

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013019\
 Data File : BF112323.D
 Acq On : 30 Jan 2019 15:55
 Operator : JU/SJ
 Sample : PB116683BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Quant Time: Jan 30 23:42:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	133094	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	502483	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	243816	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	456230	20.00	ng	0.00
76) Chrysene-d12	14.00	240	273277	20.00	ng	0.00
87) Perylene-d12	15.47	264	272063	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	926835	147.91	ng	0.00
7) Phenol-d6	6.49	99	1138129	130.72	ng	0.00
23) Nitrobenzene-d5	7.40	82	677009	77.63	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	358361	126.27	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1371288	79.55	ng	0.00
79) Terphenyl-d14	12.94	244	1285184	88.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	119168	47.741	ng	96
3) Pyridine	3.45	79	316580	49.859	ng	97
4) n-Nitrosodimethylamine	3.40	42	140534	52.681	ng	97
6) Aniline	6.50	93	266672	25.747	ng	# 24
8) 2-Chlorophenol	6.63	128	331844	39.367	ng	99
9) Benzaldehyde	6.39	77	72915	16.022	ng	99
10) Phenol	6.50	94	371357	38.875	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	291933	38.818	ng	98
12) 1,3-Dichlorobenzene	6.78	146	372066	37.901	ng	99
13) 1,4-Dichlorobenzene	6.86	146	386327	38.238	ng	99
14) 1,2-Dichlorobenzene	7.01	146	354405	37.466	ng	96
15) Benzyl Alcohol	6.99	79	271053	36.930	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	364310	37.729	ng	# 45
17) 2-Methylphenol	7.10	107	252393	37.771	ng	# 91
18) Hexachloroethane	7.35	117	133022	37.494	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	218799	36.443	ng	98
20) 3+4-Methylphenols	7.26	107	329689	38.583	ng	# 68
22) Acetophenone	7.25	105	444835	36.356	ng	96
24) Nitrobenzene	7.42	77	332302	38.154	ng	96
25) Isophorone	7.66	82	582870	42.605	ng	100
26) 2-Nitrophenol	7.74	139	181419	38.978	ng	98
27) 2,4-Dimethylphenol	7.78	122	280660	43.766	ng	93
28) bis(2-Chloroethoxy)methane	7.87	93	368081	39.513	ng	98
29) 2,4-Dichlorophenol	7.99	162	282772	39.404	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	322346	39.077	ng	99
31) Naphthalene	8.15	128	963869	41.019	ng	99
32) Benzoic acid	7.92	122	142067	38.838	ng	97
33) 4-Chloroaniline	8.19	127	205122	20.048	ng	99
34) Hexachlorobutadiene	8.26	225	175912	36.341	ng	99
35) Caprolactam	8.56	113	78563	31.033	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	283831	37.361	ng	96
37) 2-Methylnaphthalene	8.83	142	664929	41.335	ng	96
38) 1-Methylnaphthalene	8.93	142	632513	41.023	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	308695	38.561	ng	99

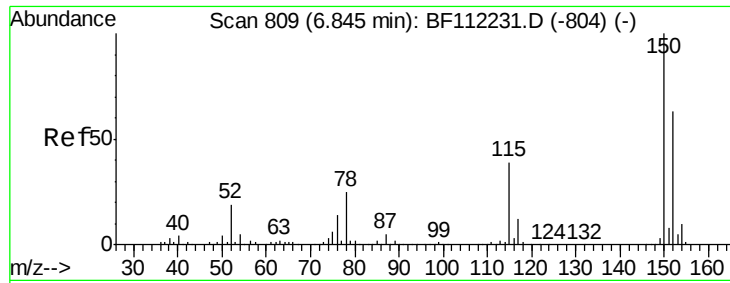
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	138062	49.604	ng	95
43) 2,4,6-Trichlorophenol	9.12	196	193540	39.221	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	200848	38.945	ng	98
46) 1,1'-Biphenyl	9.30	154	813759	38.177	ng	98
47) 2-Chloronaphthalene	9.32	162	625460	37.839	ng	95
48) 2-Nitroaniline	9.42	65	170960	37.947	ng	93
49) Acenaphthylene	9.74	152	987064	40.742	ng	99
50) Dimethylphthalate	9.59	163	728504	38.457	ng	99
51) 2,6-Dinitrotoluene	9.66	165	164222	38.708	ng	94
52) Acenaphthene	9.91	154	569026	39.317	ng	99
53) 3-Nitroaniline	9.83	138	113099	24.607	ng	97
54) 2,4-Dinitrophenol	9.95	184	74939	55.039	ng	97
55) Dibenzofuran	10.08	168	858211	38.804	ng	95
56) 4-Nitrophenol	10.02	139	178578	73.488	ng	95
57) 2,4-Dinitrotoluene	10.07	165	211611	39.179	ng	# 85
58) Fluorene	10.43	166	680402	41.111	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	155770	39.968	ng	96
60) Diethylphthalate	10.29	149	720941	38.350	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	329986	36.653	ng	99
62) 4-Nitroaniline	10.45	138	158117	35.072	ng	97
63) Azobenzene	10.57	77	619398	37.463	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	63713	24.908	ng	98
66) n-Nitrosodiphenylamine	10.53	169	596564	38.798	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	200392	37.345	ng	95
68) Hexachlorobenzene	10.98	284	215575	37.446	ng	99
69) Atrazine	11.06	200	195806	39.466	ng	99
70) Pentachlorophenol	11.18	266	155072	69.226	ng	98
71) Phenanthrene	11.39	178	934804	39.412	ng	99
72) Anthracene	11.44	178	971474	41.117	ng	100
73) Carbazole	11.60	167	840698	36.072	ng	100
74) Di-n-butylphthalate	11.92	149	1110451	38.386	ng	99
75) Fluoranthene	12.57	202	870245	34.208	ng	99
77) Benzidine	12.69	184	382673	50.877	ng	96
78) Pyrene	12.80	202	857073	45.300	ng	98
80) Butylbenzylphthalate	13.41	149	375332	41.002	ng	92
81) Benzo(a)anthracene	13.99	228	655843	40.825	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	209675	34.875	ng	100
83) Chrysene	14.03	228	611312	39.865	ng	96
84) Bis(2-ethylhexyl)phthalate	13.97	149	503015	38.712	ng	# 97
85) Di-n-octyl phthalate	14.58	149	760212	38.027	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	660144	54.329	ng	98
88) Benzo(b)fluoranthene	15.04	252	620889	38.160	ng	98
89) Benzo(k)fluoranthene	15.07	252	611655	39.247	ng	99
90) Benzo(a)pyrene	15.41	252	599996	40.983	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	546284	46.298	ng	99
92) Benzo(g,h,i)perylene	17.39	276	533998	47.970	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

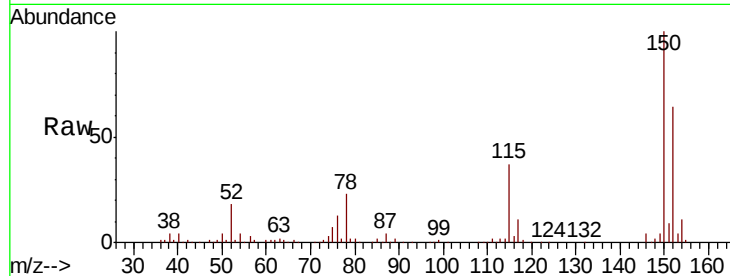


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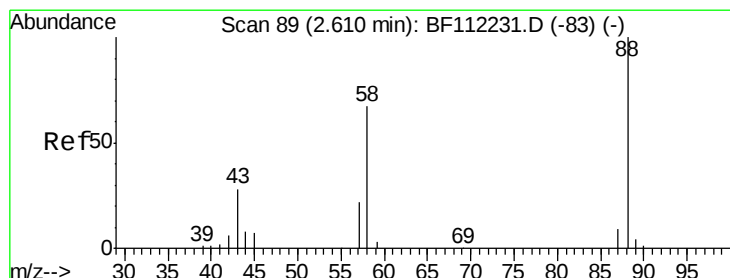
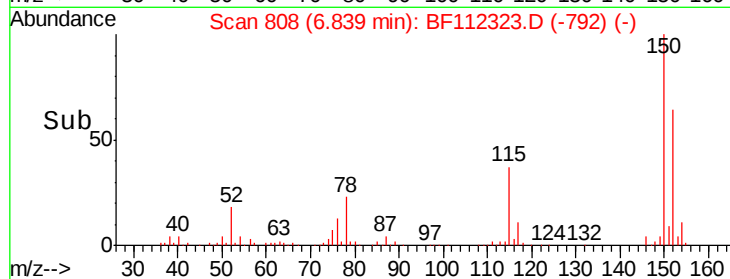
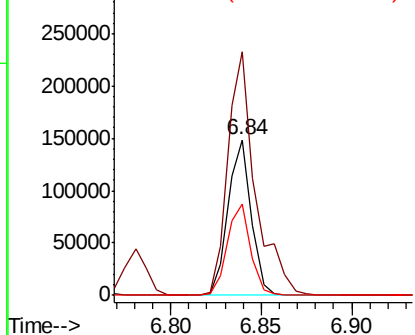
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tgt Ion:152 Resp: 133094
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.0
115 58.4 45.5 68.3



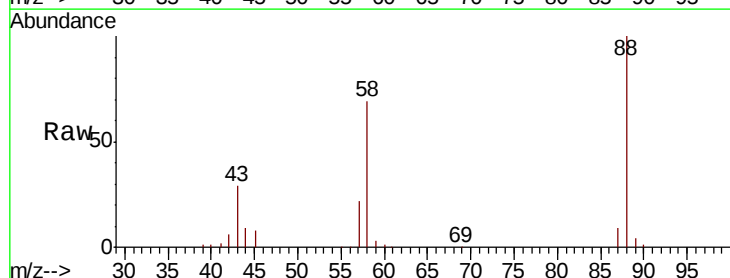
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



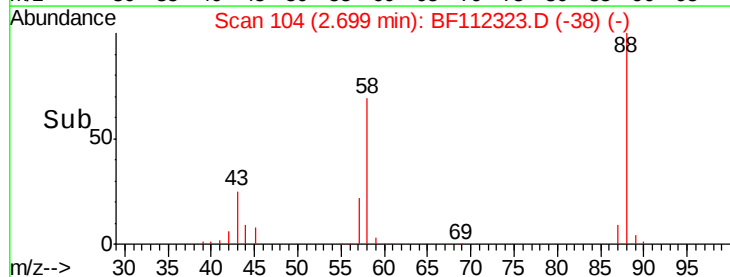
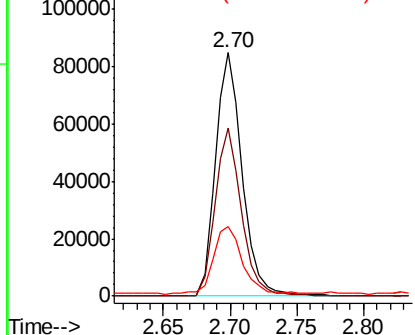
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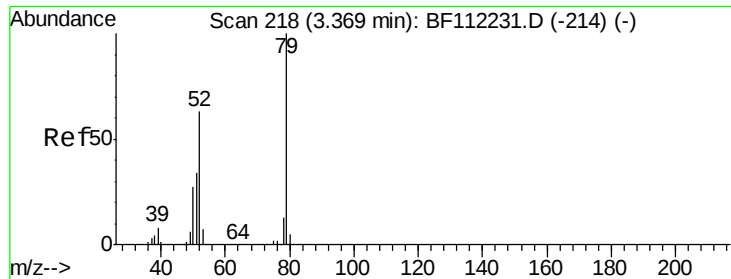
1,4-Dioxane
Concen: 47.741 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion: 88 Resp: 119168
Ion Ratio Lower Upper
88 100
58 68.1 57.4 86.2
43 29.9 22.2 33.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 49.859 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.08 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

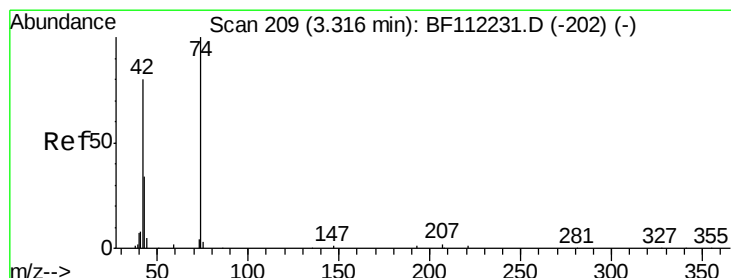
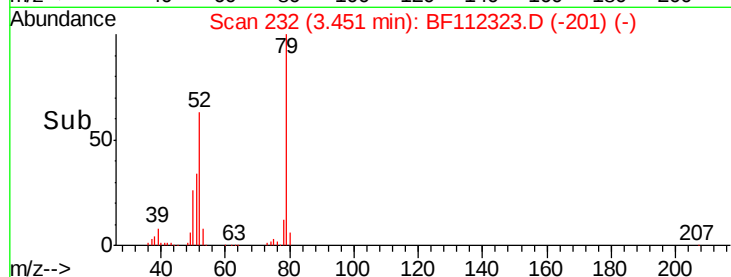
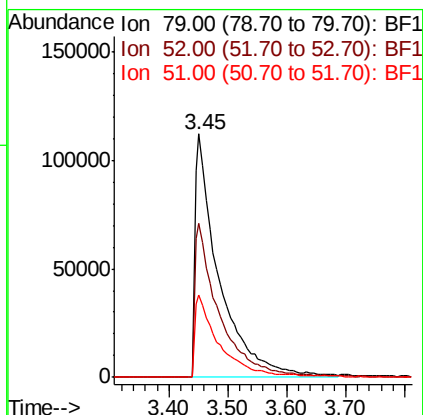
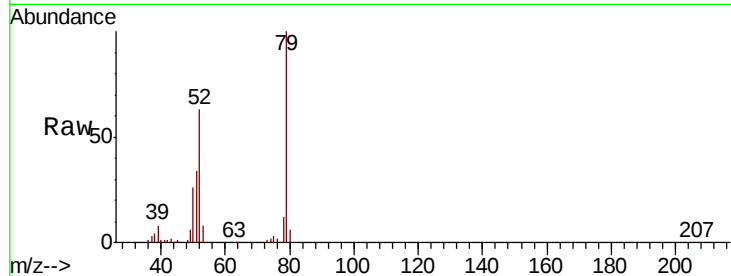
Tgt Ion: 79 Resp: 316580

Ion Ratio Lower Upper

79 100

52 63.1 52.4 78.6

51 33.6 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 52.681 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.08 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

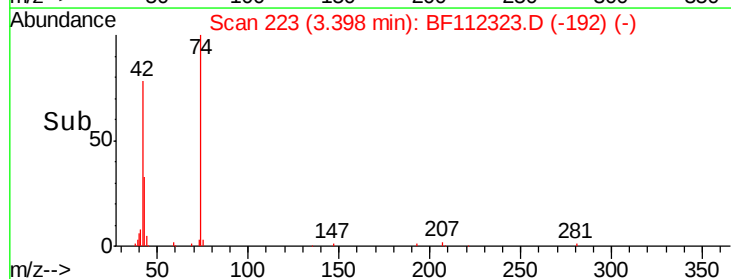
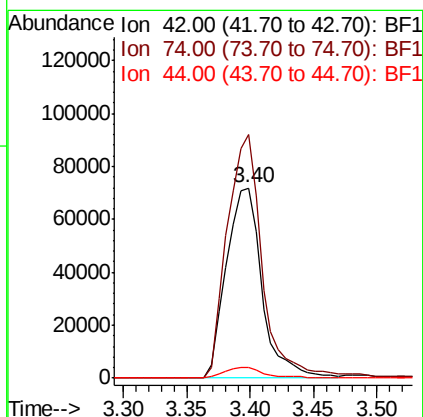
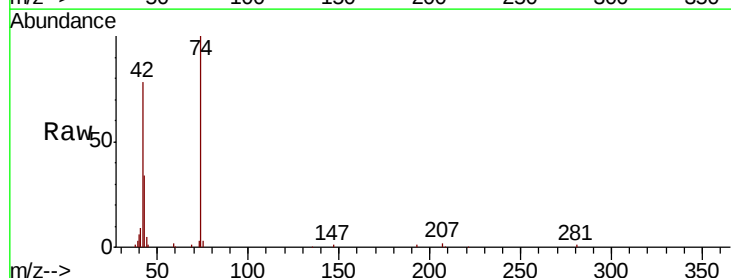
Tgt Ion: 42 Resp: 140534

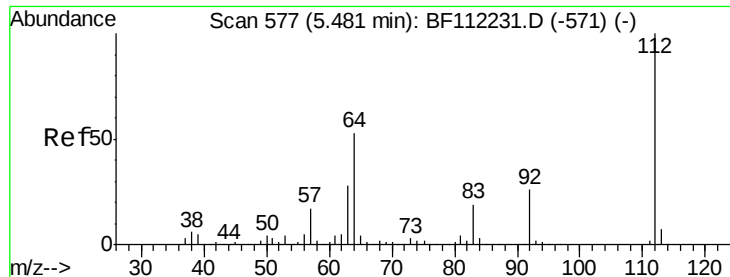
Ion Ratio Lower Upper

42 100

74 128.1 105.6 158.4

44 5.8 5.4 8.2





#5

2-Fluorophenol

Concen: 147.915 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

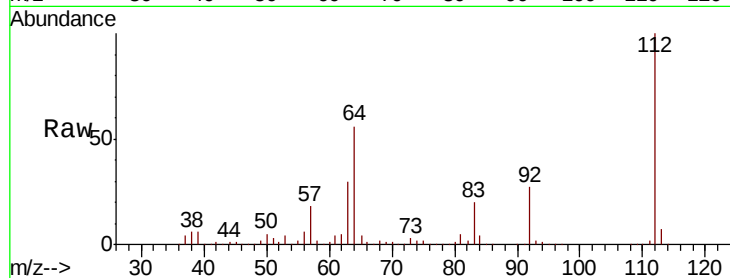
Tgt Ion: 112 Resp: 926835

Ion Ratio Lower Upper

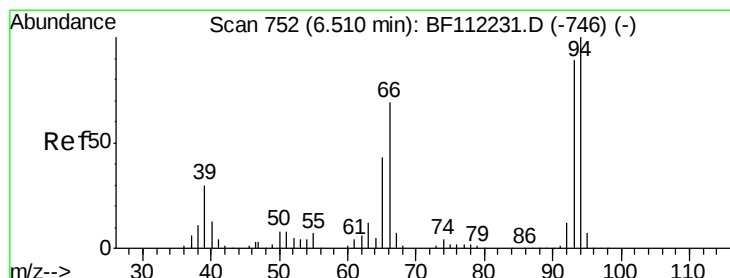
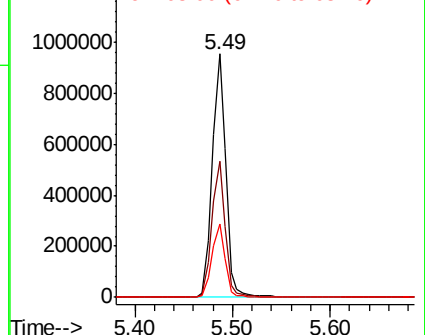
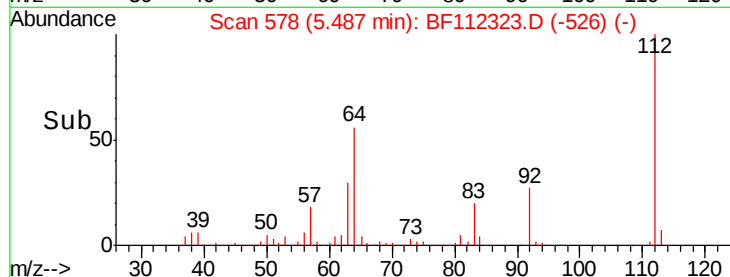
112 100

64 56.1 45.7 68.5

63 30.3 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.747 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

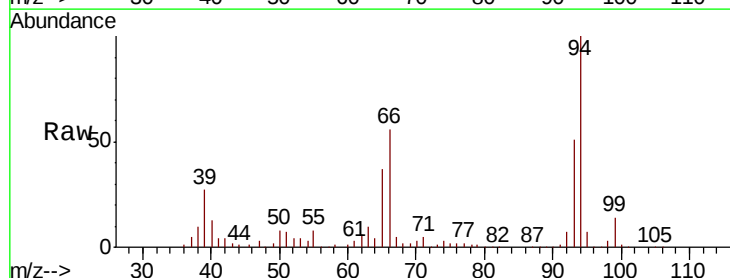
Tgt Ion: 93 Resp: 266672

Ion Ratio Lower Upper

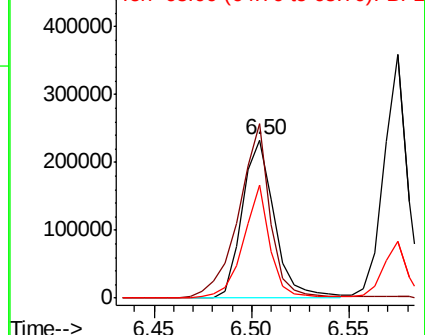
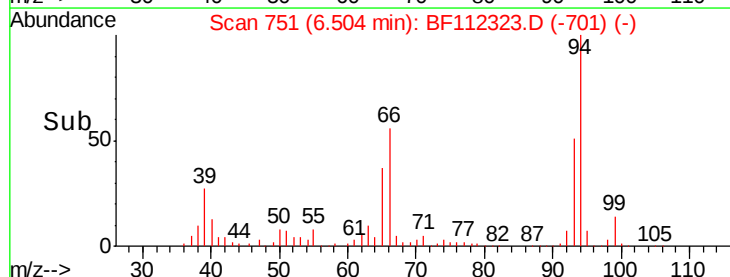
93 100

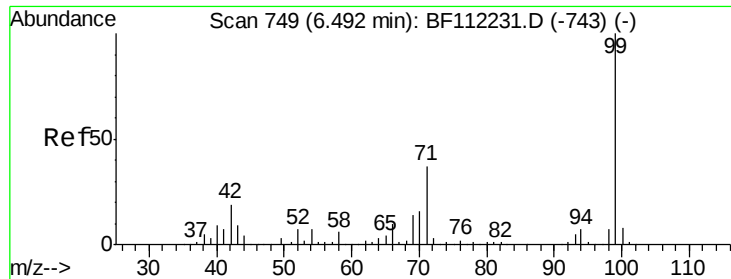
66 110.1 43.4 65.2#

65 72.0 25.3 37.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.715 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

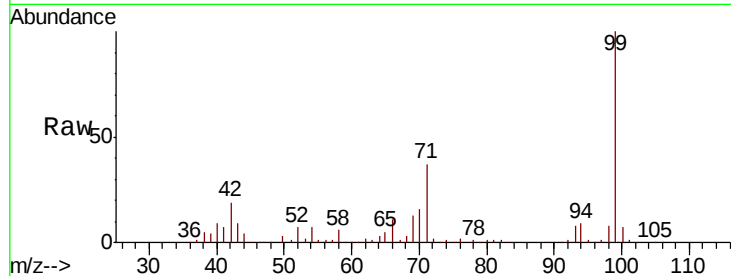
Tgt Ion: 99 Resp: 1138129

Ion Ratio Lower Upper

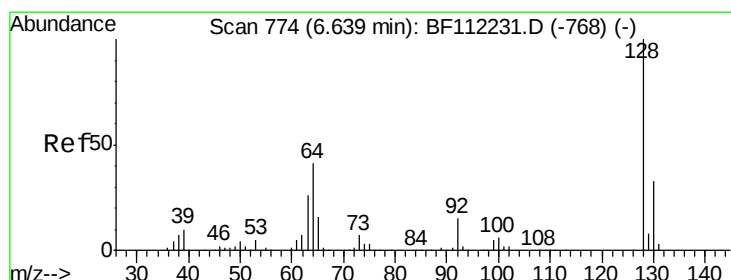
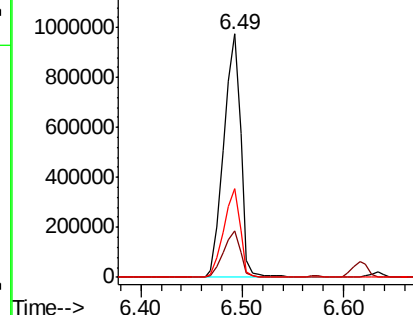
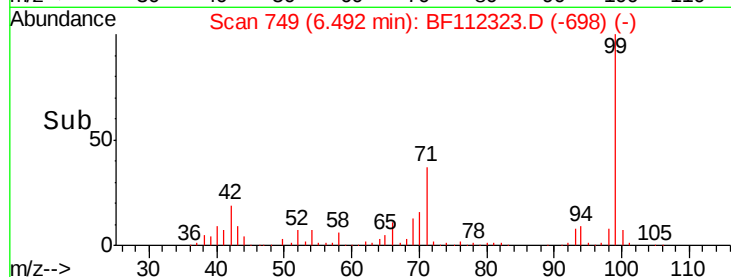
99 100

42 19.4 15.1 22.7

71 36.6 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.367 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

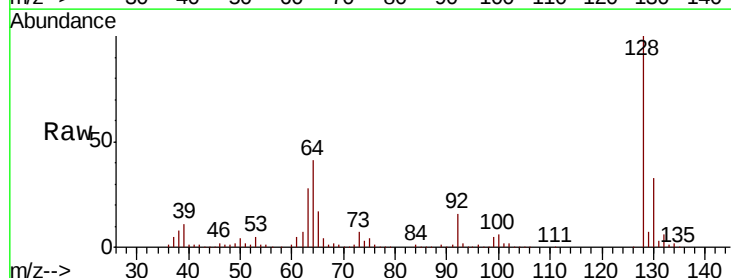
Tgt Ion: 128 Resp: 331844

Ion Ratio Lower Upper

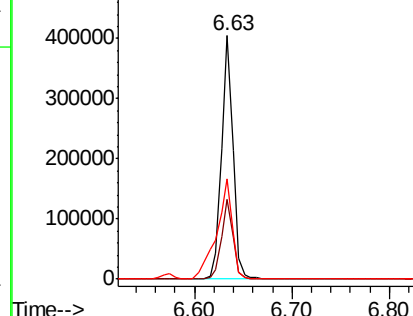
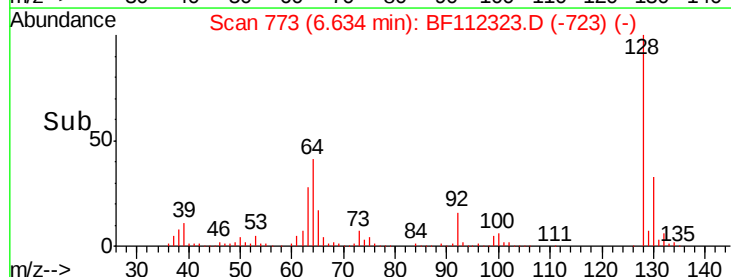
128 100

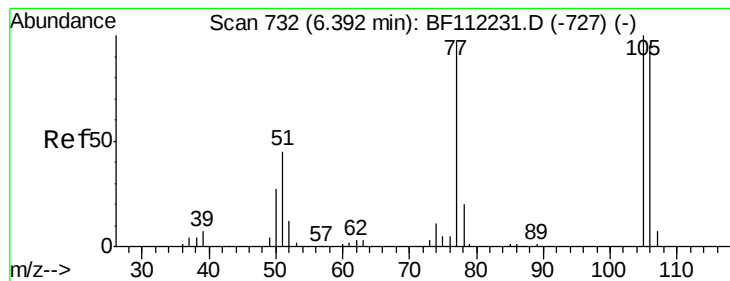
130 33.0 13.4 53.4

64 41.4 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.022 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

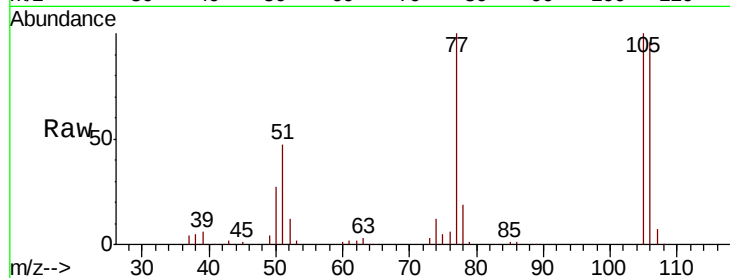
Tgt Ion: 77 Resp: 72915

Ion Ratio Lower Upper

77 100

105 100.3 80.8 120.8

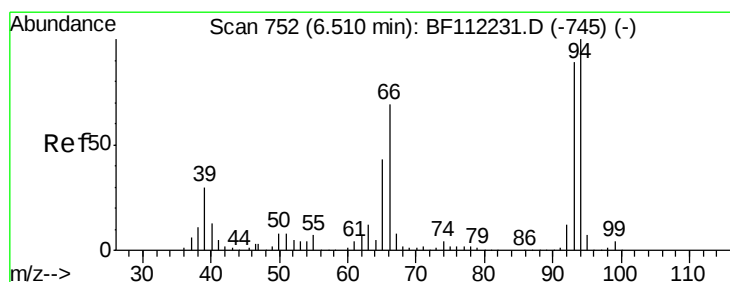
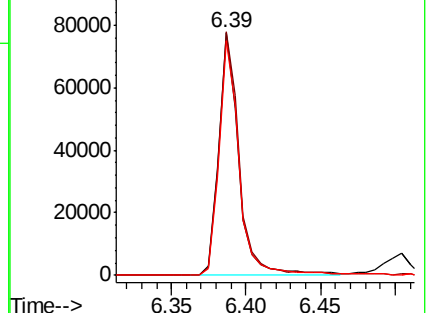
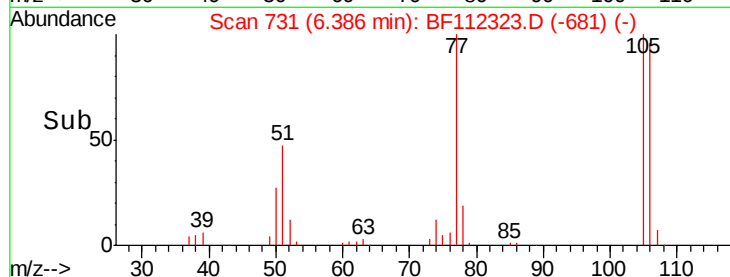
106 96.7 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.875 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

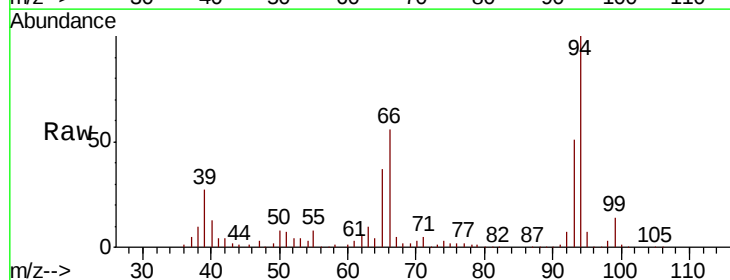
Tgt Ion: 94 Resp: 371357

Ion Ratio Lower Upper

94 100

65 36.7 20.3 60.3

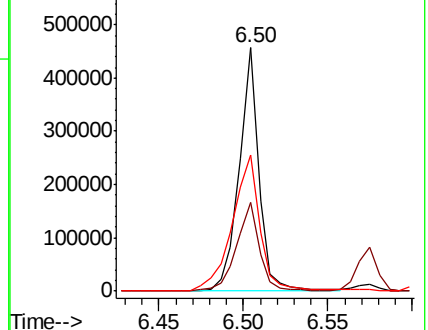
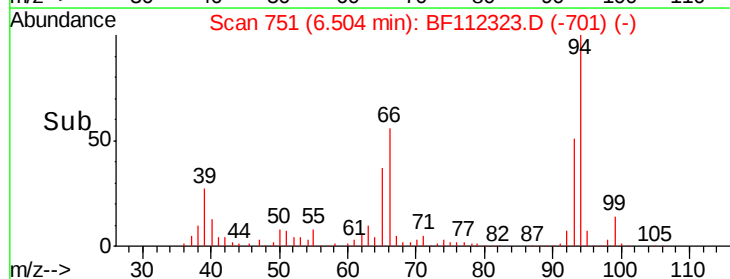
66 56.1 42.4 82.4

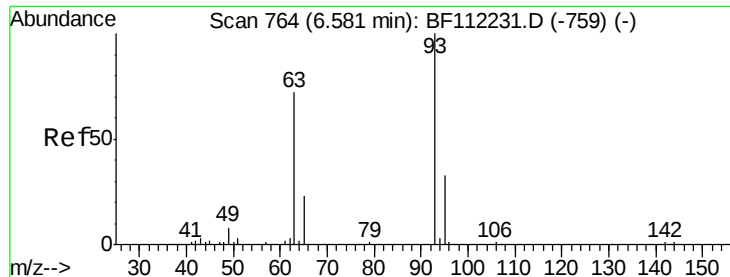


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

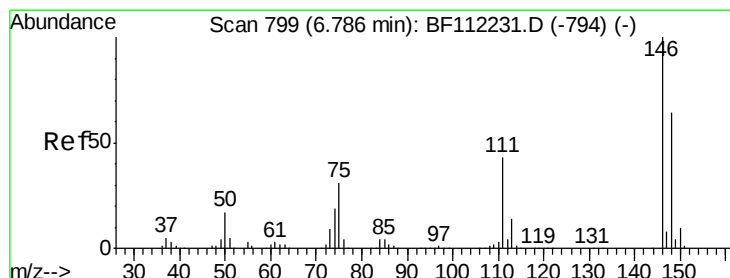
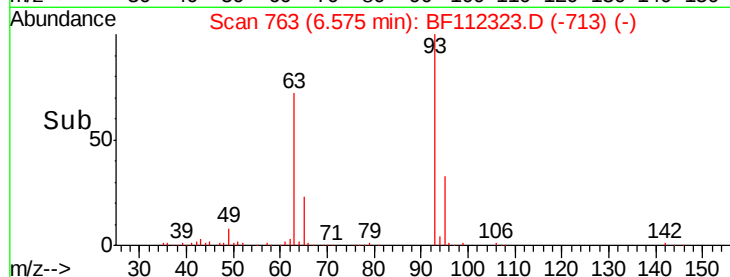
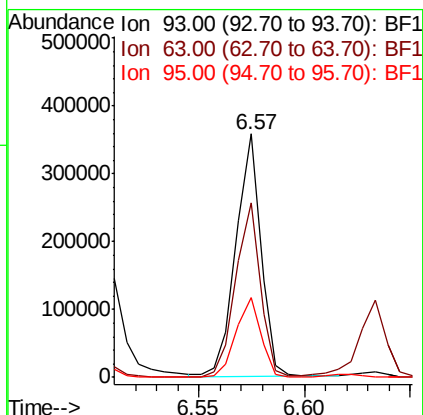
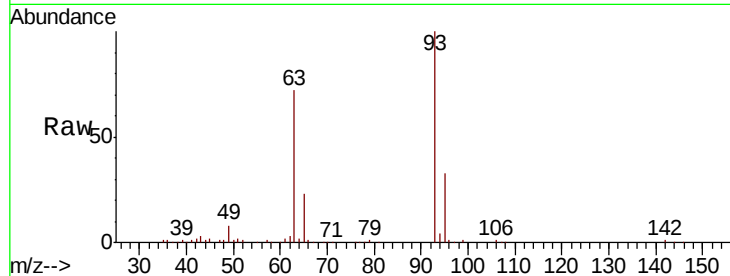




#11
 bis(2-Chloroethyl)ether
 Concen: 38.818 ng
 RT: 6.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

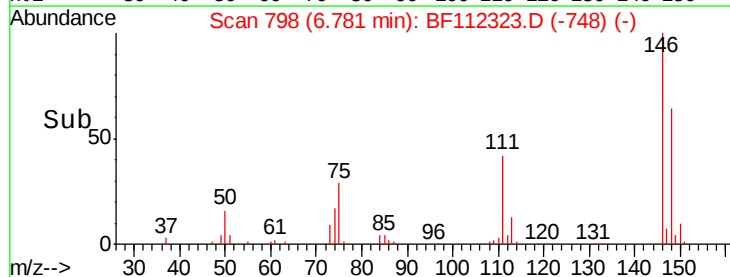
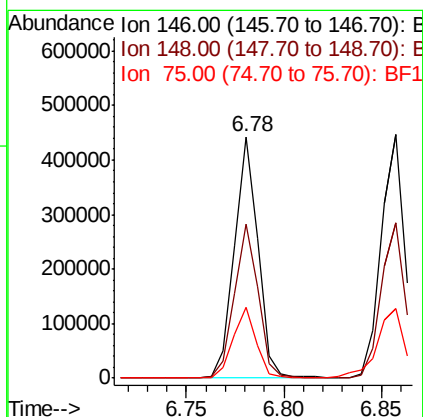
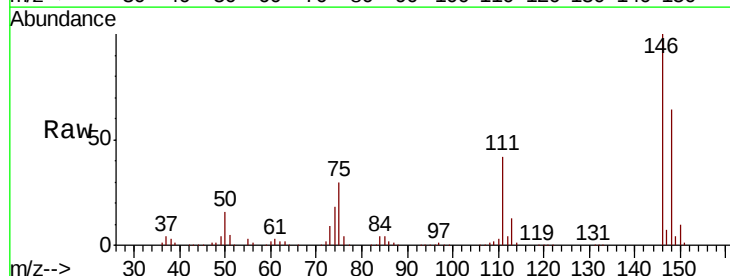
Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

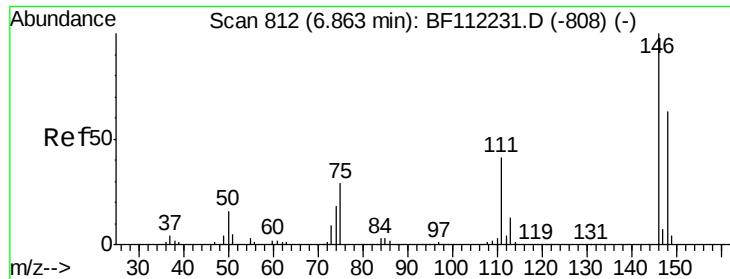
Tgt Ion: 93 Resp: 291933
 Ion Ratio Lower Upper
 93 100
 63 71.7 53.3 93.3
 95 33.0 13.4 53.4



#12
 1,3-Dichlorobenzene
 Concen: 37.901 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion: 146 Resp: 372066
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.8
 75 29.5 23.1 34.7

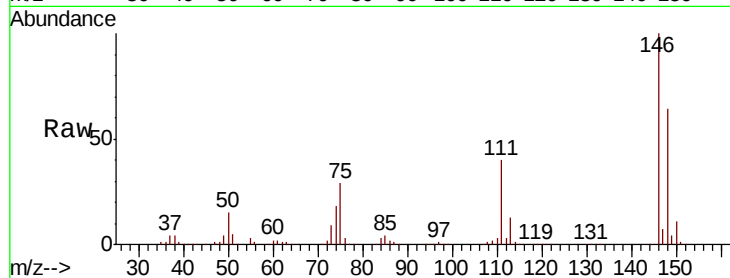




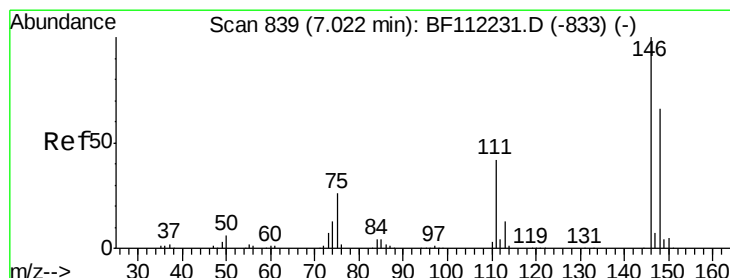
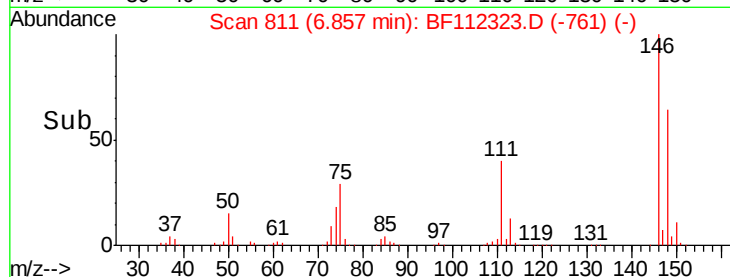
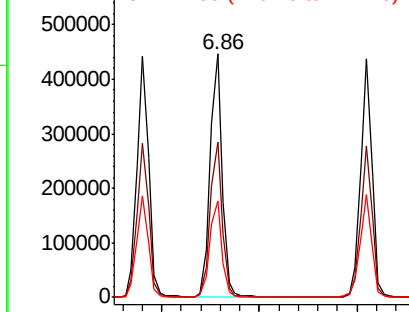
#13
 1,4-Dichlorobenzene
 Concen: 38.238 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tgt Ion:146 Resp: 386327
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.0 78.0
 111 39.6 31.2 46.8

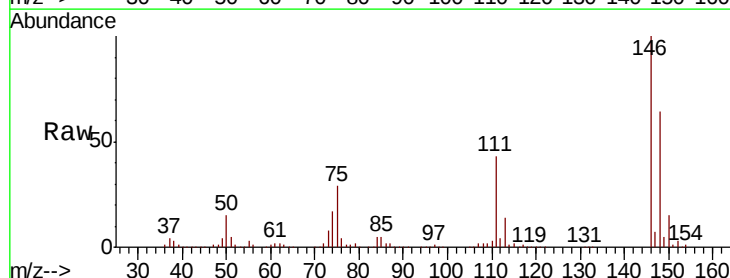


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

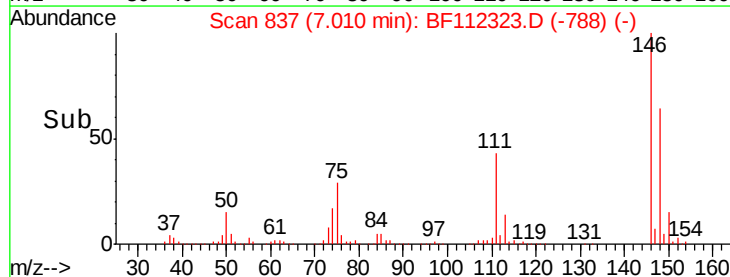
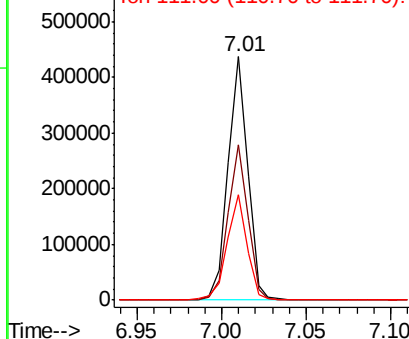


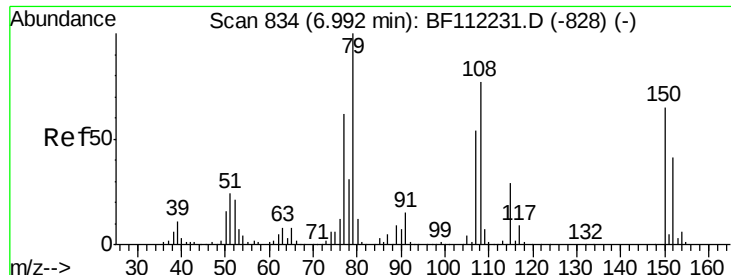
#14
 1,2-Dichlorobenzene
 Concen: 37.466 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion:146 Resp: 354405
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.4
 111 43.0 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.930 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

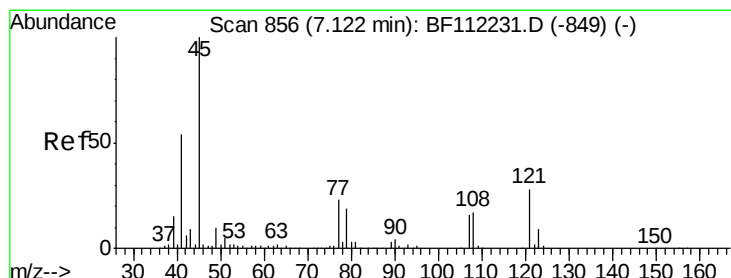
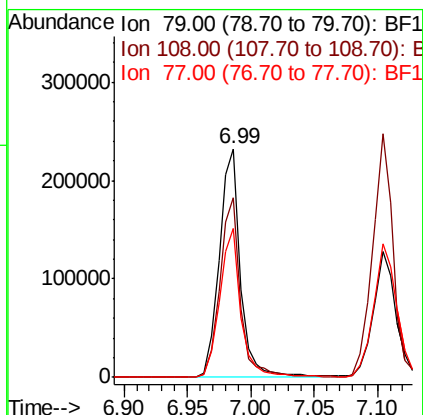
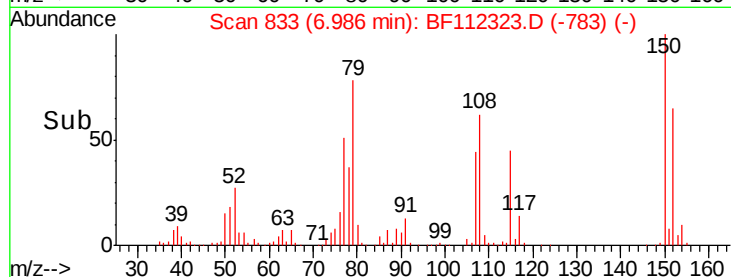
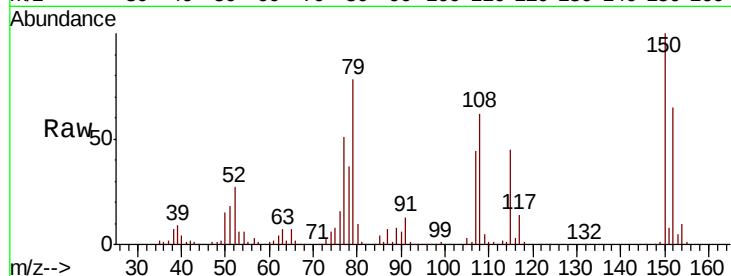
Tgt Ion: 79 Resp: 271053

Ion Ratio Lower Upper

79 100

108 78.7 64.2 96.2

77 65.1 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.729 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

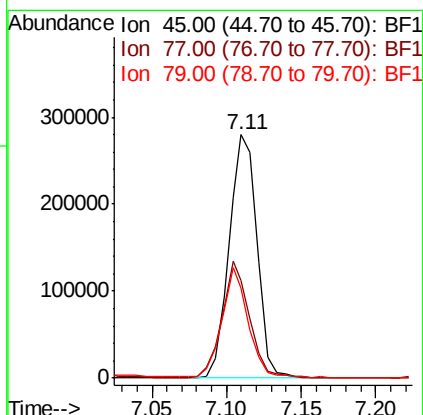
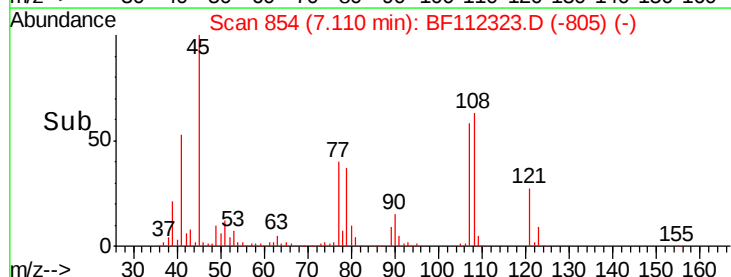
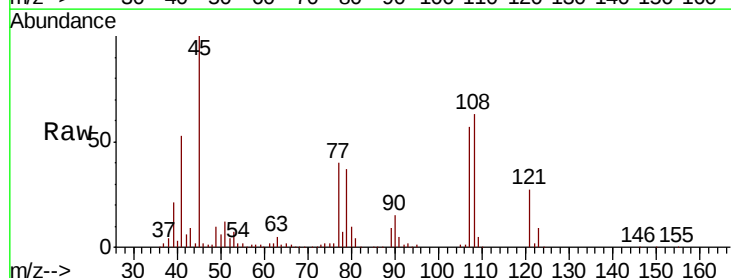
Tgt Ion: 45 Resp: 364310

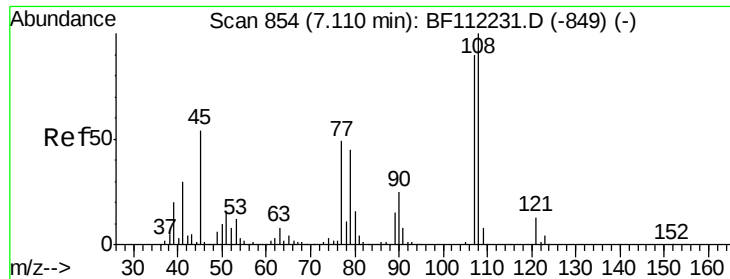
Ion Ratio Lower Upper

45 100

77 40.2 0.0 36.9#

79 37.0 0.0 34.0#

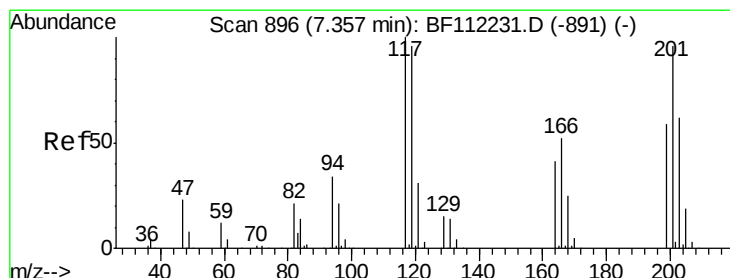
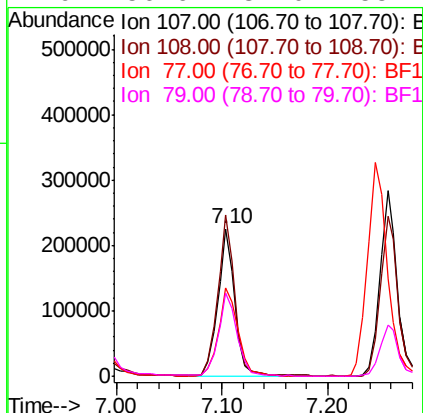
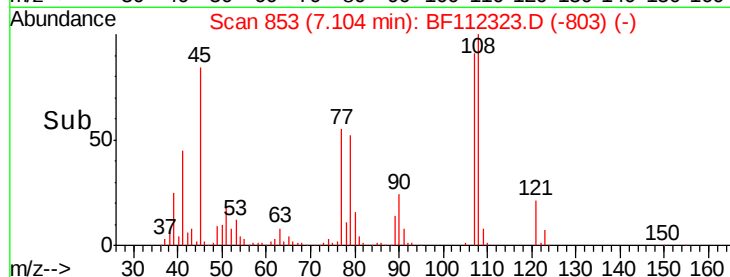
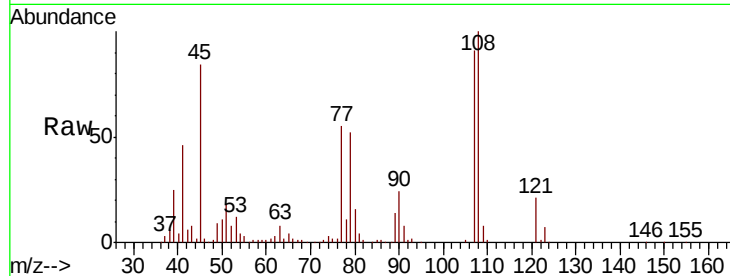




#17
2-Methylphenol
Concen: 37.771 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

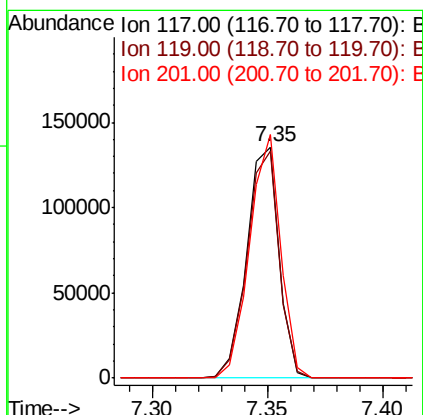
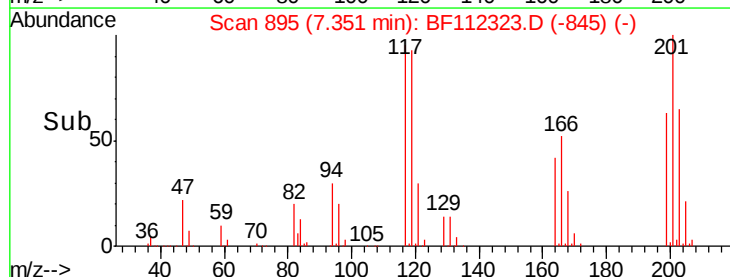
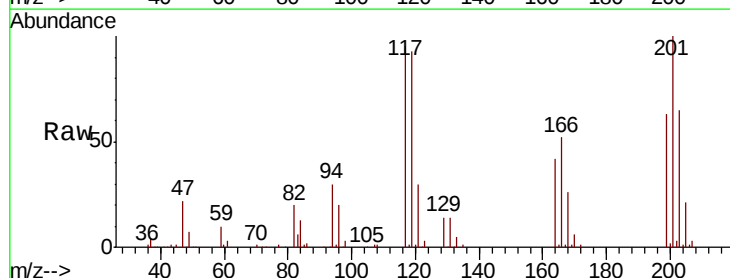
Instrument :
BNA_F
ClientSampleId :
PB116683BS

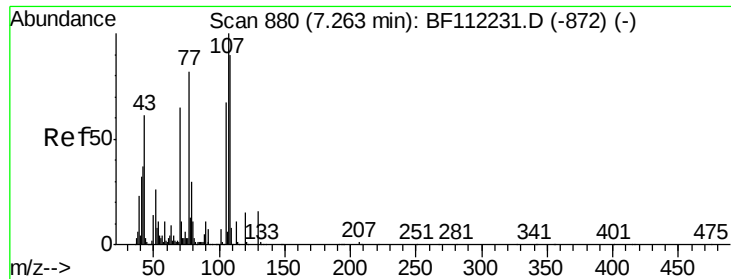
Tgt Ion:107 Resp: 252393
Ion Ratio Lower Upper
107 100
108 109.8 91.3 136.9
77 59.9 39.0 58.6#
79 56.6 37.0 55.4#



#18
Hexachloroethane
Concen: 37.494 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion:117 Resp: 133022
Ion Ratio Lower Upper
117 100
119 98.4 77.0 115.4
201 105.3 74.1 111.1

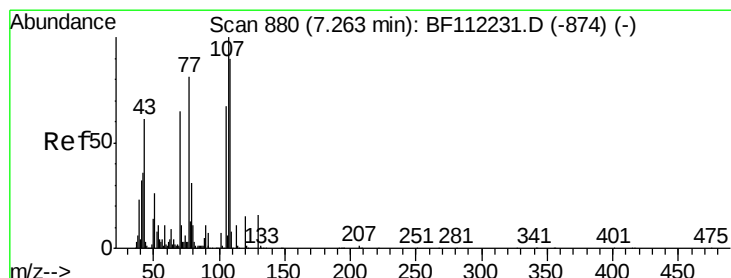
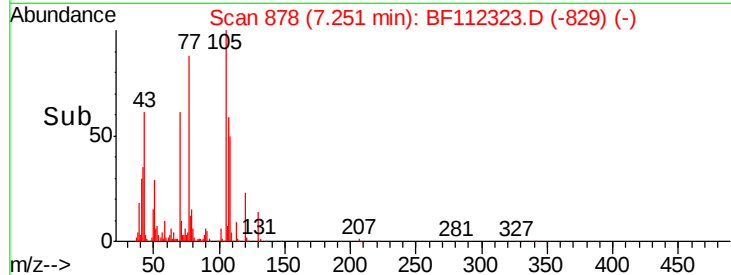
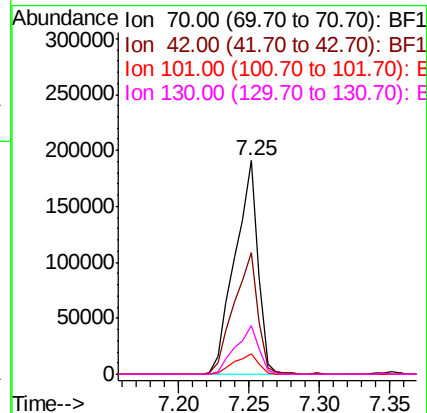
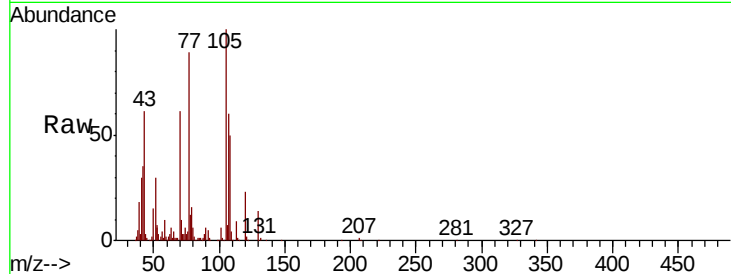




#19
n-Nitroso-di-n-propylamine
Concen: 36.443 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

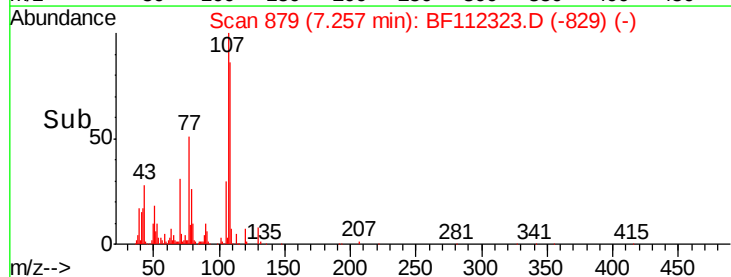
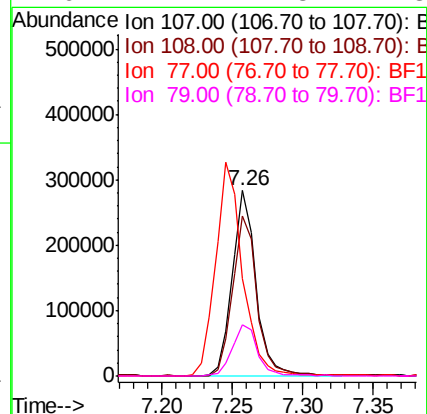
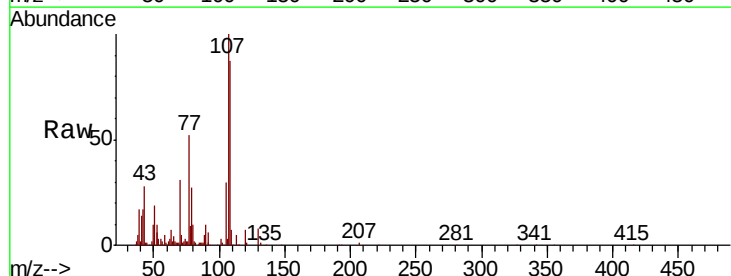
Instrument :
BNA_F
ClientSampleId :
PB116683BS

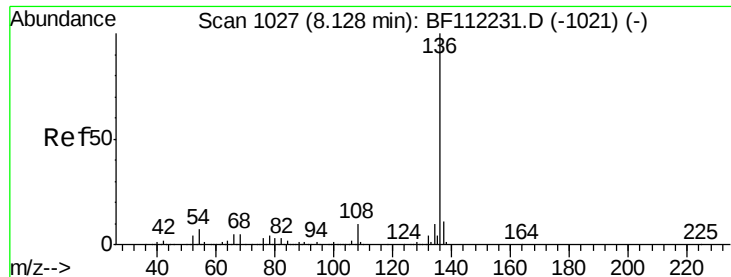
Tgt Ion:	70	Resp:	218799
Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.6	71.4
101	9.9	7.9	11.9
130	23.0	18.4	27.6



#20
3+4-Methylphenols
Concen: 38.583 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion:	107	Resp:	329689
Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.2	108.2
77	52.2	100.7	140.7#
79	27.4	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

Tgt Ion:136 Resp: 502483

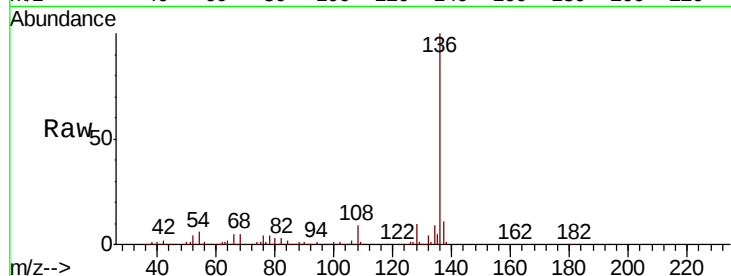
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.4 5.9 8.9

68 4.9 5.1 7.7#

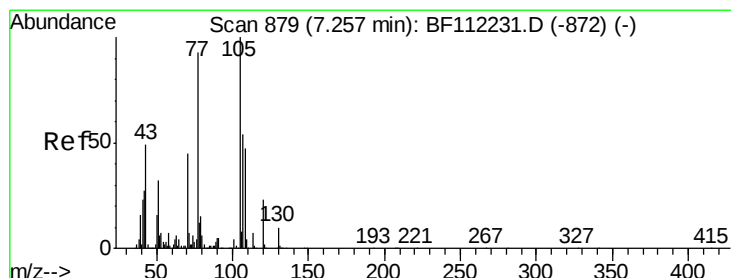
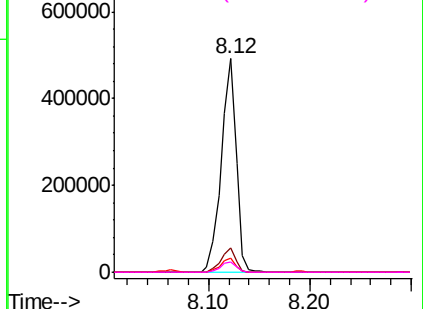
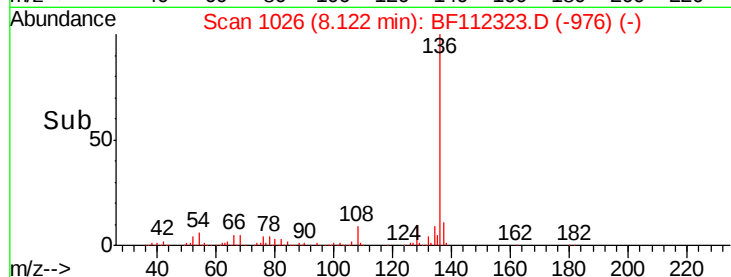


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.356 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Tgt Ion:105 Resp: 444835

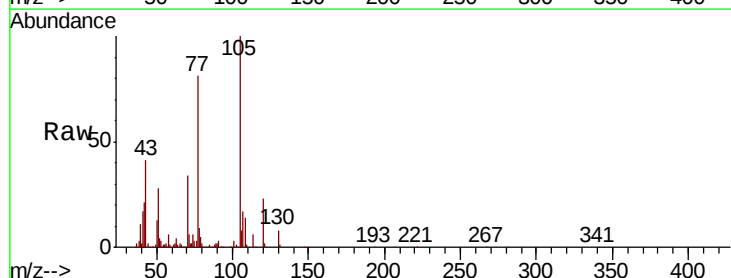
Ion Ratio Lower Upper

105 100

71 6.1 4.6 6.8

51 27.9 25.0 37.6

120 22.8 19.0 28.4

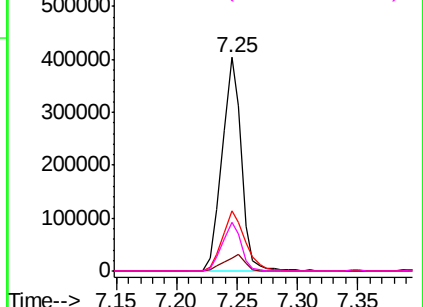
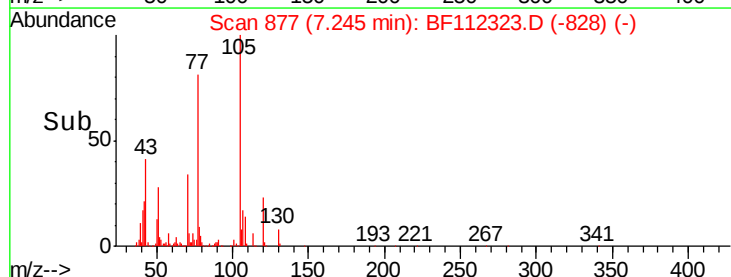


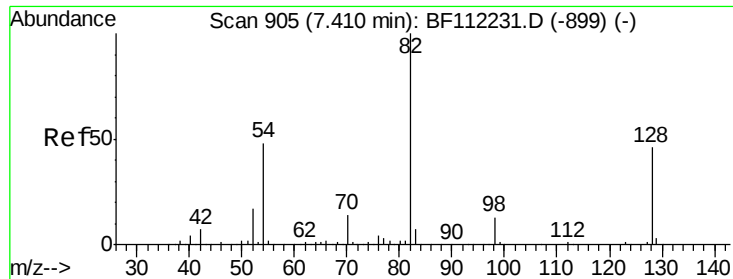
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

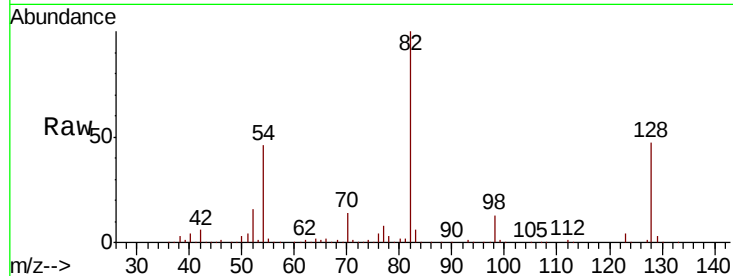




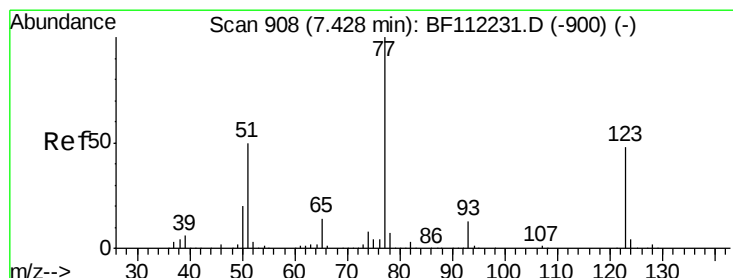
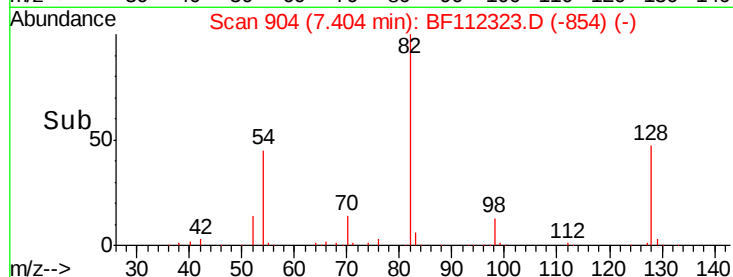
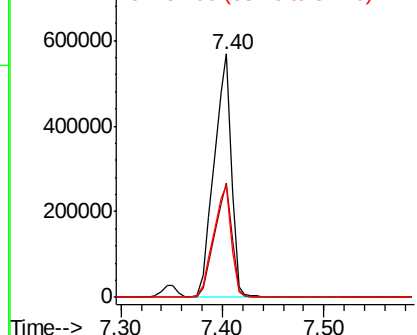
#23
 Nitrobenzene-d5
 Concen: 77.633 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tgt Ion: 82 Resp: 677009
 Ion Ratio Lower Upper
 82 100
 128 46.8 37.8 56.8
 54 45.8 39.7 59.5

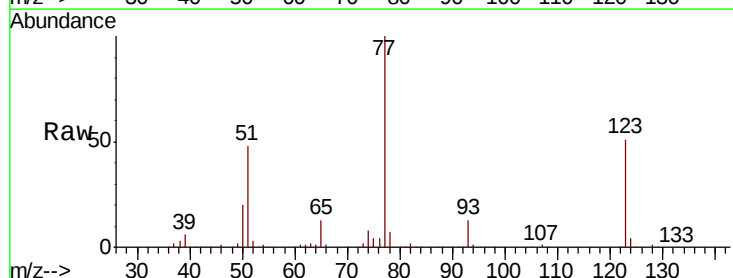


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

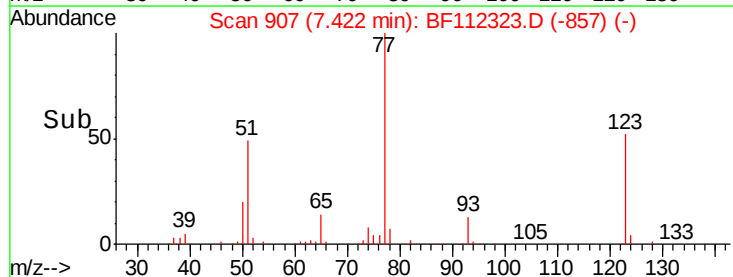
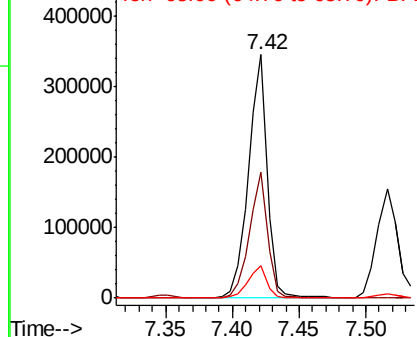


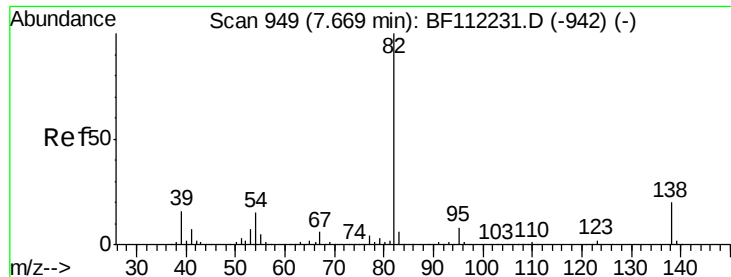
#24
 Nitrobenzene
 Concen: 38.154 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion: 77 Resp: 332302
 Ion Ratio Lower Upper
 77 100
 123 51.5 38.4 57.6
 65 13.4 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.605 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

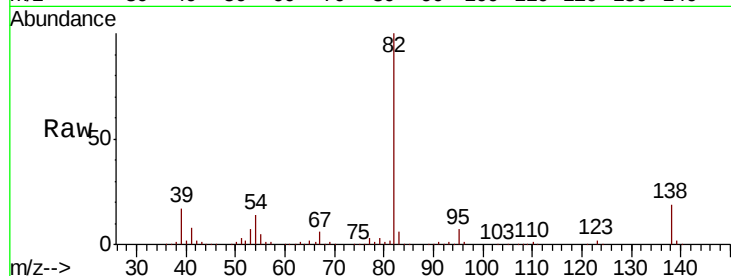
Tgt Ion: 82 Resp: 582870

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

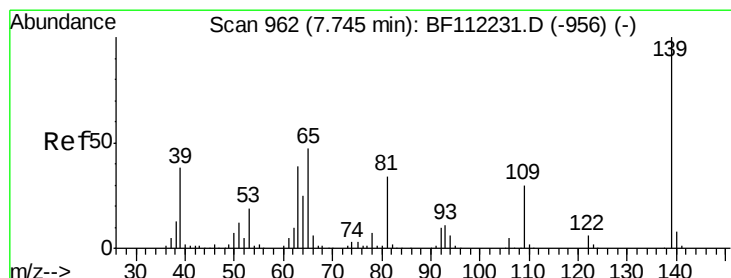
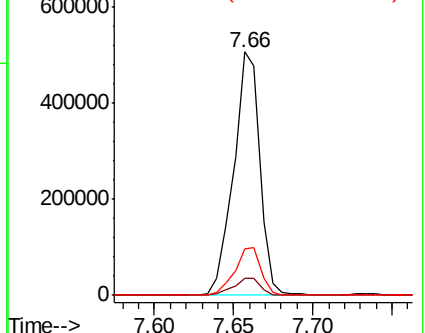
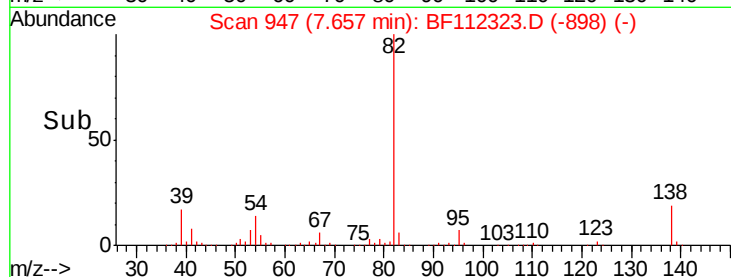
138 19.3 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.978 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

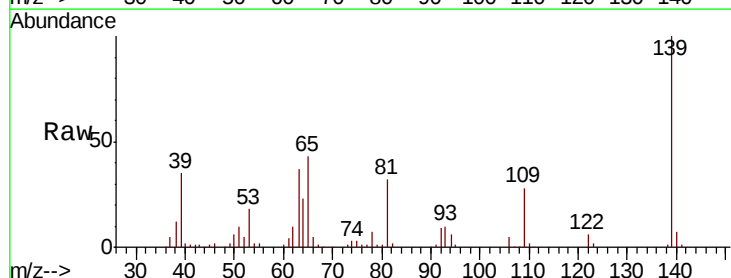
Tgt Ion: 139 Resp: 181419

Ion Ratio Lower Upper

139 100

109 27.9 20.8 31.2

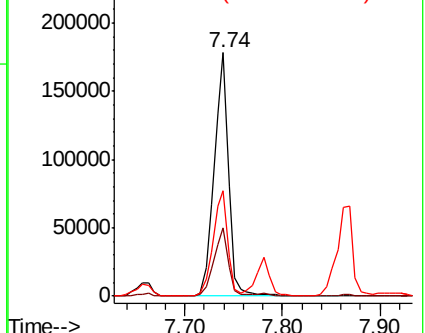
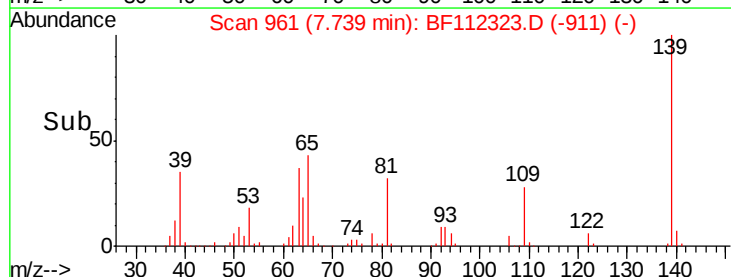
65 43.3 34.4 51.6

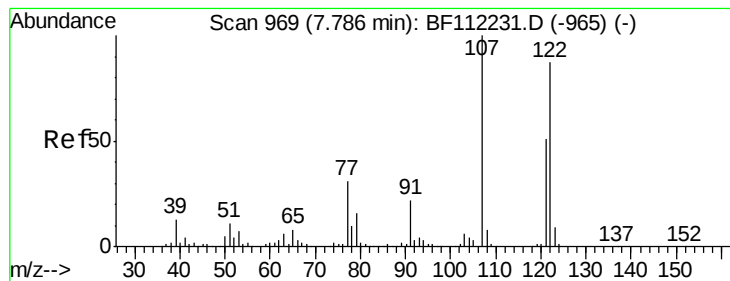


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.766 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

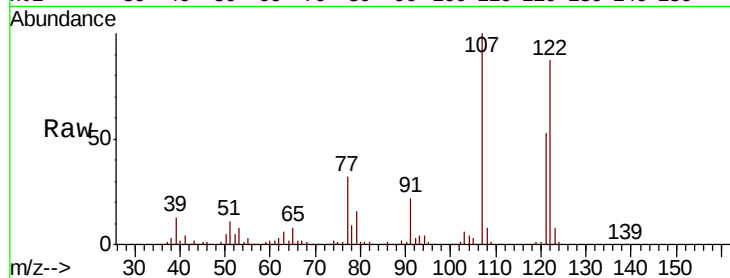
Tgt Ion:122 Resp: 280660

Ion Ratio Lower Upper

122 100

107 115.5 85.4 128.0

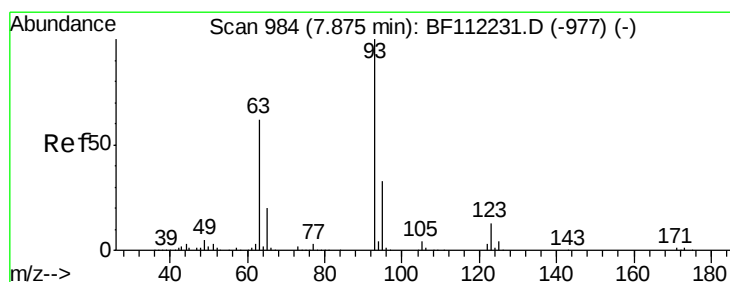
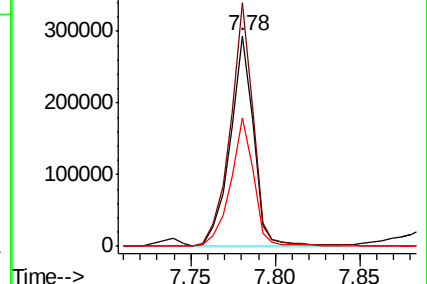
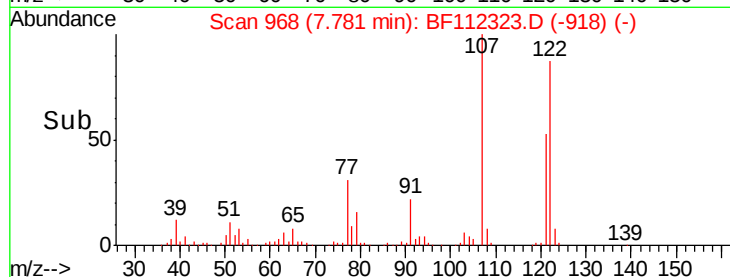
121 61.2 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.513 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

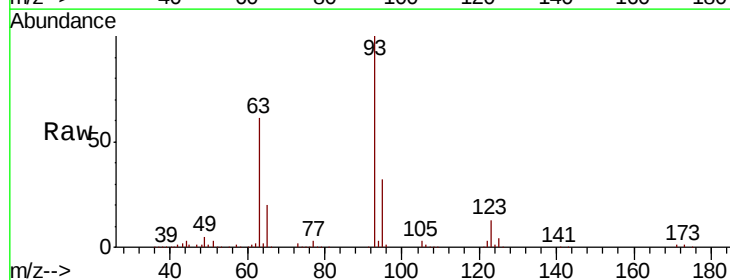
Tgt Ion: 93 Resp: 368081

Ion Ratio Lower Upper

93 100

95 32.4 26.8 40.2

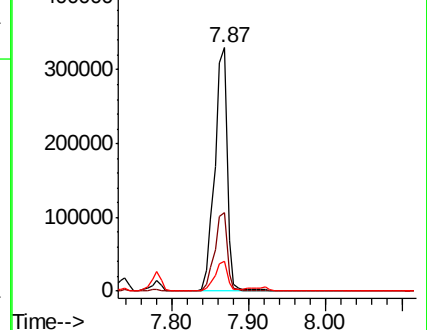
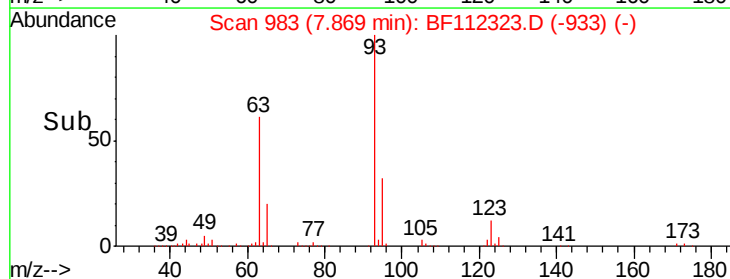
123 12.5 10.2 15.2

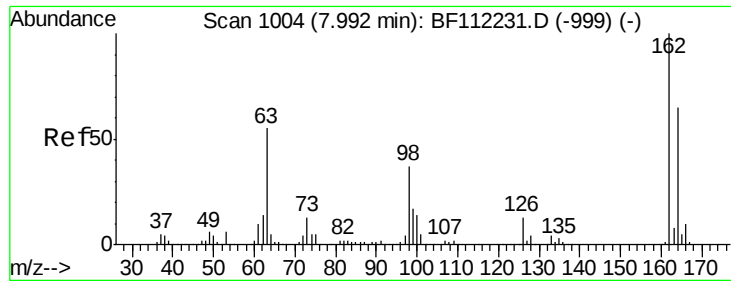


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

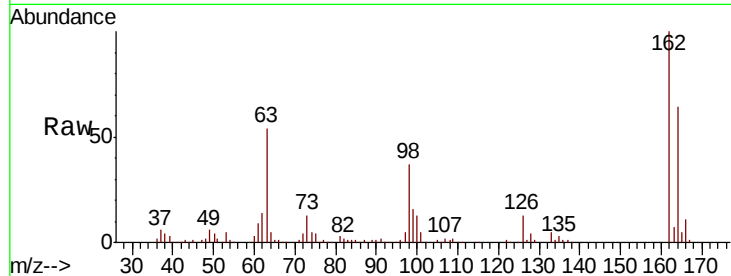




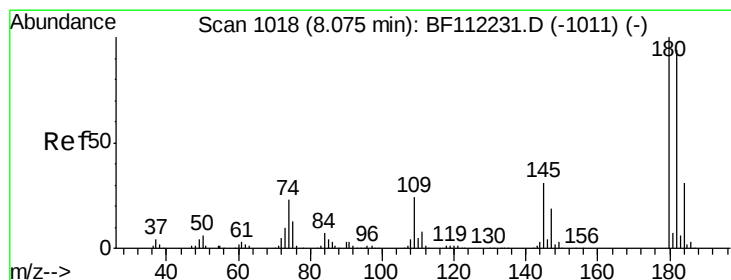
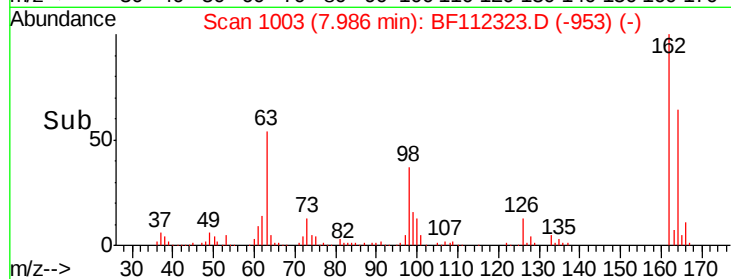
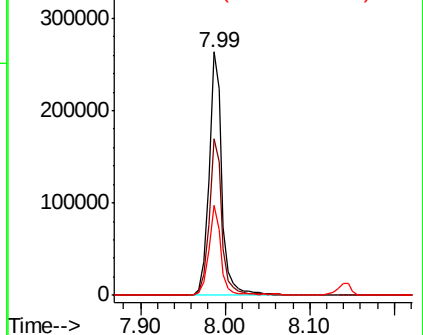
#29
 2,4-Dichlorophenol
 Concen: 39.404 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tgt Ion:162 Resp: 282772
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.6 84.6
 98 37.2 14.6 54.6

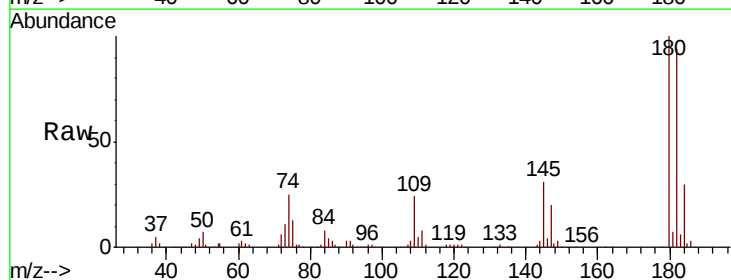


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

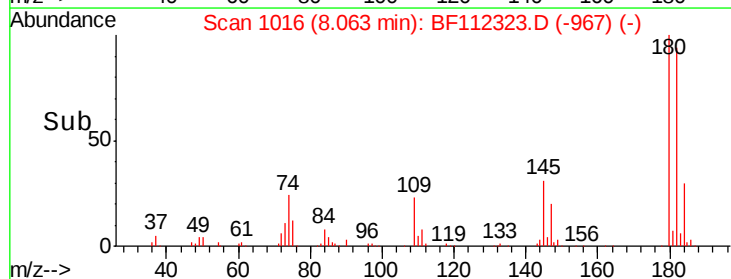
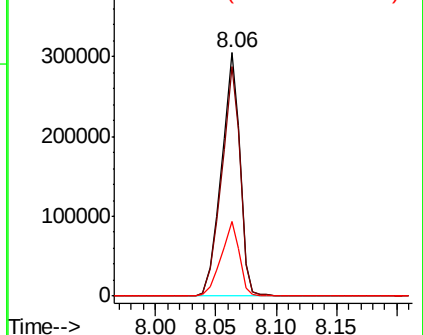


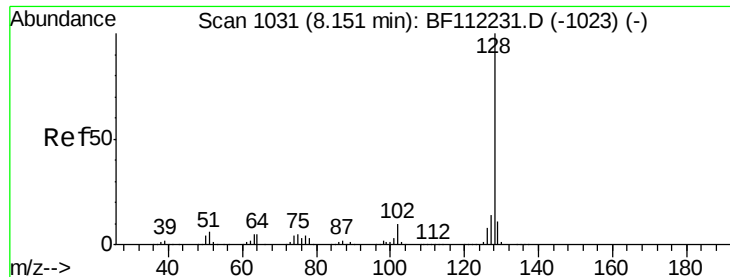
#30
 1,2,4-Trichlorobenzene
 Concen: 39.077 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion:180 Resp: 322346
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.4 114.6
 145 30.7 25.0 37.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

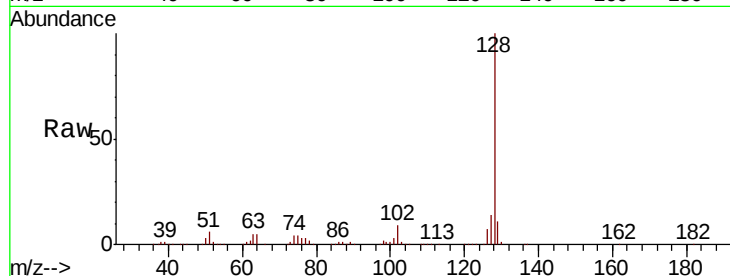




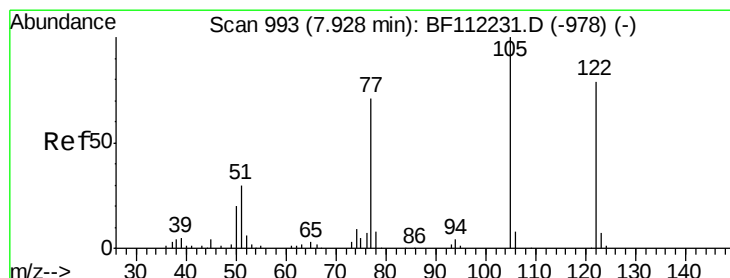
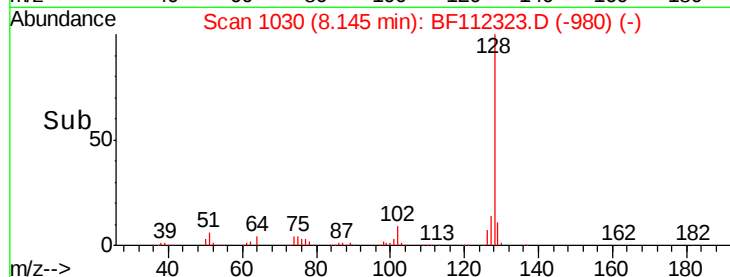
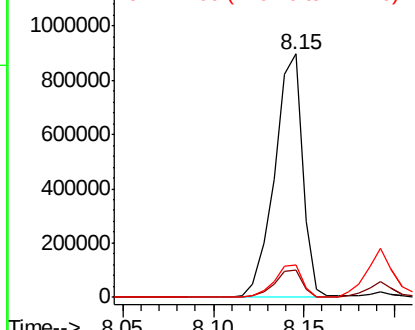
#31
Naphthalene
Concen: 41.019 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tgt Ion:128 Resp: 963869
Ion Ratio Lower Upper
128 100
129 11.2 9.6 14.4
127 13.5 11.1 16.7

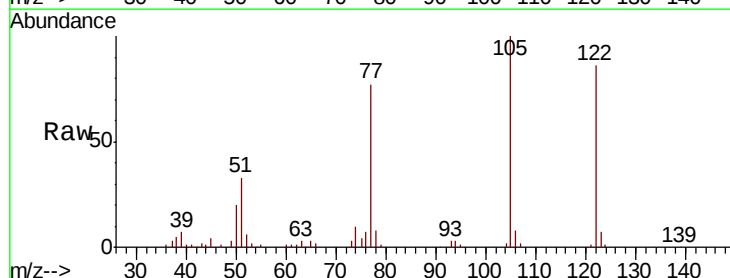


Abundance Ion 128.00 (127.70 to 128.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

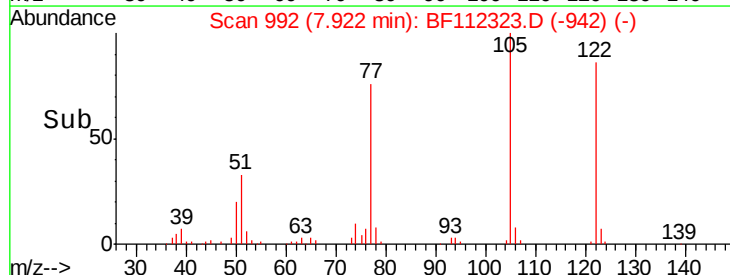
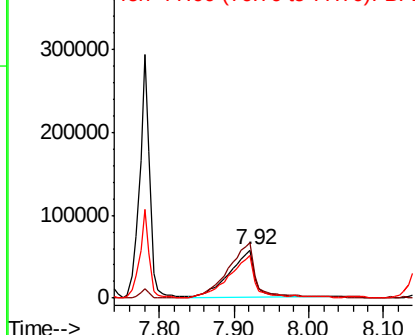


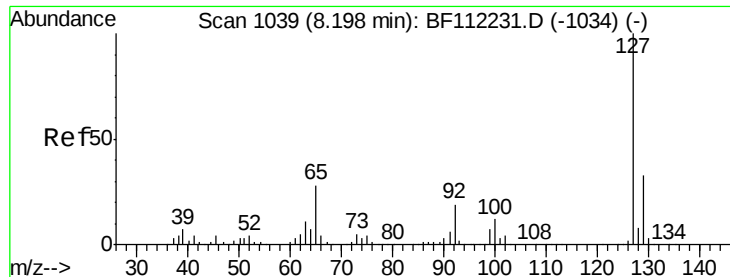
#32
Benzoic acid
Concen: 38.838 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion:122 Resp: 142067
Ion Ratio Lower Upper
122 100
105 116.1 101.2 141.2
77 89.5 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
400000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

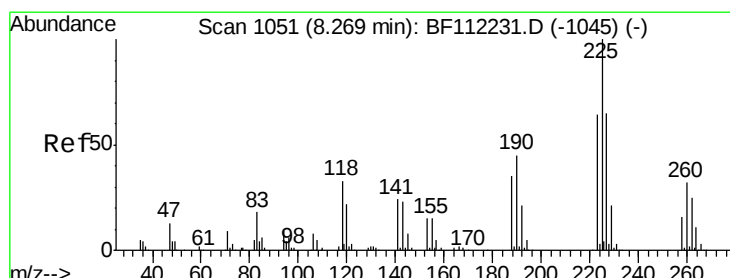
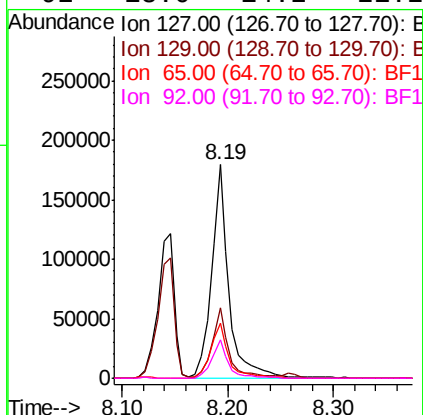
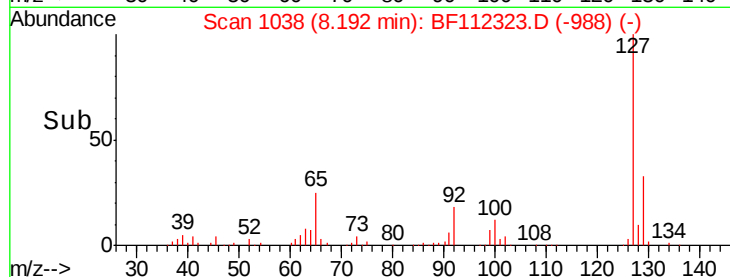
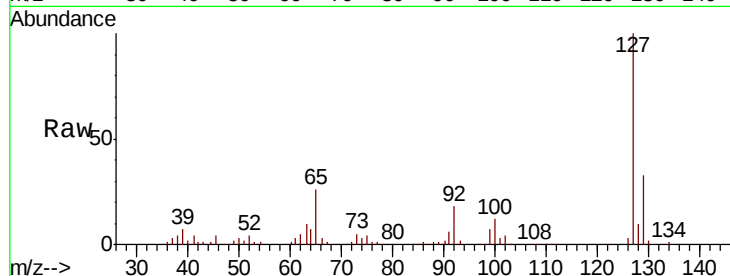




#33
4-Chloroaniline
Concen: 20.048 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

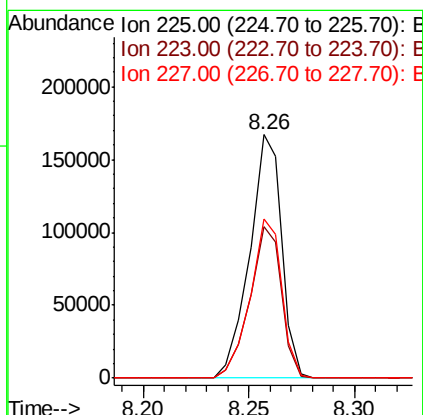
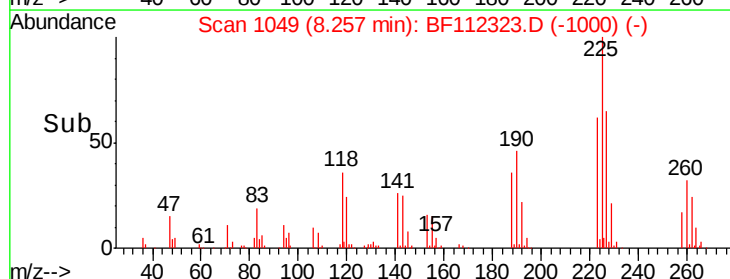
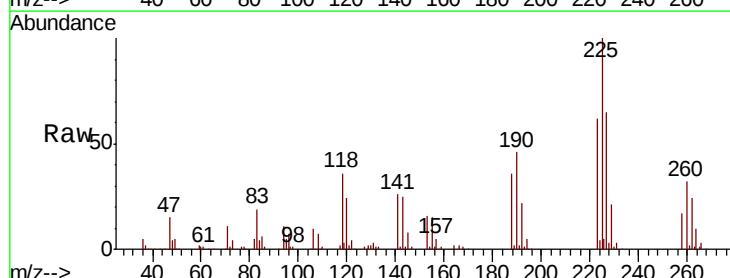
Instrument :
BNA_F
ClientSampleId :
PB116683BS

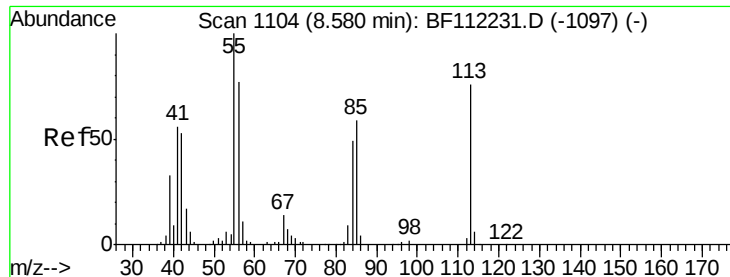
Tgt Ion:	127	Resp:	205122
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	39.8
65	26.0	21.4	32.2
92	18.0	14.2	21.2



#34
Hexachlorobutadiene
Concen: 36.341 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion:	225	Resp:	175912
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.3	75.5
227	65.2	51.8	77.8

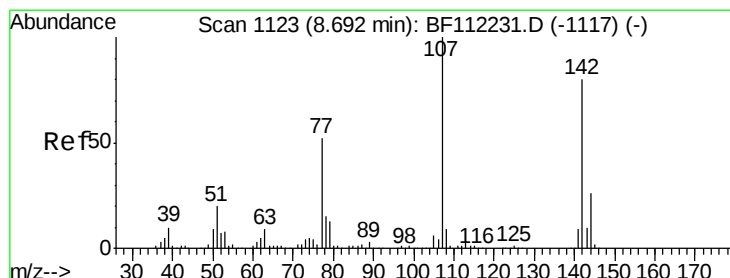
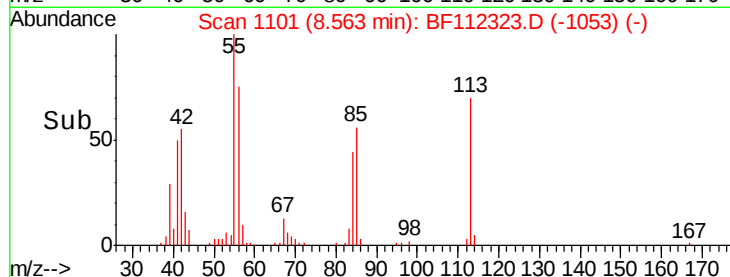
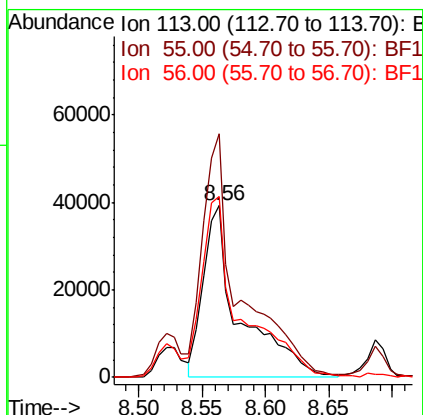
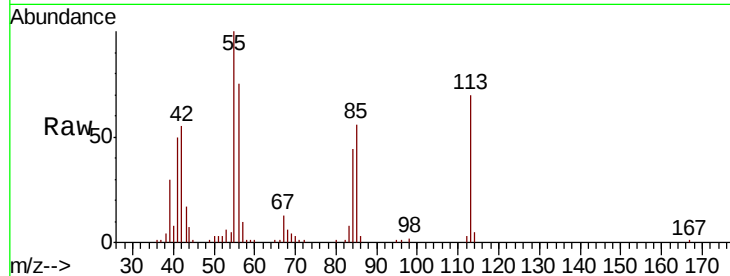




#35
 Caprolactam
 Concen: 31.033 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

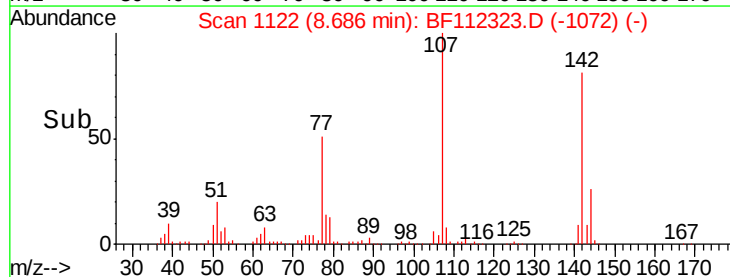
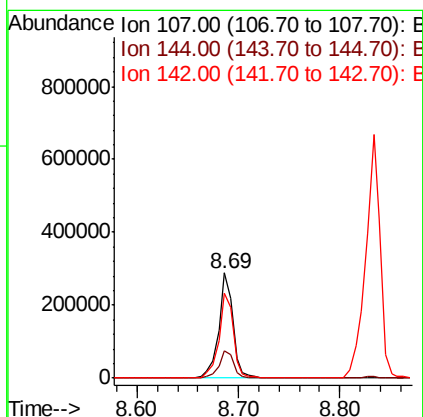
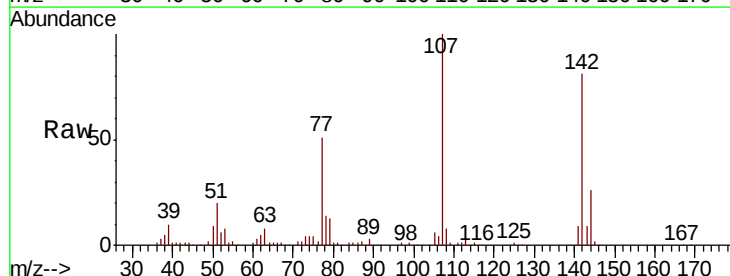
Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

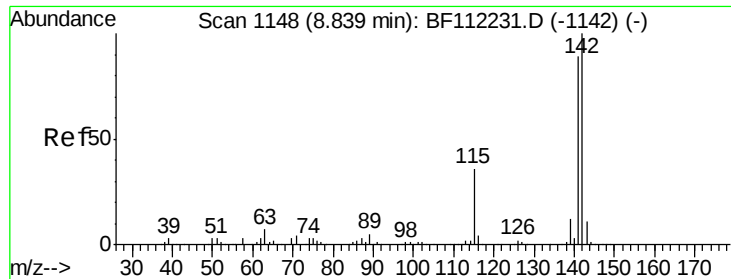
Tgt Ion:113 Resp: 78563
 Ion Ratio Lower Upper
 113 100
 55 141.9 121.6 161.6
 56 105.8 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.361 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion:107 Resp: 283831
 Ion Ratio Lower Upper
 107 100
 144 26.0 22.2 33.2
 142 81.2 67.7 101.5

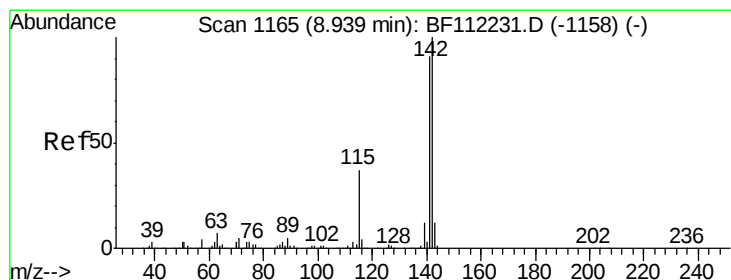
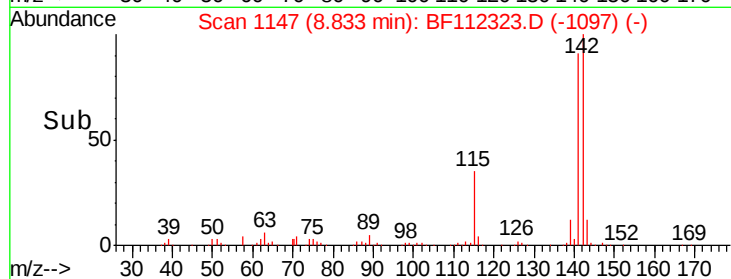
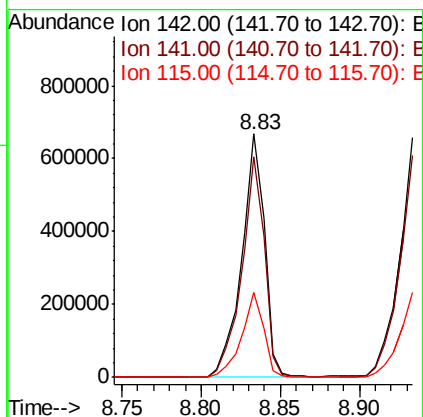
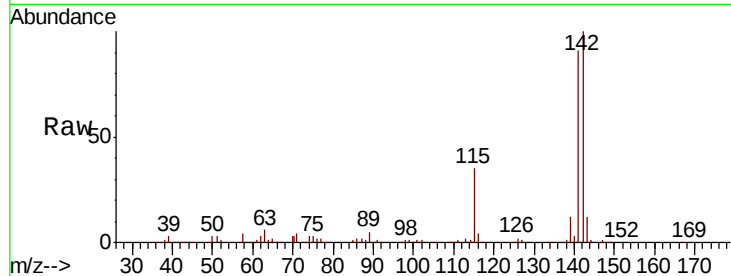




#37
2-Methylnaphthalene
Concen: 41.335 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

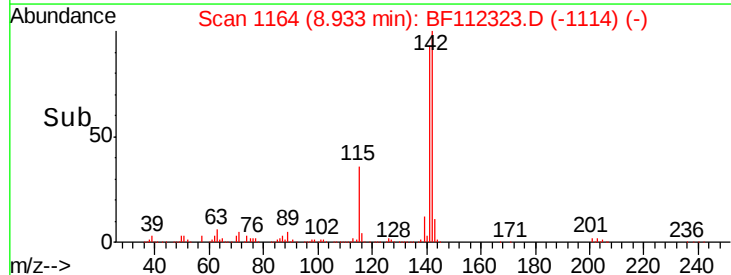
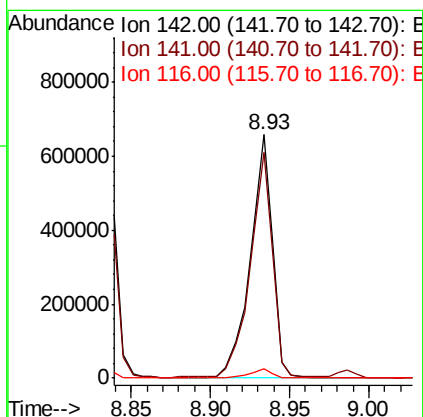
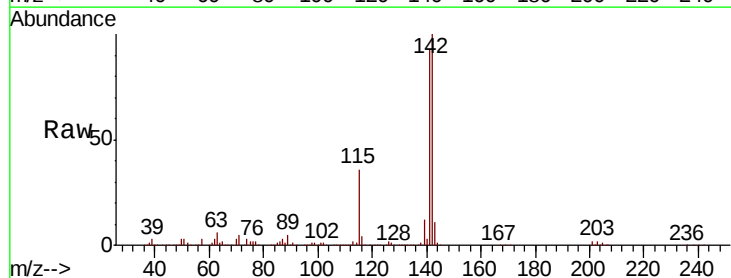
Instrument :
BNA_F
ClientSampleId :
PB116683BS

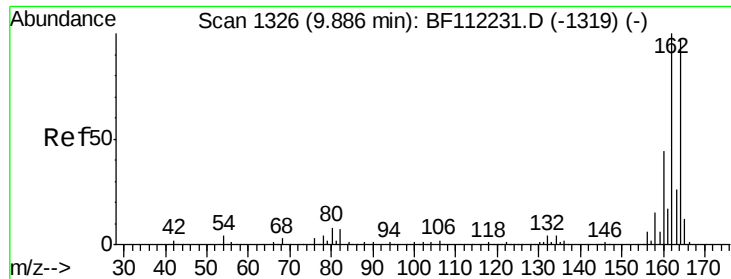
Tgt Ion:142 Resp: 664929
Ion Ratio Lower Upper
142 100
141 90.8 70.9 106.3
115 35.1 24.9 37.3



#38
1-Methylnaphthalene
Concen: 41.023 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion:142 Resp: 632513
Ion Ratio Lower Upper
142 100
141 92.7 72.6 108.8
116 3.9 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

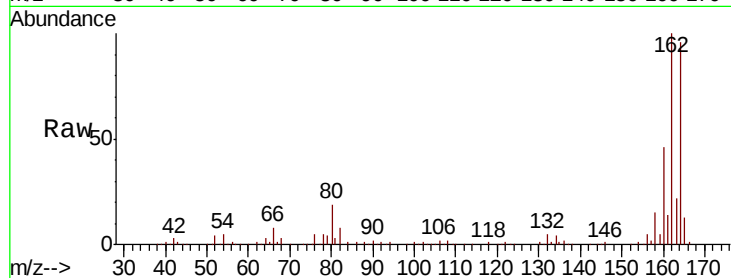
Tgt Ion:164 Resp: 243816

Ion Ratio Lower Upper

164 100

162 103.6 82.2 123.4

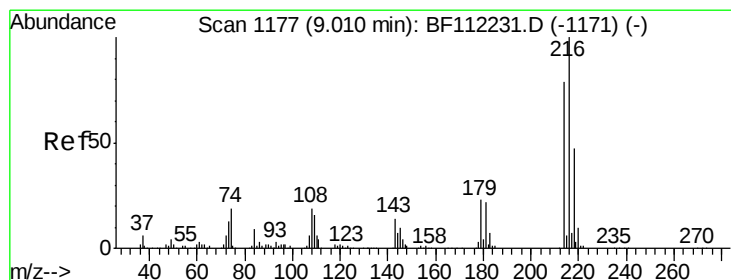
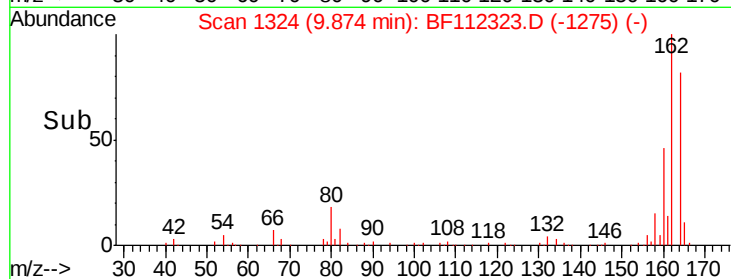
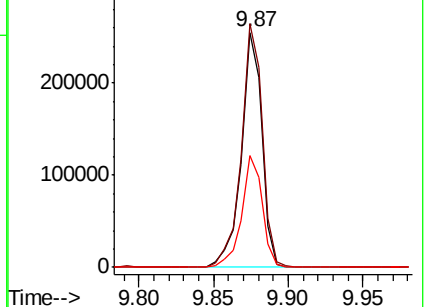
160 47.3 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.561 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Tgt Ion:216 Resp: 308695

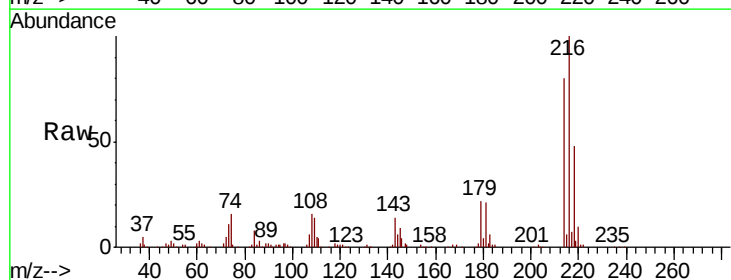
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 21.8 16.9 25.3

108 18.4 14.2 21.4

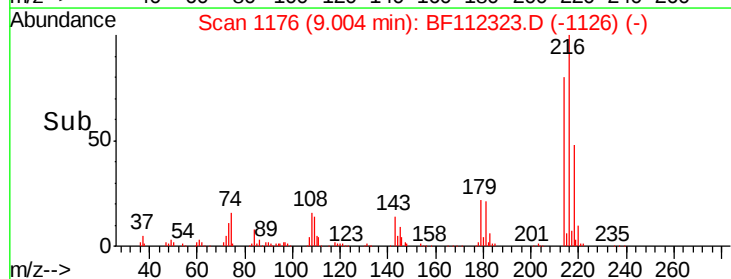
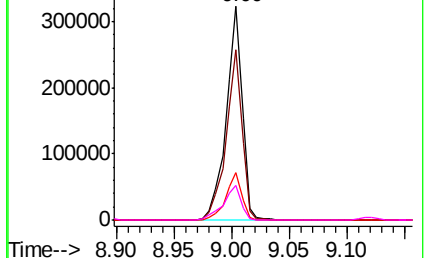


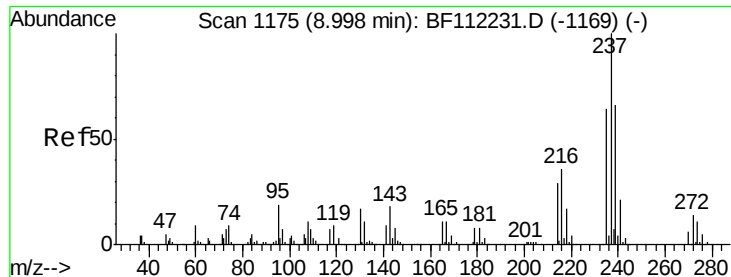
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.604 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

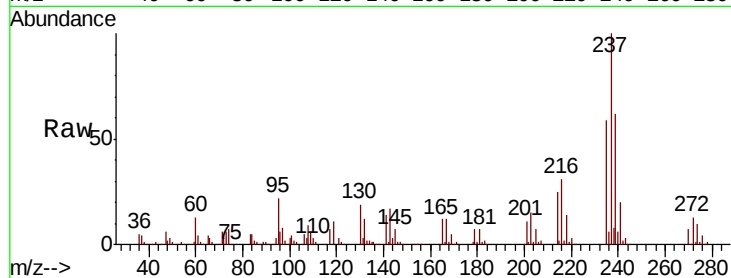
Tgt Ion:237 Resp: 138062

Ion Ratio Lower Upper

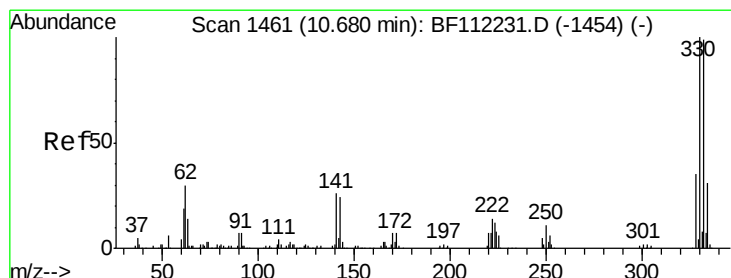
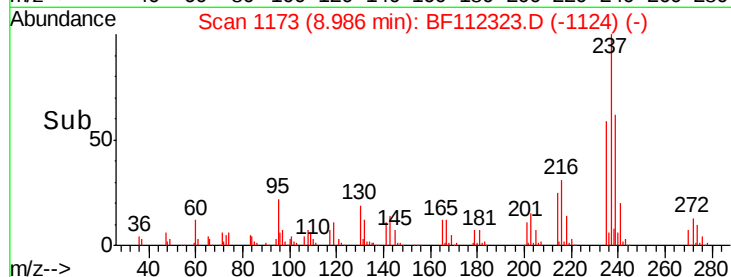
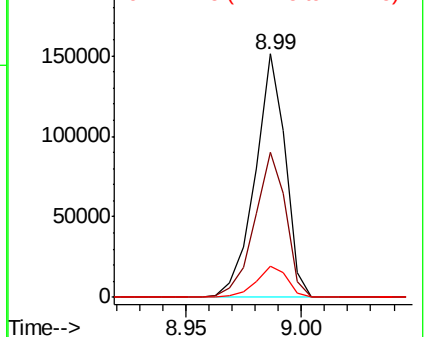
237 100

235 59.3 44.0 84.0

272 13.1 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 126.275 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

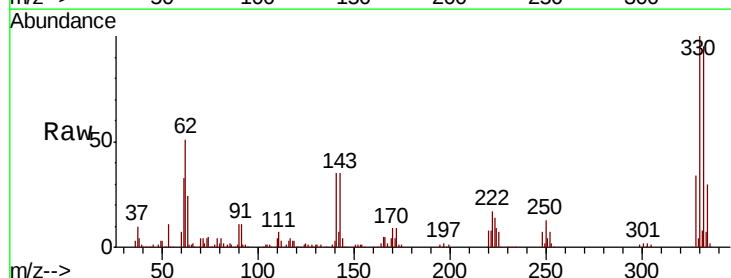
Tgt Ion:330 Resp: 358361

Ion Ratio Lower Upper

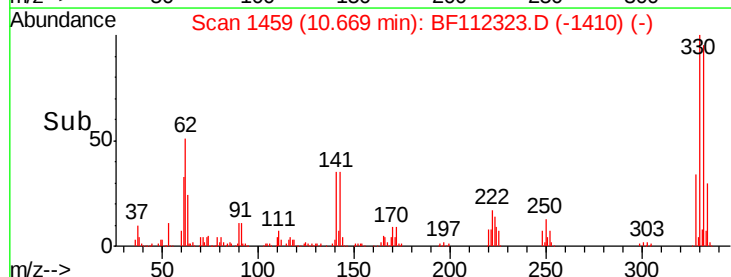
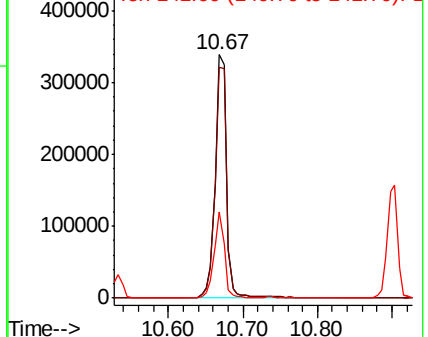
330 100

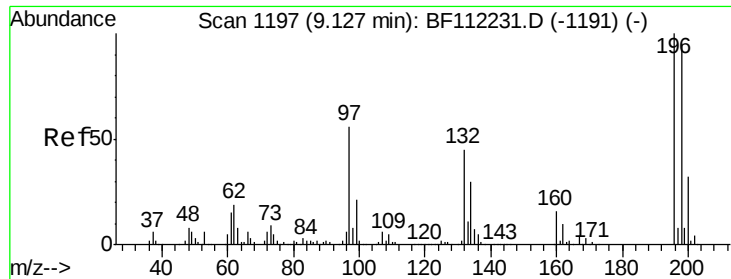
332 96.3 76.6 114.8

141 32.0 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

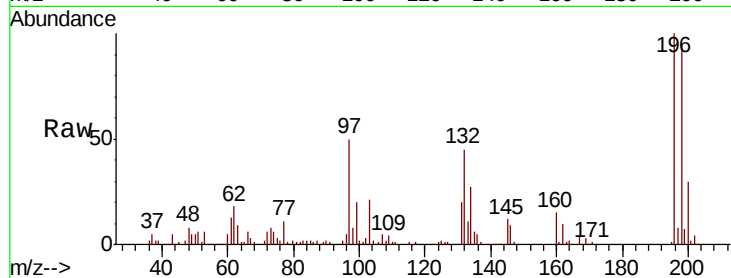




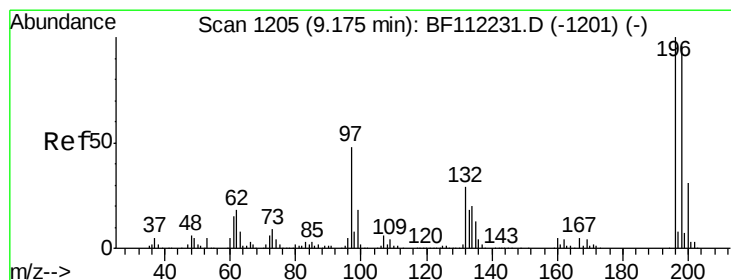
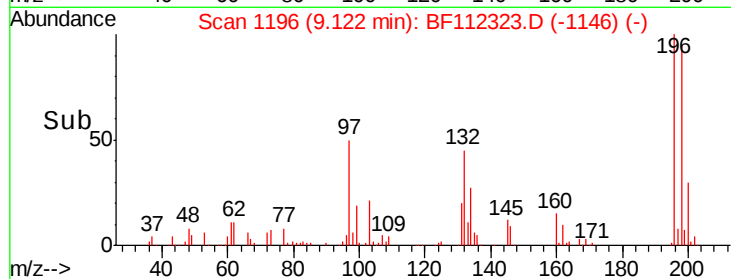
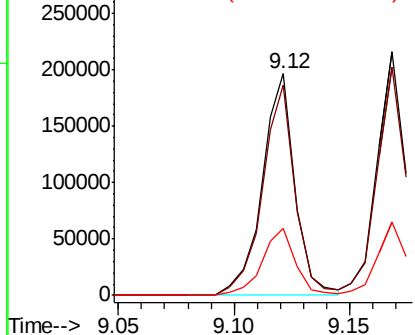
#43
 2,4,6-Trichlorophenol
 Concen: 39.221 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tgt Ion:196 Resp: 193540
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.2 114.4
 200 30.4 24.3 36.5



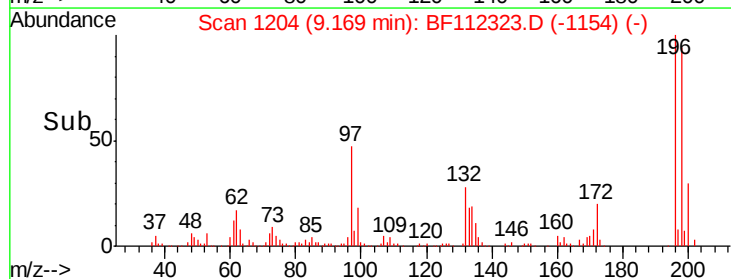
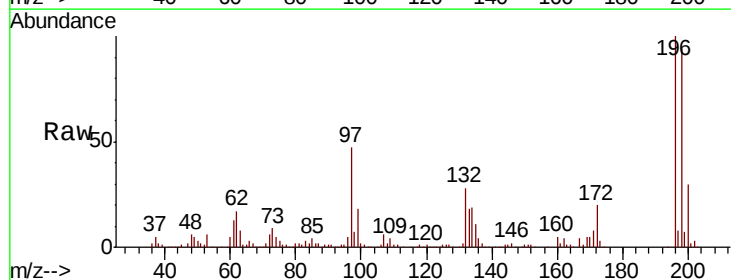
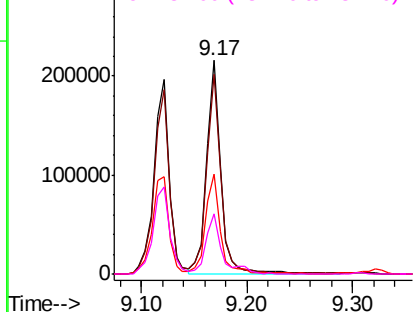
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

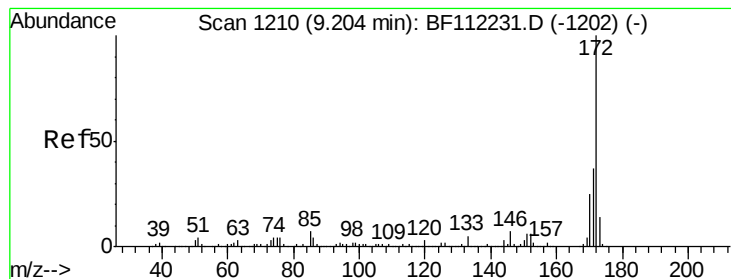


#44
 2,4,5-Trichlorophenol
 Concen: 38.945 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion:196 Resp: 200848
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.0 114.0
 97 46.8 36.4 54.6
 132 28.4 21.5 32.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 79.546 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

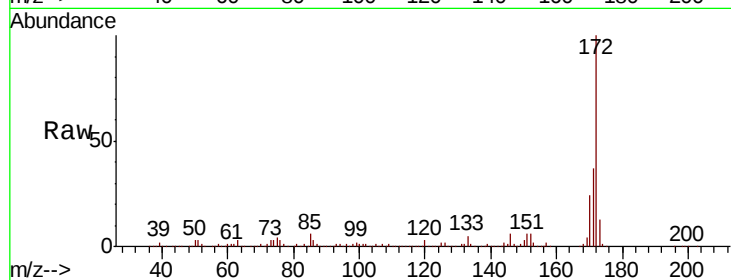
Tgt Ion:172 Resp: 1371288

Ion Ratio Lower Upper

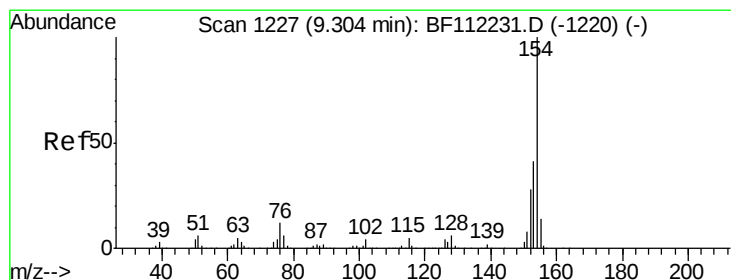
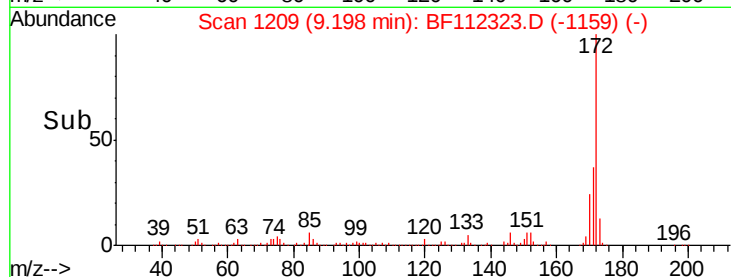
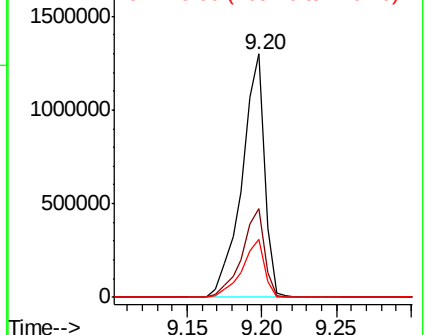
172 100

171 36.5 30.5 45.7

170 24.0 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.177 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

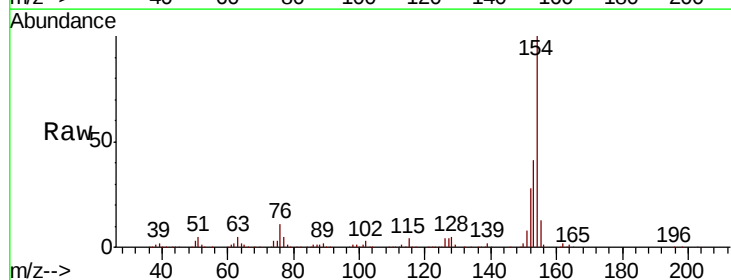
Tgt Ion:154 Resp: 813759

Ion Ratio Lower Upper

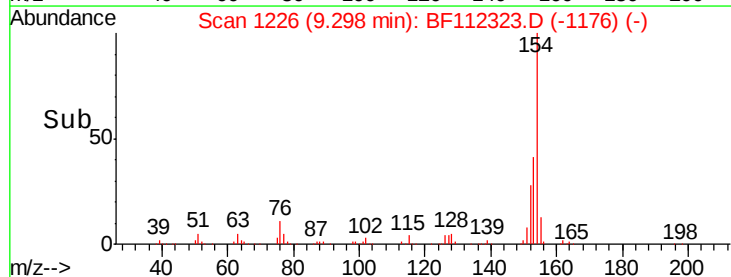
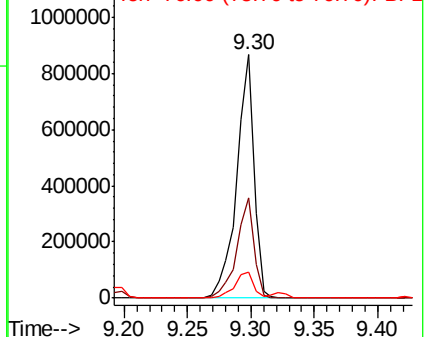
154 100

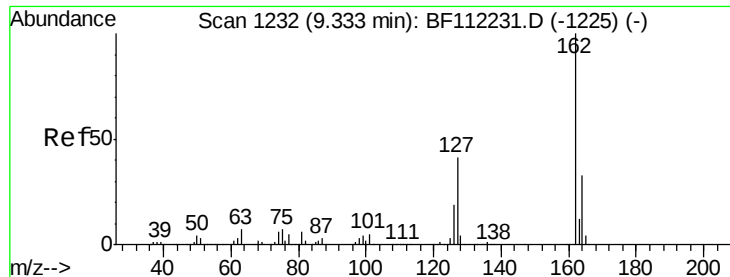
153 41.1 21.5 61.5

76 10.8 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

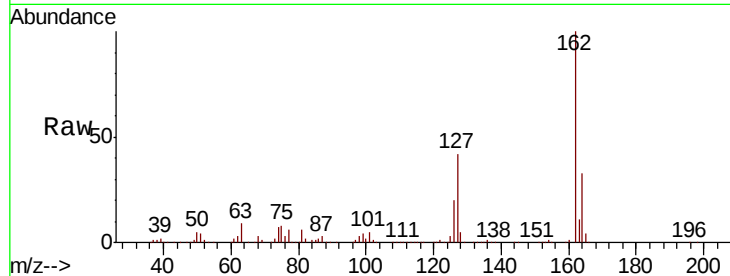




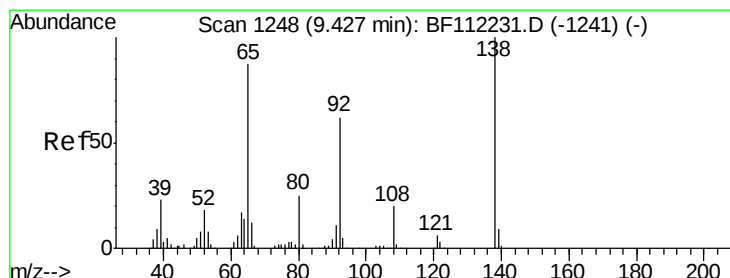
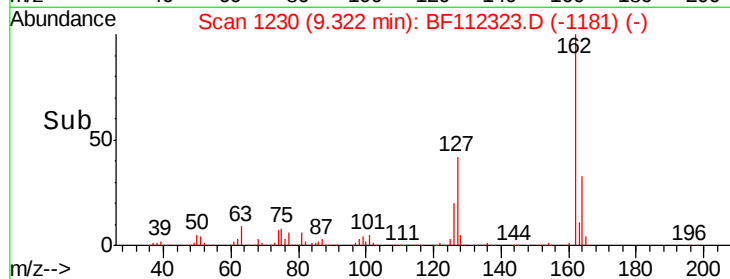
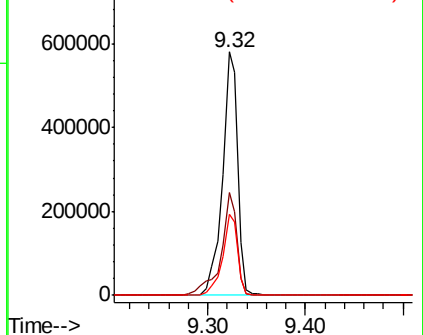
#47
 2-Chloronaphthalene
 Concen: 37.839 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	30.4	45.6
164	33.3	27.4	41.2

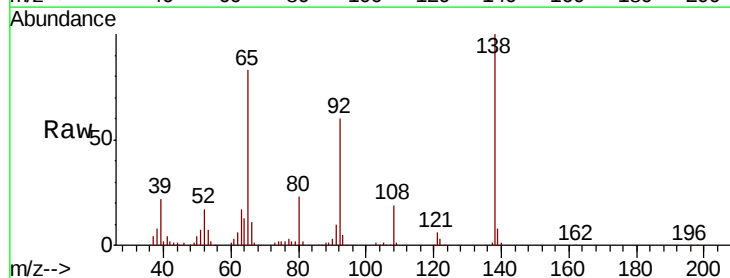


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

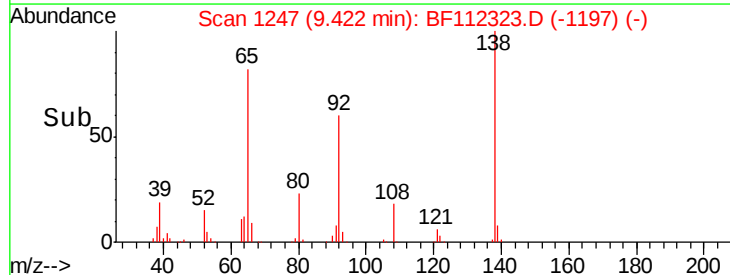
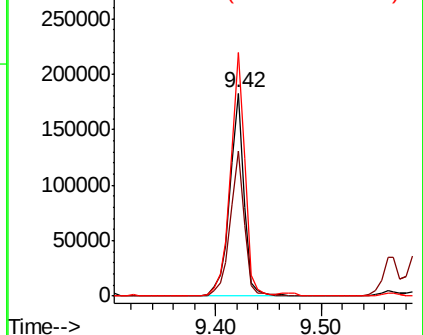


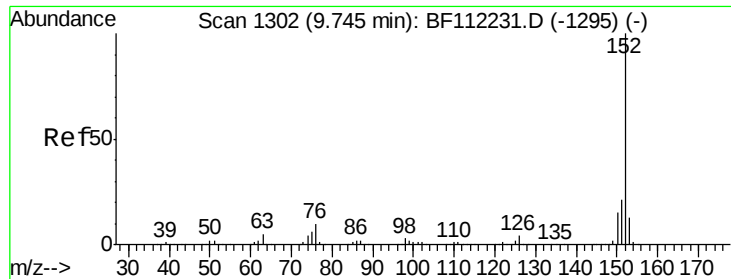
#48
 2-Nitroaniline
 Concen: 37.947 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	60.4	90.6
138	119.9	104.4	156.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.742 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

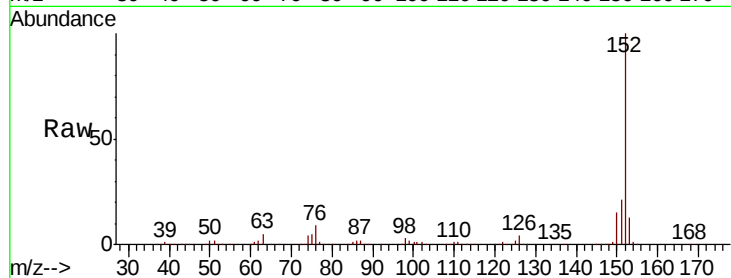
Tgt Ion:152 Resp: 987064

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.6

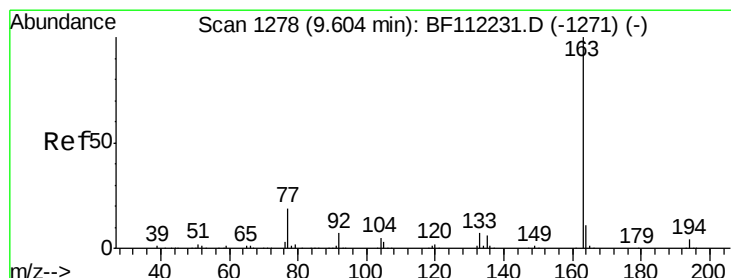
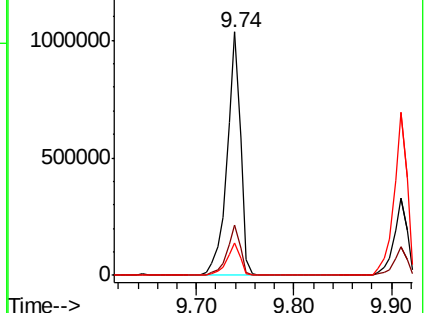
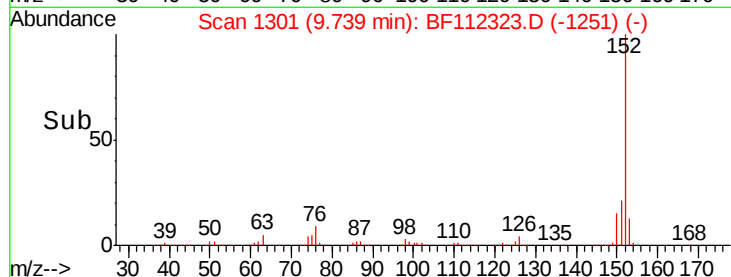
153 13.5 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.457 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

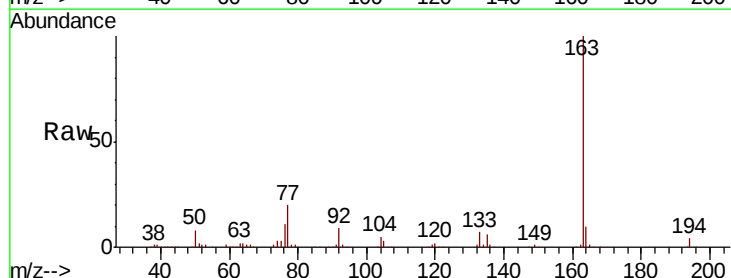
Tgt Ion:163 Resp: 728504

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

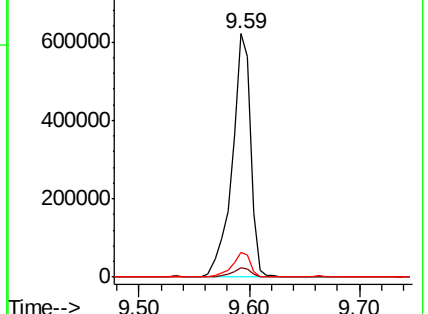
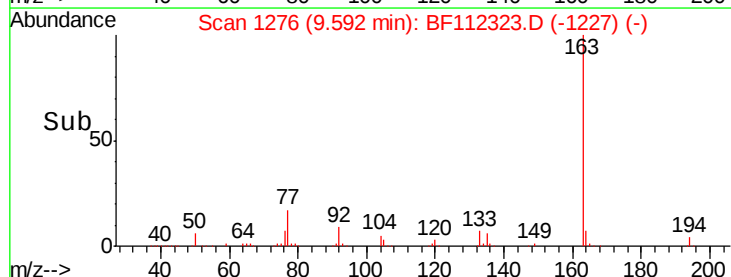
164 10.2 8.5 12.7

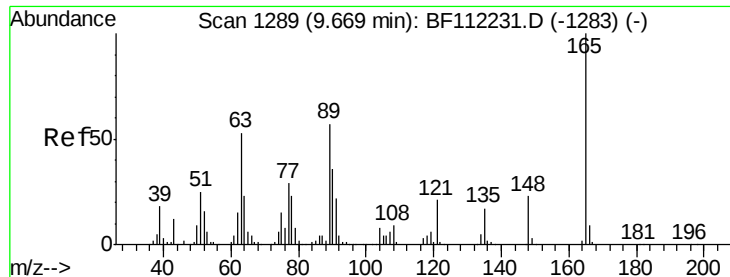


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.708 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

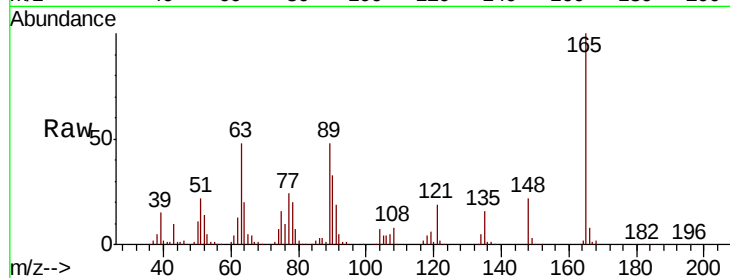
Tgt Ion:165 Resp: 164222

Ion Ratio Lower Upper

165 100

63 47.8 33.8 50.8

89 48.4 36.9 55.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

250000

200000

150000

100000

50000

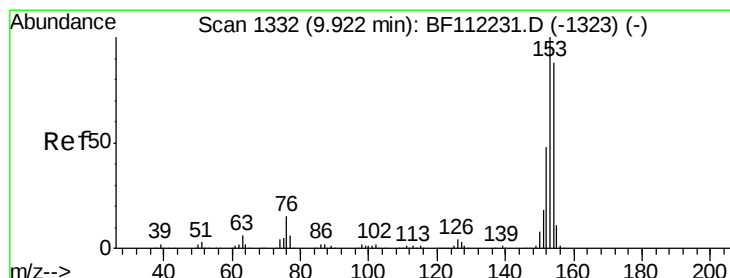
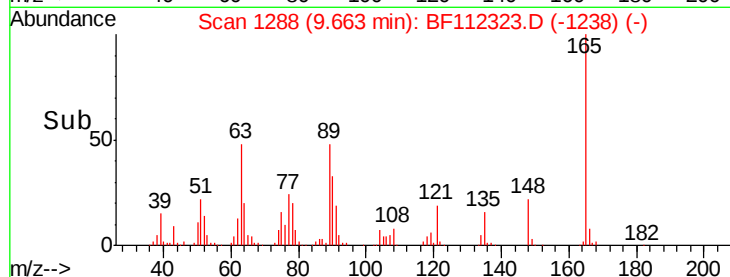
0

9.66

9.65

9.70

Time-->



#52

Acenaphthene

Concen: 39.317 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

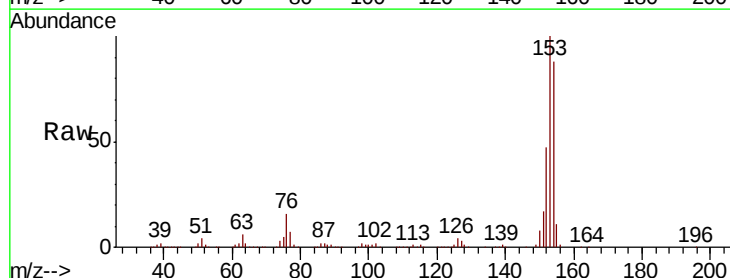
Tgt Ion:154 Resp: 569026

Ion Ratio Lower Upper

154 100

153 113.9 89.8 134.6

152 53.6 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

800000

600000

400000

200000

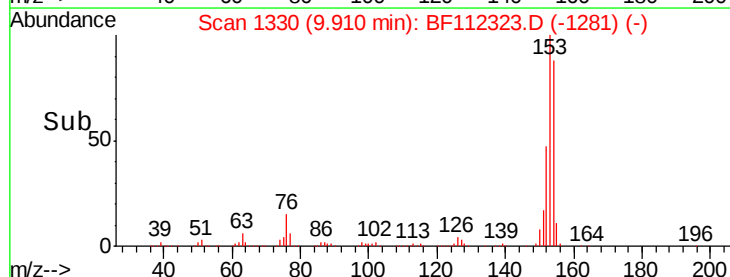
0

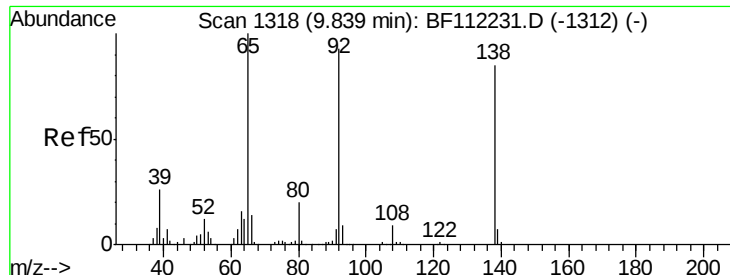
9.91

9.85

9.95

Time-->

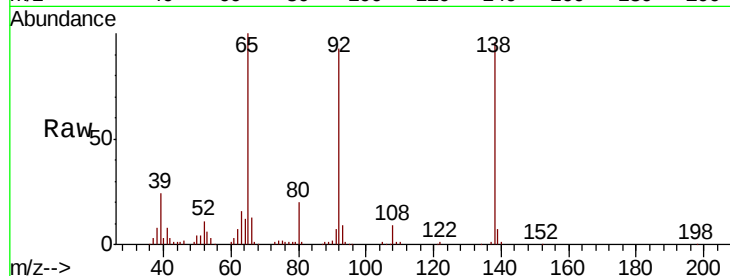




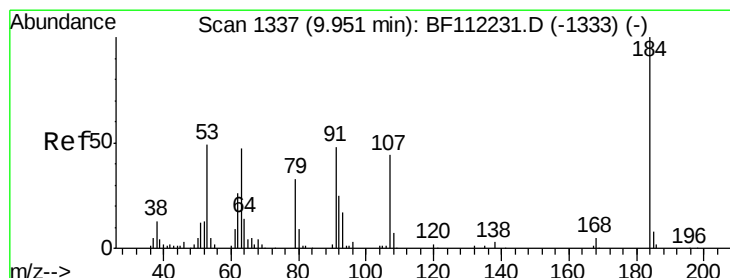
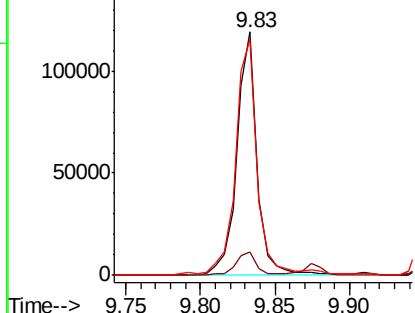
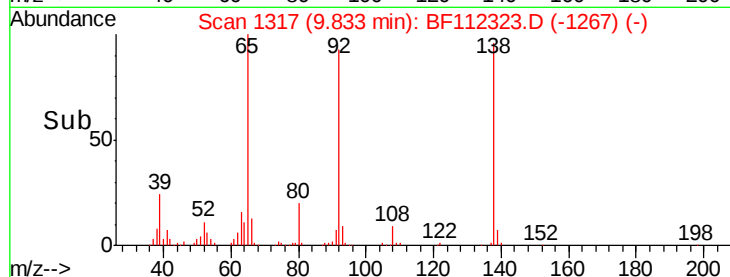
#53
3-Nitroaniline
Concen: 24.607 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tgt Ion:138 Resp: 113099
Ion Ratio Lower Upper
138 100
108 9.8 9.8 14.6
92 96.9 79.4 119.2

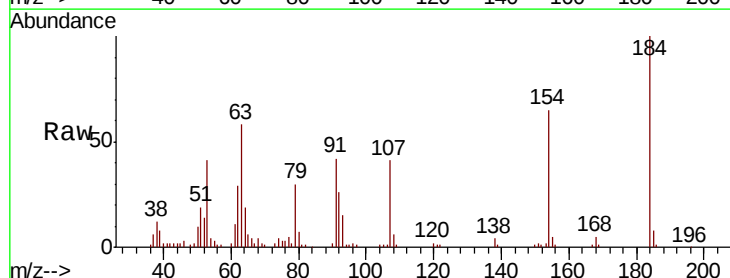


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

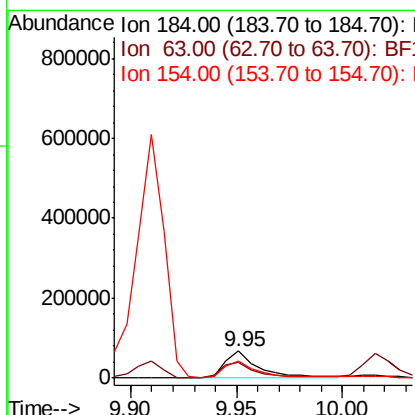
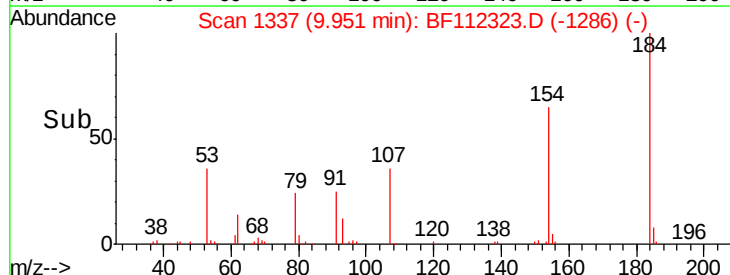


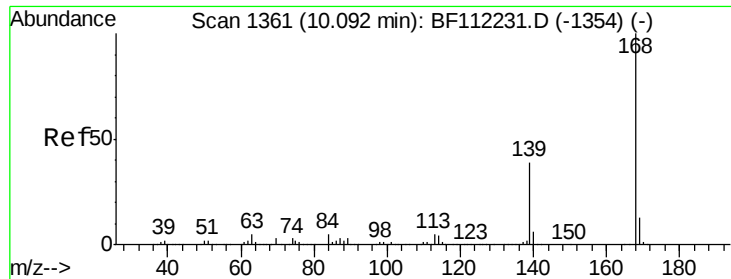
#54
2,4-Dinitrophenol
Concen: 55.039 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion:184 Resp: 74939
Ion Ratio Lower Upper
184 100
63 57.7 47.1 70.7
154 64.8 48.9 73.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

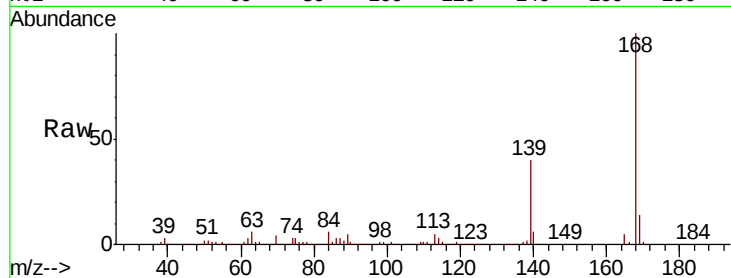




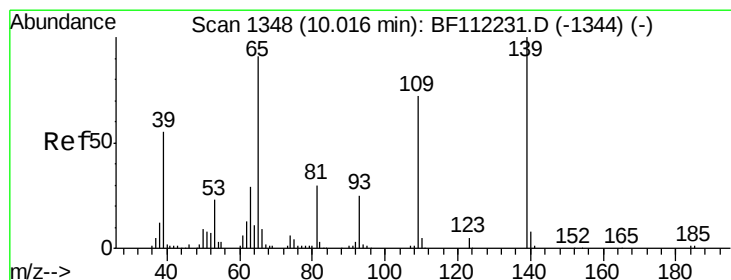
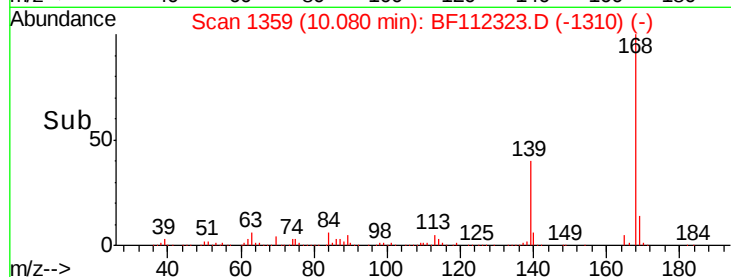
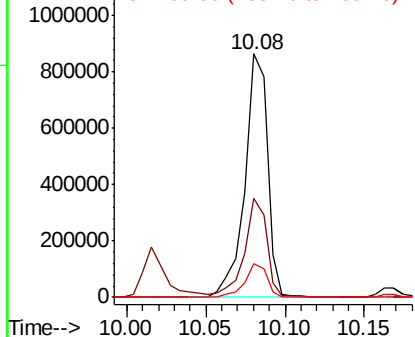
#55
Dibenzenofuran
Concen: 38.804 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tgt Ion:168 Resp: 858211
Ion Ratio Lower Upper
168 100
139 40.5 29.2 43.8
169 13.6 11.4 17.0

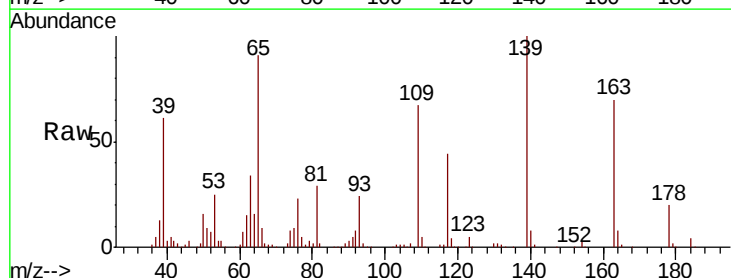


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

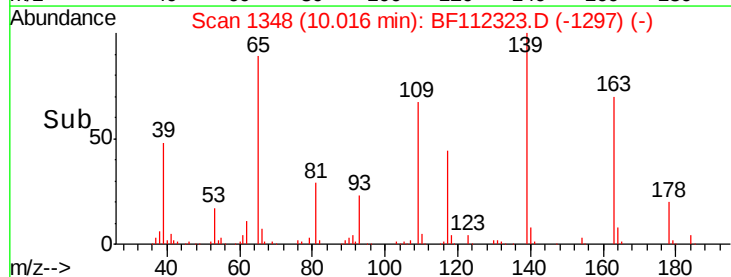
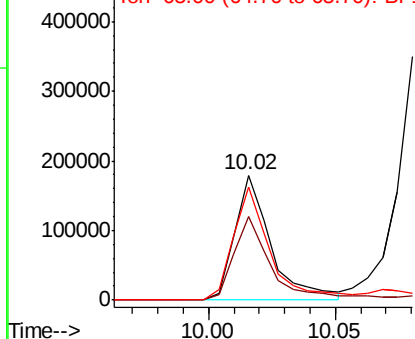


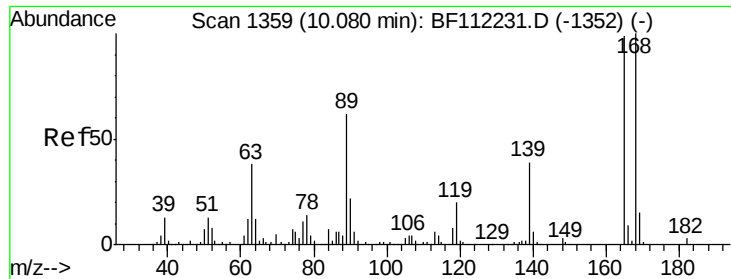
#56
4-Nitrophenol
Concen: 73.488 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion:139 Resp: 178578
Ion Ratio Lower Upper
139 100
109 66.9 42.8 82.8
65 90.7 66.1 106.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

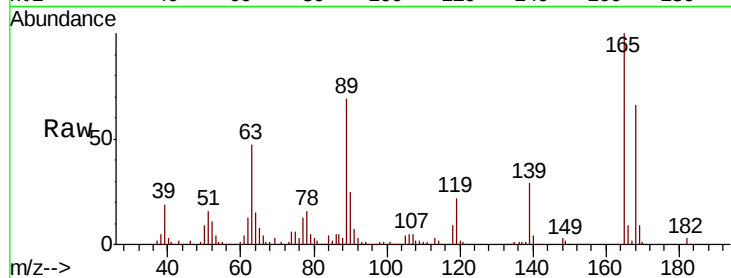




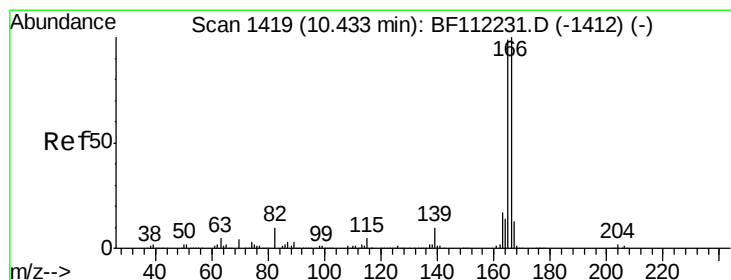
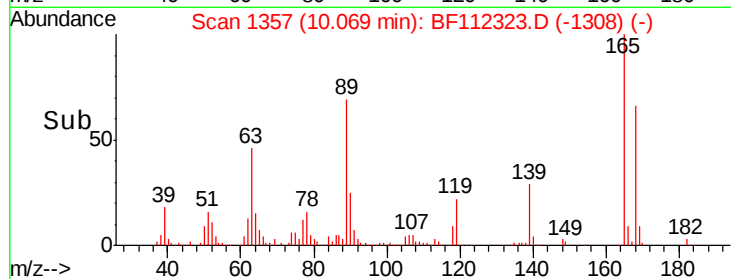
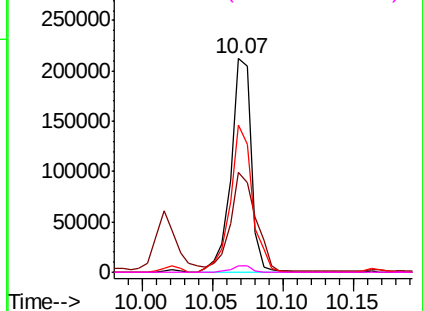
#57
 2,4-Dinitrotoluene
 Concen: 39.179 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tgt Ion:	165	Resp:	211611
Ion	Ratio	Lower	Upper
165	100		
63	46.6	27.9	41.9#
89	69.2	47.9	71.9
182	2.8	2.2	3.4

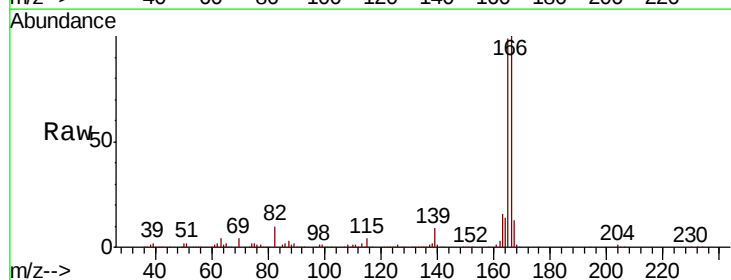


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

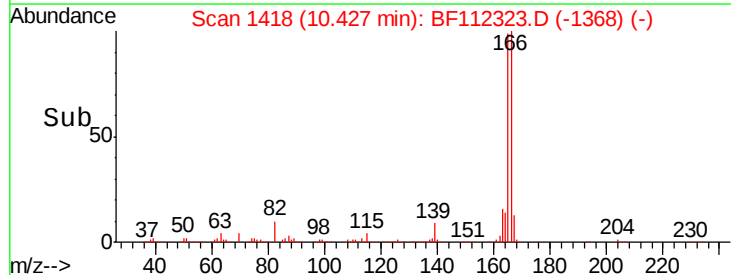
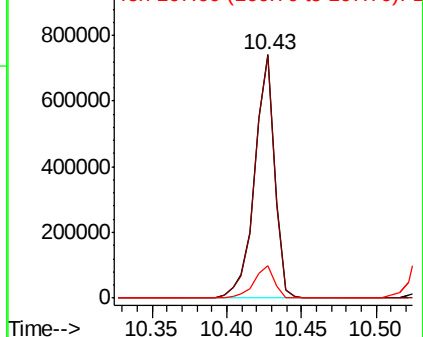


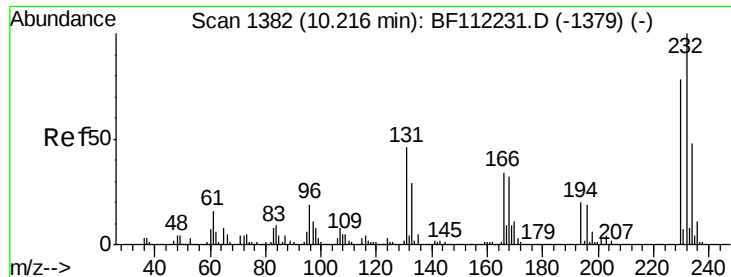
#58
 Fluorene
 Concen: 41.111 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion:	166	Resp:	680402
Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.1	115.7
167	13.4	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

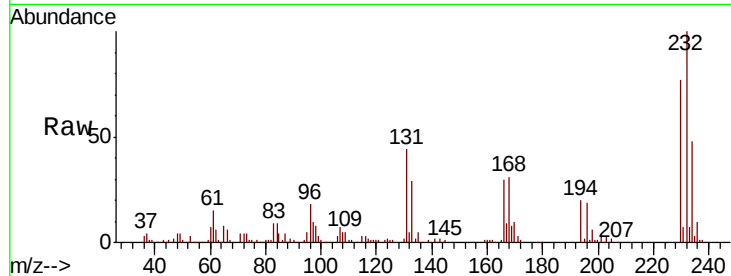




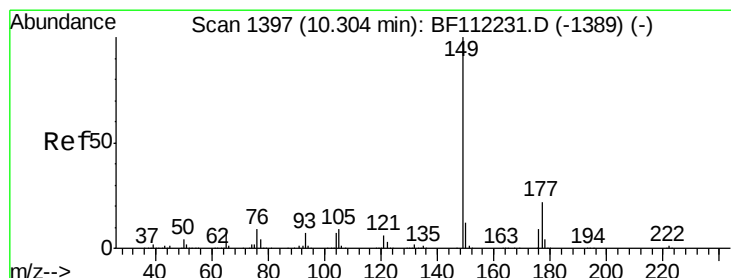
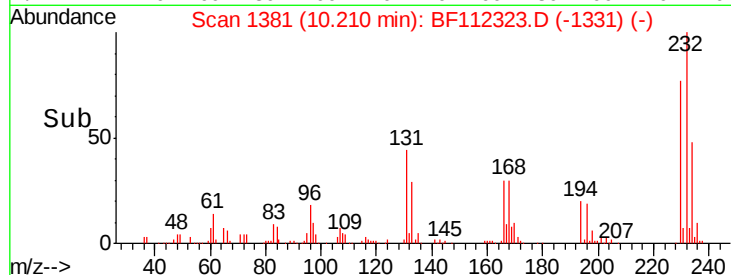
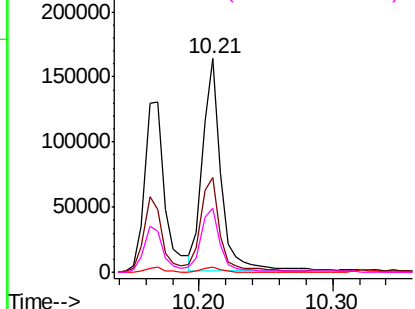
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.968 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tgt Ion:232 Resp: 155770
Ion Ratio Lower Upper
232 100
131 45.8 33.9 50.9
130 2.4 1.8 2.6
166 30.9 23.6 35.4

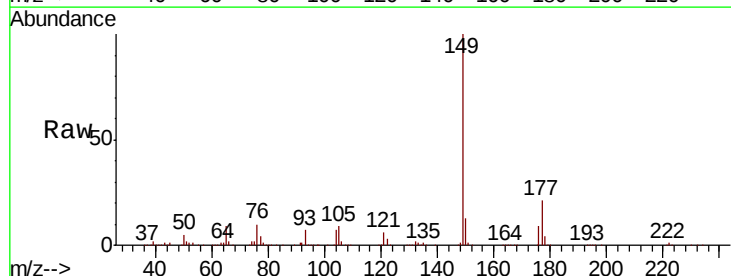


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

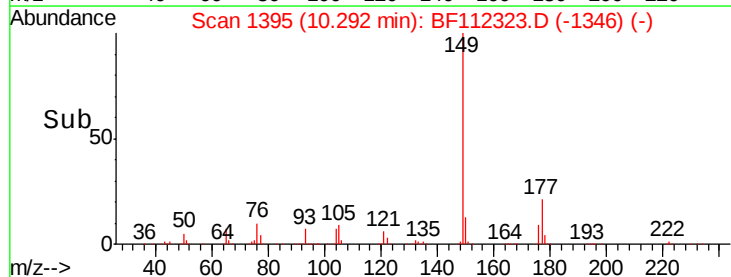
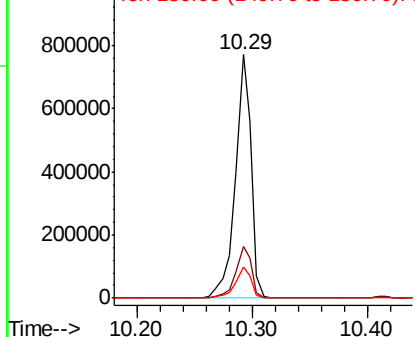


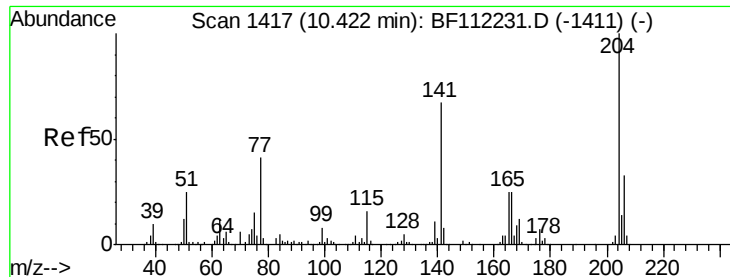
#60
Diethylphthalate
Concen: 38.350 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion:149 Resp: 720941
Ion Ratio Lower Upper
149 100
177 21.3 18.2 27.2
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

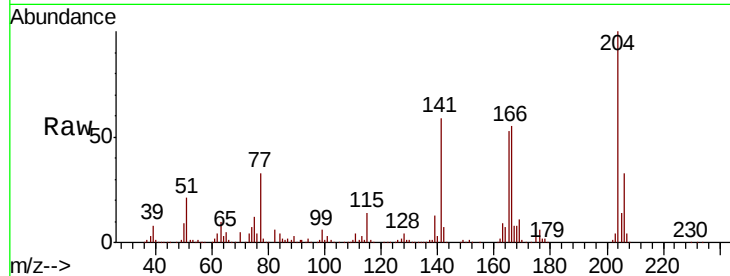




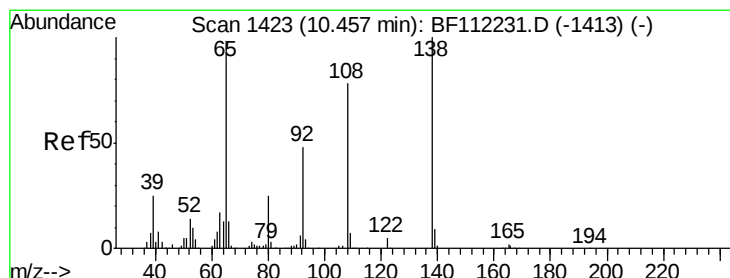
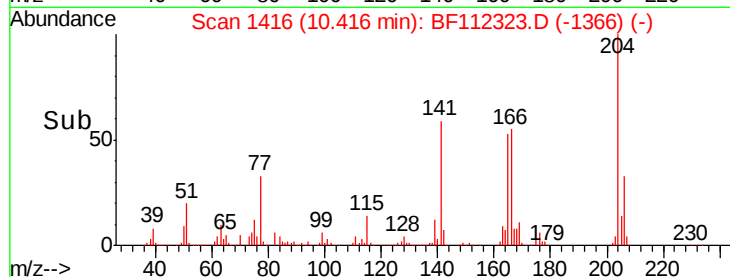
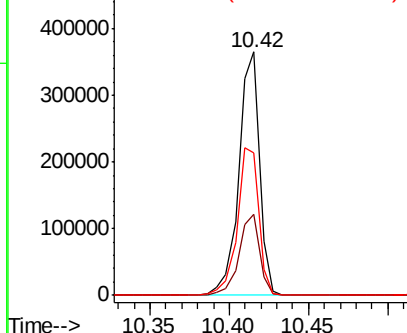
#61
4-Chlorophenyl-phenylether
Concen: 36.653 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tgt Ion: 204 Resp: 329986
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 58.6 45.9 68.9

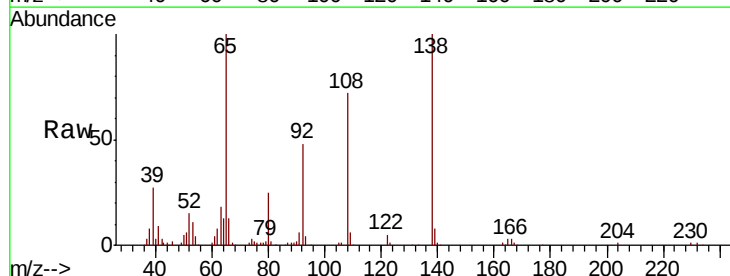


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

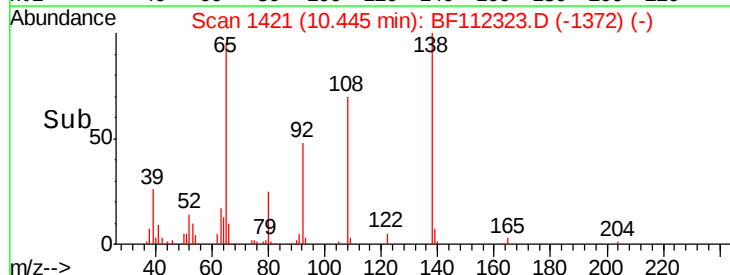
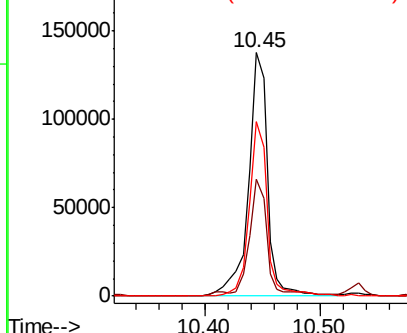


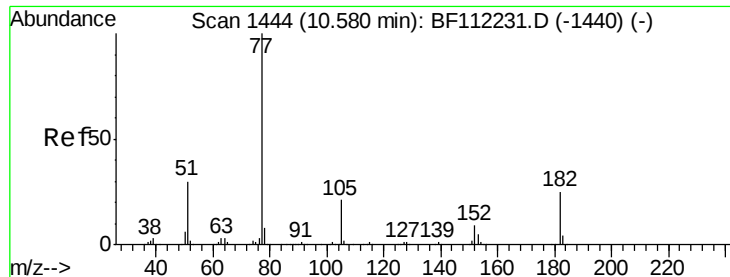
#62
4-Nitroaniline
Concen: 35.072 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion: 138 Resp: 158117
Ion Ratio Lower Upper
138 100
92 48.0 30.6 70.6
108 71.8 50.0 90.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.463 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

Tgt Ion: 77 Resp: 619398

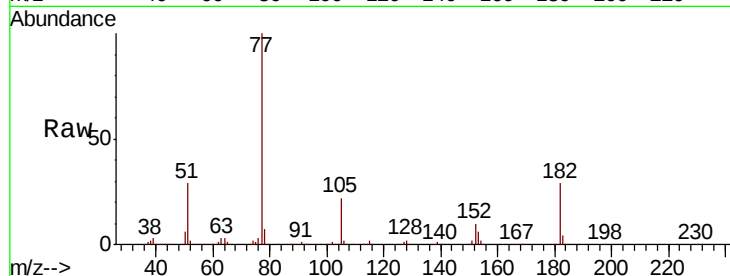
Ion Ratio Lower Upper

77 100

182 28.5 5.7 45.7

105 22.0 1.4 41.4

51 29.0 9.5 49.5

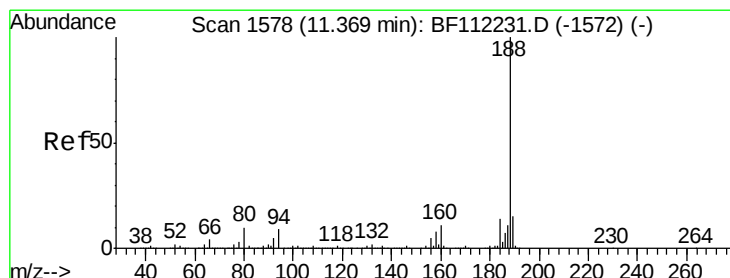
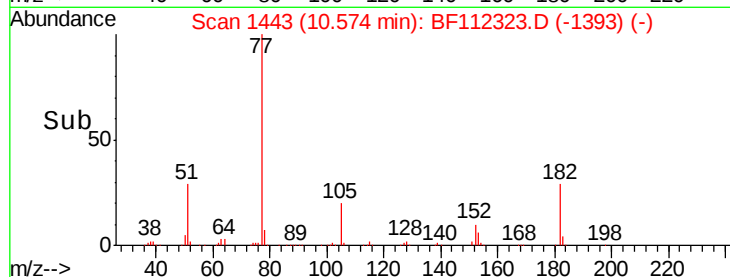
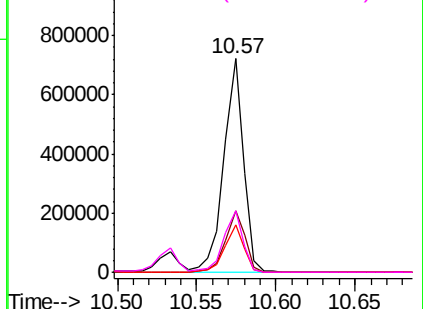


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

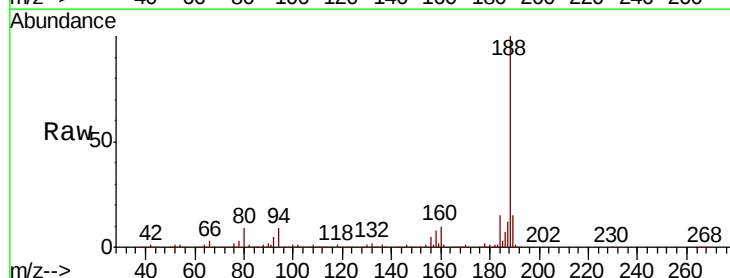
Tgt Ion: 188 Resp: 456230

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

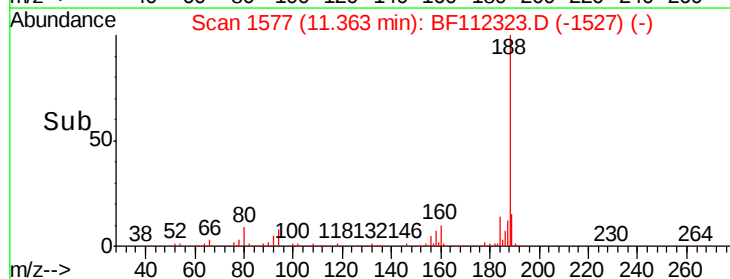
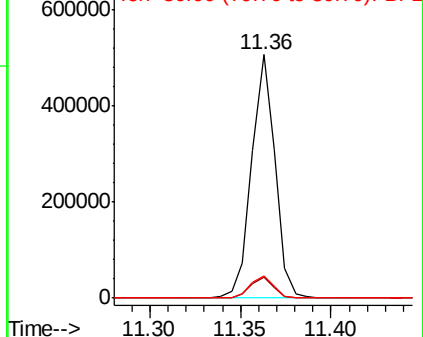
80 9.2 8.9 13.3

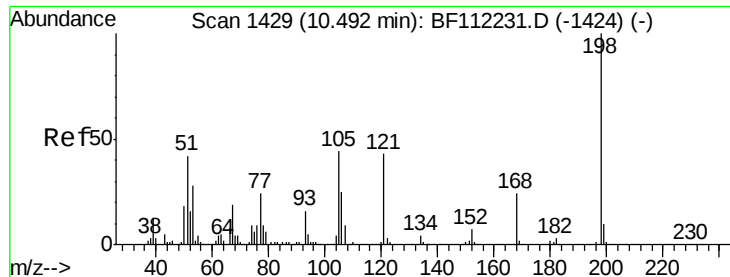


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

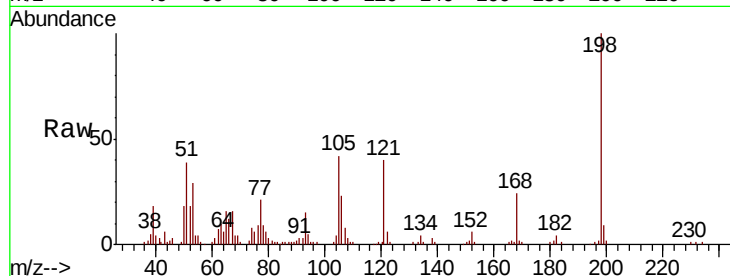




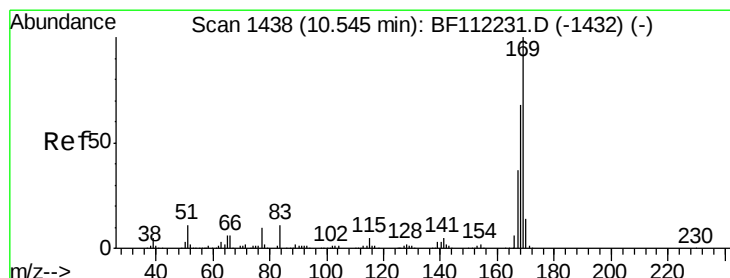
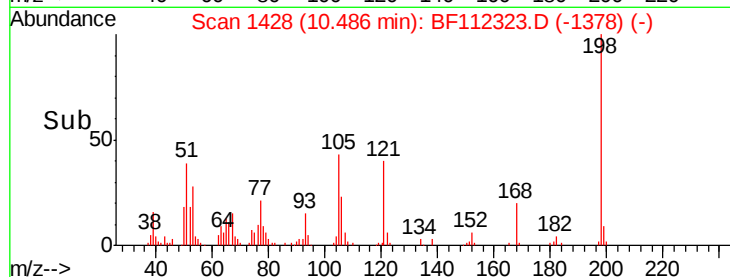
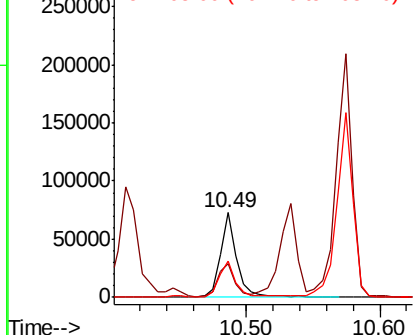
#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.908 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tgt Ion:198 Resp: 63713
 Ion Ratio Lower Upper
 198 100
 51 39.3 17.2 57.2
 105 42.5 21.9 61.9

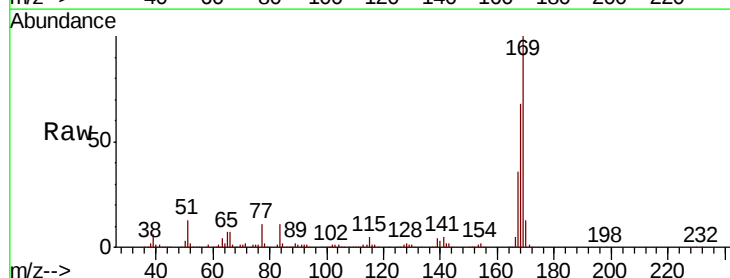


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

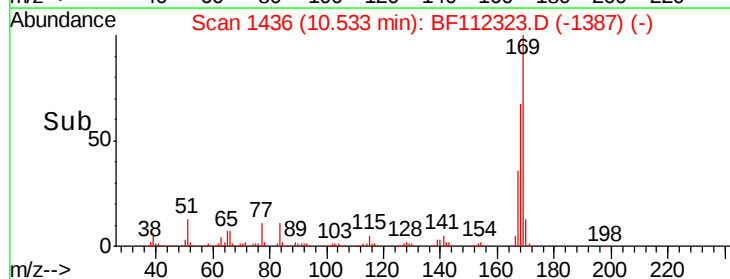
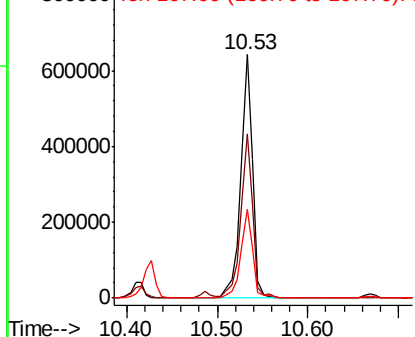


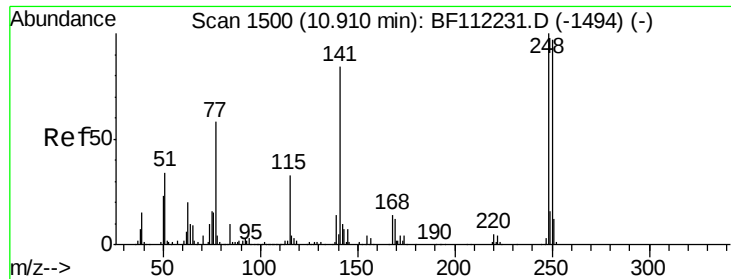
#66
 n-Nitrosodiphenylamine
 Concen: 38.798 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion:169 Resp: 596564
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.9 80.9
 167 36.4 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

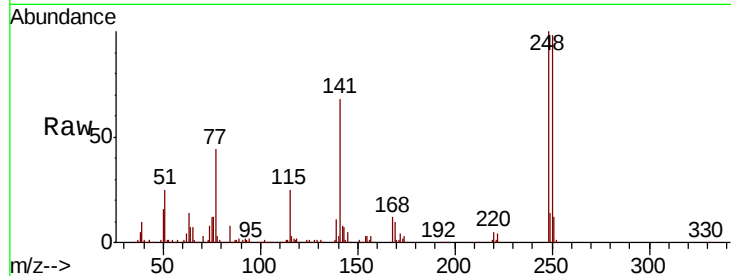




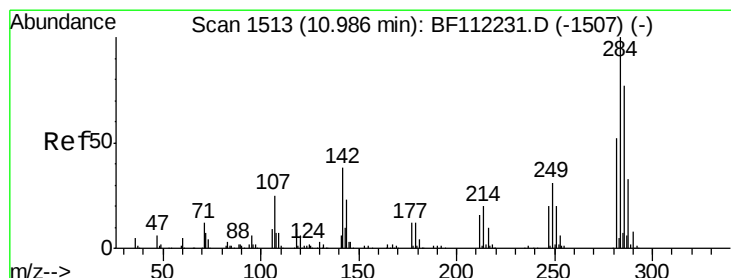
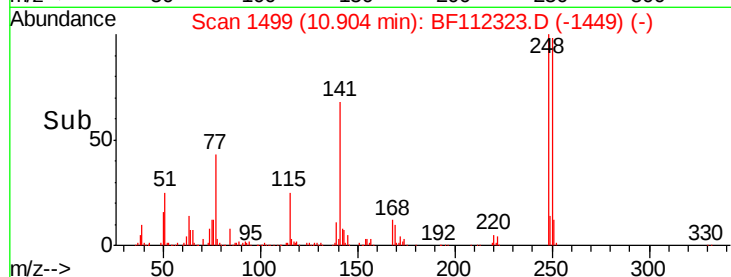
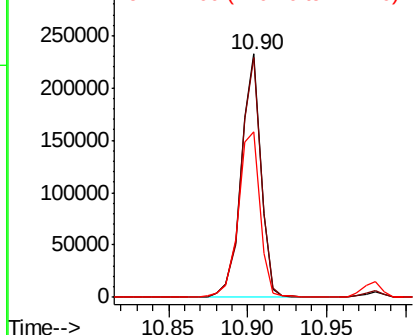
#67
 4-Bromophenyl-phenylether
 Concen: 37.345 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tgt Ion:248 Resp: 200392
 Ion Ratio Lower Upper
 248 100
 250 98.2 79.7 119.5
 141 67.9 60.3 90.5

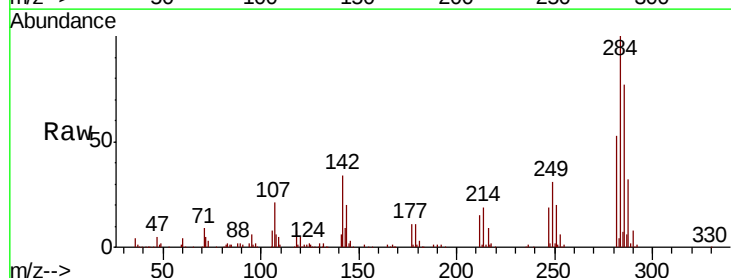


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

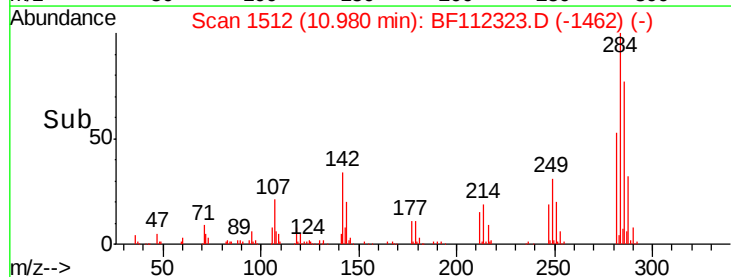
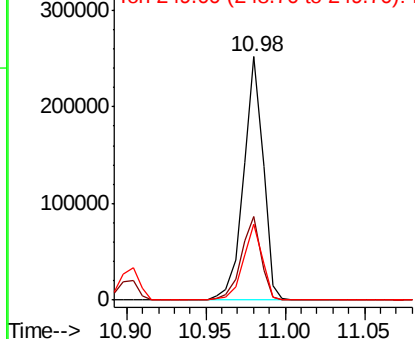


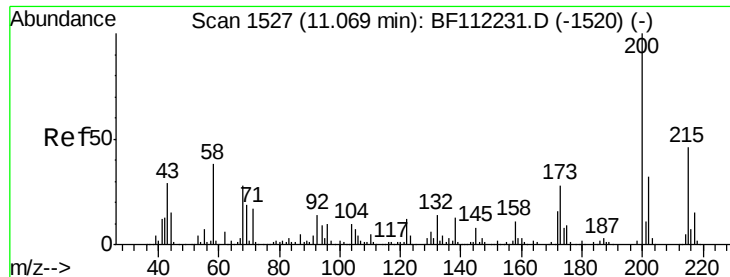
#68
 Hexachlorobenzene
 Concen: 37.446 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion:284 Resp: 215575
 Ion Ratio Lower Upper
 284 100
 142 34.4 27.6 41.4
 249 31.3 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

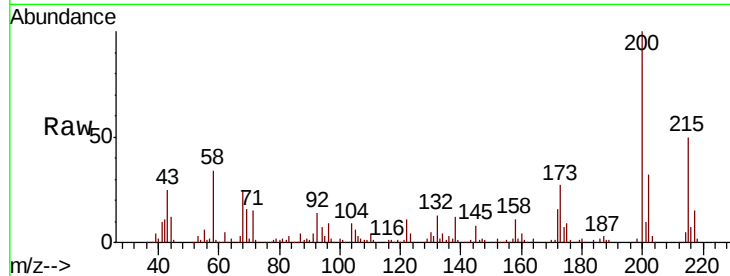




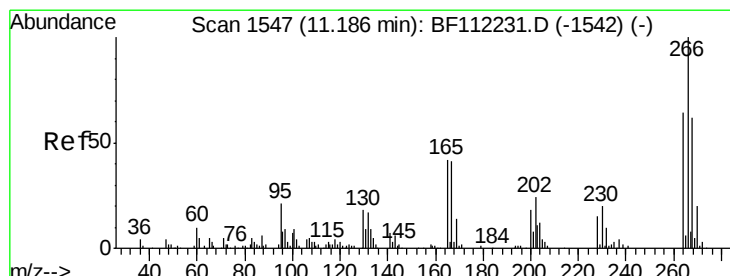
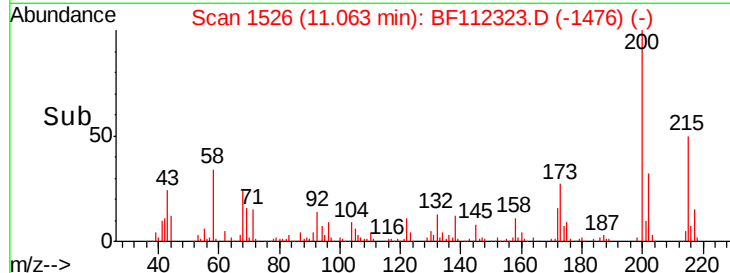
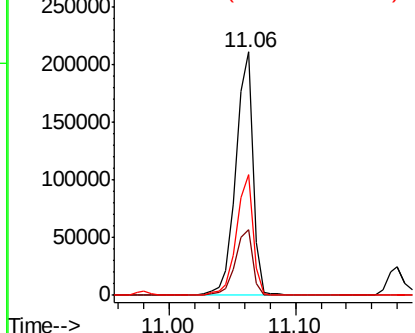
#69
 Atrazine
 Concen: 39.466 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampled :
 PB116683BS

Tgt Ion:200 Resp: 195806
 Ion Ratio Lower Upper
 200 100
 173 26.8 7.1 47.1
 215 49.6 30.4 70.4

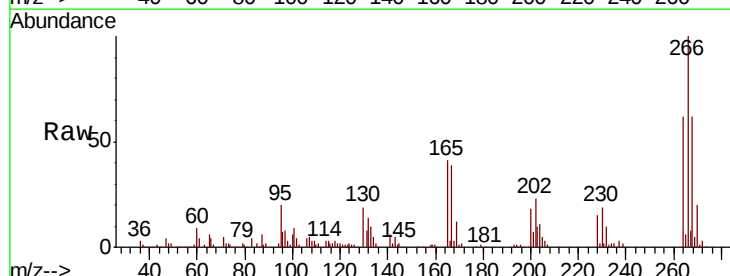


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

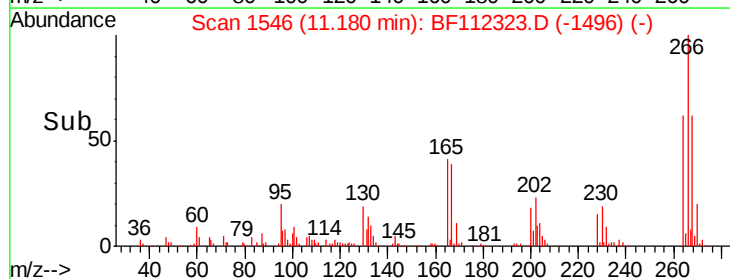
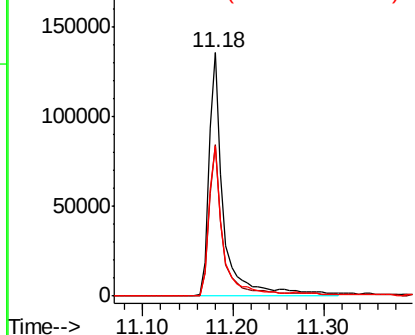


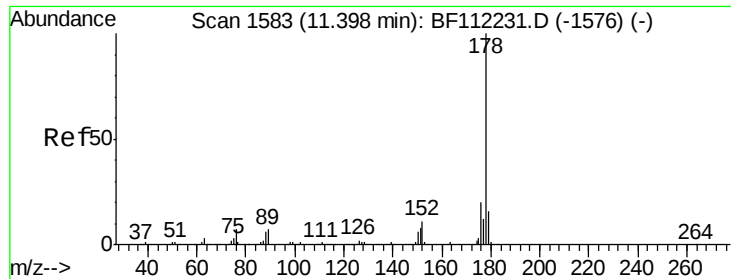
#70
 Pentachlorophenol
 Concen: 69.226 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion:266 Resp: 155072
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.2 76.8
 264 61.6 50.9 76.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

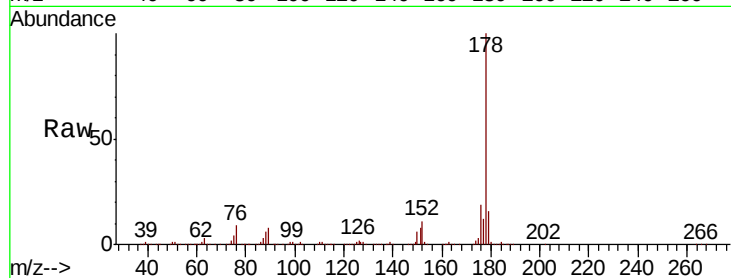




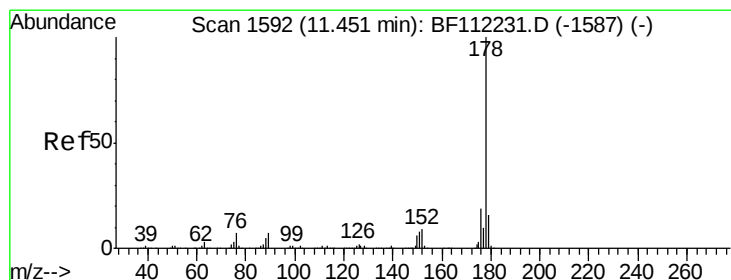
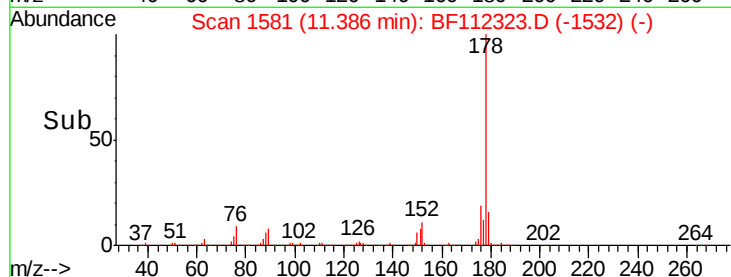
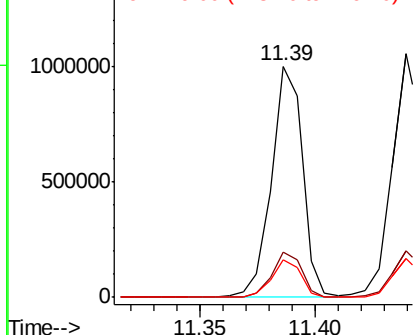
#71
 Phenanthrene
 Concen: 39.412 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tgt Ion:178 Resp: 934804
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.3 24.5
 179 16.0 13.0 19.4

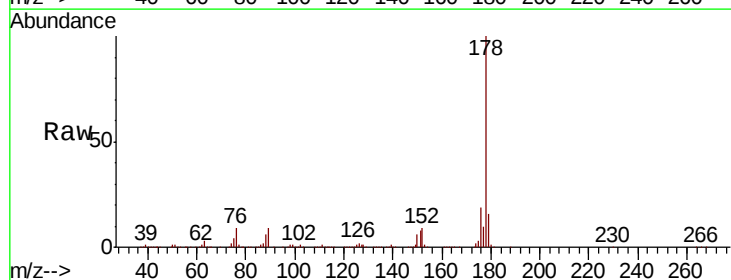


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

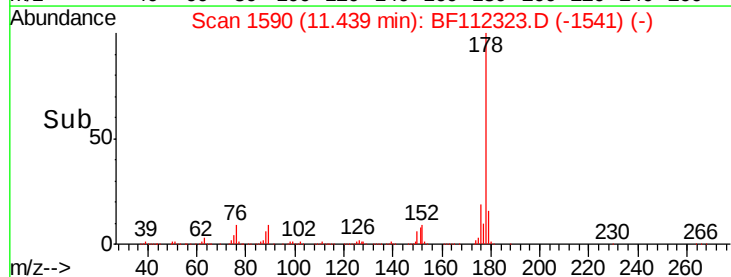
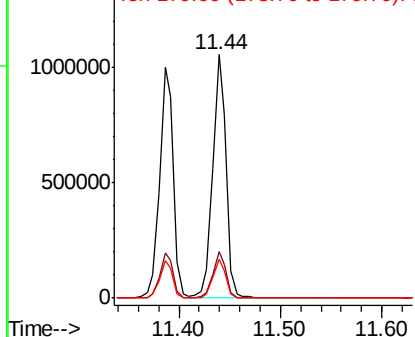


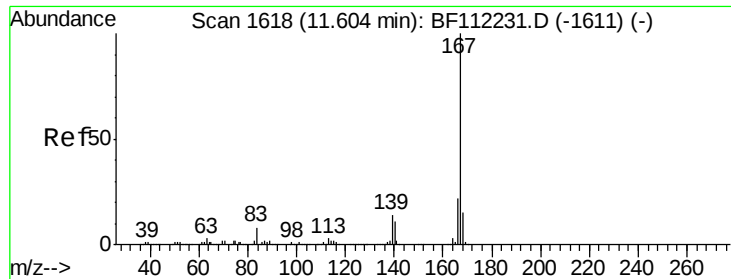
#72
 Anthracene
 Concen: 41.117 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion:178 Resp: 971474
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

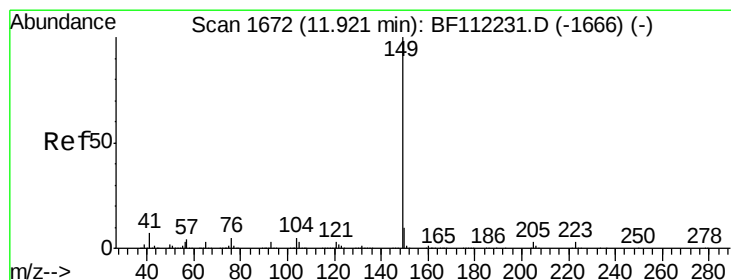
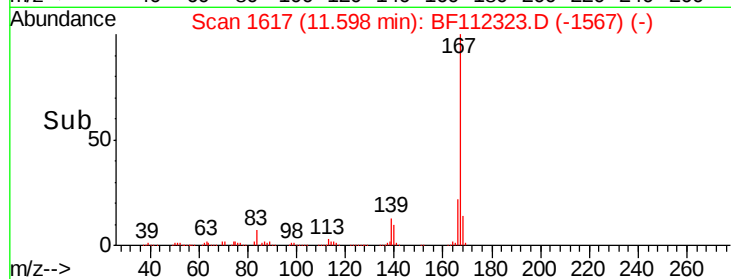
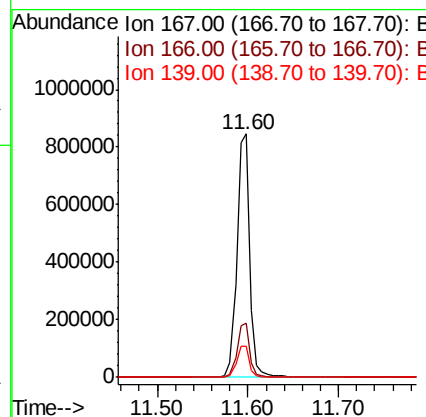
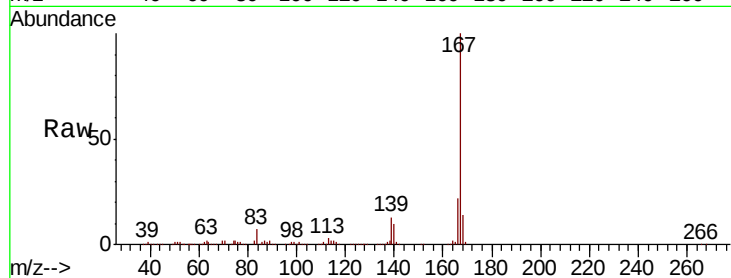




#73
 Carbazole
 Concen: 36.072 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

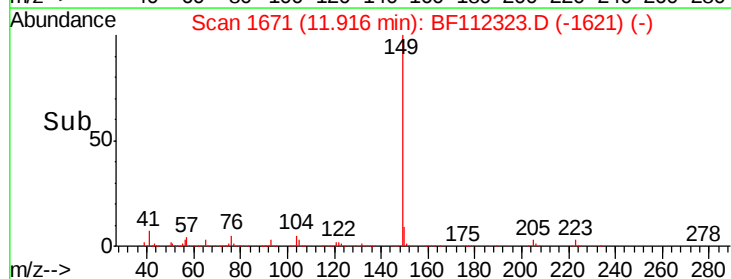
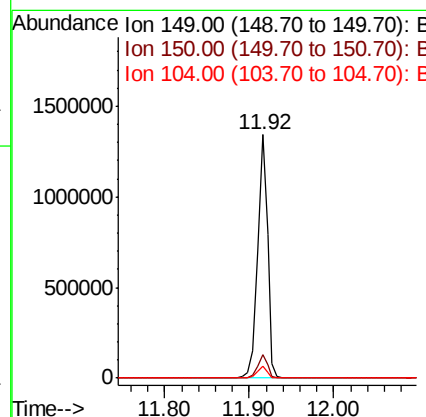
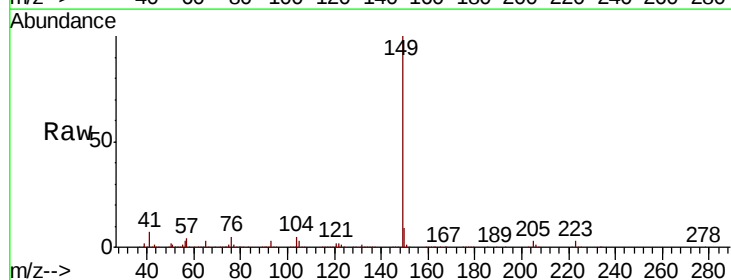
Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

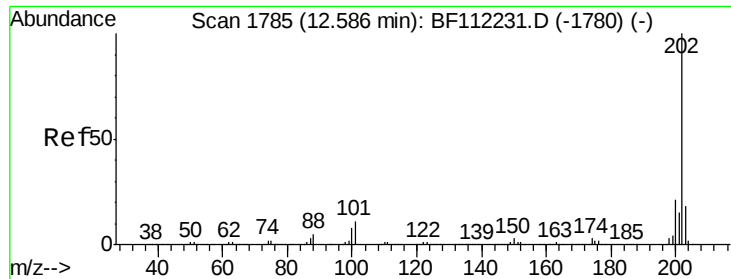
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	12.8	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 38.386 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.8	3.9	5.9

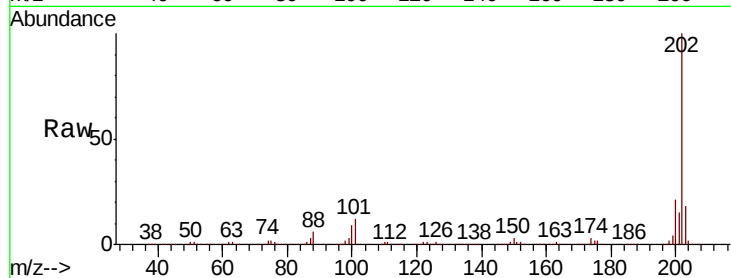




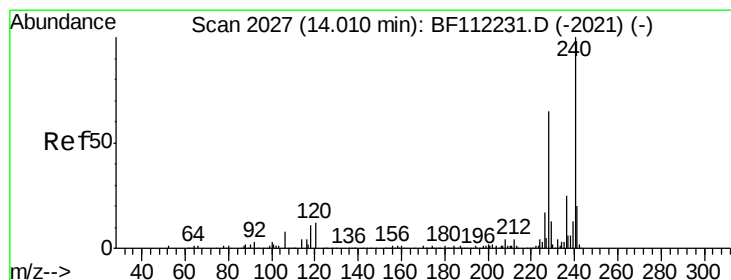
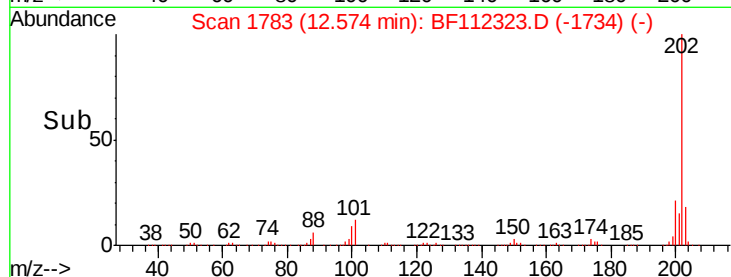
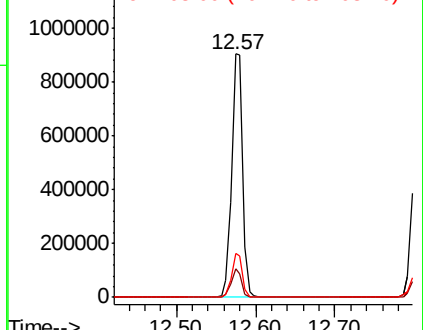
#75
 Fluoranthene
 Concen: 34.208 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.8
203	17.9	0.0	38.4

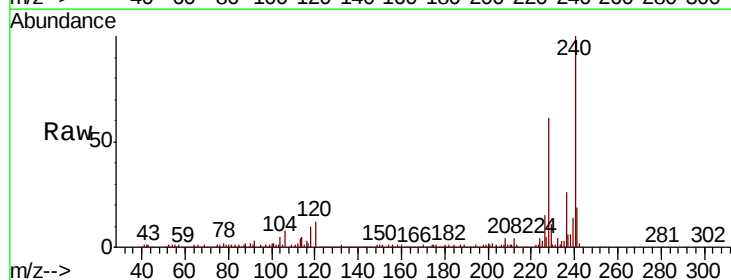


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

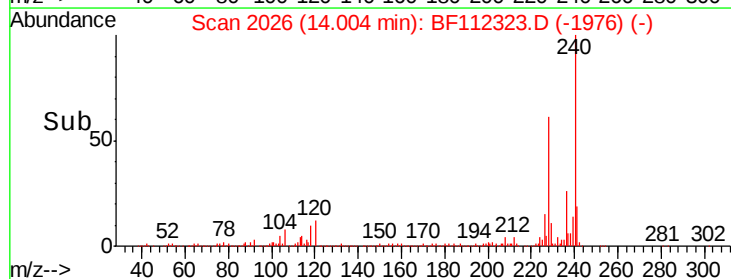
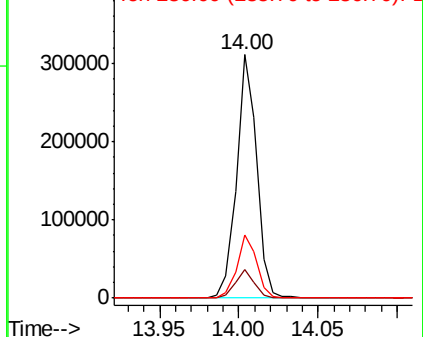


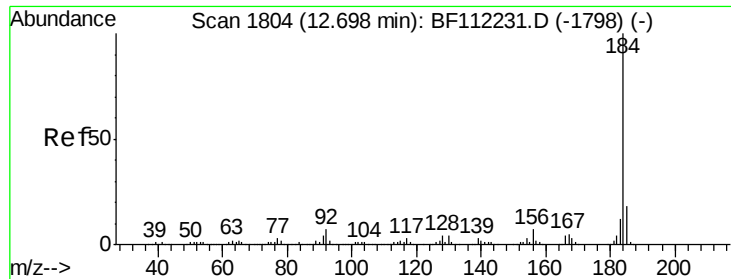
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.6
236	26.0	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

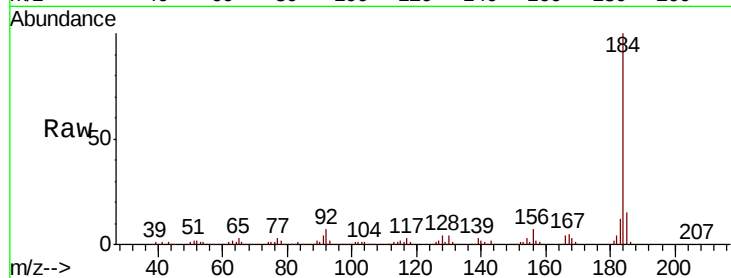




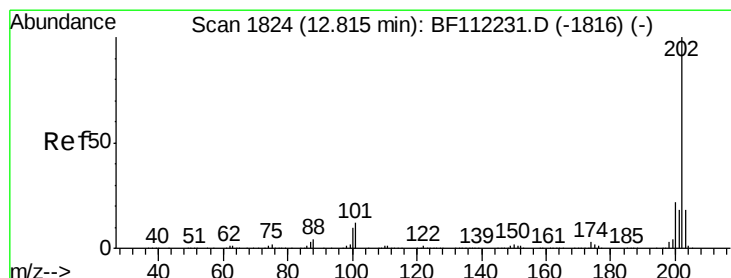
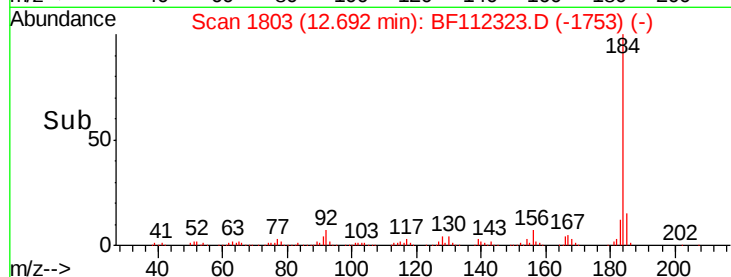
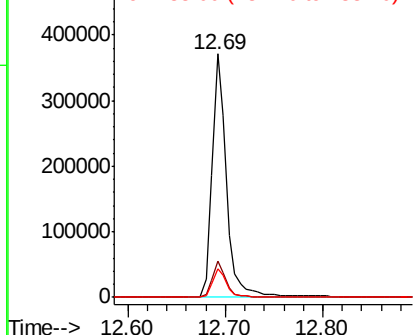
#77
Benzidine
Concen: 50.877 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tgt Ion:184 Resp: 382673
Ion Ratio Lower Upper
184 100
185 14.7 13.9 20.9
183 11.7 10.0 15.0

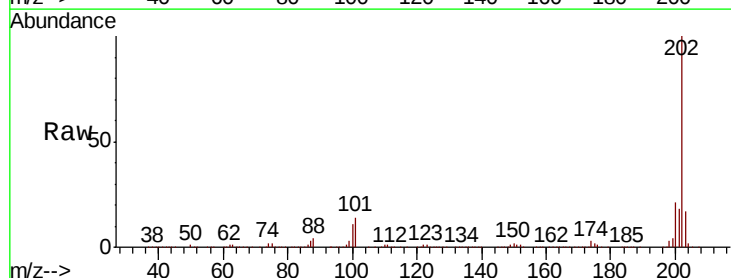


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

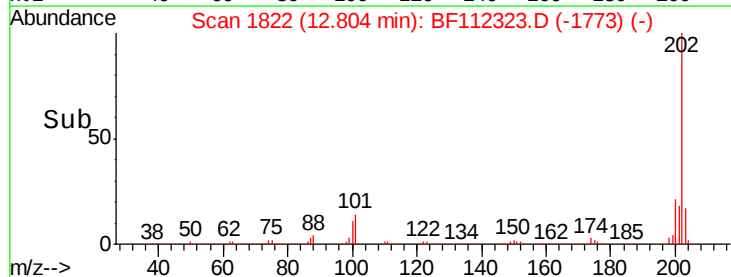
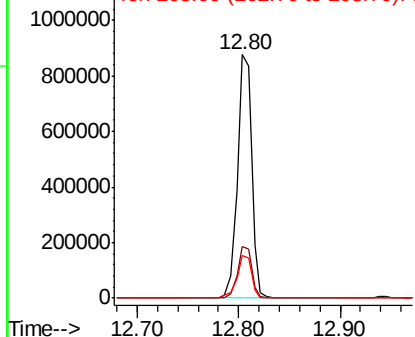


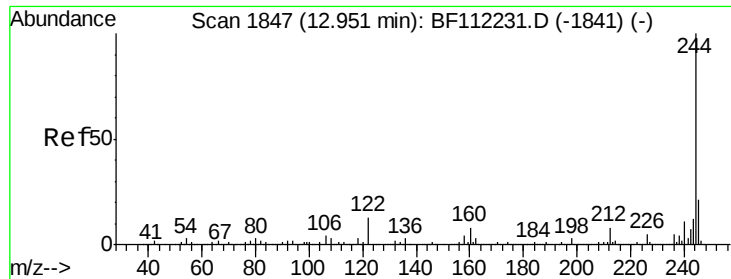
#78
Pyrene
Concen: 45.300 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion:202 Resp: 857073
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 17.4 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

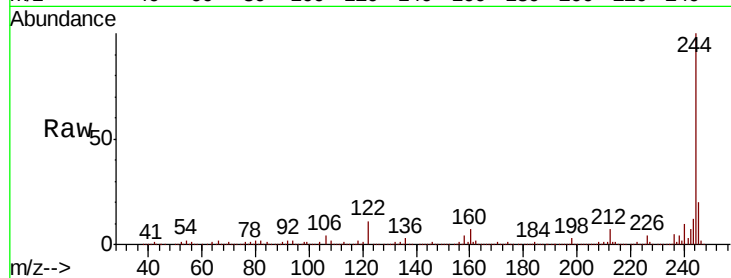




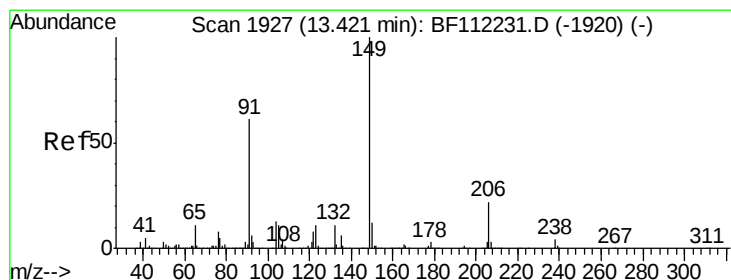
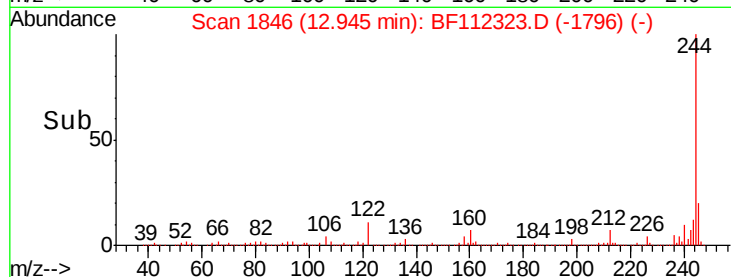
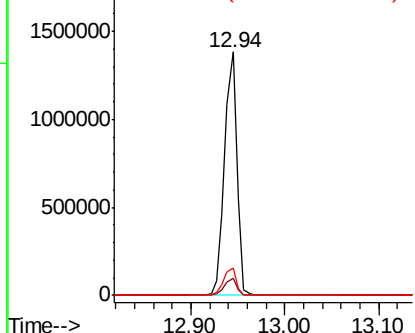
#79
 Terphenyl-d14
 Concen: 88.576 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

Tgt Ion: 244 Resp: 1285184
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.3 9.8 14.6

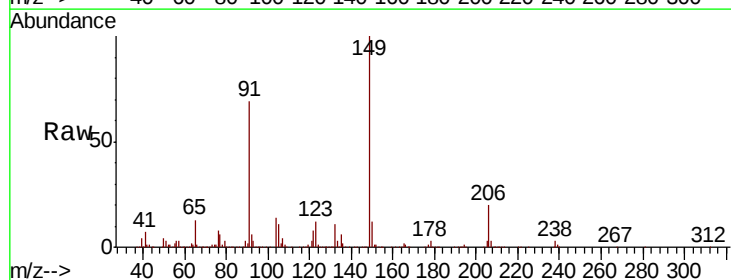


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

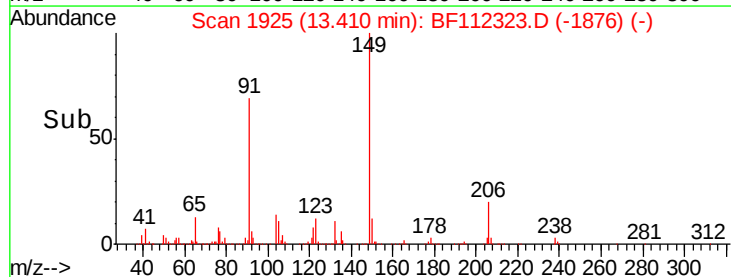
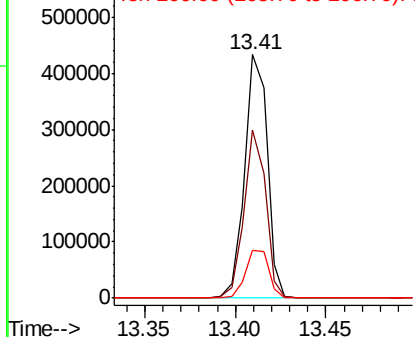


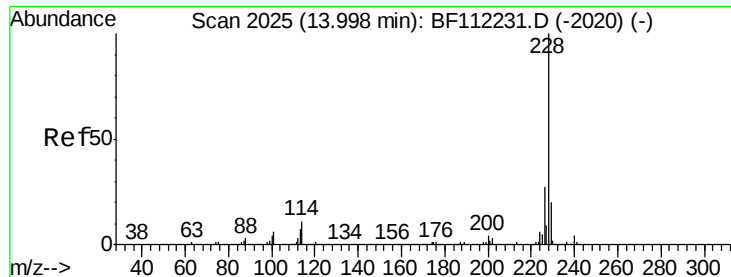
#80
 Butylbenzylphthalate
 Concen: 41.002 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion: 149 Resp: 375332
 Ion Ratio Lower Upper
 149 100
 91 69.2 50.3 75.5
 206 19.5 18.2 27.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.825 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

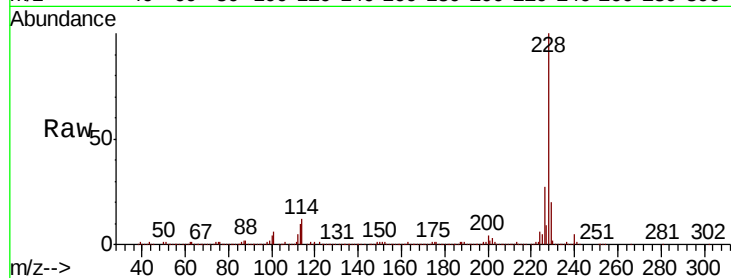
Tgt Ion:228 Resp: 655843

Ion Ratio Lower Upper

228 100

226 27.2 22.6 34.0

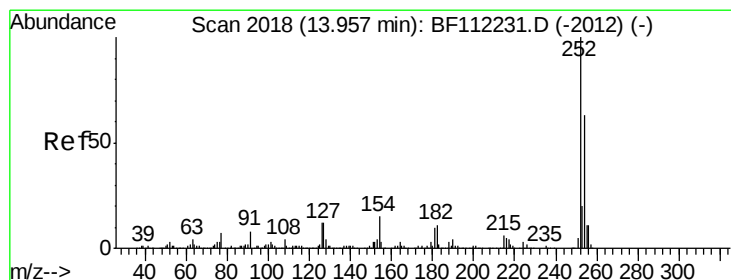
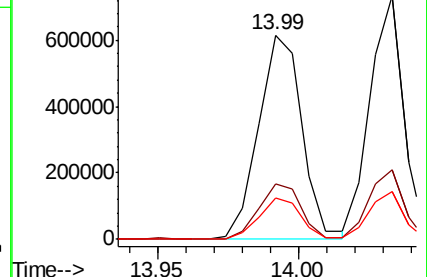
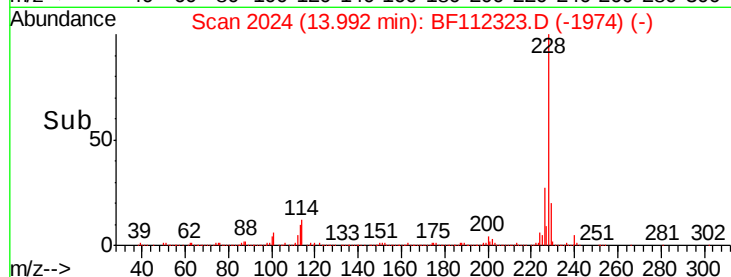
229 20.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.875 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

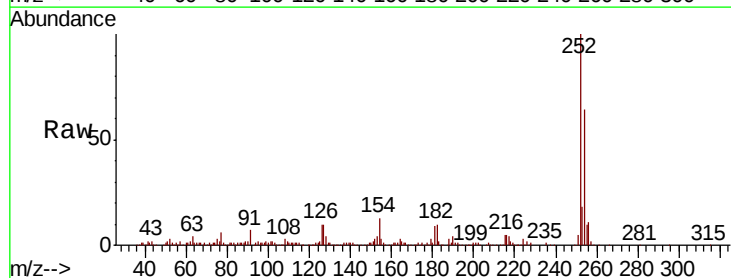
Tgt Ion:252 Resp: 209675

Ion Ratio Lower Upper

252 100

254 64.3 51.6 77.4

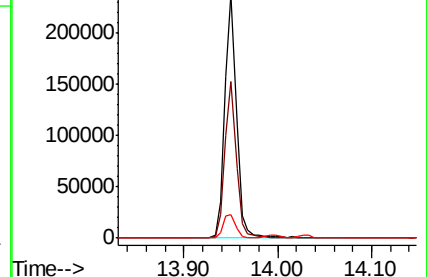
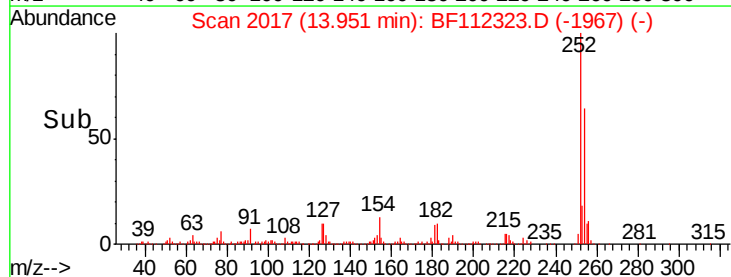
126 9.9 8.6 12.8

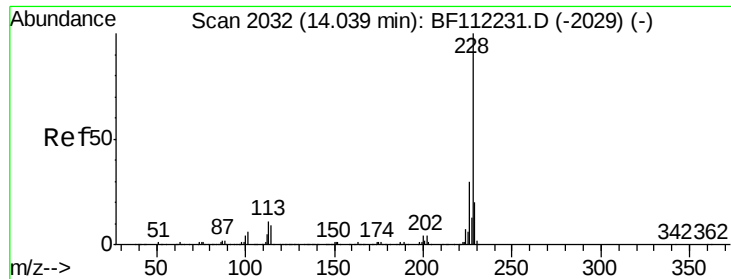


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.865 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

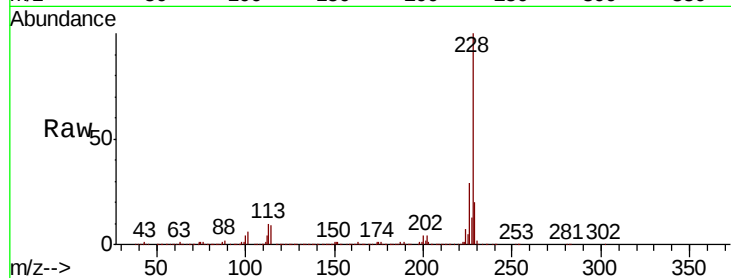
Tgt Ion:228 Resp: 611312

Ion Ratio Lower Upper

228 100

226 28.8 25.0 37.6

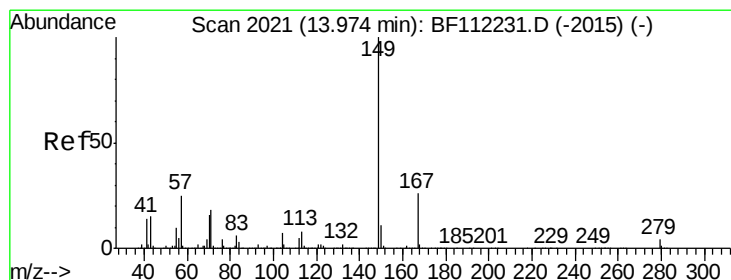
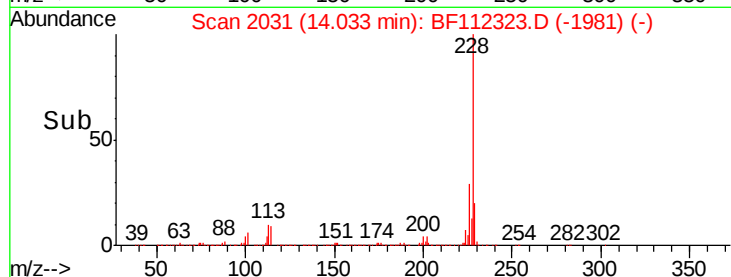
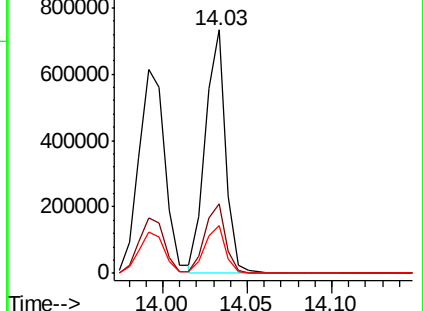
229 19.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.712 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

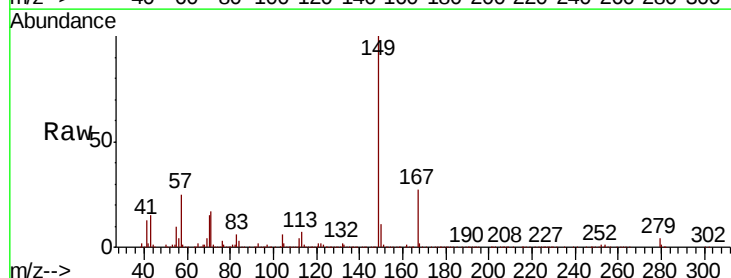
Tgt Ion:149 Resp: 503015

Ion Ratio Lower Upper

149 100

167 26.6 22.5 33.7

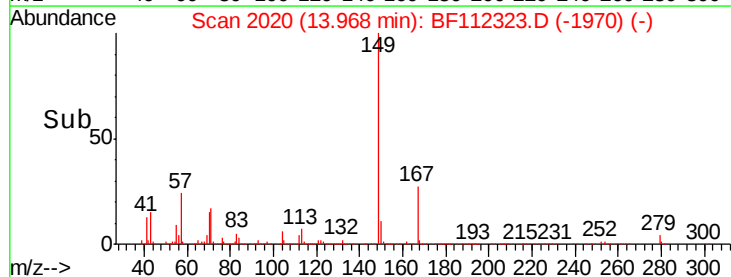
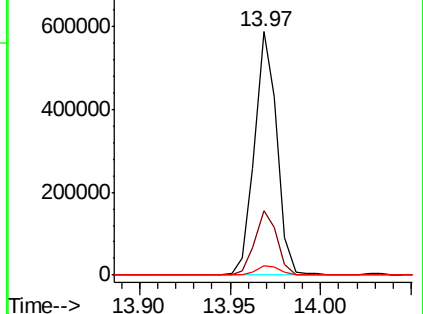
279 3.7 3.8 5.6#

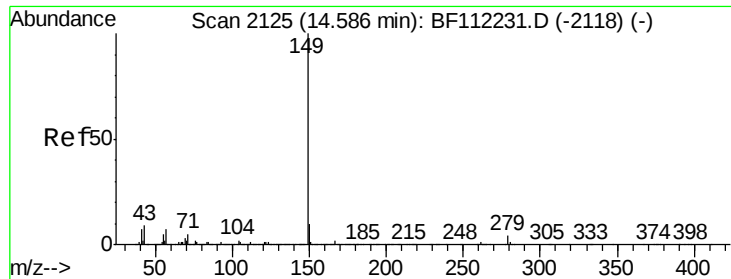


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.027 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

Instrument :

BNA_F

ClientSampleId :

PB116683BS

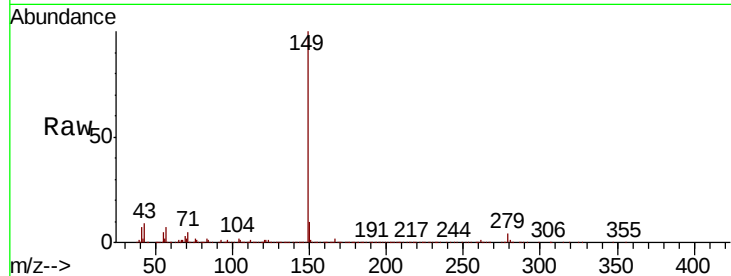
Tgt Ion:149 Resp: 760212

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

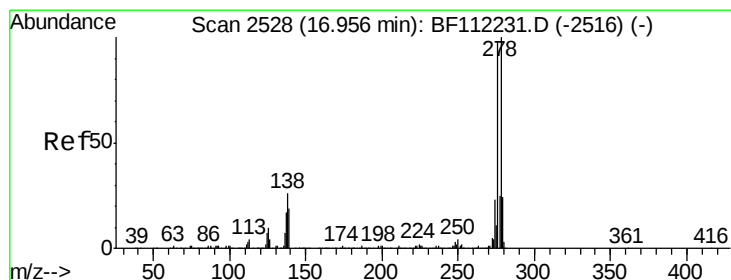
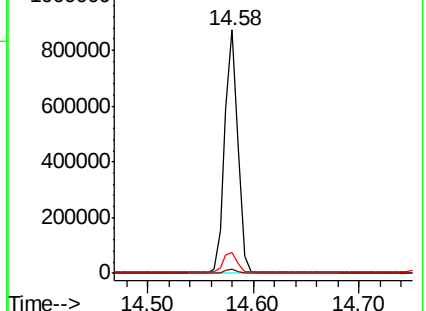
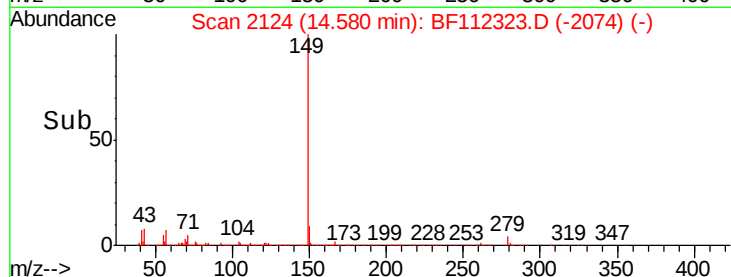
43 8.6 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.329 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF112323.D

Acq: 30 Jan 2019 15:55

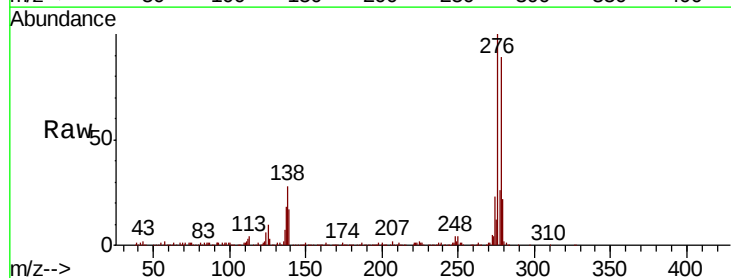
Tgt Ion:276 Resp: 660144

Ion Ratio Lower Upper

276 100

138 26.2 22.6 34.0

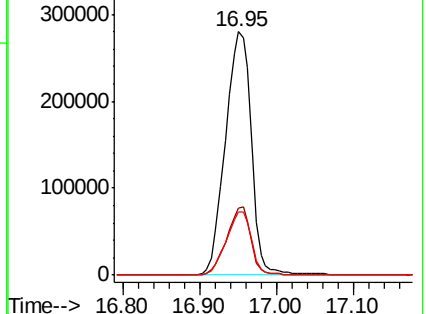
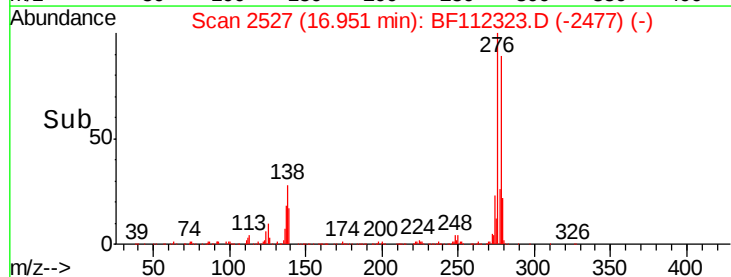
277 25.6 20.3 30.5

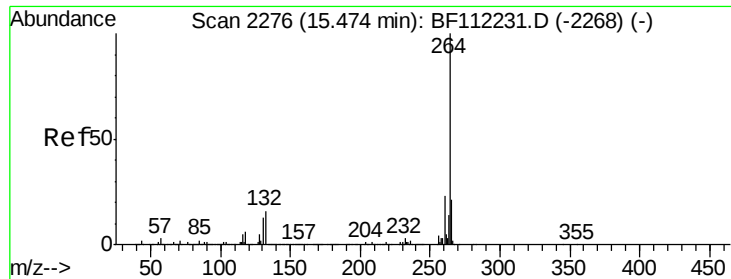


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

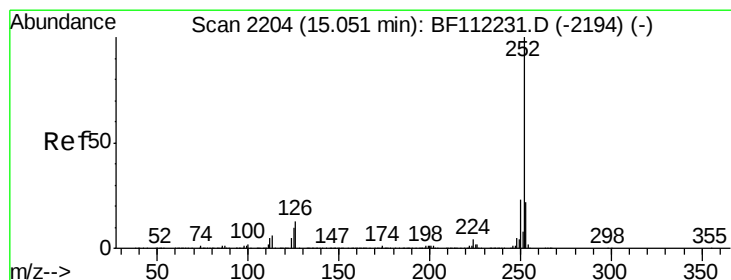
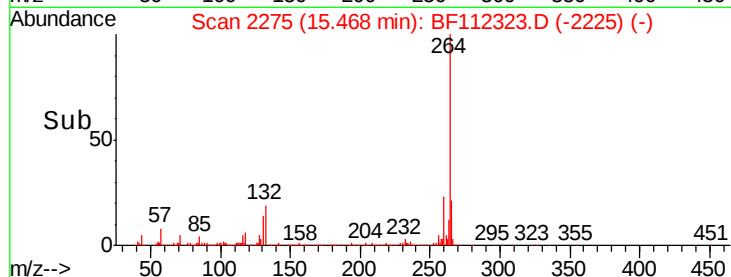
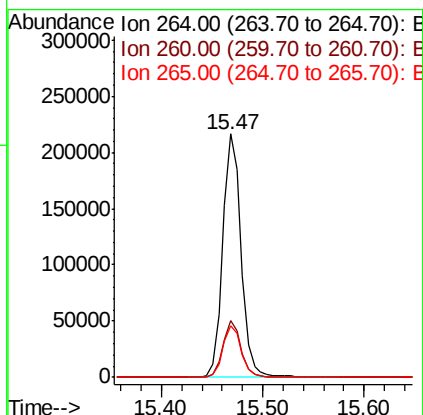
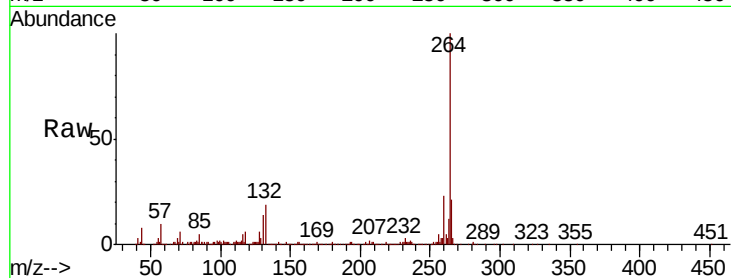




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

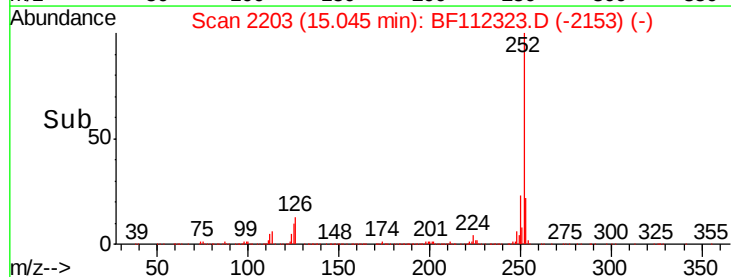
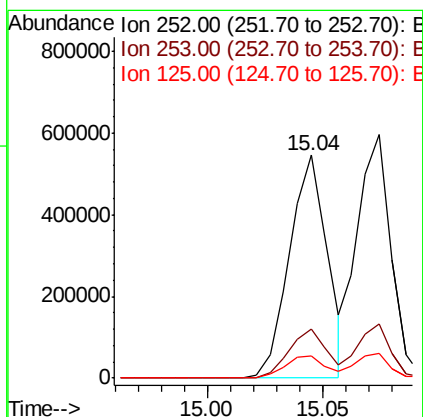
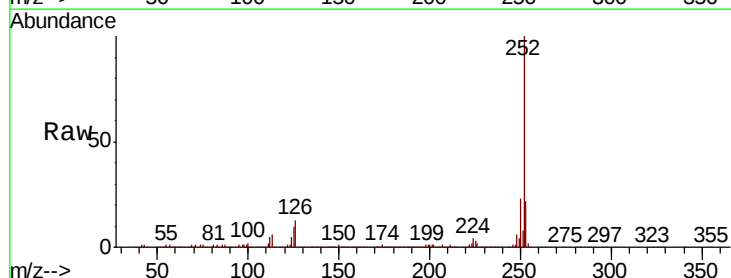
Instrument :
 BNA_F
 ClientSampleId :
 PB116683BS

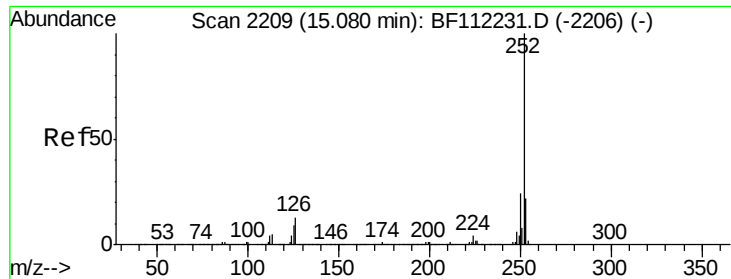
Tgt Ion: 264 Resp: 272063
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.2
 265 21.1 17.0 25.4



#88
 Benzo(b)fluoranthene
 Concen: 38.160 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF112323.D
 Acq: 30 Jan 2019 15:55

Tgt Ion: 252 Resp: 620889
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.0 27.0
 125 10.1 8.7 13.1

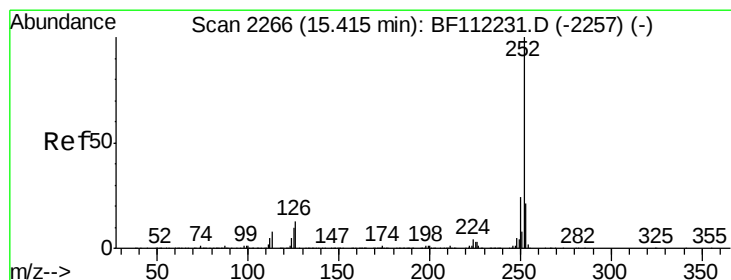
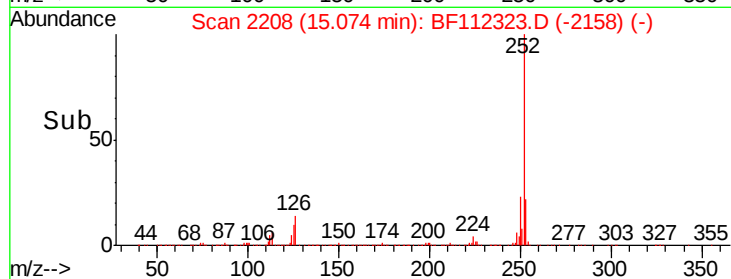
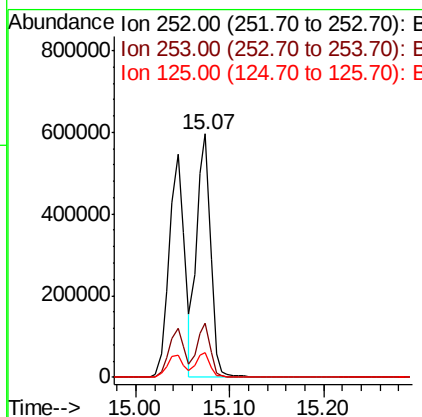
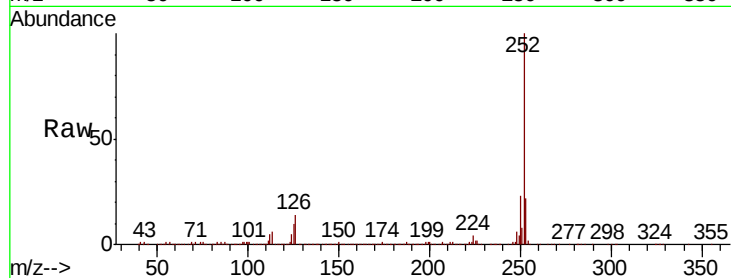




#89
Benzo(k)fluoranthene
Concen: 39.247 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

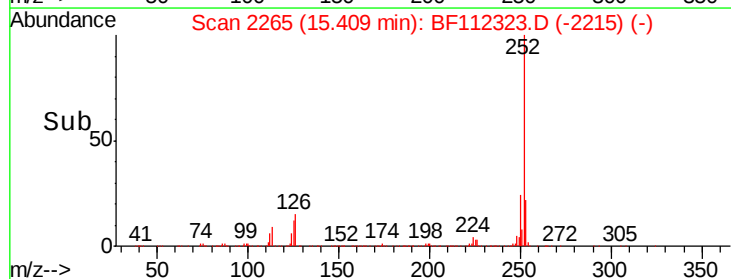
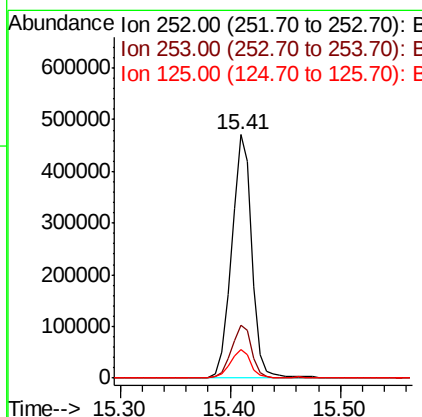
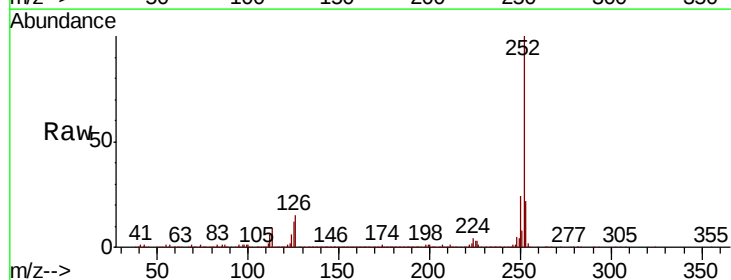
Instrument :
BNA_F
ClientSampleId :
PB116683BS

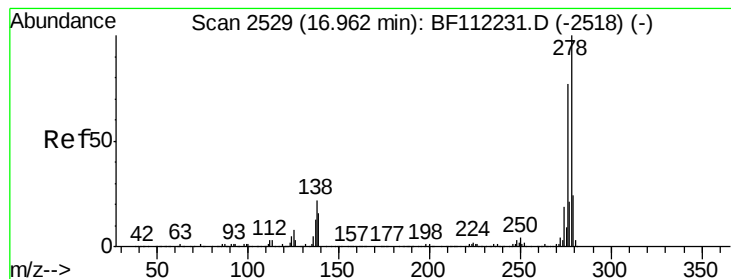
Tgt Ion:252 Resp: 611655
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.2 9.1 13.7



#90
Benzo(a)pyrene
Concen: 40.983 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion:252 Resp: 599996
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 11.9 9.0 13.4

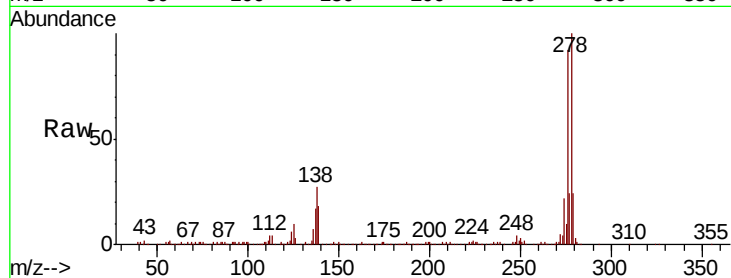




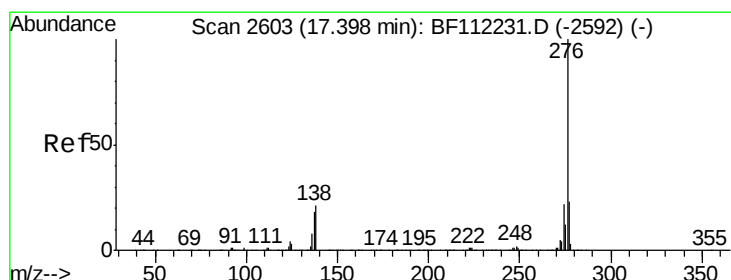
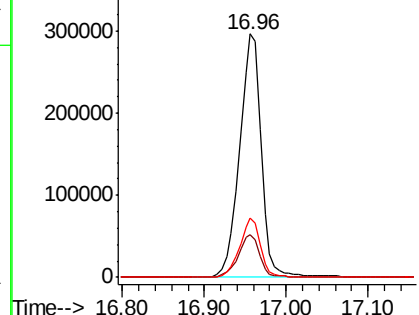
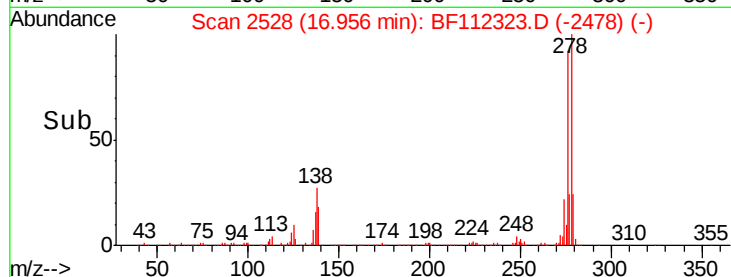
#91
Dibenzo(a,h)anthracene
Concen: 46.298 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Instrument :
BNA_F
ClientSampleId :
PB116683BS

Tgt Ion: 278 Resp: 546284
Ion Ratio Lower Upper
278 100
139 17.7 13.7 20.5
279 24.5 19.0 28.6

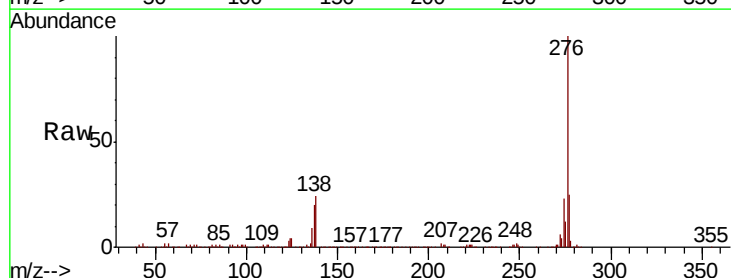


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.970 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112323.D
Acq: 30 Jan 2019 15:55

Tgt Ion: 276 Resp: 533998
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.0
138 23.6 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

