

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112378.D
 Acq On : 4 Feb 2019 14:17
 Operator : JU/SJ
 Sample : PB116785BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Quant Time: Feb 04 15:56:07 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	6.83	152	161808	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	630313	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	323674	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	637471	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	541767	20.00	ng	0.00
87) Perylene-d12	15.47	264	494548	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1162062	152.54	ng	0.00
7) Phenol-d6	6.49	99	1465748	138.47	ng	0.00
23) Nitrobenzene-d5	7.40	82	843995	77.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	498846	132.41	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1752230	76.57	ng	-0.01
79) Terphenyl-d14	12.94	244	2053257	71.38	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	147627	48.647	ng	95
3) Pyridine	3.45	79	381425	49.411	ng	97
4) n-Nitrosodimethylamine	3.39	42	176679	54.477	ng	# 90
6) Aniline	6.50	93	363554	28.872	ng	# 35
8) 2-Chlorophenol	6.63	128	414293	40.427	ng	98
9) Benzaldehyde	6.38	77	80024	14.464	ng	98
10) Phenol	6.50	94	474375	40.847	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	361479	39.536	ng	98
12) 1,3-Dichlorobenzene	6.77	146	458299	38.400	ng	100
13) 1,4-Dichlorobenzene	6.85	146	474225	38.609	ng	100
14) 1,2-Dichlorobenzene	7.00	146	441947	38.430	ng	96
15) Benzyl Alcohol	6.98	79	338235	37.905	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	450112	38.342	ng	# 38
17) 2-Methylphenol	7.10	107	325107	40.019	ng	# 92
18) Hexachloroethane	7.35	117	163489	37.904	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	272802	37.375	ng	99
20) 3+4-Methylphenols	7.25	107	423029	40.721	ng	# 76
22) Acetophenone	7.24	105	559102	36.428	ng	96
24) Nitrobenzene	7.42	77	415996	38.077	ng	96
25) Isophorone	7.66	82	738256	43.019	ng	98
26) 2-Nitrophenol	7.73	139	227118	38.900	ng	93
27) 2,4-Dimethylphenol	7.77	122	358511	44.568	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	463123	39.633	ng	99
29) 2,4-Dichlorophenol	7.98	162	360480	40.045	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	397686	38.433	ng	99
31) Naphthalene	8.14	128	1221150	41.428	ng	99
32) Benzoic acid	7.92	122	188941	41.177	ng	98
33) 4-Chloroaniline	8.19	127	295201	23.000	ng	97
34) Hexachlorobutadiene	8.25	225	220132	36.253	ng	99
35) Caprolactam	8.56	113	59666	18.789	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	368334	38.652	ng	98
37) 2-Methylnaphthalene	8.83	142	861657	42.701	ng	98
38) 1-Methylnaphthalene	8.93	142	806558	41.702	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	392768	36.958	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	242780	62.621	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	242413	37.005	nq	100
44) 2,4,5-Trichlorophenol	9.16	196	257366	37.591	nq	98
46) 1,1'-Biphenyl	9.29	154	1044848	36.925	nq	98
47) 2-Chloronaphthalene	9.32	162	805235	36.696	nq	98
48) 2-Nitroaniline	9.42	65	224303	37.504	nq	89
49) Acenaphthylene	9.73	152	1282743	39.883	nq	99
50) Dimethylphthalate	9.59	163	935933	37.217	nq	99
51) 2,6-Dinitrotoluene	9.66	165	215527	38.267	nq #	85
52) Acenaphthene	9.90	154	744857	38.769	nq	99
53) 3-Nitroaniline	9.83	138	151172	24.775	nq	88
54) 2,4-Dinitrophenol	9.95	184	152002	84.095	nq	95
55) Dibenzofuran	10.08	168	1112443	37.889	nq	97
56) 4-Nitrophenol	10.02	139	242442	75.154	nq	97
57) 2,4-Dinitrotoluene	10.07	165	280904	39.177	nq #	86
58) Fluorene	10.42	166	897608	40.854	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	207395	40.085	nq	96
60) Diethylphthalate	10.29	149	936096	37.509	nq	100
61) 4-Chlorophenyl-phenylether	10.41	204	429942	35.974	nq	96
62) 4-Nitroaniline	10.45	138	224332	37.483	nq	95
63) Azobenzene	10.57	77	818417	37.288	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	121873	34.099	nq	97
66) n-Nitrosodiphenylamine	10.53	169	794371	36.974	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	270401	36.065	nq	97
68) Hexachlorobenzene	10.97	284	296500	36.860	nq	96
69) Atrazine	11.06	200	261921	37.782	nq	96
70) Pentachlorophenol	11.17	266	218606	69.843	nq	98
71) Phenanthrene	11.39	178	1313334	39.628	nq	98
72) Anthracene	11.44	178	1373667	41.610	nq	99
73) Carbazole	11.59	167	1230385	37.783	nq	99
74) Di-n-butylphthalate	11.91	149	1460953	36.144	nq	99
75) Fluoranthene	12.57	202	1409137	39.643	nq	98
77) Benzidine	12.69	184	533614	35.786	nq	95
78) Pyrene	12.80	202	1437512	38.325	nq	99
80) Butylbenzylphthalate	13.41	149	641876	35.370	nq	96
81) Benzo(a)anthracene	13.99	228	1271231	39.916	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	307554	25.804	nq	98
83) Chrysene	14.03	228	1195420	39.322	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	888721	34.500	nq	98
85) Di-n-octyl phthalate	14.57	149	1441340	36.367	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	1050349	43.603	nq	97
88) Benzo(b)fluoranthene	15.04	252	1199287	40.549	nq	99
89) Benzo(k)fluoranthene	15.07	252	1117522	39.447	nq	98
90) Benzo(a)pyrene	15.41	252	1102887	41.442	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	876463	40.864	nq	99
92) Benzo(g,h,i)perylene	17.39	276	838236	41.424	nq	98

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

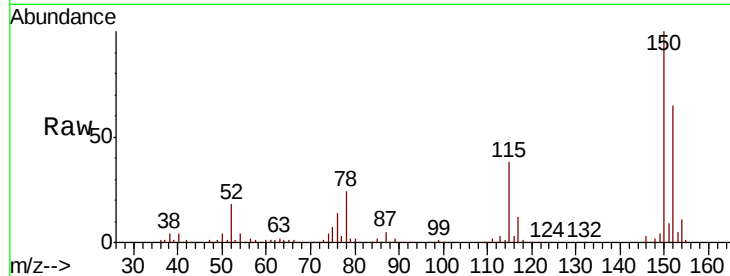


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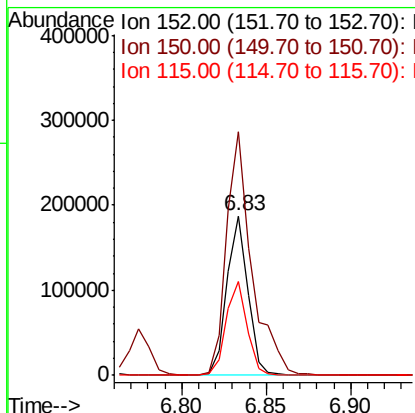
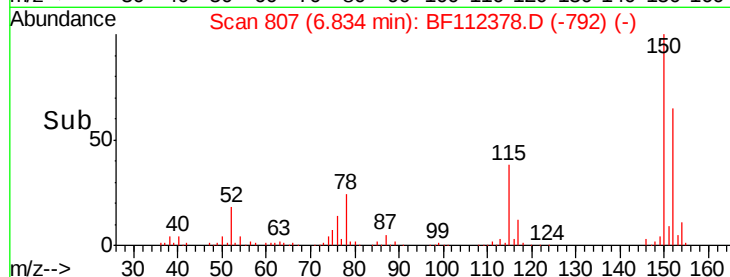
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion:152 Resp: 161808
Ion Ratio Lower Upper
152 100
150 152.7 127.4 191.0
115 58.5 45.5 68.3



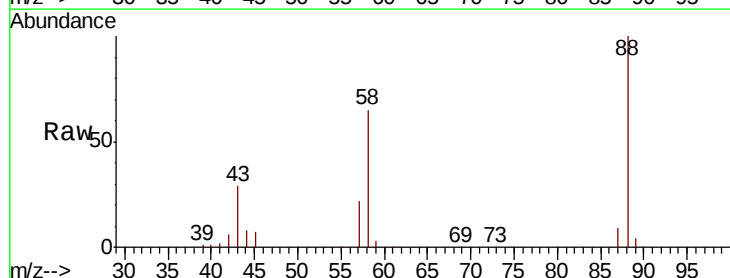
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



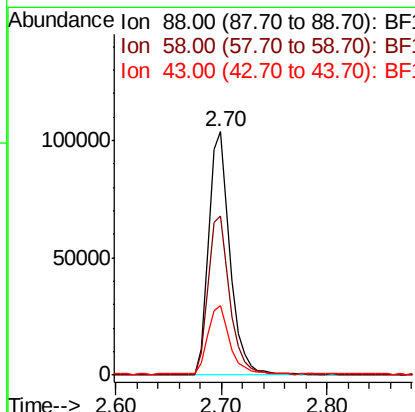
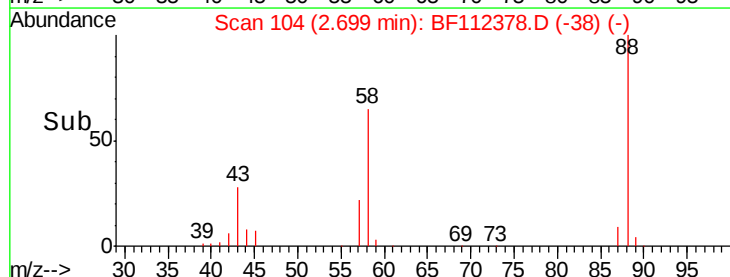
#2

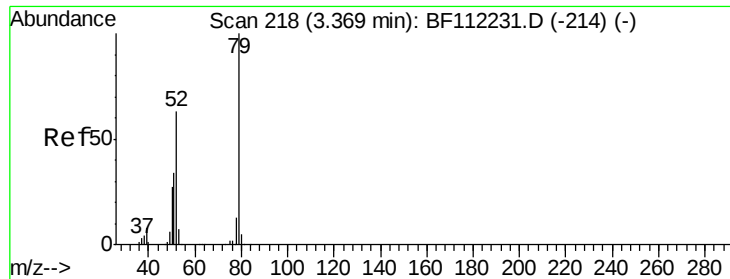
1,4-Dioxane
Concen: 48.647 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion: 88 Resp: 147627
Ion Ratio Lower Upper
88 100
58 66.9 57.4 86.2
43 29.3 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

Pvridine

Concen: 49.411 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

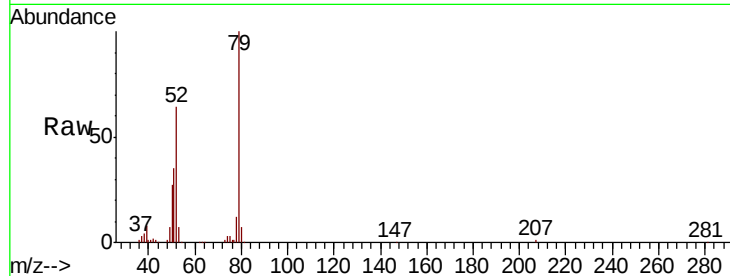
Tot Ion: 79 Resp: 381425

Ion Ratio Lower Upper

79 100

52 64.2 52.4 78.6

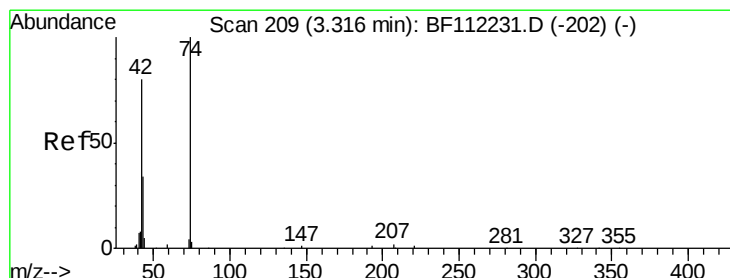
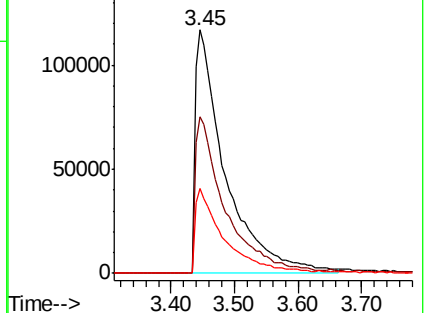
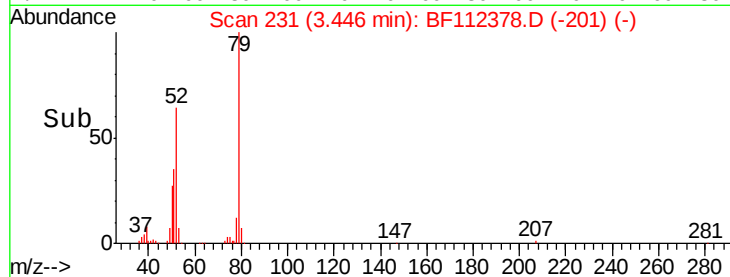
51 35.1 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 54.477 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.08 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

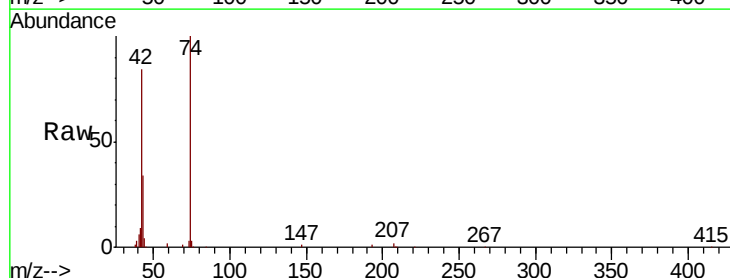
Tgt Ion: 42 Resp: 176679

Ion Ratio Lower Upper

42 100

74 119.5 105.6 158.4

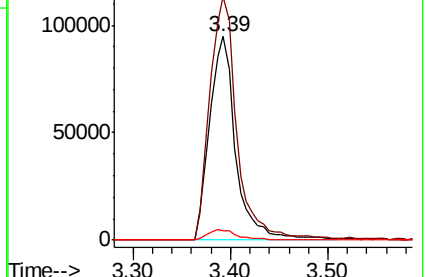
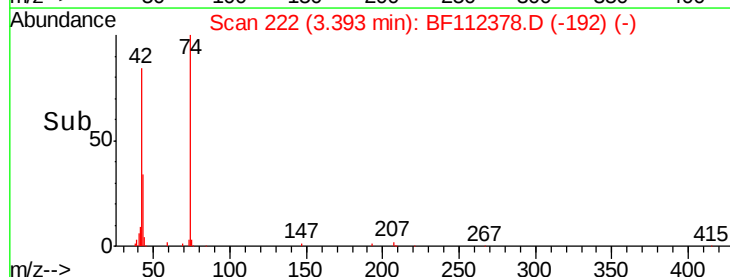
44 4.8 5.4 8.2#

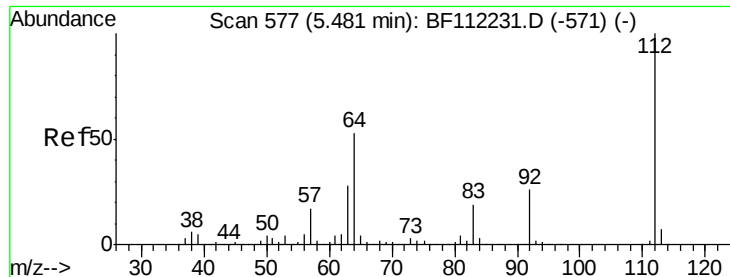


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 152.545 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

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ClientSampleId :

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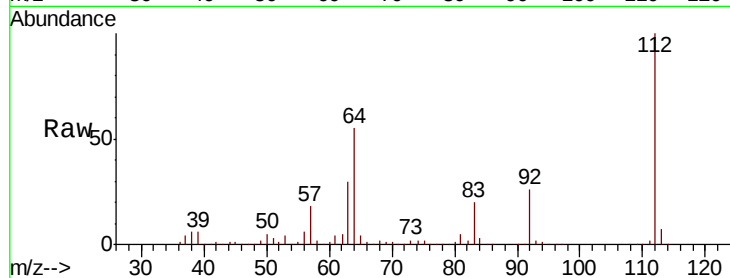
Tot Ion:112 Resp: 1162062

Ion Ratio Lower Upper

112 100

64 54.8 45.7 68.5

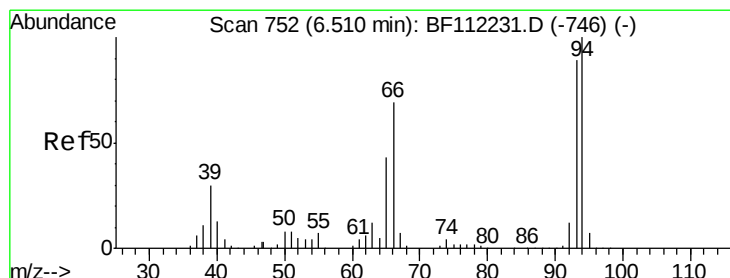
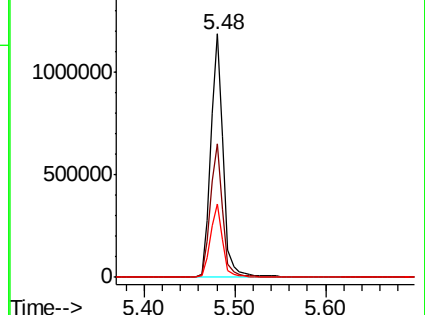
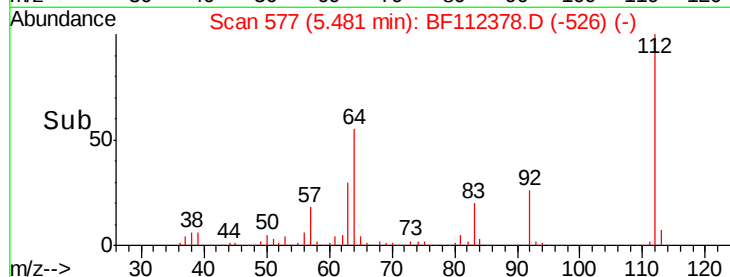
63 30.2 23.6 35.4



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: 28.872 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

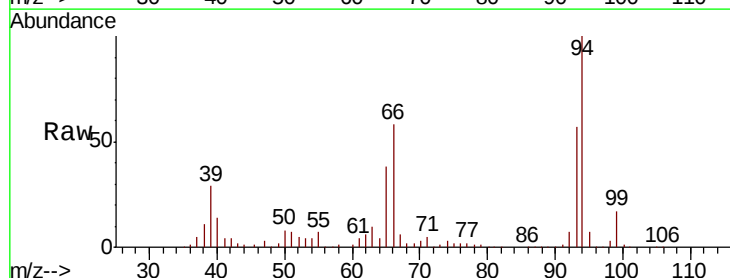
Tgt Ion: 93 Resp: 363554

Ion Ratio Lower Upper

93 100

66 102.2 43.4 65.2#

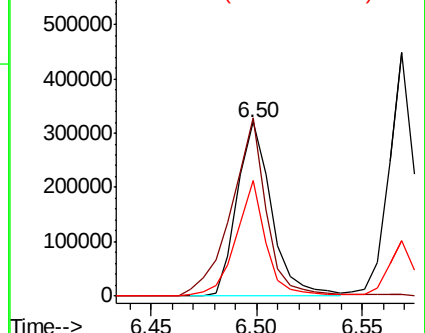
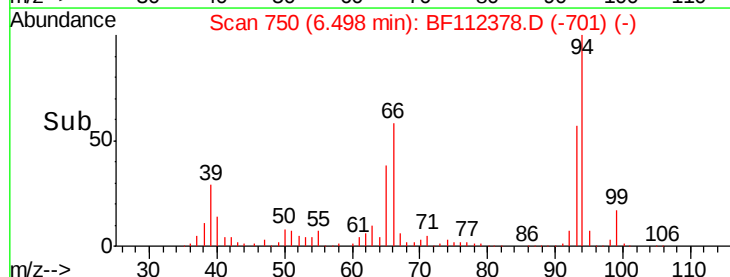
65 66.2 25.3 37.9#

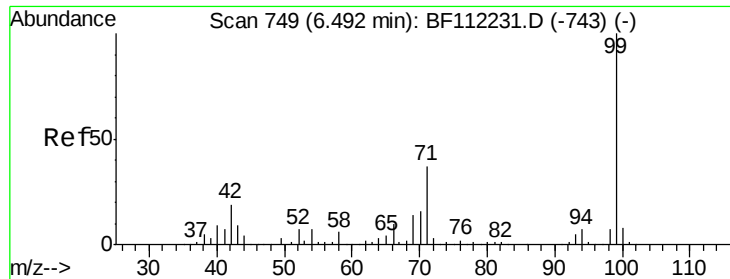


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.469 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

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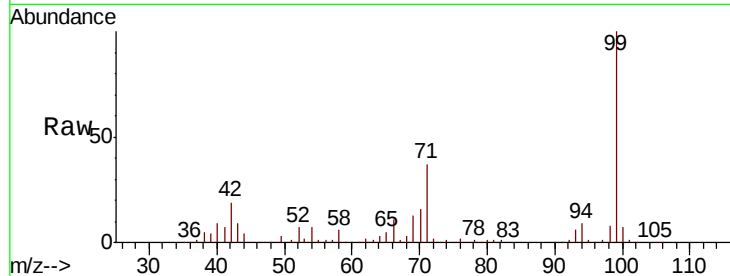
Tot Ion: 99 Resp: 1465748

Ion Ratio Lower Upper

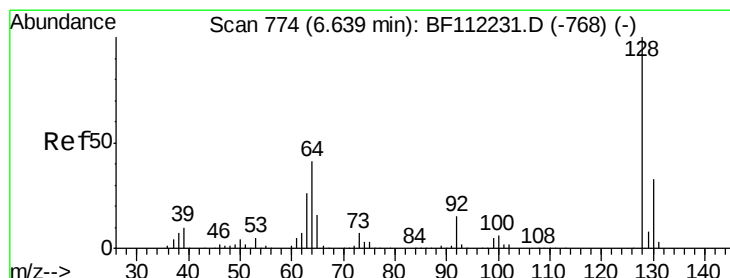
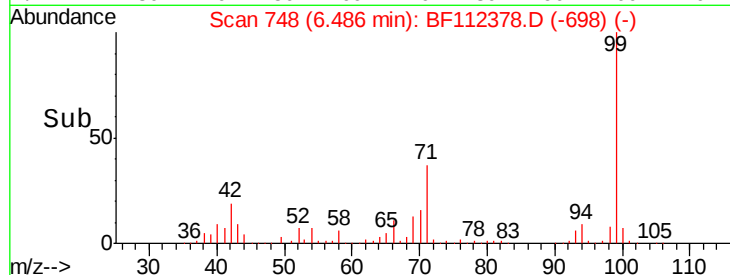
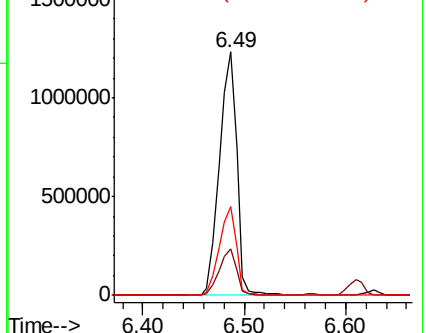
99 100

42 19.1 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: 40.427 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

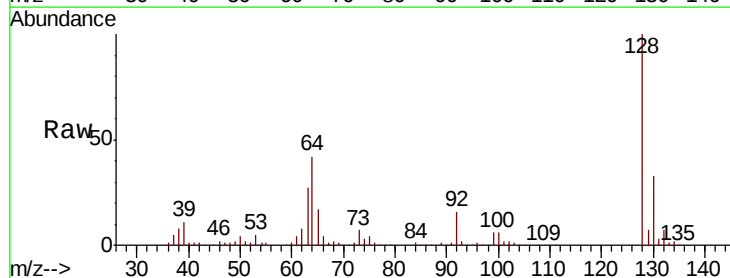
Tgt Ion:128 Resp: 414293

Ion Ratio Lower Upper

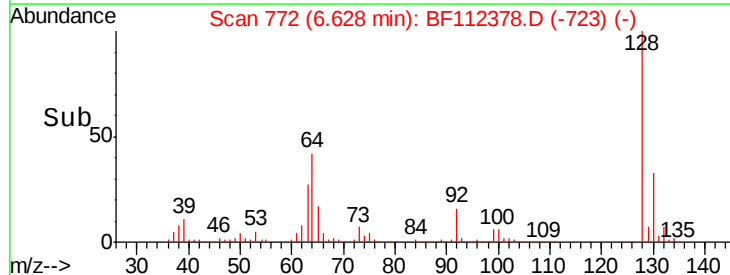
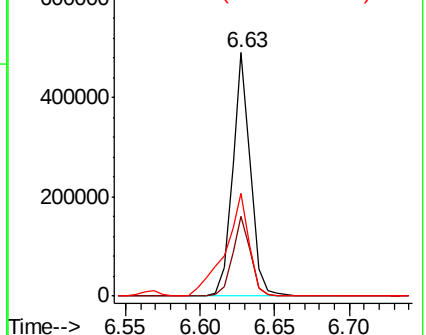
128 100

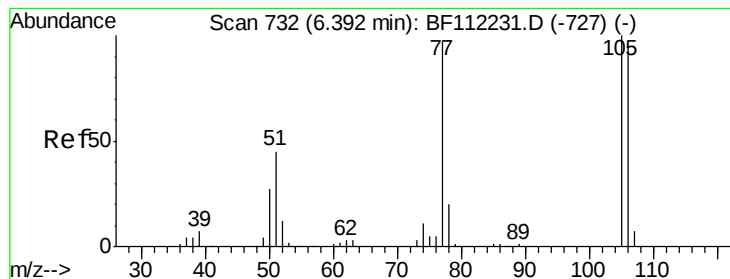
130 32.7 13.4 53.4

64 42.2 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: 14.464 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

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ClientSampleId :

PB116785BS

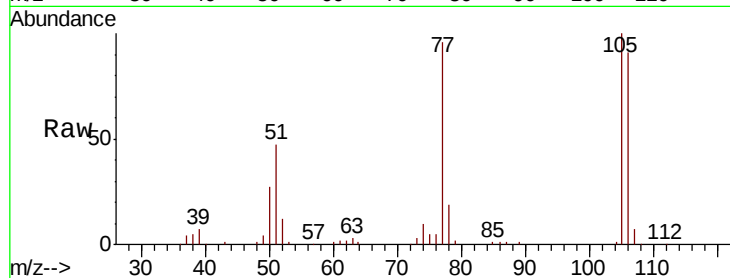
Tot Ion: 77 Resp: 80024

Ion Ratio Lower Upper

77 100

105 104.2 80.8 120.8

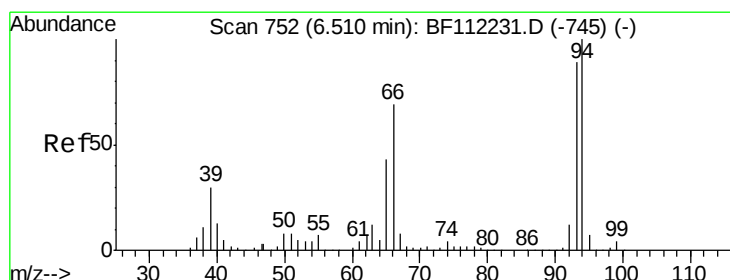
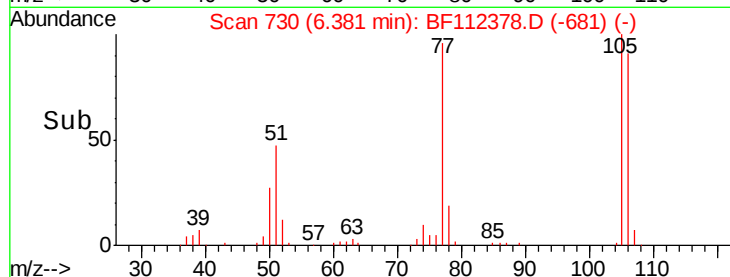
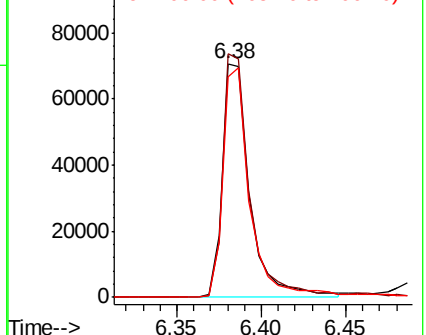
106 94.3 75.7 115.7



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: 40.847 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

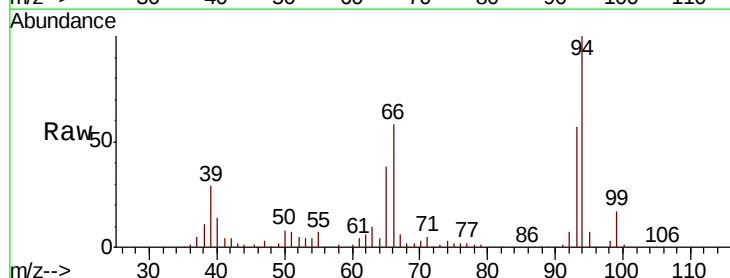
Tgt Ion: 94 Resp: 474375

Ion Ratio Lower Upper

94 100

65 37.6 20.3 60.3

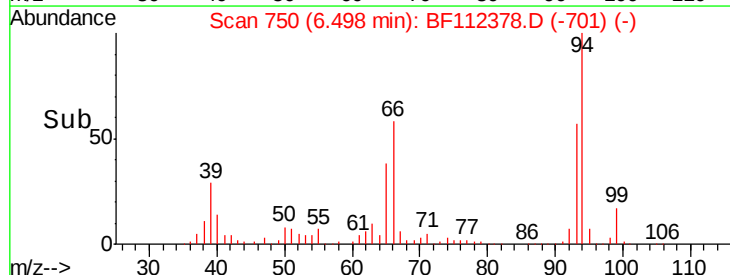
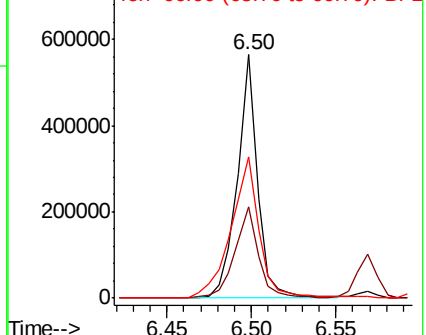
66 58.1 42.4 82.4

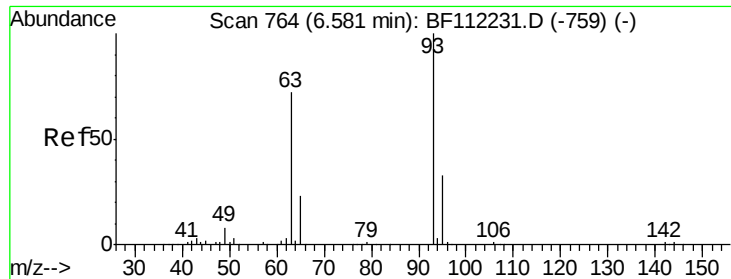


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

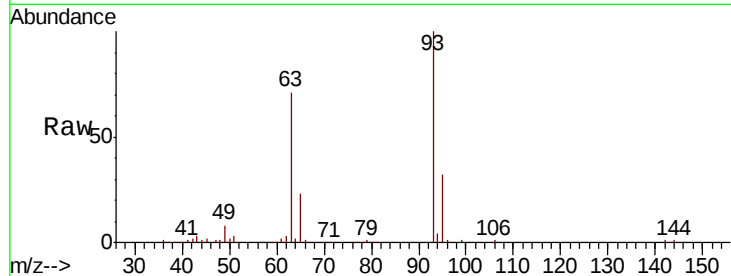




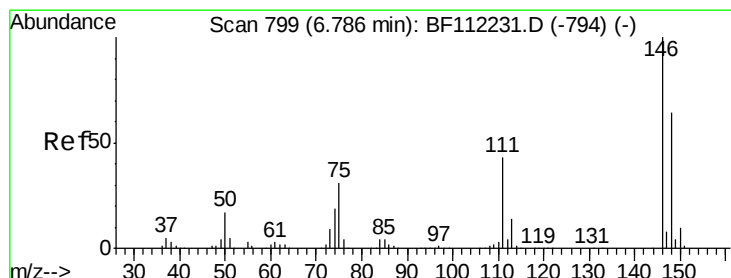
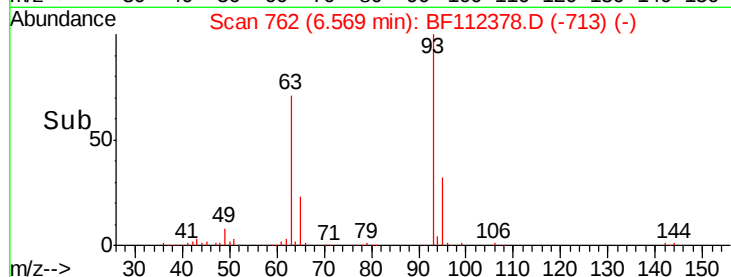
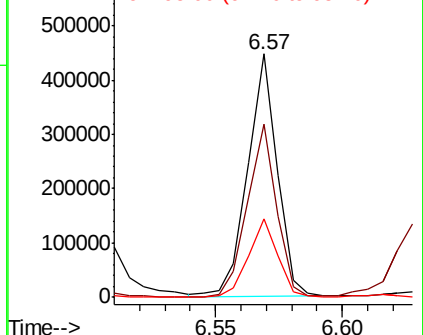
#11
bis(2-Chloroethyl)ether
Concen: 39.536 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion: 93 Resp: 361479
Ion Ratio Lower Upper
93 100
63 70.9 53.3 93.3
95 32.4 13.4 53.4

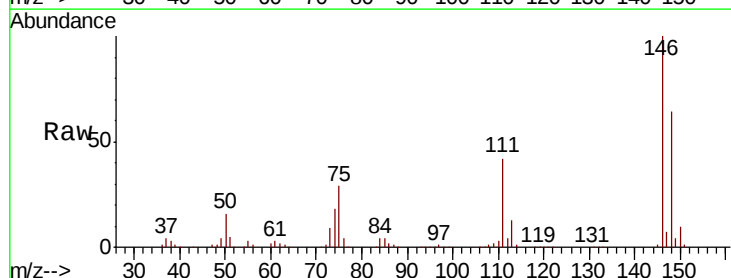


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

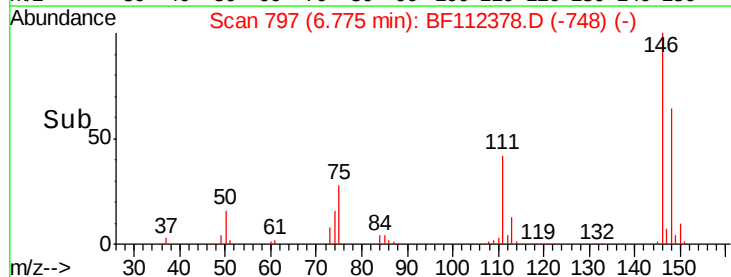
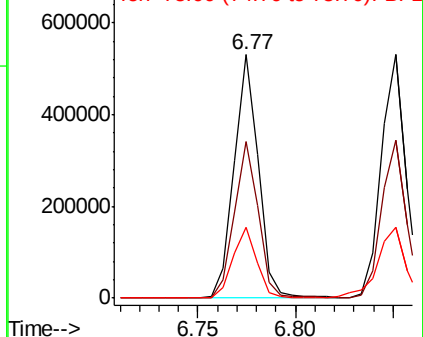


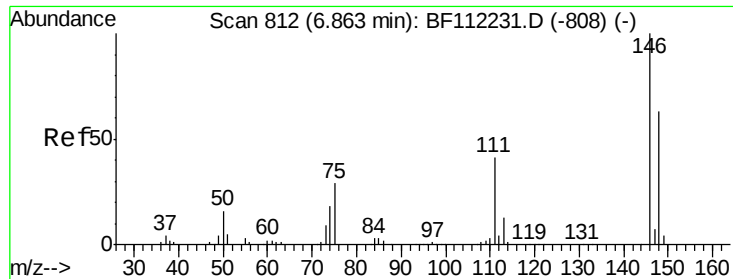
#12
1,3-Dichlorobenzene
Concen: 38.400 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion: 146 Resp: 458299
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 28.9 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

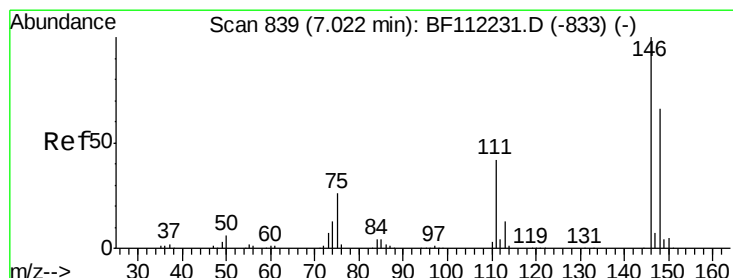
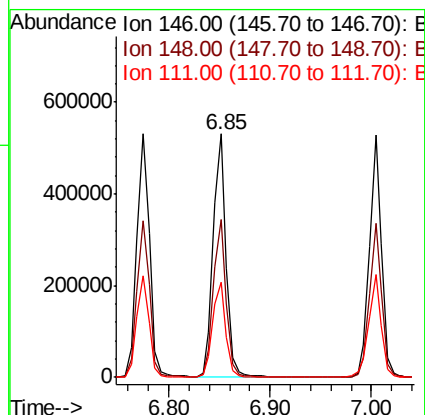
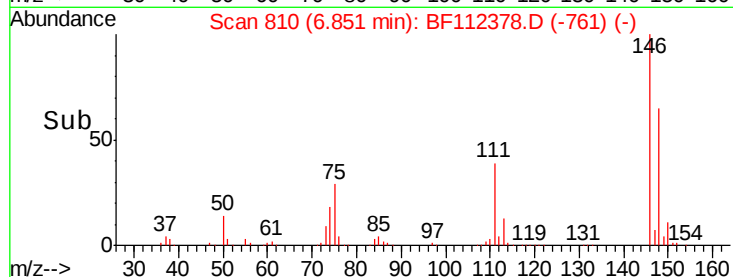
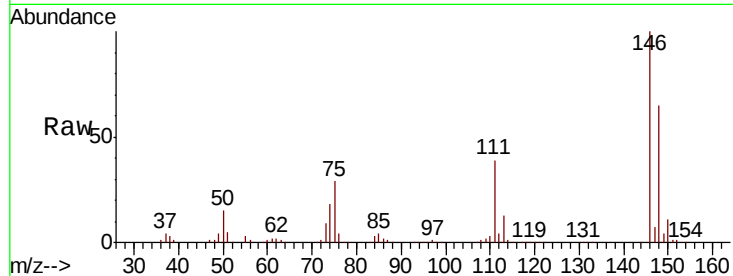




#13
 1,4-Dichlorobenzene
 Concen: 38.609 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

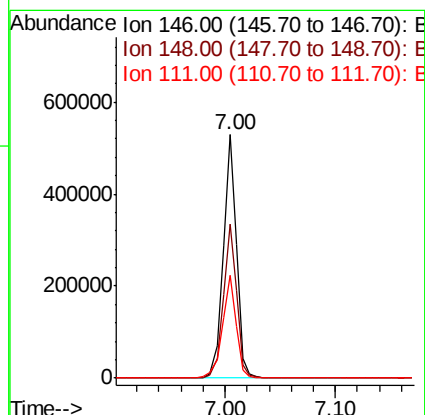
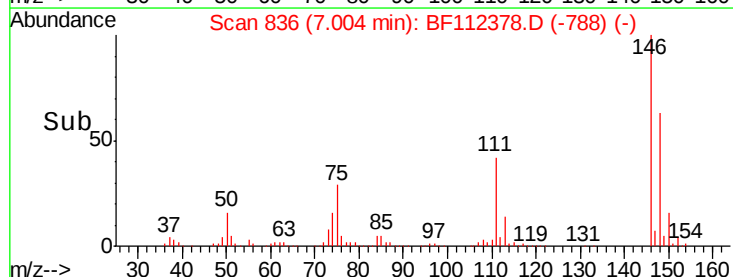
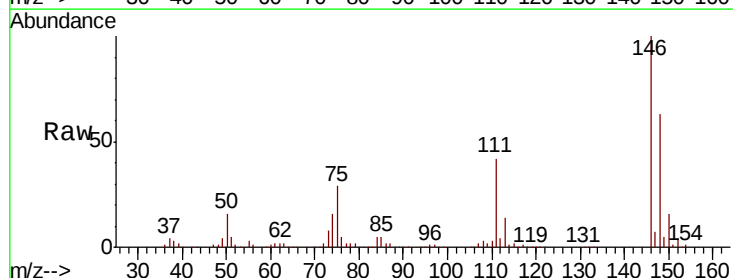
Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

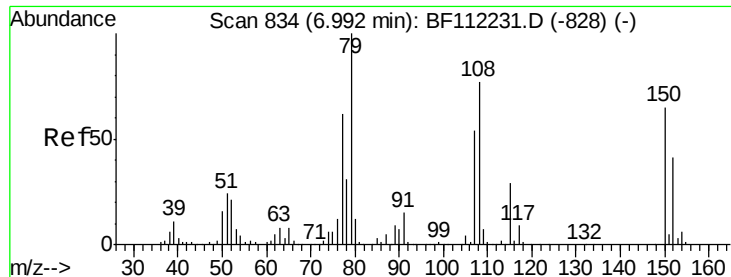
Tot Ion:146 Resp: 474225
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.0 78.0
 111 39.3 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 38.430 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion:146 Resp: 441947
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.4
 111 42.3 31.2 46.8

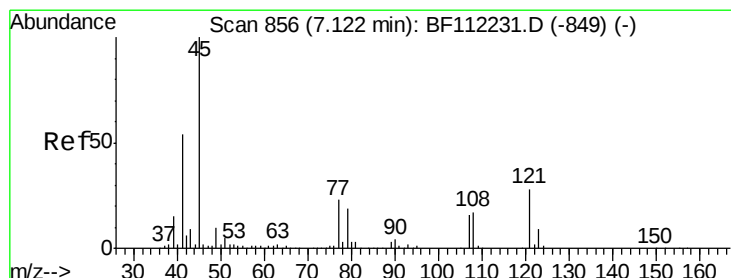
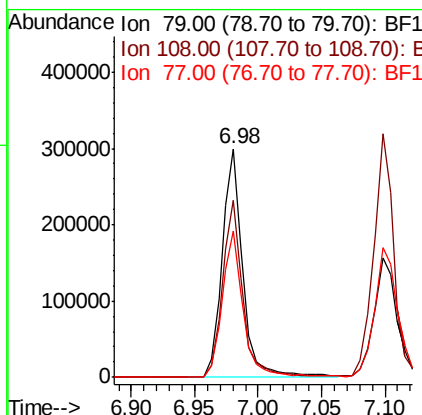
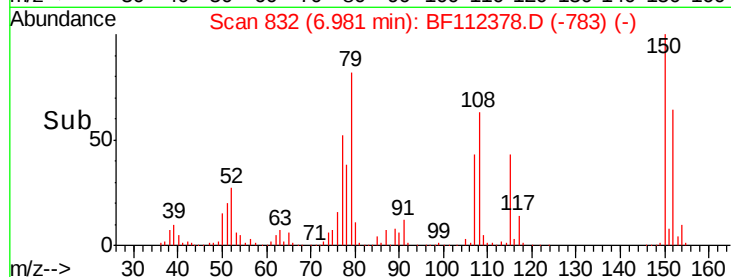
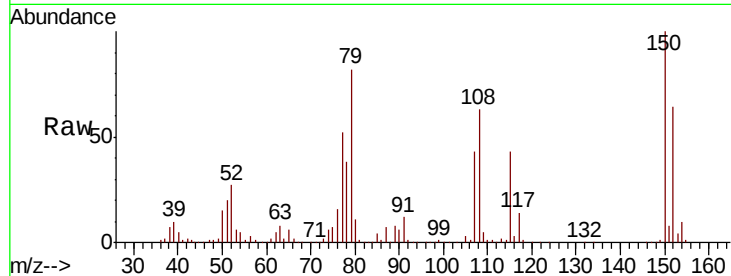




#15
Benzyl Alcohol
Concen: 37.905 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

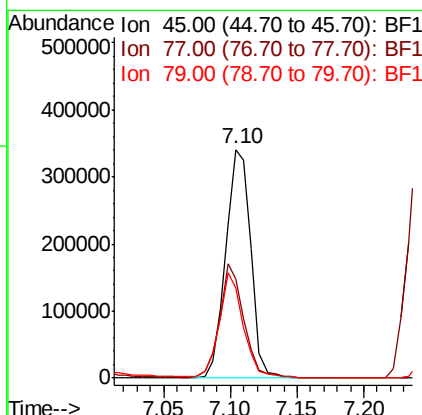
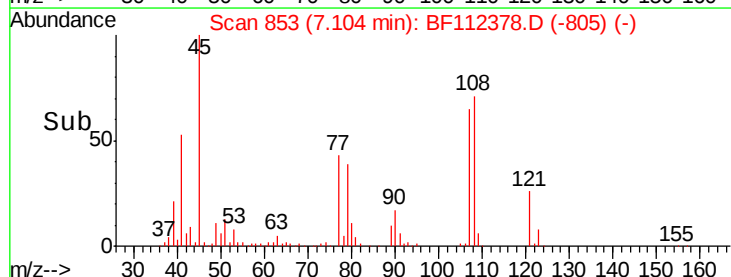
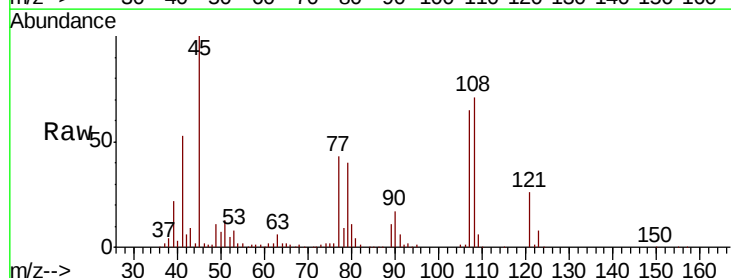
Instrument :
BNA_F
ClientSampleId :
PB116785BS

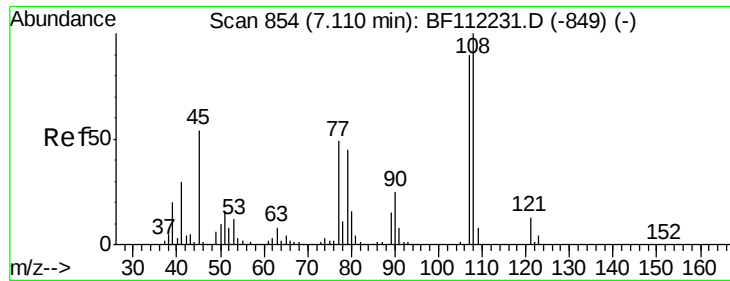
Tot Ion: 79 Resp: 338235
Ion Ratio Lower Upper
79 100
108 77.5 64.2 96.2
77 63.9 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.342 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion: 45 Resp: 450112
Ion Ratio Lower Upper
45 100
77 43.5 0.0 36.9#
79 39.5 0.0 34.0#





#17

2-Methylphenol

Concen: 40.019 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

Tot Ion:107 Resp: 325107

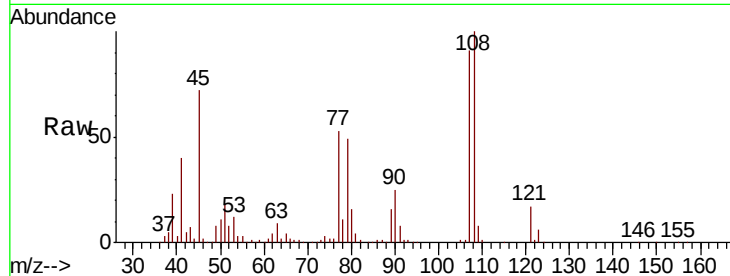
Ion Ratio Lower Upper

107 100

108 109.9 91.3 136.9

77 58.7 39.0 58.6#

79 54.0 37.0 55.4

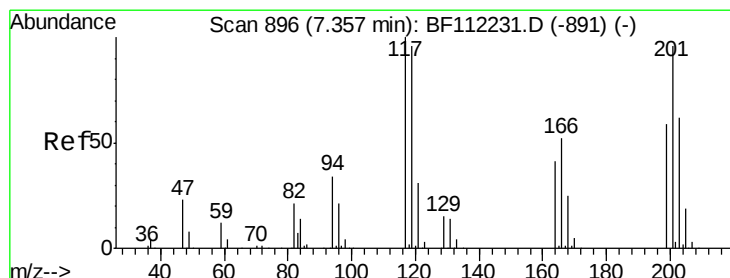
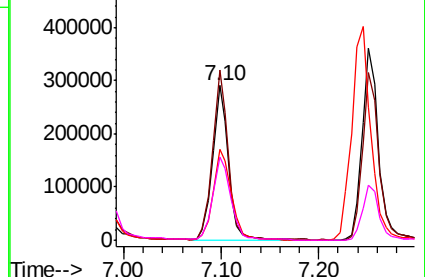
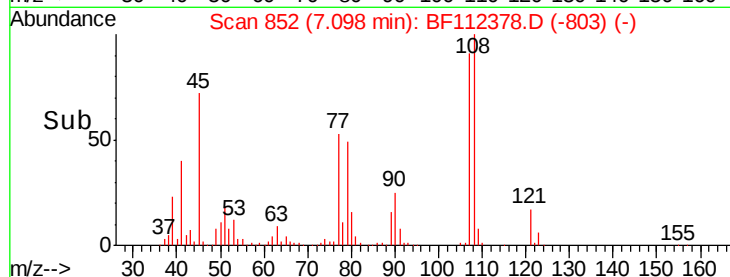


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.904 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

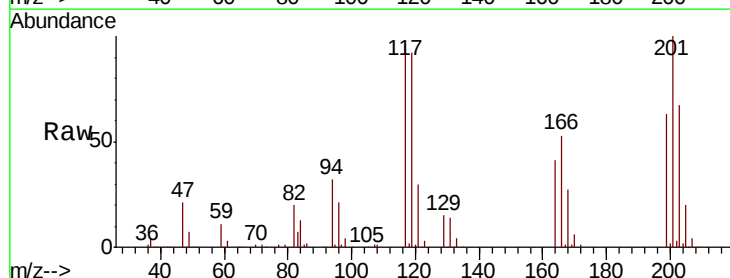
Tgt Ion:117 Resp: 163489

Ion Ratio Lower Upper

117 100

119 95.9 77.0 115.4

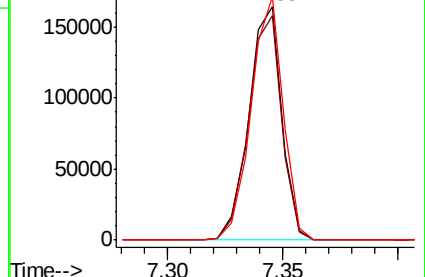
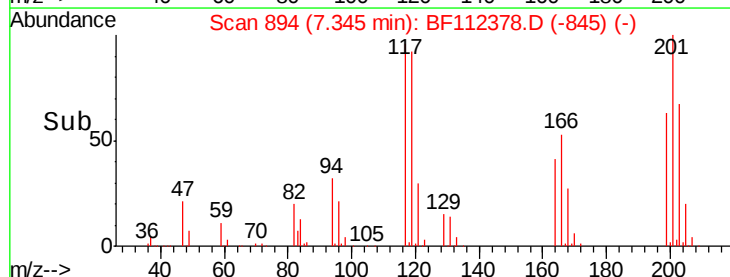
201 104.3 74.1 111.1



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

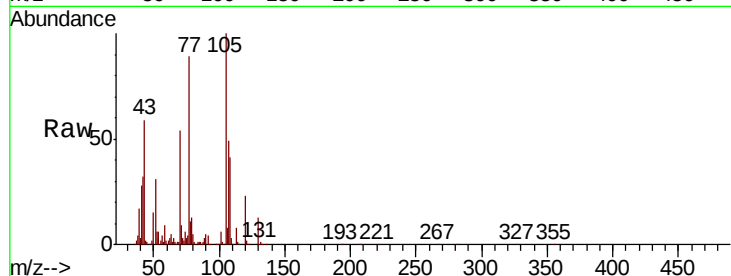




#19
n-Nitroso-di-n-propylamine
Concen: 37.375 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion:	70	Resp:	272802
Ion	Ratio	Lower	Upper
70	100		
42	60.2	47.6	71.4
101	10.3	7.9	11.9
130	23.4	18.4	27.6



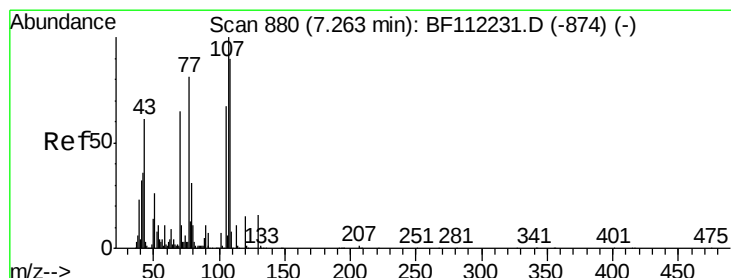
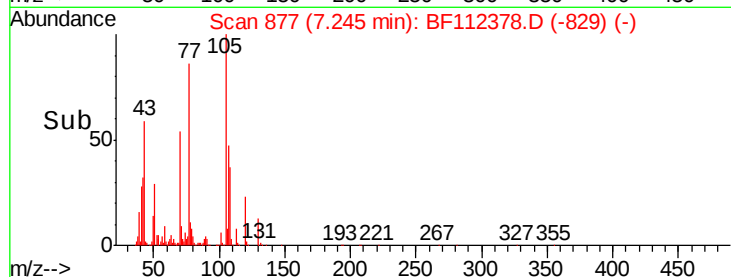
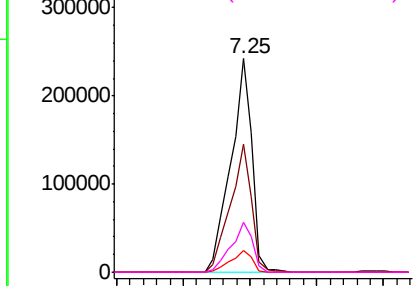
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

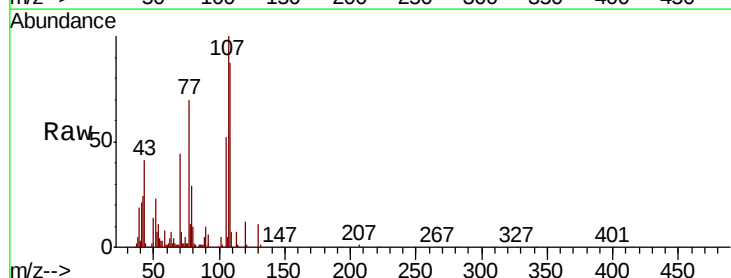
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 40.721 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:	107	Resp:	423029
Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.2	108.2
77	69.7	100.7	140.7#
79	28.7	7.3	47.3



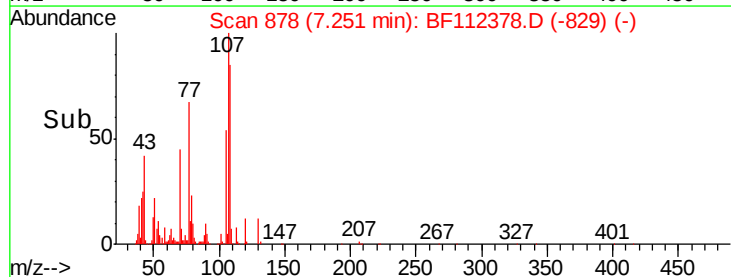
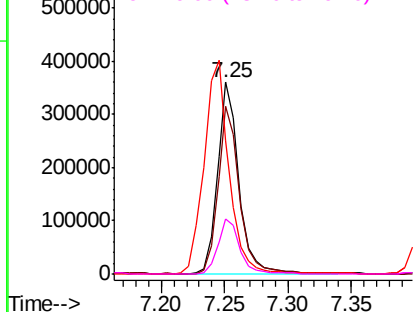
Abundance

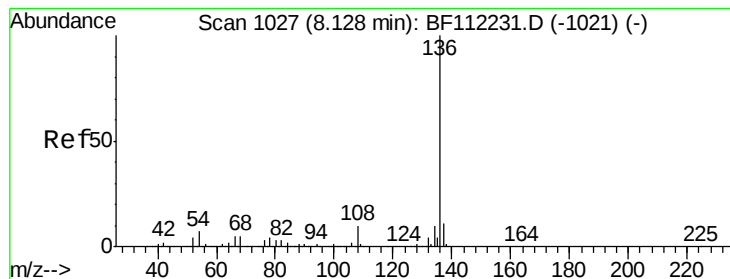
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

Tot Ion:136 Resp: 630313

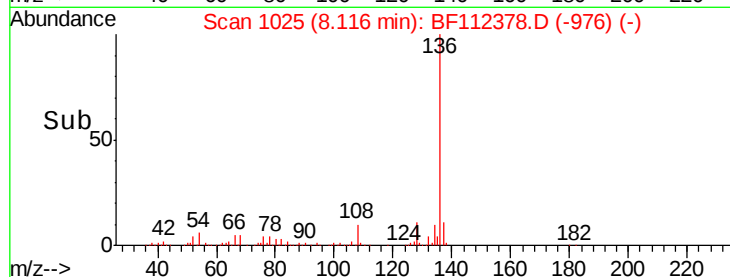
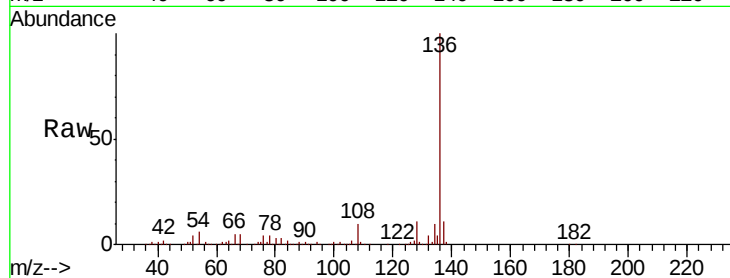
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.5 5.9 8.9

68 4.9 5.1 7.7#

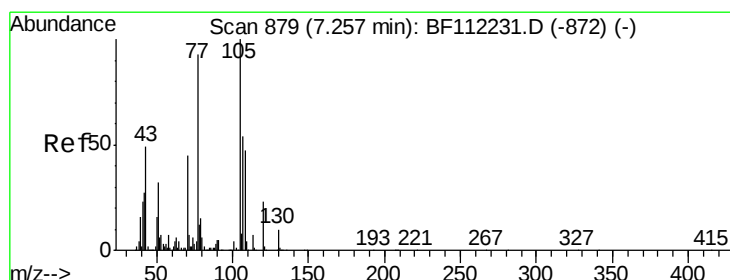
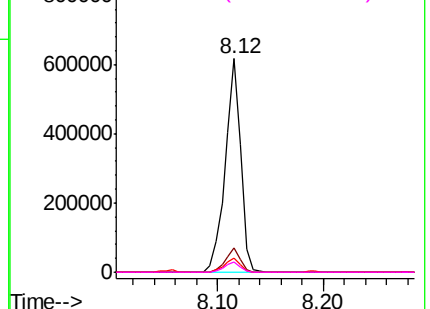


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.428 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Tgt Ion:105 Resp: 559102

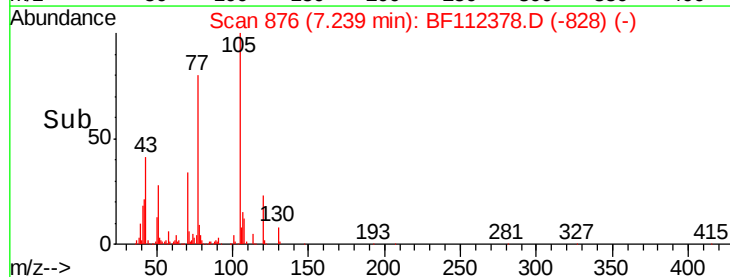
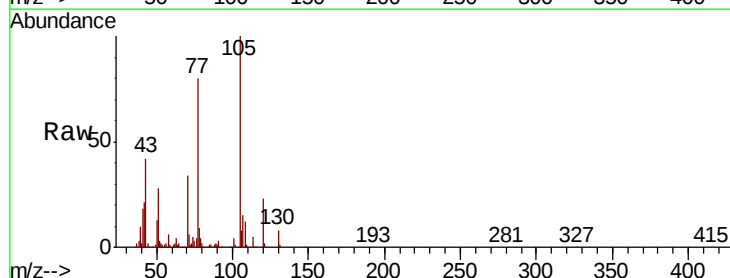
Ion Ratio Lower Upper

105 100

71 5.7 4.6 6.8

51 28.1 25.0 37.6

120 22.9 19.0 28.4

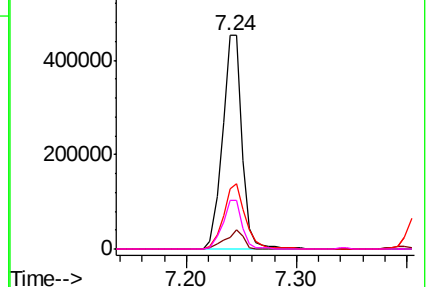


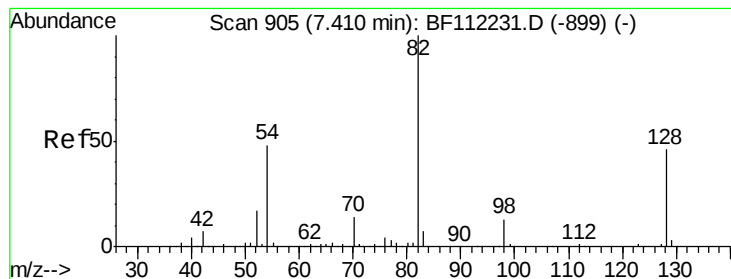
Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.153 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

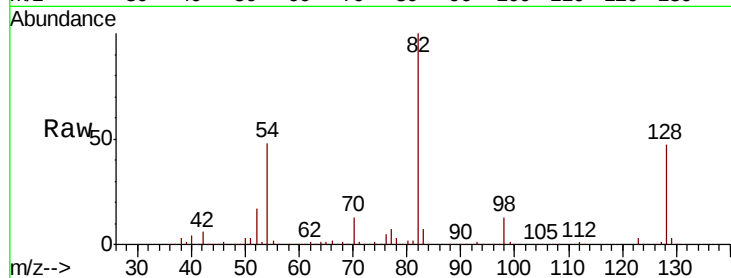
Tot Ion: 82 Resp: 843995

Ion Ratio Lower Upper

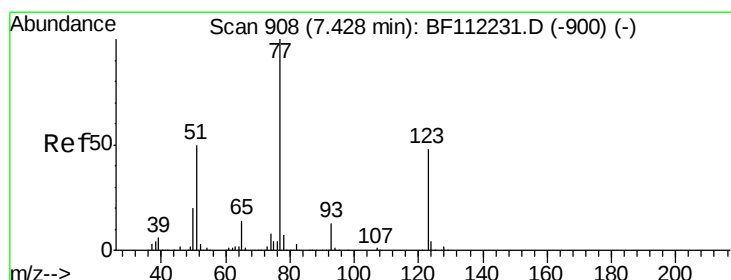
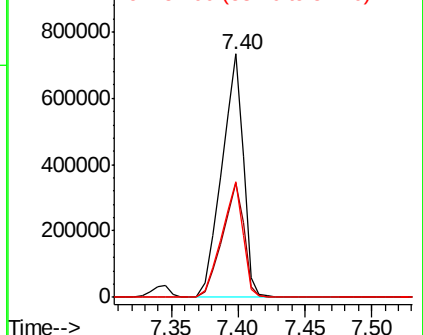
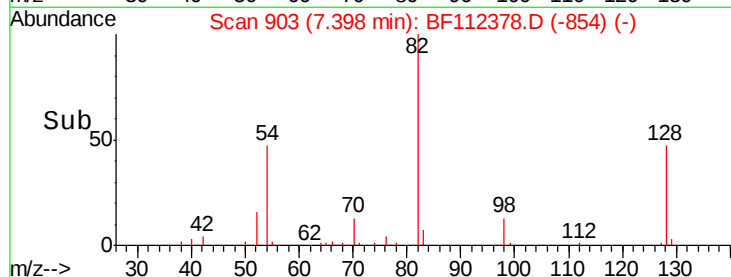
82 100

128 46.9 37.8 56.8

54 47.5 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: 38.077 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

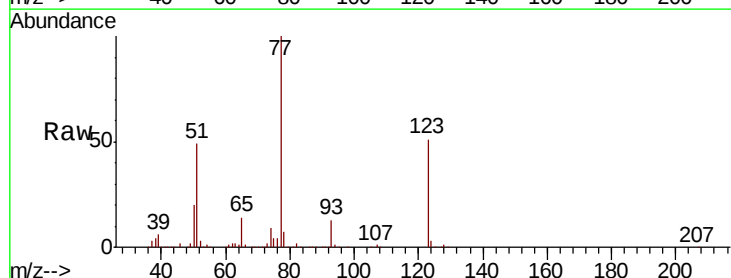
Tgt Ion: 77 Resp: 415996

Ion Ratio Lower Upper

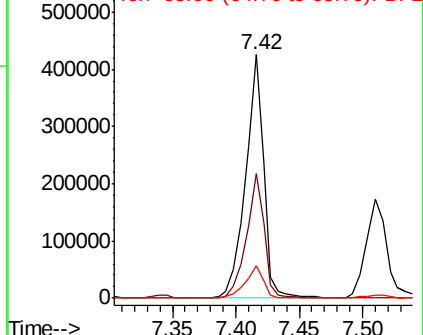
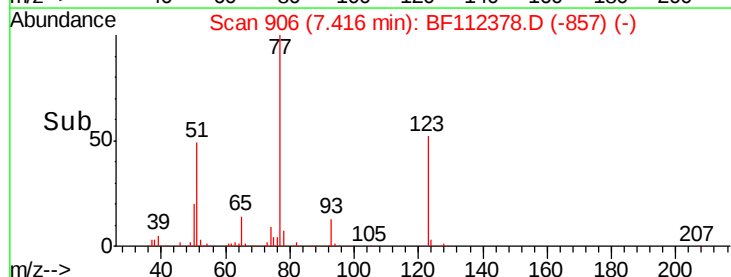
77 100

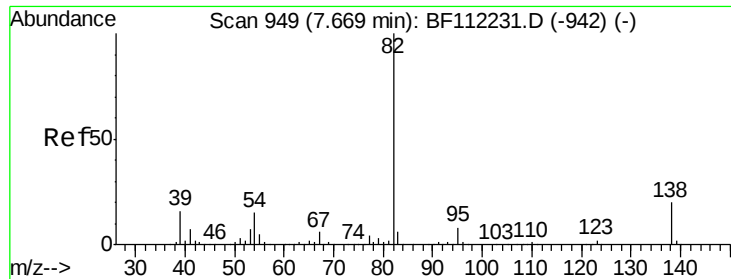
123 50.9 38.4 57.6

65 13.6 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: 43.019 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

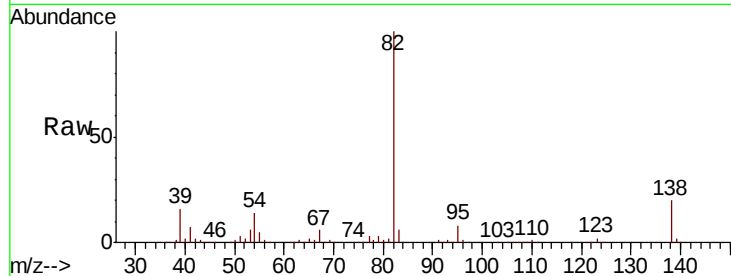
Tot Ion: 82 Resp: 738256

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

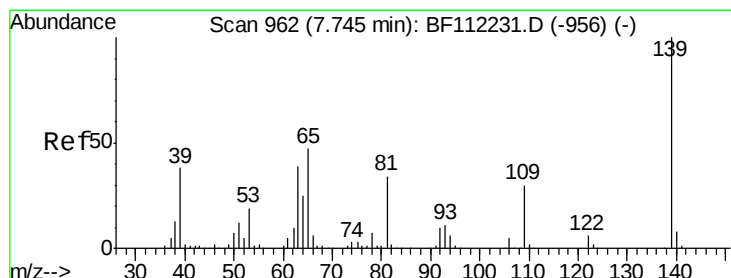
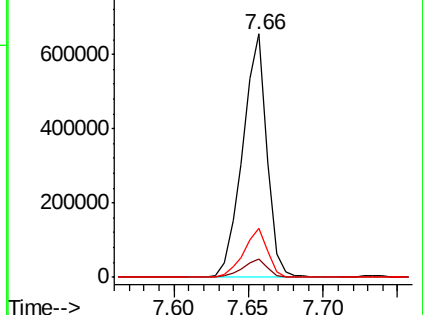
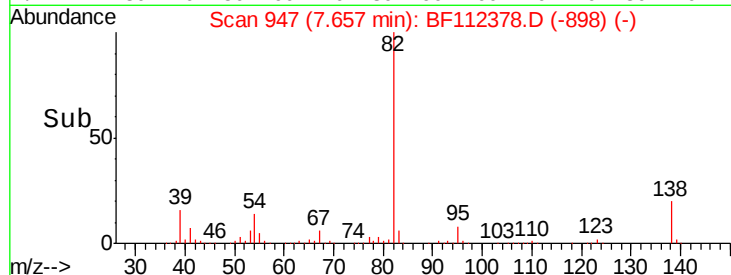
138 20.3 15.4 23.0



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: 38.900 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

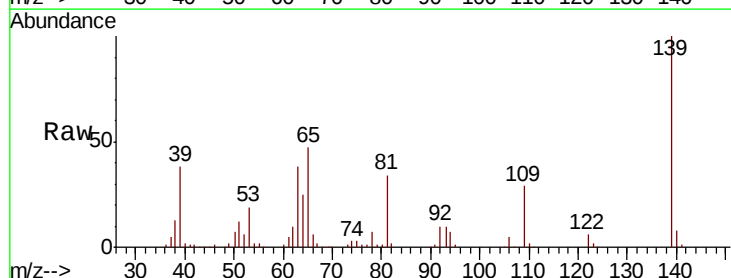
Tgt Ion: 139 Resp: 227118

Ion Ratio Lower Upper

139 100

109 29.3 20.8 31.2

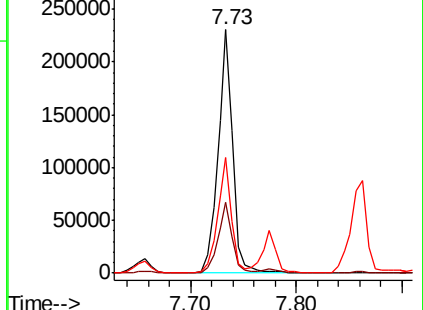
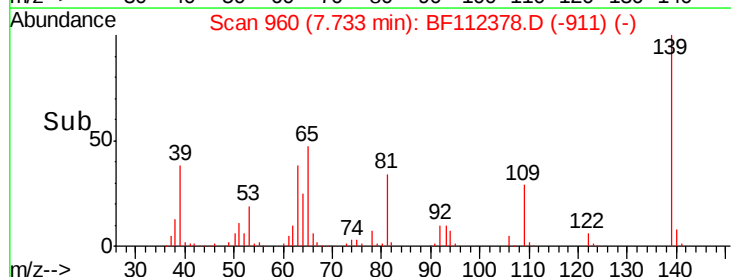
65 47.4 34.4 51.6

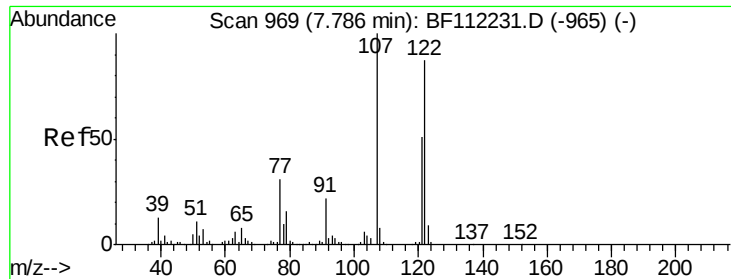


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.568 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

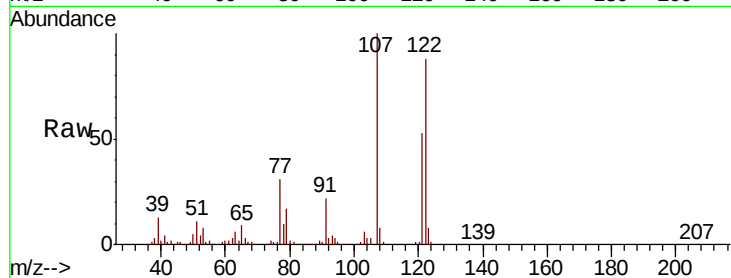
Tot Ion:122 Resp: 358511

Ion Ratio Lower Upper

122 100

107 113.9 85.4 128.0

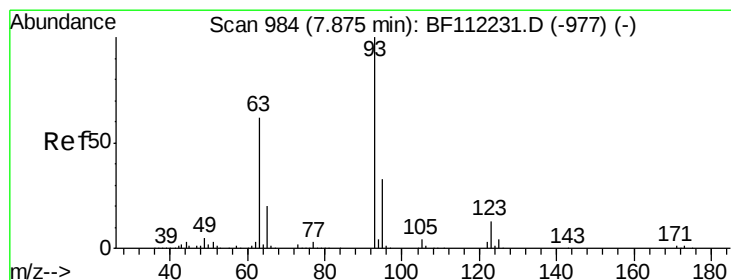
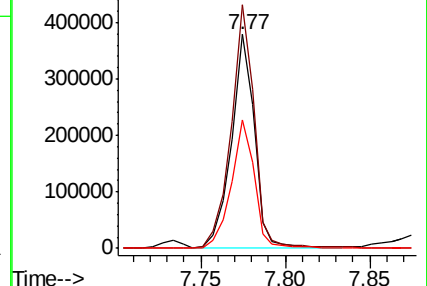
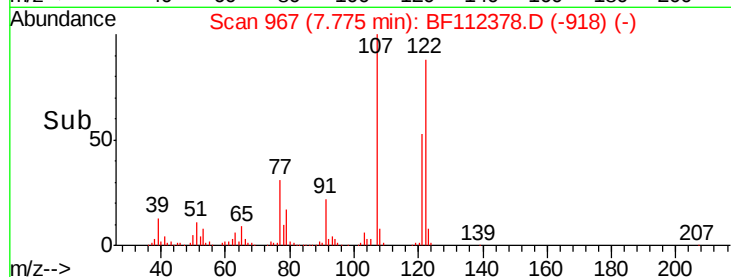
121 60.1 47.0 70.4



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: 39.633 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

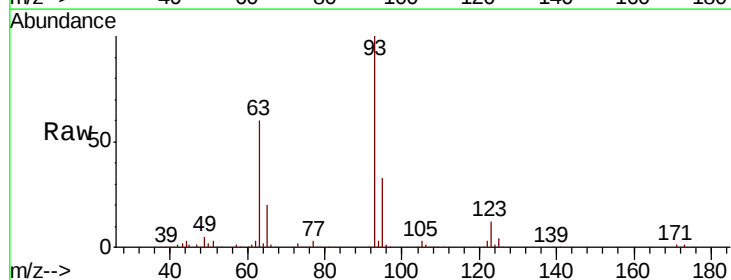
Tgt Ion: 93 Resp: 463123

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

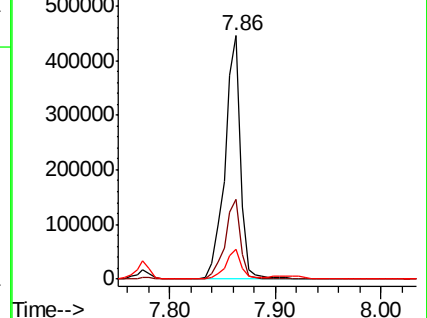
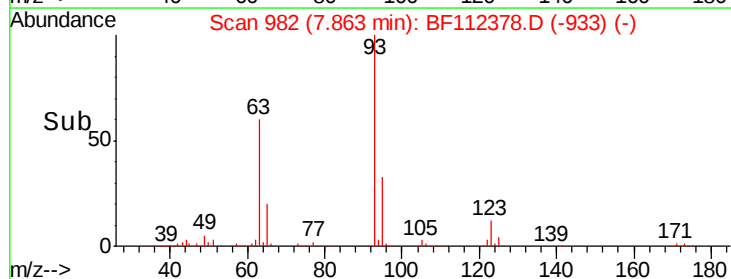
123 12.1 10.2 15.2

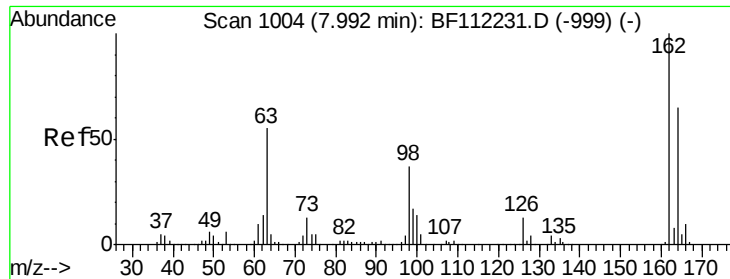


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

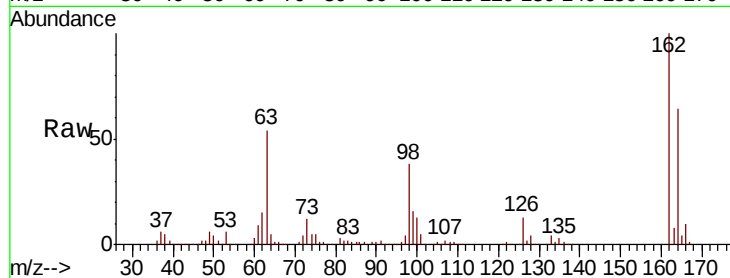




#29
 2,4-Dichlorophenol
 Concen: 40.045 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	37.6	14.6	54.6

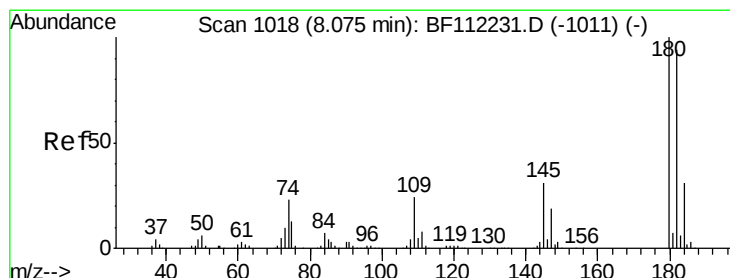
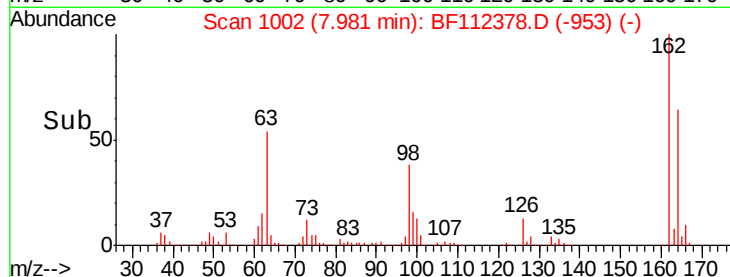
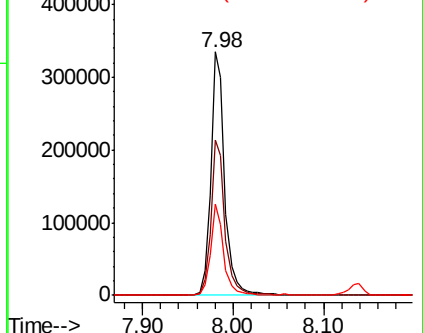


Abundance

Ion 162.00 (161.70 to 162.70): E

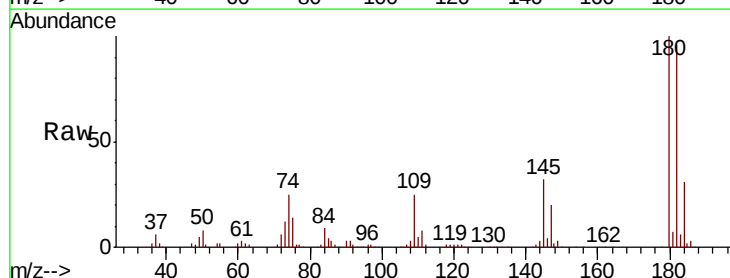
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.433 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
145	31.7	25.0	37.4

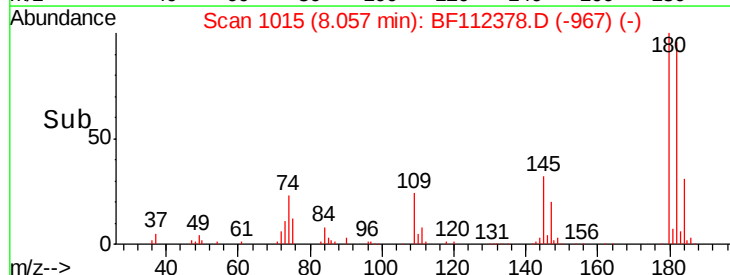
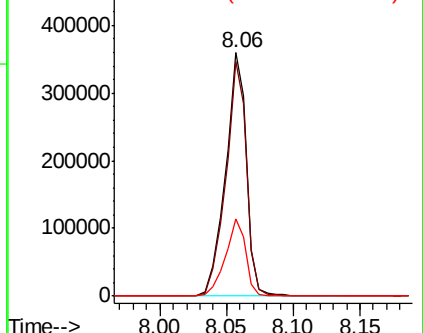


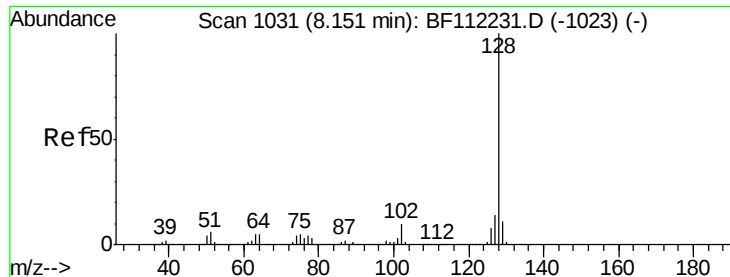
Abundance

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

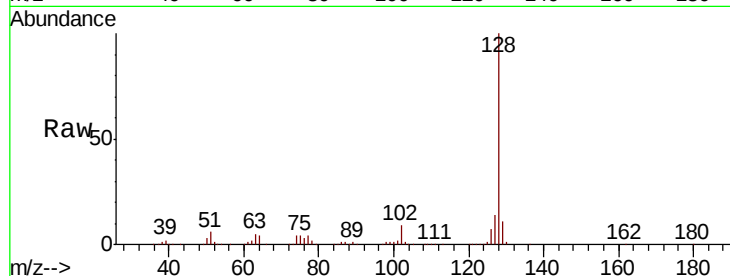




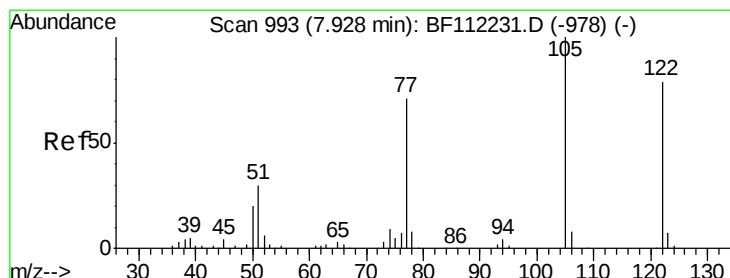
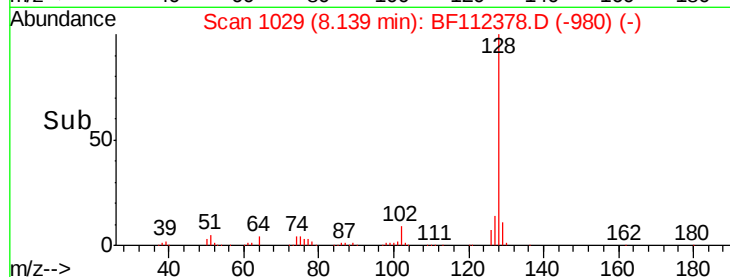
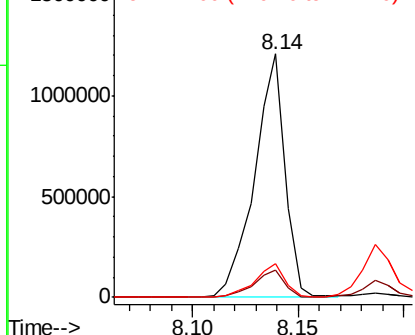
#31
Naphthalene
Concen: 41.428 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion:128 Resp: 1221150
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 13.6 11.1 16.7

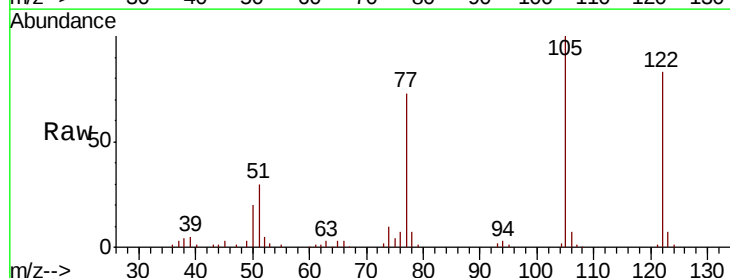


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

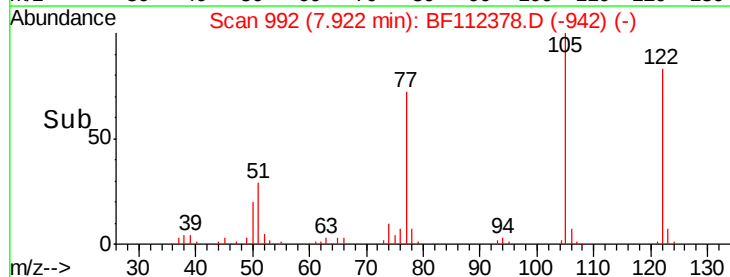
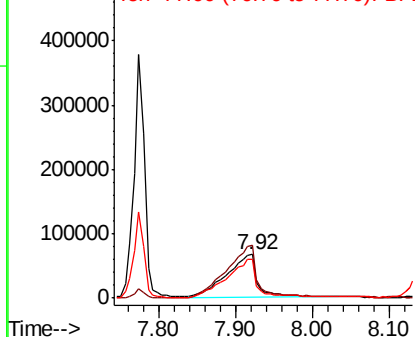


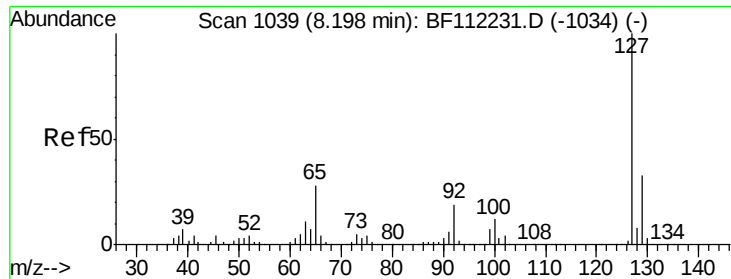
#32
Benzoic acid
Concen: 41.177 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:122 Resp: 188941
Ion Ratio Lower Upper
122 100
105 120.4 101.2 141.2
77 88.0 70.4 110.4



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

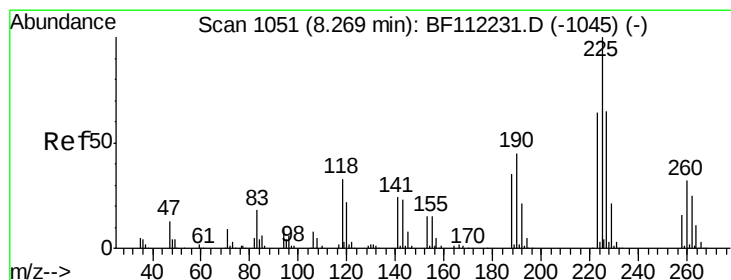
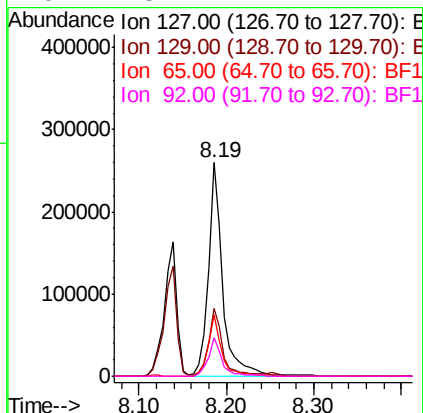
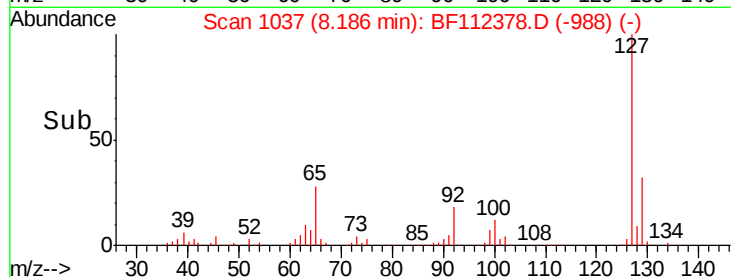
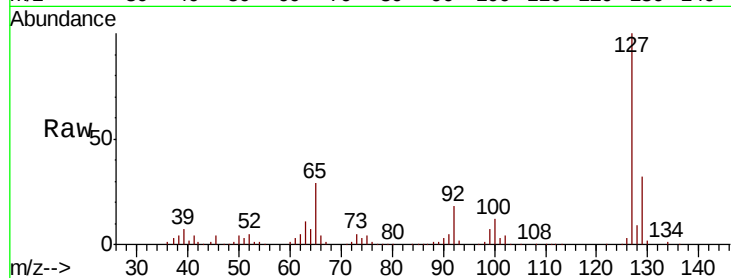




#33
4-Chloroaniline
Concen: 23.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

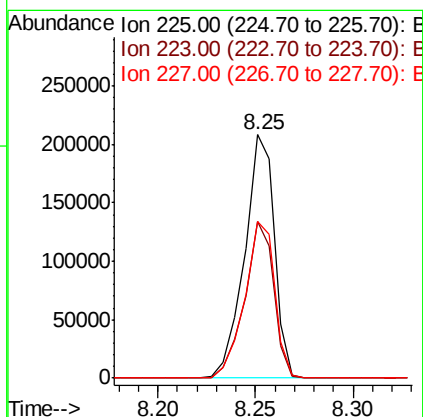
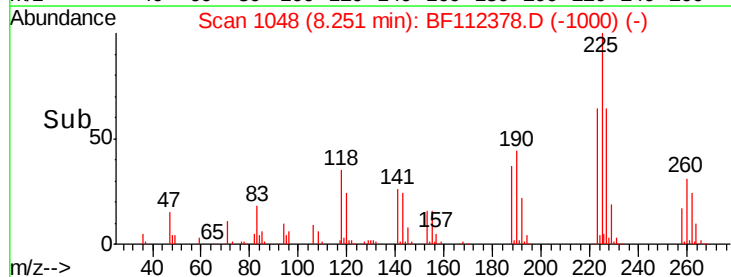
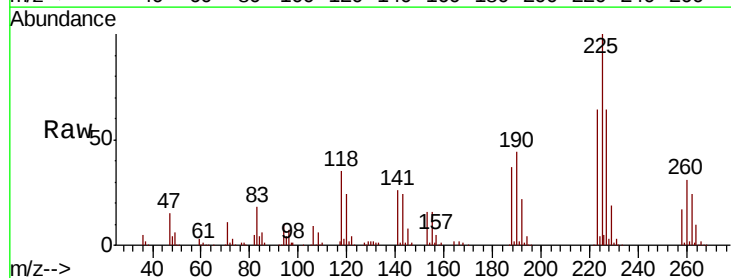
Instrument :
BNA_F
ClientSampleId :
PB116785BS

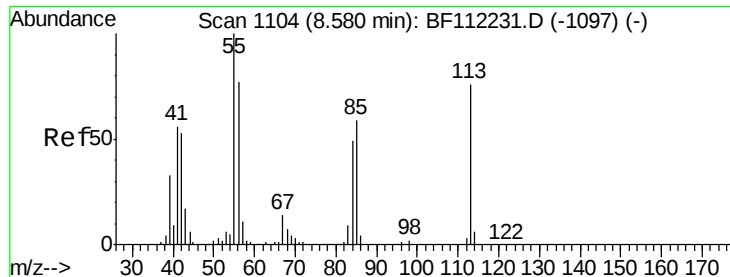
Tot Ion:	127	Resp:	295201
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.6	39.8
65	28.5	21.4	32.2
92	18.1	14.2	21.2



#34
Hexachlorobutadiene
Concen: 36.253 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:	225	Resp:	220132
Ion Ratio	Lower	Upper	
225	100		
223	64.3	50.3	75.5
227	64.1	51.8	77.8





#35

Caprolactam

Concen: 18.789 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

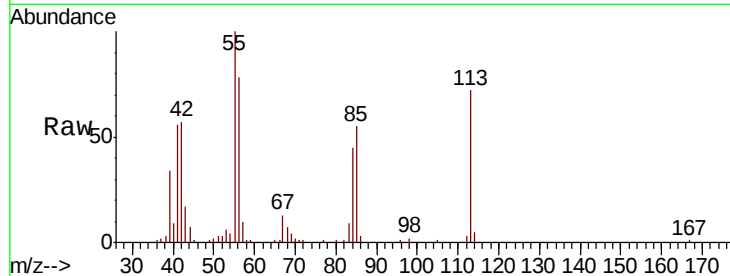
Tot Ion:113 Resp: 59666

Ion Ratio Lower Upper

113 100

55 139.8 121.6 161.6

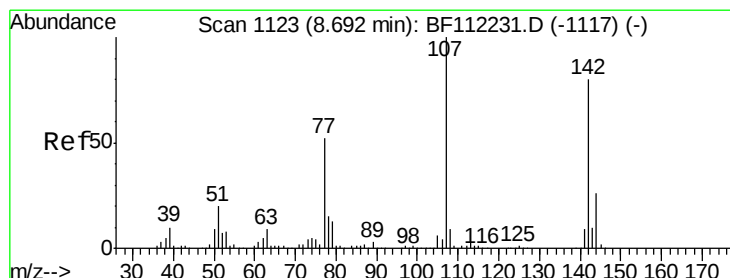
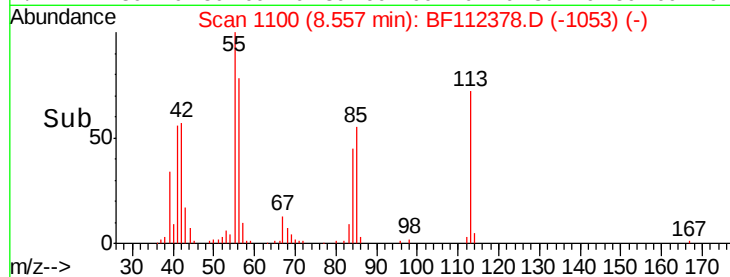
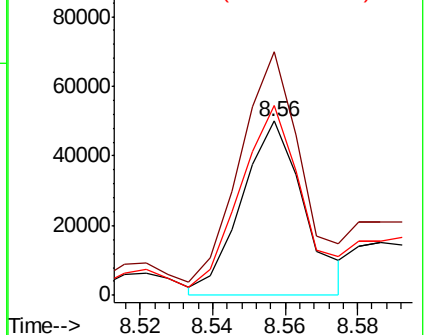
56 109.4 86.7 126.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.652 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

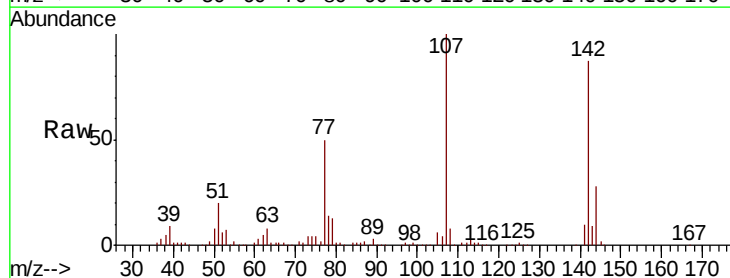
Tgt Ion:107 Resp: 368334

Ion Ratio Lower Upper

107 100

144 28.1 22.2 33.2

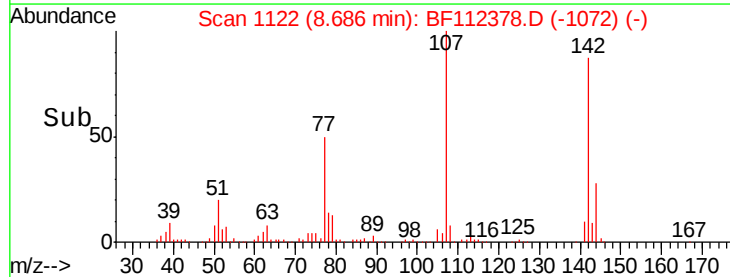
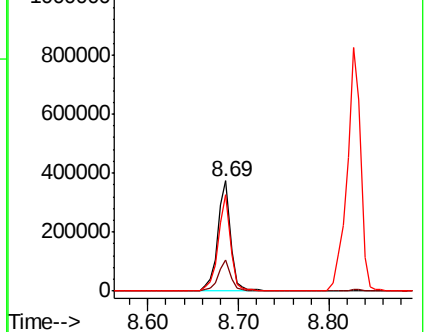
142 87.2 67.7 101.5

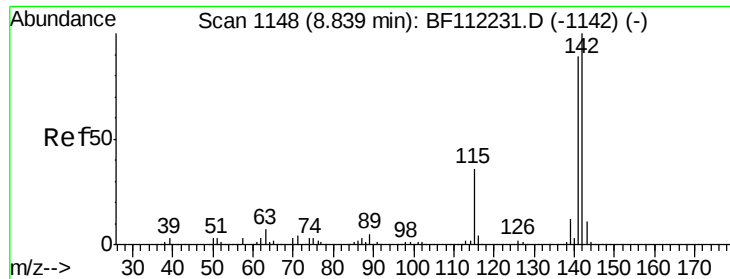


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

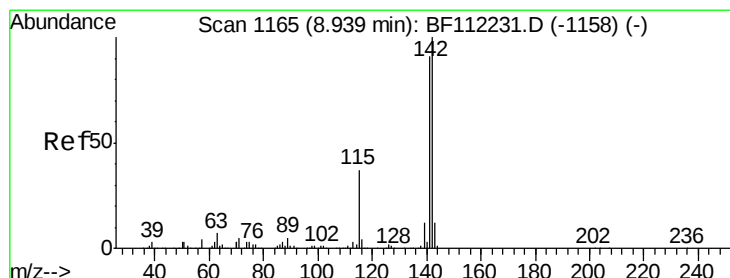
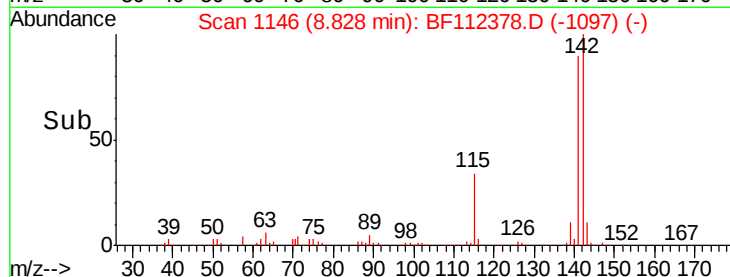
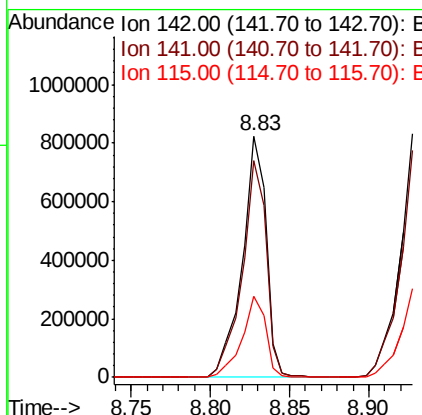
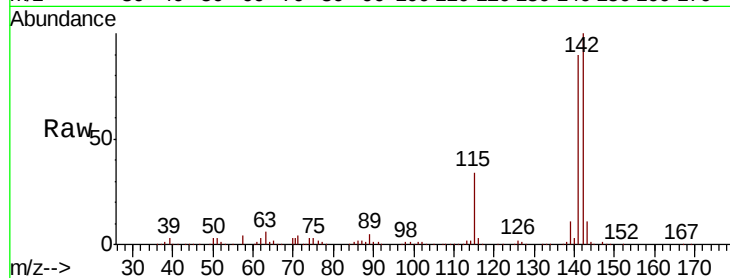




#37
2-Methylnaphthalene
Concen: 42.701 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

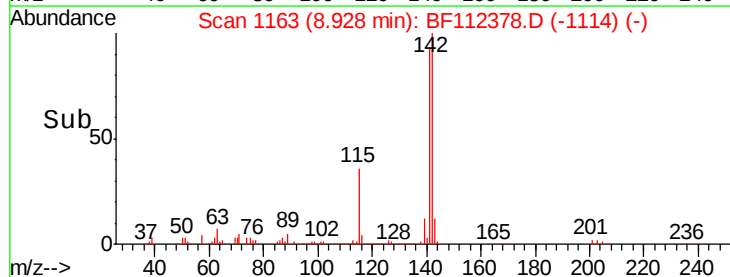
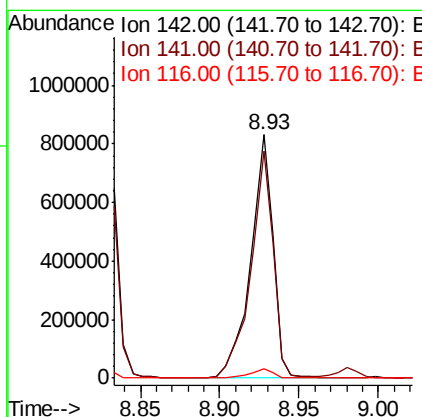
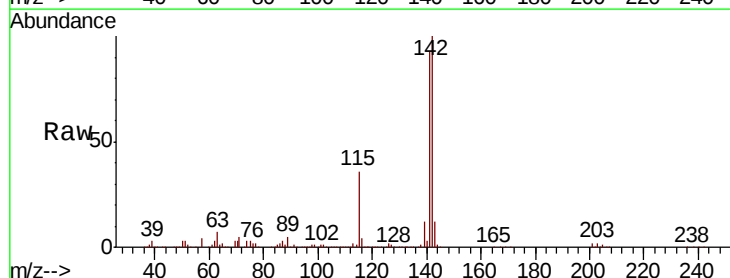
Instrument :
BNA_F
ClientSampleId :
PB116785BS

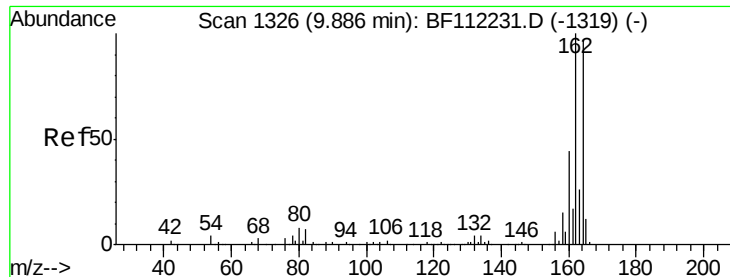
Tot Ion:142 Resp: 861657
Ion Ratio Lower Upper
142 100
141 89.6 70.9 106.3
115 33.7 24.9 37.3



#38
1-Methylnaphthalene
Concen: 41.702 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:142 Resp: 806558
Ion Ratio Lower Upper
142 100
141 93.1 72.6 108.8
116 3.7 2.8 4.2

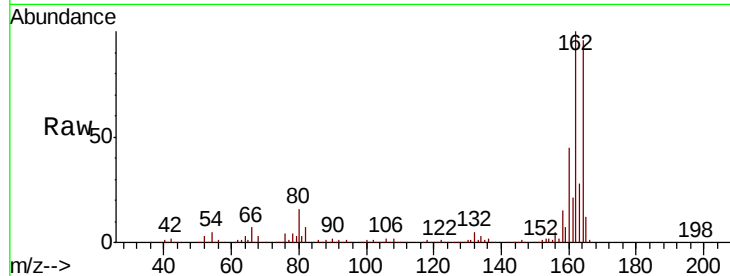




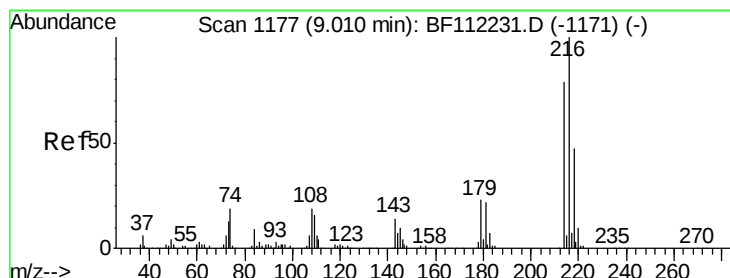
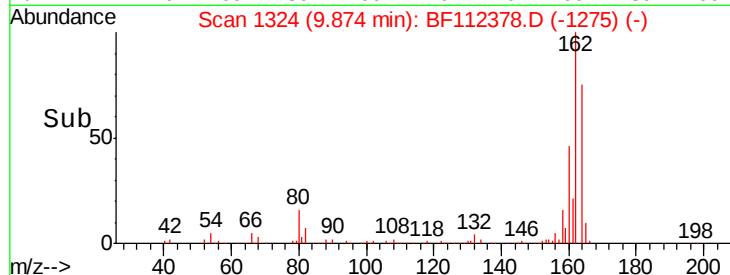
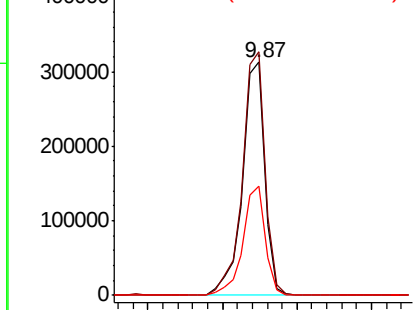
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Tot Ion:164 Resp: 323674
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.2 123.4
 160 47.1 36.2 54.4

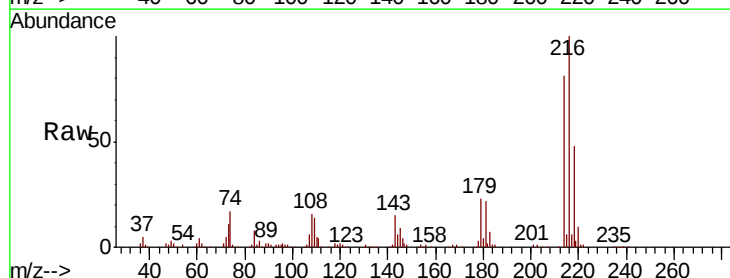


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

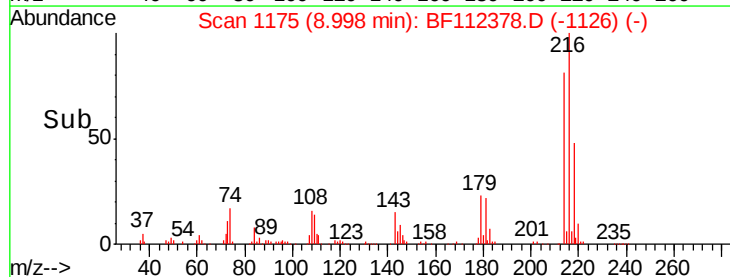
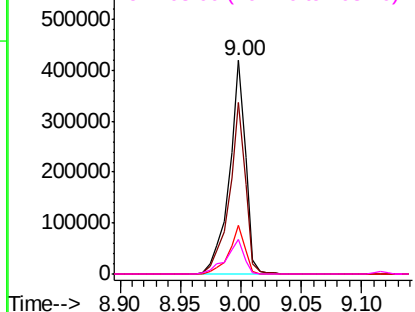


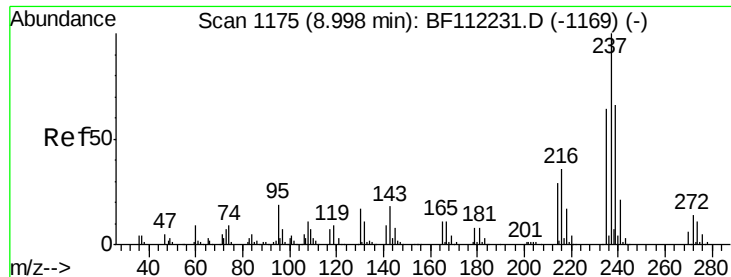
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.958 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion:216 Resp: 392768
 Ion Ratio Lower Upper
 216 100
 214 79.2 63.8 95.6
 179 22.1 16.9 25.3
 108 18.5 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

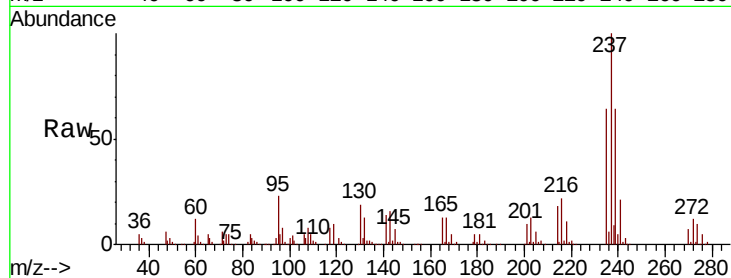




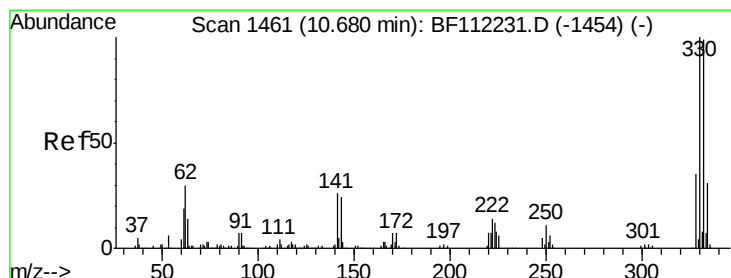
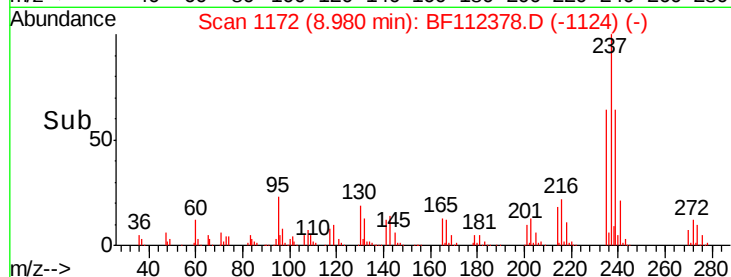
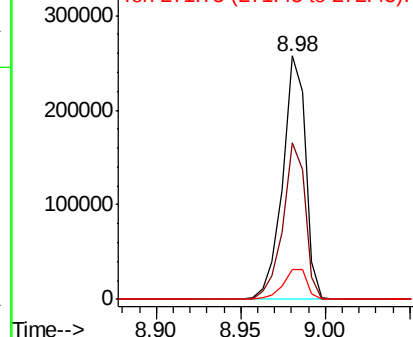
#41
Hexachlorocyclopentadiene
Concen: 62.621 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion:237 Resp: 242780
Ion Ratio Lower Upper
237 100
235 64.1 44.0 84.0
272 12.5 0.0 33.3

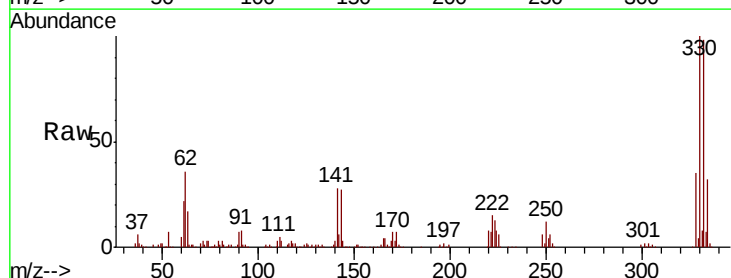


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

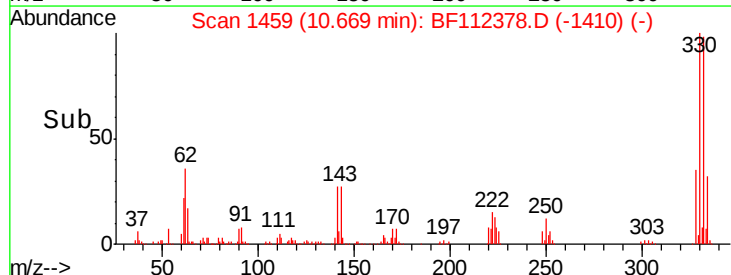
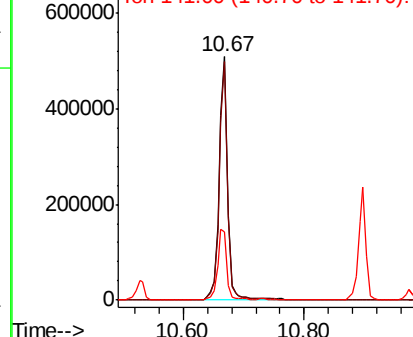


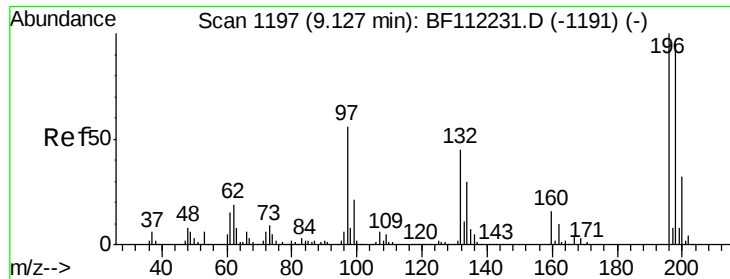
#42
2,4,6-Tribromophenol
Concen: 132.409 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:330 Resp: 498846
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 31.4 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

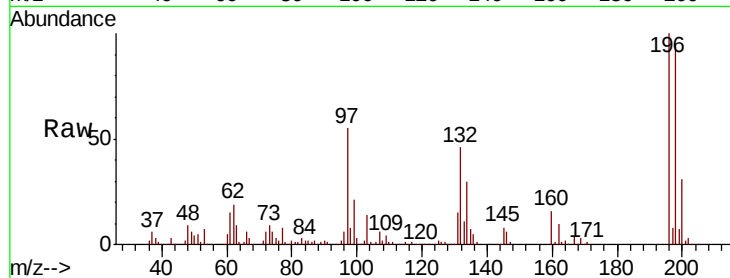




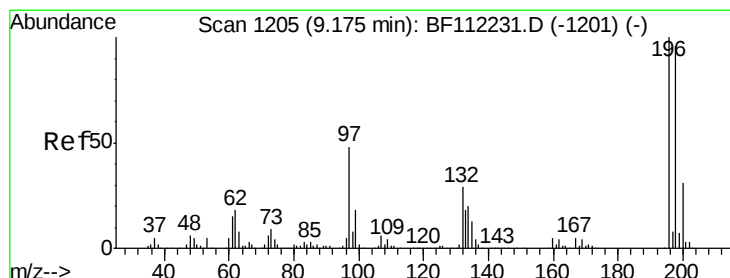
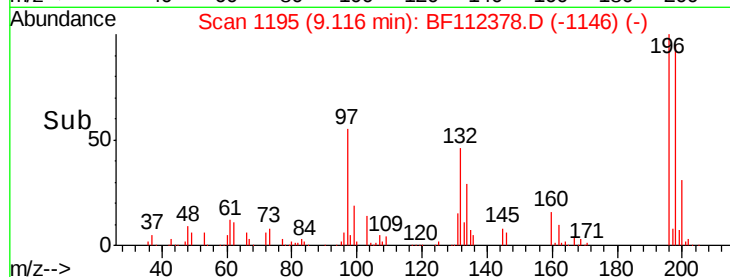
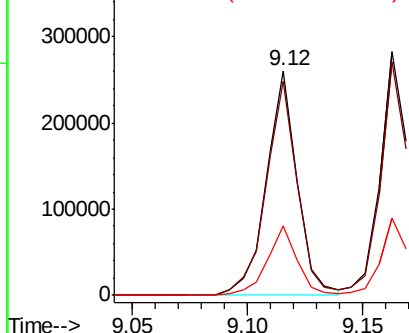
#43
 2,4,6-Trichlorophenol
 Concen: 37.005 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Tot Ion:196 Resp: 242413
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.2 114.4
 200 30.8 24.3 36.5

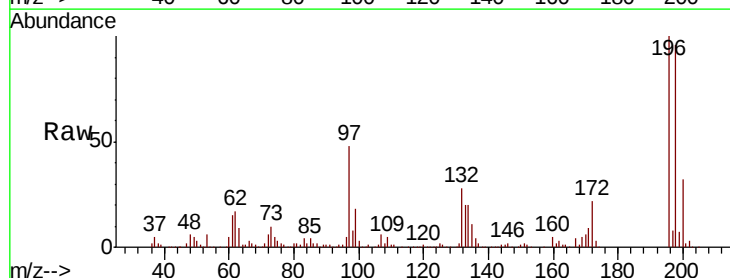


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

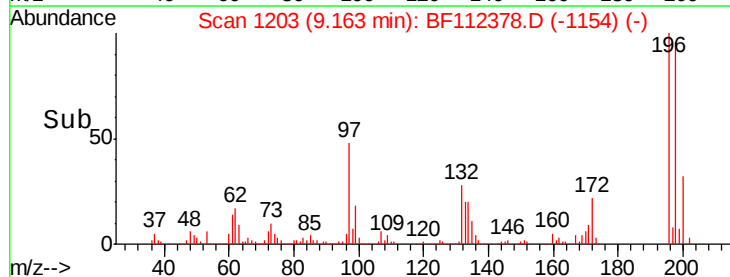
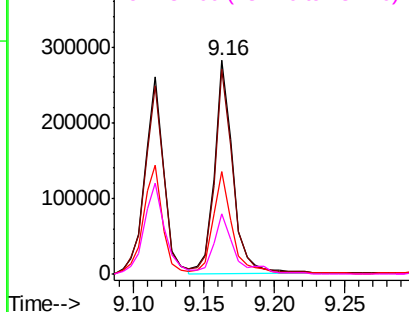


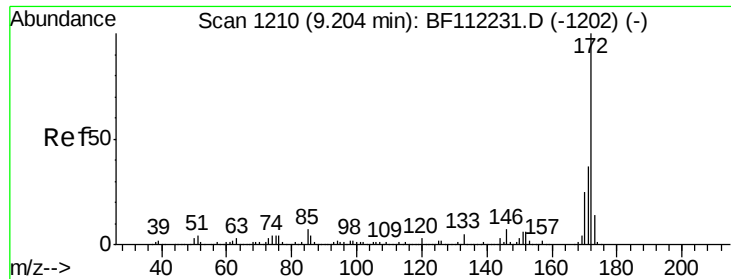
#44
 2,4,5-Trichlorophenol
 Concen: 37.591 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion:196 Resp: 257366
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.0 114.0
 97 47.7 36.4 54.6
 132 28.2 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

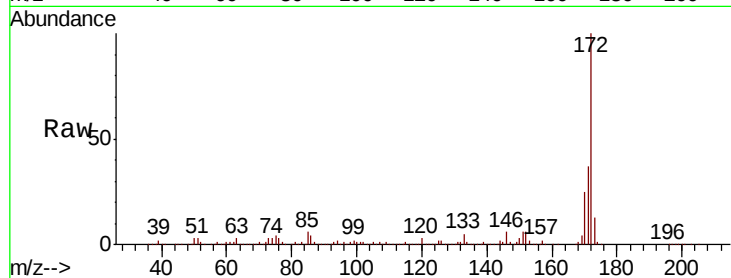




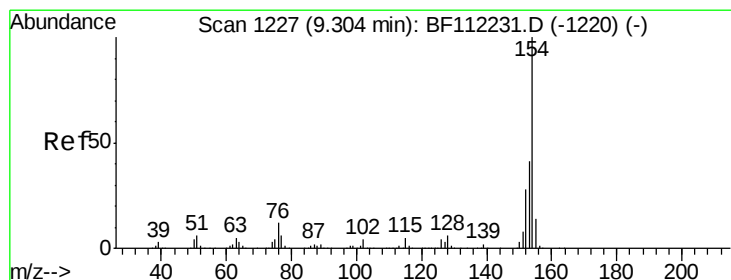
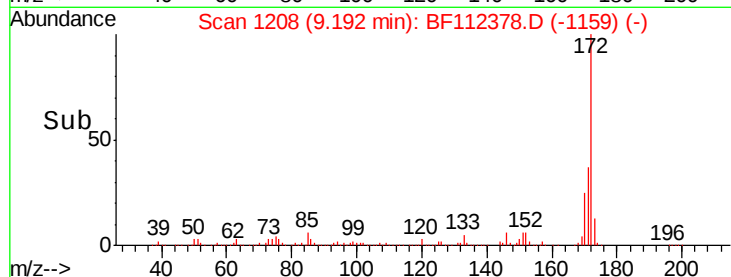
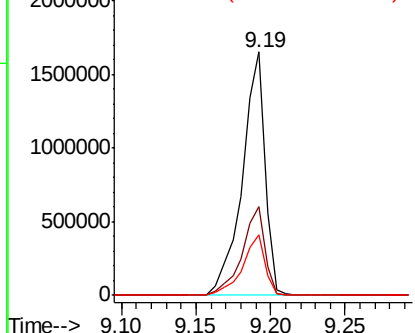
#45
 2-Fluorobiphenyl
 Concen: 76.566 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Tot Ion:172 Resp: 1752230
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 24.7 20.2 30.4

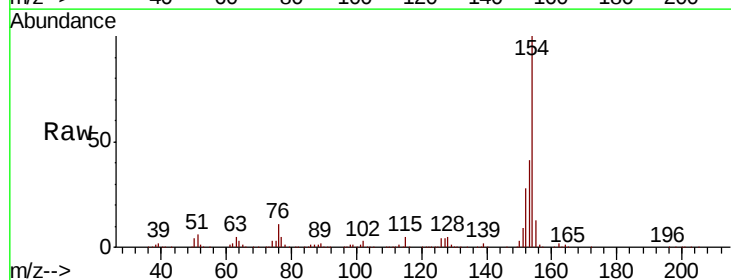


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

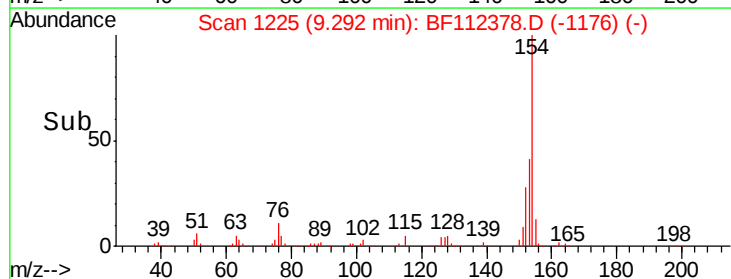
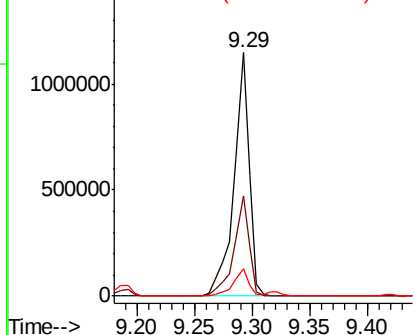


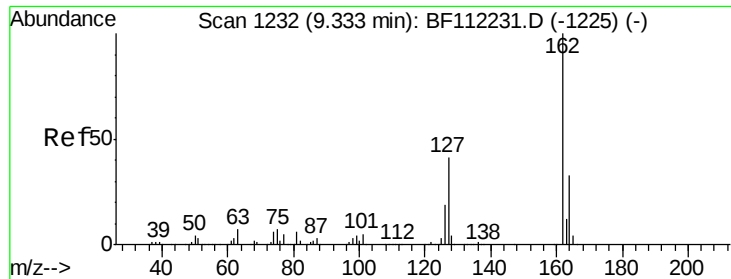
#46
 1,1'-Biphenyl
 Concen: 36.925 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion:154 Resp: 1044848
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.5 61.5
 76 11.3 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: 36.696 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

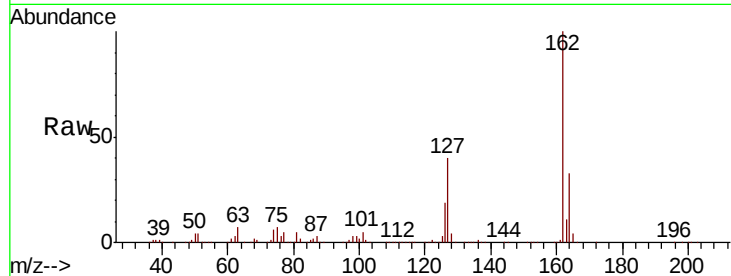
Tot Ion:162 Resp: 805235

Ion Ratio Lower Upper

162 100

127 39.5 30.4 45.6

164 33.1 27.4 41.2

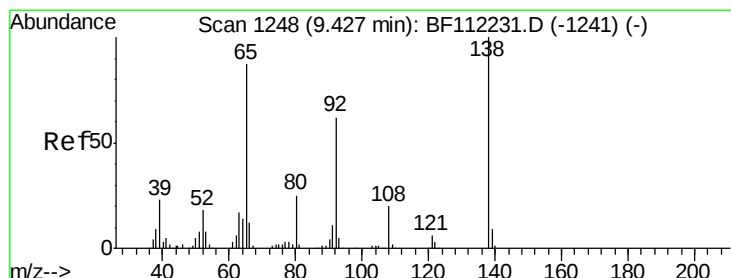
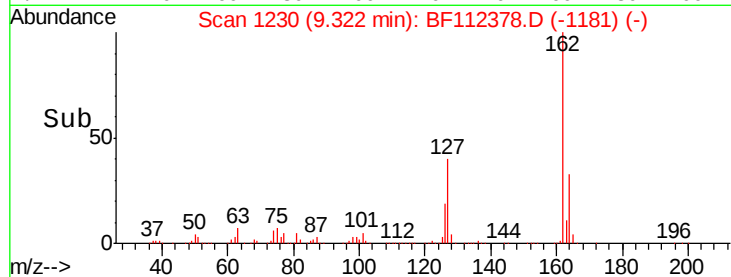
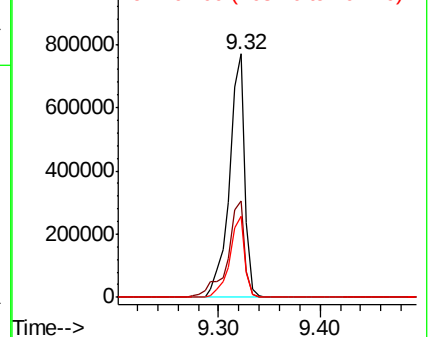


Abundance

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: 37.504 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

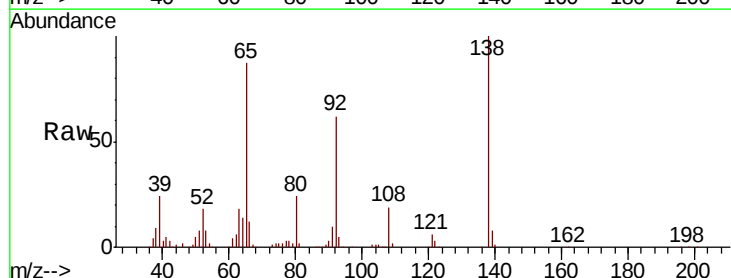
Tgt Ion: 65 Resp: 224303

Ion Ratio Lower Upper

65 100

92 70.6 60.4 90.6

138 114.4 104.4 156.6

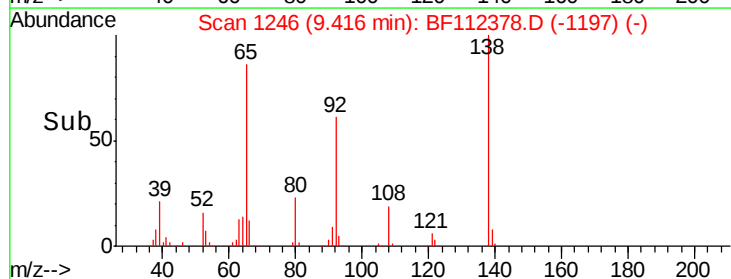
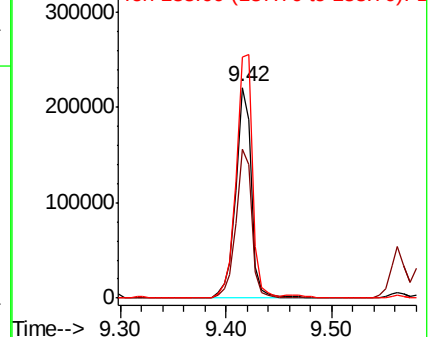


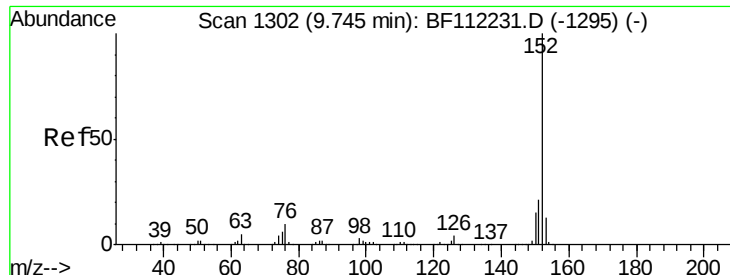
Abundance

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: 39.883 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

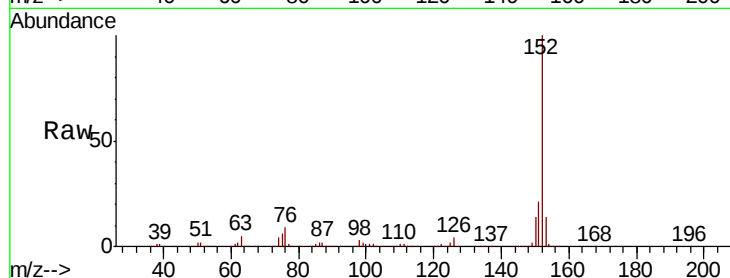
Tot Ion:152 Resp: 1282743

Ion Ratio Lower Upper

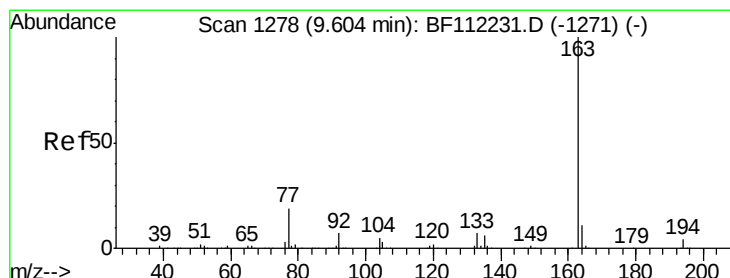
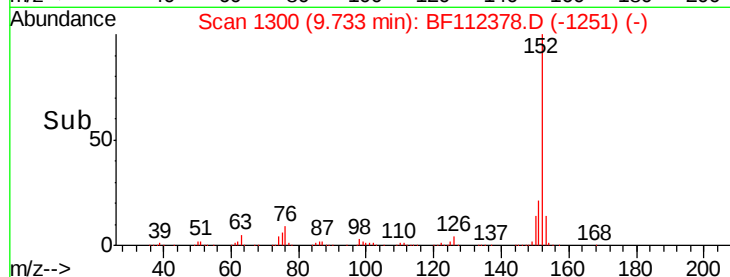
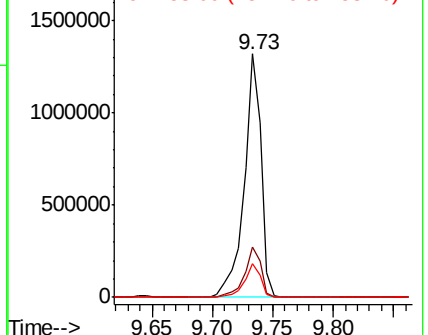
152 100

151 20.7 17.0 25.6

153 13.7 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: 37.217 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

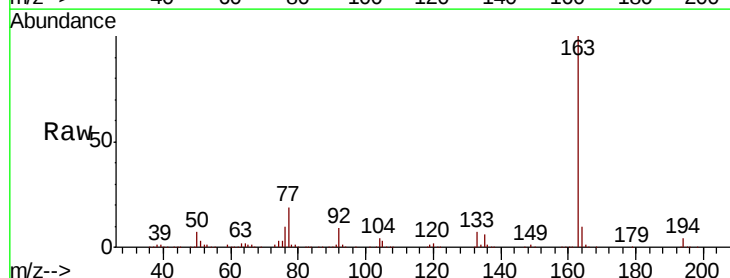
Tgt Ion:163 Resp: 935933

Ion Ratio Lower Upper

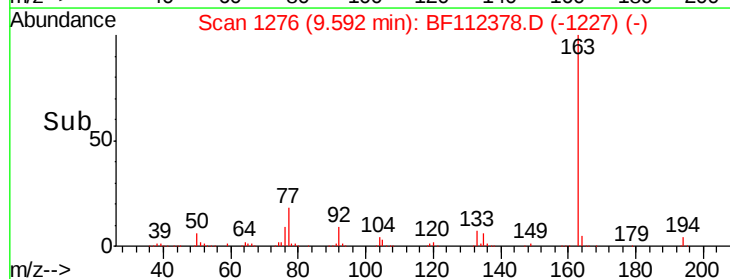
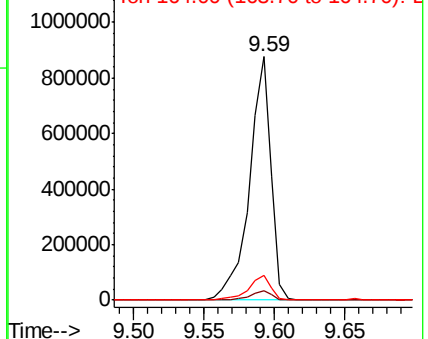
163 100

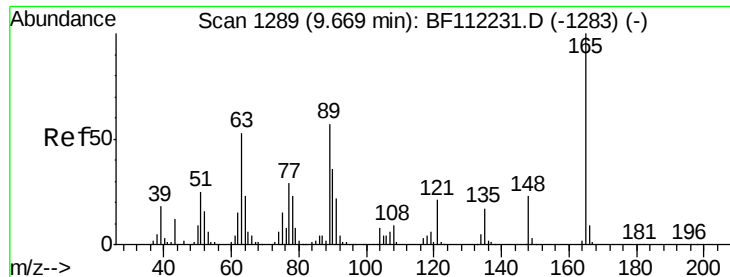
194 4.0 3.3 4.9

164 10.3 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: 38.267 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

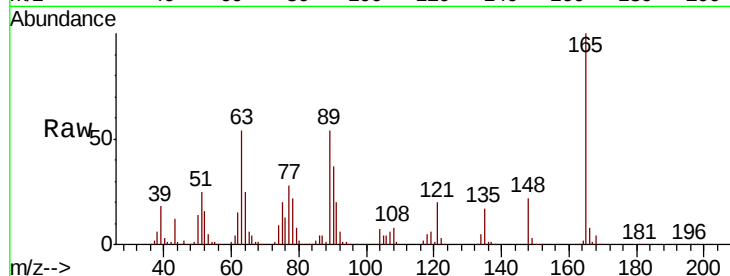
Tot Ion:165 Resp: 215527

Ion Ratio Lower Upper

165 100

63 53.7 33.8 50.8#

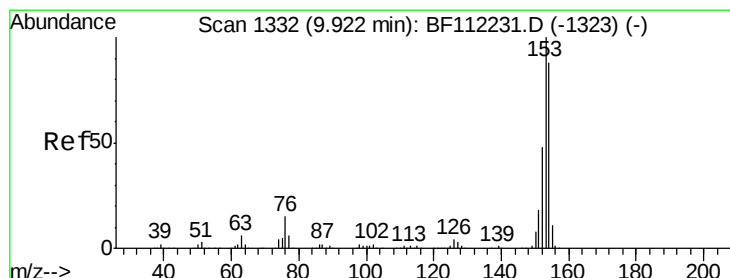
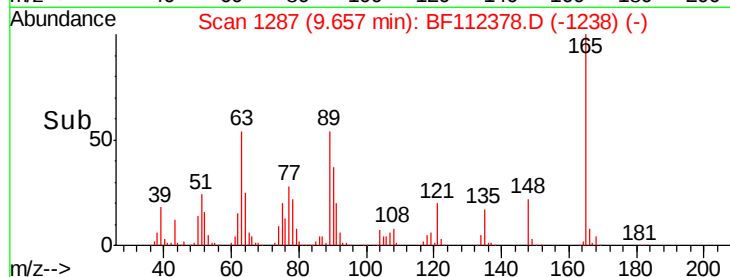
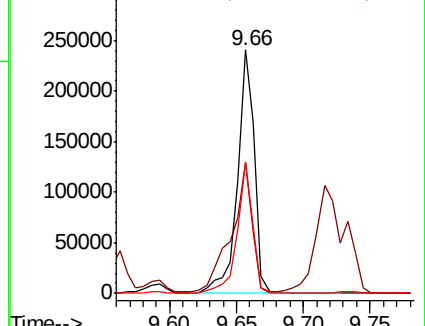
89 53.6 36.9 55.3



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



#52

Acenaphthene

Concen: 38.769 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

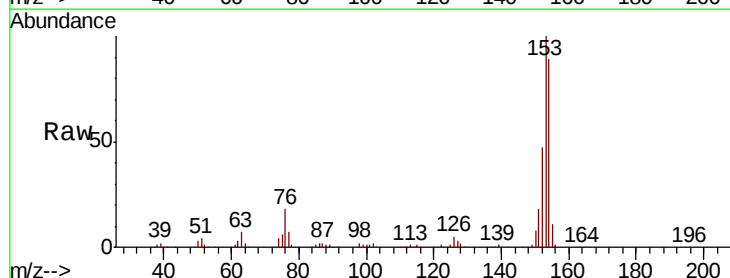
Tgt Ion:154 Resp: 744857

Ion Ratio Lower Upper

154 100

153 112.3 89.8 134.6

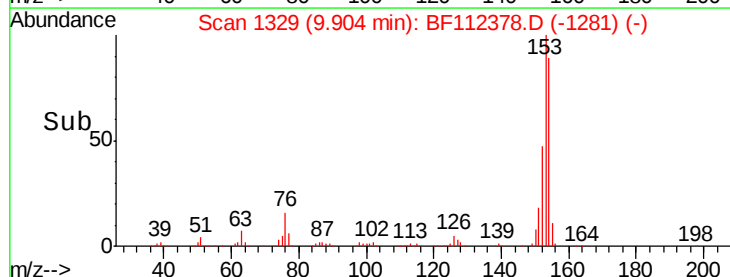
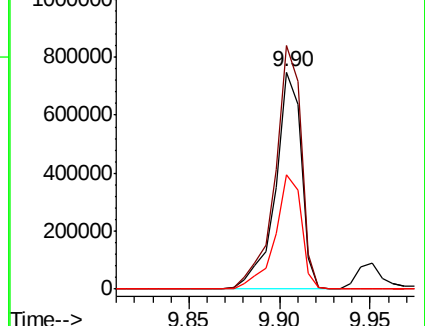
152 52.7 43.5 65.3

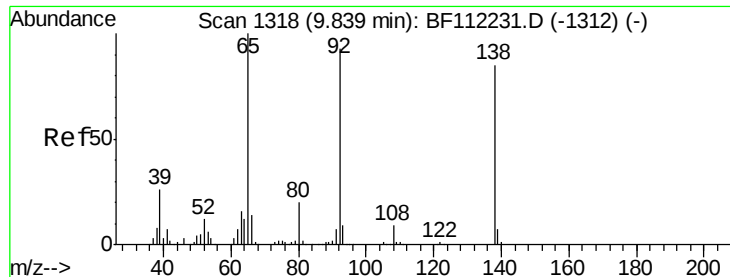


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

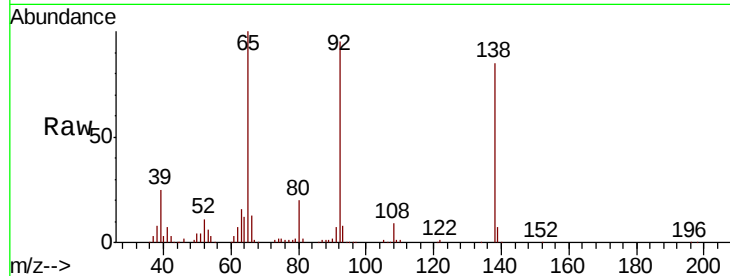




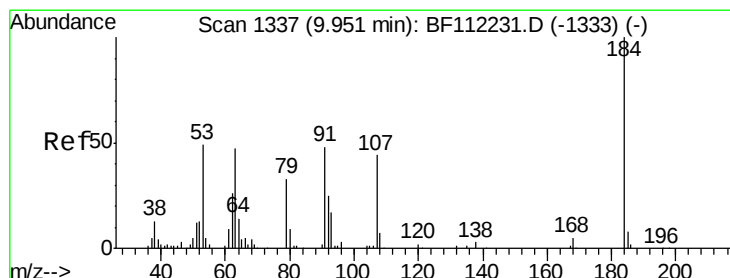
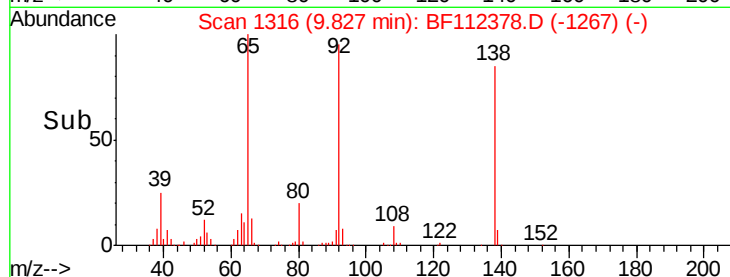
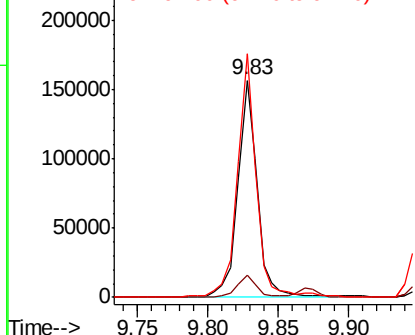
#53
 3-Nitroaniline
 Concen: 24.775 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Tot Ion:138 Resp: 151172
 Ion Ratio Lower Upper
 138 100
 108 10.3 9.8 14.6
 92 112.2 79.4 119.2

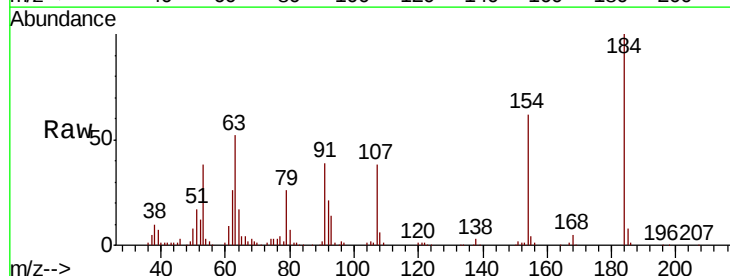


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

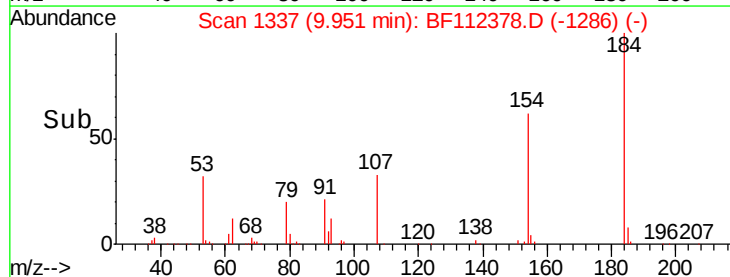
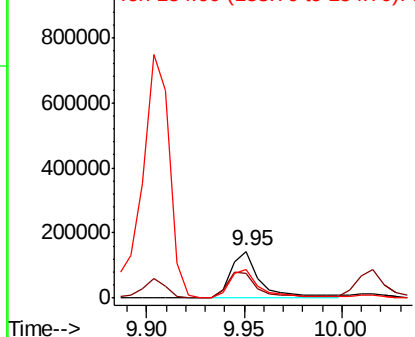


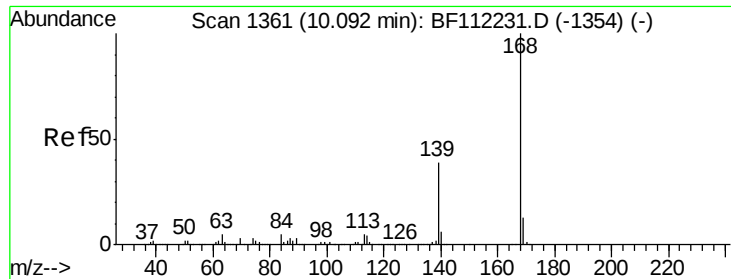
#54
 2,4-Dinitrophenol
 Concen: 84.095 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion:184 Resp: 152002
 Ion Ratio Lower Upper
 184 100
 63 51.9 47.1 70.7
 154 61.7 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

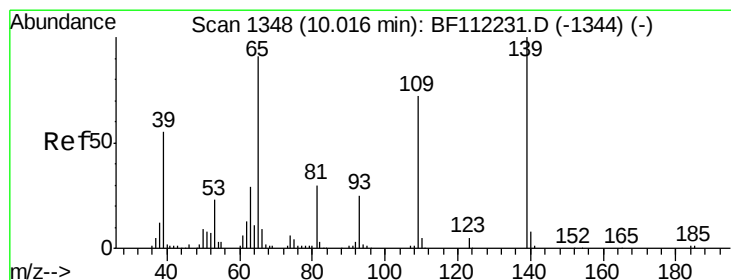
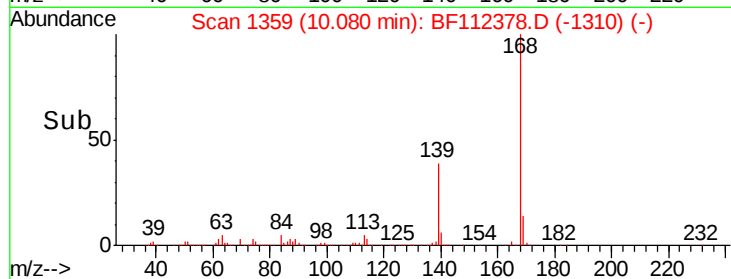
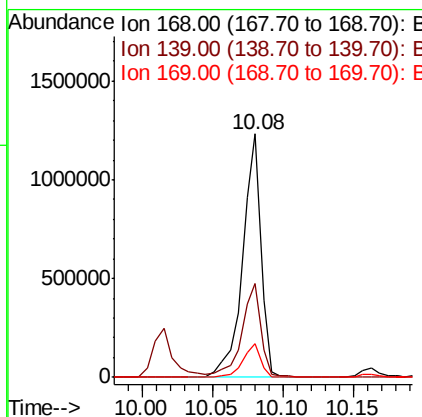
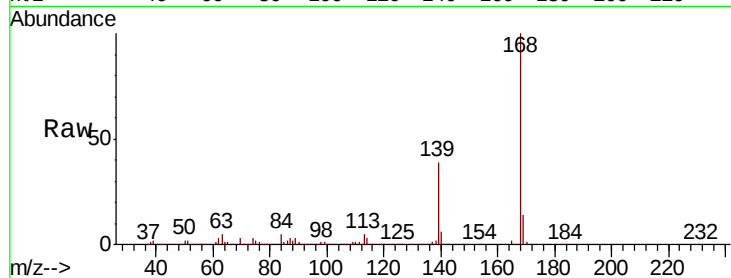




#55
Dibenzenofuran
Concen: 37.889 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

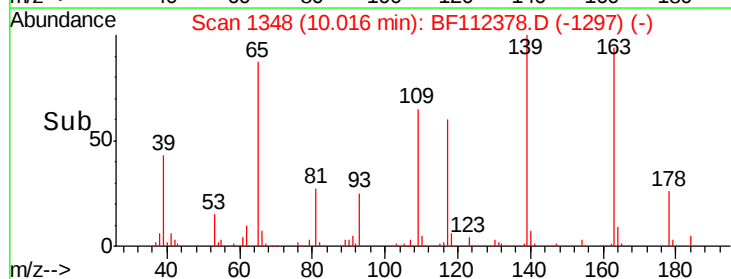
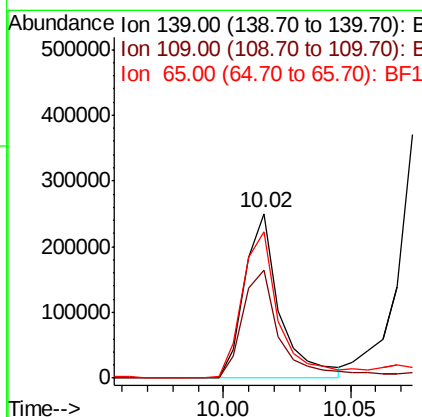
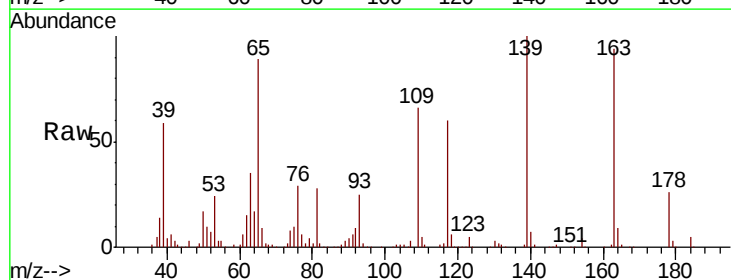
Instrument :
BNA_F
ClientSampleId :
PB116785BS

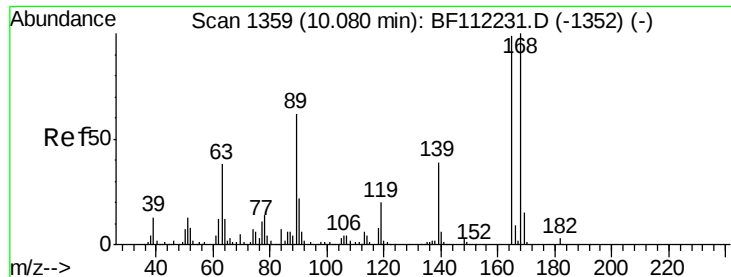
Tot Ion:168 Resp: 1112443
Ion Ratio Lower Upper
168 100
139 38.6 29.2 43.8
169 13.7 11.4 17.0



#56
4-Nitrophenol
Concen: 75.154 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:139 Resp: 242442
Ion Ratio Lower Upper
139 100
109 65.7 42.8 82.8
65 88.5 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 39.177 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

Tot Ion:165 Resp: 280904

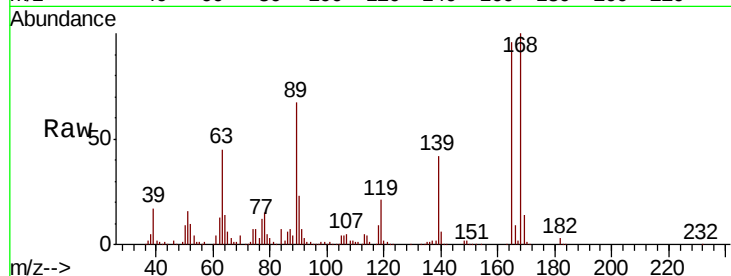
Ion Ratio Lower Upper

165 100

63 46.3 27.9 41.9#

89 69.1 47.9 71.9

182 2.9 2.2 3.4

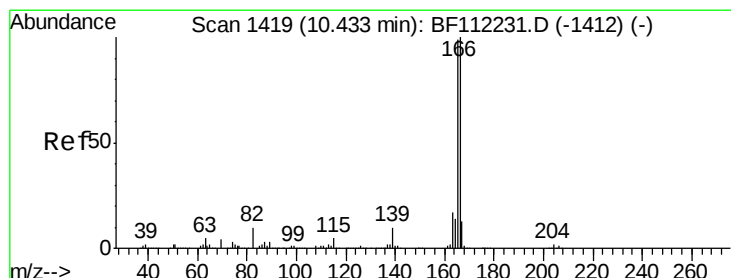
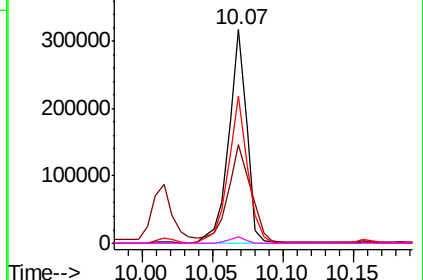
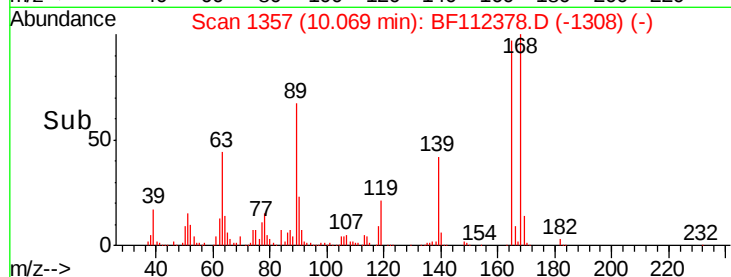


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.854 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

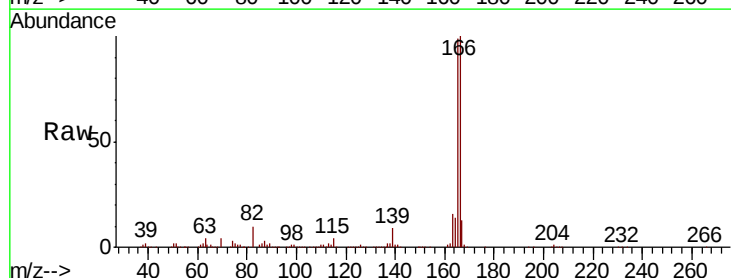
Tgt Ion:166 Resp: 897608

Ion Ratio Lower Upper

166 100

165 98.5 77.1 115.7

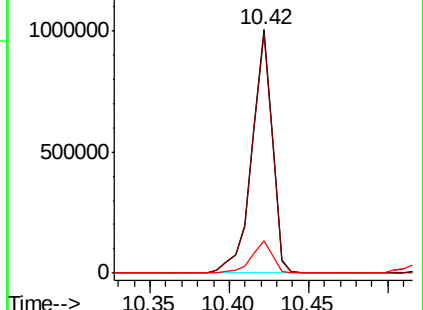
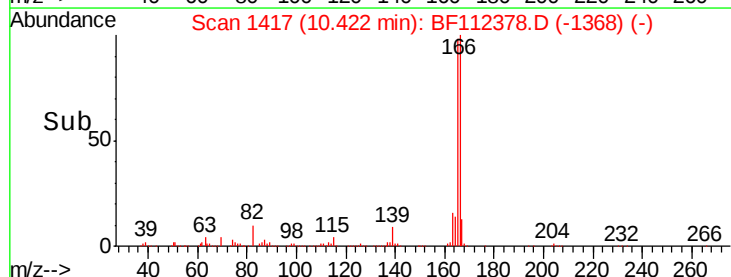
167 13.4 11.3 16.9

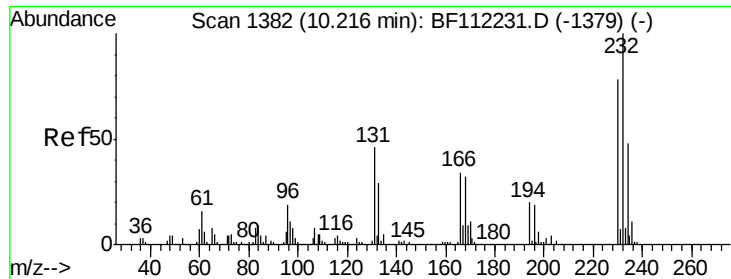


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

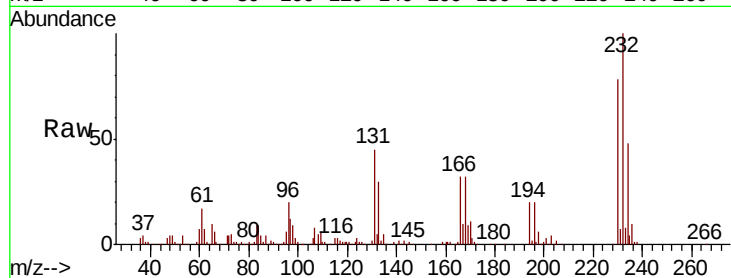




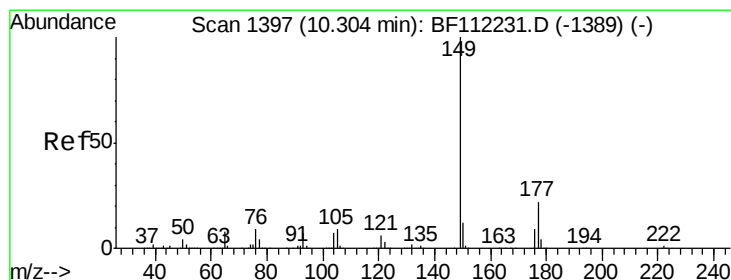
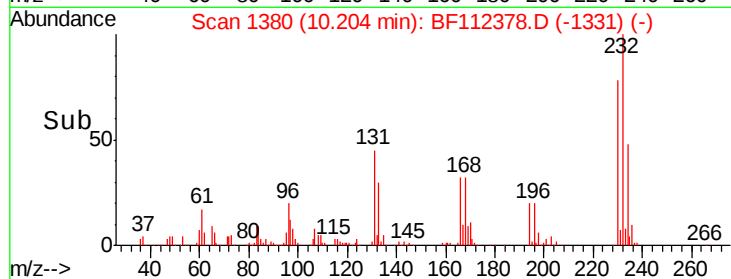
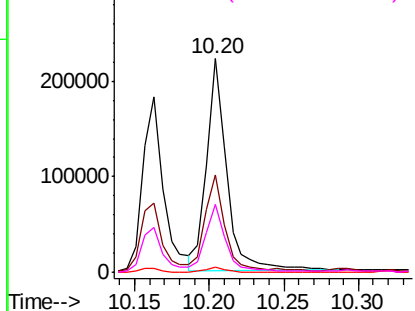
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.085 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.9	33.9	50.9
130	2.5	1.8	2.6
166	31.9	23.6	35.4

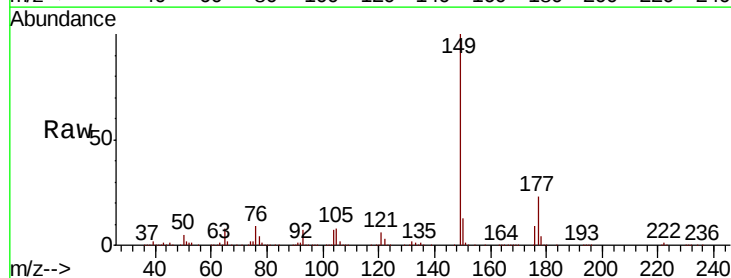


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

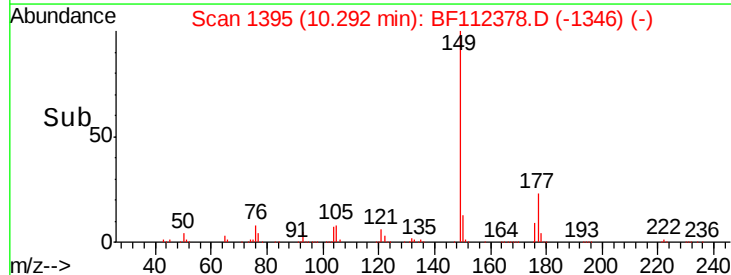
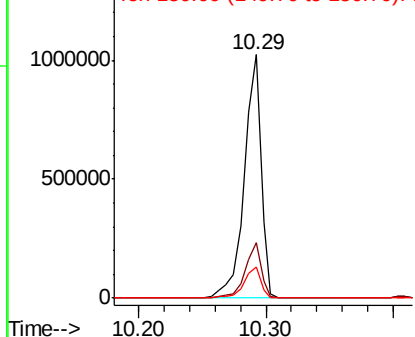


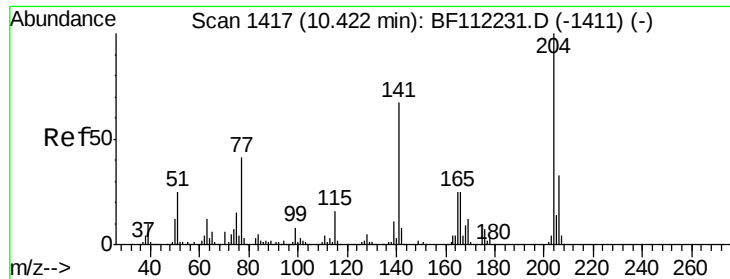
#60
Diethylphthalate
Concen: 37.509 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.2
150	12.9	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

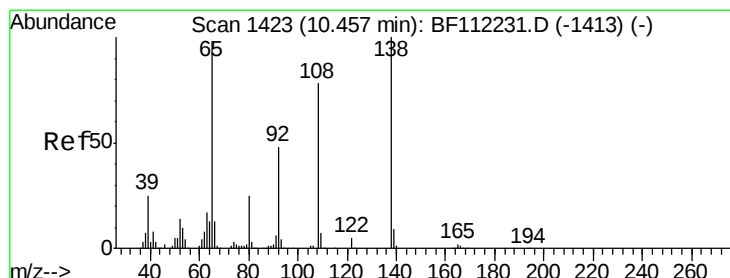
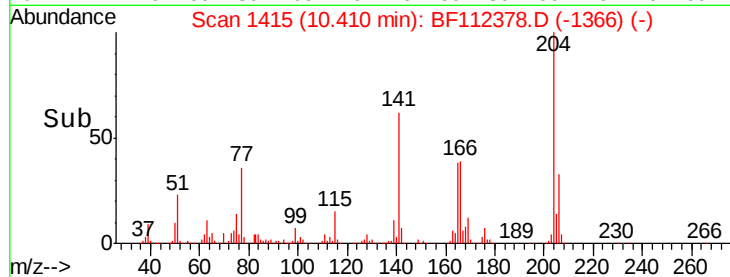
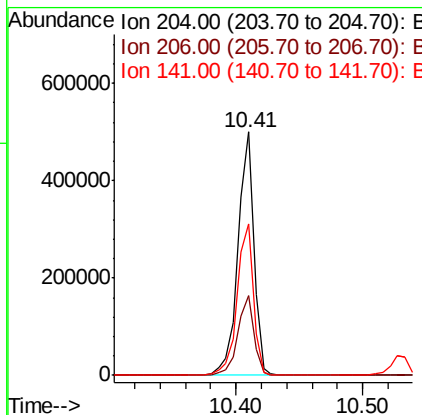
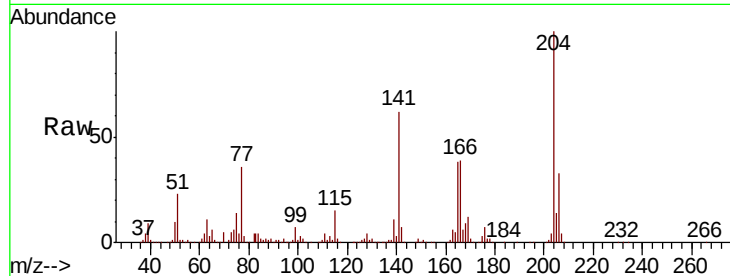




#61
 4-Chlorophenyl-phenylether
 Concen: 35.974 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

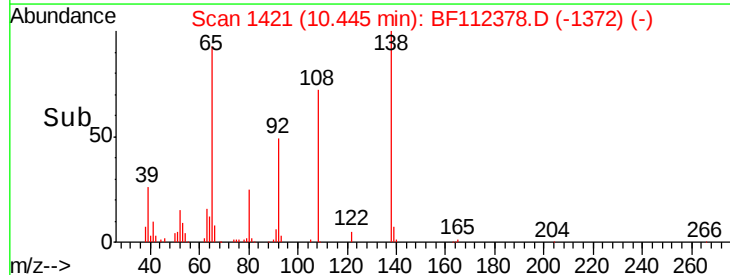
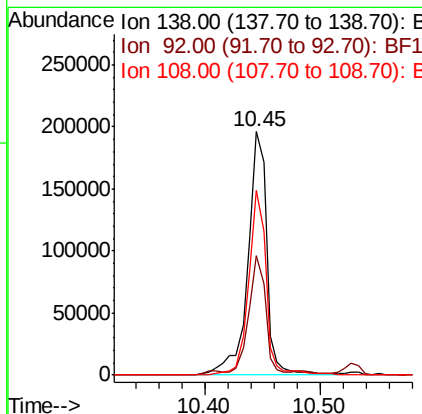
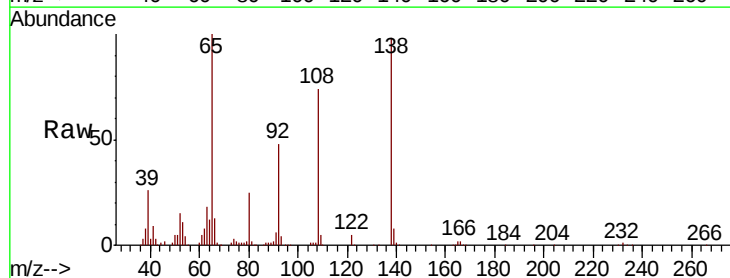
Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

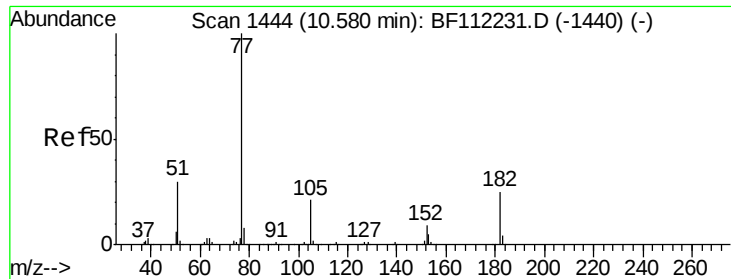
Tot Ion:	204	Resp:	429942
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	62.2	45.9	68.9



#62
 4-Nitroaniline
 Concen: 37.483 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion:	138	Resp:	224332
Ion	Ratio	Lower	Upper
138	100		
92	49.2	30.6	70.6
108	75.6	50.0	90.0

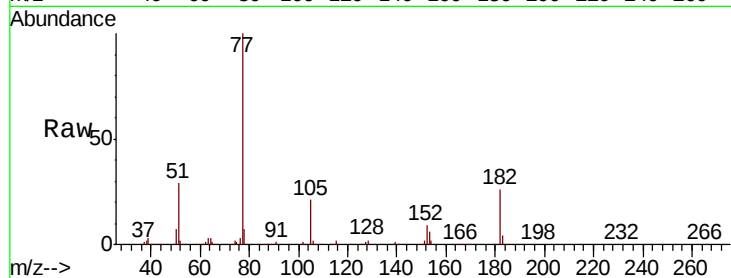




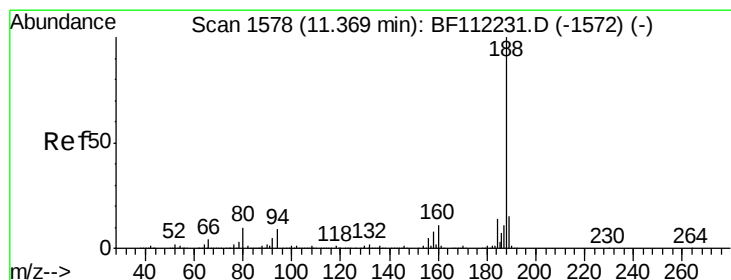
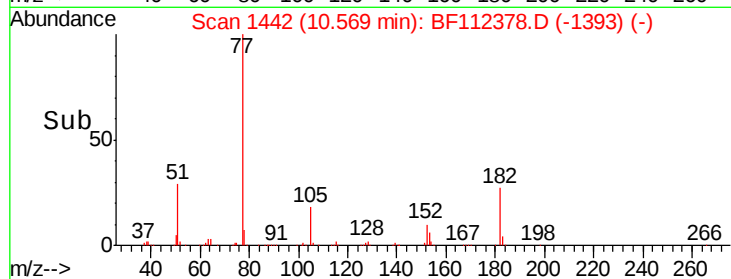
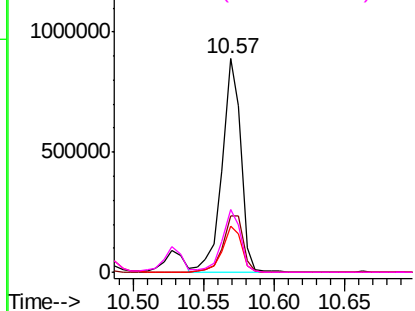
#63
Azobenzene
Concen: 37.288 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion:	77	Resp:	818417
Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.7	45.7
105	21.3	1.4	41.4
51	29.4	9.5	49.5

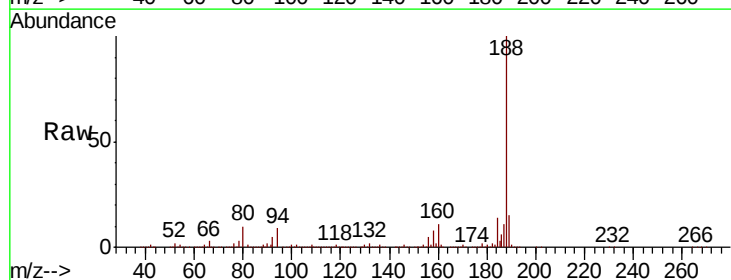


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

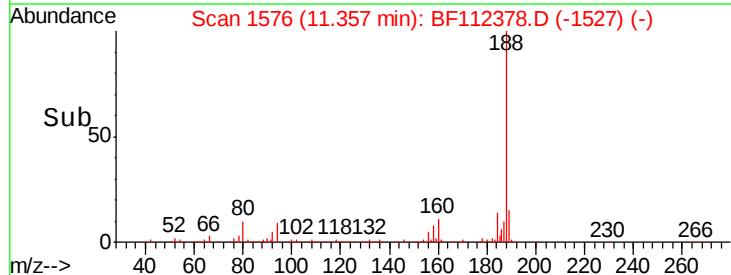
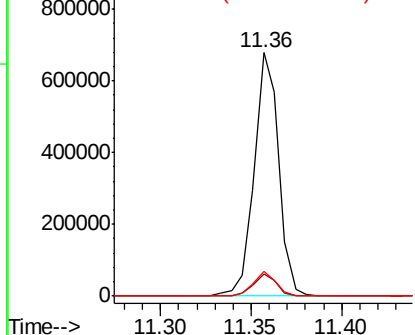


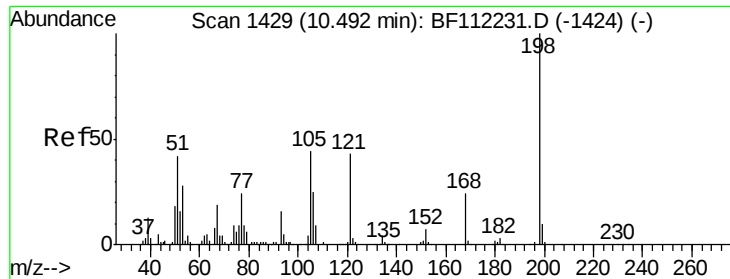
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:	188	Resp:	637471
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.9	8.9	13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

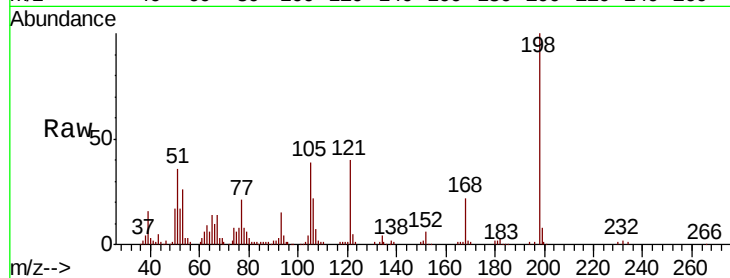




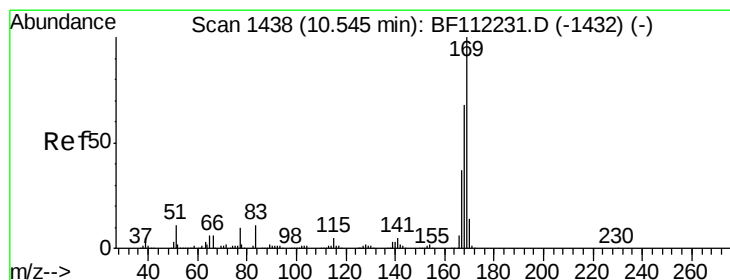
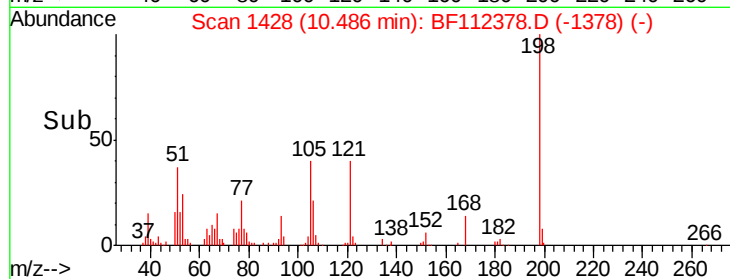
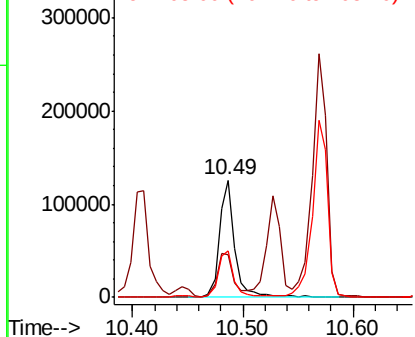
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.099 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Tot Ion:198 Resp: 121873
 Ion Ratio Lower Upper
 198 100
 51 36.4 17.2 57.2
 105 39.1 21.9 61.9

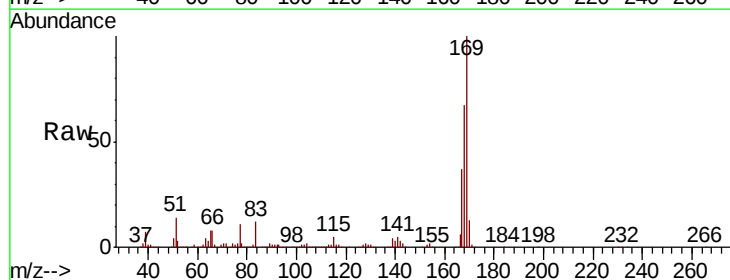


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

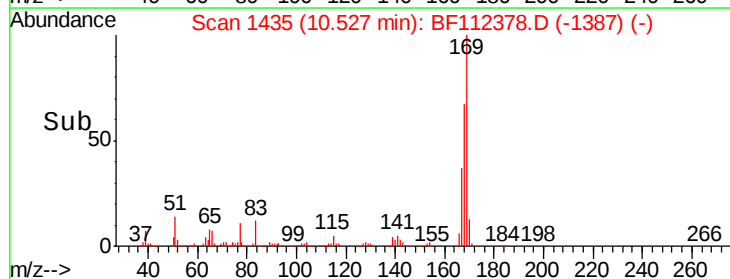
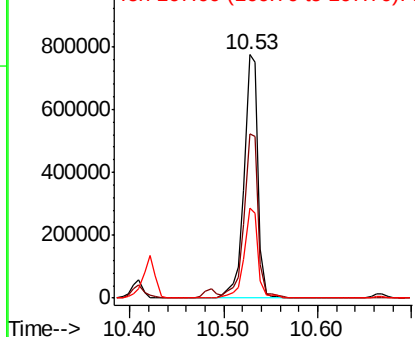


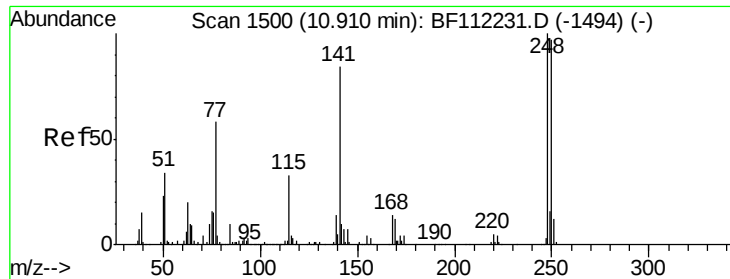
#66
 n-Nitrosodiphenylamine
 Concen: 36.974 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion:169 Resp: 794371
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.9 80.9
 167 36.8 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

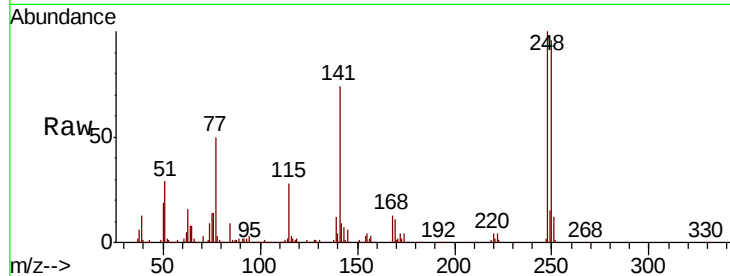




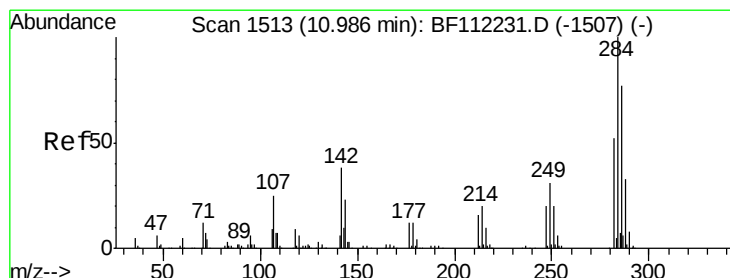
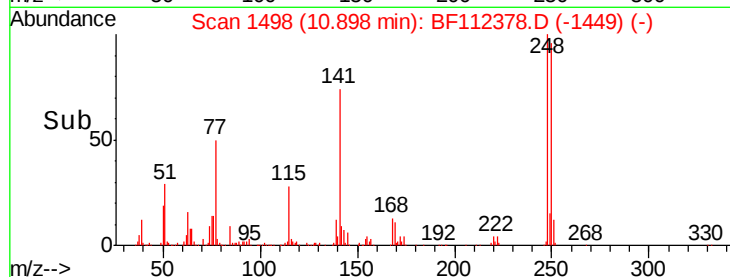
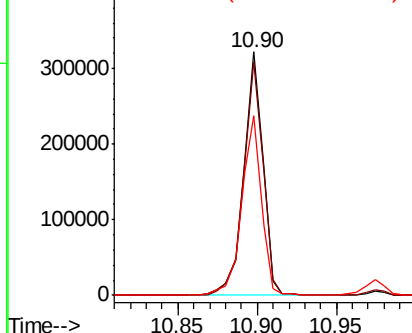
#67
 4-Bromophenyl-phenylether
 Concen: 36.065 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.7	119.5
141	73.7	60.3	90.5

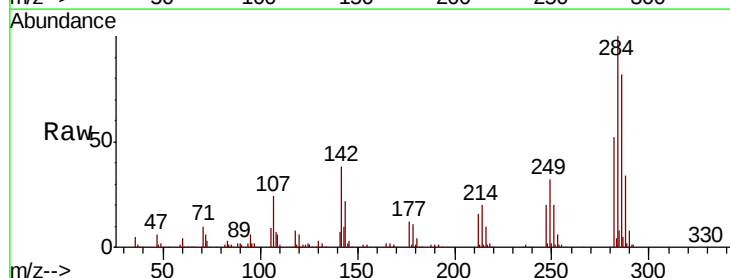


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

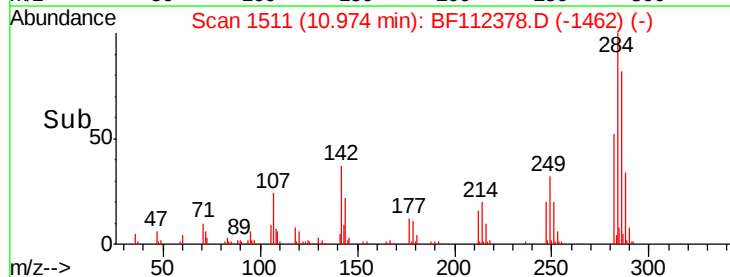
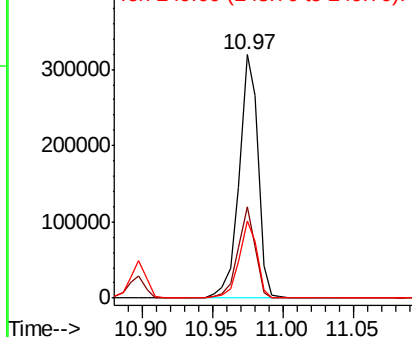


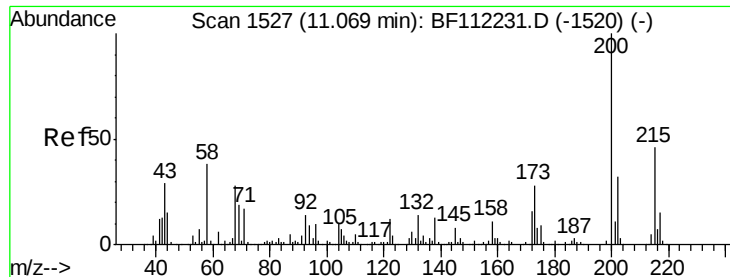
#68
 Hexachlorobenzene
 Concen: 36.860 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	27.6	41.4
249	31.9	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: 37.782 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

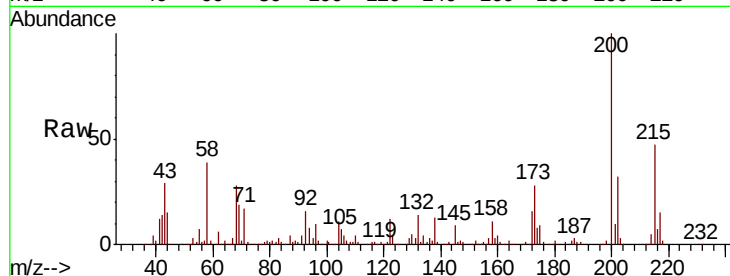
Tot Ion:200 Resp: 261921

Ion Ratio Lower Upper

200 100

173 28.0 7.1 47.1

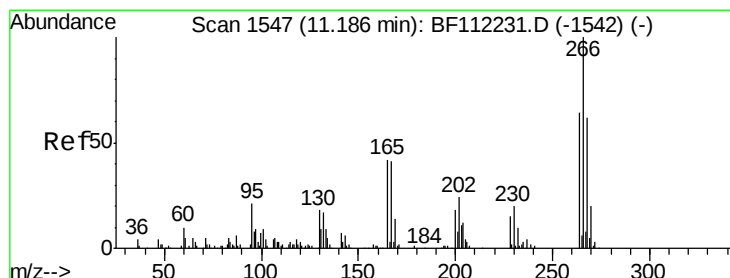
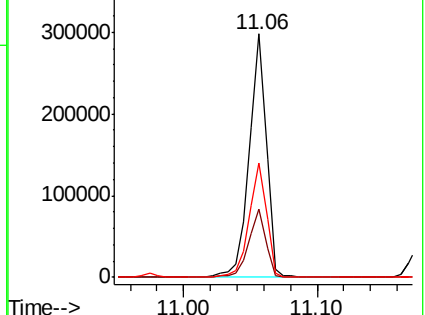
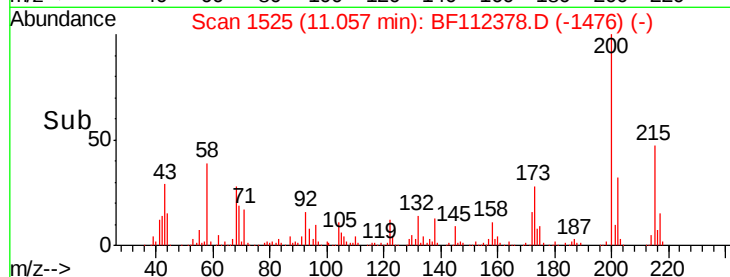
215 46.9 30.4 70.4



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: 69.843 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

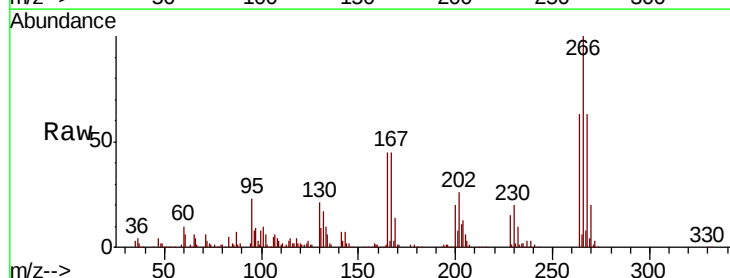
Tgt Ion:266 Resp: 218606

Ion Ratio Lower Upper

266 100

268 62.5 51.2 76.8

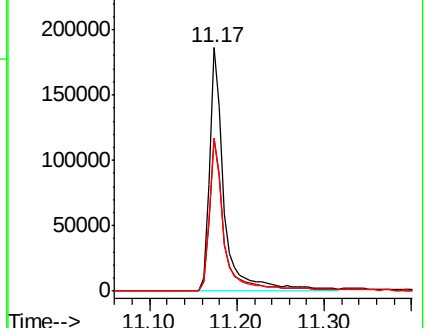
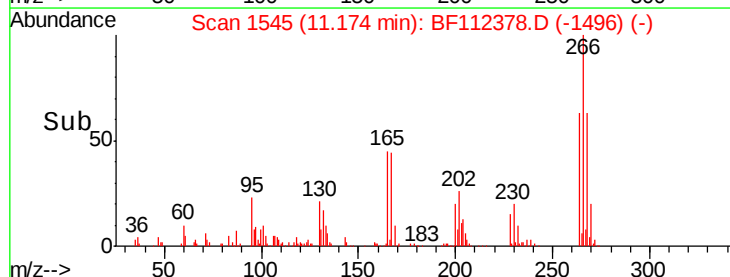
264 62.6 50.9 76.3

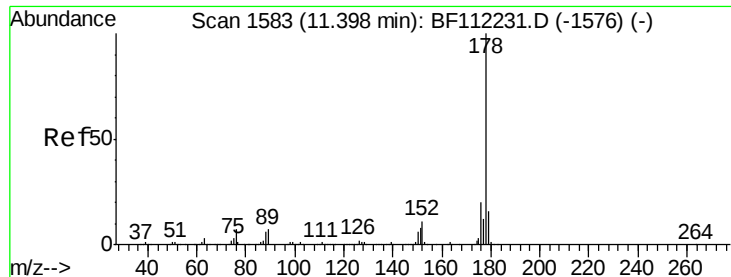


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

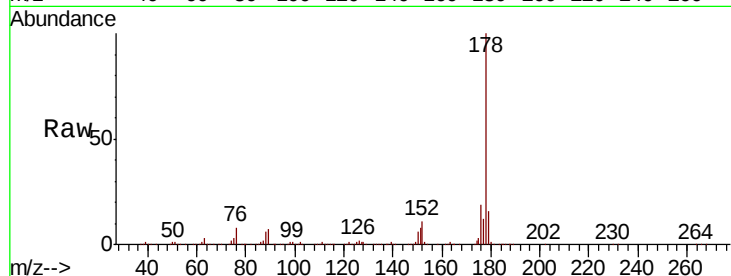




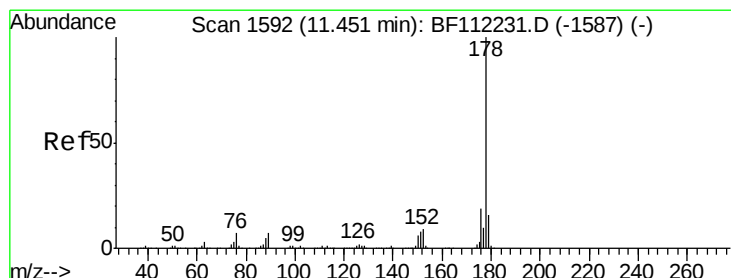
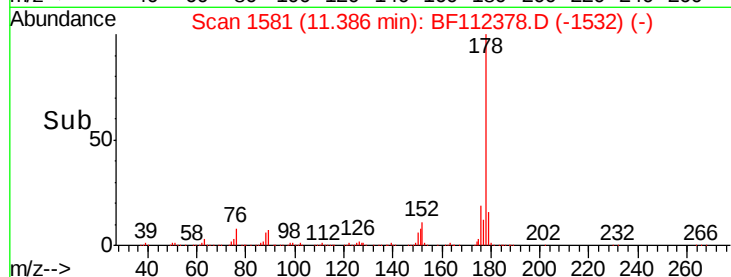
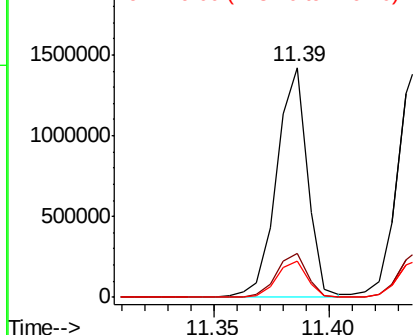
#71
Phenanthrene
Concen: 39.628 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion:178 Resp: 1313334
Ion Ratio Lower Upper
178 100
176 19.2 16.3 24.5
179 15.6 13.0 19.4

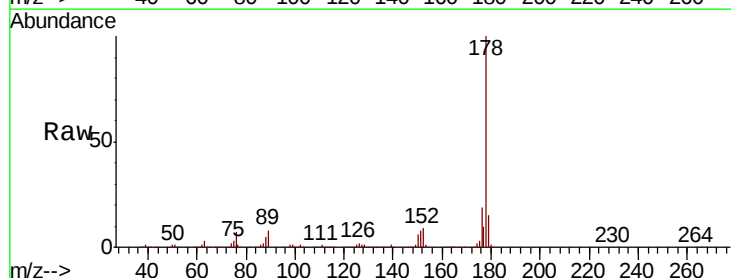


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

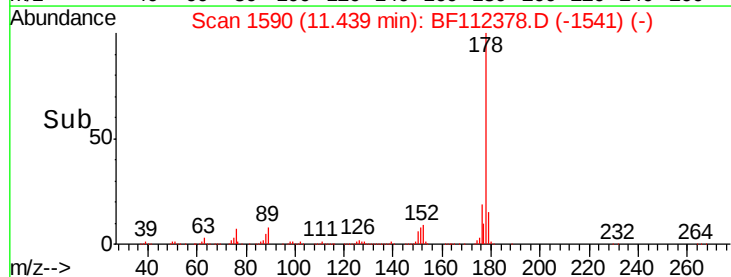
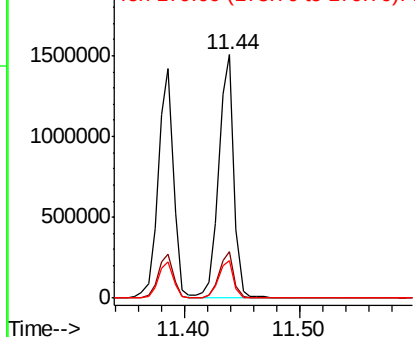


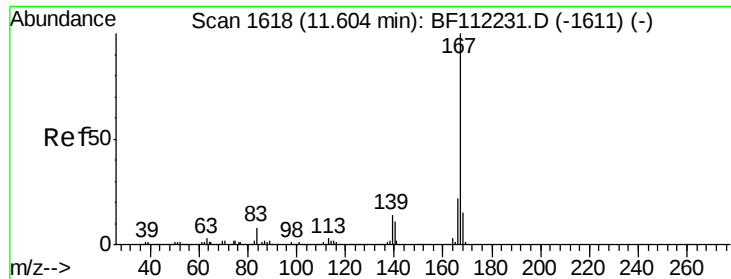
#72
Anthracene
Concen: 41.610 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:178 Resp: 1373667
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.5 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

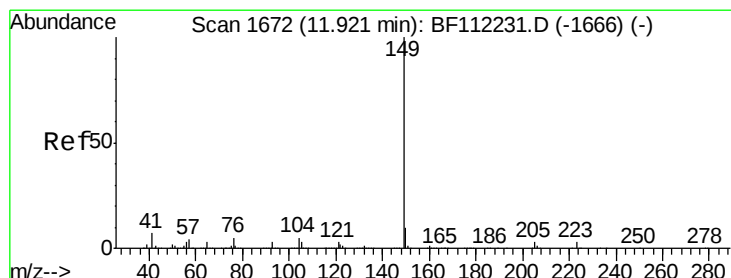
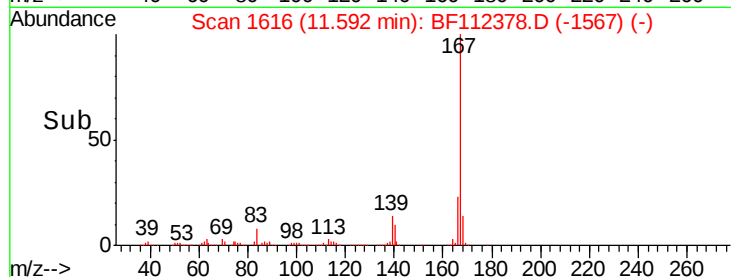
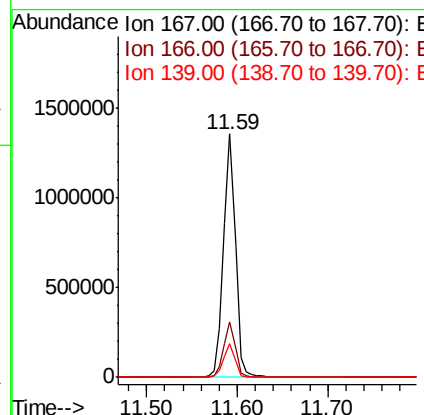
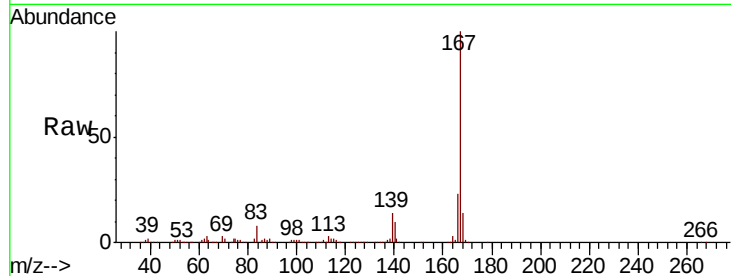




#73
 Carbazole
 Concen: 37.783 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

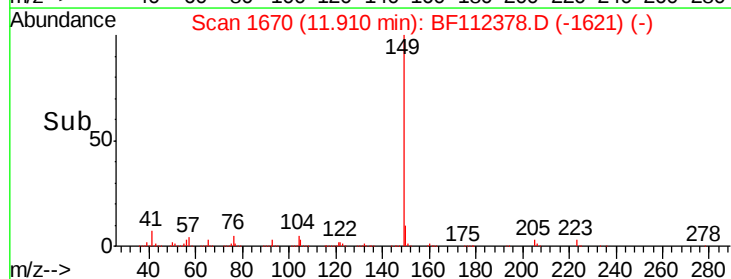
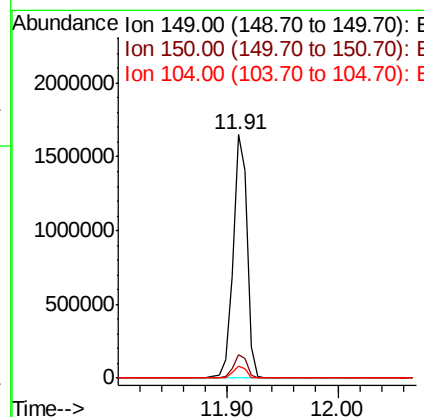
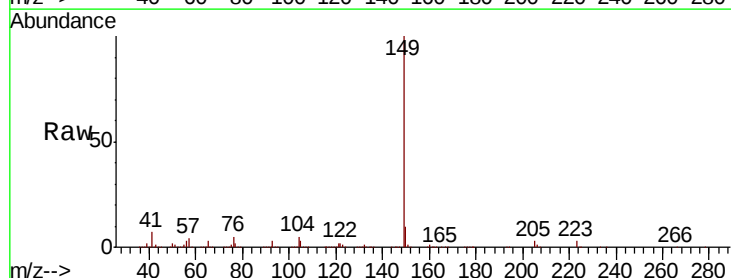
Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

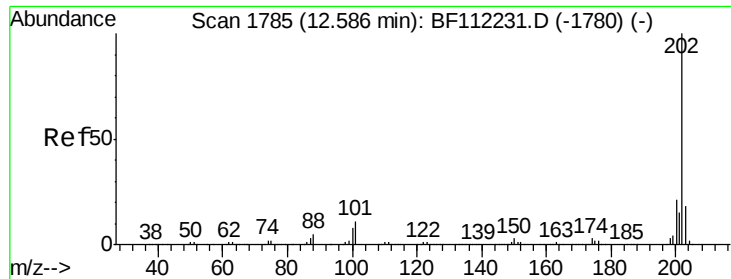
Tot Ion:167 Resp: 1230385
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.9 26.9
 139 13.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 36.144 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion:149 Resp: 1460953
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.1 12.1
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 39.643 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

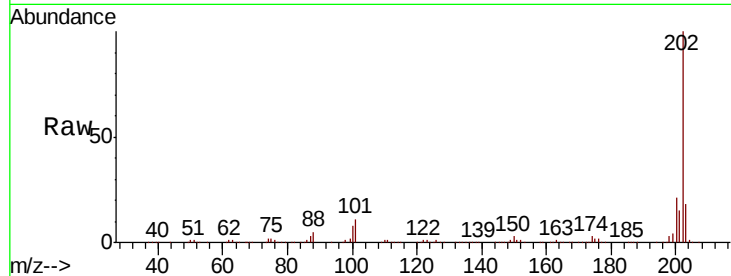
Tot Ion:202 Resp: 1409137

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.8

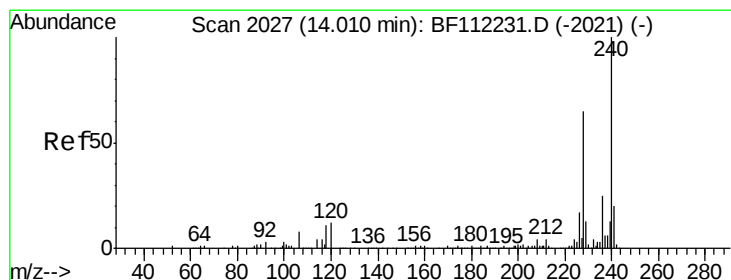
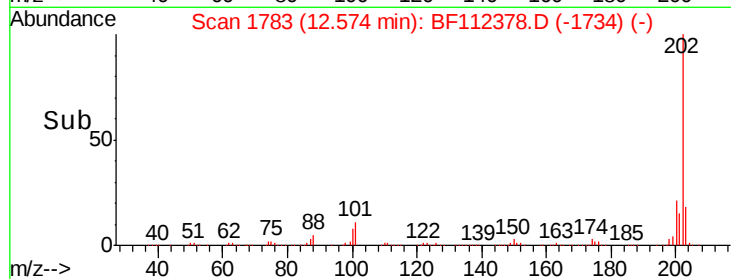
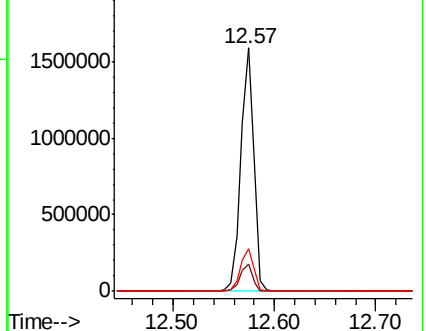
203 17.7 0.0 38.4



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: BF112378.D

Acq: 4 Feb 2019 14:17

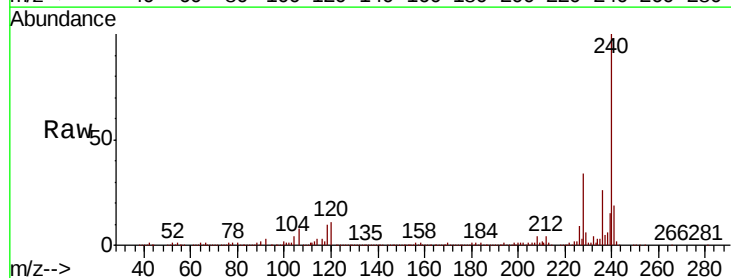
Tgt Ion:240 Resp: 541767

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.6

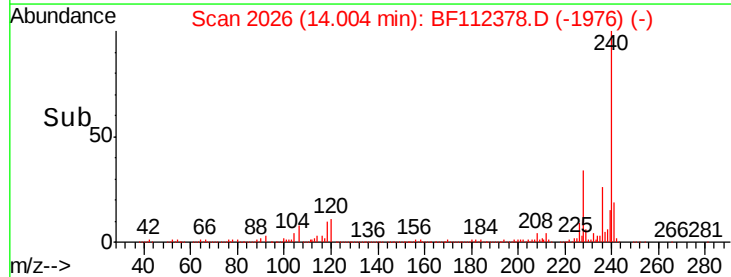
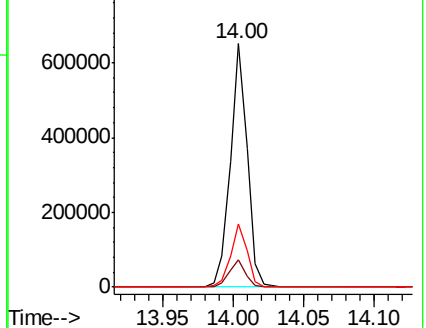
236 25.7 20.7 31.1

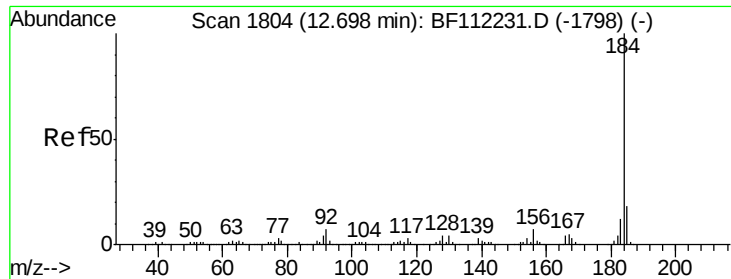


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.786 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

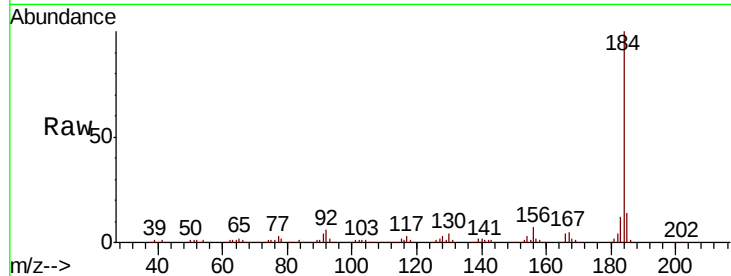
Tot Ion:184 Resp: 533614

Ion Ratio Lower Upper

184 100

185 14.4 13.9 20.9

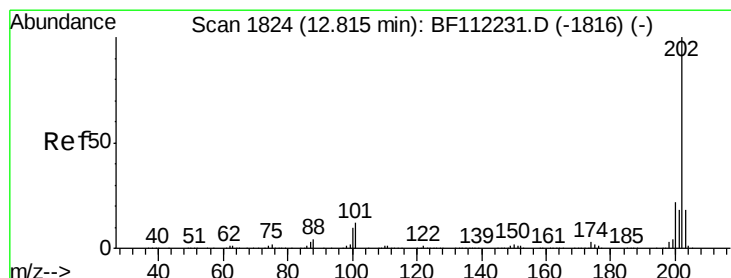
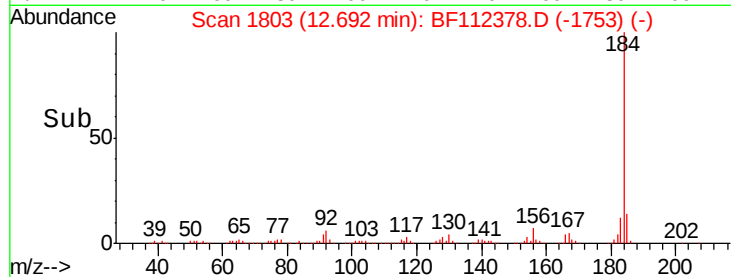
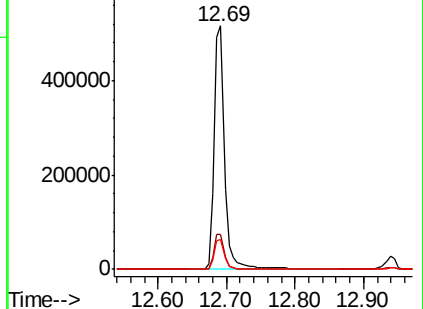
183 12.0 10.0 15.0



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: 38.325 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

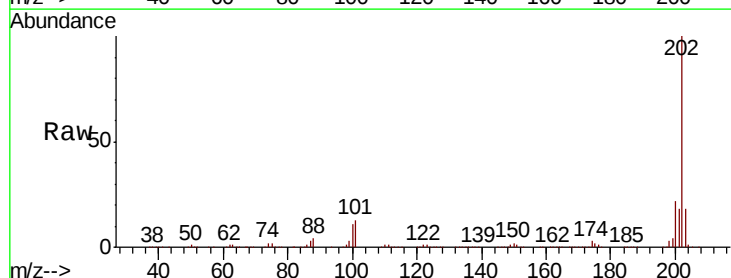
Tgt Ion:202 Resp: 1437512

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

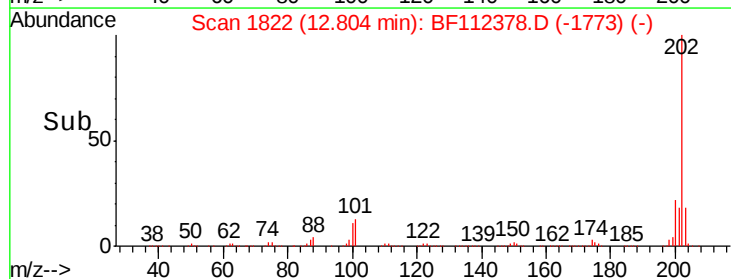
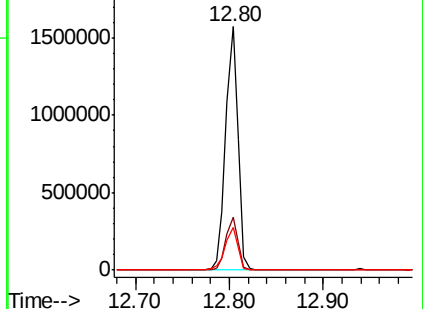
203 17.8 14.6 22.0

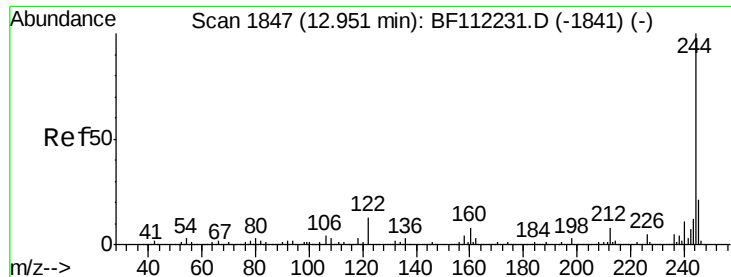


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

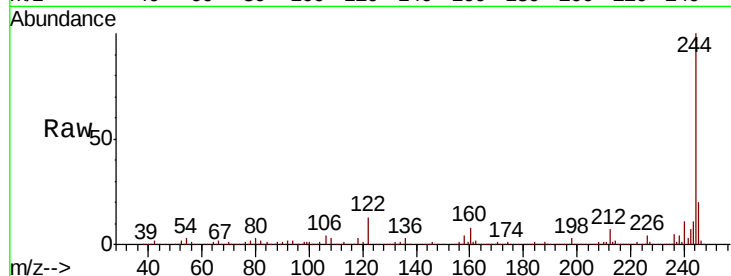




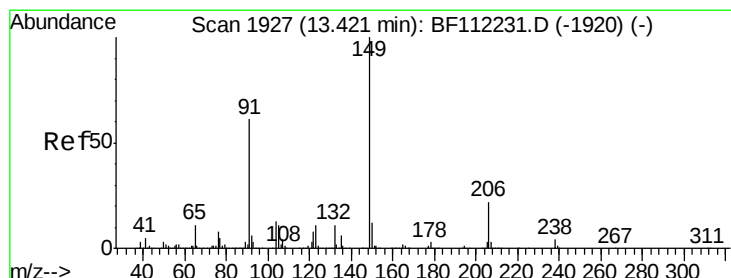
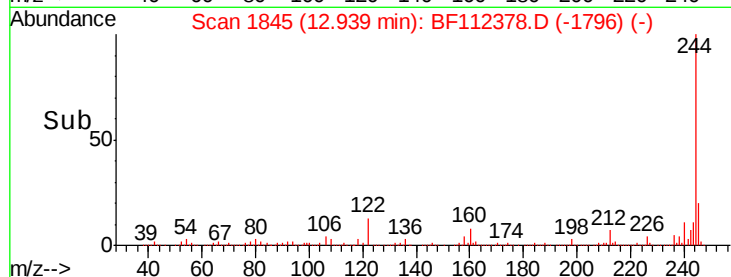
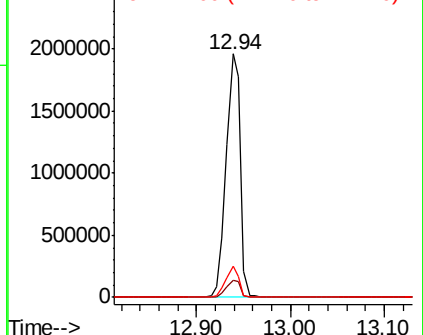
#79
 Terphenyl-d14
 Concen: 71.381 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB116785BS

Tot Ion:244 Resp: 2053257
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.5 9.8 14.6

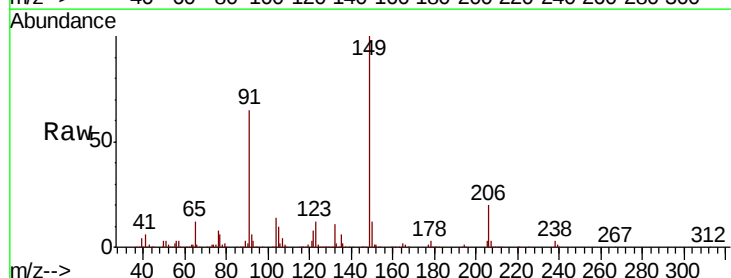


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

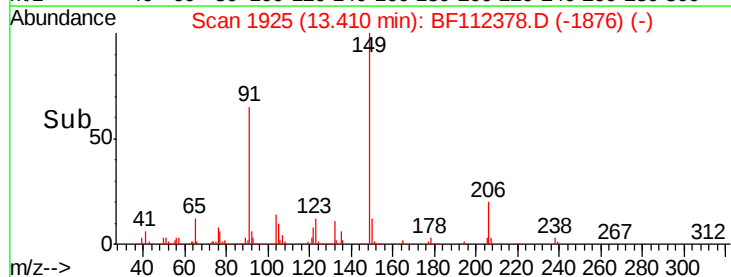
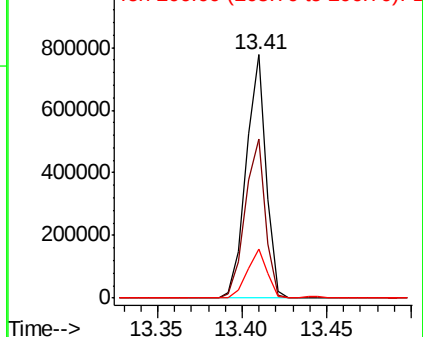


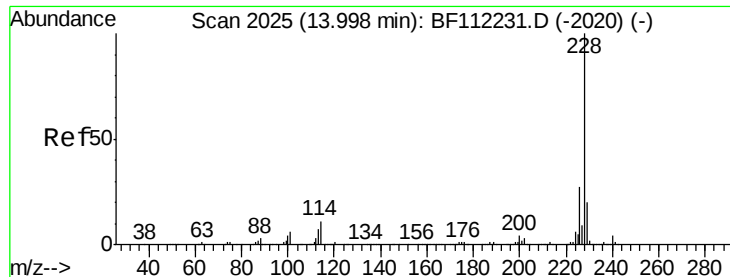
#80
 Butylbenzylphthalate
 Concen: 35.370 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112378.D
 Acq: 4 Feb 2019 14:17

Tgt Ion:149 Resp: 641876
 Ion Ratio Lower Upper
 149 100
 91 65.4 50.3 75.5
 206 20.4 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: 39.916 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

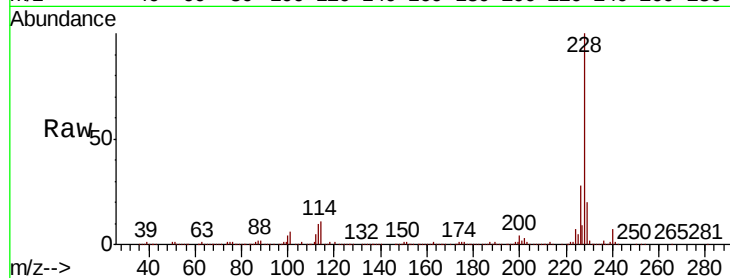
Tot Ion:228 Resp: 1271231

Ion Ratio Lower Upper

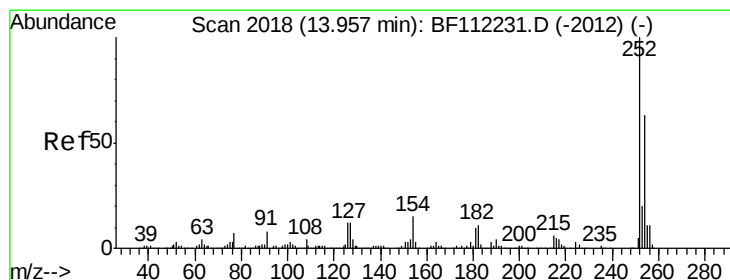
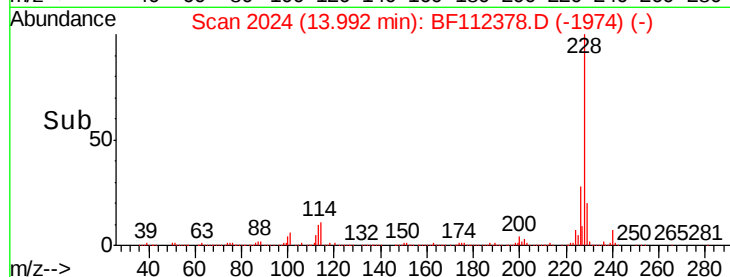
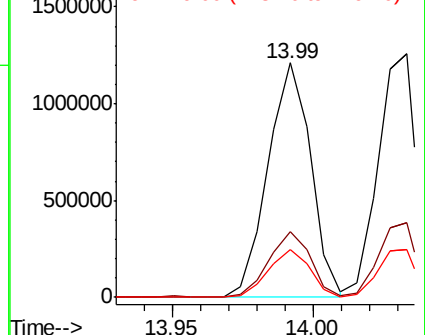
228 100

226 28.1 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: 25.804 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

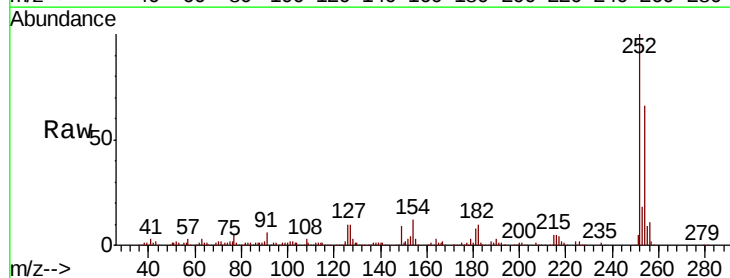
Tgt Ion:252 Resp: 307554

Ion Ratio Lower Upper

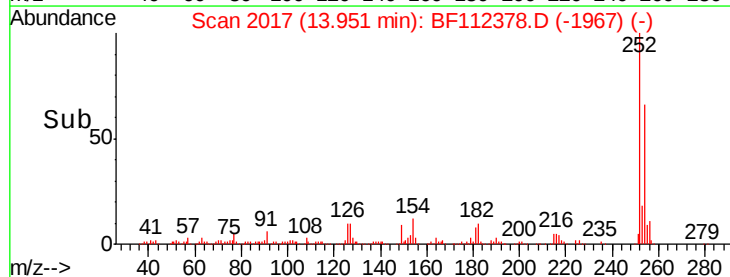
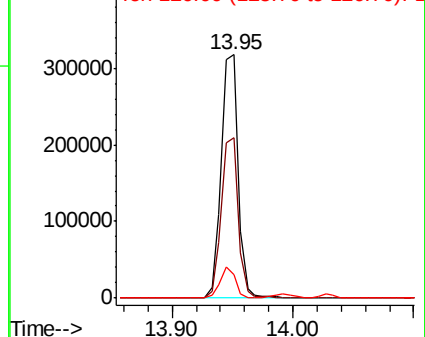
252 100

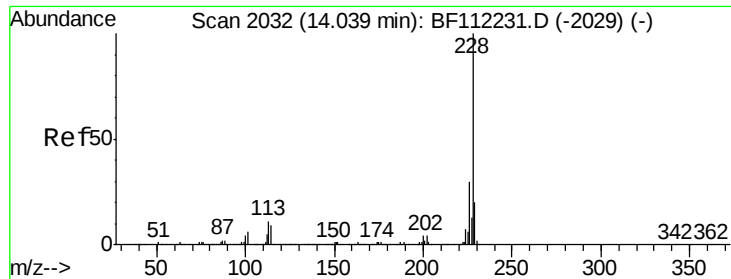
254 66.1 51.6 77.4

126 9.7 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: 39.322 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

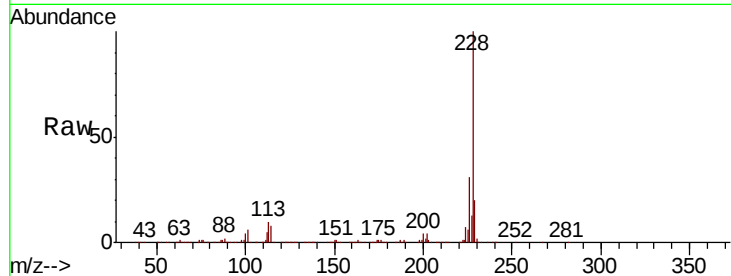
Tot Ion:228 Resp: 1195420

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

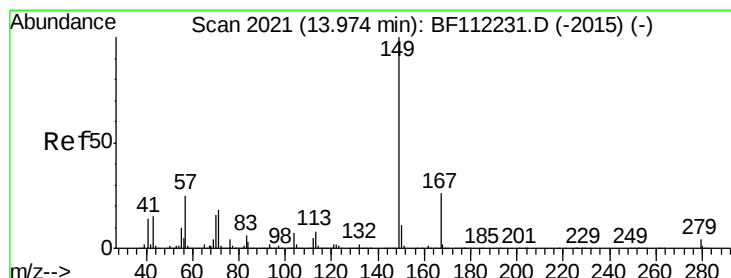
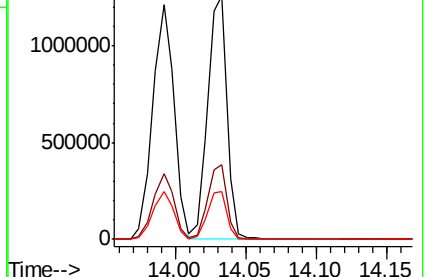
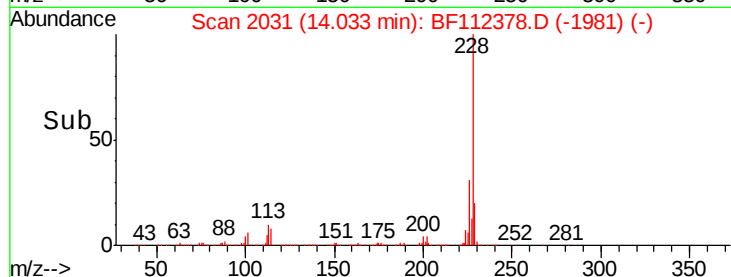
229 19.7 16.6 24.8



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: 34.500 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

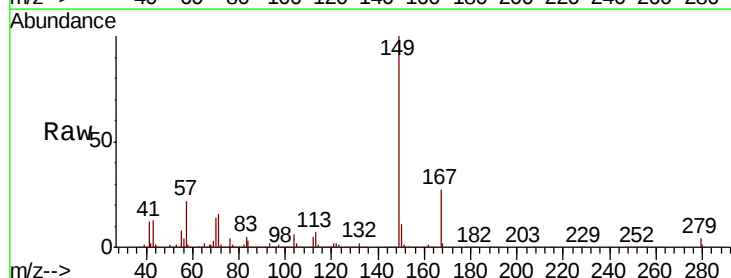
Tgt Ion:149 Resp: 888721

Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

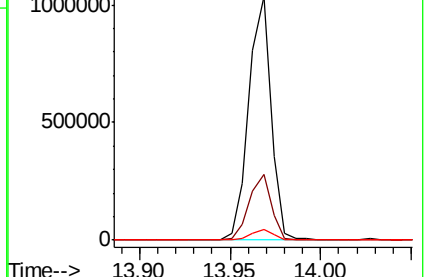
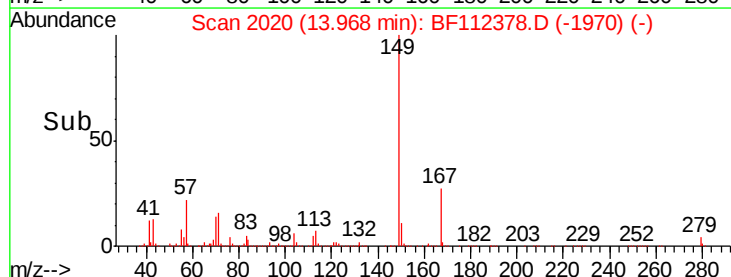
279 4.5 3.8 5.6

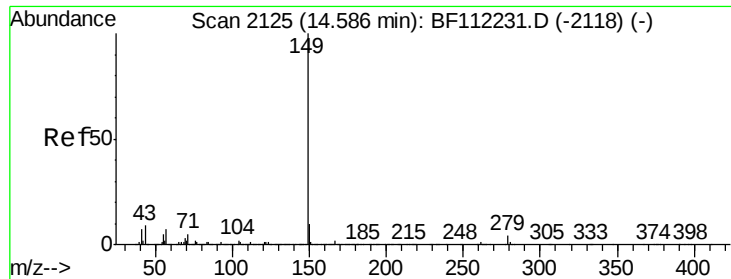


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.367 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

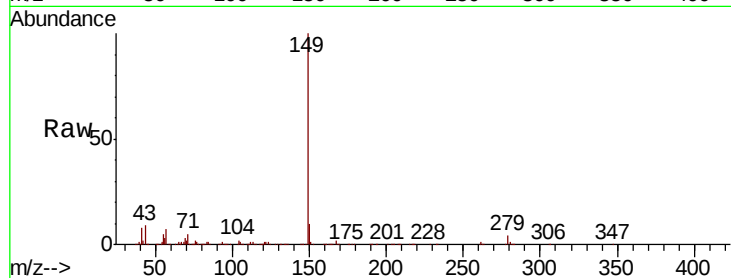
Tot Ion:149 Resp: 1441340

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

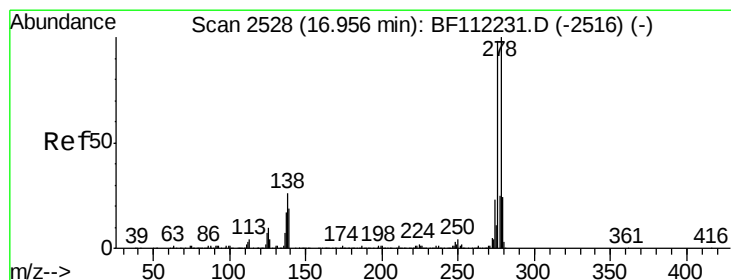
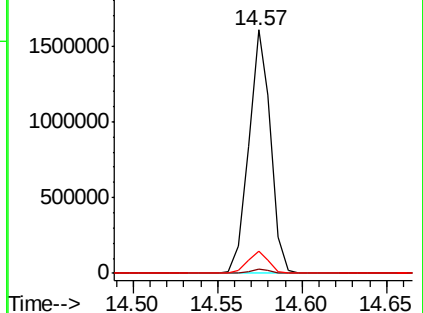
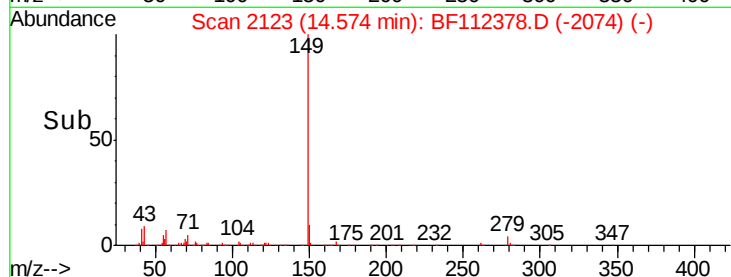
43 8.8 7.8 11.6



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: 43.603 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

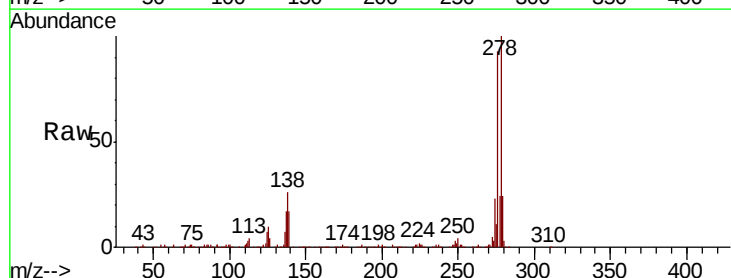
Tgt Ion:276 Resp: 1050349

Ion Ratio Lower Upper

276 100

138 25.9 22.6 34.0

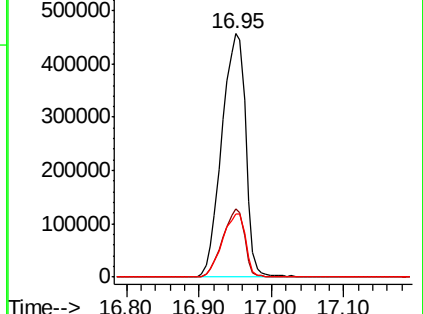
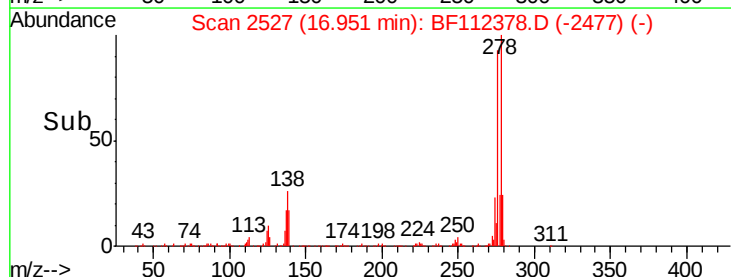
277 25.5 20.3 30.5

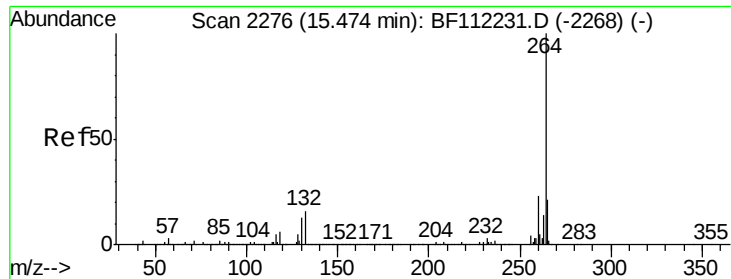


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



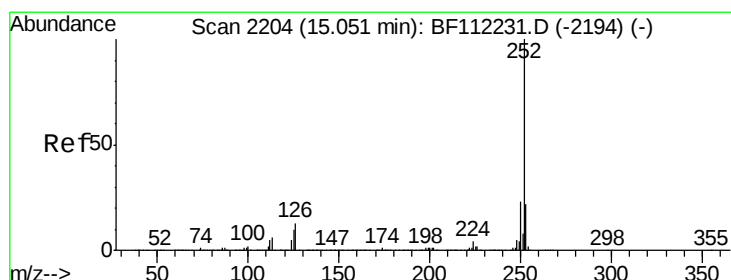
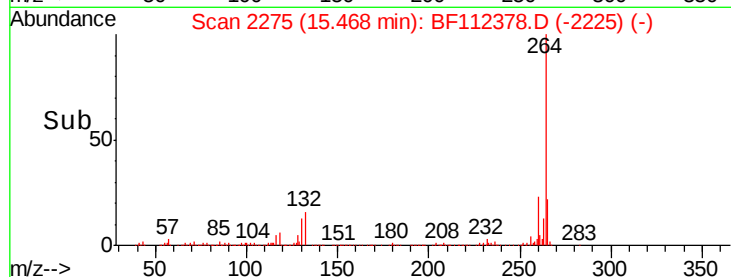
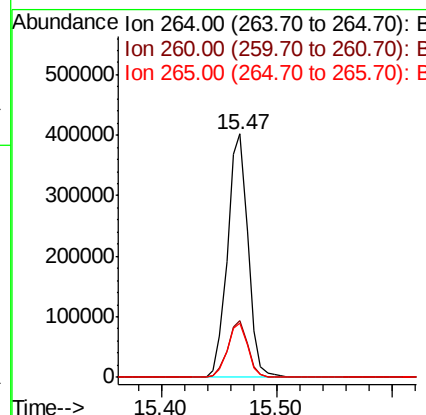
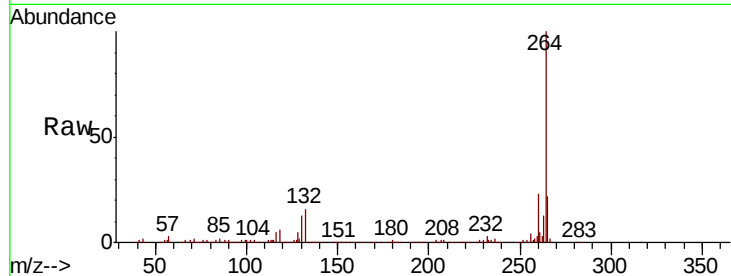


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion:264 Resp: 494548

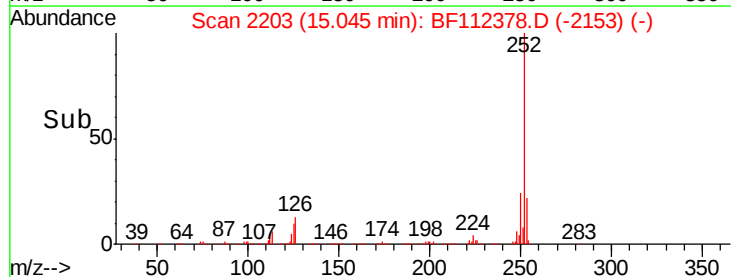
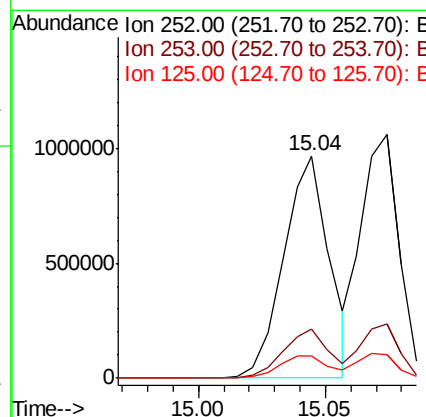
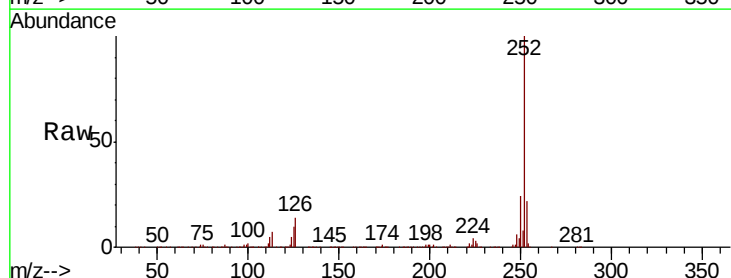
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.4	17.0	25.4

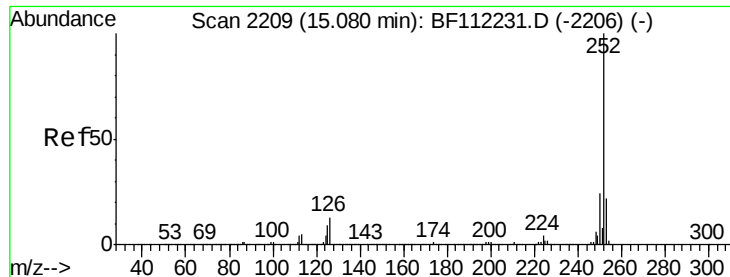


#88
Benzo(b)fluoranthene
Concen: 40.549 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:252 Resp: 1199287

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.1	8.7	13.1

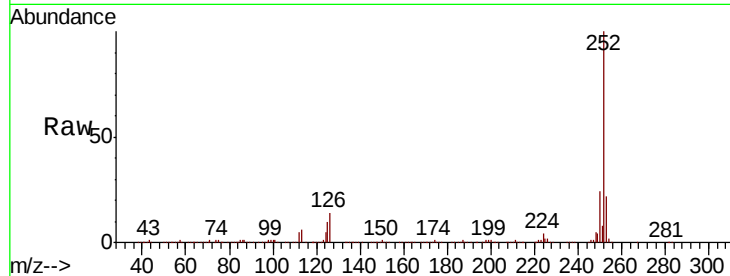




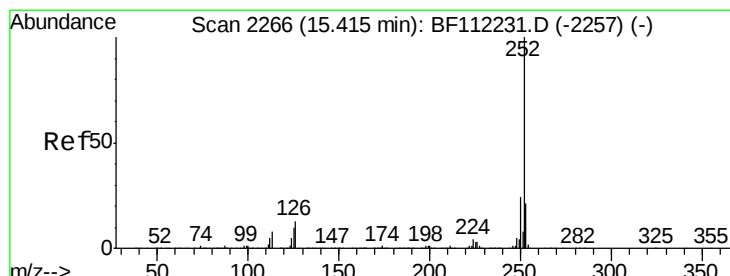
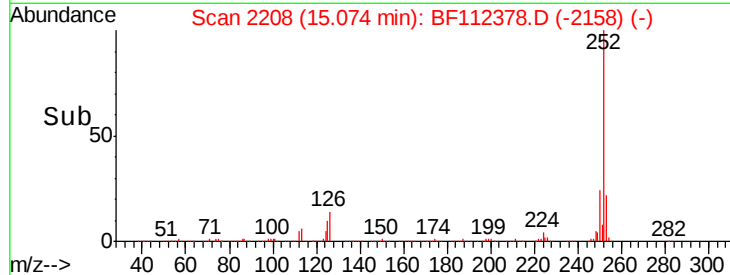
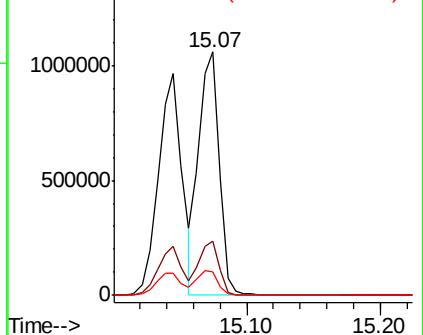
#89
Benzo(k)fluoranthene
Concen: 39.447 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Instrument :
BNA_F
ClientSampleId :
PB116785BS

Tot Ion:252 Resp: 1117522
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.9 9.1 13.7

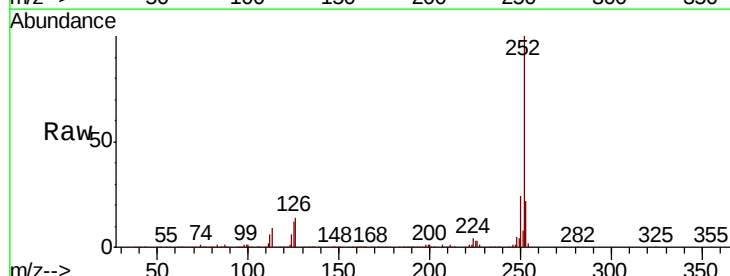


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

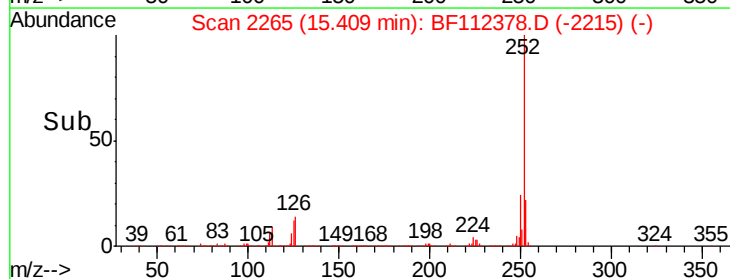
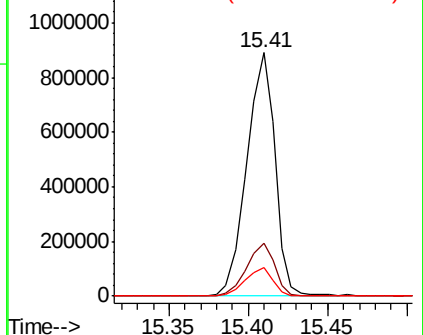


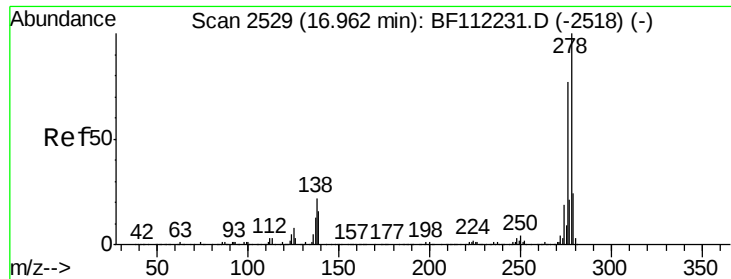
#90
Benzo(a)pyrene
Concen: 41.442 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112378.D
Acq: 4 Feb 2019 14:17

Tgt Ion:252 Resp: 1102887
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 11.7 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.864 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

Instrument :

BNA_F

ClientSampleId :

PB116785BS

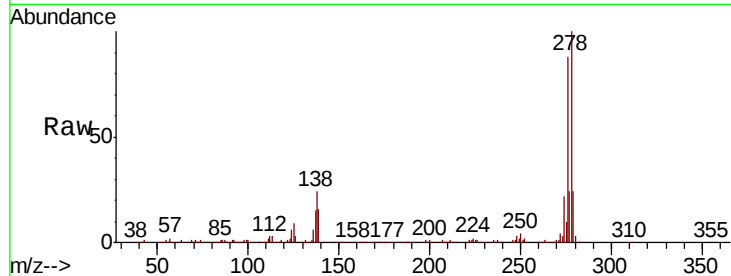
Tot Ion:278 Resp: 876463

Ion Ratio Lower Upper

278 100

139 16.3 13.7 20.5

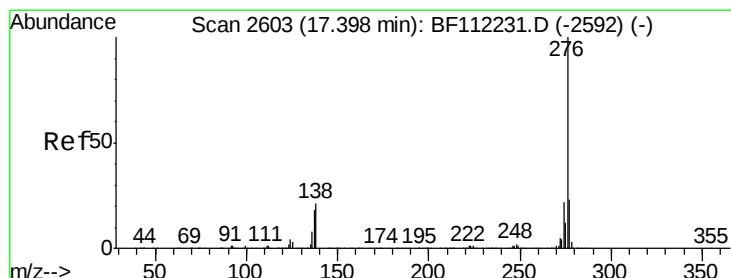
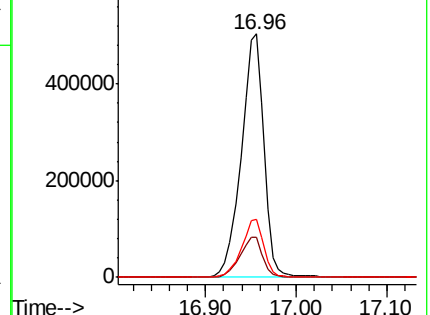
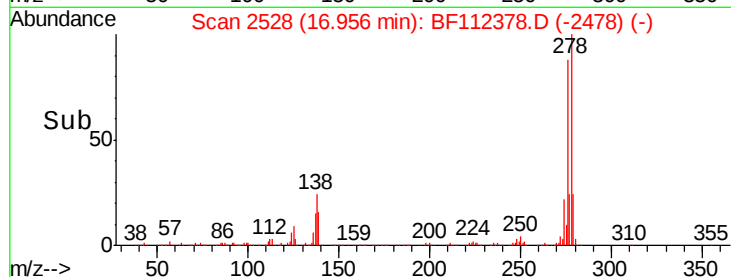
279 23.6 19.0 28.6



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: 41.424 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BF112378.D

Acq: 4 Feb 2019 14:17

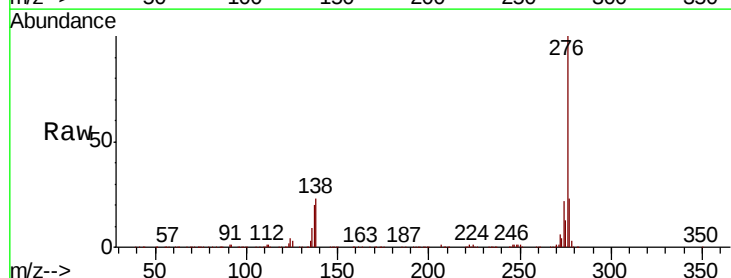
Tgt Ion:276 Resp: 838236

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 23.0 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

