

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113613.D
 Acq On : 5 Apr 2019 10:17
 Operator : JU/SJ
 Sample : PB118551BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

Quant Time: Apr 05 13:54:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	144697	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	552105	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	270794	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	553674	20.00	ng	0.00
76) Chrysene-d12	13.83	240	393661	20.00	ng	-0.01
87) Perylene-d12	15.23	264	314162	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1015093	119.63	ng	0.02
7) Phenol-d6	6.35	99	1249140	119.44	ng	0.00
23) Nitrobenzene-d5	7.26	82	820980	87.10	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	413342	127.07	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1528176	90.85	ng	0.00
79) Terphenyl-d14	12.78	244	1694174	87.62	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	145111	36.107	ng	98
3) Pyridine	3.16	79	351828	33.451	ng	97
4) n-Nitrosodimethylamine	3.09	42	172450	38.590	ng	92
6) Aniline	6.35	93	387225	30.546	ng	# 91
8) 2-Chlorophenol	6.48	128	382881	39.000	ng	96
9) Benzaldehyde	6.23	77	227009	36.505	ng	99
10) Phenol	6.36	94	458015	38.345	ng	85
11) bis(2-Chloroethyl)ether	6.43	93	364979	39.281	ng	99
12) 1,3-Dichlorobenzene	6.63	146	414924	39.245	ng	98
13) 1,4-Dichlorobenzene	6.70	146	418432	39.164	ng	99
14) 1,2-Dichlorobenzene	6.86	146	384140	39.833	ng	99
15) Benzyl Alcohol	6.84	79	296104	41.873	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	556696	38.492	ng	80
17) 2-Methylphenol	6.96	107	308687	40.572	ng	# 93
18) Hexachloroethane	7.19	117	152187	39.134	ng	99
19) n-Nitroso-di-n-propylamine	7.11	70	260064	40.326	ng	99
20) 3+4-Methylphenols	7.12	107	393166	42.649	ng	94
22) Acetophenone	7.10	105	524055	43.217	ng	97
24) Nitrobenzene	7.27	77	398079	41.010	ng	98
25) Isophorone	7.52	82	737763	40.632	ng	99
26) 2-Nitrophenol	7.59	139	217017	41.541	ng	92
27) 2,4-Dimethylphenol	7.64	122	349263	46.764	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	464236	40.441	ng	99
29) 2,4-Dichlorophenol	7.84	162	335300	41.960	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	364542	42.009	ng	98
31) Naphthalene	7.99	128	1123567	42.001	ng	99
32) Benzoic acid	7.80	122	208763	36.098	ng	96
33) 4-Chloroaniline	8.05	127	283621	26.739	ng	98
34) Hexachlorobutadiene	8.11	225	212566	40.178	ng	99
35) Caprolactam	8.43	113	53275	21.002	ng	97
36) 4-Chloro-3-methylphenol	8.55	107	336534	41.953	ng	98
37) 2-Methylnaphthalene	8.69	142	757455	43.052	ng	99
38) 1-Methylnaphthalene	8.78	142	706888	41.667	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	353575	40.373	ng	99

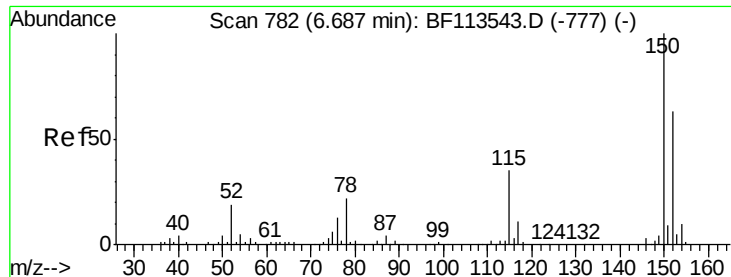
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	265793	85.642	nq	99
43) 2,4,6-Trichlorophenol	8.97	196	234809	42.476	nq	97
44) 2,4,5-Trichlorophenol	9.02	196	248261	41.831	nq	98
46) 1,1'-Biphenyl	9.15	154	916497	41.015	nq	99
47) 2-Chloronaphthalene	9.17	162	700597	41.410	nq	99
48) 2-Nitroaniline	9.27	65	212200	40.989	nq	94
49) Acenaphthylene	9.59	152	1098903	39.943	nq	99
50) Dimethylphthalate	9.45	163	823322	41.246	nq	100
51) 2,6-Dinitrotoluene	9.52	165	181775	41.312	nq	97
52) Acenaphthene	9.76	154	644872	40.948	nq	100
53) 3-Nitroaniline	9.69	138	143125	28.610	nq	99
54) 2,4-Dinitrophenol	9.81	184	176890	85.931	nq	90
55) Dibenzofuran	9.93	168	944603	40.890	nq	100
56) 4-Nitrophenol	9.87	139	224316	72.285	nq	98
57) 2,4-Dinitrotoluene	9.93	165	227212	42.697	nq	# 89
58) Fluorene	10.27	166	753177	41.222	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	214175	41.691	nq	98
60) Diethylphthalate	10.15	149	820372	42.627	nq	98
61) 4-Chlorophenyl-phenylether	10.26	204	378910	42.162	nq	95
62) 4-Nitroaniline	10.30	138	206699	40.633	nq	98
63) Azobenzene	10.42	77	744606	40.862	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	112972	38.757	nq	95
66) n-Nitrosodiphenylamine	10.38	169	691839	40.702	nq	99
67) 4-Bromophenyl-phenylether	10.74	248	247862	39.915	nq	98
68) Hexachlorobenzene	10.82	284	286356	40.246	nq	# 94
69) Atrazine	10.91	200	216751	40.457	nq	95
70) Pentachlorophenol	11.02	266	250516	74.719	nq	98
71) Phenanthrene	11.23	178	1108141	40.278	nq	99
72) Anthracene	11.28	178	1154200	41.233	nq	100
73) Carbazole	11.43	167	1076301	41.111	nq	100
74) Di-n-butylphthalate	11.76	149	1297394	41.658	nq	100
75) Fluoranthene	12.41	202	1206521	40.924	nq	99
77) Benzidine	12.53	184	573658	39.187	nq	98
78) Pyrene	12.64	202	1208643	40.351	nq	100
80) Butylbenzylphthalate	13.25	149	522390	42.844	nq	99
81) Benzo(a)anthracene	13.82	228	903044	39.767	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	263385	30.113	nq	100
83) Chrysene	13.86	228	915333	39.762	nq	99
84) Bis(2-ethylhexyl)phthalate	13.81	149	676368	45.881	nq	99
85) Di-n-octyl phthalate	14.42	149	1033123	43.114	nq	99
86) Indeno(1,2,3-cd)pyrene	16.61	276	845784	39.794	nq	99
88) Benzo(b)fluoranthene	14.84	252	845157	43.949	nq	100
89) Benzo(k)fluoranthene	14.87	252	705514	40.878	nq	98
90) Benzo(a)pyrene	15.18	252	738082	43.192	nq	99
91) Dibenzo(a,h)anthracene	16.61	278	711673	44.535	nq	99
92) Benzo(g,h,i)perylene	17.01	276	722840	44.317	nq	99

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

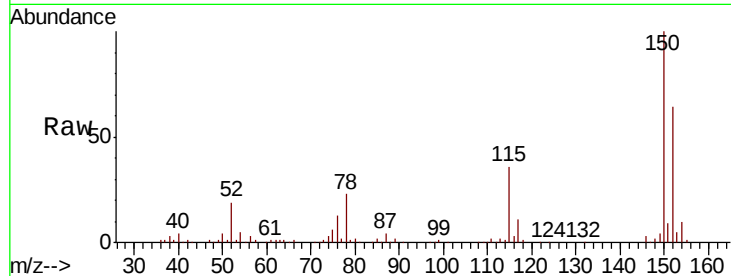


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.7	187.1
115	56.4	46.0	69.0

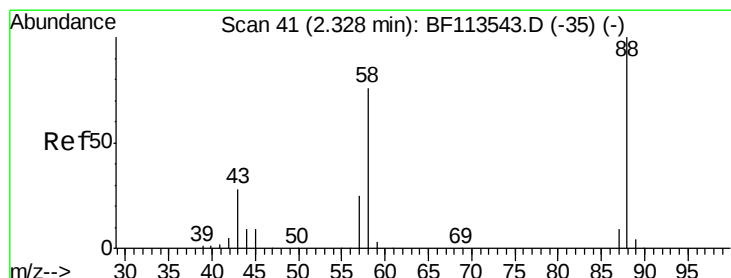
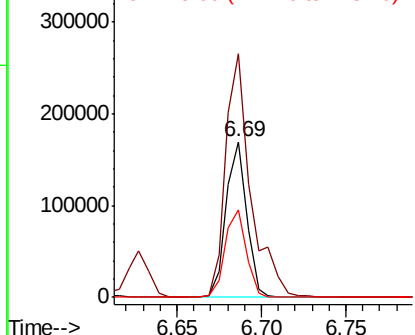
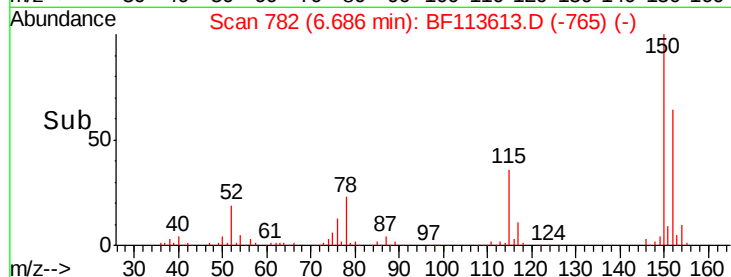


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

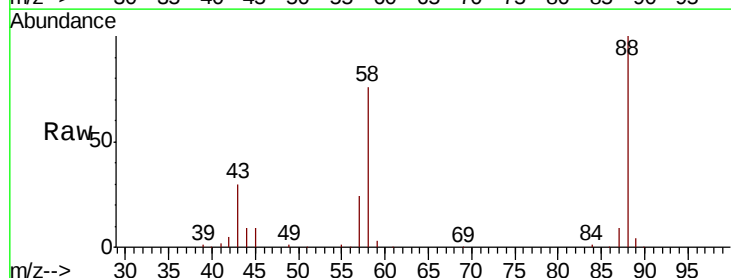
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 36.107 ng
 RT: 2.45 min Scan# 62
 Delta R.T. 0.12 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	61.9	92.9
43	29.2	24.2	36.4

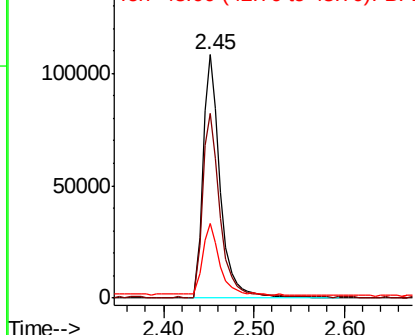
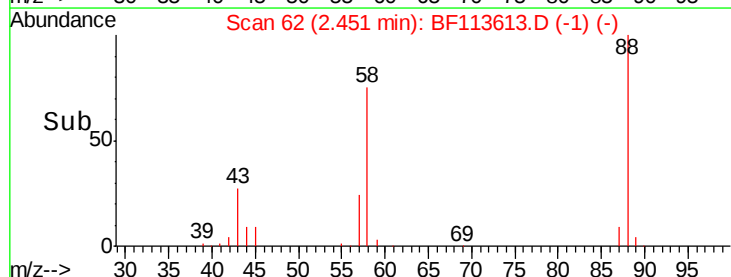


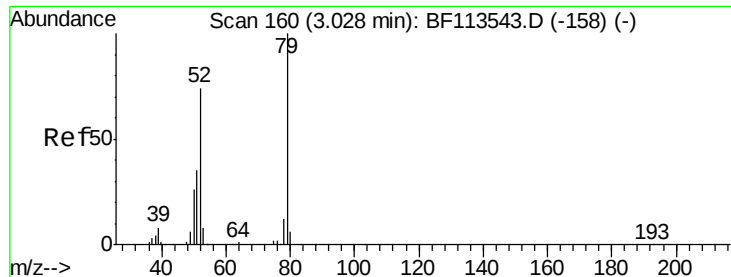
Abundance

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



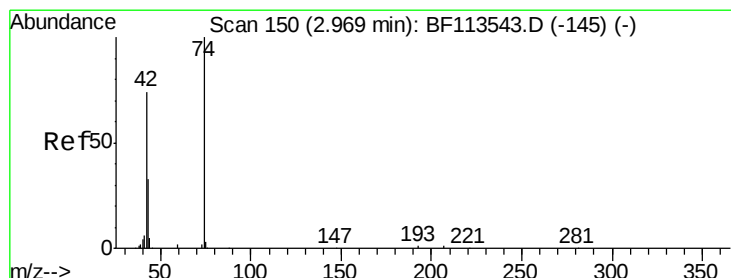
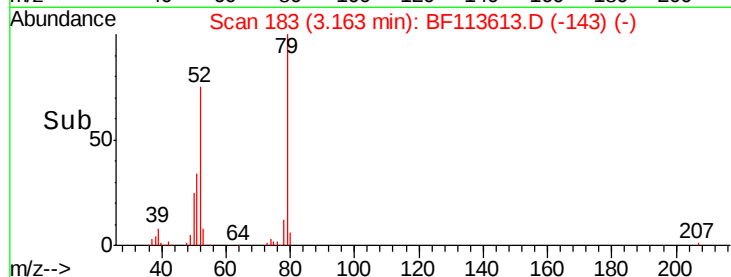
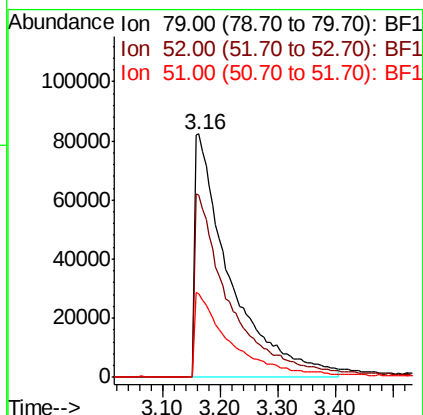
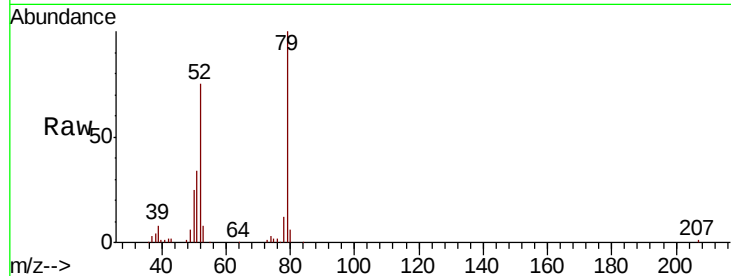


#3
 Pvridine
 Concen: 33.451 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.14 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

Tot Ion: 79 Resp: 351828

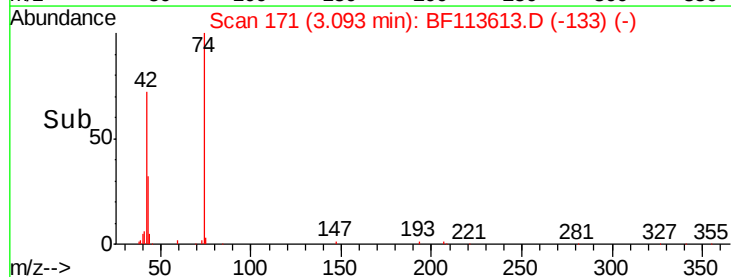
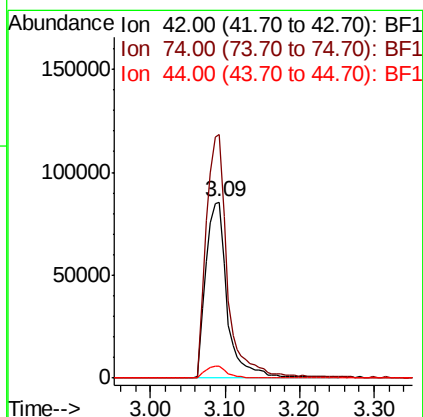
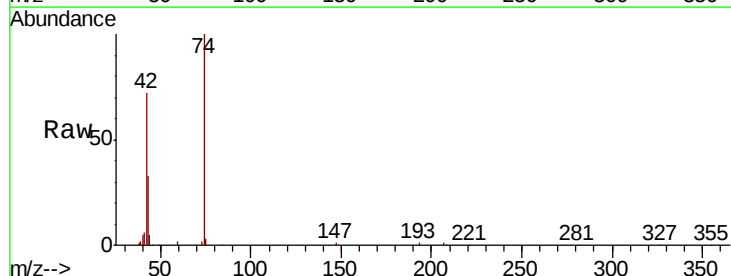
Ion	Ratio	Lower	Upper
79	100		
52	74.9	61.0	91.4
51	34.3	30.6	45.8



#4
 n-Nitrosodimethylamine
 Concen: 38.590 ng
 RT: 3.09 min Scan# 171
 Delta R.T. 0.12 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion: 42 Resp: 172450

Ion	Ratio	Lower	Upper
42	100		
74	138.2	102.4	153.6
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 119.627 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

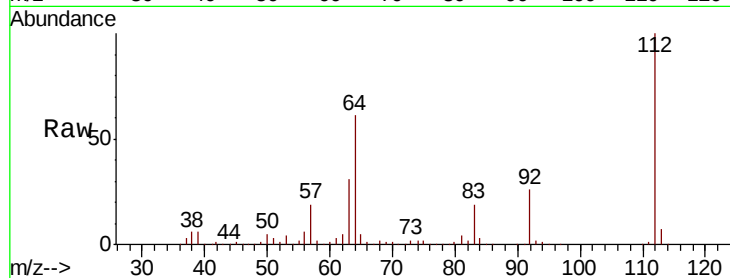
Tot Ion:112 Resp: 1015093

Ion Ratio Lower Upper

112 100

64 60.7 49.2 73.8

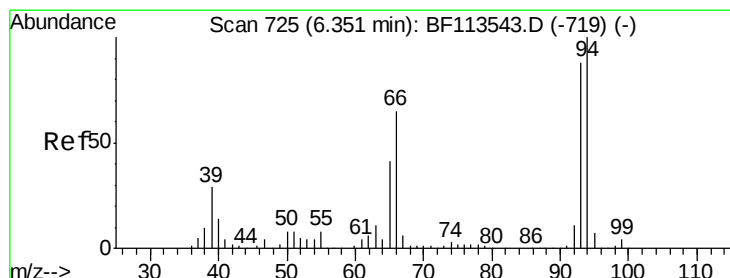
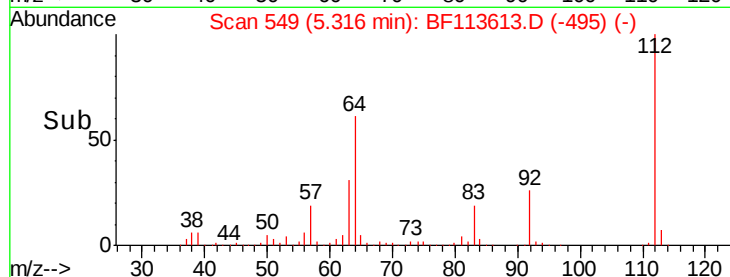
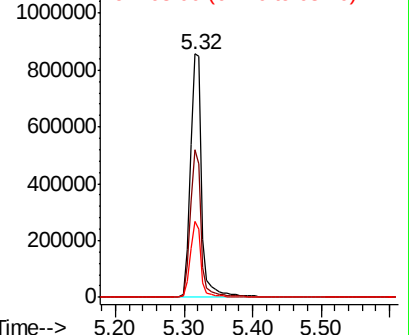
63 31.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.546 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

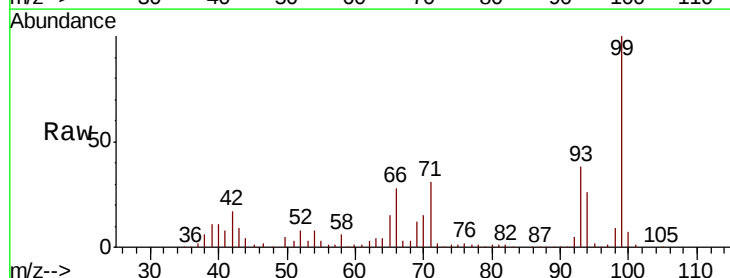
Tgt Ion: 93 Resp: 387225

Ion Ratio Lower Upper

93 100

66 72.4 62.1 93.1

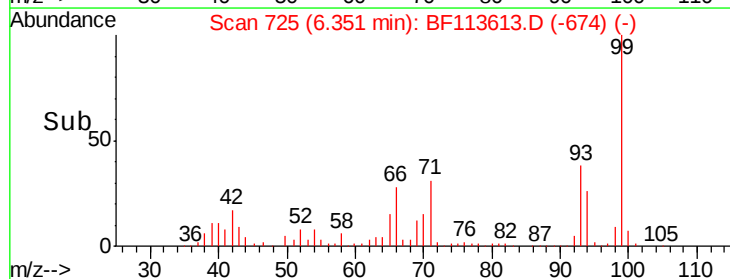
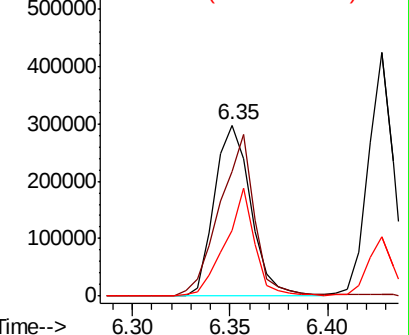
65 38.2 38.7 58.1#

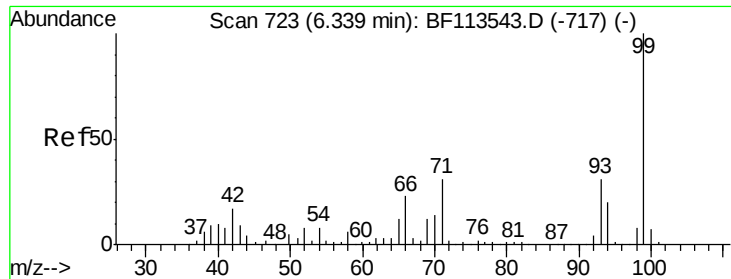


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.439 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

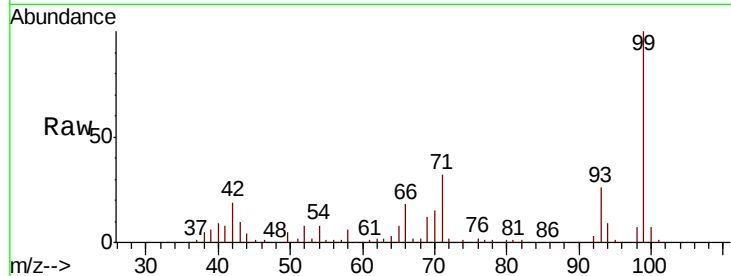
BNA_F

ClientSampleId :

PB118551BS

Tot Ion: 99 Resp: 1249140

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.8	22.2
71	32.2	24.9	37.3

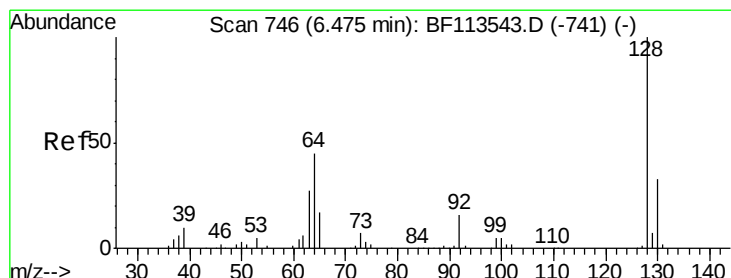
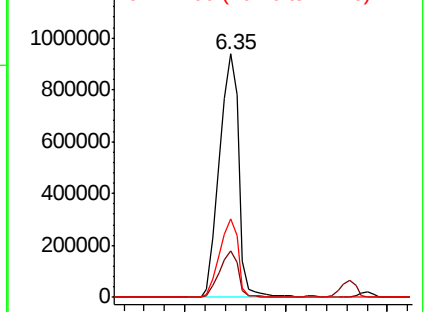
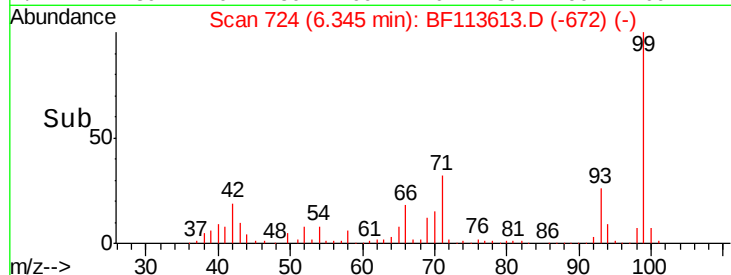


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.000 ng

RT: 6.48 min Scan# 747

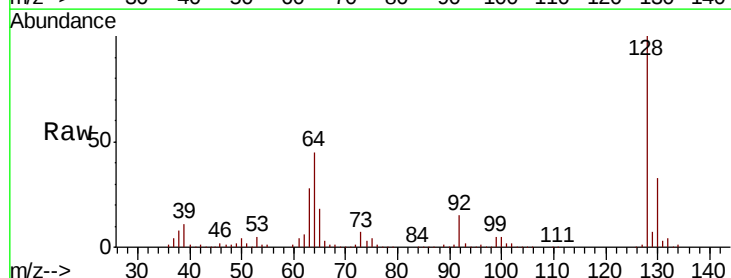
Delta R.T. 0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Tgt Ion: 128 Resp: 382881

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.6	52.6
64	45.0	29.4	69.4

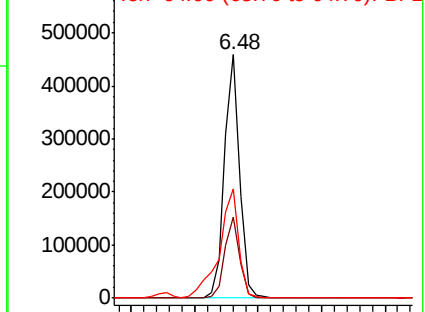
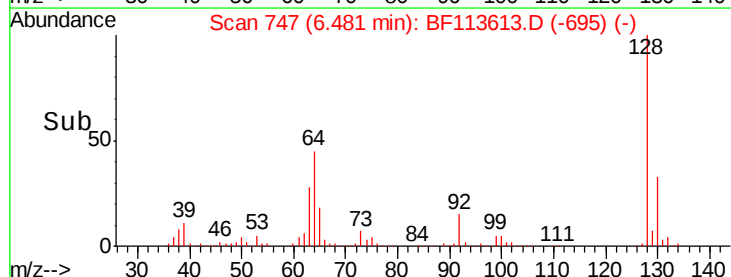


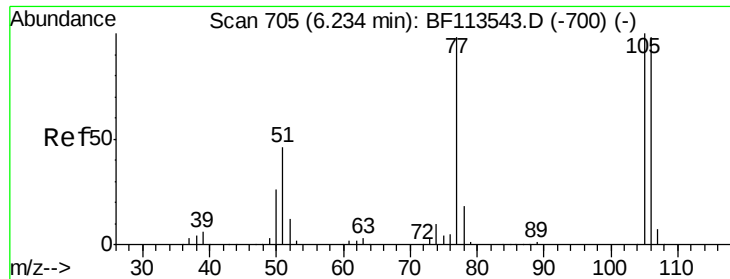
Abundance

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

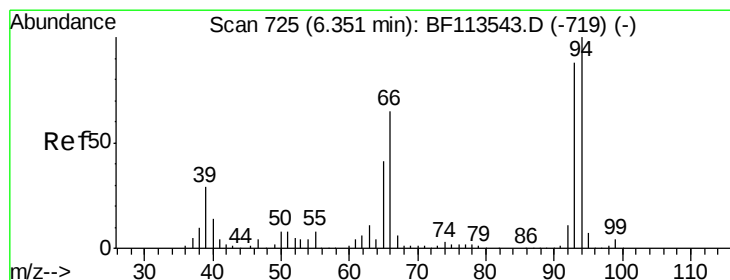
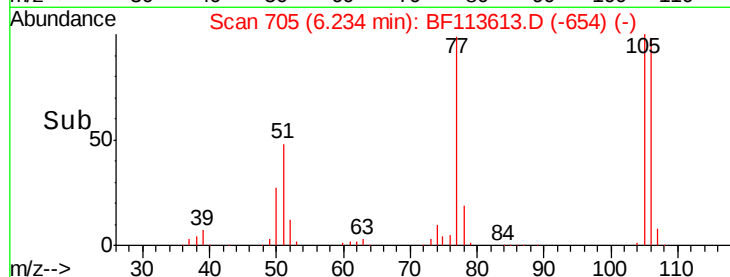
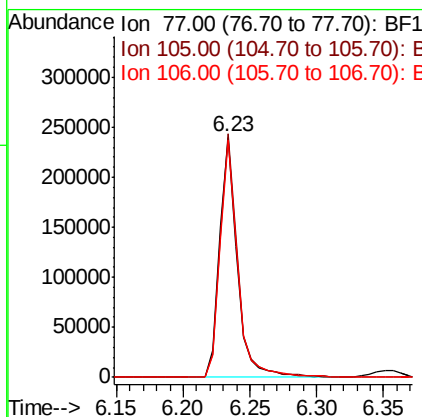
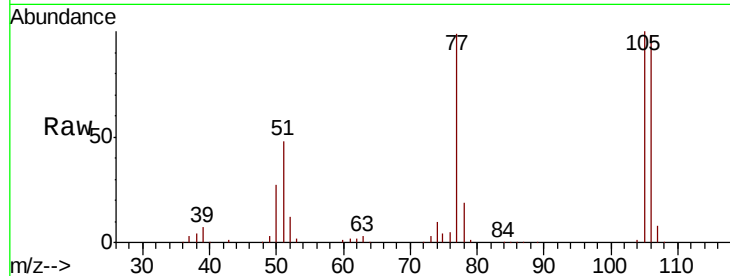




#9
Benzaldehyde
Concen: 36.505 ng
RT: 6.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

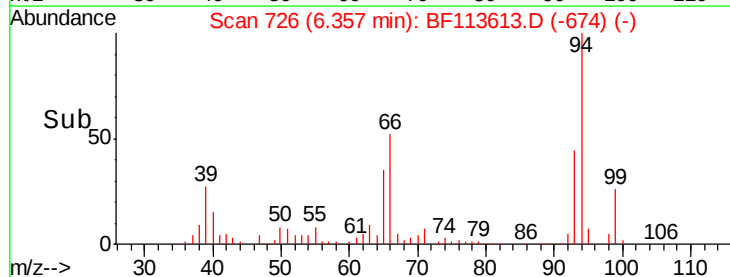
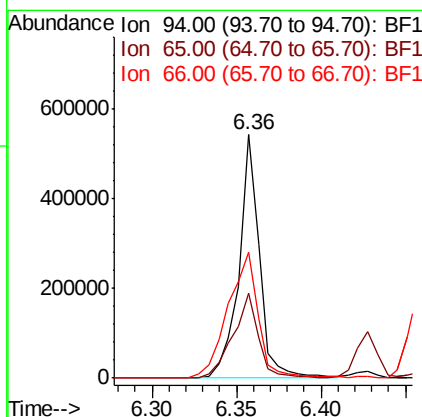
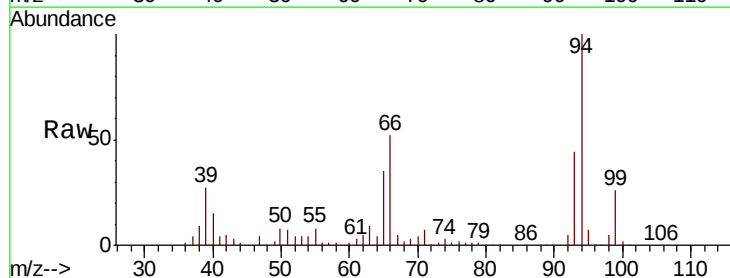
Instrument :
BNA_F
ClientSampleId :
PB118551BS

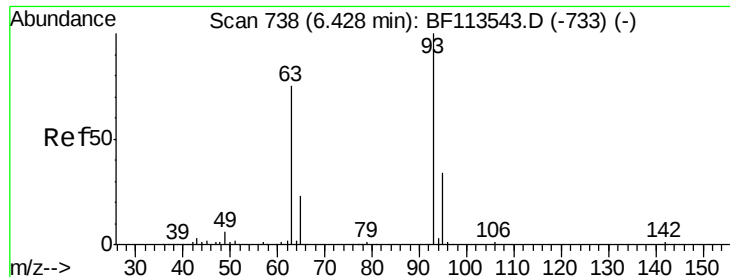
Tot Ion: 77 Resp: 227009
Ion Ratio Lower Upper
77 100
105 101.5 80.9 120.9
106 99.1 77.8 117.8



#10
Phenol
Concen: 38.345 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion: 94 Resp: 458015
Ion Ratio Lower Upper
94 100
65 34.8 21.4 61.4
66 51.9 46.4 86.4

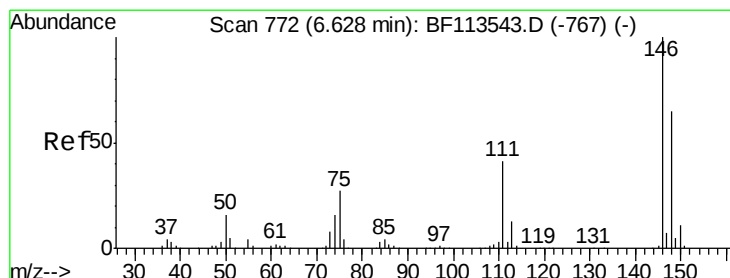
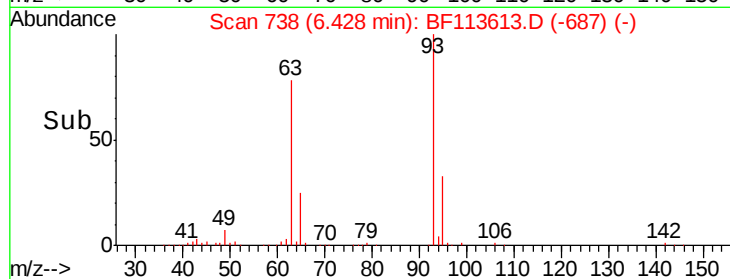
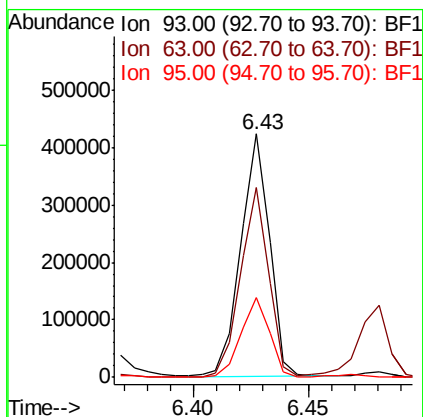
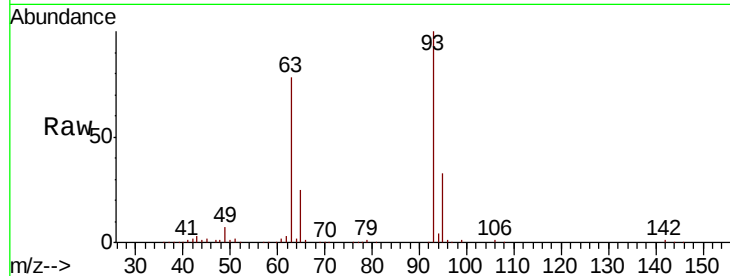




#11
bis(2-Chloroethyl)ether
Concen: 39.281 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

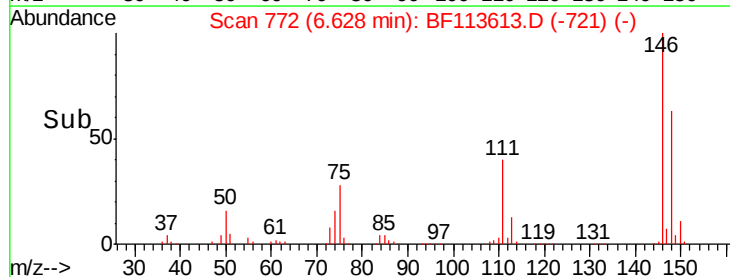
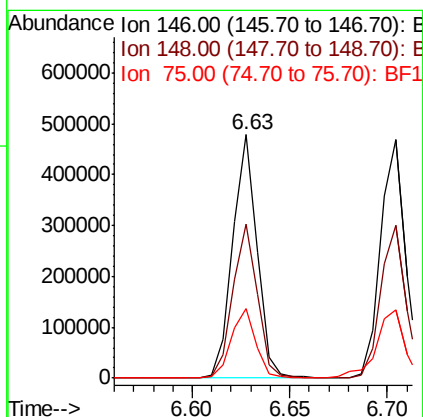
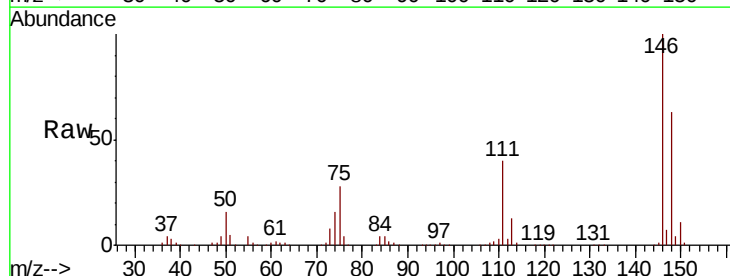
Instrument :
BNA_F
ClientSampleId :
PB118551BS

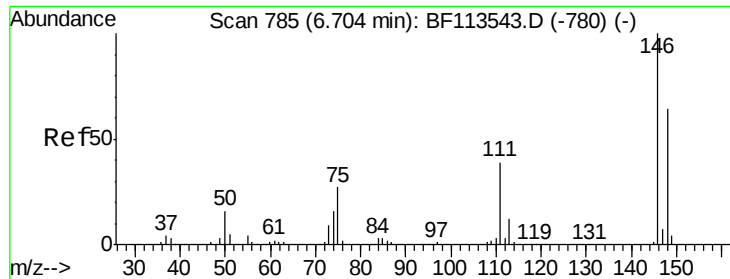
Tot Ion: 93 Resp: 364979
Ion Ratio Lower Upper
93 100
63 77.8 56.1 96.1
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.245 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion: 146 Resp: 414924
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 28.5 24.8 37.2

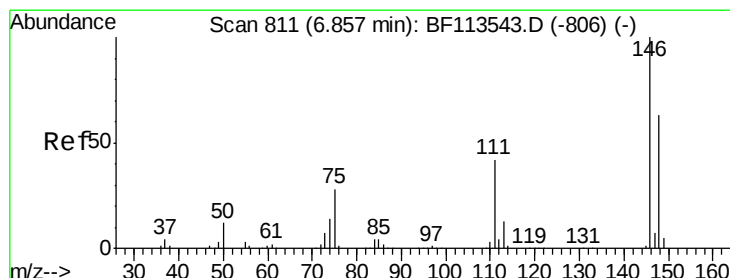
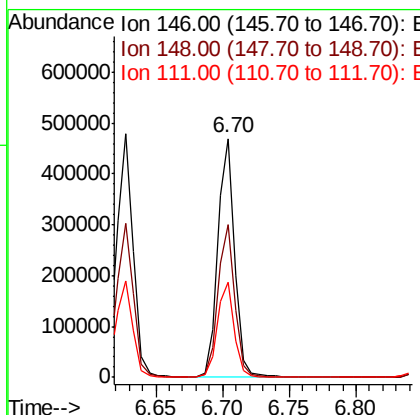
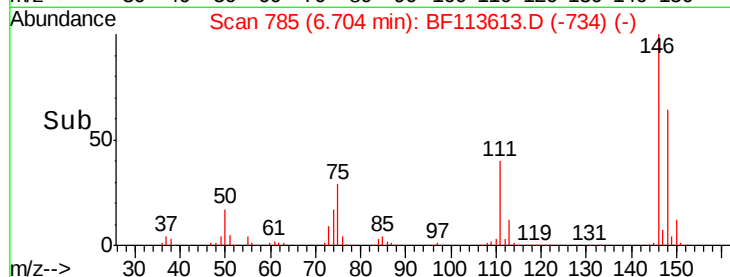
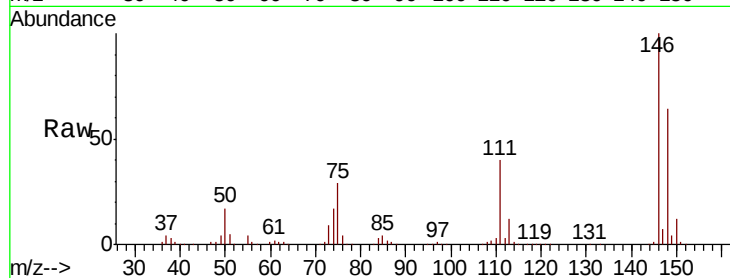




#13
 1,4-Dichlorobenzene
 Concen: 39.164 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

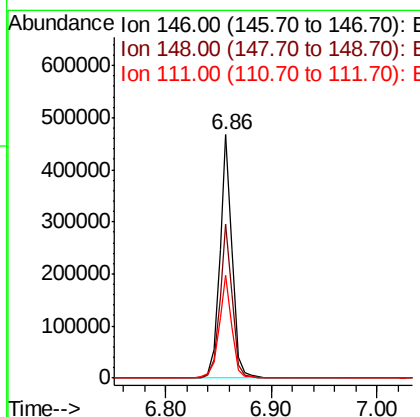
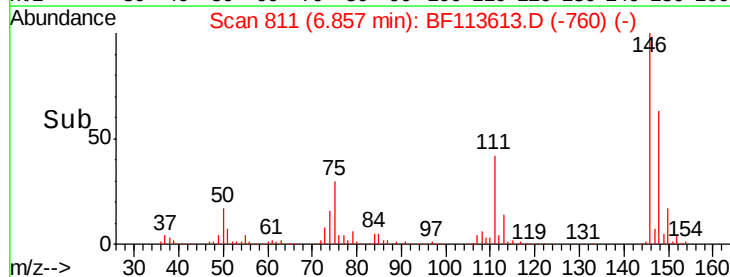
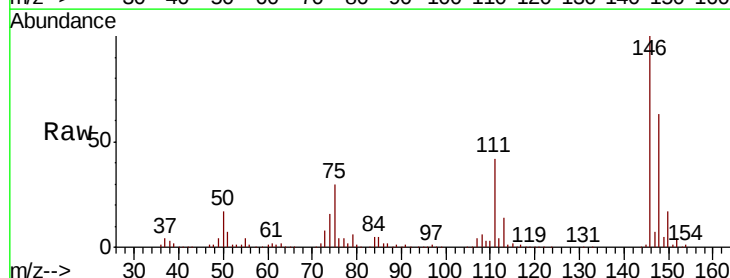
Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

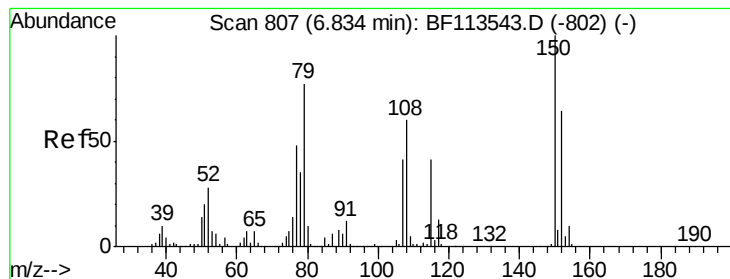
Tot Ion:146 Resp: 418432
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 40.1 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 39.833 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion:146 Resp: 384140
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.2 75.4
 111 42.3 35.4 53.2





#15

Benzyl Alcohol

Concen: 41.873 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

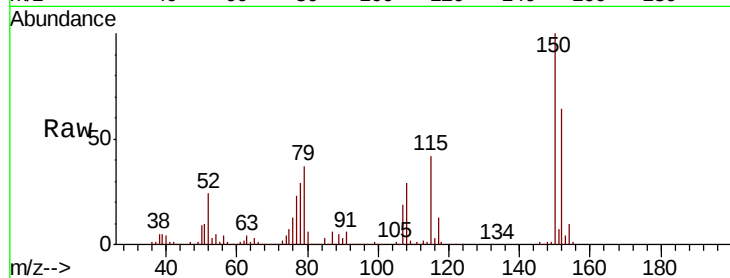
Tot Ion: 79 Resp: 296104

Ion Ratio Lower Upper

79 100

108 77.6 62.0 93.0

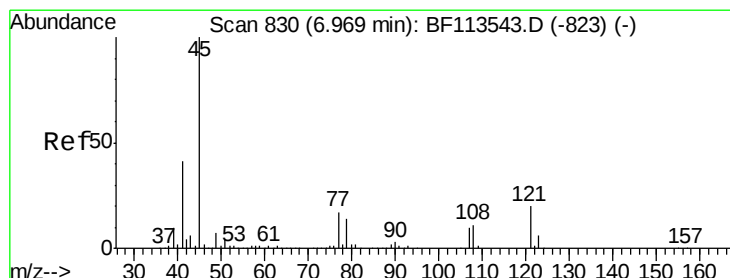
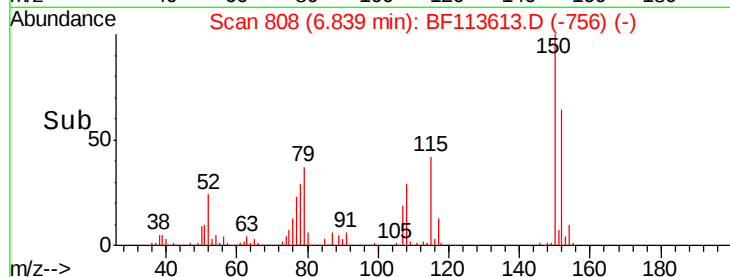
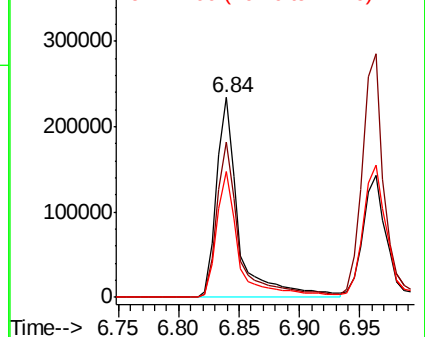
77 62.8 49.9 74.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.492 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

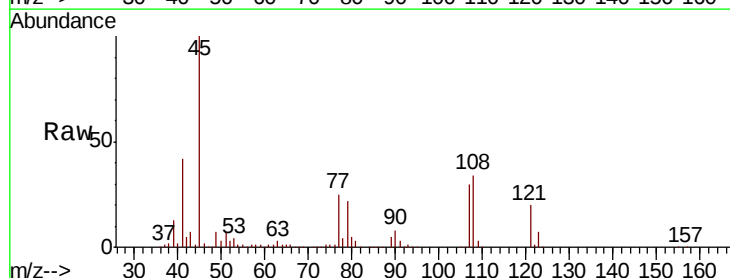
Tgt Ion: 45 Resp: 556696

Ion Ratio Lower Upper

45 100

77 25.2 0.0 36.6

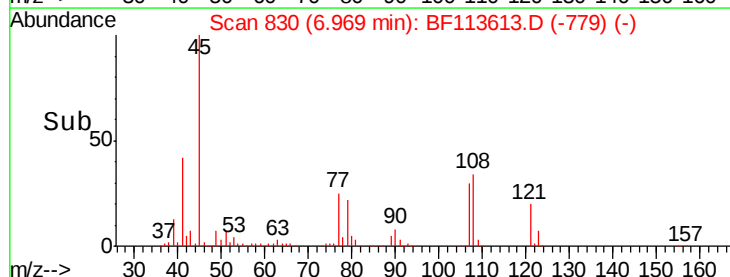
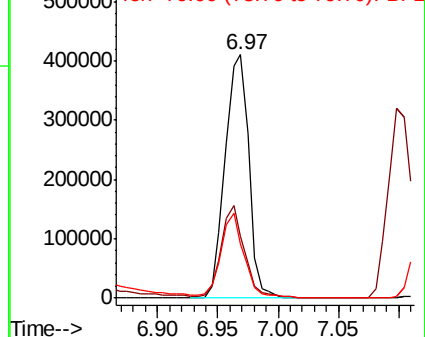
79 22.1 0.0 34.0

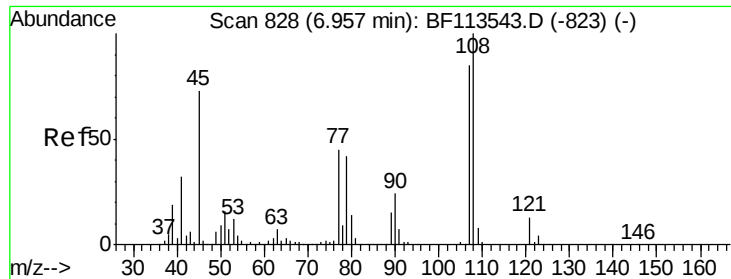


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

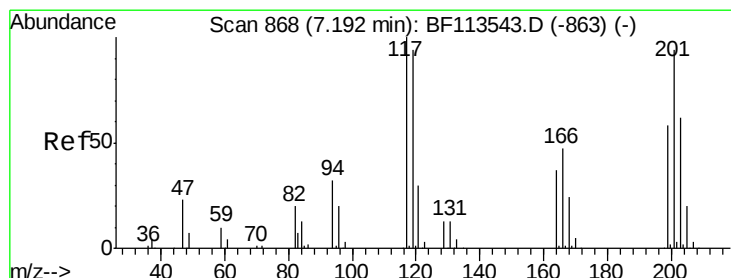
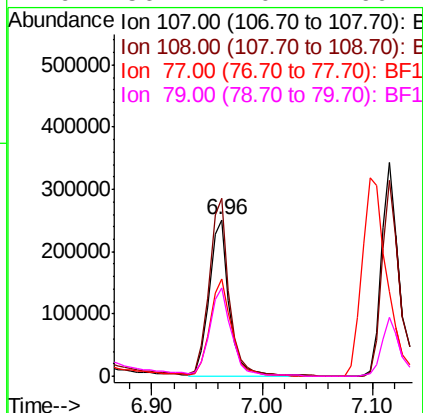
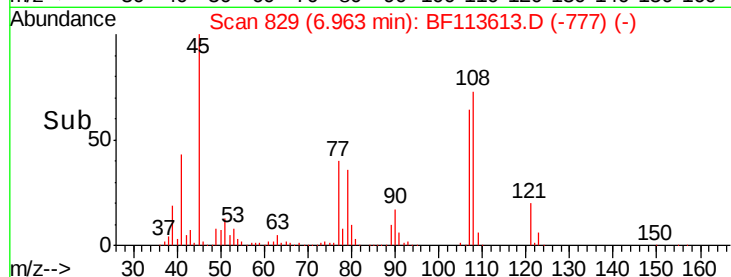
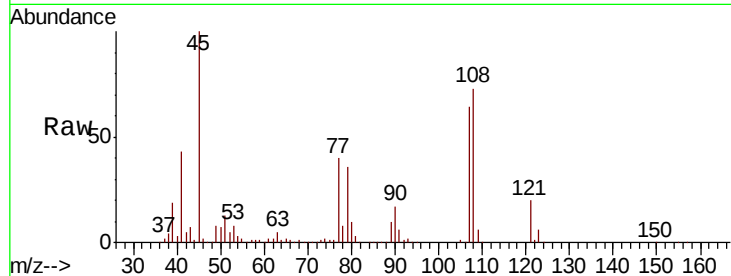




#17
2-Methylphenol
Concen: 40.572 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

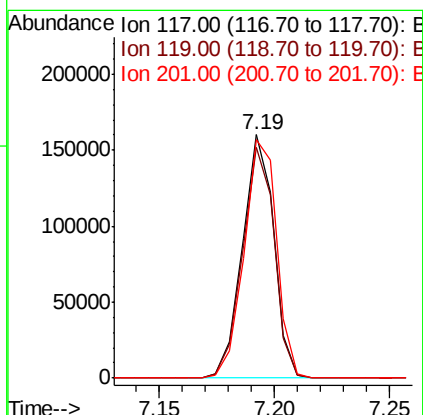
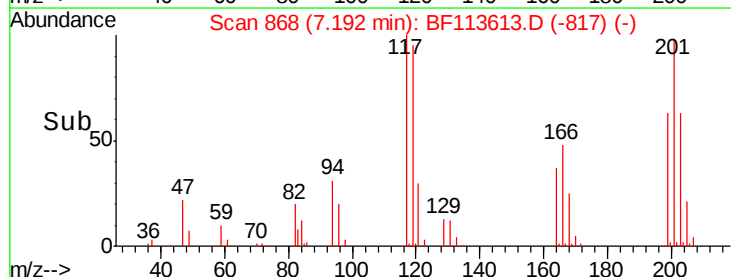
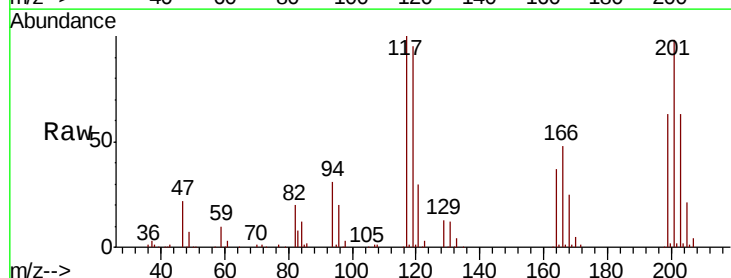
Instrument :
BNA_F
ClientSampleId :
PB118551BS

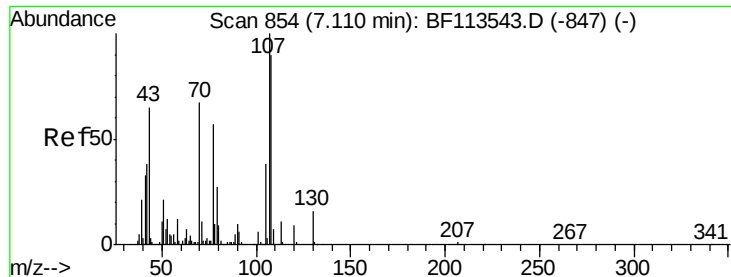
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	93.4	140.0
77	61.9	41.2	61.8
79	56.7	40.1	60.1



#18
Hexachloroethane
Concen: 39.134 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.9	115.3
201	98.0	78.7	118.1

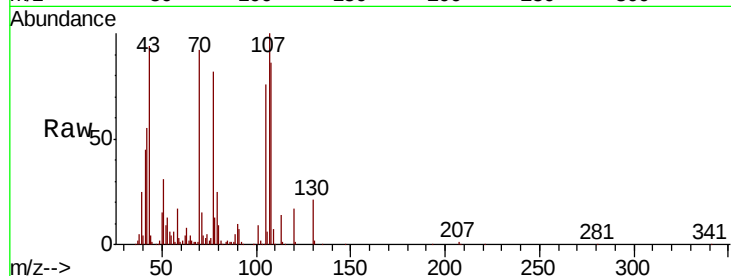




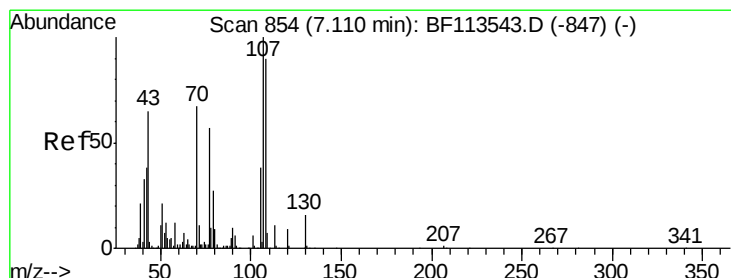
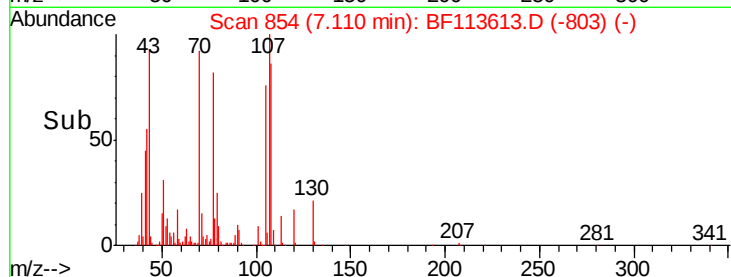
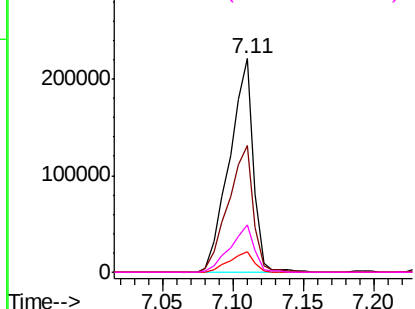
#19
n-Nitroso-di-n-propylamine
Concen: 40.326 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB118551BS

Tot Ion: 70 Resp: 260064
Ion Ratio Lower Upper
70 100
42 59.5 48.4 72.6
101 9.7 7.8 11.8
130 22.2 18.2 27.4

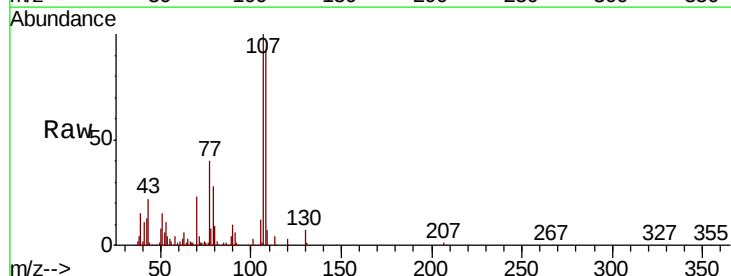


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

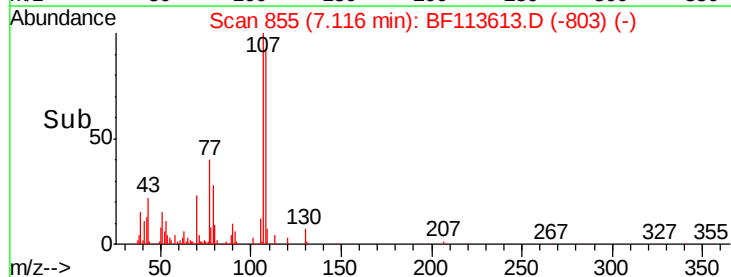
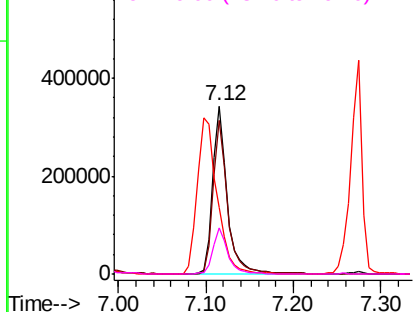


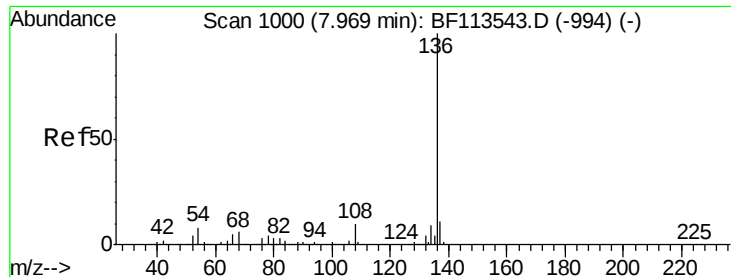
#20
3+4-Methylphenols
Concen: 42.649 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion: 107 Resp: 393166
Ion Ratio Lower Upper
107 100
108 91.6 71.4 111.4
77 39.5 33.5 73.5
79 27.7 8.3 48.3



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: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

Tot Ion:136 Resp: 552105

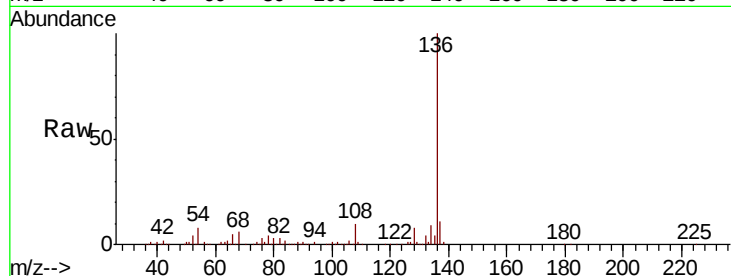
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.2 7.0 10.6

68 5.9 4.8 7.2

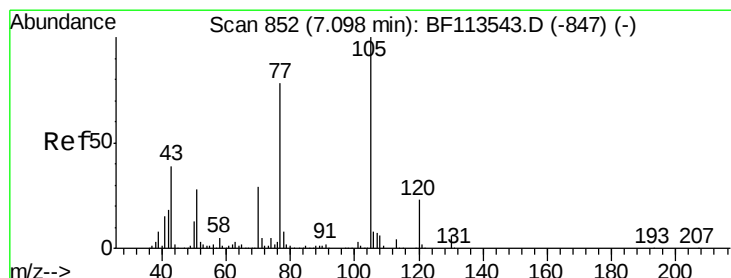
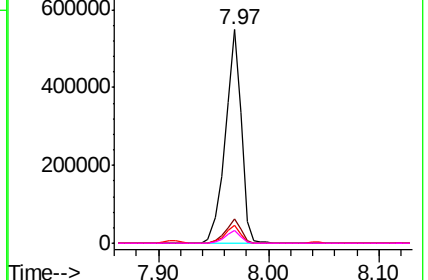
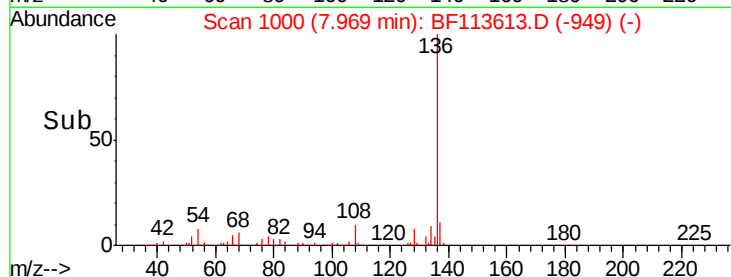


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.217 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Tgt Ion:105 Resp: 524055

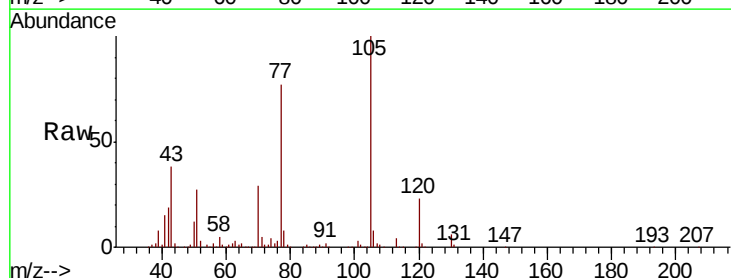
Ion Ratio Lower Upper

105 100

71 4.8 3.3 4.9

51 27.3 24.2 36.2

120 22.8 18.1 27.1

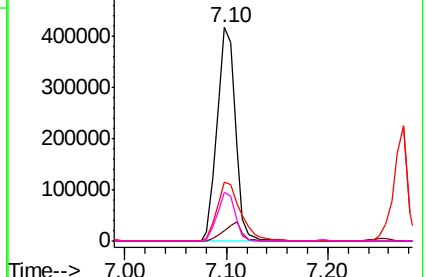
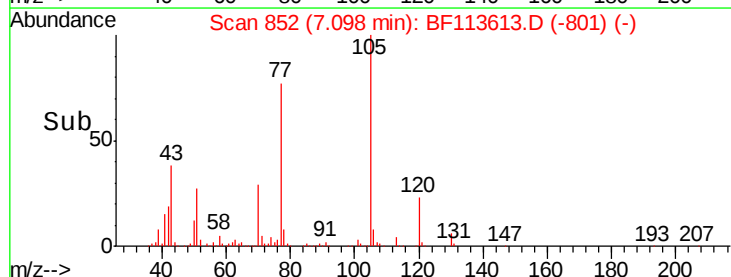


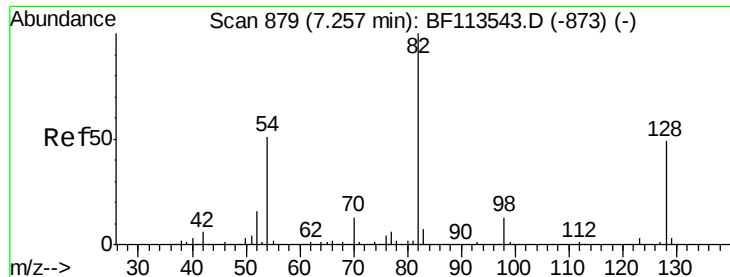
Abundance Ion 105.00 (104.70 to 105.70): E

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

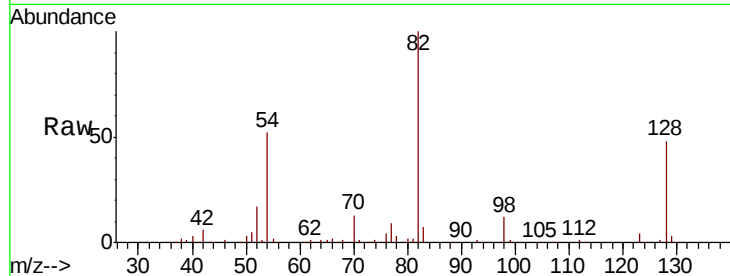




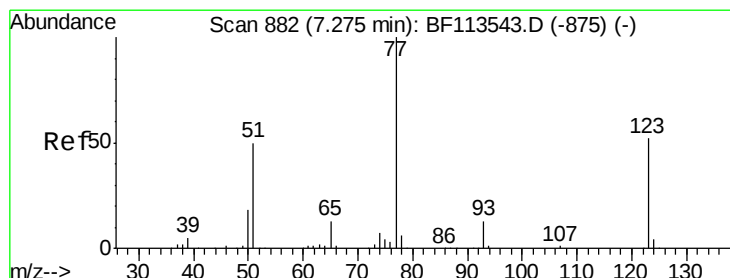
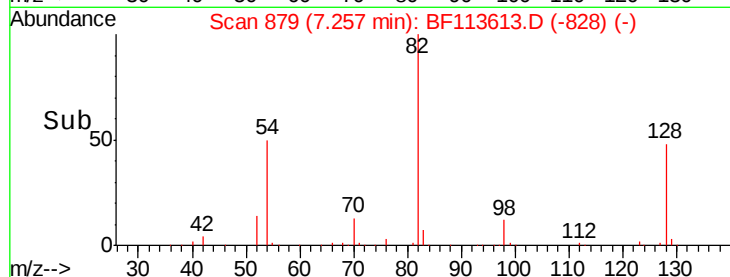
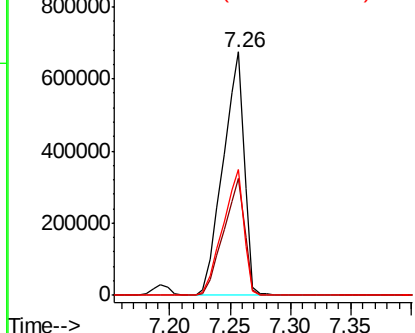
#23
Nitrobenzene-d5
Concen: 87.101 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB118551BS

Tot Ion: 82 Resp: 820980
Ion Ratio Lower Upper
82 100
128 48.1 36.5 54.7
54 51.5 42.2 63.2

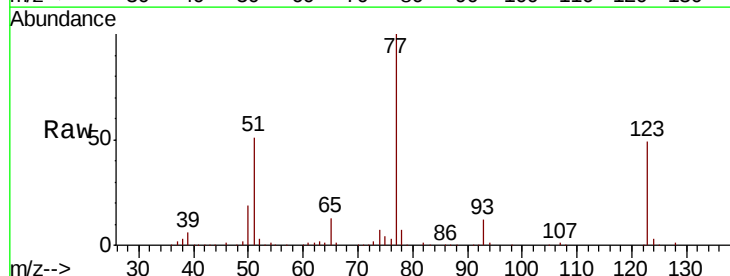


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

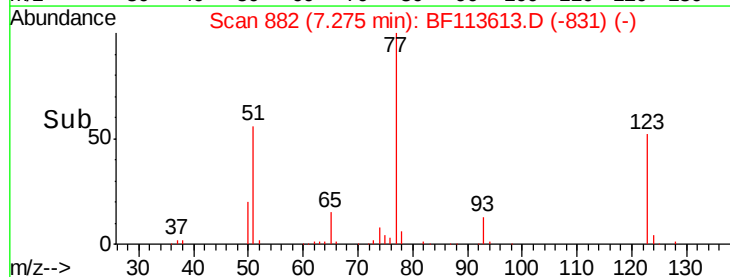
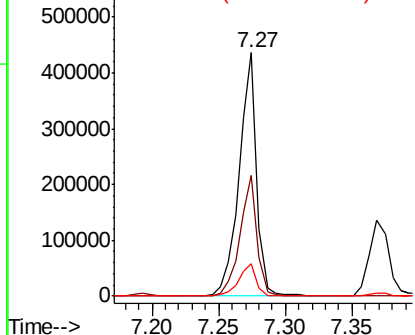


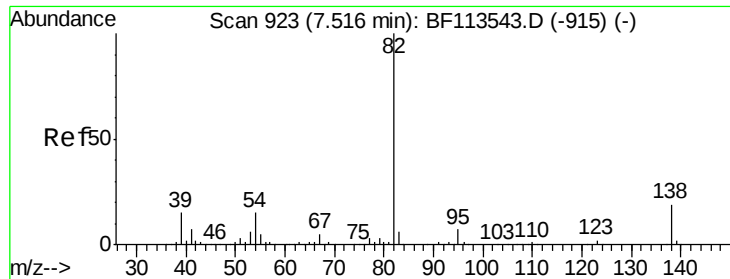
#24
Nitrobenzene
Concen: 41.010 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion: 77 Resp: 398079
Ion Ratio Lower Upper
77 100
123 49.5 40.8 61.2
65 13.3 10.6 16.0



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

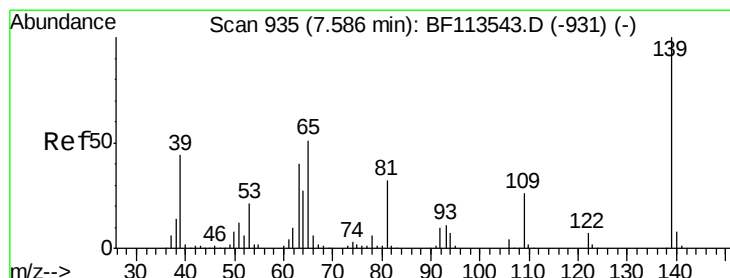
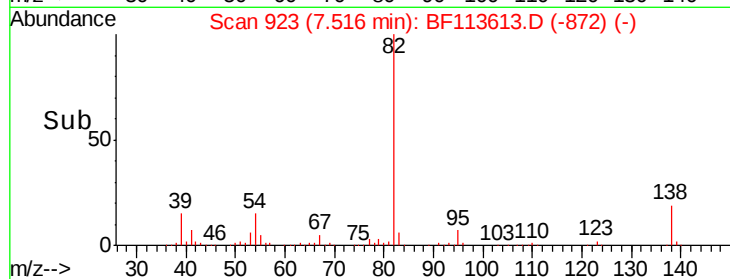
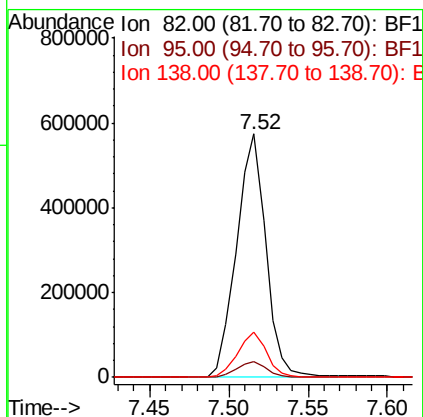
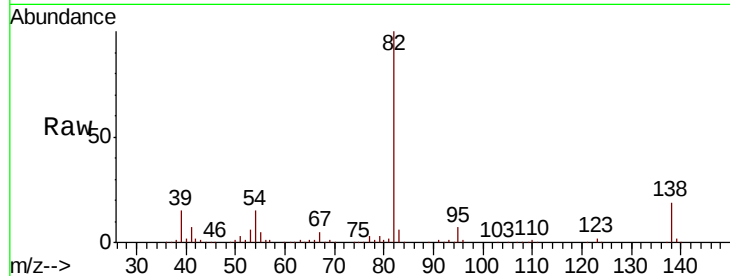




#25
Isophorone
Concen: 40.632 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

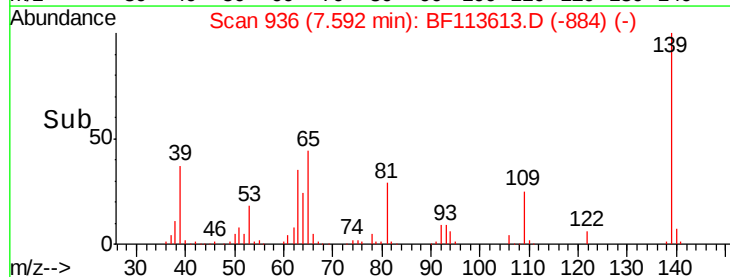
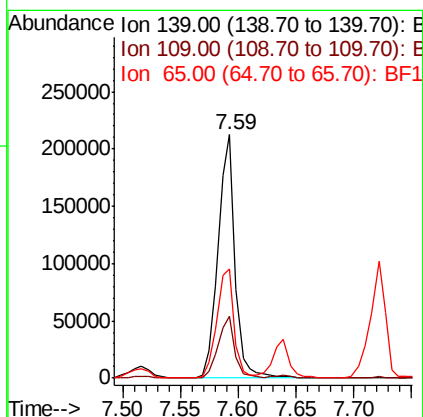
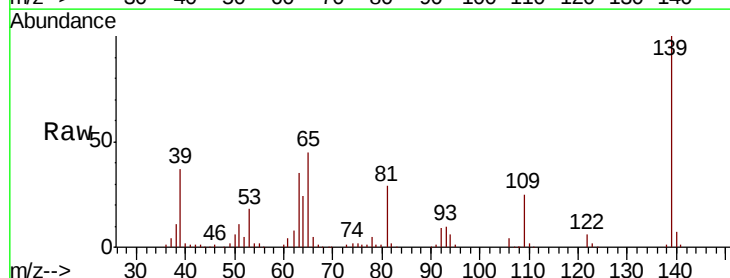
Instrument :
BNA_F
ClientSampleId :
PB118551BS

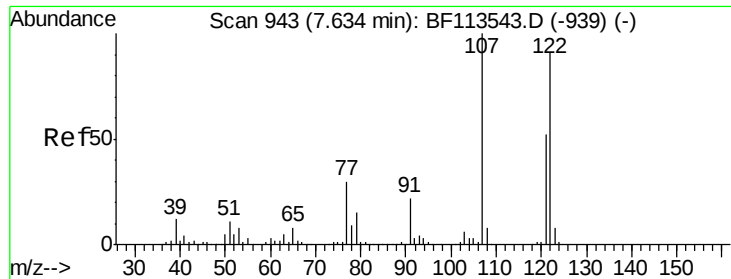
Tot Ion: 82 Resp: 737763
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 18.7 15.2 22.8



#26
2-Nitrophenol
Concen: 41.541 ng
RT: 7.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion:139 Resp: 217017
Ion Ratio Lower Upper
139 100
109 25.3 21.7 32.5
65 45.1 41.6 62.4

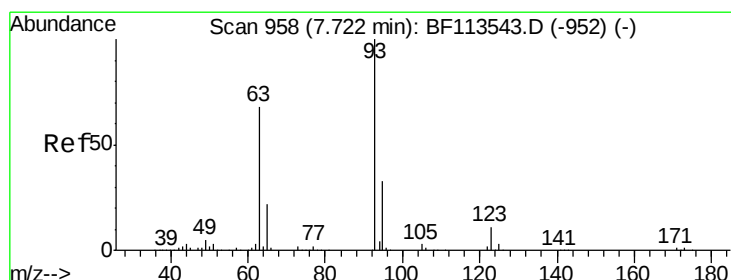
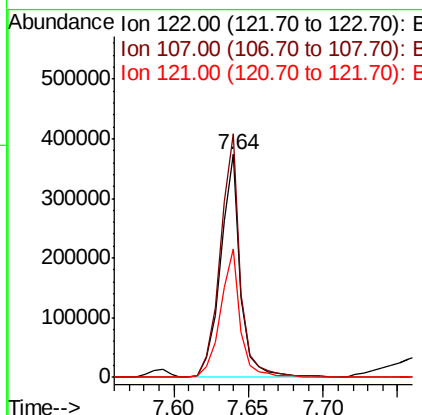
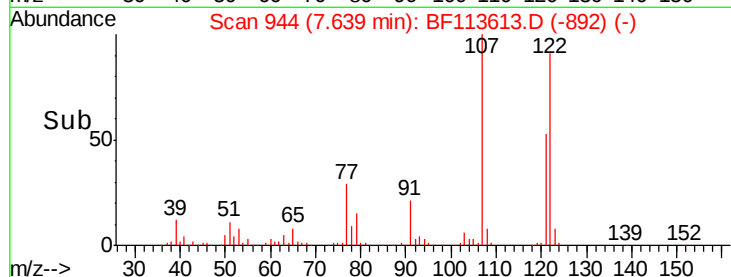
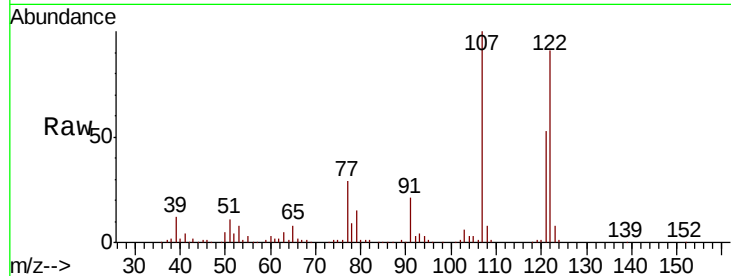




#27
 2,4-Dimethylphenol
 Concen: 46.764 ng
 RT: 7.64 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

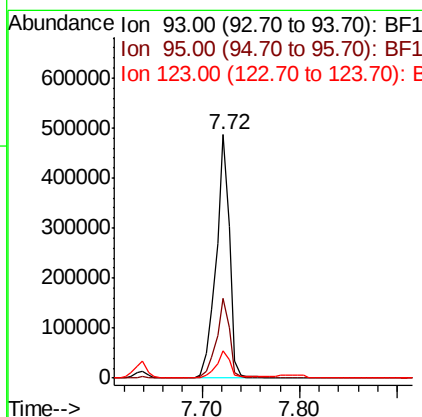
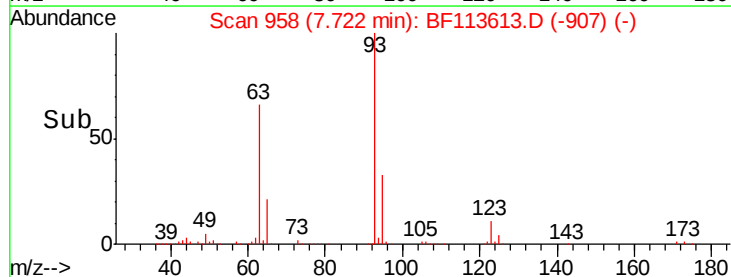
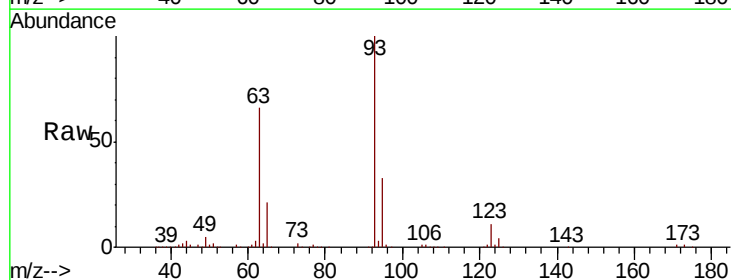
Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

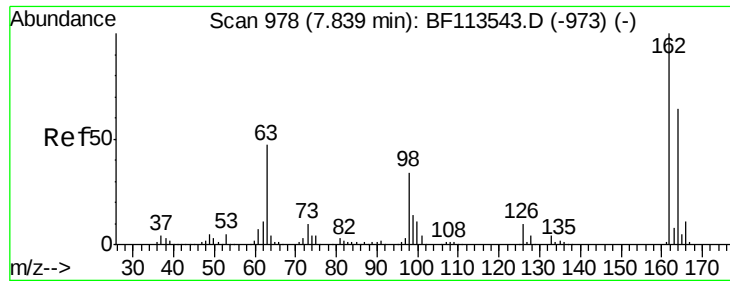
Tot Ion:122 Resp: 349263
 Ion Ratio Lower Upper
 122 100
 107 109.4 88.8 133.2
 121 58.0 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.441 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion: 93 Resp: 464236
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 11.3 9.1 13.7

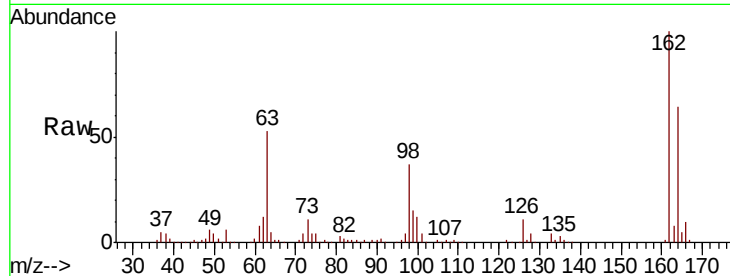




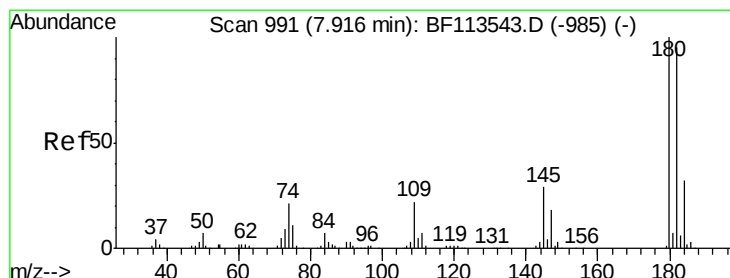
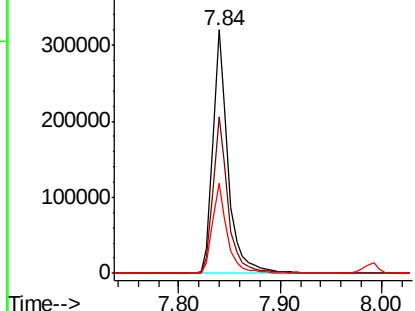
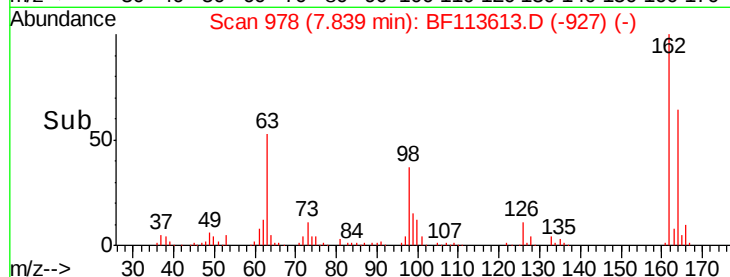
#29
 2,4-Dichlorophenol
 Concen: 41.960 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	37.0	15.6	55.6

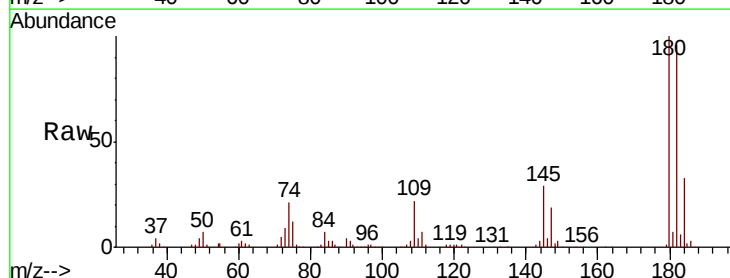


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

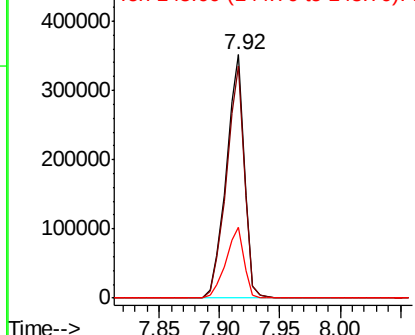
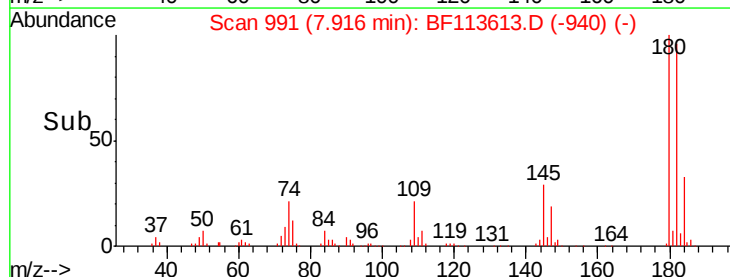


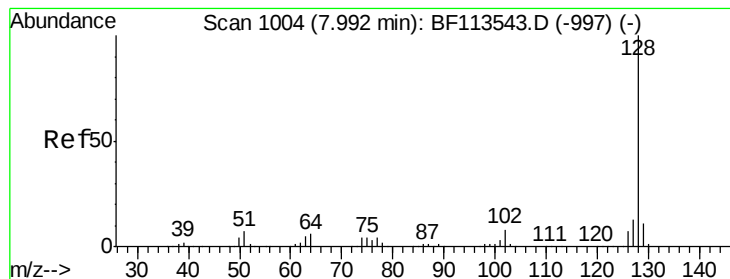
#30
 1,2,4-Trichlorobenzene
 Concen: 42.009 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.6	111.8
145	29.0	23.4	35.0



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: 42.001 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

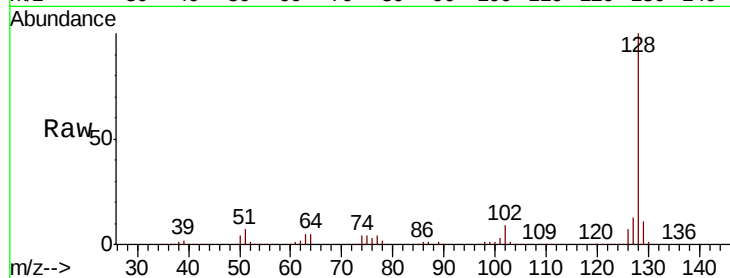
Tot Ion:128 Resp: 1123567

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

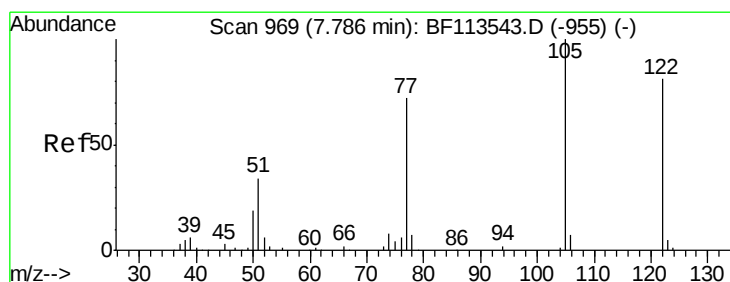
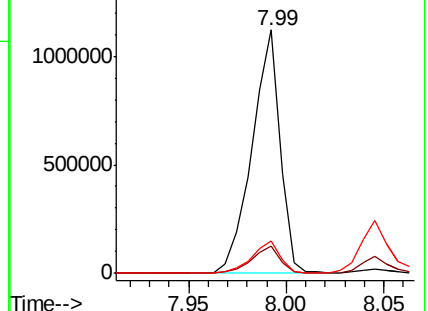
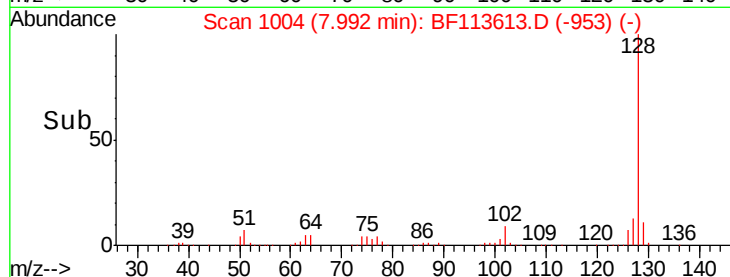
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.098 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

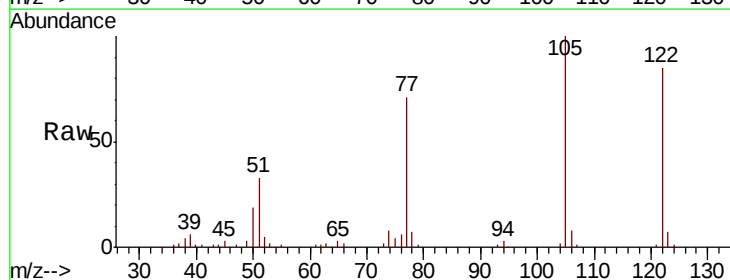
Tgt Ion:122 Resp: 208763

Ion Ratio Lower Upper

122 100

105 117.4 100.4 140.4

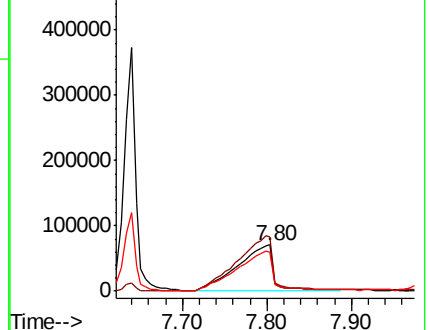
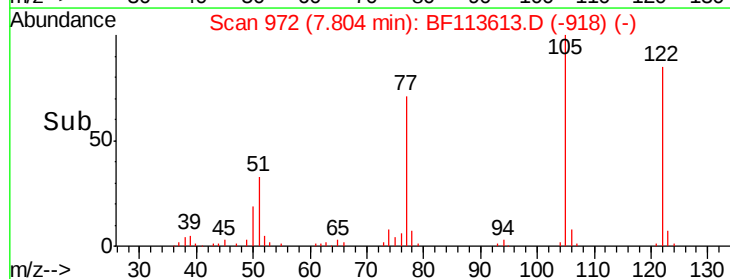
77 83.8 69.0 109.0



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

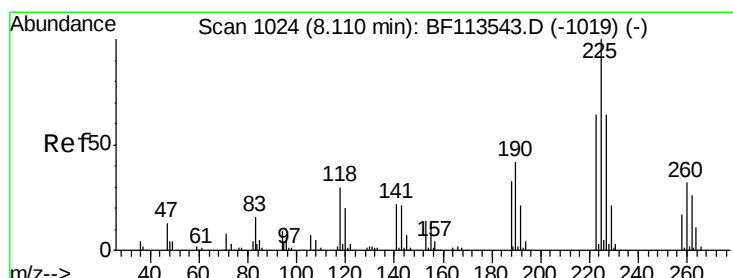
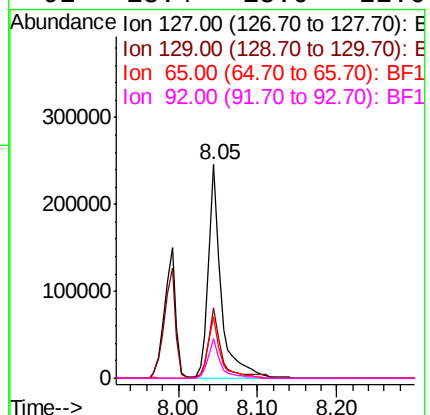
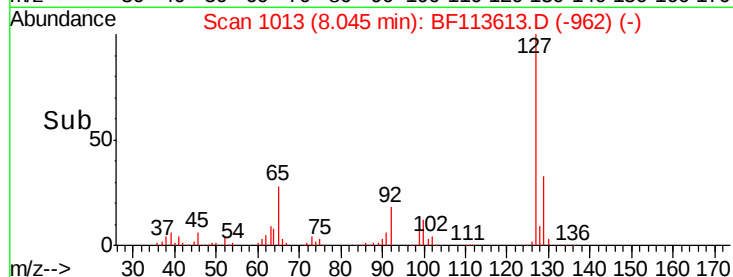
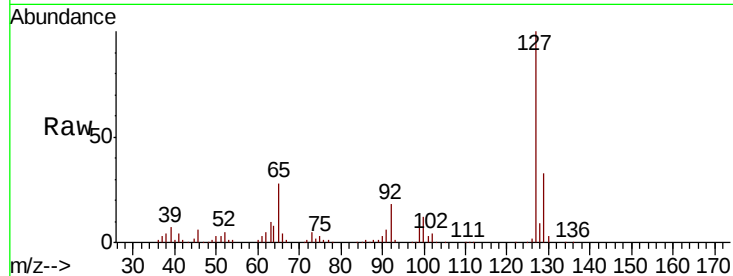




#33
4-Chloroaniline
Concen: 26.739 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

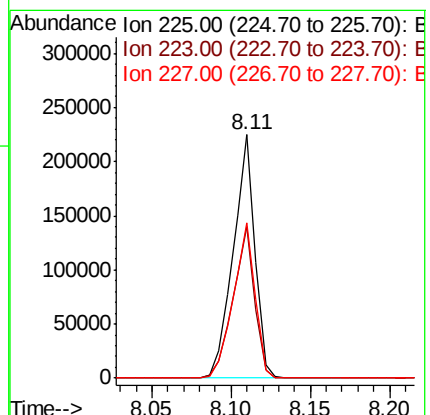
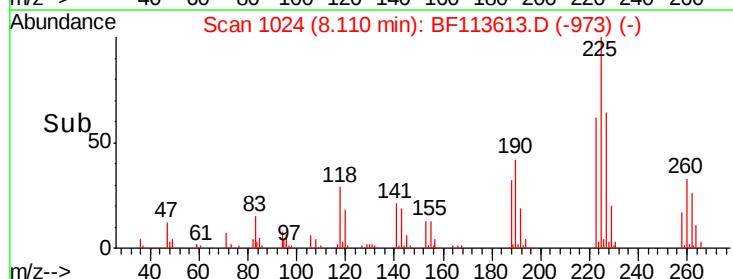
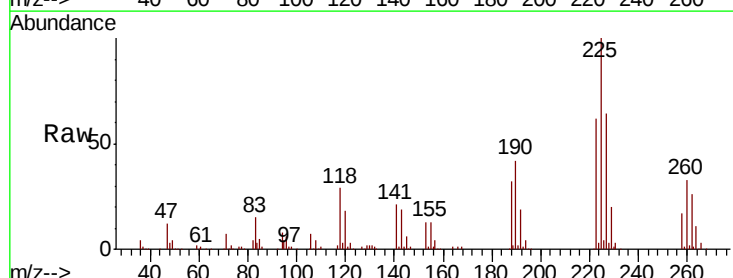
Instrument :
BNA_F
ClientSampleId :
PB118551BS

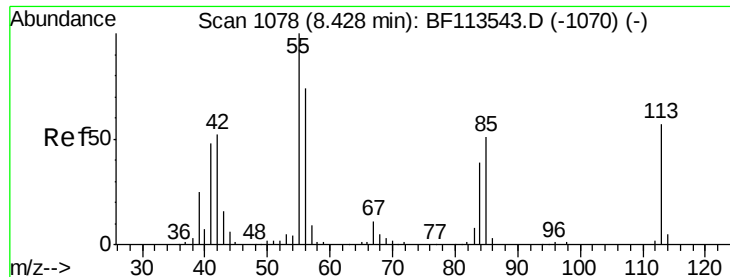
Tot Ion:	127	Resp:	283621
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	28.5	24.2	36.4
92	18.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.178 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion:	225	Resp:	212566
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.4	77.2
227	63.9	51.1	76.7

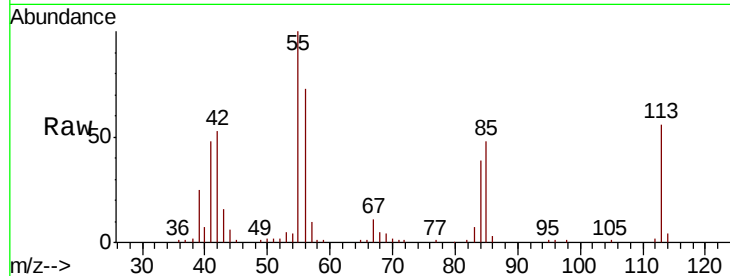




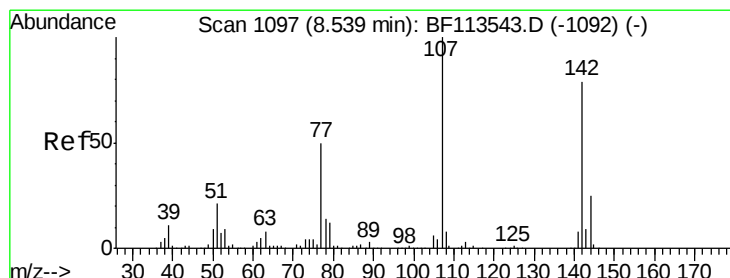
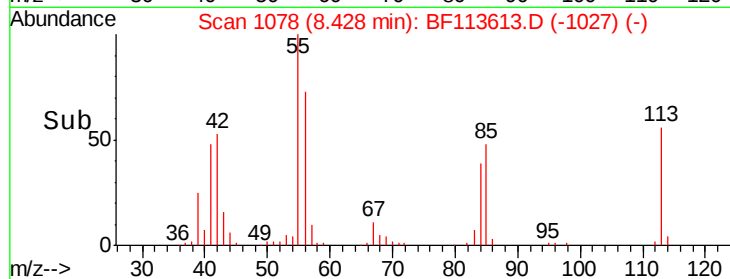
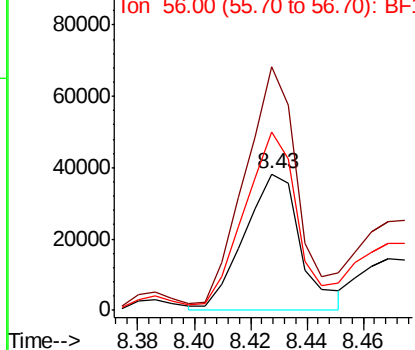
#35
 Caprolactam
 Concen: 21.002 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

Tot Ion:113 Resp: 53275
 Ion Ratio Lower Upper
 113 100
 55 178.3 152.7 192.7
 56 130.7 108.3 148.3

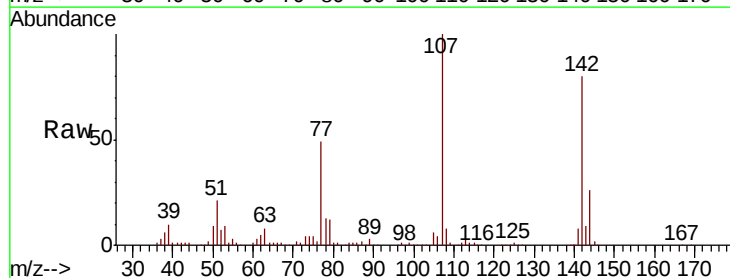


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

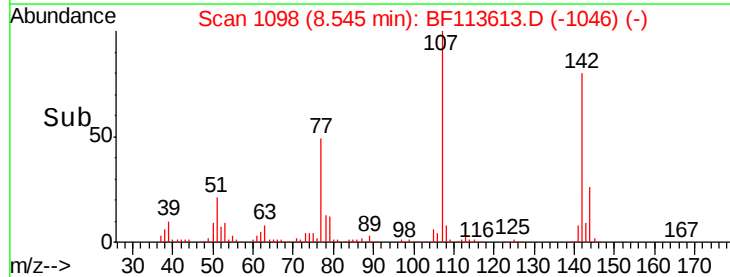
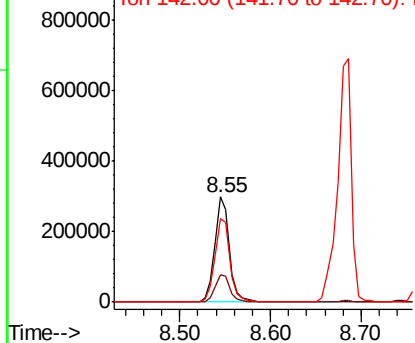


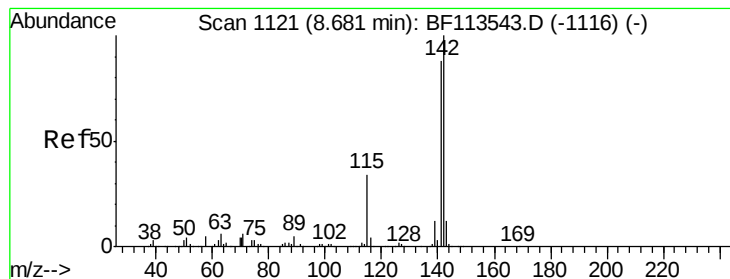
#36
 4-Chloro-3-methylphenol
 Concen: 41.953 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion:107 Resp: 336534
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.4 32.0
 142 80.1 65.6 98.4



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: 43.052 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

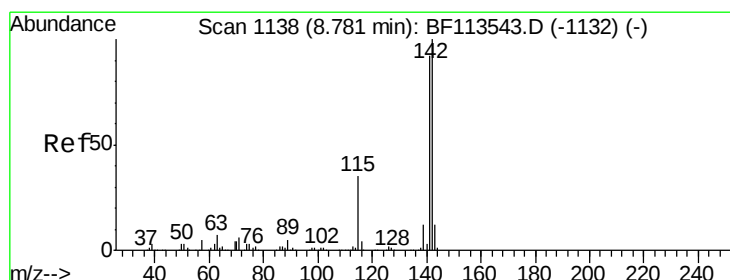
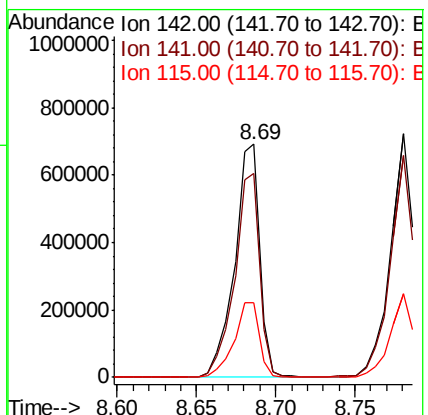
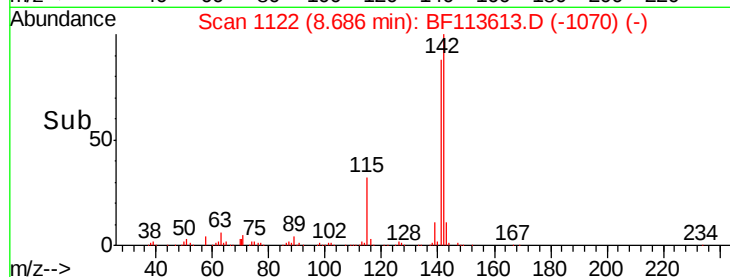
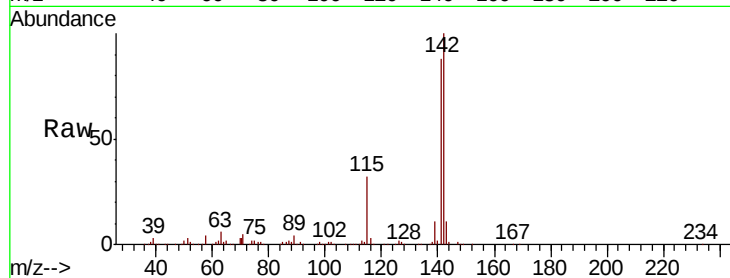
Tot Ion:142 Resp: 757455

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6

115 31.9 26.6 39.8



#38

1-Methylnaphthalene

Concen: 41.667 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

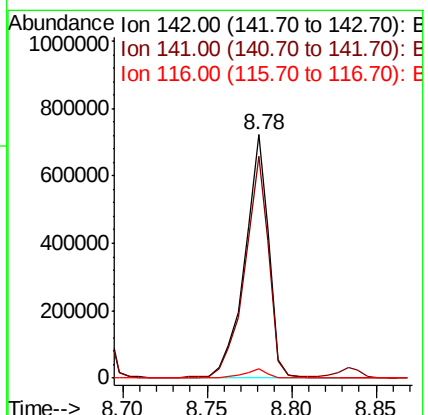
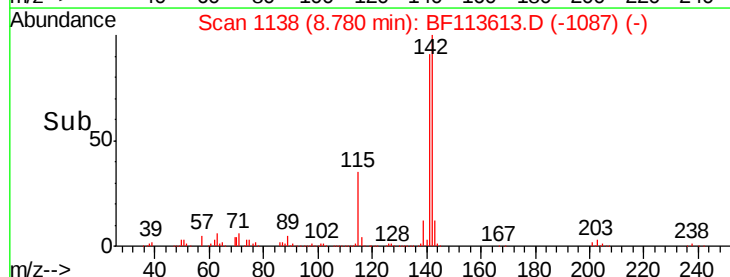
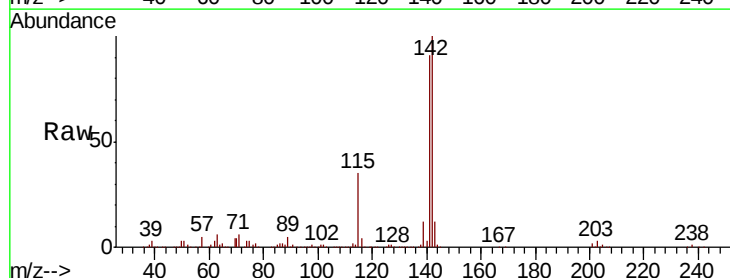
Tgt Ion:142 Resp: 706888

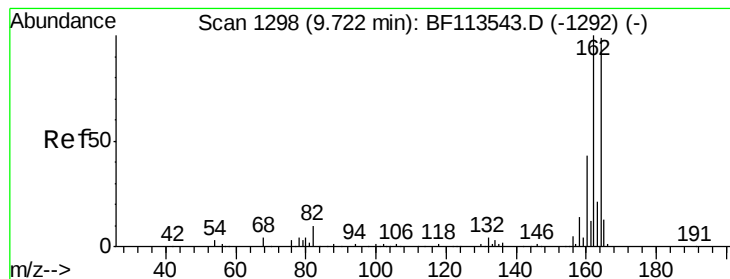
Ion Ratio Lower Upper

142 100

141 91.3 73.2 109.8

116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

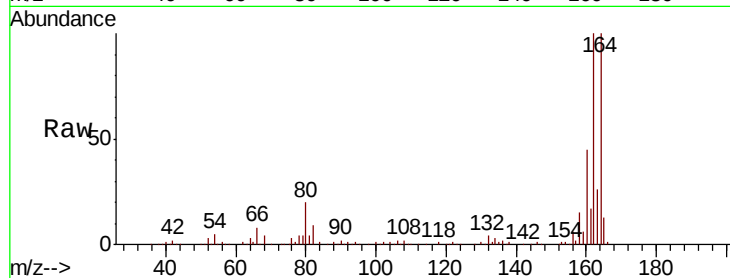
Tot Ion:164 Resp: 270794

Ion Ratio Lower Upper

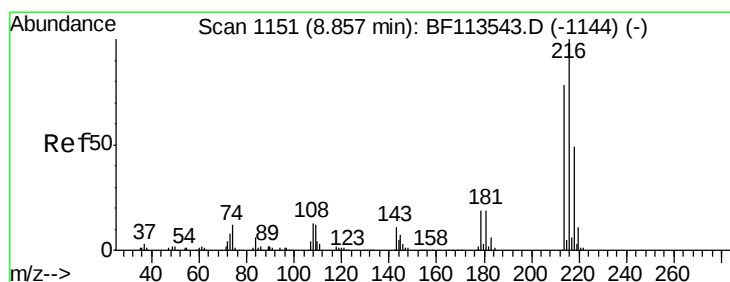
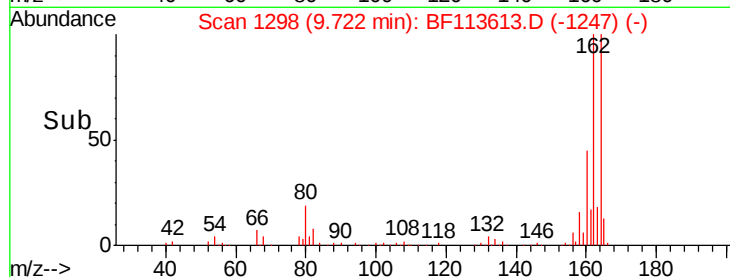
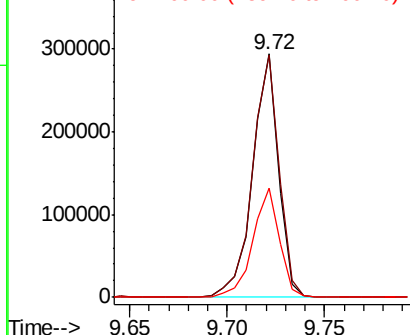
164 100

162 99.5 81.8 122.6

160 44.7 36.4 54.6



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: 40.373 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Tgt Ion:216 Resp: 353575

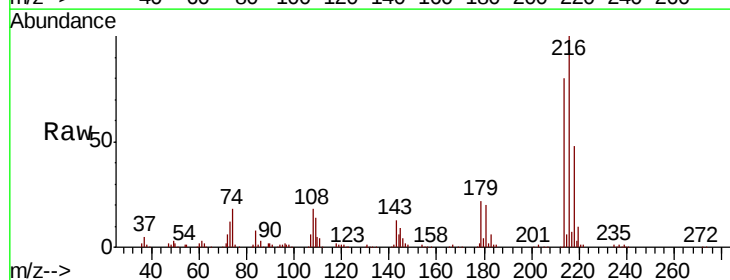
Ion Ratio Lower Upper

216 100

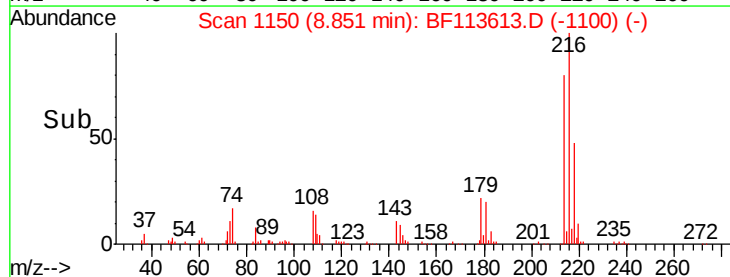
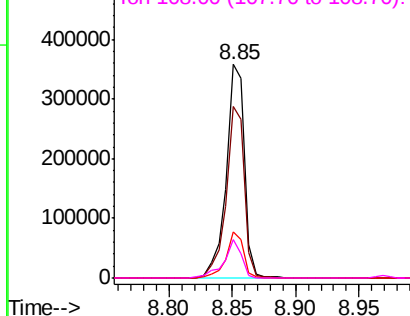
214 79.9 63.0 94.6

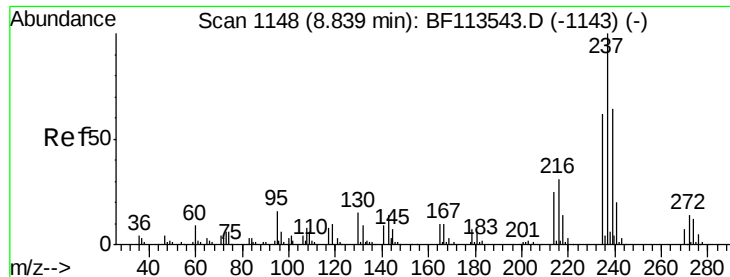
179 20.4 16.8 25.2

108 18.0 13.8 20.6



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: 85.642 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

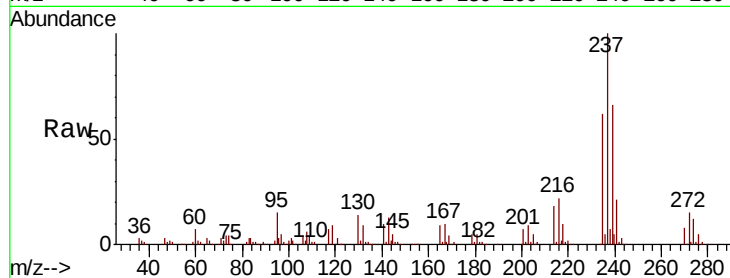
Tot Ion:237 Resp: 265793

Ion Ratio Lower Upper

237 100

235 62.4 43.4 83.4

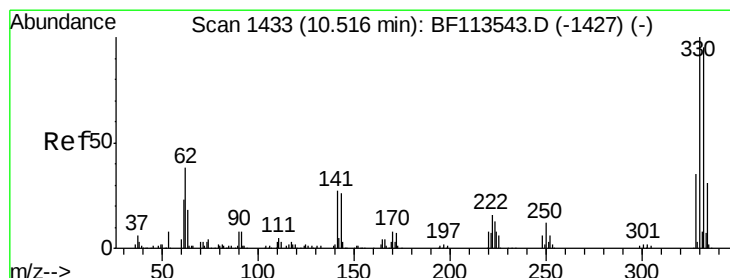
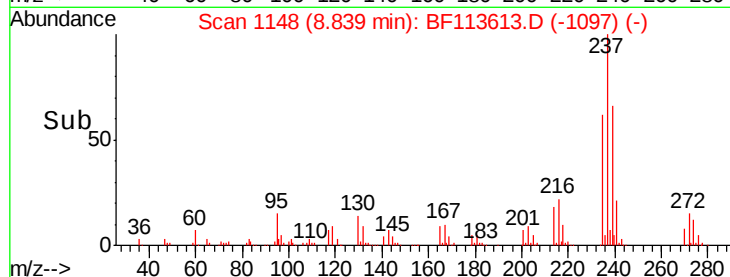
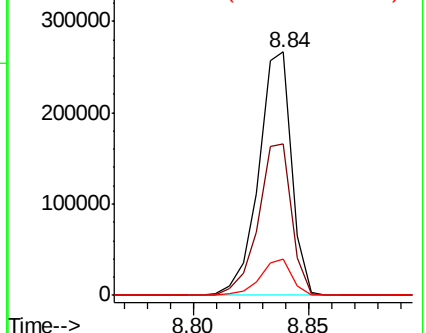
272 14.8 0.0 33.7



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: 127.069 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

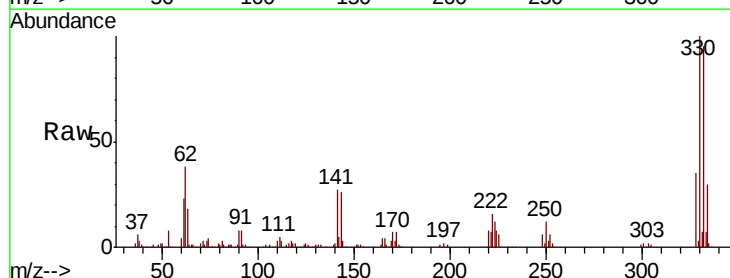
Tgt Ion:330 Resp: 413342

Ion Ratio Lower Upper

330 100

332 95.0 77.8 116.6

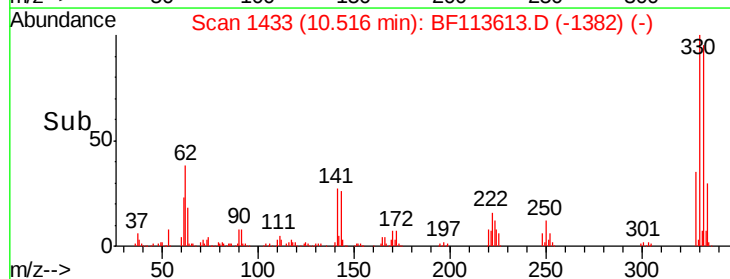
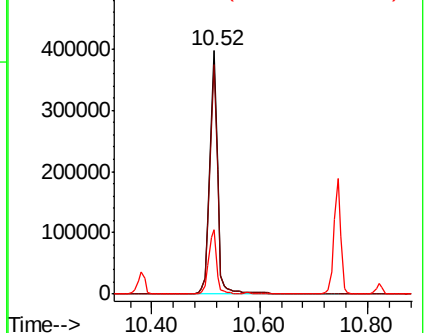
141 26.6 22.7 34.1

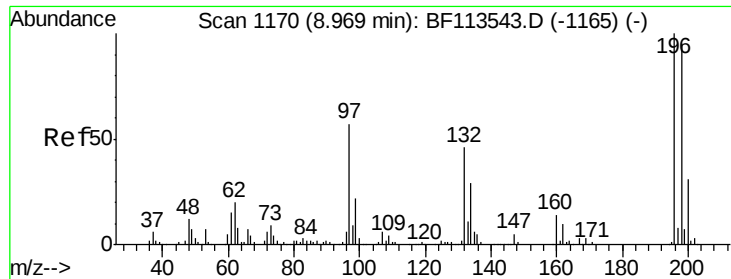


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

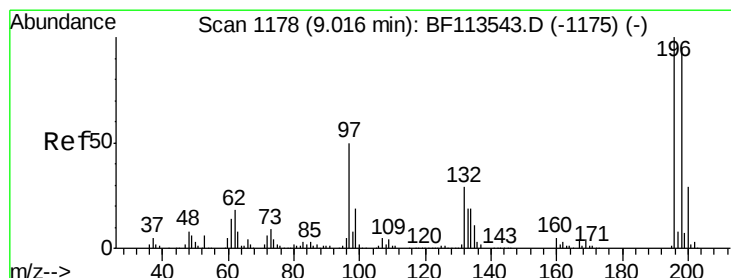
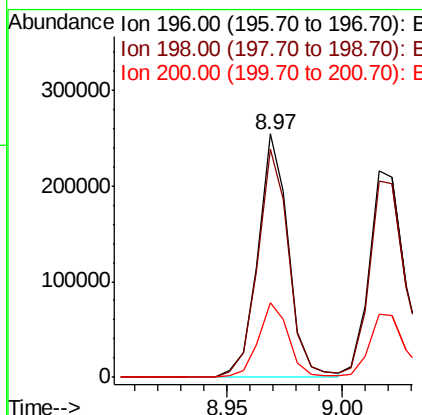
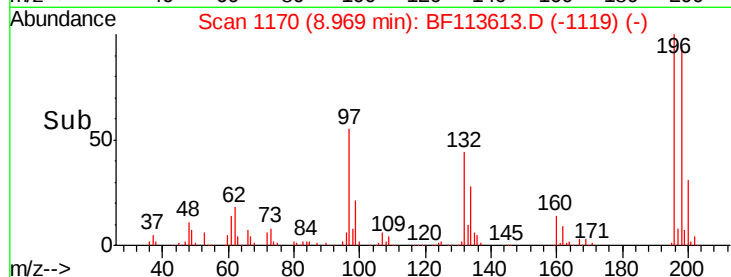
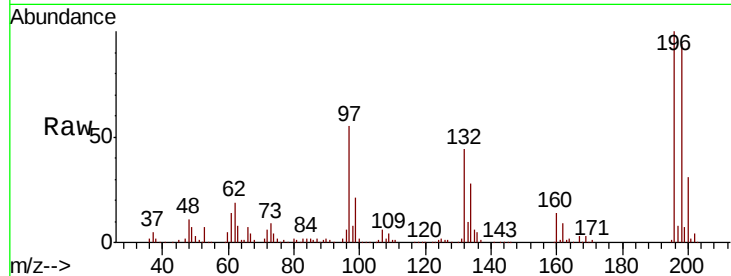




#43
 2,4,6-Trichlorophenol
 Concen: 42.476 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

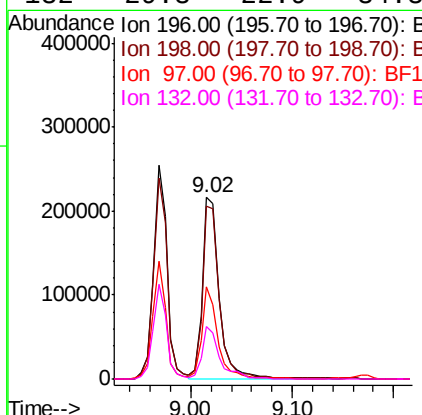
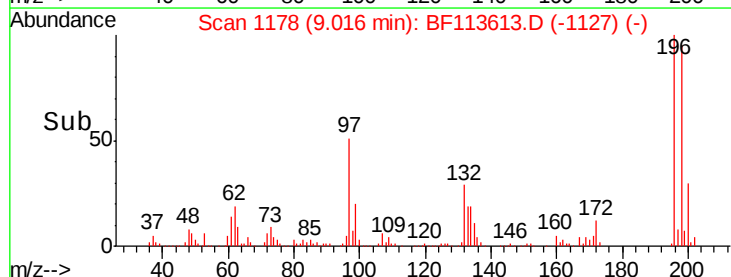
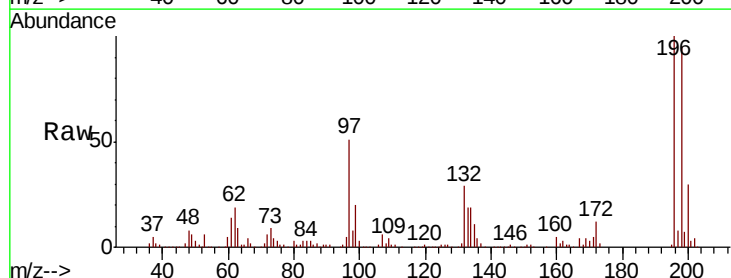
Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

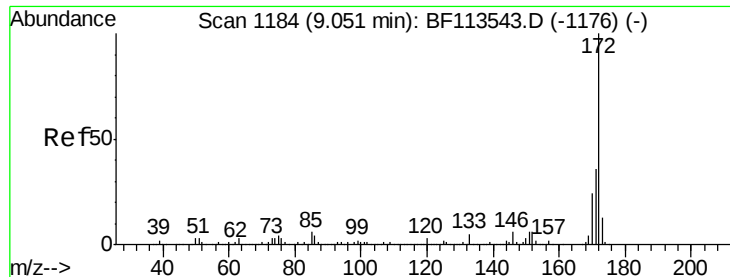
Tot Ion:196 Resp: 234809
 Ion Ratio Lower Upper
 196 100
 198 93.8 77.7 116.5
 200 30.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.831 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion:196 Resp: 248261
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.4 113.2
 97 51.0 38.6 58.0
 132 29.3 22.9 34.3



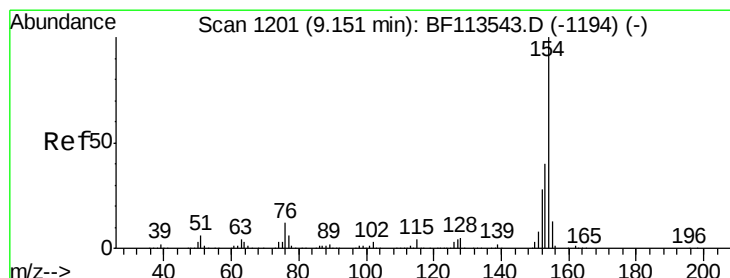
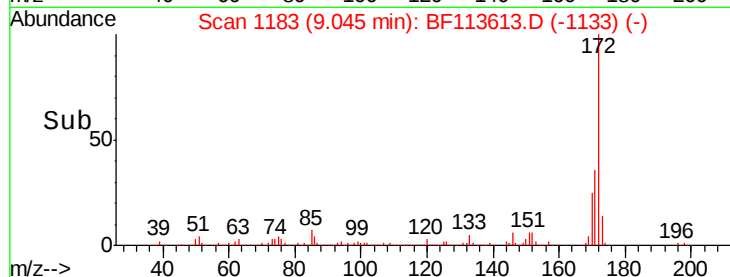
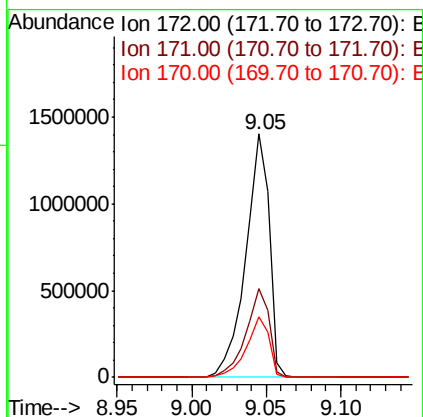
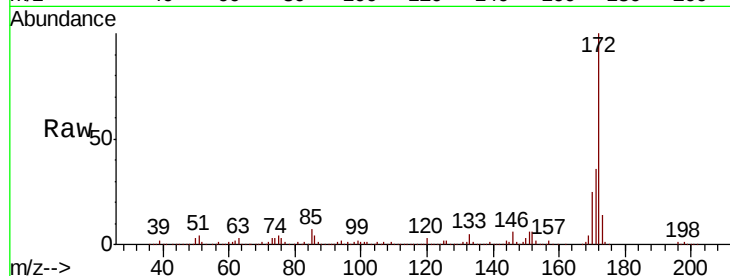


#45
 2-Fluorobiphenyl
 Concen: 90.851 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

Tot Ion:172 Resp: 1528176

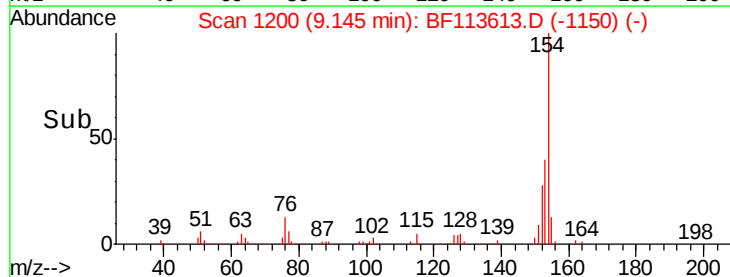
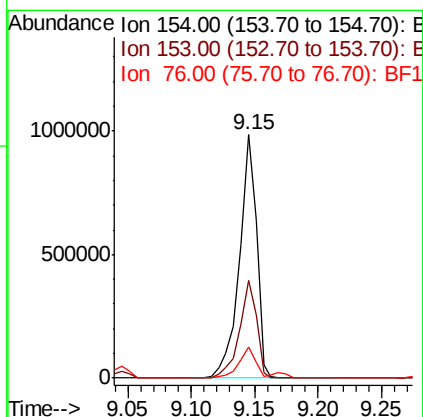
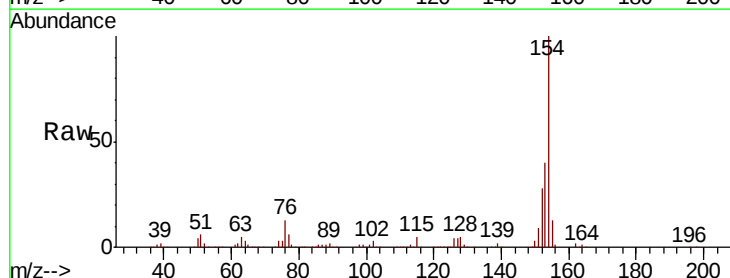
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.8	19.5	29.3

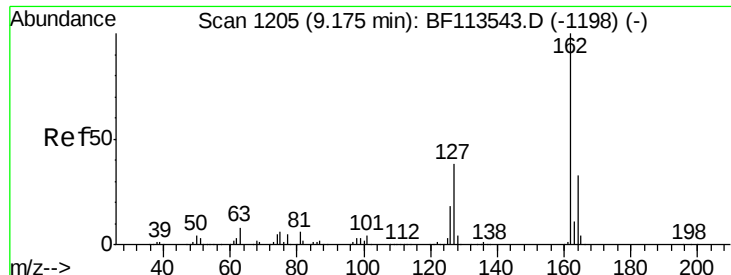


#46
 1,1'-Biphenyl
 Concen: 41.015 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion:154 Resp: 916497

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	12.6	0.0	31.9

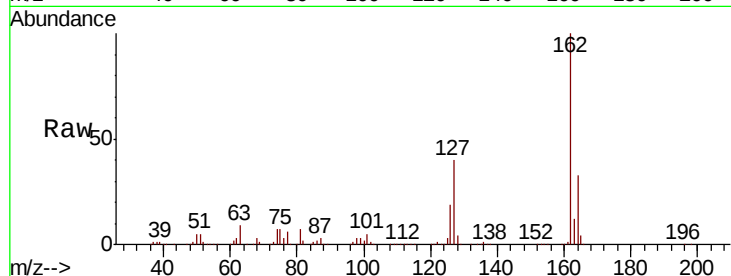




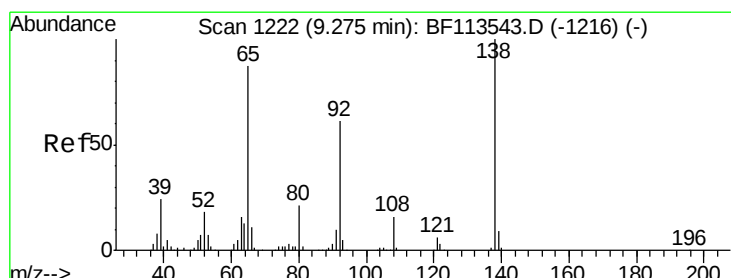
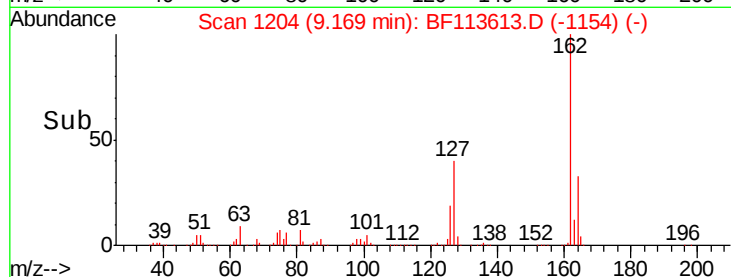
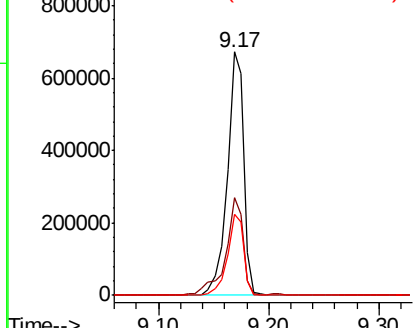
#47
 2-Chloronaphthalene
 Concen: 41.410 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.6	49.0
164	33.1	26.6	39.8

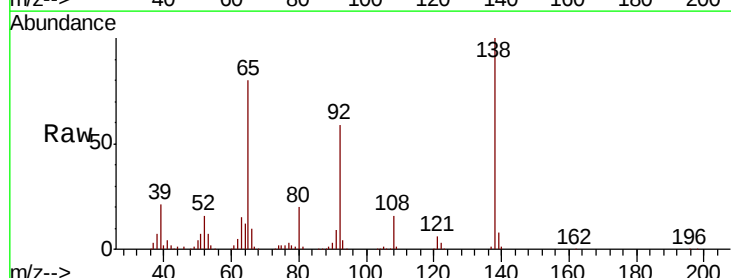


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

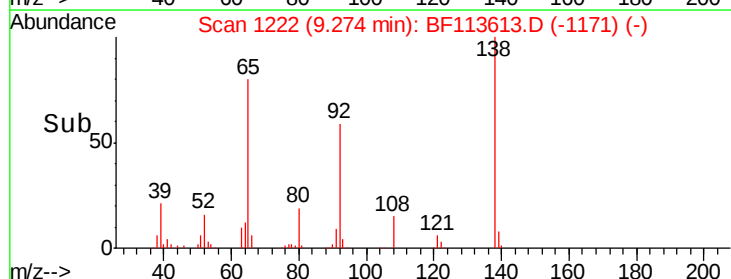
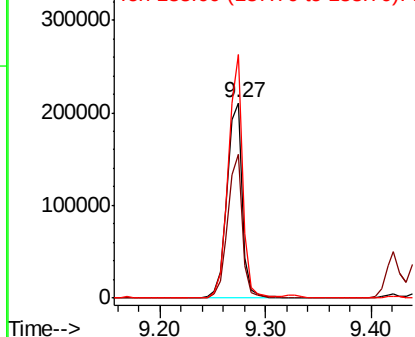


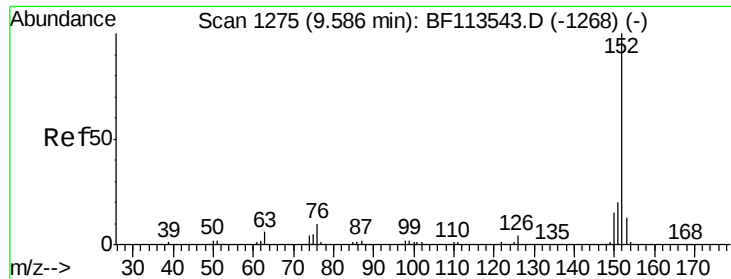
#48
 2-Nitroaniline
 Concen: 40.989 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	56.8	85.2
138	124.7	92.3	138.5



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: 39.943 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

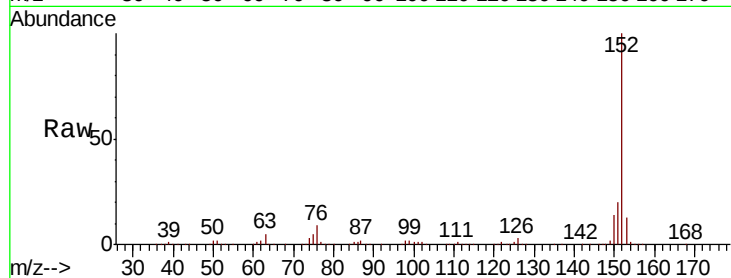
Tot Ion:152 Resp: 1098903

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

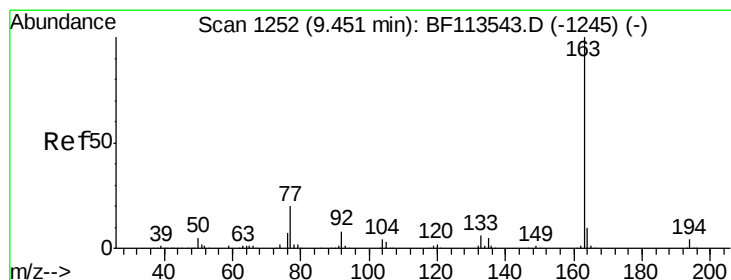
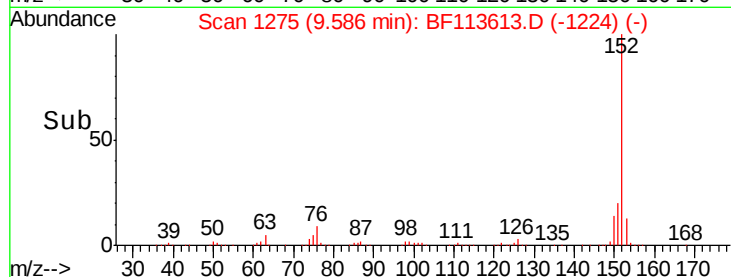
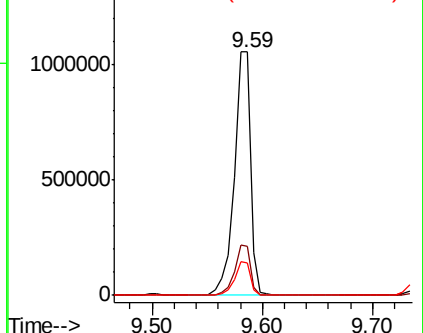
153 13.3 11.0 16.6



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: 41.246 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

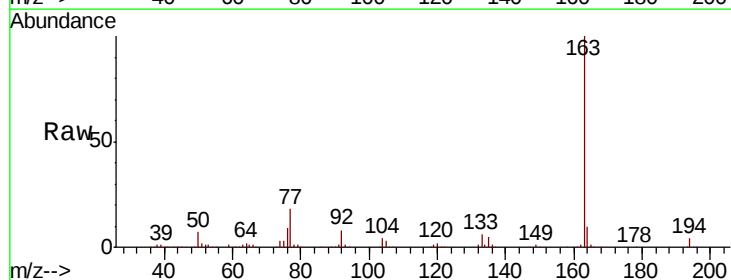
Tgt Ion:163 Resp: 823322

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

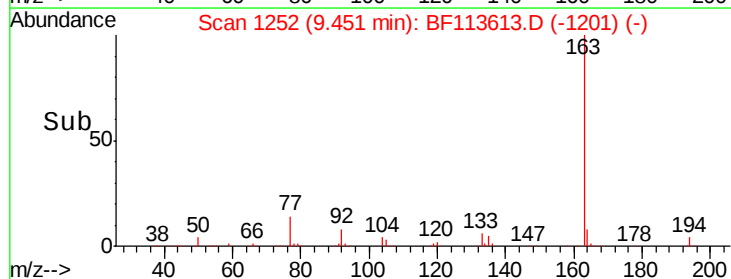
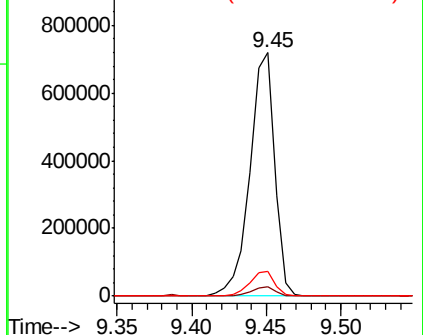
164 10.1 8.1 12.1

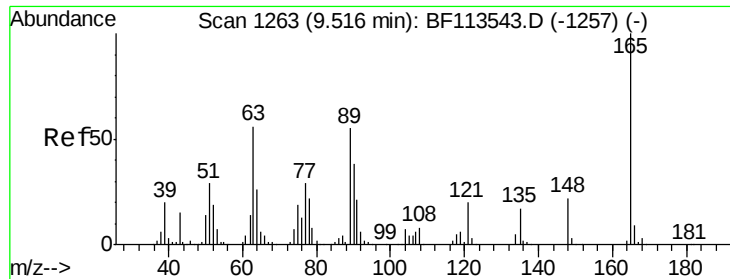


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.312 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

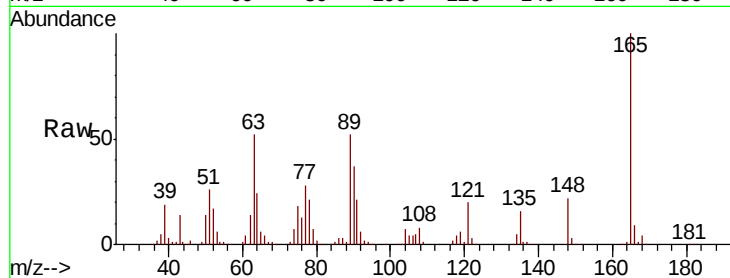
Tot Ion:165 Resp: 181775

Ion Ratio Lower Upper

165 100

63 52.2 43.4 65.0

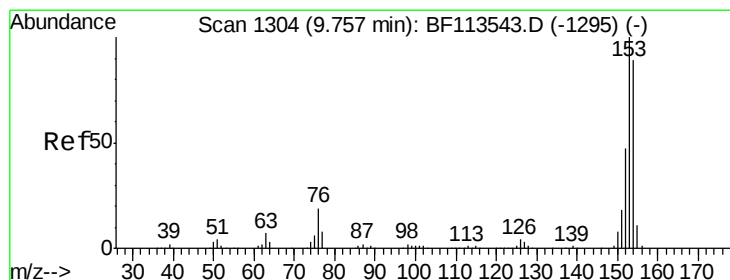
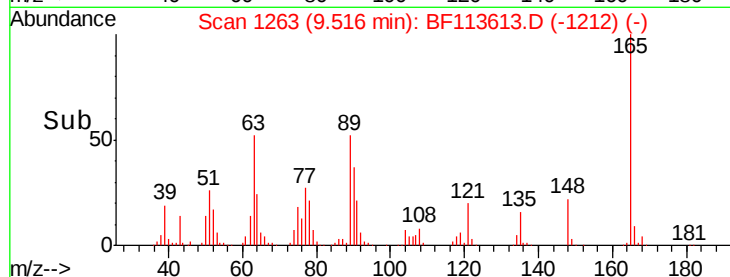
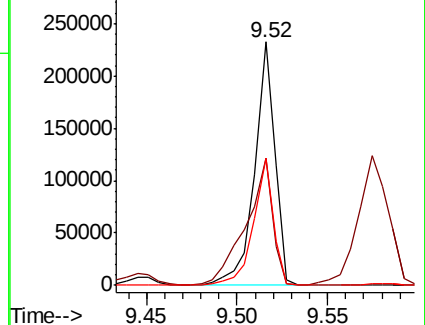
89 52.1 43.1 64.7



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: 40.948 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

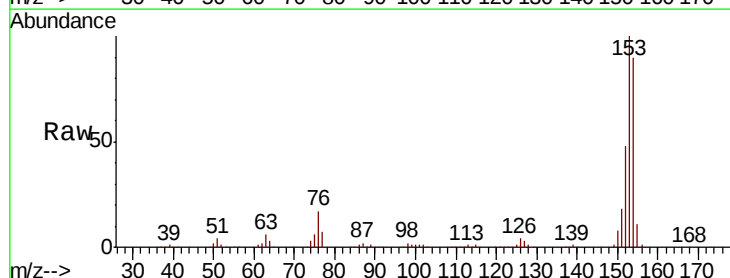
Tgt Ion:154 Resp: 644872

Ion Ratio Lower Upper

154 100

153 111.7 89.5 134.3

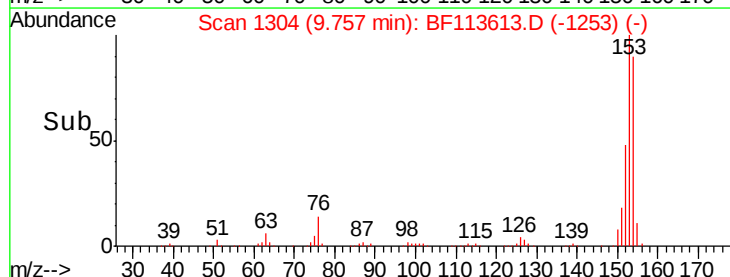
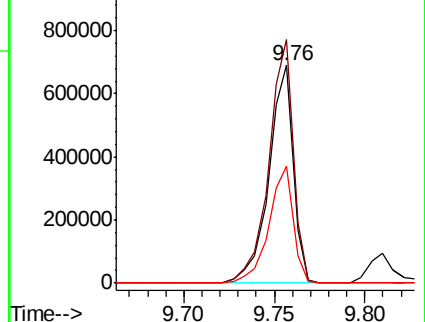
152 53.5 43.3 64.9

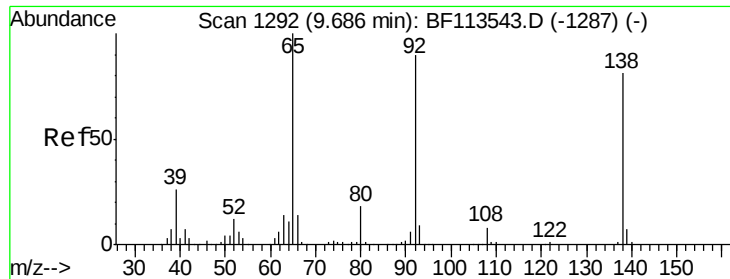


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

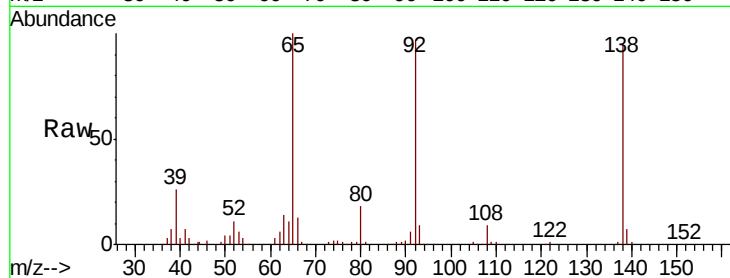




#53
 3-Nitroaniline
 Concen: 28.610 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.8	11.6
92	102.0	82.6	124.0

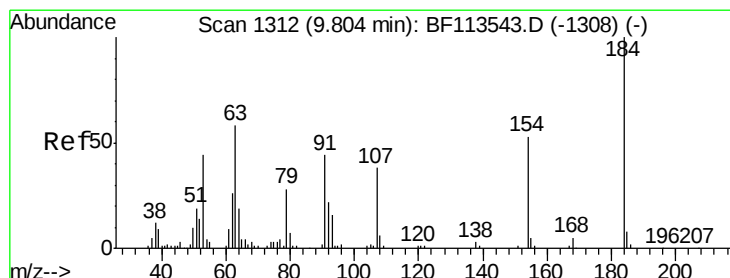
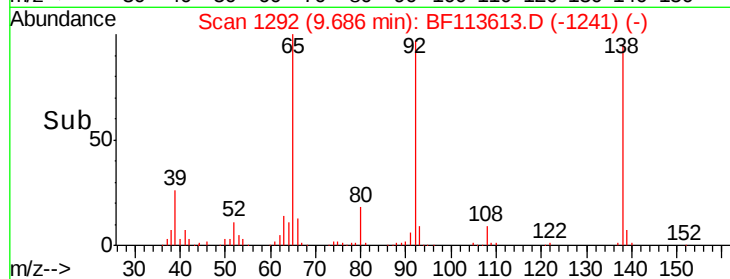
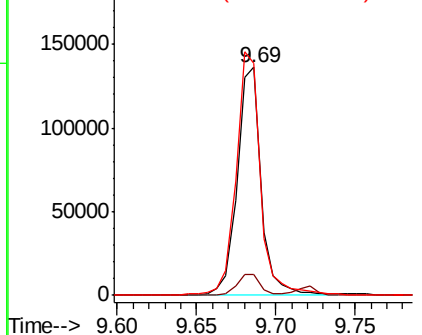


Abundance

Ion 138.00 (137.70 to 138.70): E

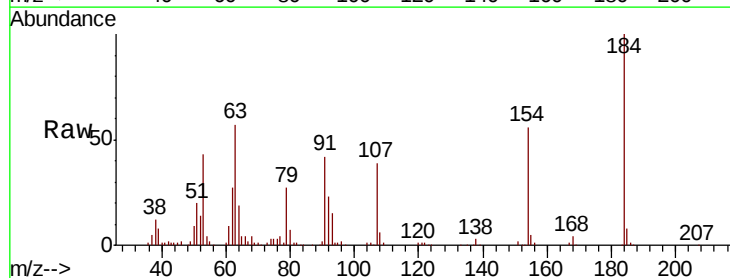
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 85.931 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.7	54.3	81.5
154	56.5	48.4	72.6

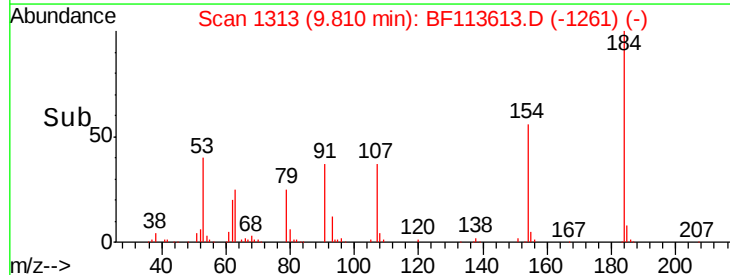
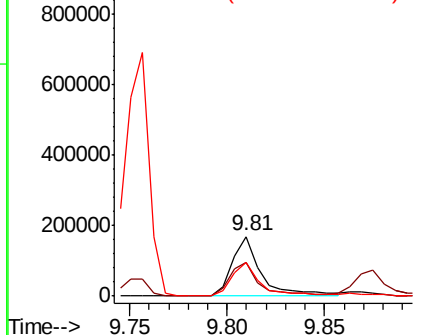


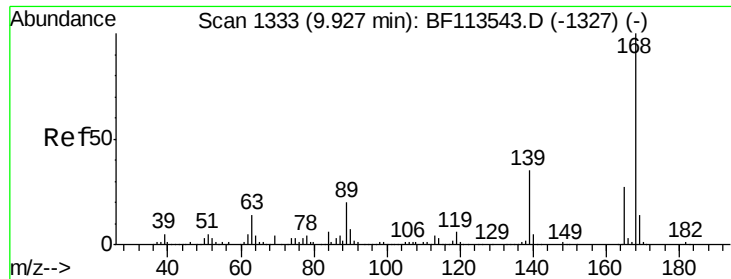
Abundance

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

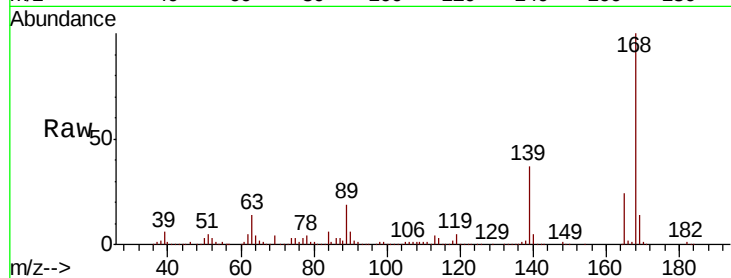




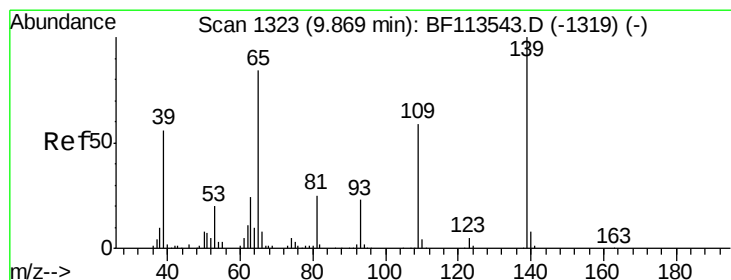
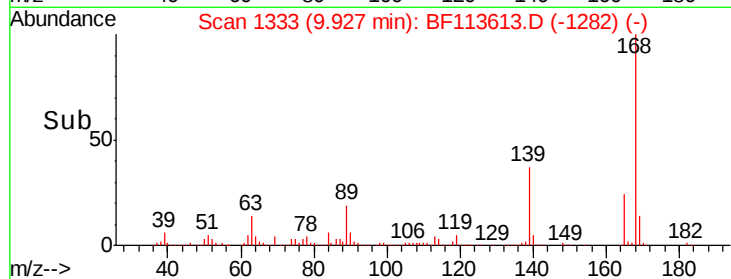
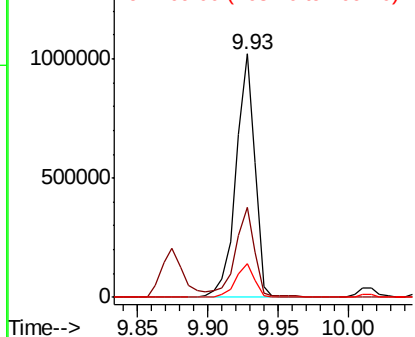
#55
Dibenzofuran
Concen: 40.890 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB118551BS

Tot Ion:168 Resp: 944603
Ion Ratio Lower Upper
168 100
139 37.1 29.7 44.5
169 13.7 10.7 16.1

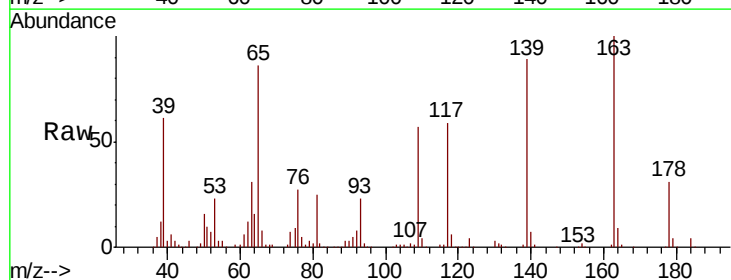


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

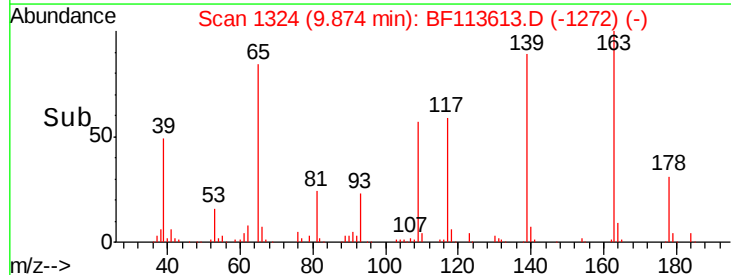
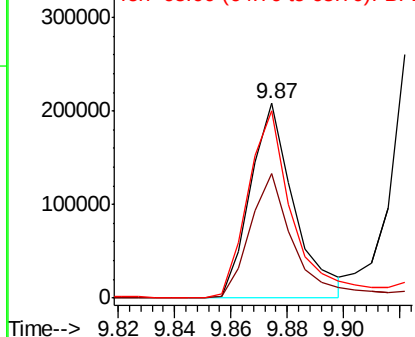


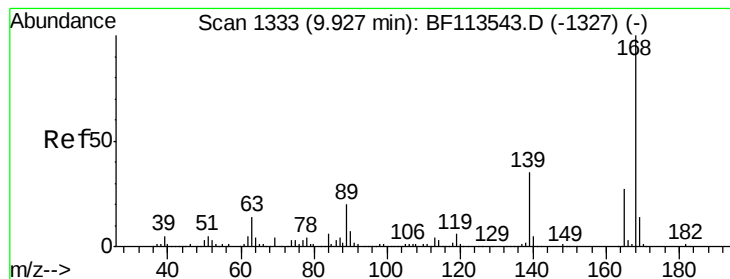
#56
4-Nitrophenol
Concen: 72.285 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion:139 Resp: 224316
Ion Ratio Lower Upper
139 100
109 63.9 46.9 86.9
65 96.0 77.2 117.2



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

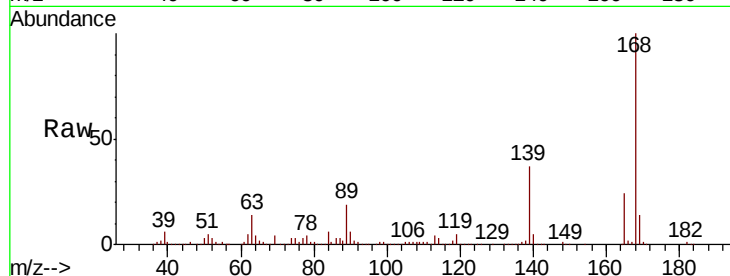




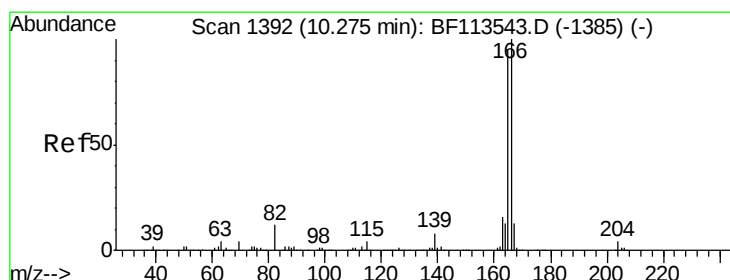
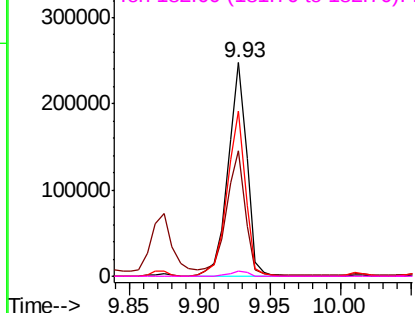
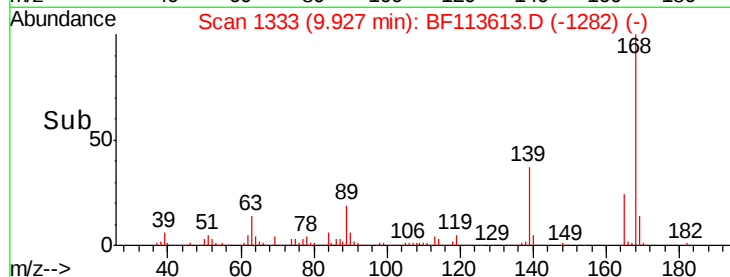
#57
 2,4-Dinitrotoluene
 Concen: 42.697 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

Tot Ion:165 Resp: 227212
 Ion Ratio Lower Upper
 165 100
 63 59.0 37.5 56.3#
 89 77.4 57.4 86.2
 182 2.4 2.0 3.0

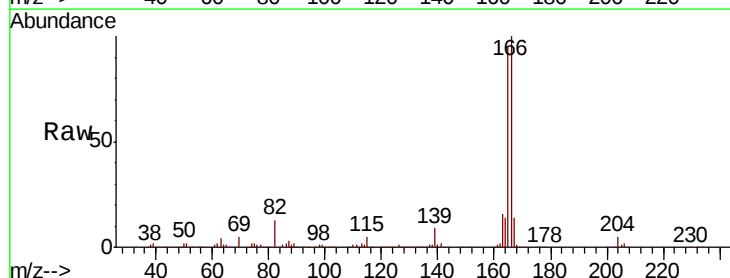


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

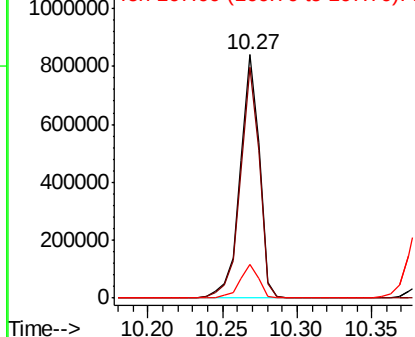
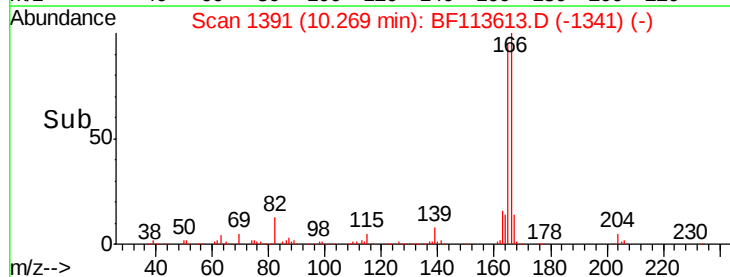


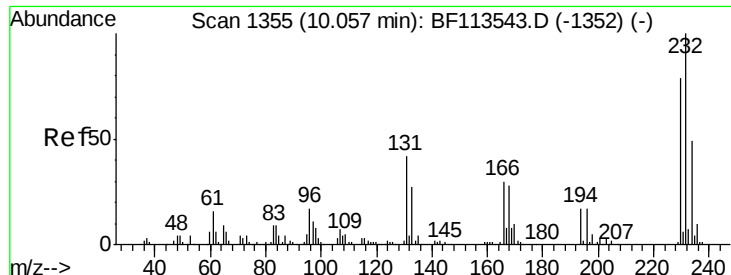
#58
 Fluorene
 Concen: 41.222 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion:166 Resp: 753177
 Ion Ratio Lower Upper
 166 100
 165 95.0 76.2 114.2
 167 13.7 10.7 16.1



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

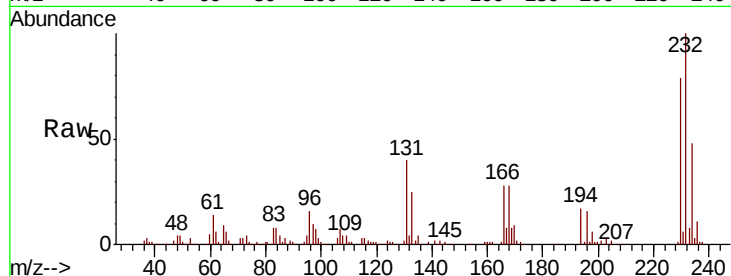




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.691 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	33.2	49.8
130	1.9	1.6	2.4
166	27.3	21.0	31.6



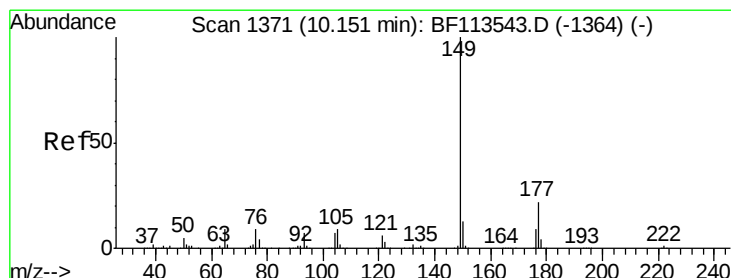
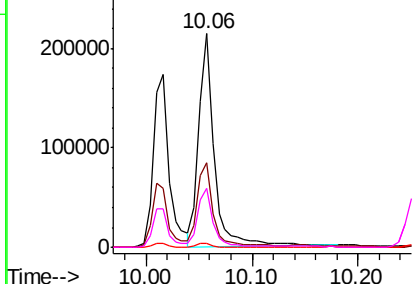
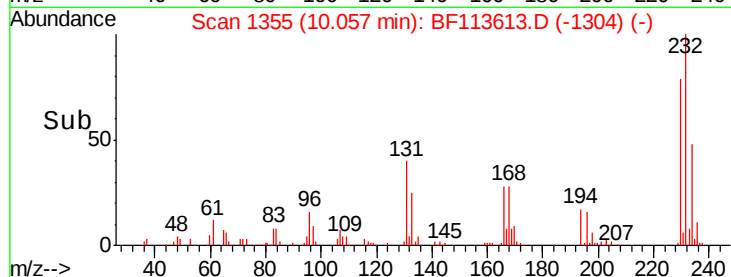
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

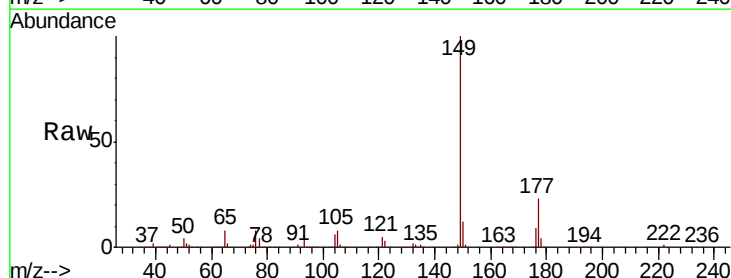
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.627 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.4	26.0
150	12.3	10.0	15.0

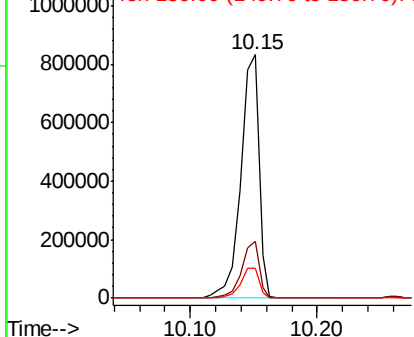
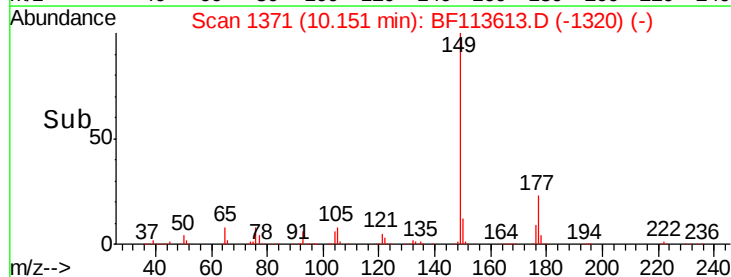


Abundance

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

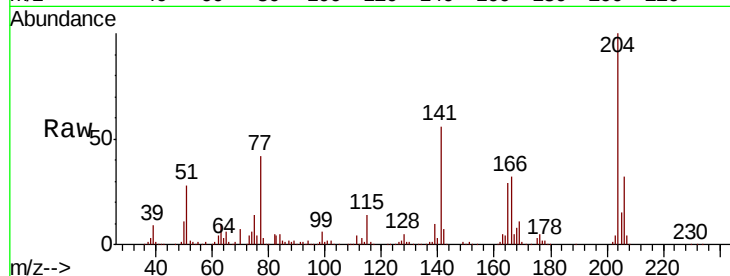




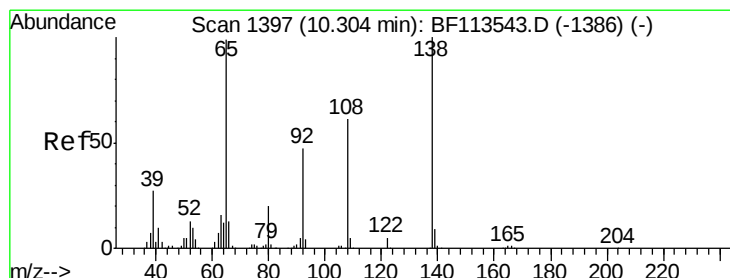
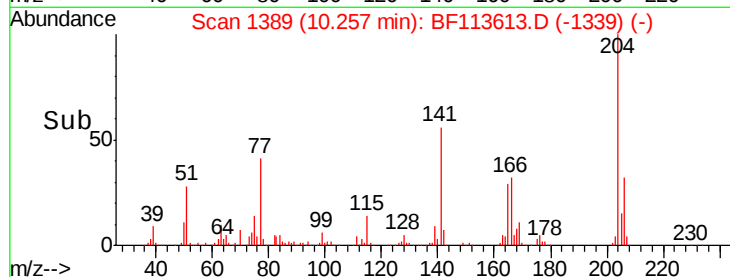
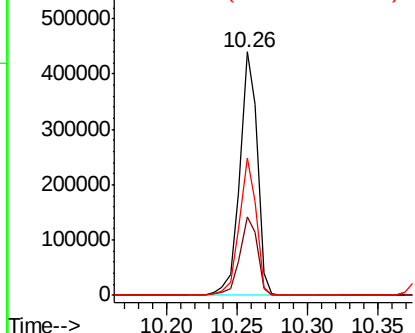
#61
4-Chlorophenyl-phenylether
Concen: 42.162 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB118551BS

Tot Ion:204 Resp: 378910
Ion Ratio Lower Upper
204 100
206 32.4 26.9 40.3
141 56.5 48.8 73.2

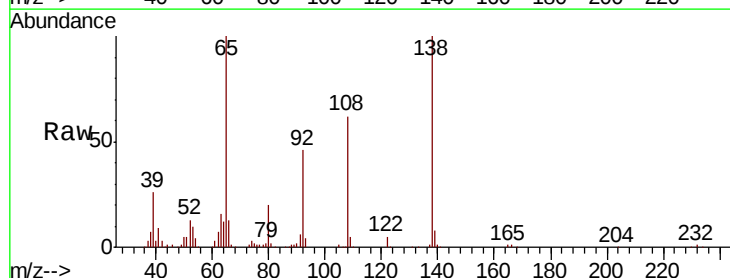


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

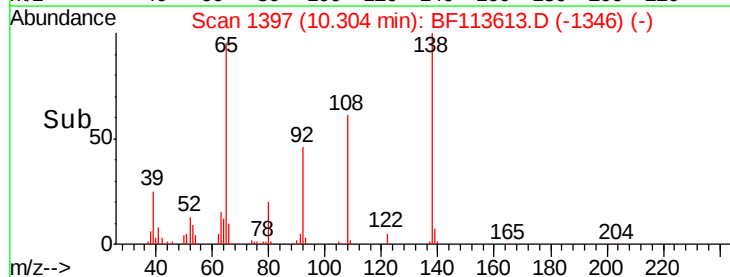
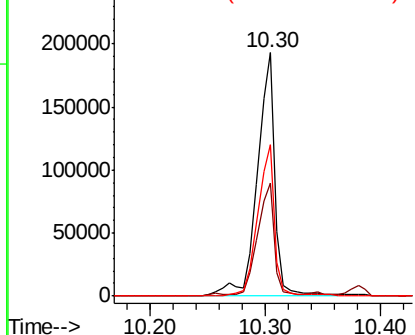


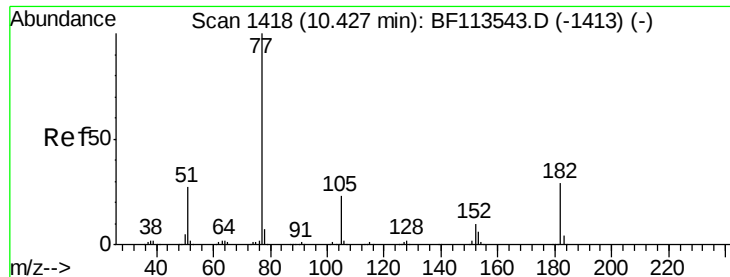
#62
4-Nitroaniline
Concen: 40.633 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion:138 Resp: 206699
Ion Ratio Lower Upper
138 100
92 46.3 25.8 65.8
108 62.2 44.0 84.0



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

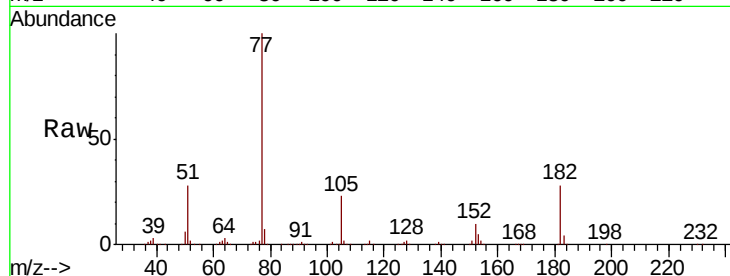




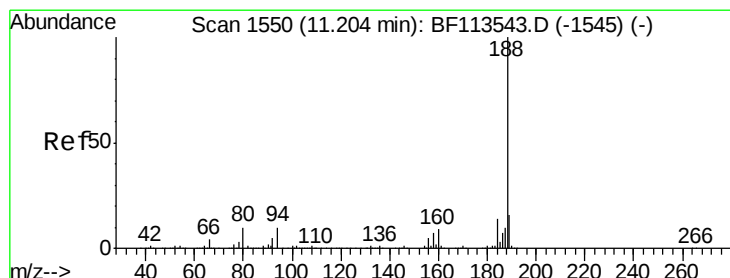
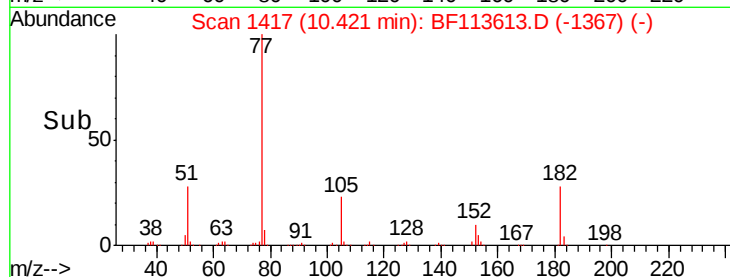
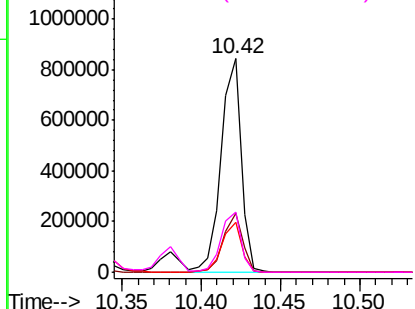
#63
Azobenzene
Concen: 40.862 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB118551BS

Tot Ion:	77	Resp:	744606
Ion	Ratio	Lower	Upper
77	100		
182	27.9	8.7	48.7
105	23.3	2.9	42.9
51	28.2	8.8	48.8

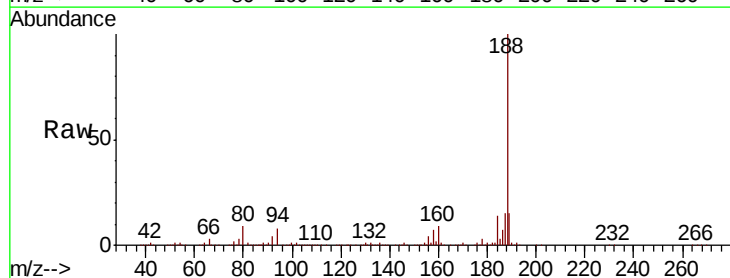


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

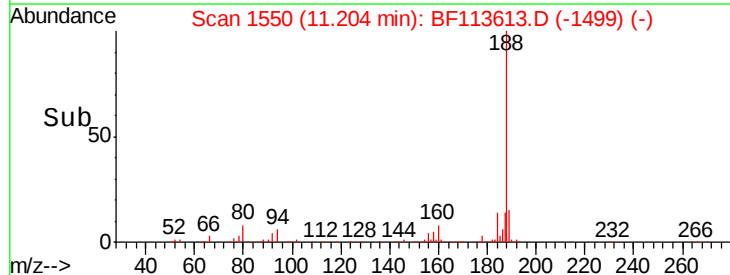
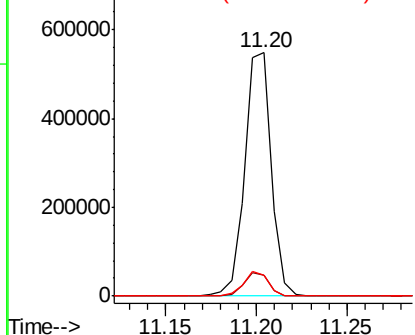


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion:	188	Resp:	553674
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	8.7	7.7	11.5



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

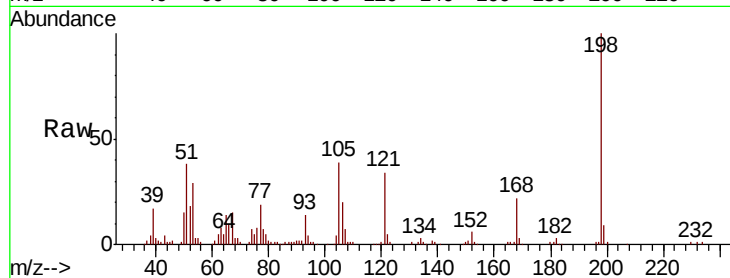




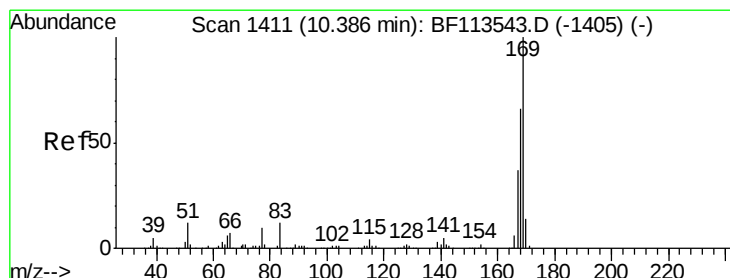
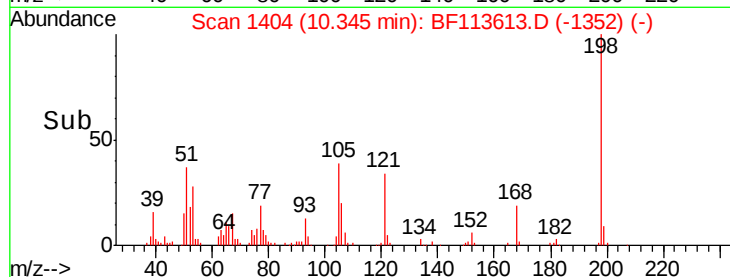
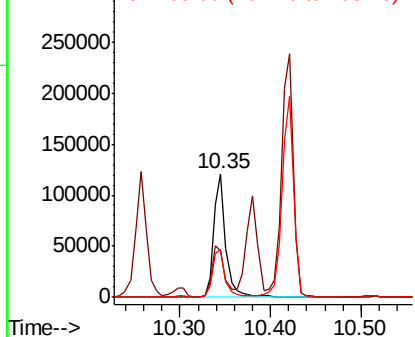
#65
4,6-Dinitro-2-methylphenol
Concen: 38.757 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB118551BS

Tot Ion:198 Resp: 112972
Ion Ratio Lower Upper
198 100
51 37.7 21.6 61.6
105 38.7 20.6 60.6

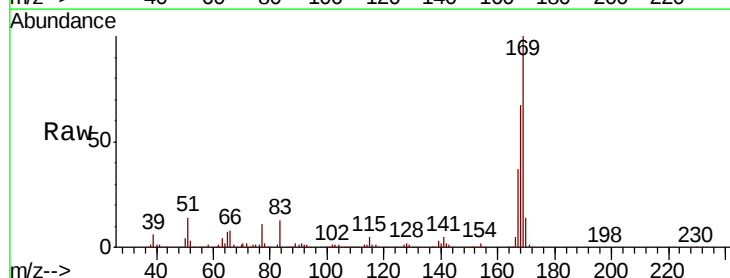


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

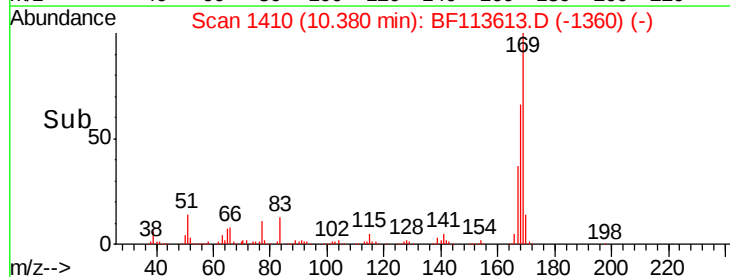
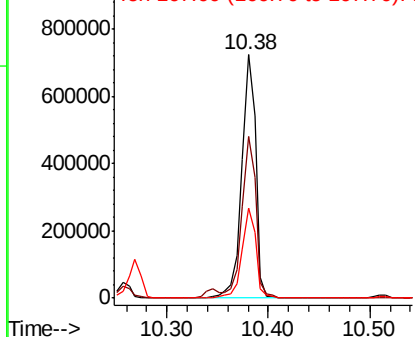


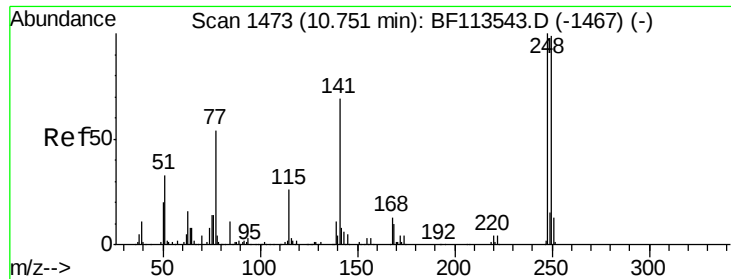
#66
n-Nitrosodiphenylamine
Concen: 40.702 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion:169 Resp: 691839
Ion Ratio Lower Upper
169 100
168 66.6 53.7 80.5
167 37.2 29.5 44.3



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

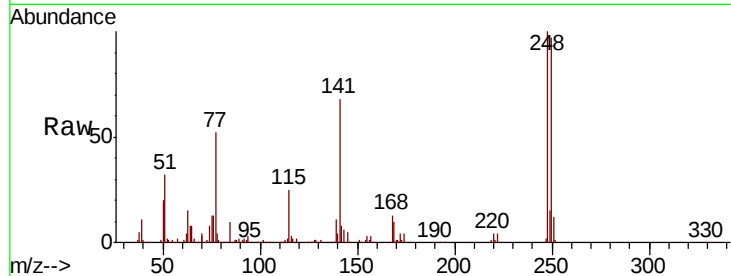




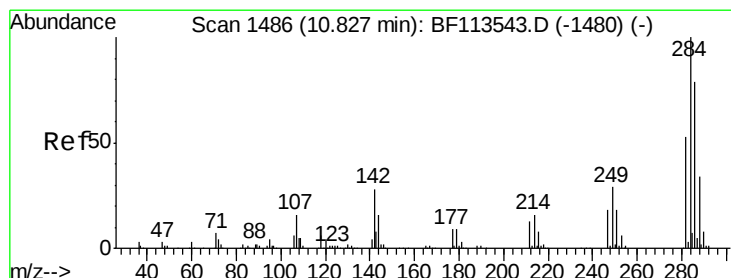
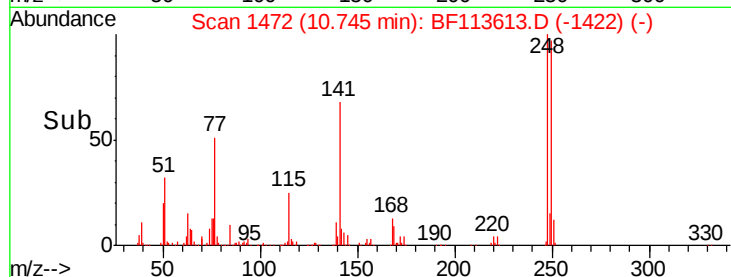
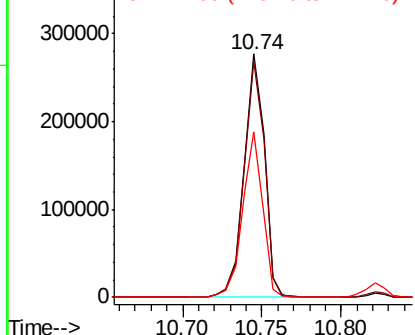
#67
4-Bromophenyl-phenylether
Concen: 39.915 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB118551BS

Tot Ion:248 Resp: 247862
Ion Ratio Lower Upper
248 100
250 96.9 78.3 117.5
141 68.0 56.2 84.4

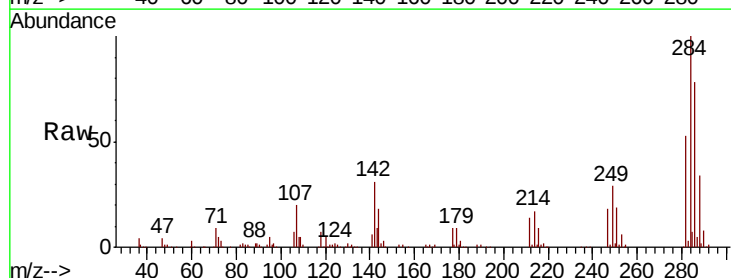


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

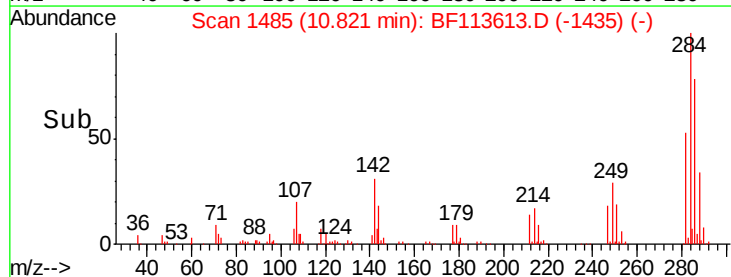
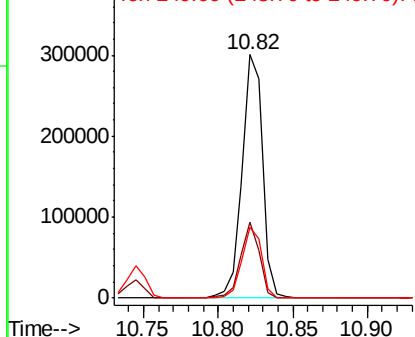


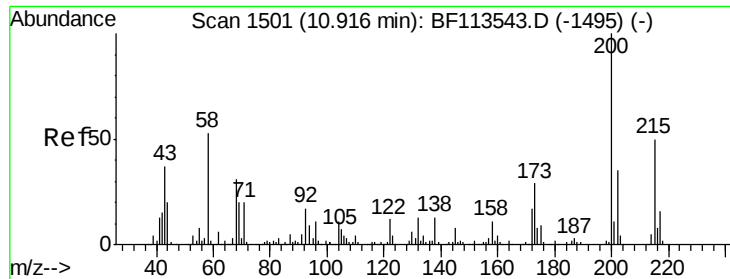
#68
Hexachlorobenzene
Concen: 40.246 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion:284 Resp: 286356
Ion Ratio Lower Upper
284 100
142 31.0 20.1 30.1#
249 29.0 22.7 34.1



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

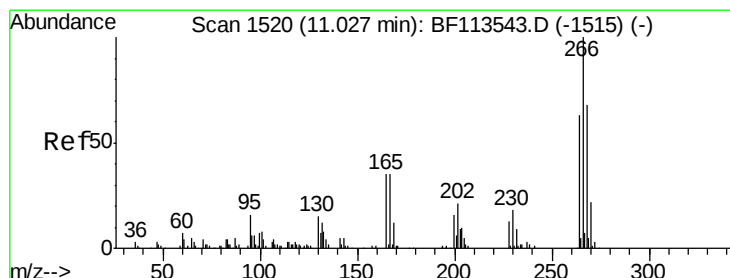
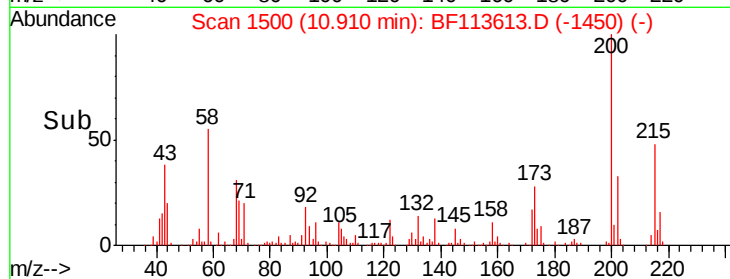
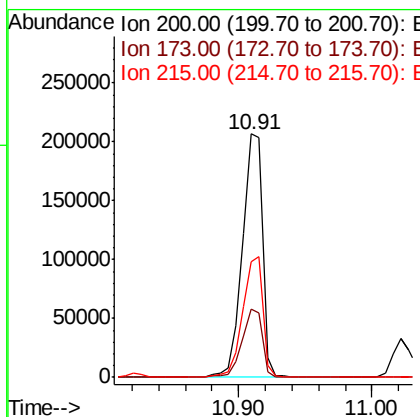
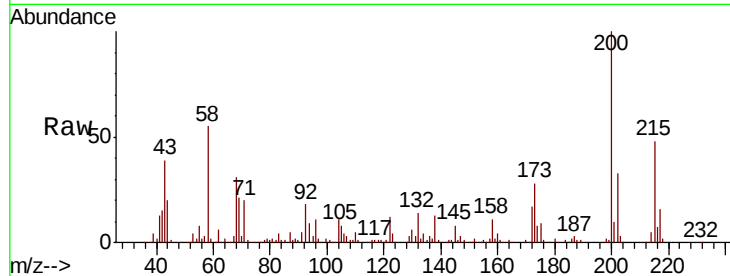




#69
Atrazine
Concen: 40.457 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

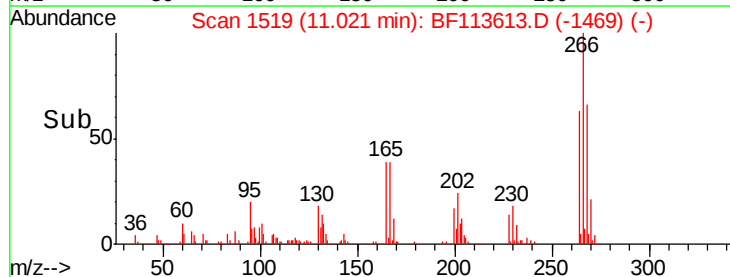
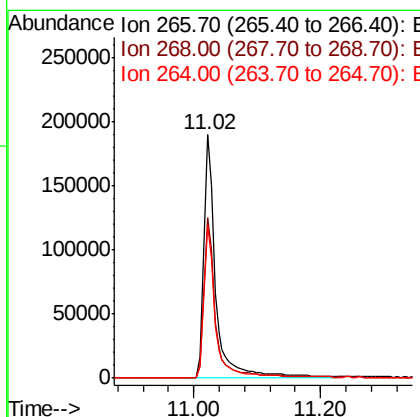
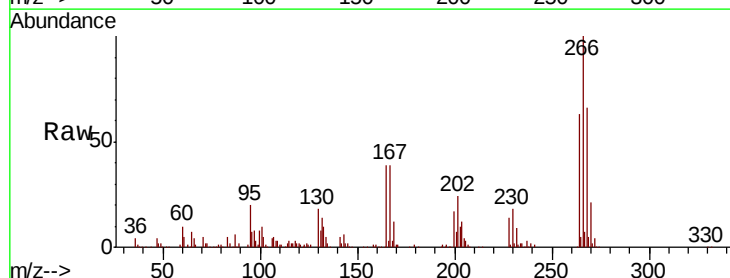
Instrument :
BNA_F
ClientSampleId :
PB118551BS

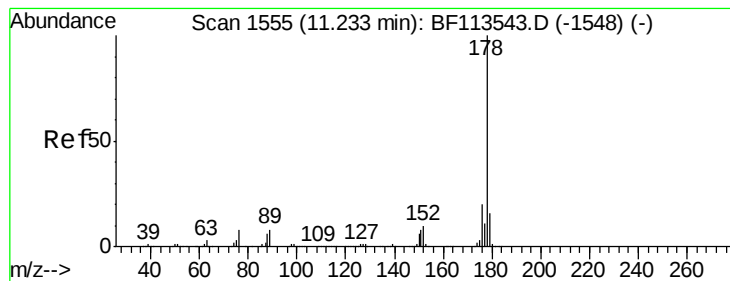
Tot Ion:200 Resp: 216751
Ion Ratio Lower Upper
200 100
173 27.8 6.0 46.0
215 47.6 31.3 71.3



#70
Pentachlorophenol
Concen: 74.719 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion:266 Resp: 250516
Ion Ratio Lower Upper
266 100
268 65.7 53.8 80.6
264 62.7 49.2 73.8





#71

Phenanthrene

Concen: 40.278 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

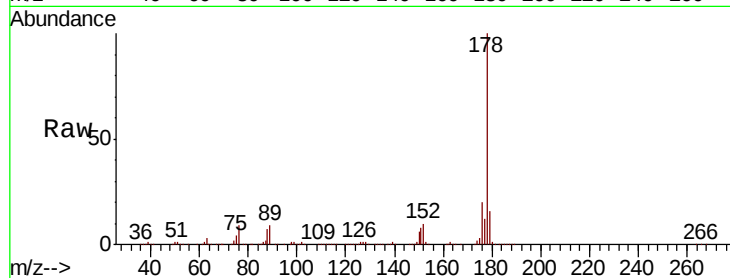
Tot Ion:178 Resp: 1108141

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.2

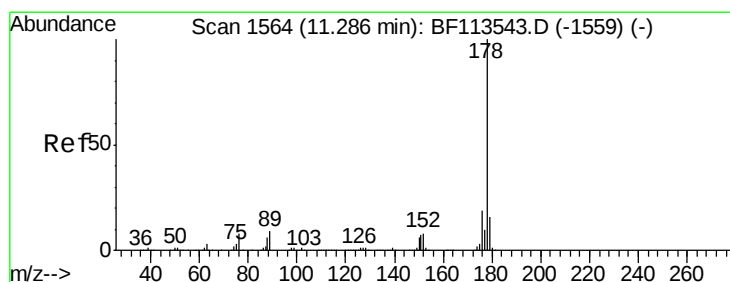
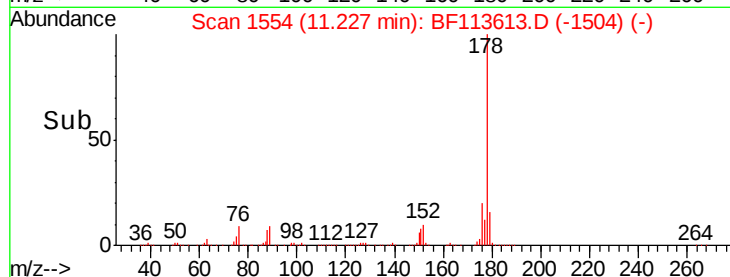
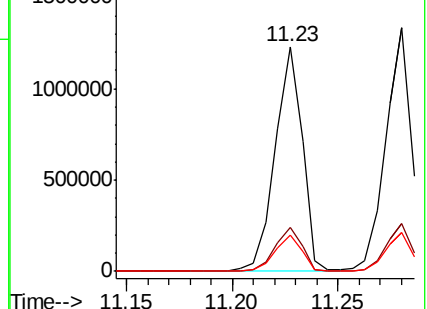
179 16.1 12.7 19.1



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: 41.233 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

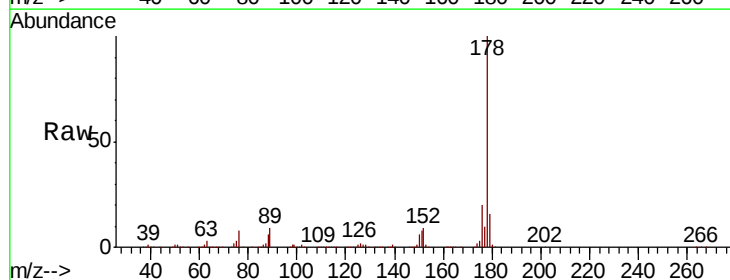
Tgt Ion:178 Resp: 1154200

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

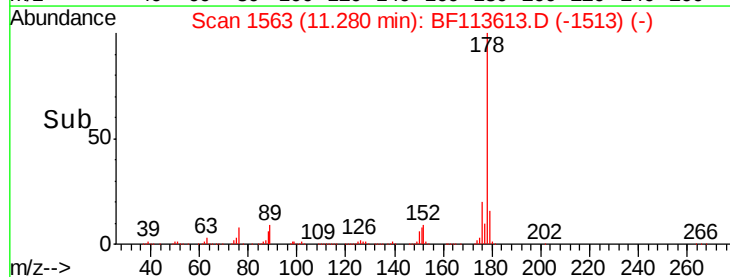
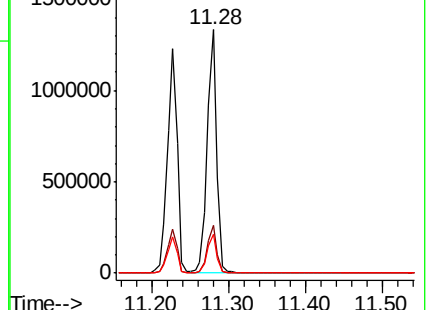
179 16.1 12.8 19.2

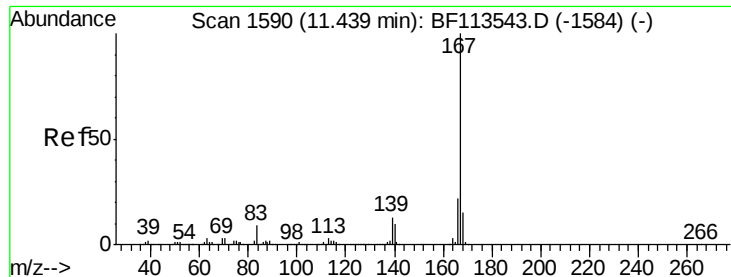


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.111 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

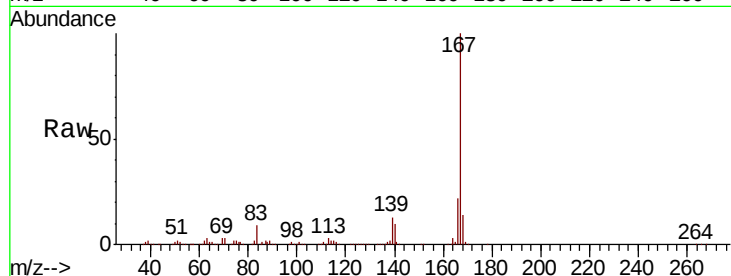
Tot Ion:167 Resp: 1076301

Ion Ratio Lower Upper

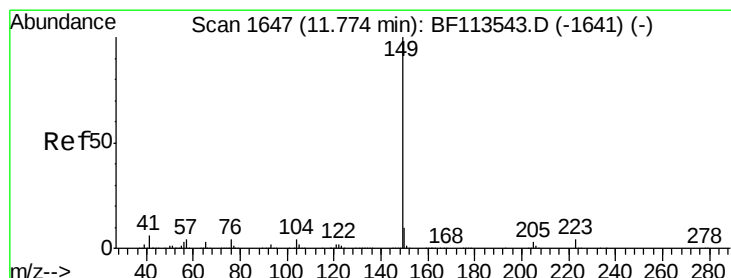
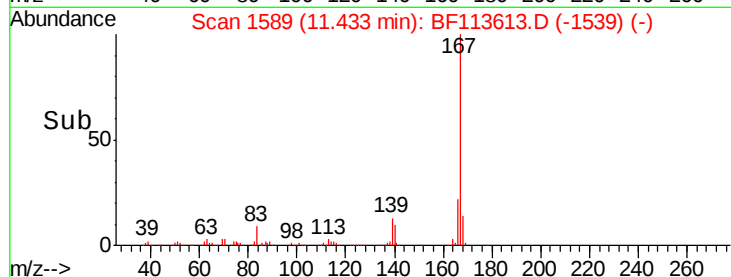
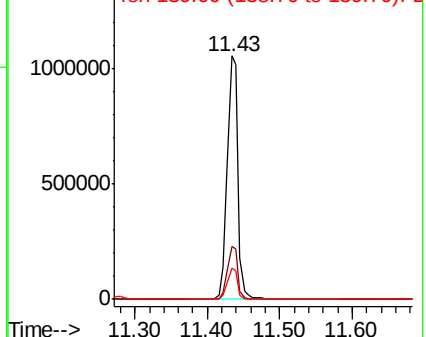
167 100

166 21.7 17.4 26.0

139 13.0 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.658 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

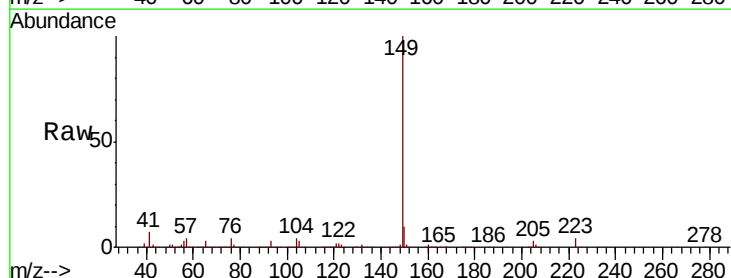
Tgt Ion:149 Resp: 1297394

Ion Ratio Lower Upper

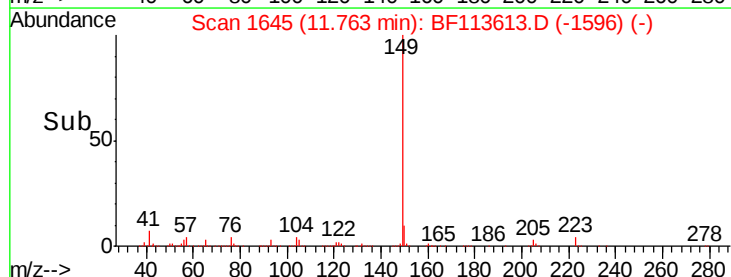
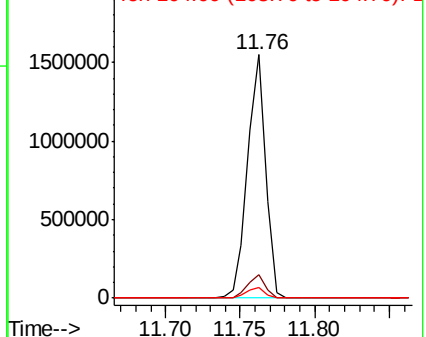
149 100

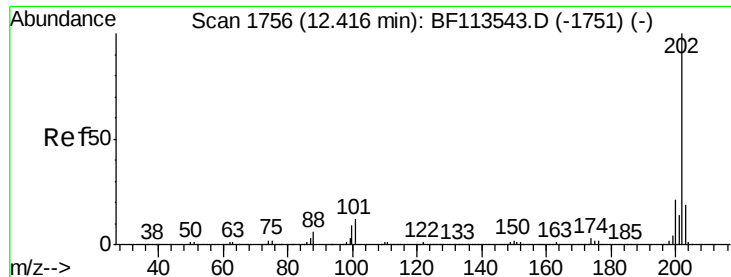
150 9.6 7.7 11.5

104 4.3 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

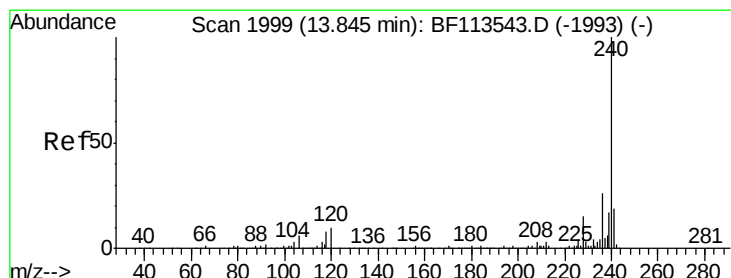
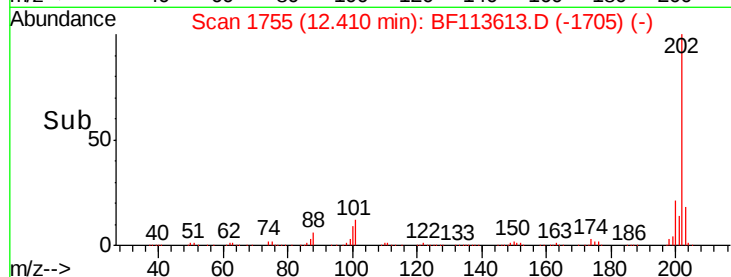
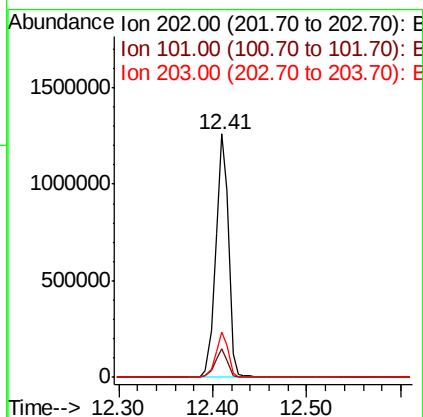
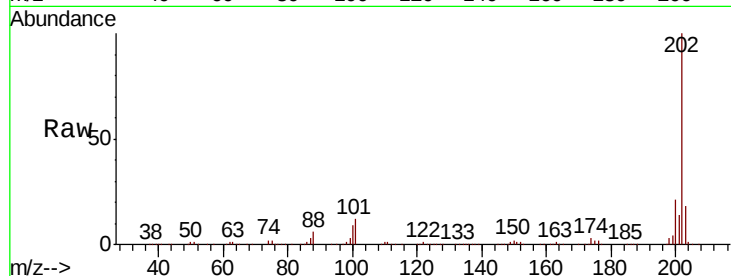




#75
 Fluoranthene
 Concen: 40.924 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

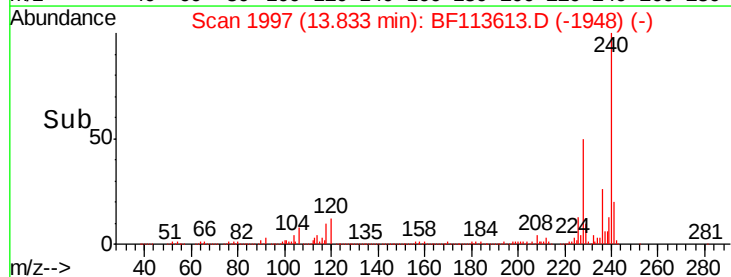
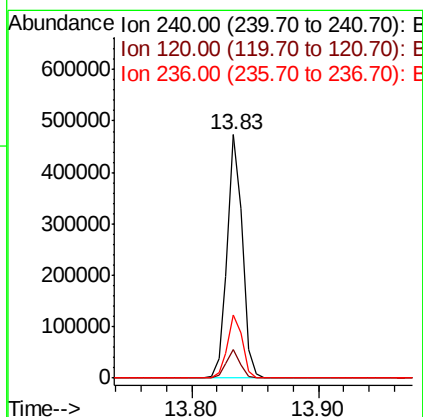
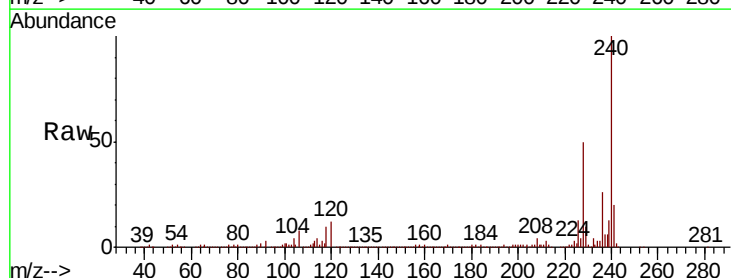
Instrument :
 BNA_F
 ClientSampleId :
 PB118551BS

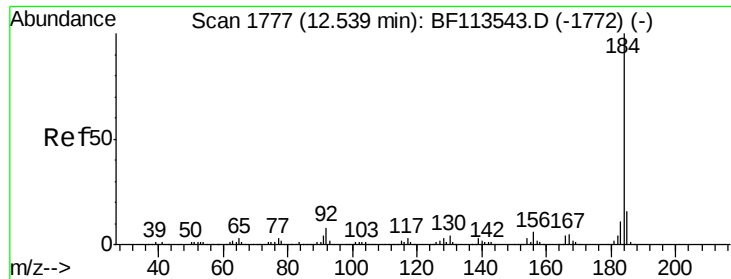
Tot Ion:202 Resp: 1206521
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 31.4
 203 18.3 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113613.D
 Acq: 5 Apr 2019 10:17

Tgt Ion:240 Resp: 393661
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.8 13.2
 236 26.1 20.9 31.3





#77

Benzidine

Concen: 39.187 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

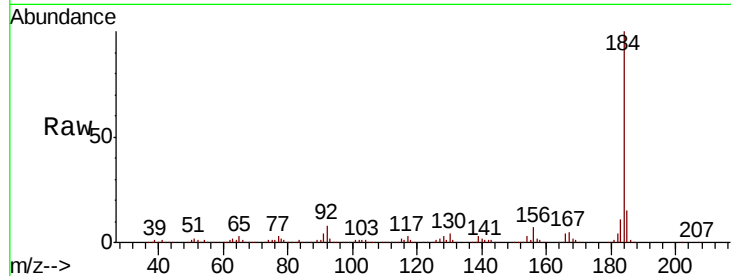
Tot Ion:184 Resp: 573658

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

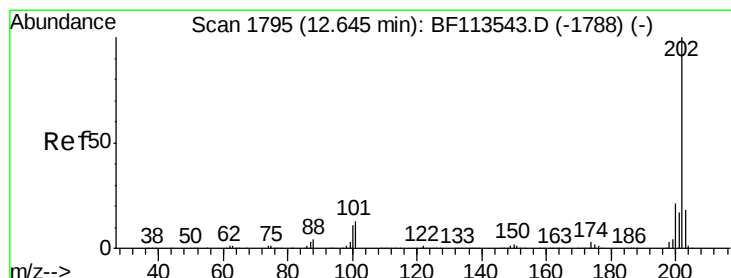
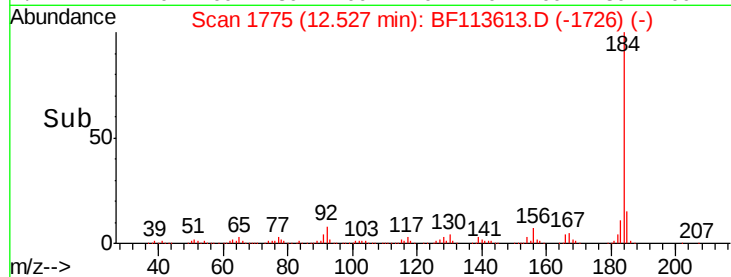
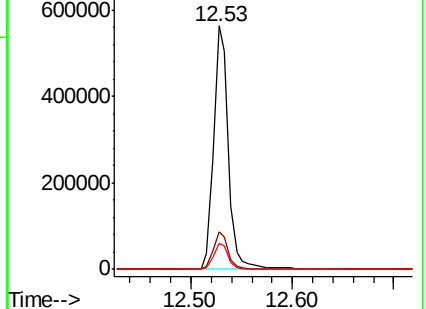
183 10.8 9.0 13.4



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: 40.351 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

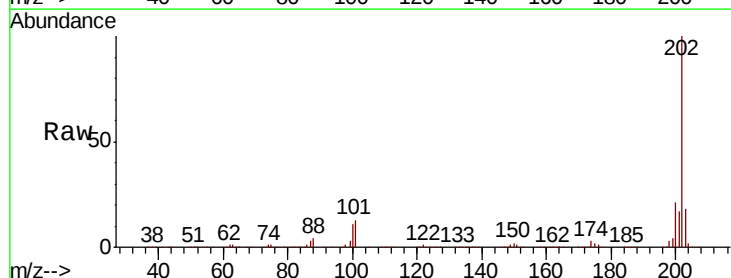
Tgt Ion:202 Resp: 1208643

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

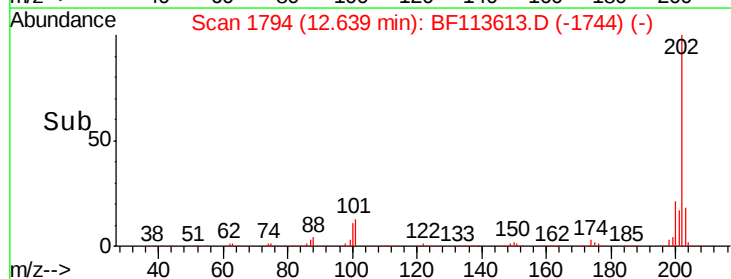
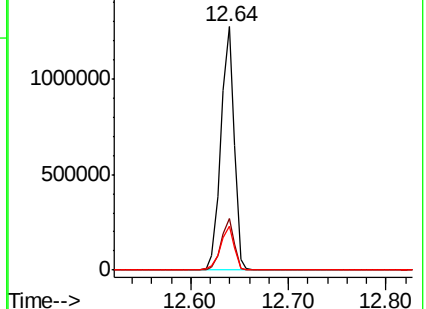
203 18.1 14.4 21.6



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: 87.623 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

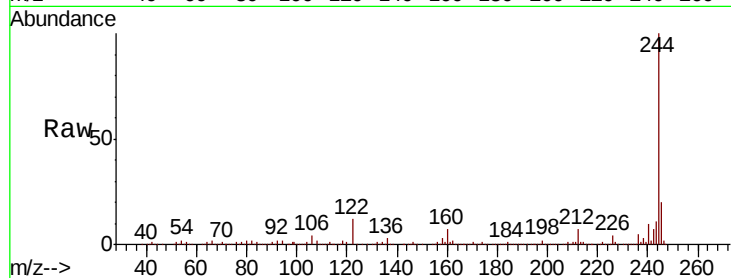
Tot Ion:244 Resp: 1694174

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

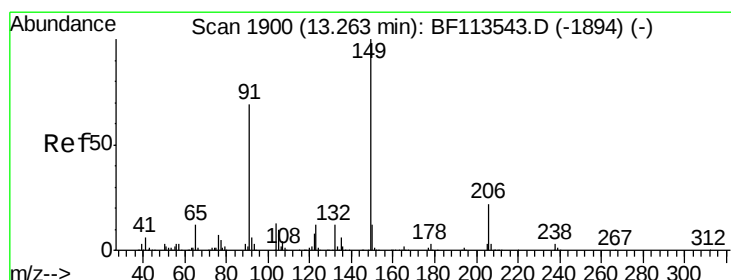
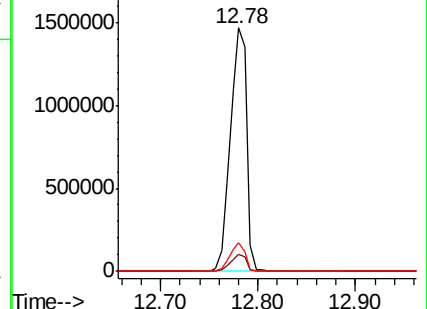
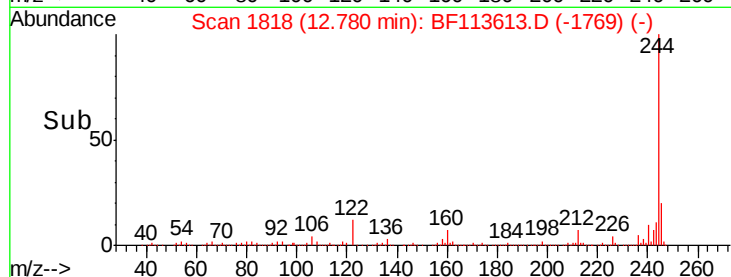
122 11.6 8.6 13.0



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: 42.844 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

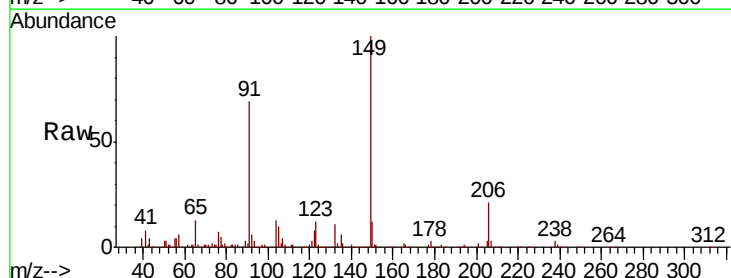
Tgt Ion:149 Resp: 522390

Ion Ratio Lower Upper

149 100

91 68.5 55.2 82.8

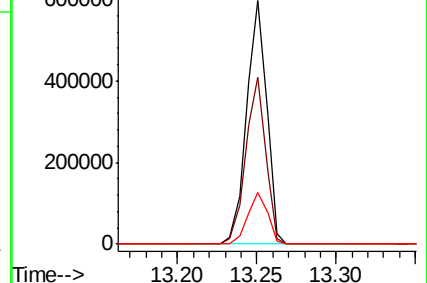
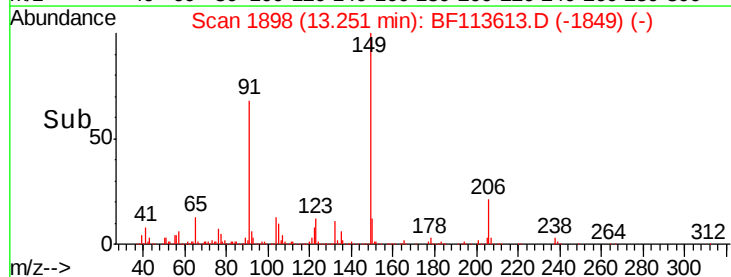
206 21.2 16.1 24.1

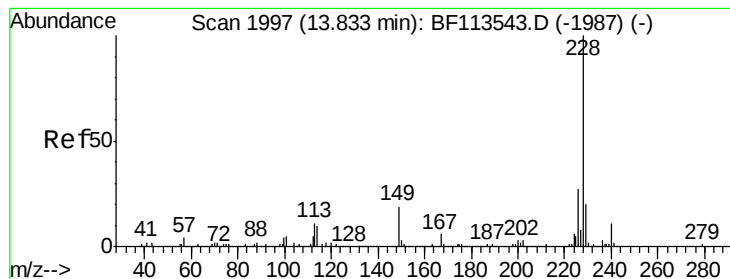


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.767 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

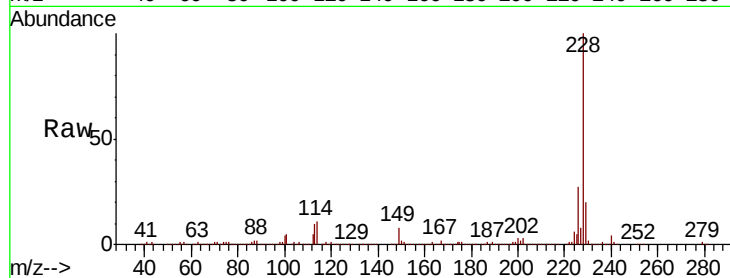
Tot Ion:228 Resp: 903044

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

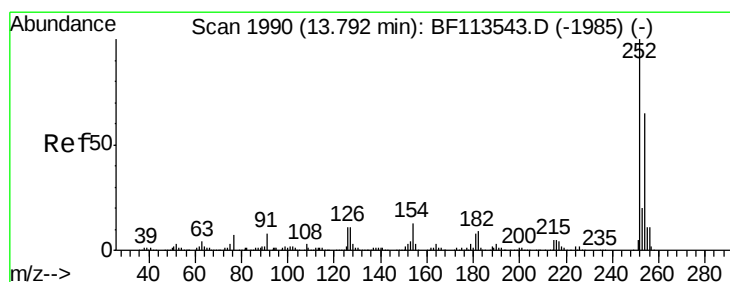
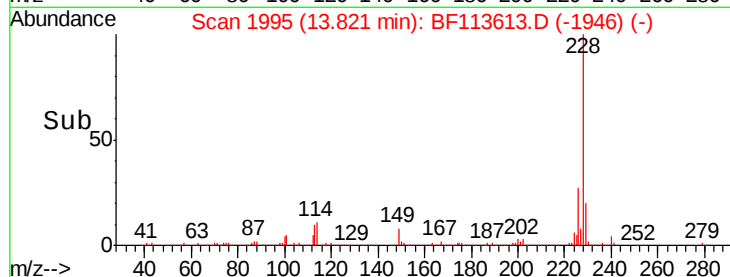
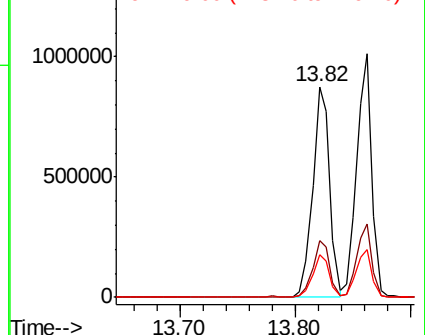
229 20.1 16.2 24.4



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: 30.113 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

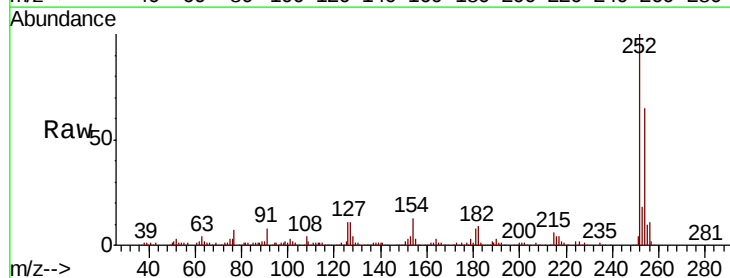
Tgt Ion:252 Resp: 263385

Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

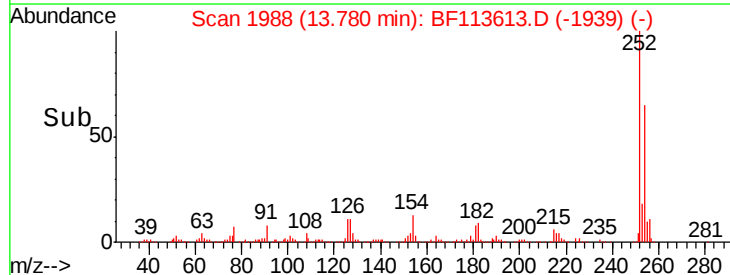
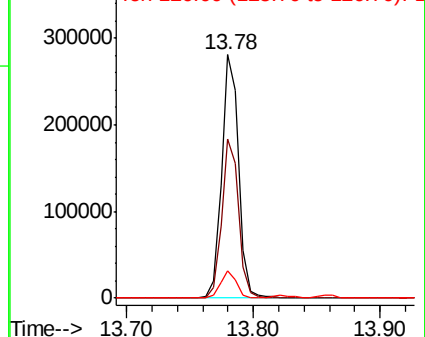
126 11.5 8.5 12.7

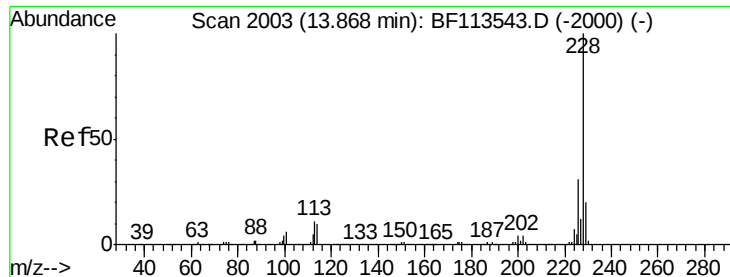


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.762 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

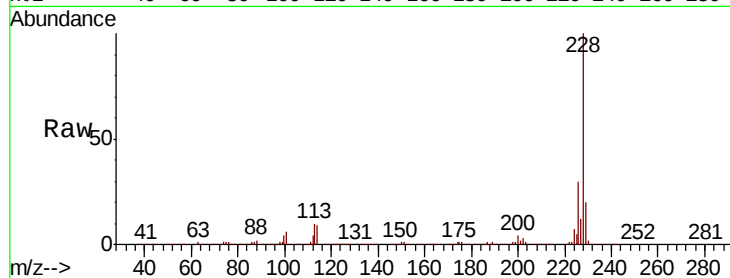
Tot Ion:228 Resp: 915333

Ion Ratio Lower Upper

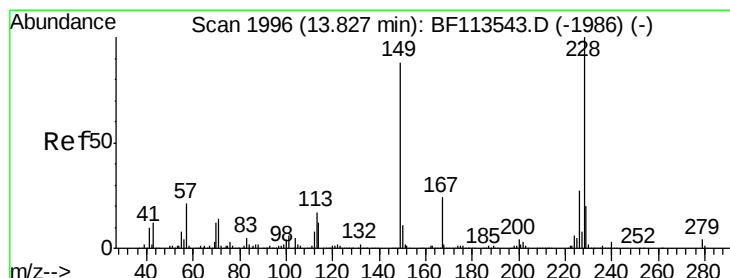
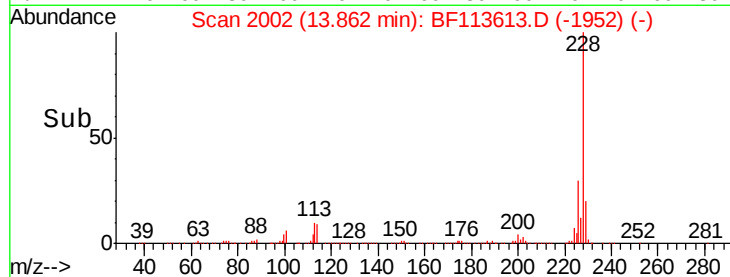
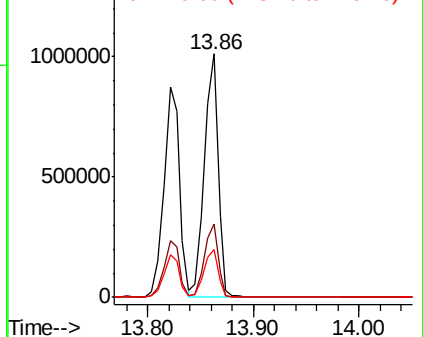
228 100

226 30.3 24.3 36.5

229 19.9 16.3 24.5



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: 45.881 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

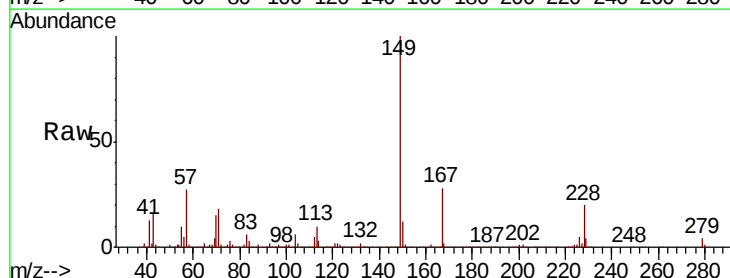
Tgt Ion:149 Resp: 676368

Ion Ratio Lower Upper

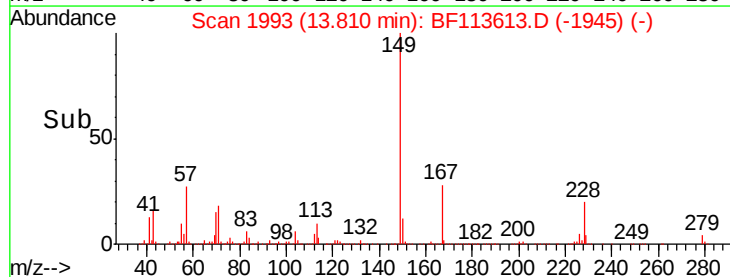
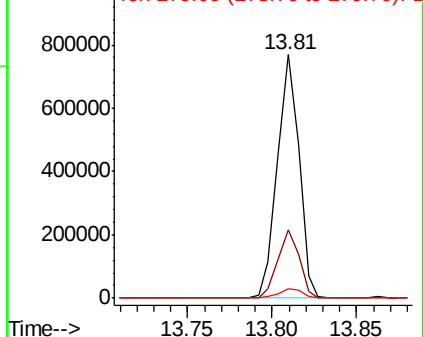
149 100

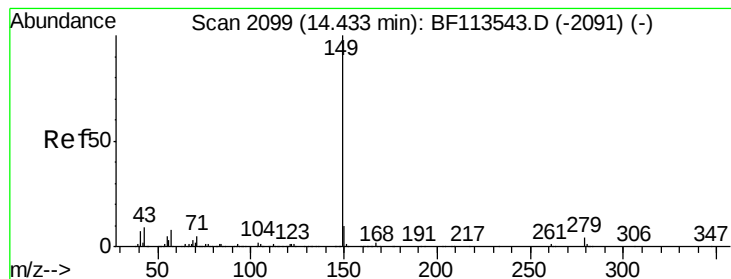
167 27.9 21.8 32.8

279 4.0 2.9 4.3



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: 43.114 ng

RT: 14.42 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleID :

PB118551BS

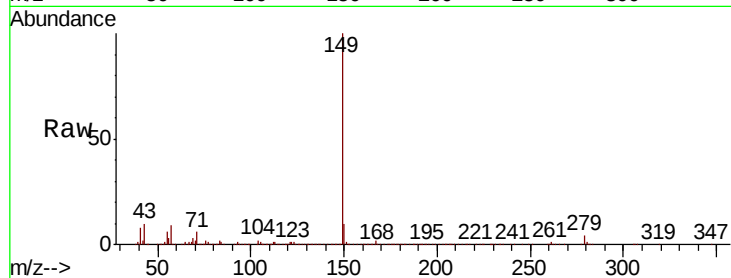
Tot Ion:149 Resp: 1033123

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

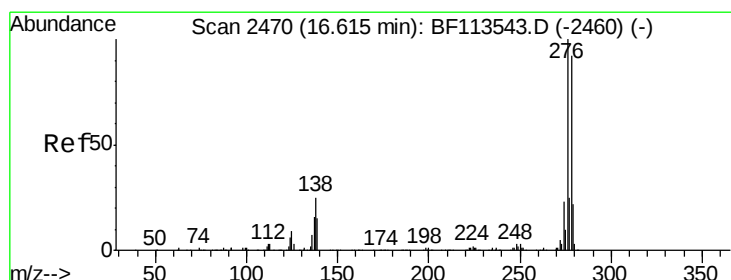
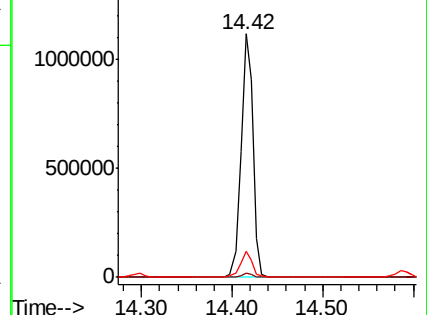
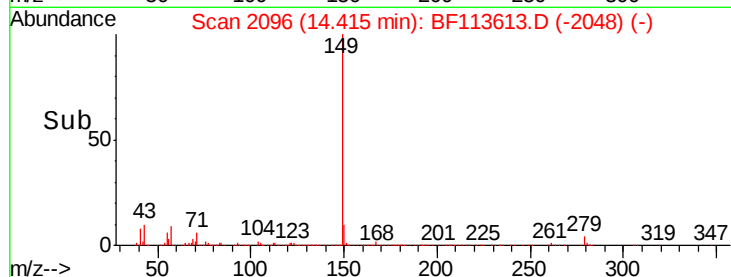
43 9.9 7.7 11.5



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: 39.794 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

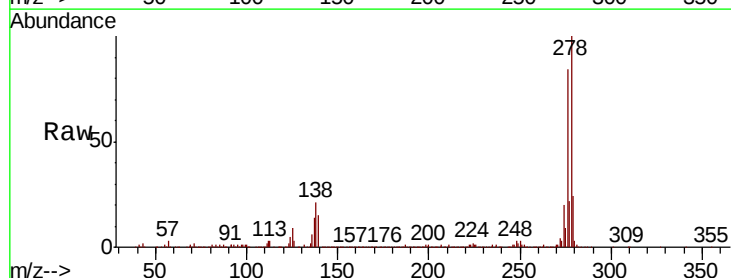
Tgt Ion:276 Resp: 845784

Ion Ratio Lower Upper

276 100

138 23.4 18.1 27.1

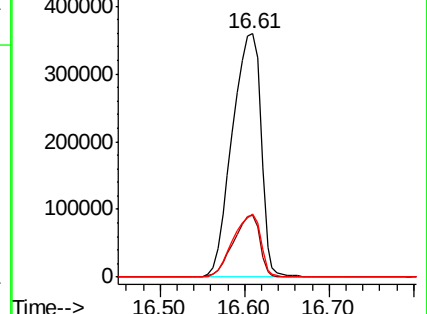
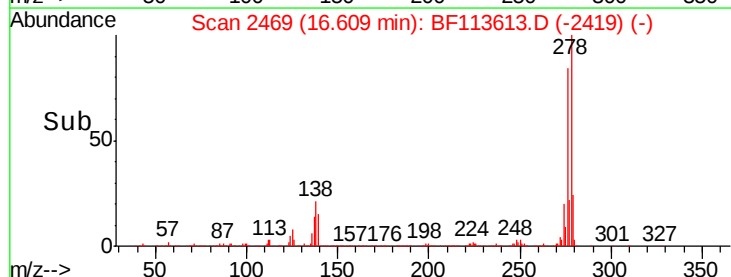
277 25.1 20.2 30.4

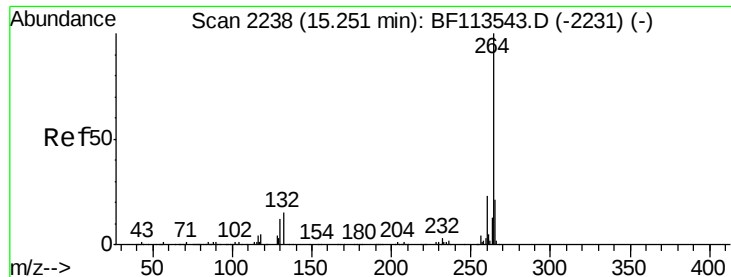


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

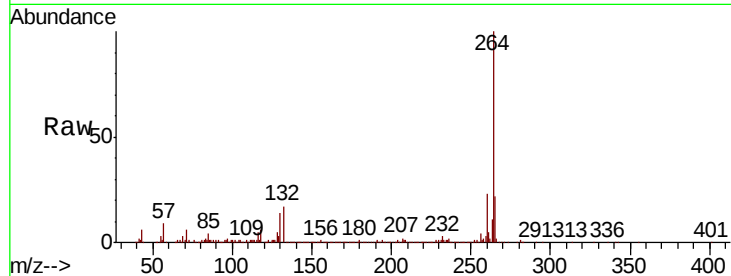




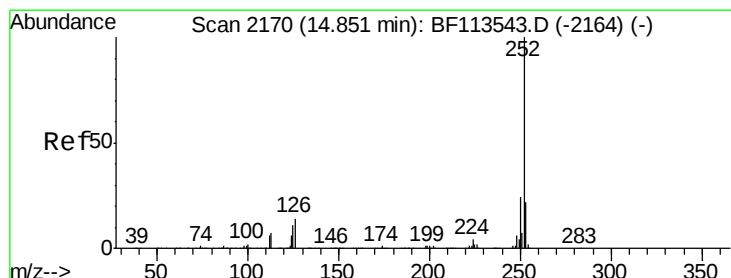
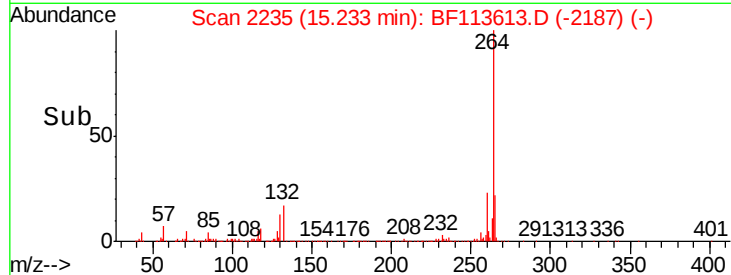
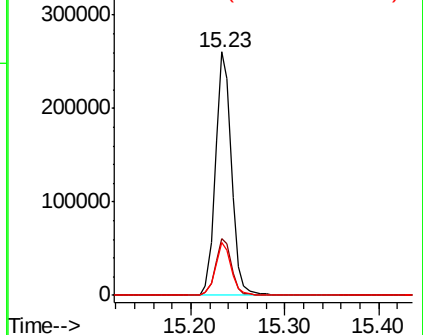
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB118551BS

Tot Ion:264 Resp: 314162
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.7 17.1 25.7

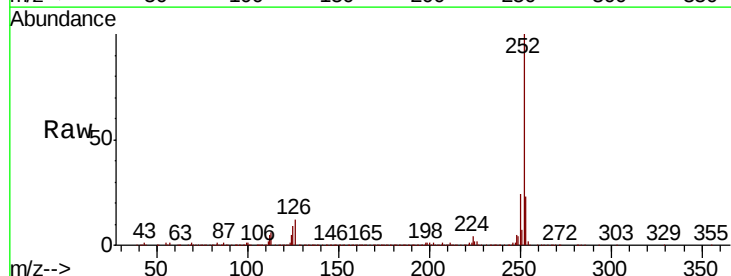


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

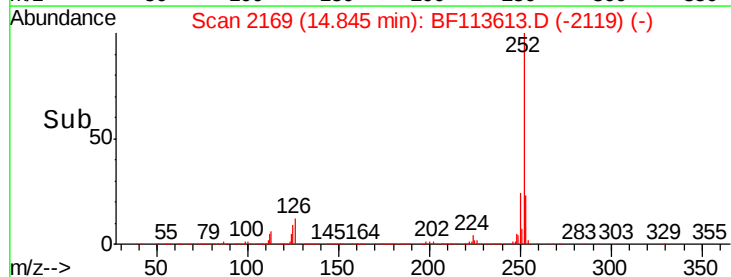
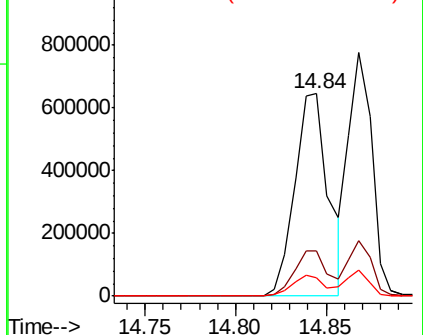


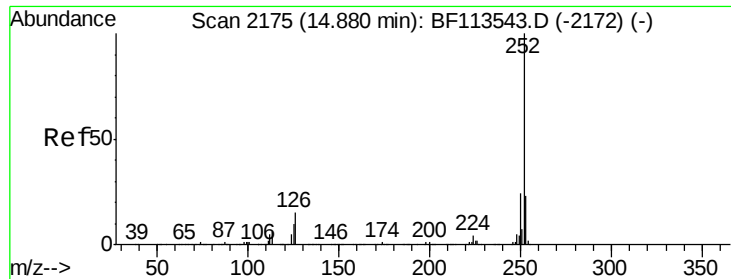
#88
Benzo(b)fluoranthene
Concen: 43.949 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion:252 Resp: 845157
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 9.4 7.6 11.4



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





#89

Benzo(k)fluoranthene

Concen: 40.878 ng

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

Instrument :

BNA_F

ClientSampleId :

PB118551BS

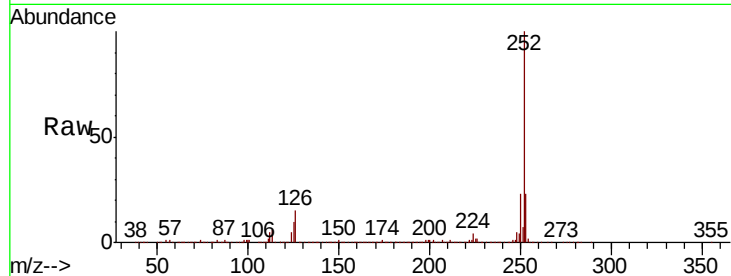
Tot Ion:252 Resp: 705514

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

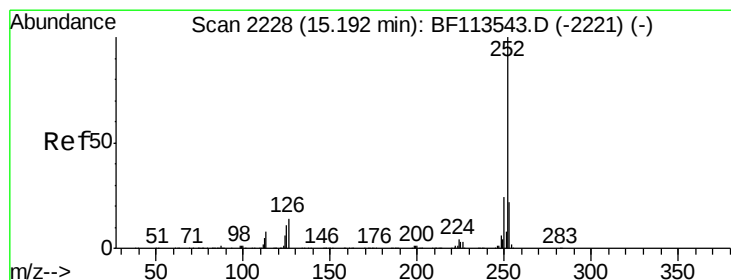
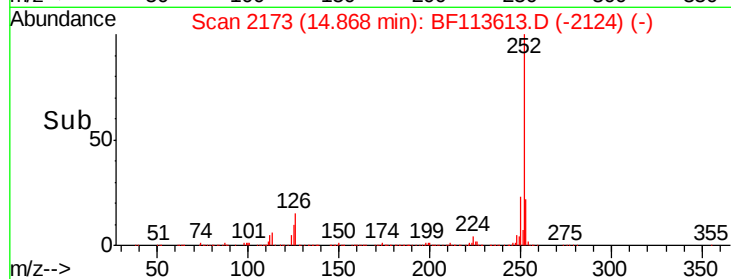
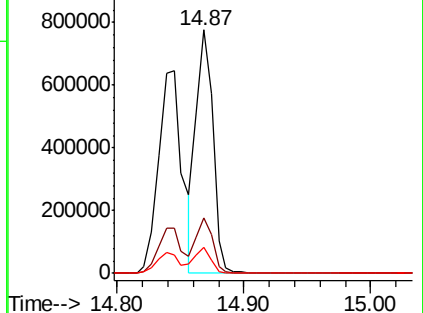
125 10.5 7.3 10.9



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: 43.192 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF113613.D

Acq: 5 Apr 2019 10:17

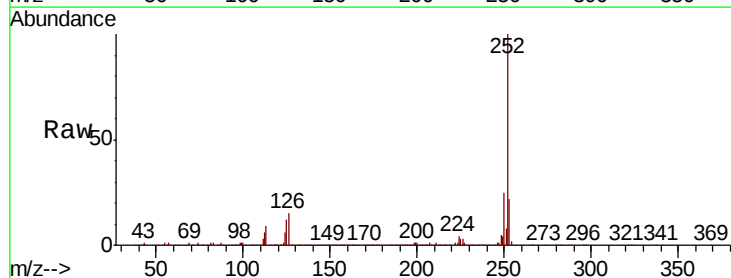
Tgt Ion:252 Resp: 738082

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

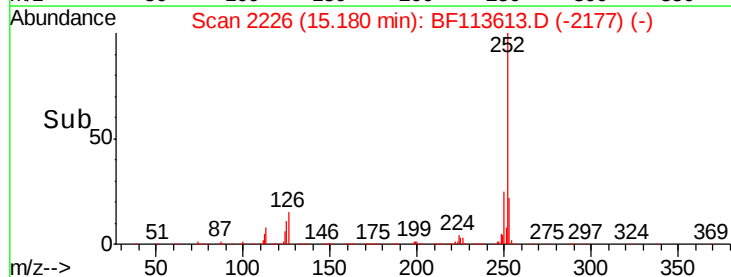
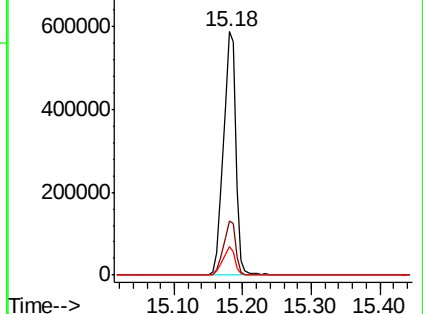
125 11.6 8.8 13.2

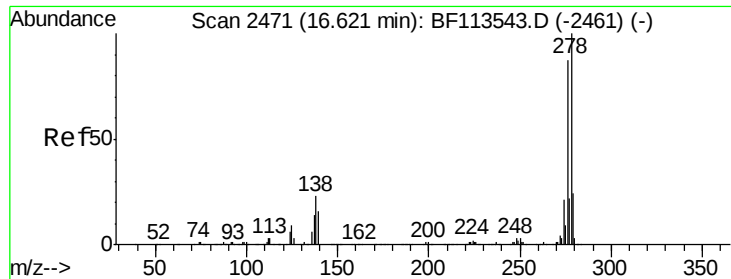


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

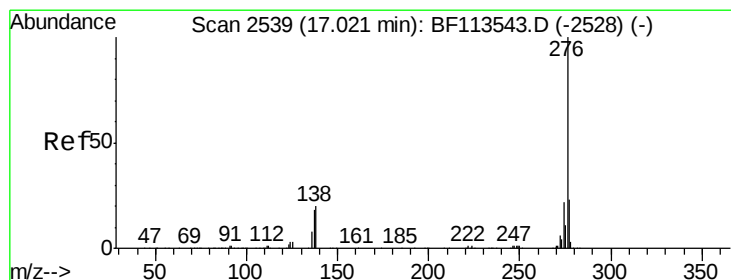
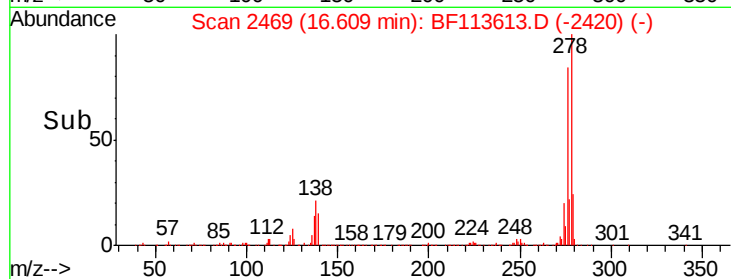
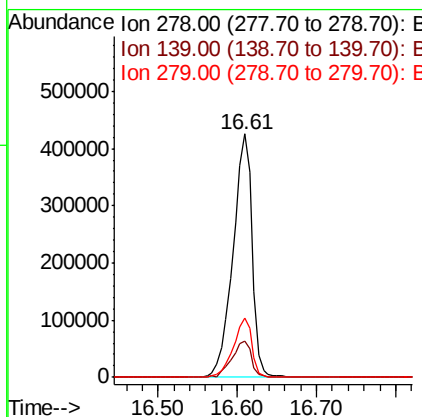
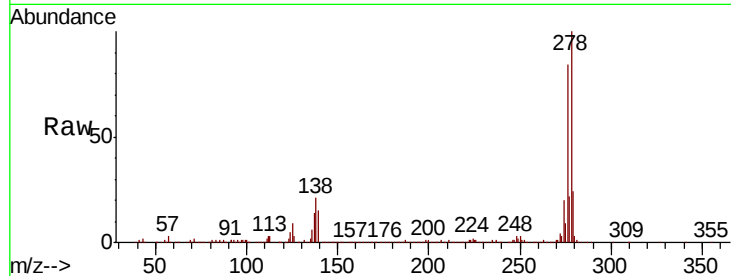




#91
Dibenzo(a,h)anthracene
Concen: 44.535 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Instrument :
BNA_F
ClientSampleId :
PB118551BS

Tot Ion:278 Resp: 711673
Ion Ratio Lower Upper
278 100
139 15.1 12.0 18.0
279 24.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 44.317 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF113613.D
Acq: 5 Apr 2019 10:17

Tgt Ion:276 Resp: 722840
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 20.5 15.6 23.4

