

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104243.D
 Acq On : 4 Apr 2018 23:13
 Operator : JU/SJ
 Sample : J2170-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:02:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	119397	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	493514	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	219438	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	365816	20.00	ng	0.00
75) Chrysene-d12	14.14	240	228580	20.00	ng	0.00
86) Perylene-d12	15.68	264	233253	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	985209	131.59	ng	0.00
7) Phenol-d6	6.60	99	1176624	127.74	ng	0.00
23) Nitrobenzene-d5	7.52	82	736552	91.27	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	301326	123.32	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1348128	96.88	ng	0.00
78) Terphenyl-d14	13.07	244	1033186	104.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	115367	35.728	ng	# 87
3) Pyridine	3.67	79	234830	28.727	ng	88
4) n-Nitrosodimethylamine	3.64	42	54943	22.612	ng	# 78
6) Aniline	6.63	93	267998	24.304	ng	# 72
8) 2-Chlorophenol	6.75	128	382563	46.582	ng	97
9) Benzaldehyde	6.52	77	73528	12.315	ng	91
10) Phenol	6.62	94	491194	48.128	ng	96
11) bis(2-Chloroethyl)ether	6.69	93	419080	47.652	ng	91
12) 1,3-Dichlorobenzene	6.89	146	367408	39.798	ng	98
13) 1,4-Dichlorobenzene	6.97	146	426085	43.074	ng	99
14) 1,2-Dichlorobenzene	7.12	146	378827	42.607	ng	98
15) Benzyl Alcohol	7.10	79	243465	40.653	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.22	45	418547	43.684	ng	# 41
17) 2-Methylphenol	7.21	107	286457	42.855	ng	# 80
18) Hexachloroethane	7.45	117	129081	38.974	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	251624	46.031	ng	91
20) 3+4-Methylphenols	7.37	107	352676	41.341	ng	# 55
22) Acetophenone	7.37	105	518360	43.412	ng	# 98
24) Nitrobenzene	7.54	77	332821	39.198	ng	98
25) Isophorone	7.77	82	679799	45.710	ng	98
26) 2-Nitrophenol	7.85	139	189216	42.692	ng	93
27) 2,4-Dimethylphenol	7.89	122	307866	48.164	ng	100
28) bis(2-Chloroethoxy)methane	7.97	93	442449	47.468	ng	99
29) 2,4-Dichlorophenol	8.10	162	308944	46.274	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	320407	42.296	ng	99
31) Naphthalene	8.26	128	1074090	44.550	ng	99
32) Benzoic acid	8.00	122	49730	10.620	ng	# 65
33) 4-Chloroaniline	8.33	127	149337	14.692	ng	97
34) Hexachlorobutadiene	8.36	225	169756	41.180	ng	100
35) Caprolactam	8.68	113	86173	40.706	ng	# 83
36) 4-Chloro-3-methylphenol	8.80	107	323285	45.779	ng	97
37) 2-Methylnaphthalene	8.95	142	685369	43.156	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	308471	45.841	ng	98
40) Hexachlorocyclopentadiene	9.09	237	63467	24.075	ng	99

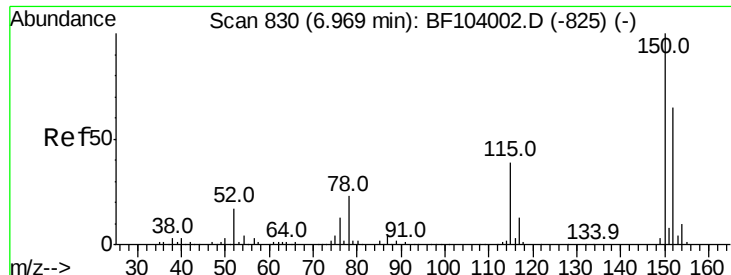
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	183606	43.090	nq	99
43) 2,4,5-Trichlorophenol	9.28	196	222919	43.329	nq	95
45) 1,1'-Biphenyl	9.41	154	848350	45.044	nq	98
46) 2-Chloronaphthalene	9.44	162	665248	44.779	nq	98
47) 2-Nitroaniline	9.55	65	186986	44.140	nq	93
48) Acenaphthylene	9.86	152	942381	41.871	nq	100
49) Dimethylphthalate	9.71	163	856831	49.455	nq	99
50) 2,6-Dinitrotoluene	9.78	165	164649	44.173	nq	96
51) Acenaphthene	10.03	154	566193	43.486	nq	99
52) 3-Nitroaniline	9.97	138	113453	26.478	nq	98
53) 2,4-Dinitrophenol	10.10	184	13599	13.347	nq	# 65
54) Dibenzofuran	10.20	168	819957	43.126	nq	97
55) 4-Nitrophenol	10.15	139	136053	52.956	nq	94
56) 2,4-Dinitrotoluene	10.19	165	194353	40.862	nq	# 95
57) Fluorene	10.55	166	656078	41.832	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	163677	42.463	nq	87
59) Diethylphthalate	10.40	149	717756	43.245	nq	98
60) 4-Chlorophenyl-phenylether	10.53	204	315567	43.808	nq	98
61) 4-Nitroaniline	10.60	138	139697	34.844	nq	91
62) Azobenzene	10.69	77	634648	42.287	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	33259	15.020	nq	87
65) n-Nitrosodiphenylamine	10.66	169	589156	47.555	nq	98
66) 4-Bromophenyl-phenylether	11.02	248	181454	46.364	nq	91
67) Hexachlorobenzene	11.09	284	193686	43.023	nq	# 87
68) Atrazine	11.17	200	175942	46.356	nq	99
69) Pentachlorophenol	11.29	266	154358	62.308	nq	97
70) Phenanthrene	11.52	178	815266	41.163	nq	98
71) Anthracene	11.57	178	946811	45.767	nq	99
72) Carbazole	11.73	167	834632	42.271	nq	99
73) Di-n-butylphthalate	12.03	149	1024225	43.549	nq	99
74) Fluoranthene	12.70	202	784658	37.272	nq	99
76) Benzidine	12.84	184	377120	57.894	nq	98
77) Pyrene	12.94	202	747310	45.480	nq	99
79) Butylbenzylphthalate	13.53	149	367369	47.455	nq	98
80) Benzo(a)anthracene	14.13	228	578602	40.454	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	208995	44.145	nq	100
82) Chrysene	14.17	228	645580	46.084	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	471694	47.158	nq	99
84) Di-n-octyl phthalate	14.71	149	761755	44.273	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.28	276	599946	41.328	nq	97
87) Benzo(b)fluoranthene	15.22	252	569718	40.134	nq	99
88) Benzo(k)fluoranthene	15.26	252	657062	49.136	nq	97
89) Benzo(a)pyrene	15.62	252	587413	44.653	nq	97
90) Dibenzo(a,h)anthracene	17.29	278	525724	43.225	nq	98
91) Benzo(g,h,i)perylene	17.75	276	474640	38.961	nq	96

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

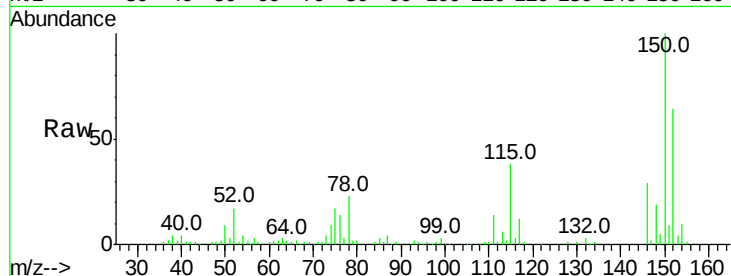


#1

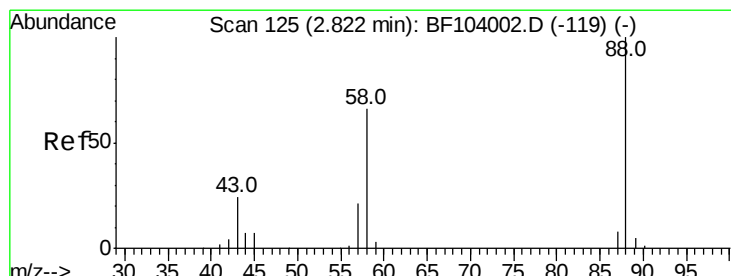
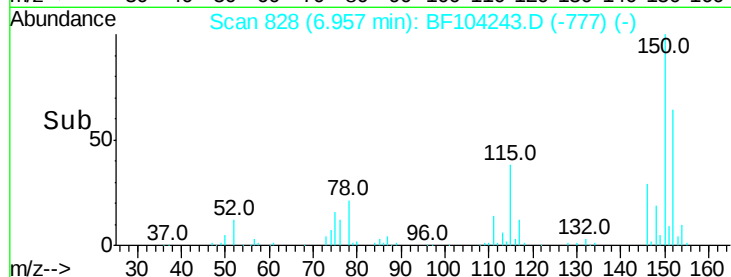
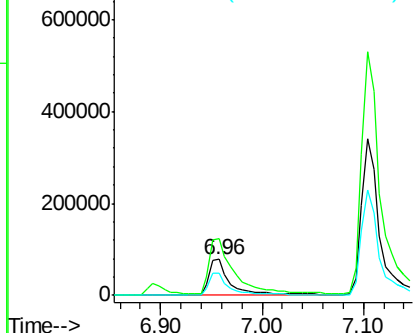
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119397
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 60.4 50.1 75.1



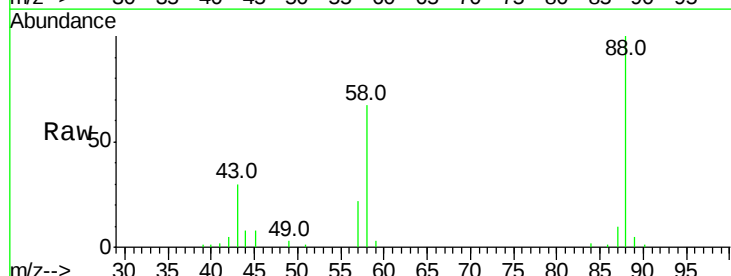
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



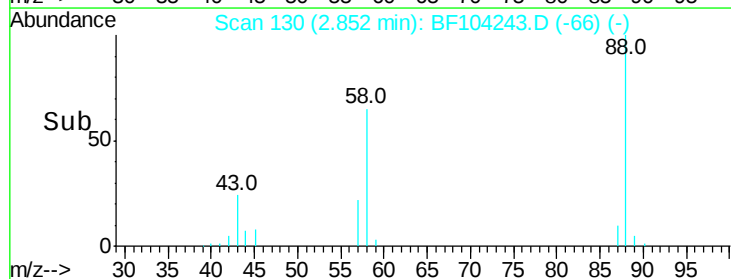
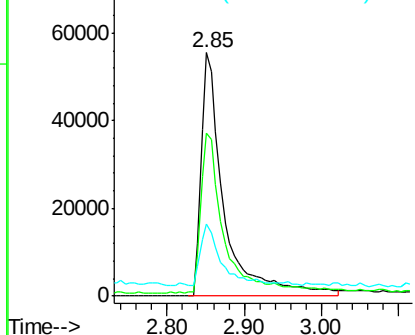
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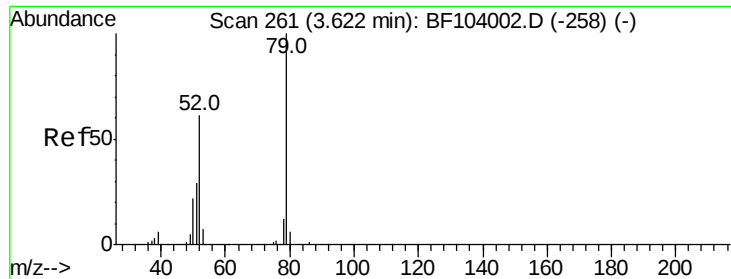
1,4-Dioxane
Concen: 35.728 ng
RT: 2.85 min Scan# 130
Delta R.T. 0.08 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion: 88 Resp: 115367
Ion Ratio Lower Upper
88 100
58 67.3 62.6 93.8
43 22.9 24.6 37.0#



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: 28.727 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.06 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

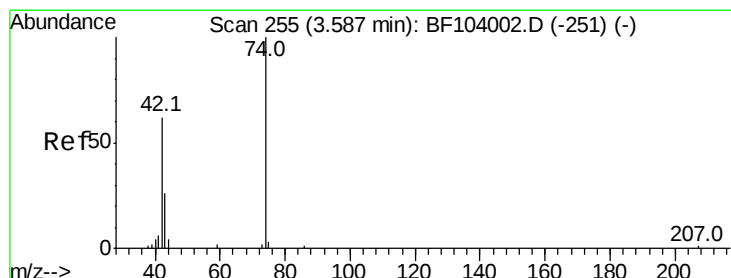
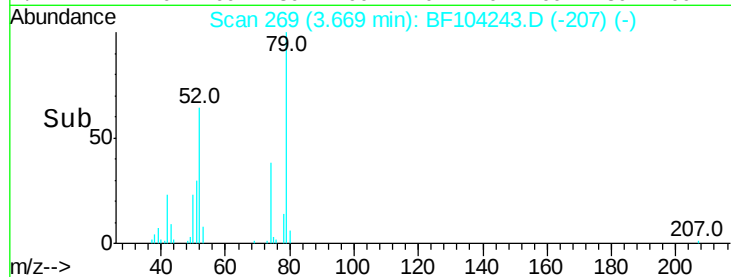
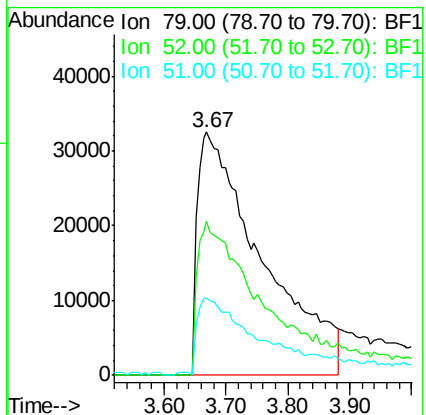
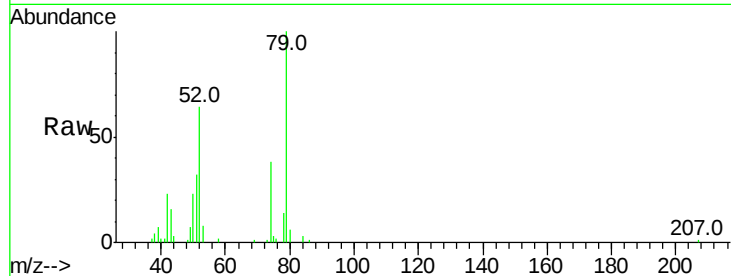
Tot Ion: 79 Resp: 234830

Ion Ratio Lower Upper

79 100

52 63.5 59.8 89.6

51 31.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 22.612 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.05 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

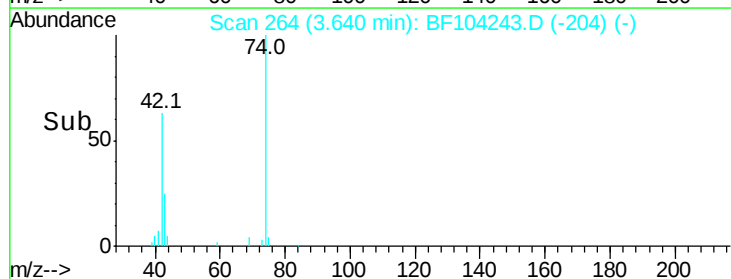
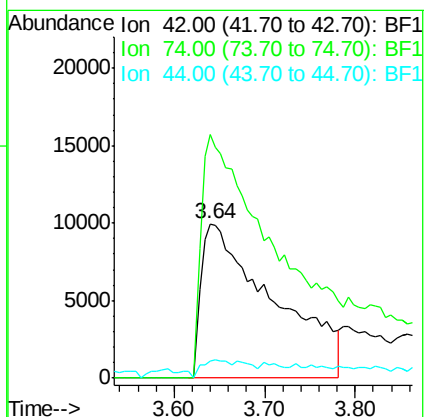
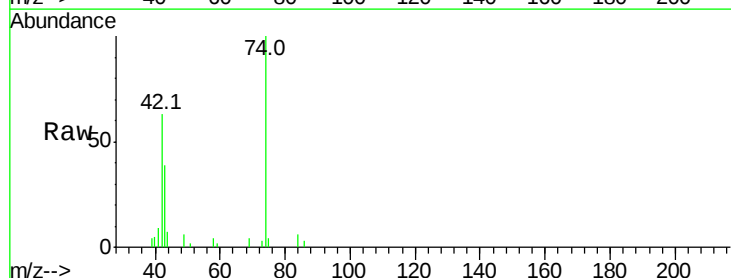
Tgt Ion: 42 Resp: 54943

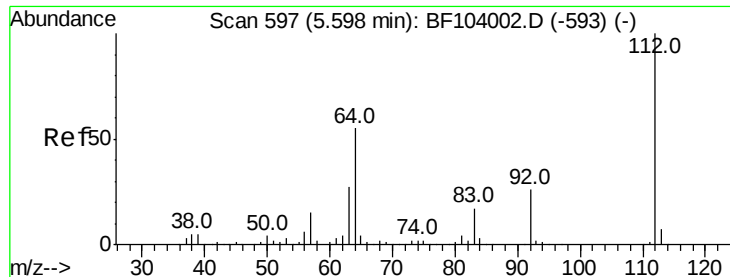
Ion Ratio Lower Upper

42 100

74 157.6 104.9 157.3#

44 11.2 6.9 10.3#





#5

2-Fluorophenol

Concen: 131.591 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampled :

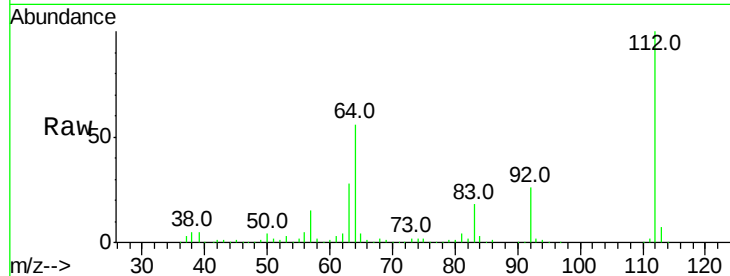
Tot Ion:112 Resp: 985209

Ion Ratio Lower Upper

112 100

64 56.5 47.9 71.9

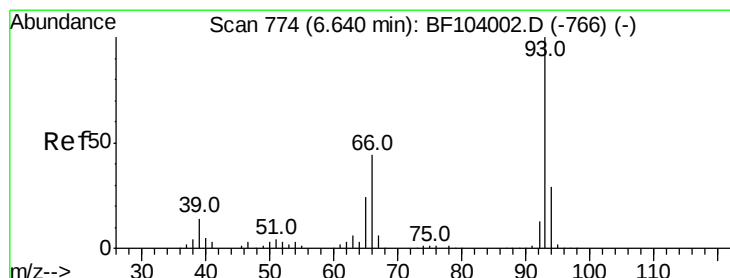
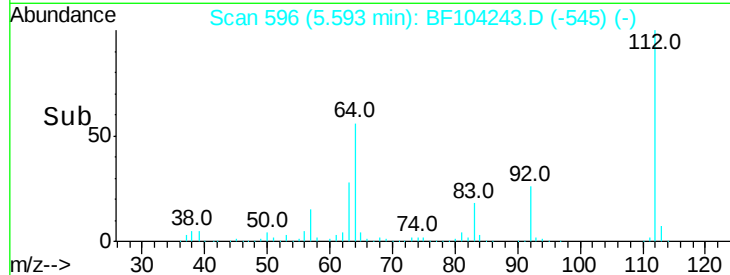
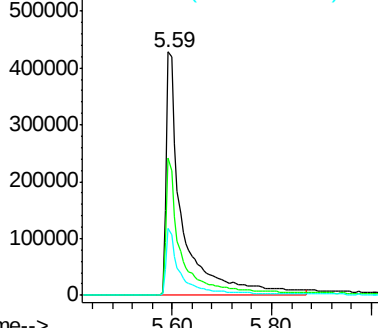
63 27.5 23.7 35.5



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: 24.304 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

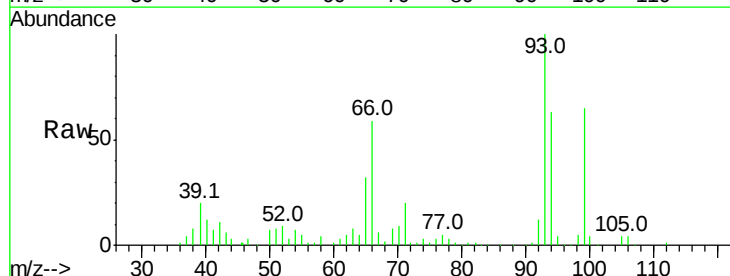
Tgt Ion: 93 Resp: 267998

Ion Ratio Lower Upper

93 100

66 58.6 32.2 48.2#

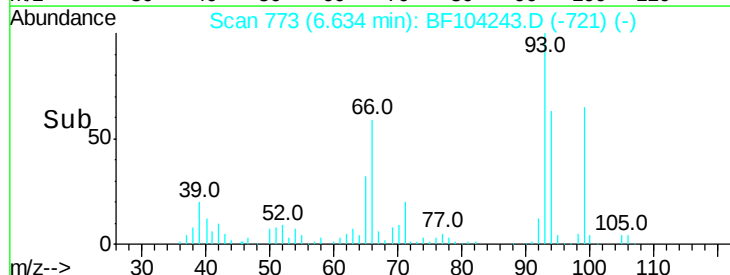
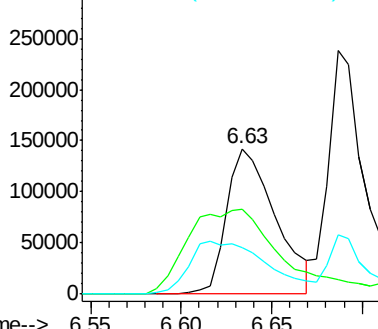
65 32.5 16.4 24.6#

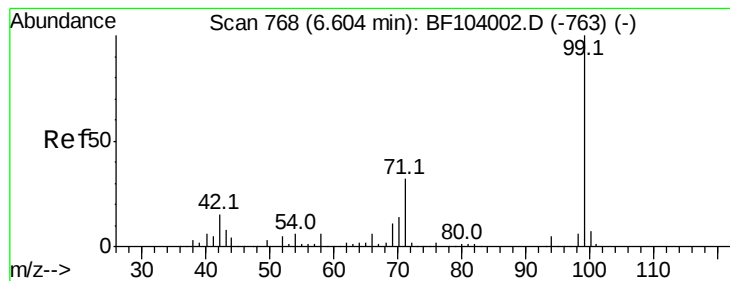


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.739 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

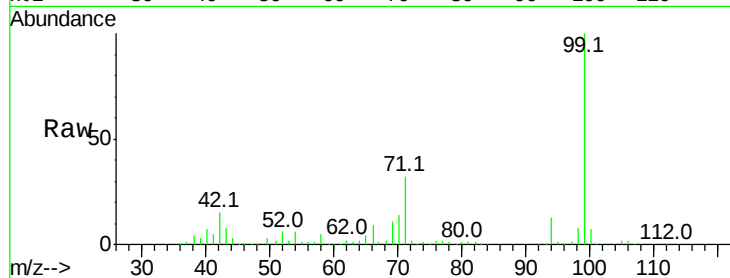
Tot Ion: 99 Resp: 1176624

Ion Ratio Lower Upper

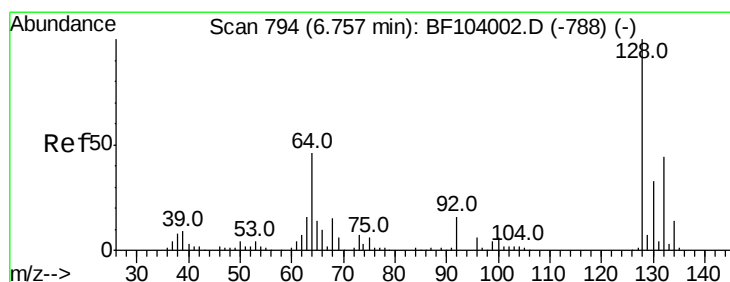
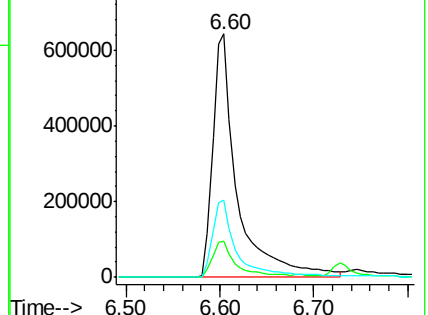
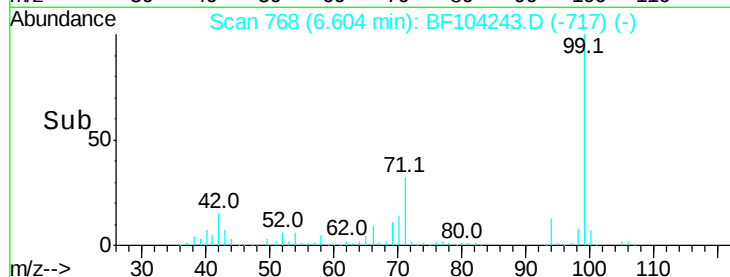
99 100

42 14.8 14.5 21.7

71 31.7 25.4 38.0



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: 46.582 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

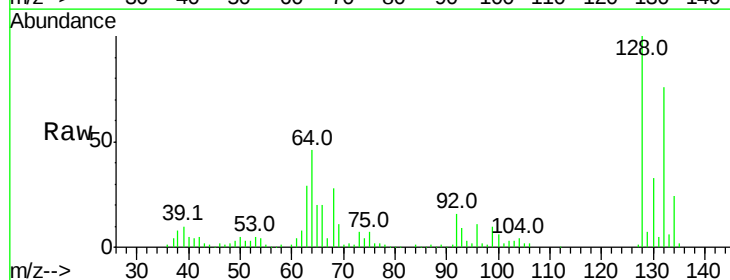
Tgt Ion: 128 Resp: 382563

Ion Ratio Lower Upper

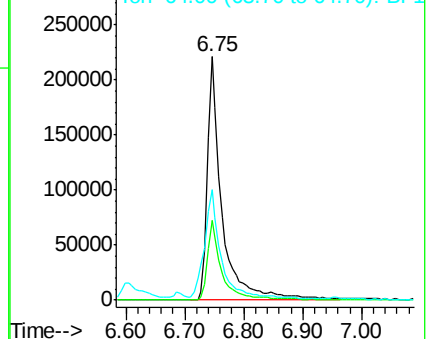
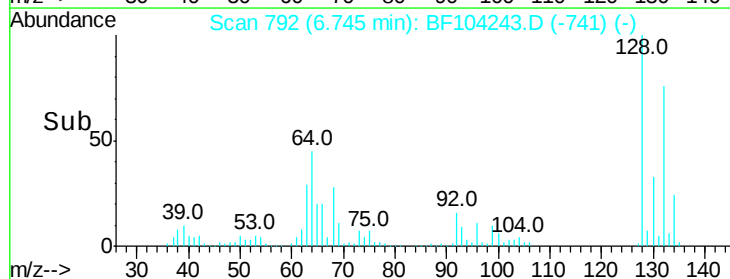
128 100

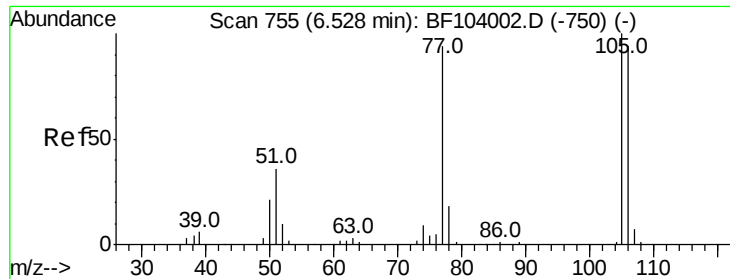
130 32.9 13.0 53.0

64 45.5 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: 12.315 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampled :

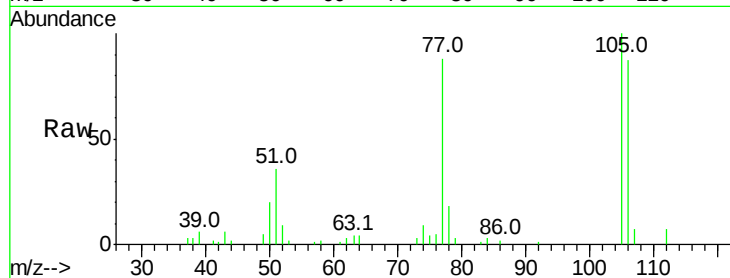
Tot Ion: 77 Resp: 73528

Ion Ratio Lower Upper

77 100

105 114.1 81.1 121.1

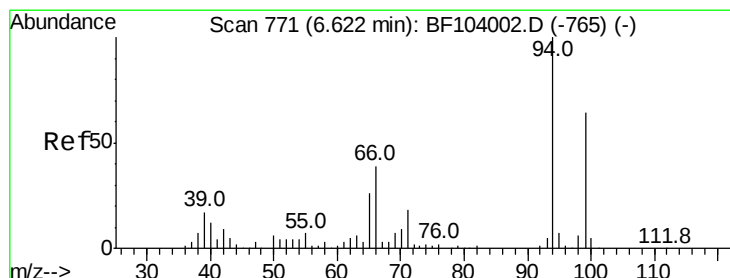
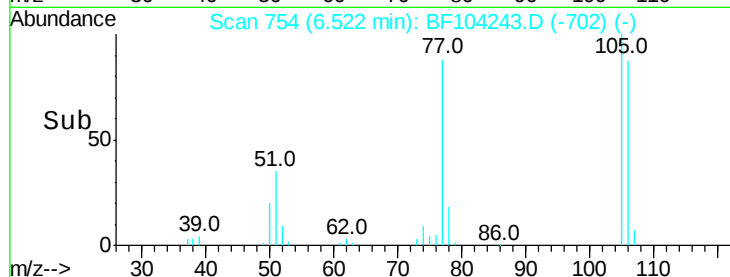
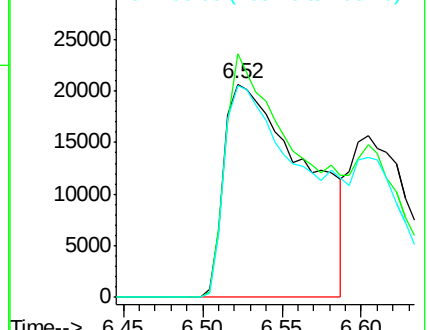
106 99.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.128 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

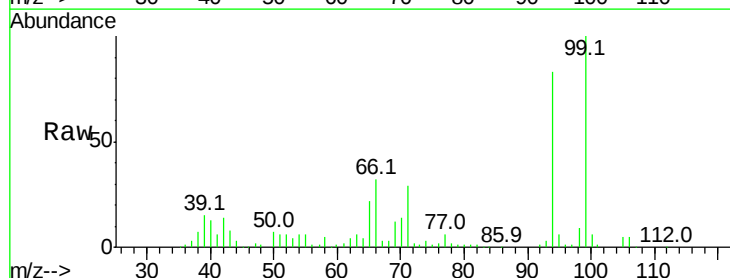
Tgt Ion: 94 Resp: 491194

Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

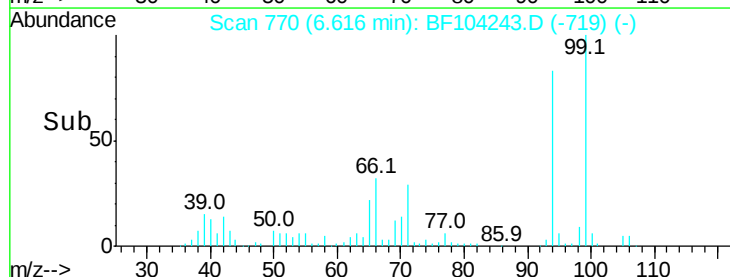
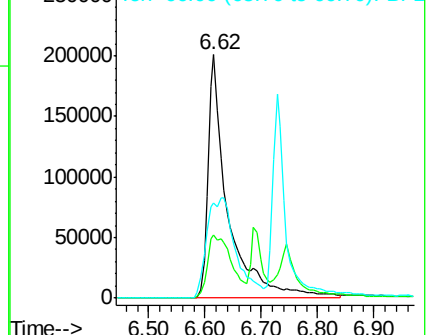
66 38.8 16.2 56.2

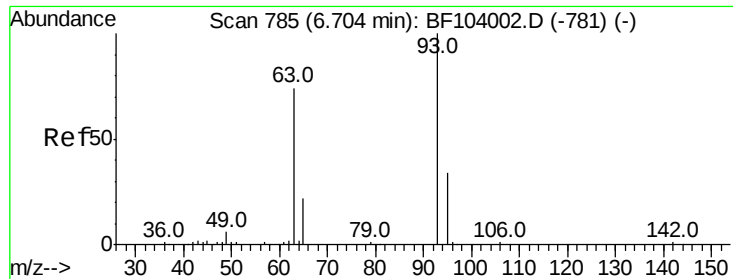


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 47.652 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

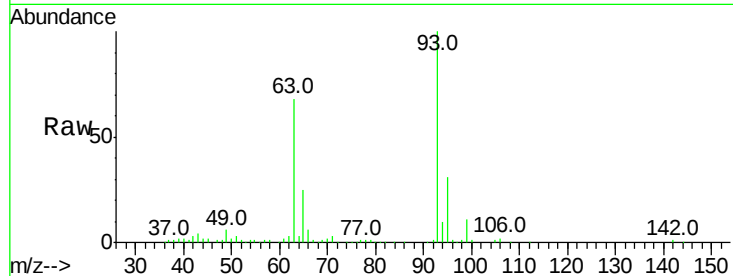
Tot Ion: 93 Resp: 419080

Ion Ratio Lower Upper

93 100

63 68.0 58.6 98.6

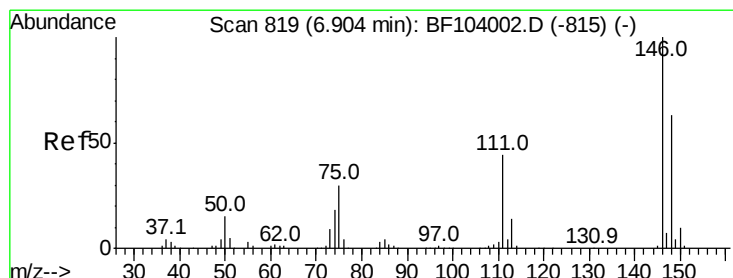
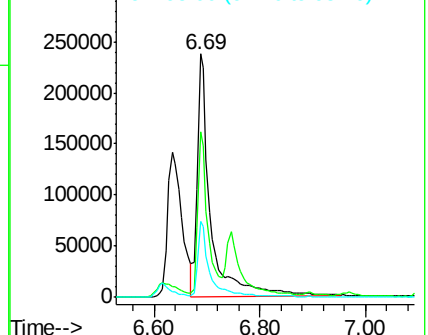
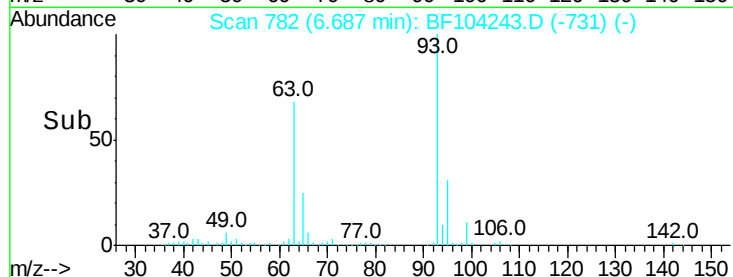
95 31.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.798 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

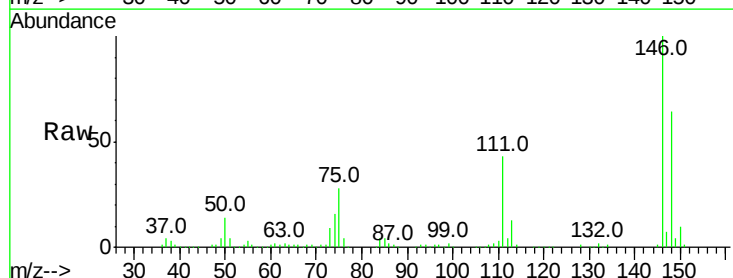
Tgt Ion: 146 Resp: 367408

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

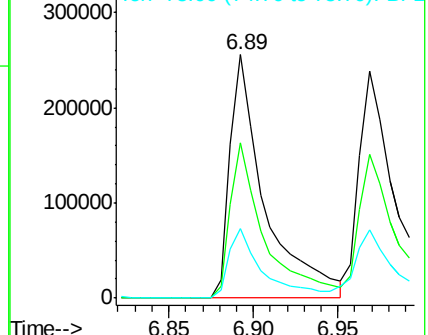
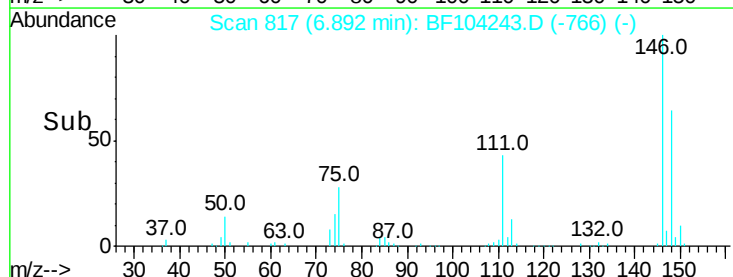
75 28.4 24.2 36.4

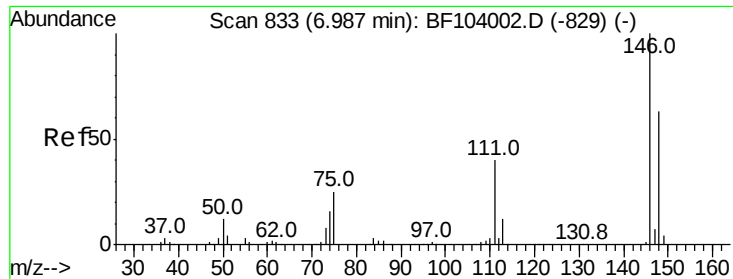


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 43.074 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

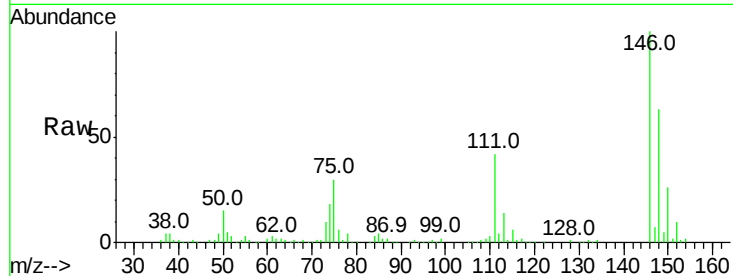
Tot Ion:146 Resp: 426085

Ion Ratio Lower Upper

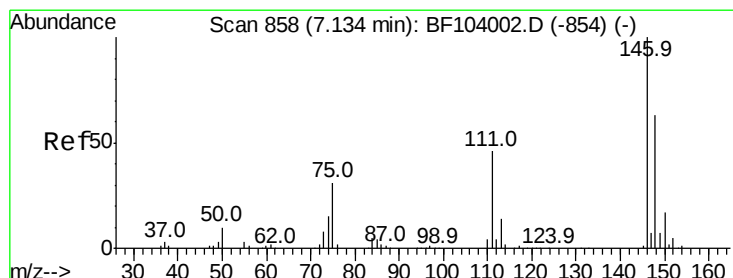
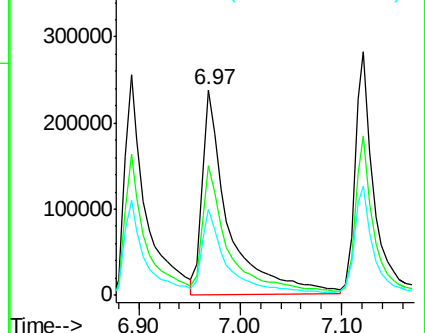
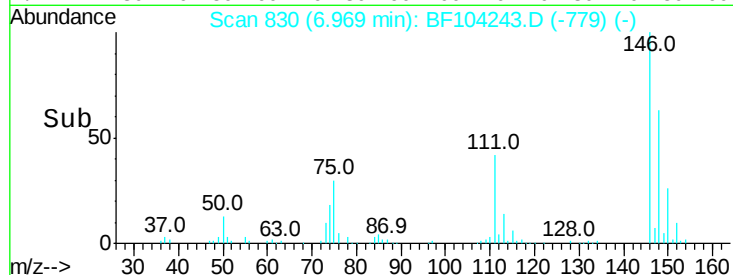
146 100

148 63.2 50.8 76.2

111 42.2 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 42.607 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

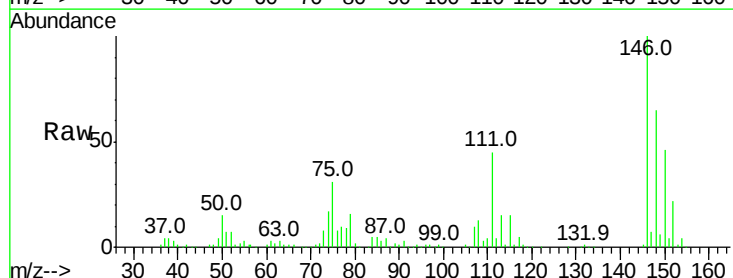
Tgt Ion:146 Resp: 378827

Ion Ratio Lower Upper

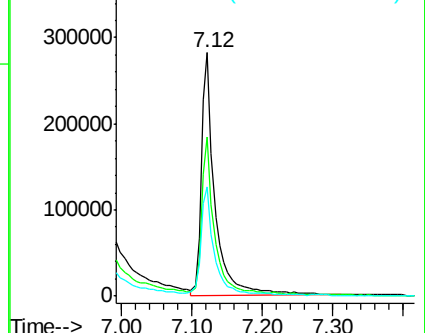
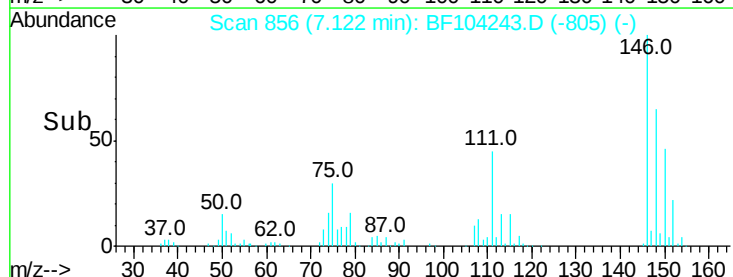
146 100

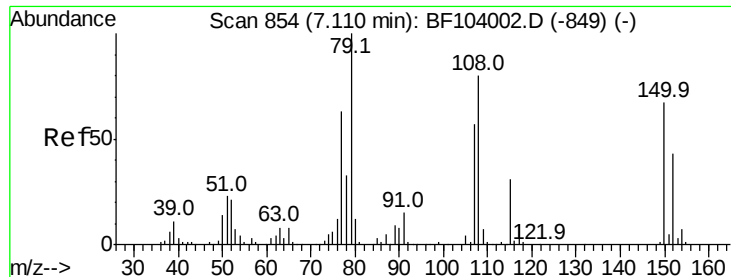
148 65.2 50.6 75.8

111 44.6 36.0 54.0



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

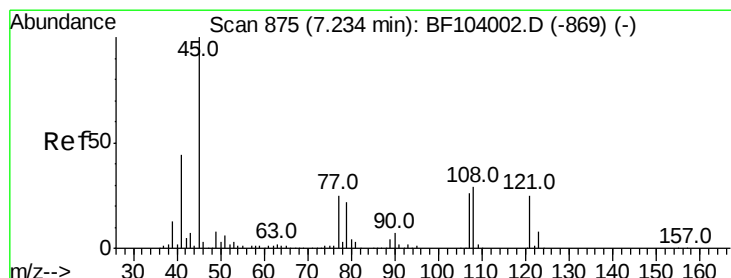
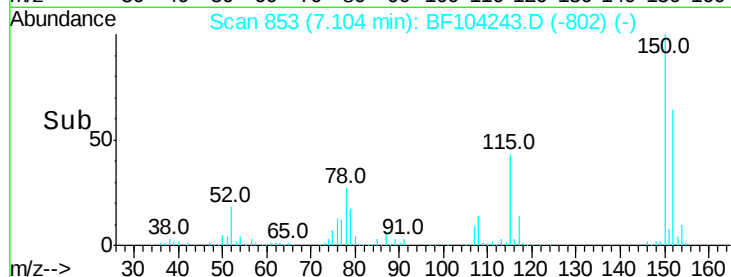
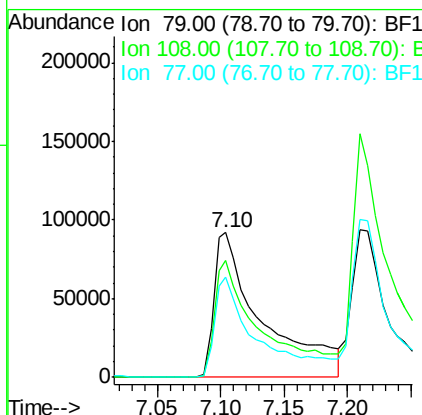
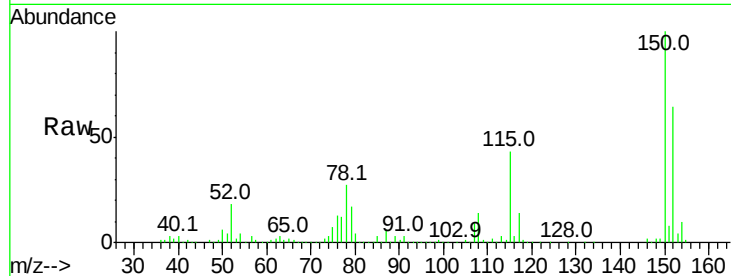




#15
Benzyl Alcohol
Concen: 40.653 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

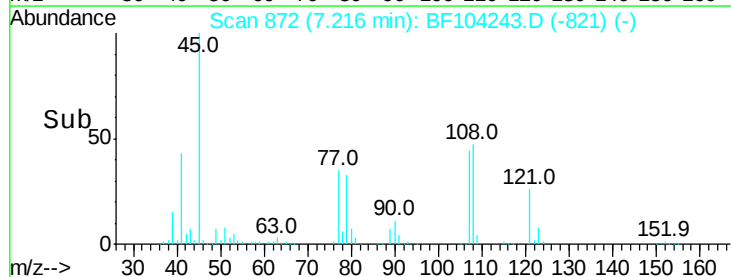
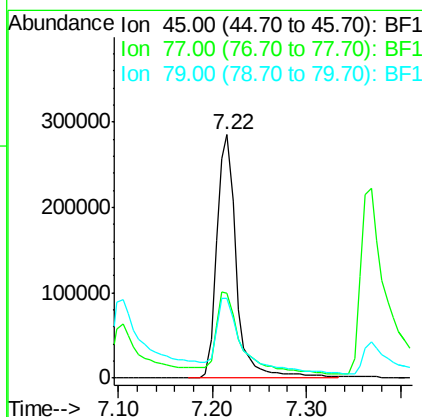
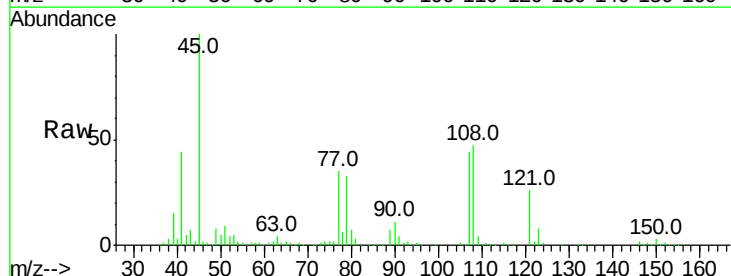
Instrument :
BNA_F
ClientSampled :

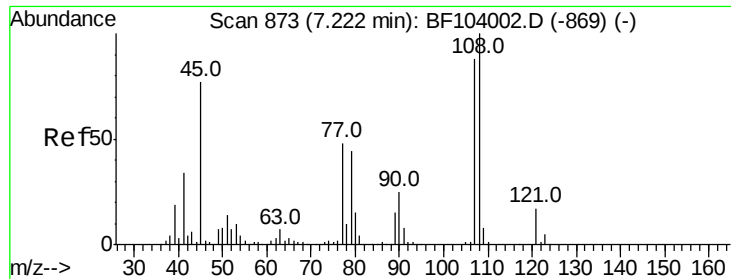
Tot Ion: 79 Resp: 243465
Ion Ratio Lower Upper
79 100
108 80.7 65.1 97.7
77 69.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.684 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion: 45 Resp: 418547
Ion Ratio Lower Upper
45 100
77 34.9 0.0 32.9#
79 32.6 0.0 29.6#

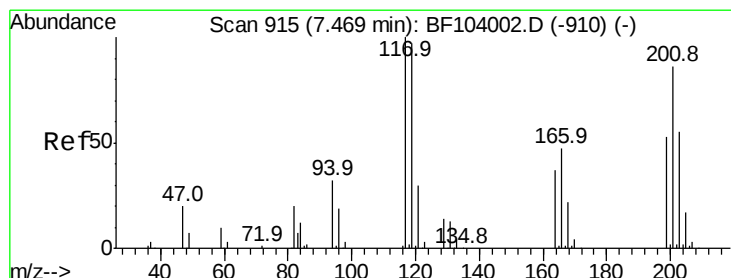
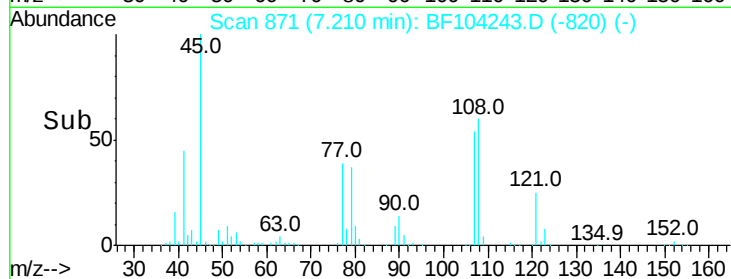
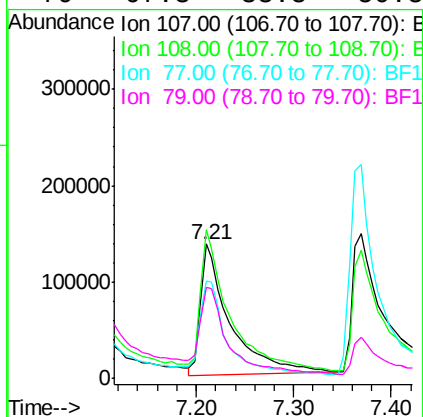
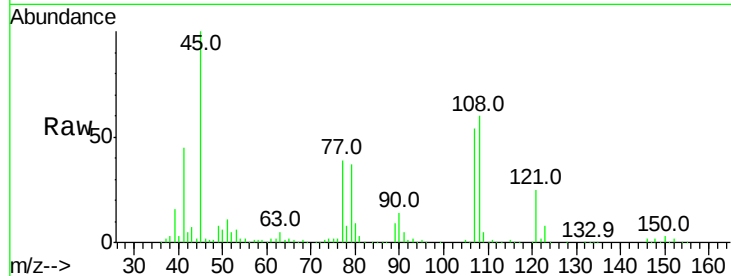




#17
2-Methylphenol
Concen: 42.855 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

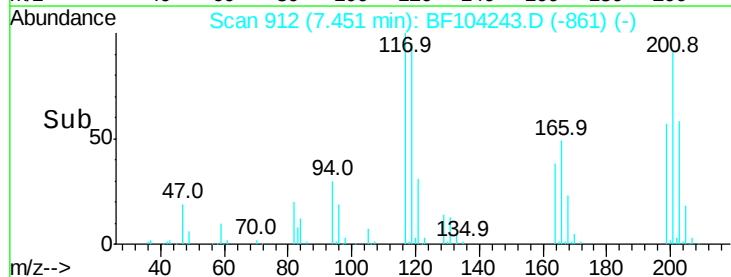
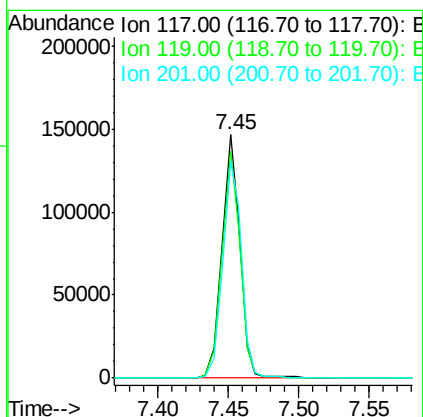
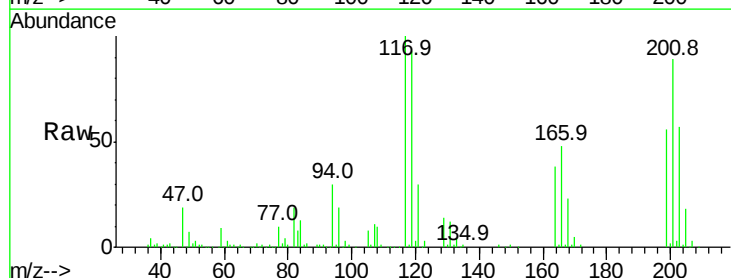
Instrument :
BNA_F
ClientSampleId :

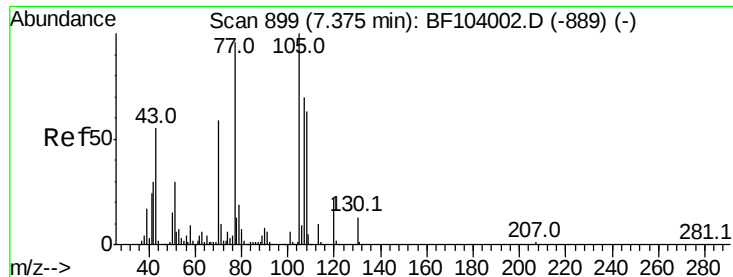
Tot Ion:107 Resp: 286457
Ion Ratio Lower Upper
107 100
108 111.0 91.7 137.5
77 72.1 33.8 50.8#
79 67.3 33.8 50.8#



#18
Hexachloroethane
Concen: 38.974 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion:117 Resp: 129081
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.8
201 89.1 75.7 113.5

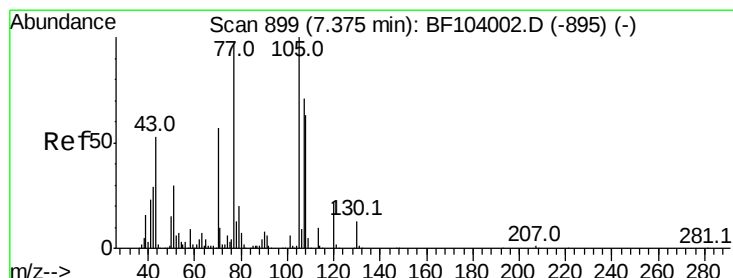
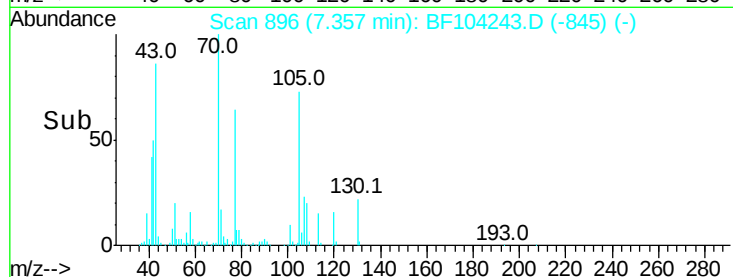
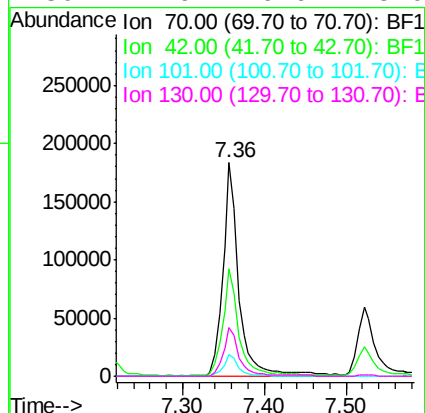
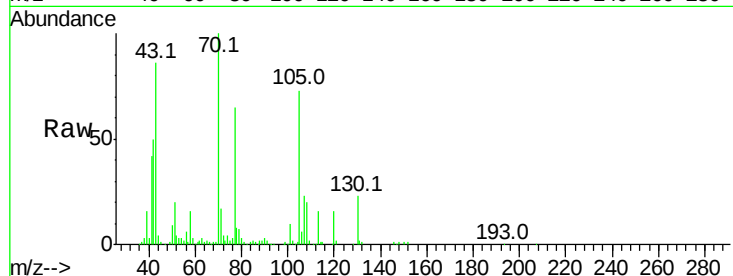




#19
n-Nitroso-di-n-propylamine
Concen: 46.031 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

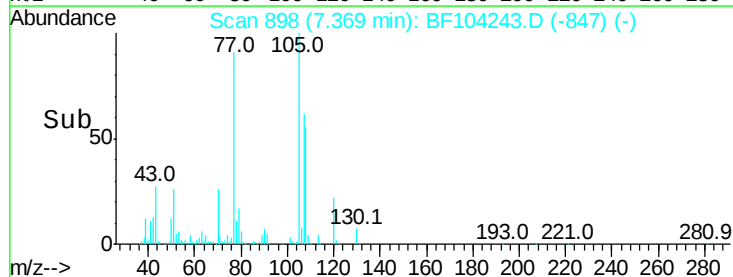
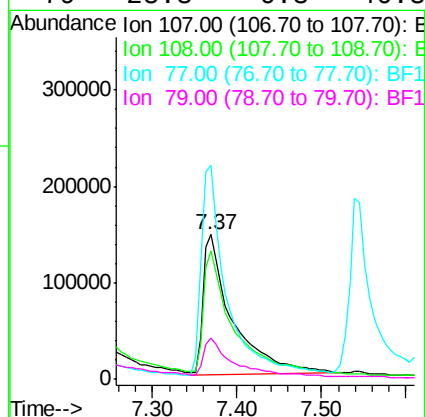
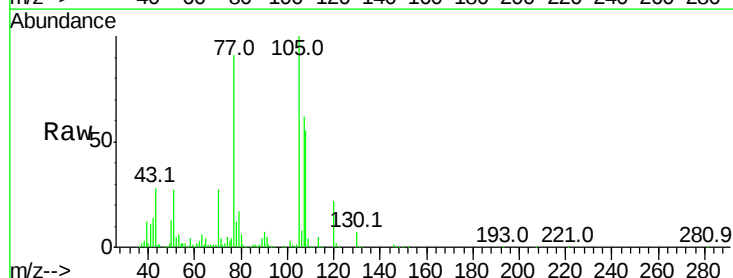
Instrument :
BNA_F
ClientSampleId :

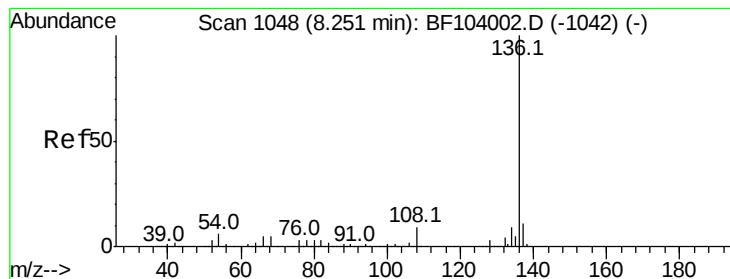
Tot Ion: 70 Resp: 251624
Ion Ratio Lower Upper
70 100
42 50.4 47.5 71.3
101 10.1 7.4 11.2
130 22.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 41.341 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion: 107 Resp: 352676
Ion Ratio Lower Upper
107 100
108 89.0 68.2 108.2
77 147.8 26.7 66.7#
79 28.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 493514

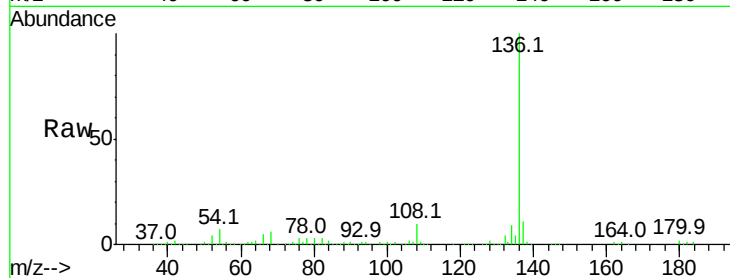
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 6.0 5.0 7.4

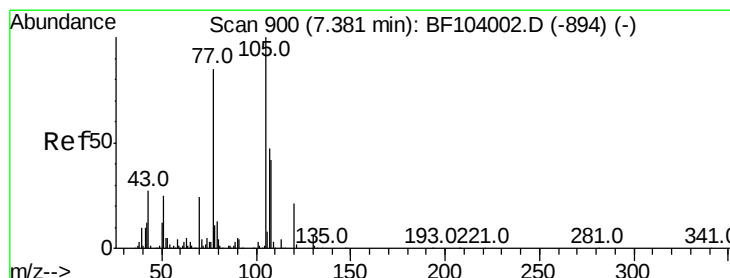
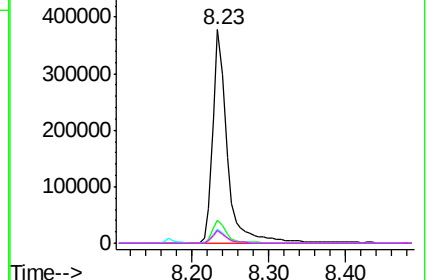
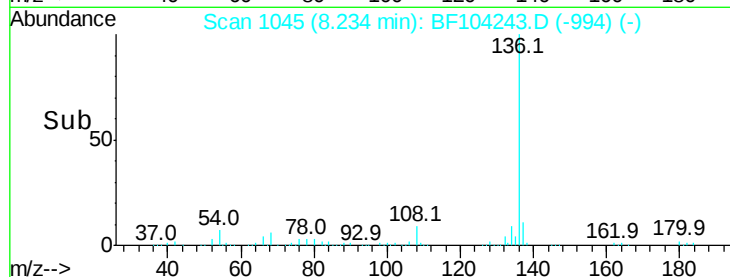


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.412 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Tgt Ion:105 Resp: 518360

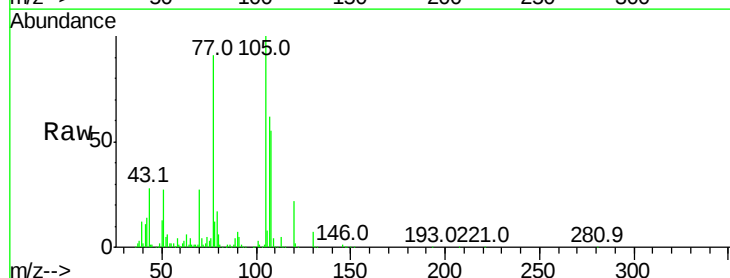
Ion Ratio Lower Upper

105 100

71 4.0 4.4 6.6#

51 26.8 22.3 33.5

120 21.6 16.9 25.3

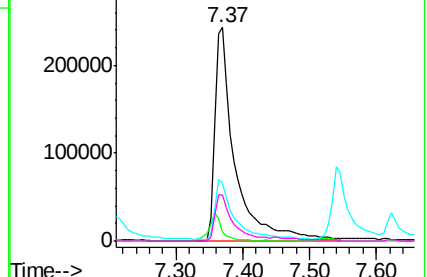
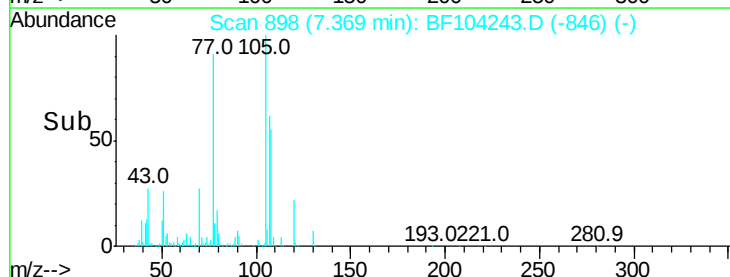


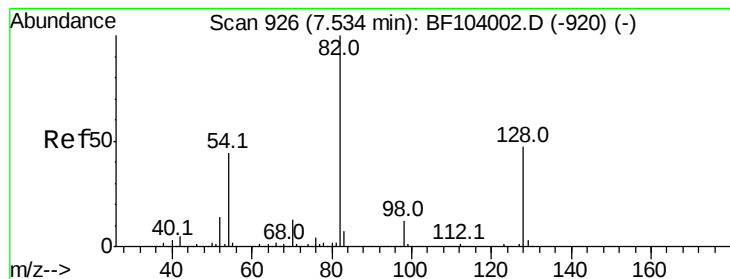
Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.272 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

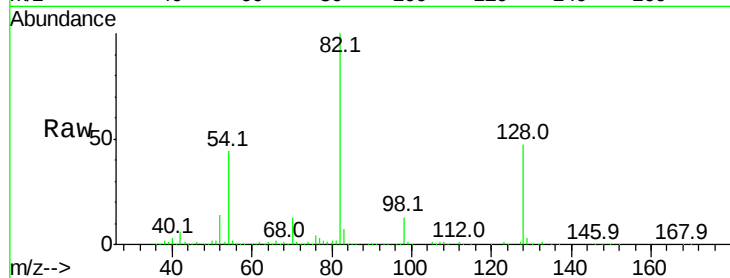
Tot Ion: 82 Resp: 736552

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

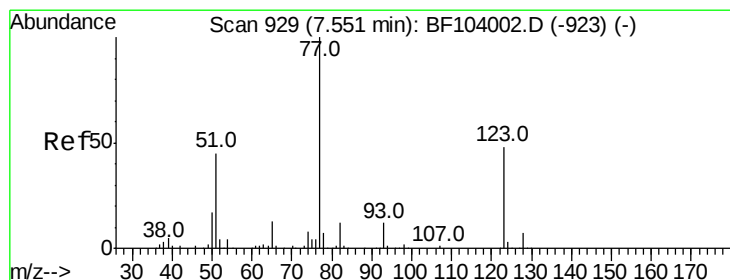
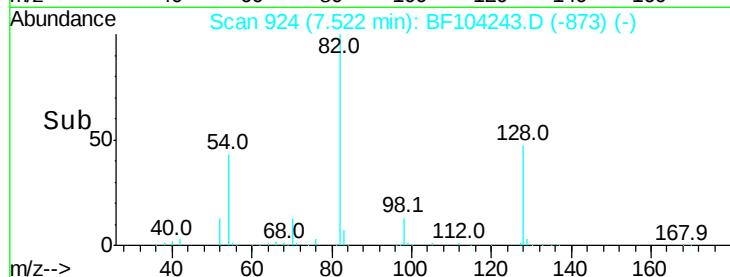
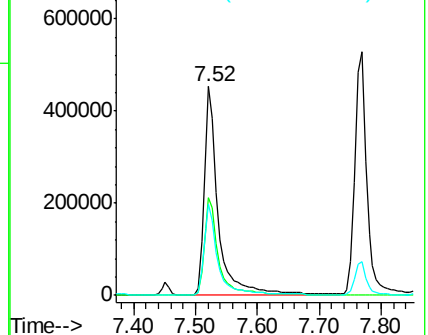
54 43.9 41.4 62.2



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: 39.198 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

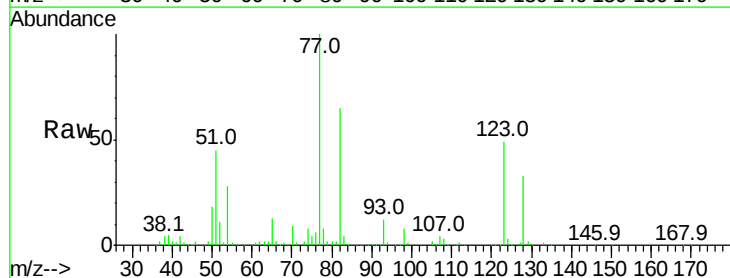
Tgt Ion: 77 Resp: 332821

Ion Ratio Lower Upper

77 100

123 49.1 37.9 56.9

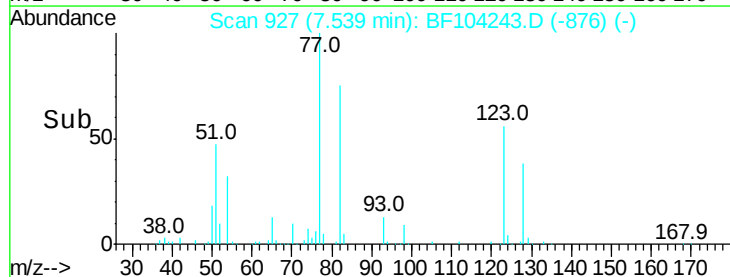
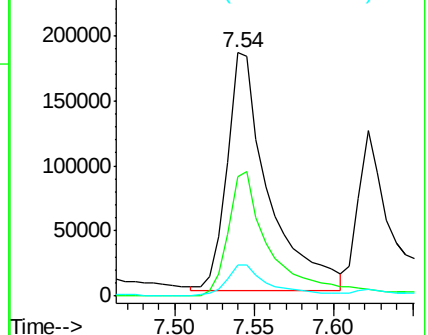
65 12.8 11.0 16.4

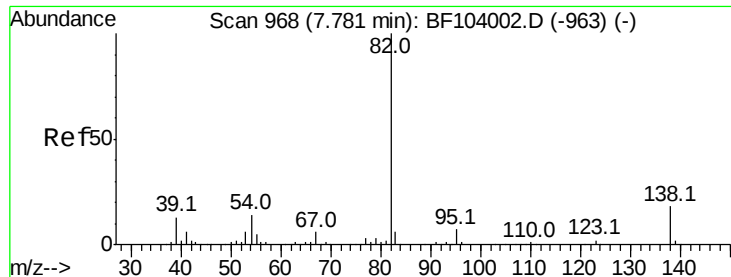


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.710 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

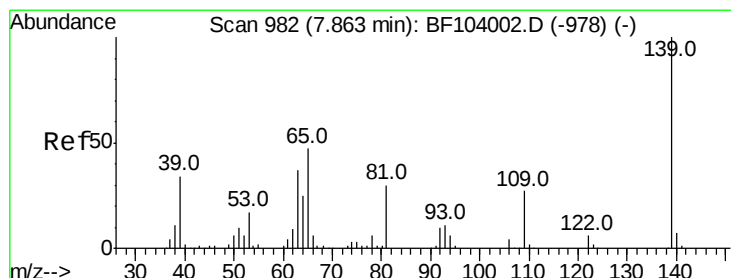
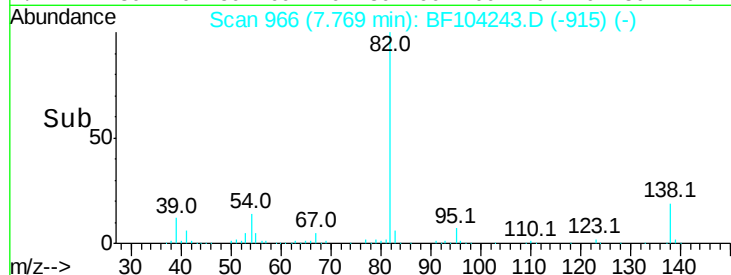
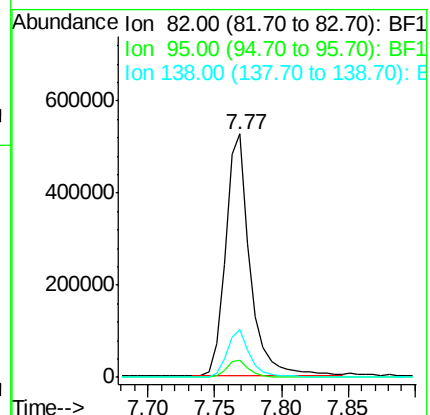
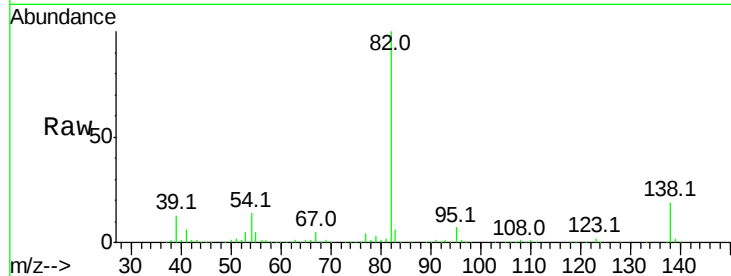
Tot Ion: 82 Resp: 679799

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 19.4 14.9 22.3



#26

2-Nitrophenol

Concen: 42.692 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

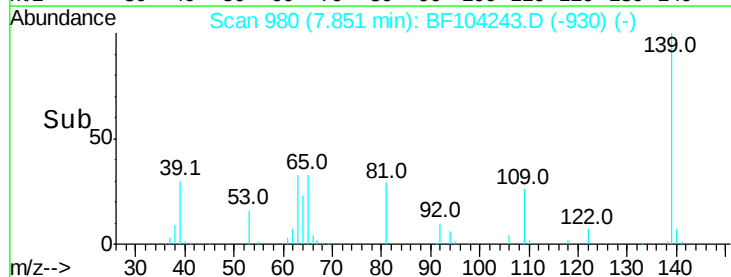
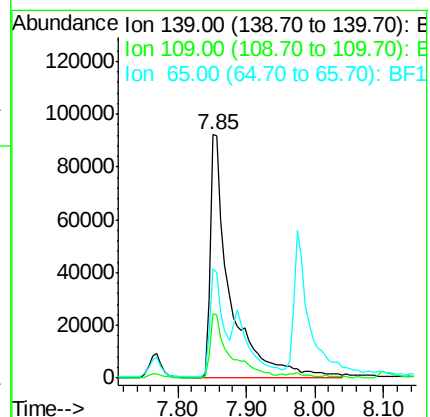
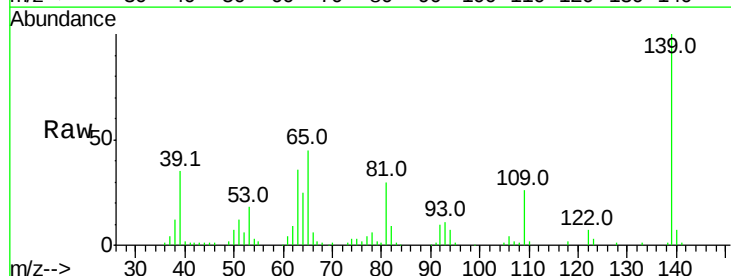
Tgt Ion:139 Resp: 189216

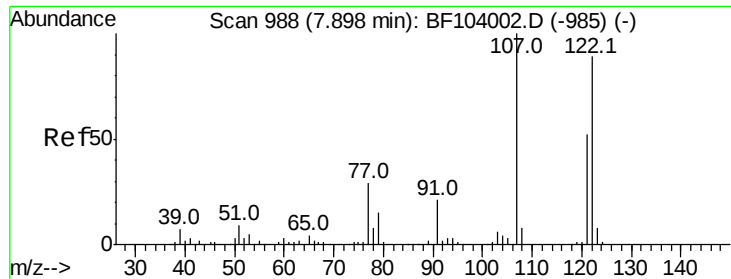
Ion Ratio Lower Upper

139 100

109 26.4 22.7 34.1

65 44.6 40.5 60.7

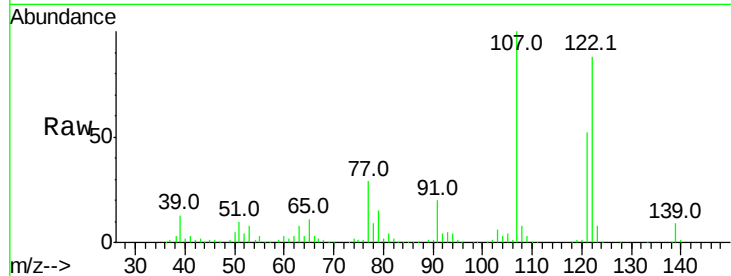




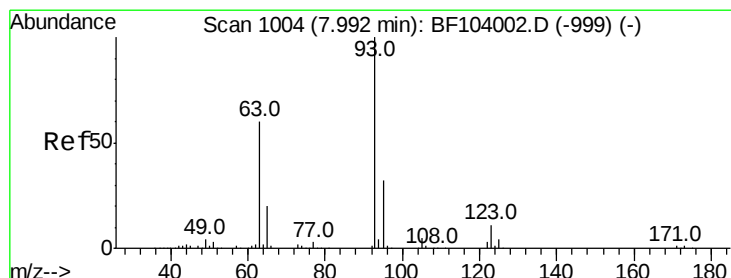
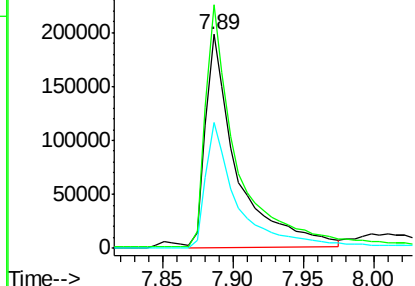
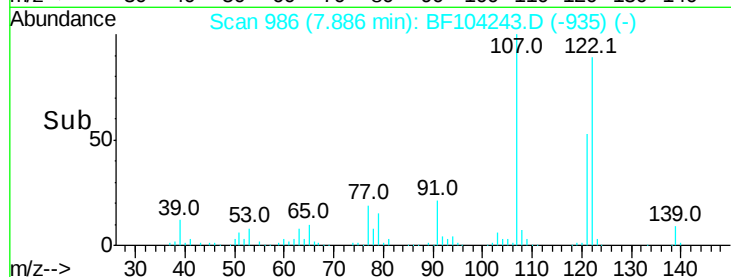
#27
 2,4-Dimethylphenol
 Concen: 48.164 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 307866
 Ion Ratio Lower Upper
 122 100
 107 114.0 91.2 136.8
 121 59.2 47.2 70.8

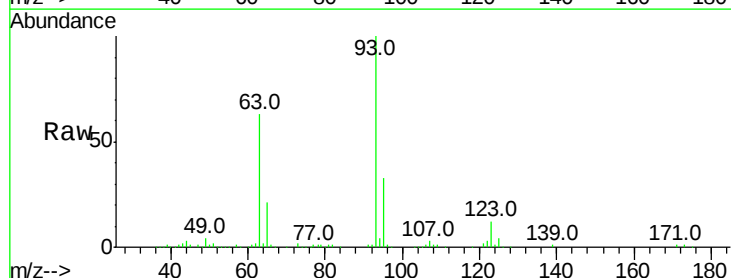


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

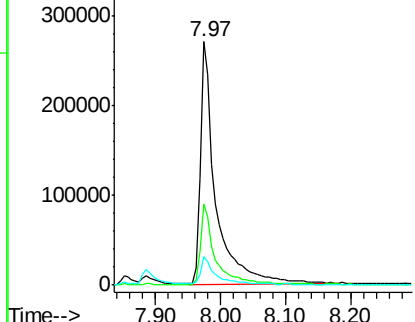
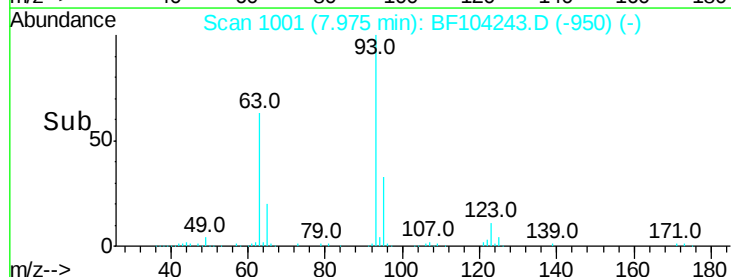


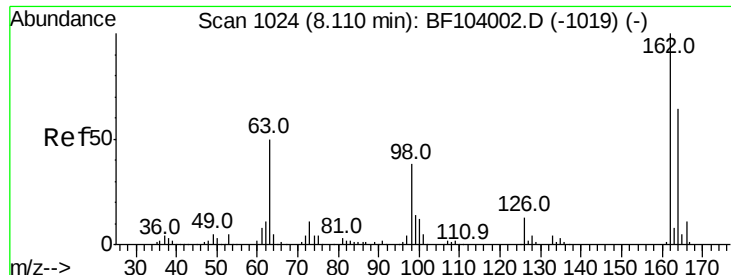
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.468 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion: 93 Resp: 442449
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 11.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

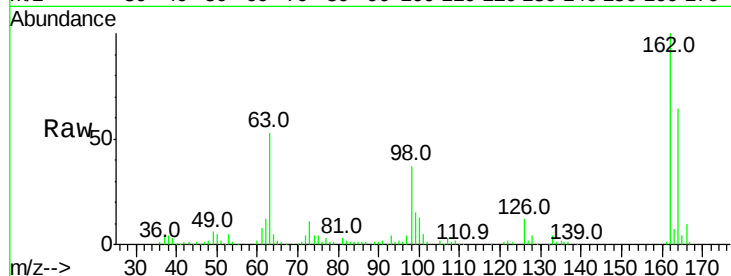




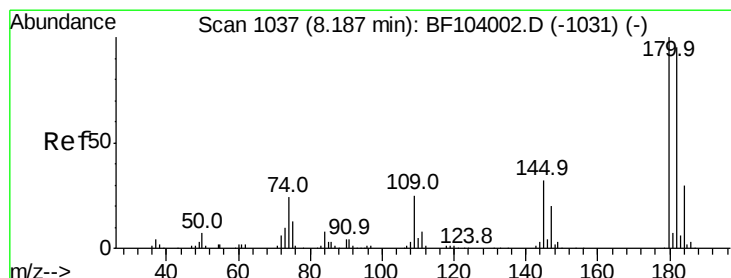
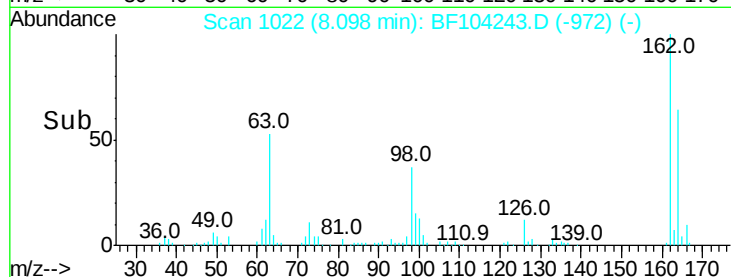
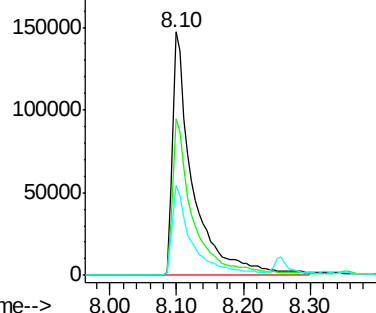
#29
 2,4-Dichlorophenol
 Concen: 46.274 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	37.1	18.1	58.1

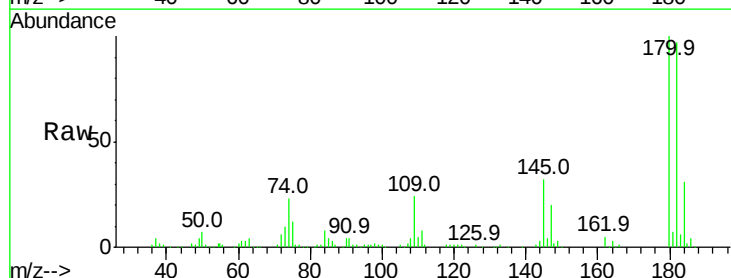


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

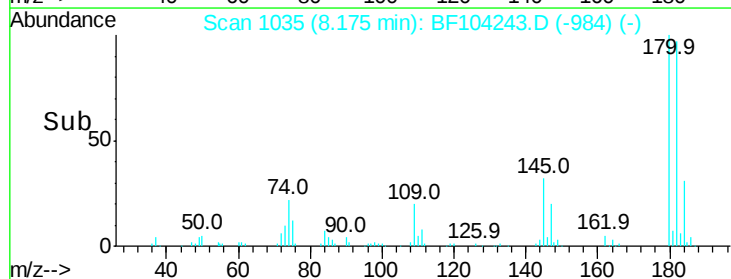
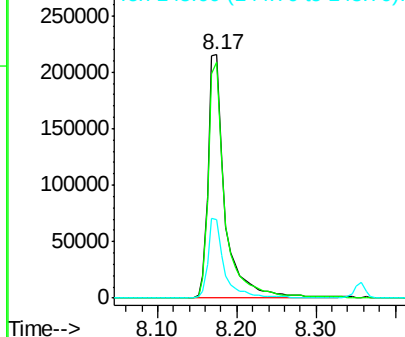


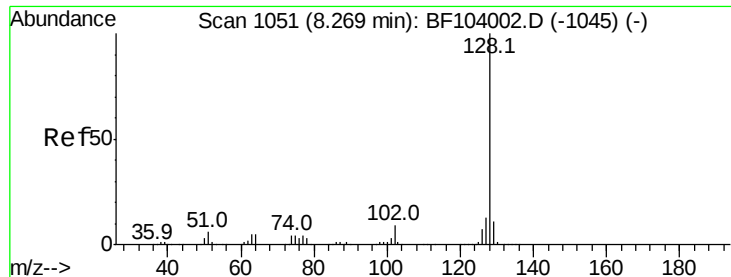
#30
 1,2,4-Trichlorobenzene
 Concen: 42.296 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.8	115.2
145	32.0	26.5	39.7



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

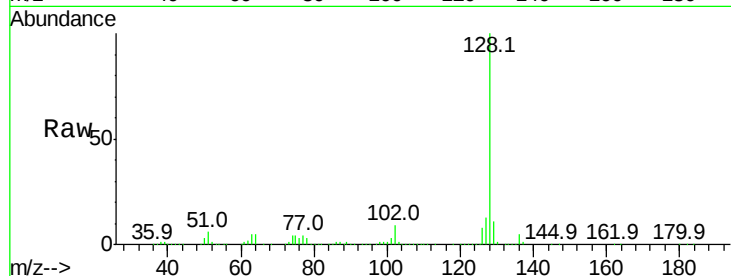




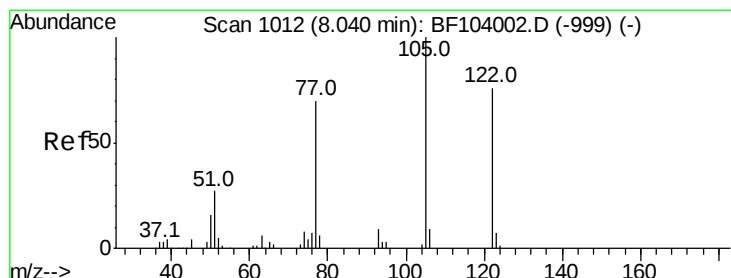
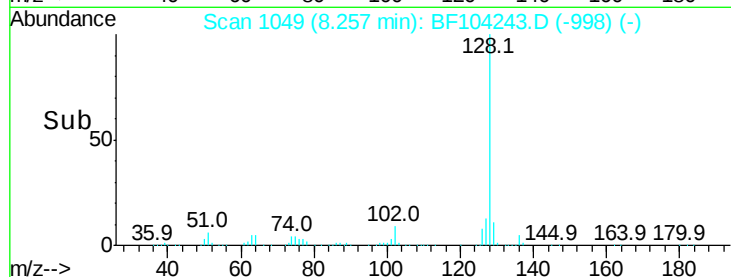
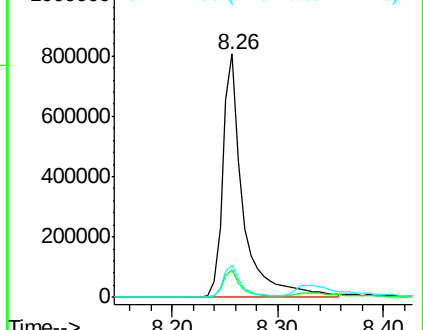
#31
Naphthalene
Concen: 44.550 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1074090
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.9 16.3

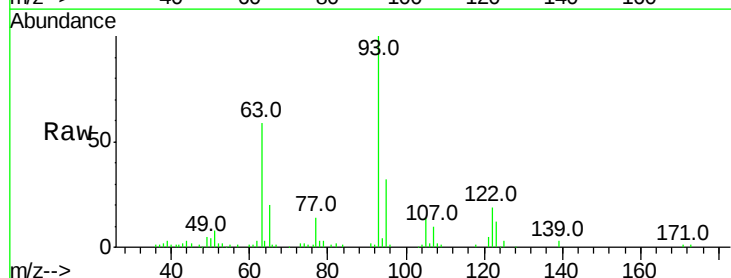


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

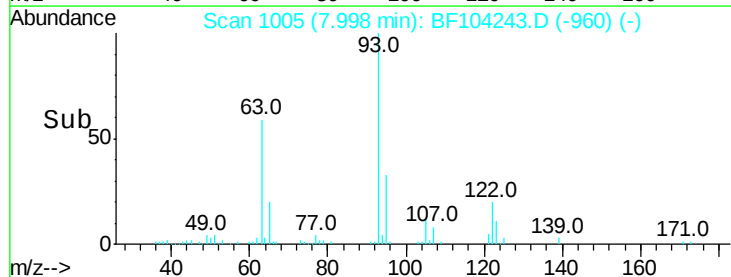
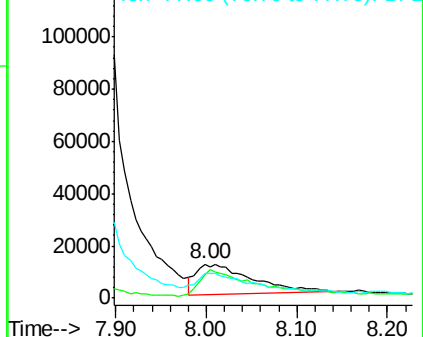


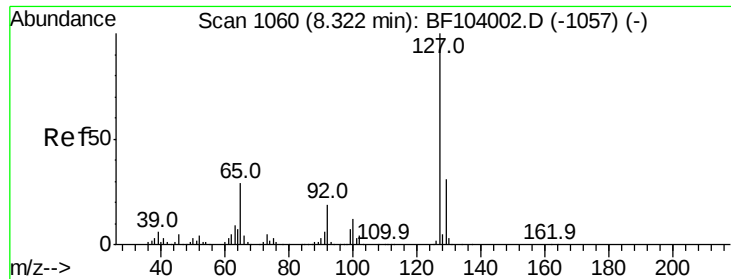
#32
Benzoic acid
Concen: 10.620 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.04 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion:122 Resp: 49730
Ion Ratio Lower Upper
122 100
105 70.0 101.1 141.1#
77 71.8 70.7 110.7



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

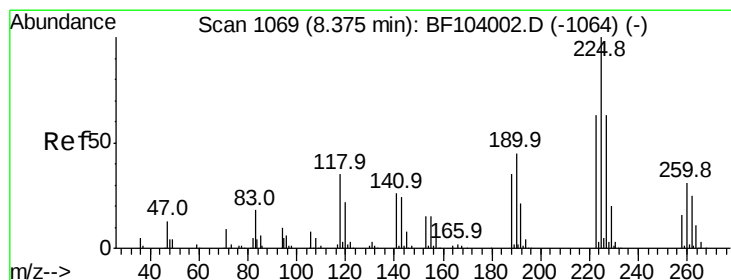
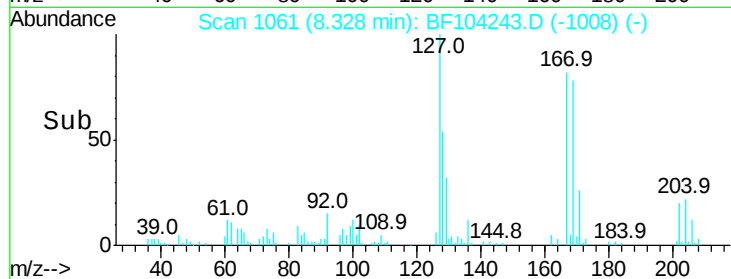
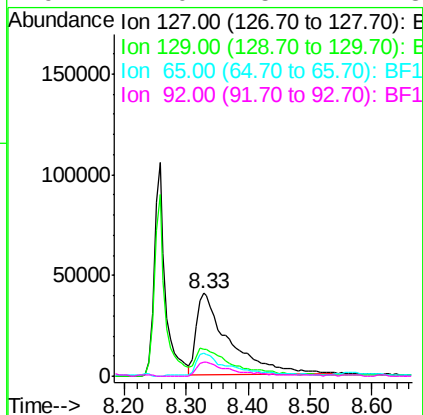
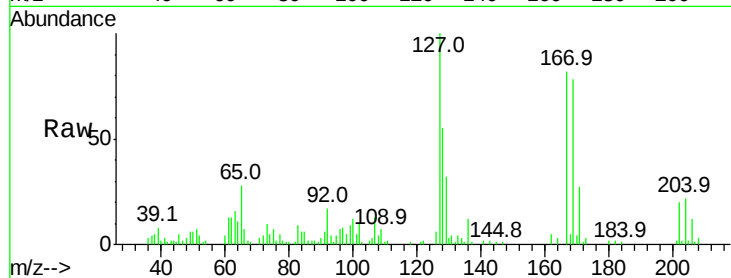




#33
 4-Chloroaniline
 Concen: 14.692 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

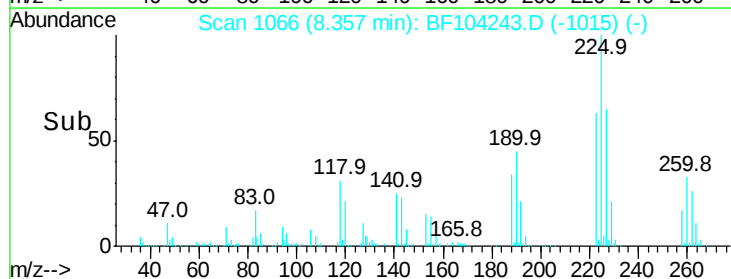
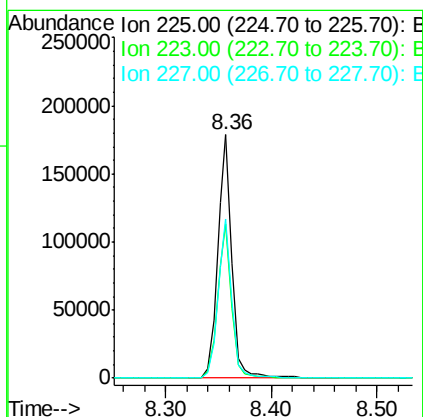
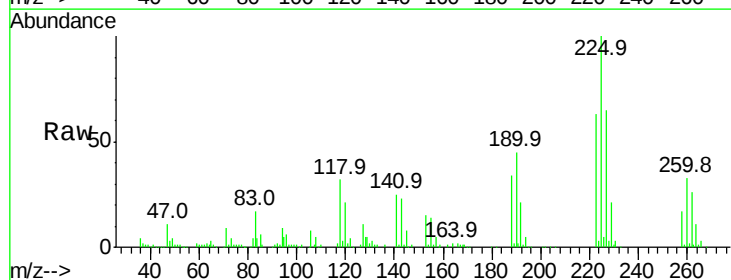
Instrument :
 BNA_F
 ClientSampleId :

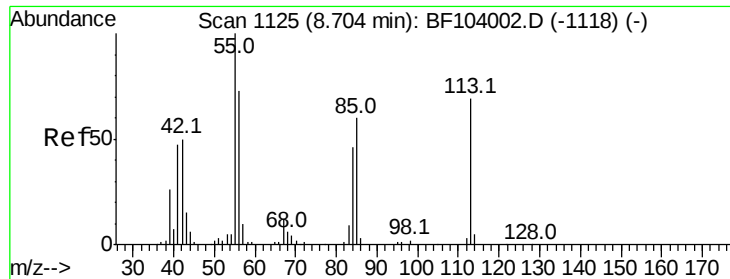
Tot Ion:	127	Resp:	149337
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	28.4	25.0	37.4
92	17.0	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 41.180 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion:	225	Resp:	169756
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	65.4	51.9	77.9





#35

Caprolactam

Concen: 40.706 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampled :

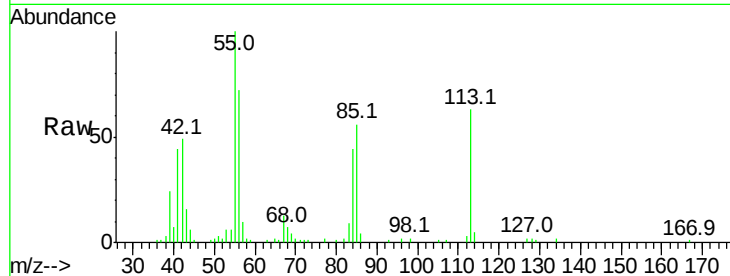
Tot Ion:113 Resp: 86173

Ion Ratio Lower Upper

113 100

55 159.0 163.3 203.3#

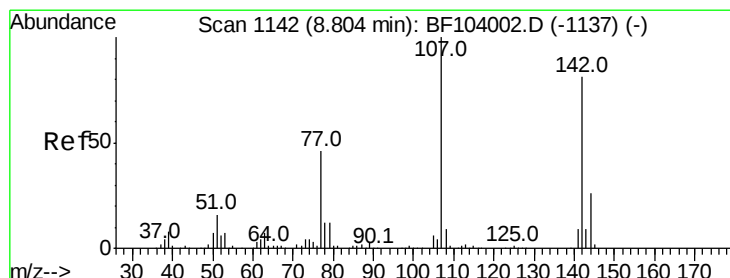
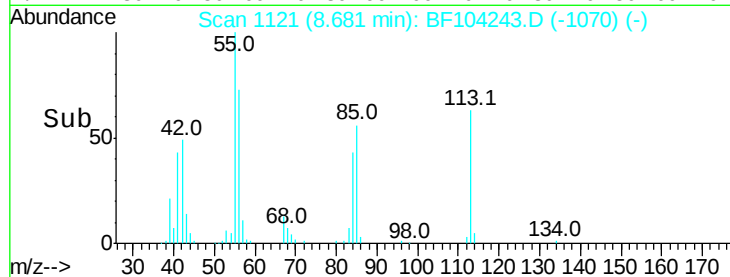
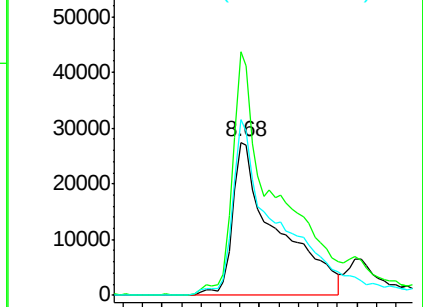
56 115.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.779 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

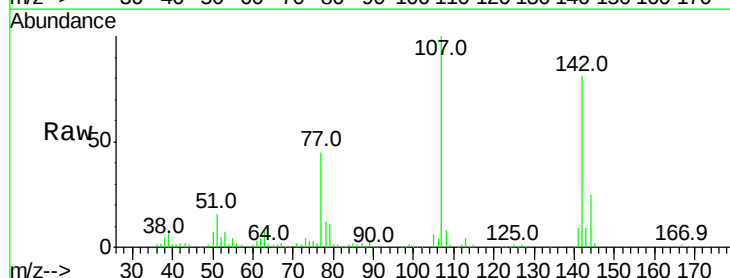
Tgt Ion:107 Resp: 323285

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

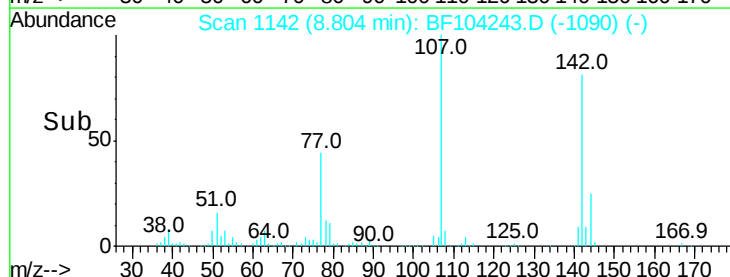
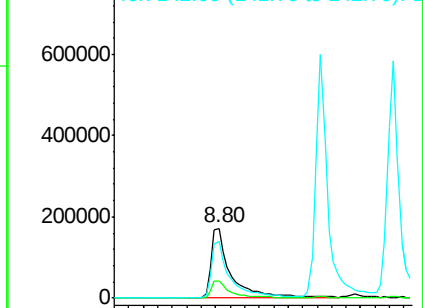
142 80.6 62.0 93.0

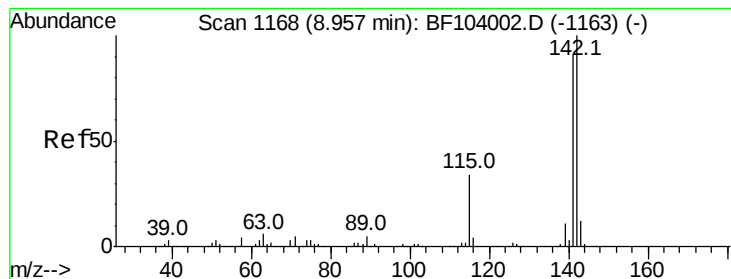


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

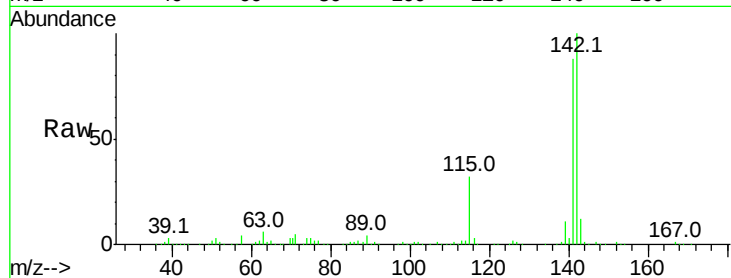




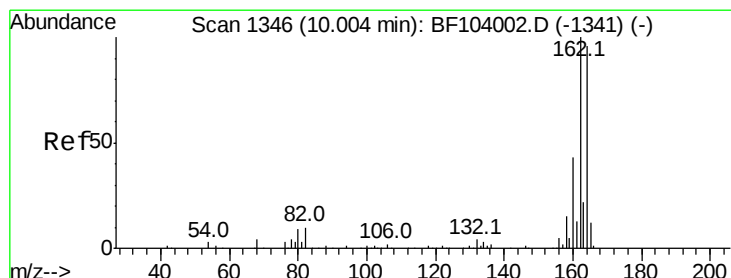
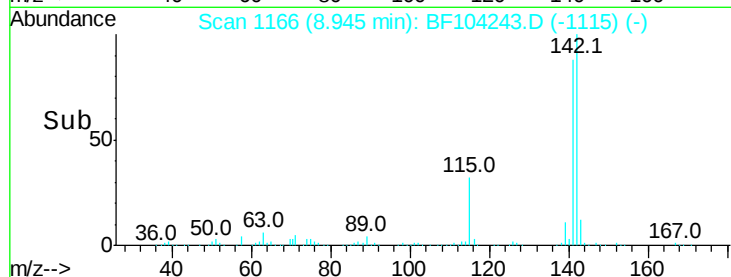
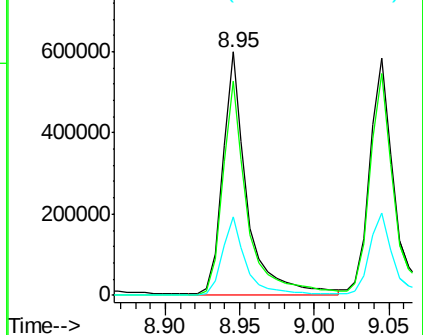
#37
2-Methylnaphthalene
Concen: 43.156 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	32.3	26.1	39.1

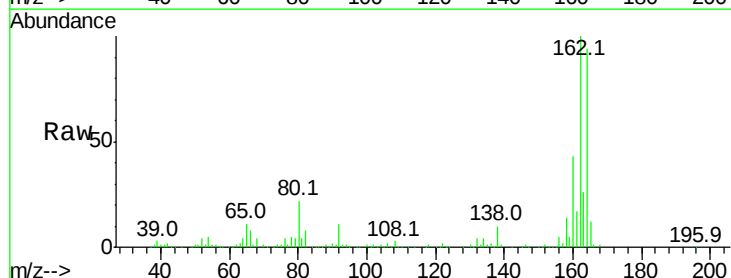


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

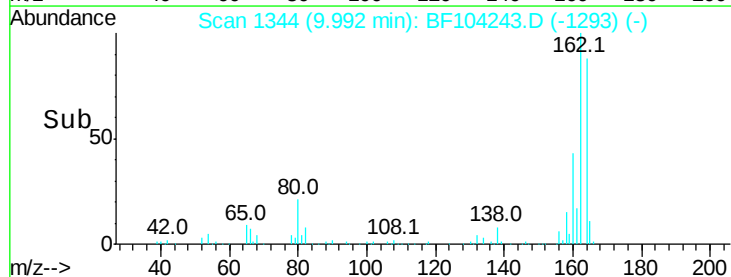
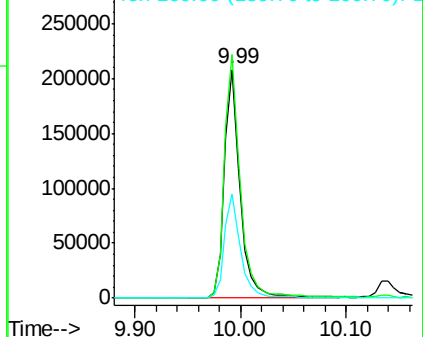


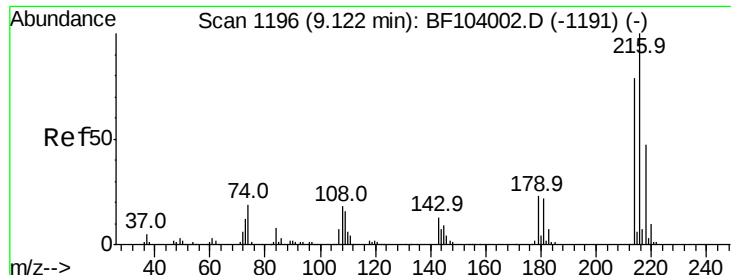
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	45.8	38.3	57.5



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

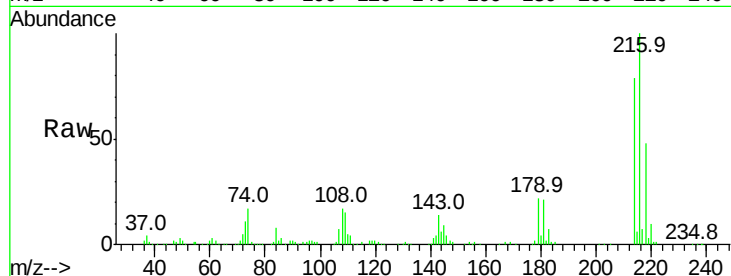




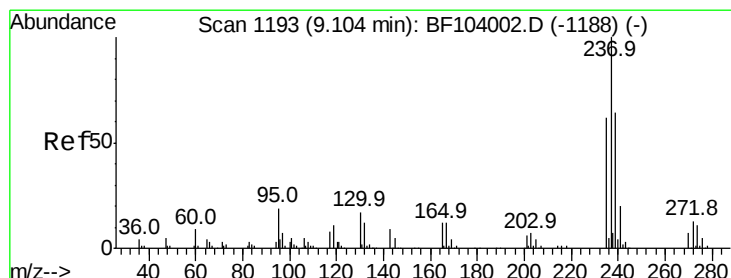
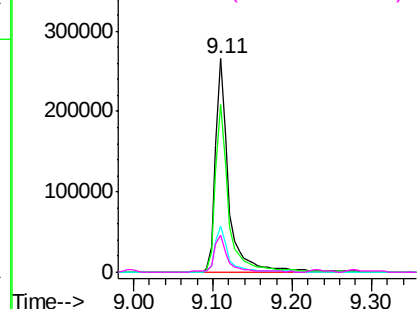
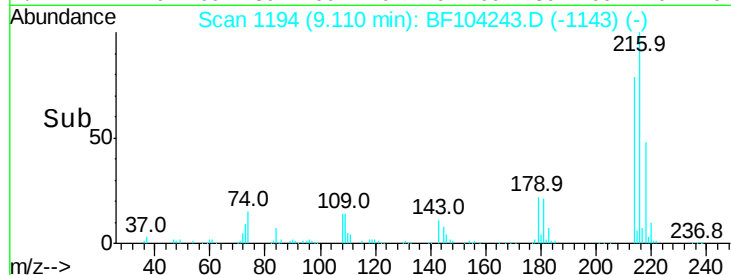
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.841 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	308471
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	22.0	18.1	27.1
108	18.1	17.2	25.8

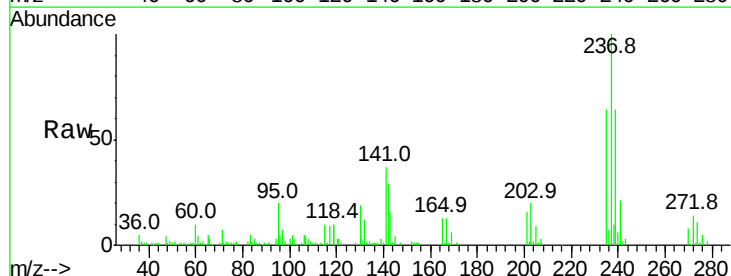


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

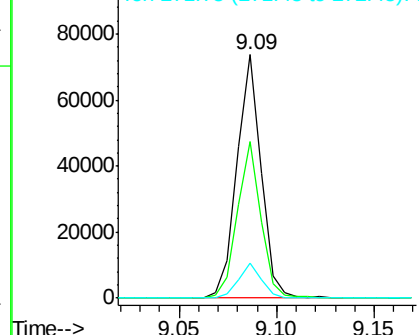
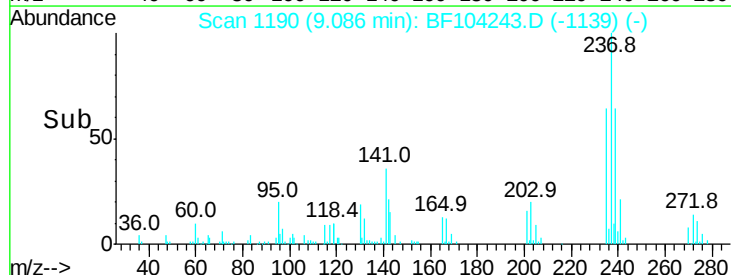


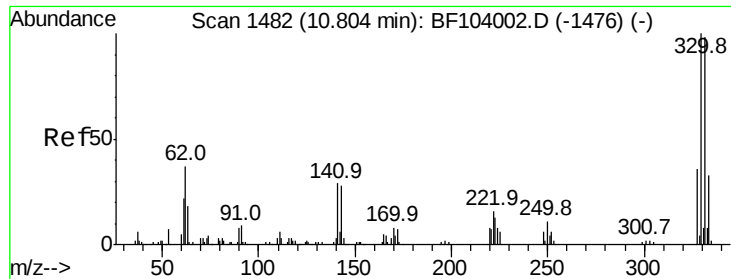
#40
 Hexachlorocyclopentadiene
 Concen: 24.075 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion:	237	Resp:	63467
Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.8	84.8
272	14.2	0.0	33.3



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

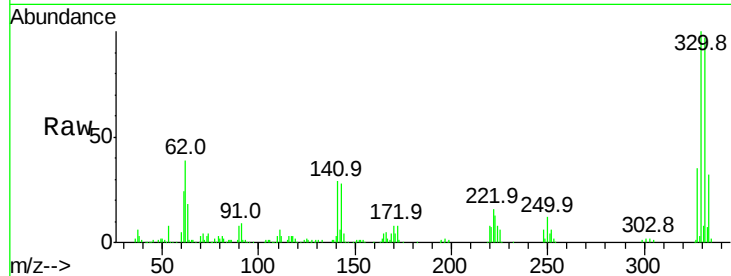




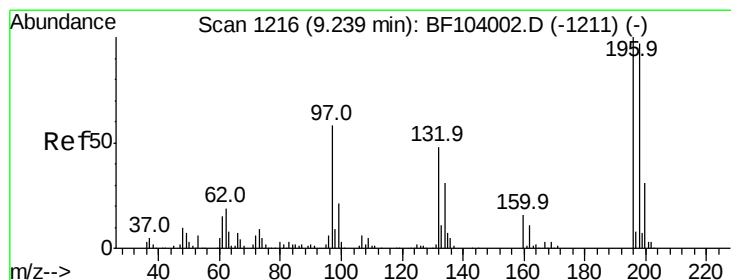
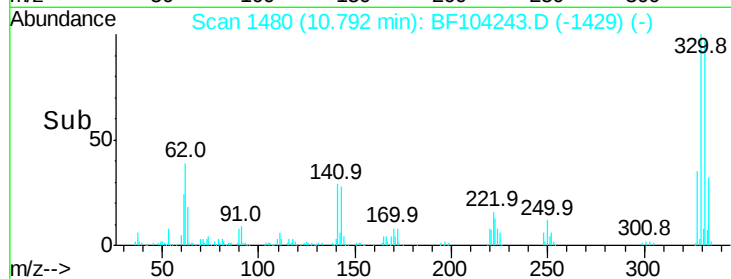
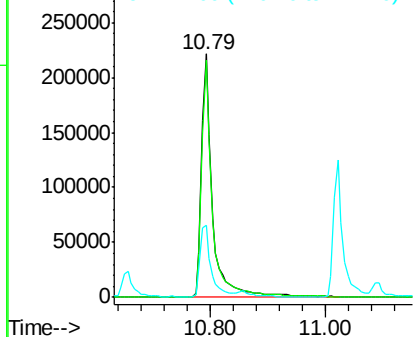
#41
 2,4,6-Tribromophenol
 Concen: 123.320 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	28.4	29.9	44.9#

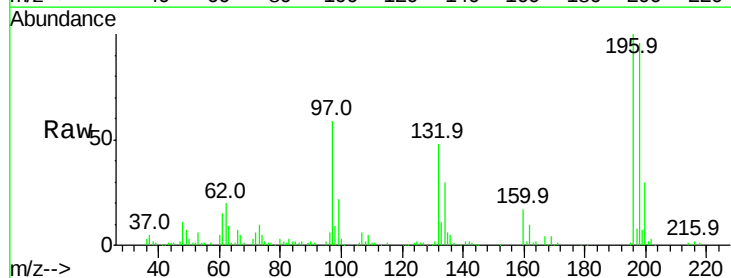


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

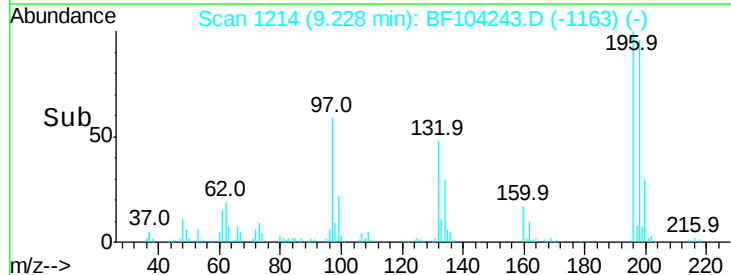
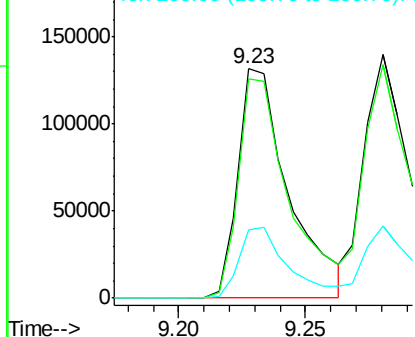


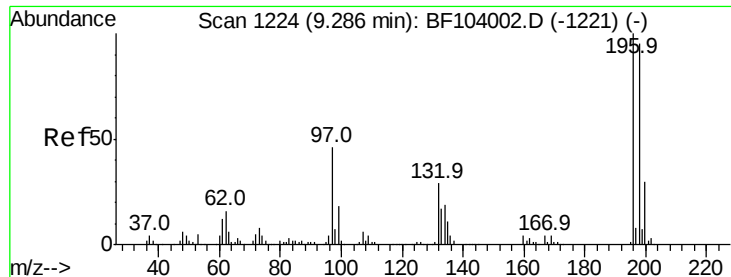
#42
 2,4,6-Trichlorophenol
 Concen: 43.090 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	29.7	24.5	36.7



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

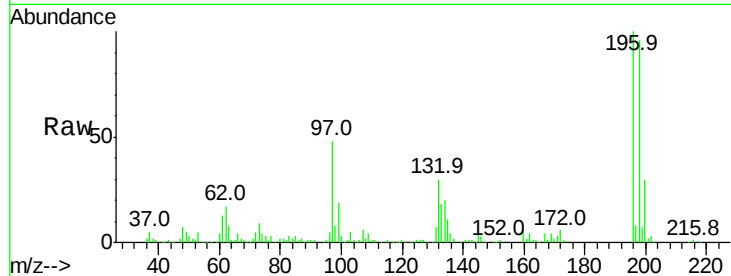




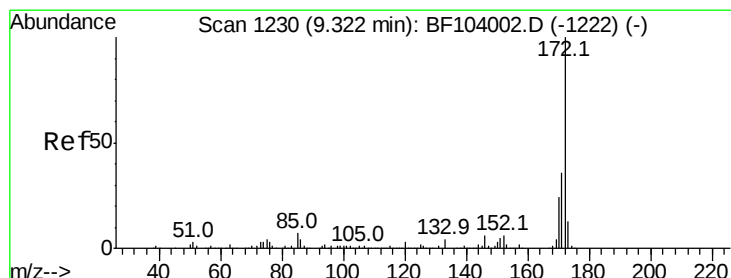
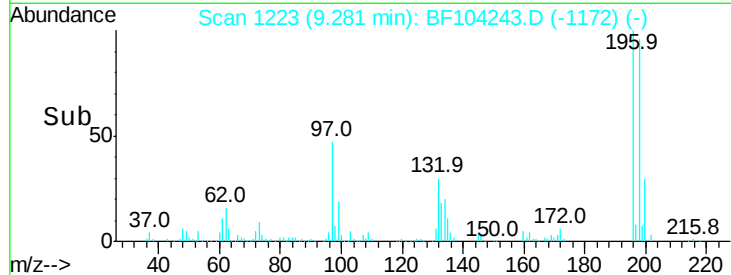
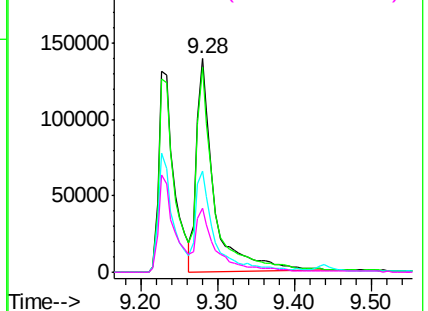
#43
 2,4,5-Trichlorophenol
 Concen: 43.329 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 222919
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.6 112.0
 97 47.5 42.9 64.3
 132 30.2 26.3 39.5

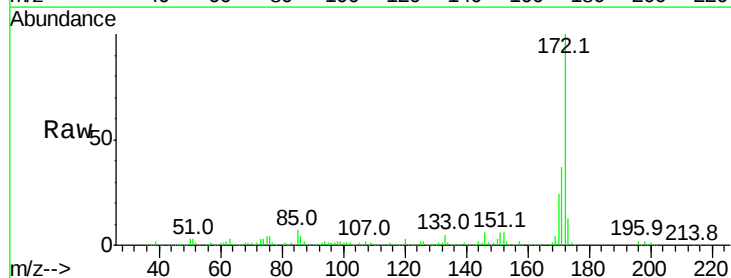


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

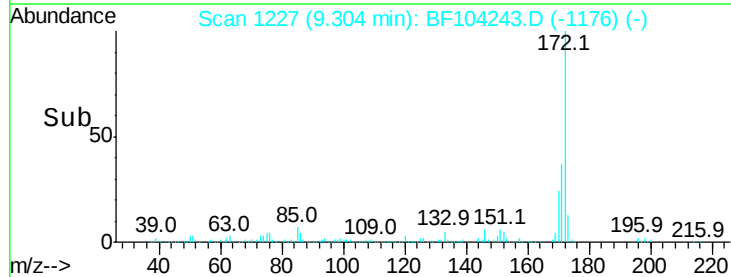
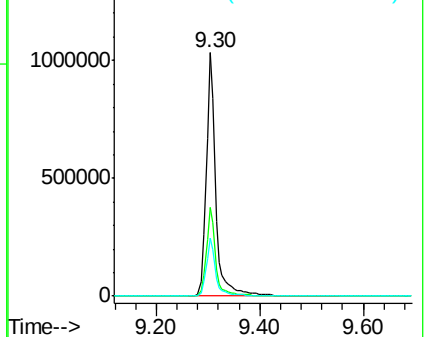


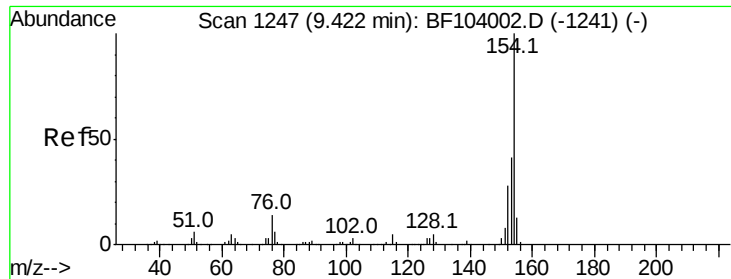
#44
 2-Fluorobiphenyl
 Concen: 96.879 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion:172 Resp: 1348128
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.1 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 45.044 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampled :

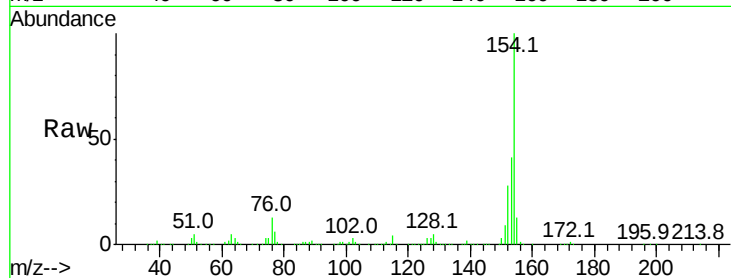
Tot Ion:154 Resp: 848350

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

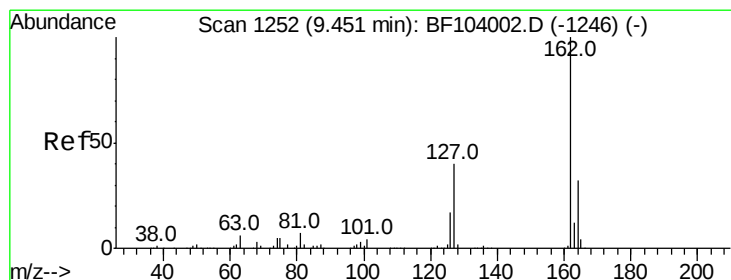
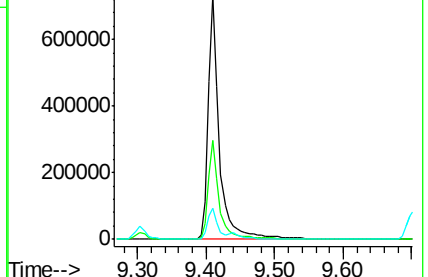
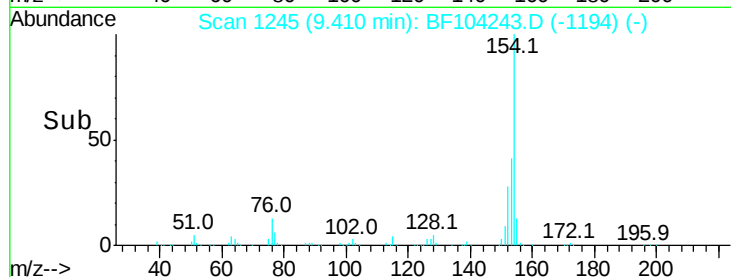
76 12.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 44.779 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

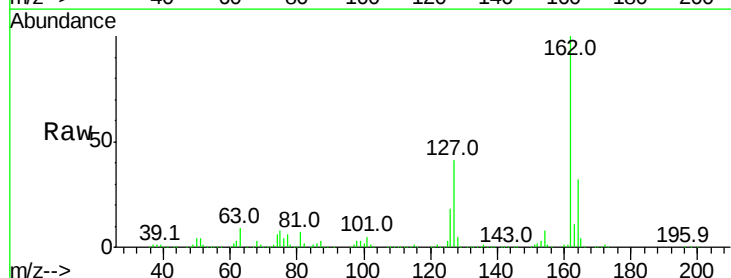
Tgt Ion:162 Resp: 665248

Ion Ratio Lower Upper

162 100

127 41.2 33.9 50.9

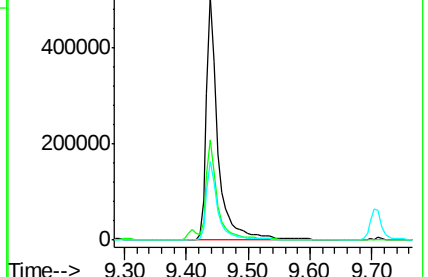
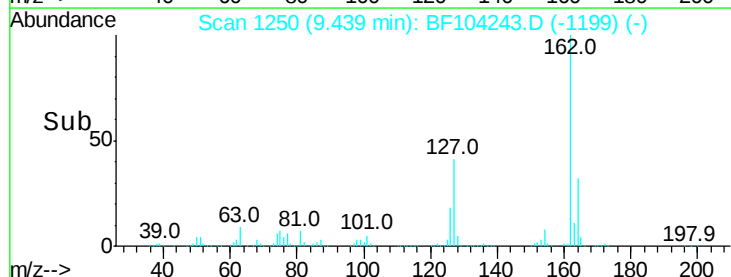
164 32.4 26.5 39.7

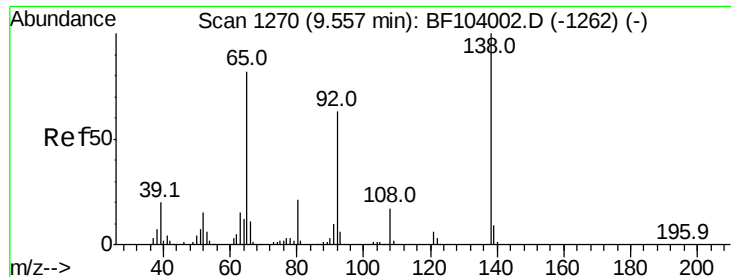


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

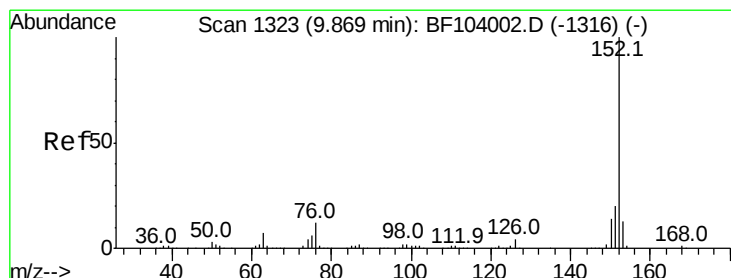
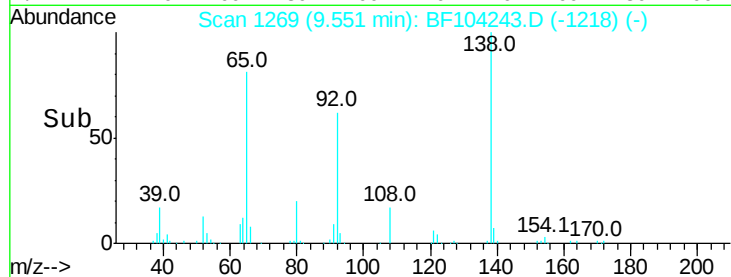
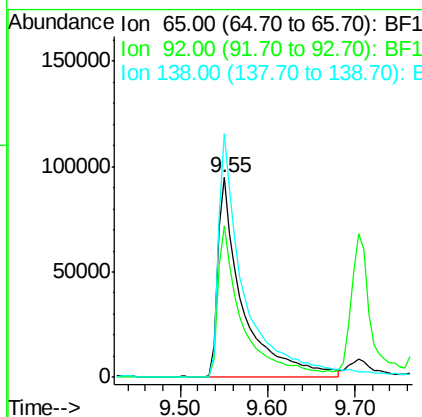
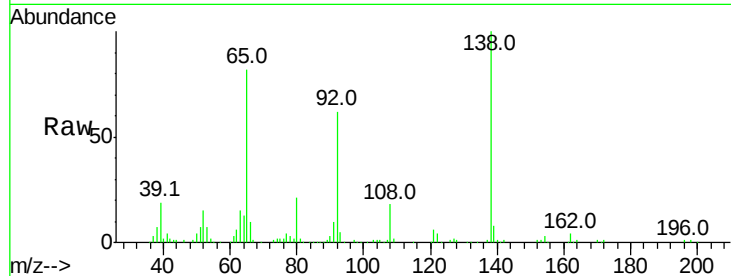




#47
2-Nitroaniline
Concen: 44.140 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

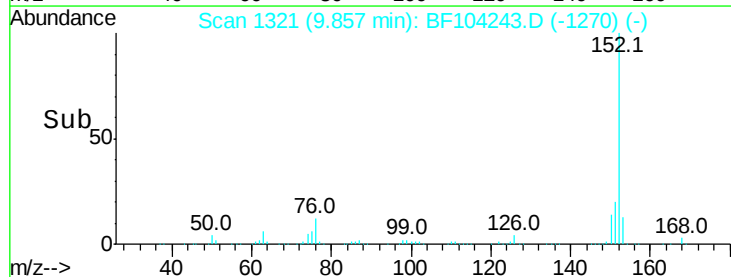
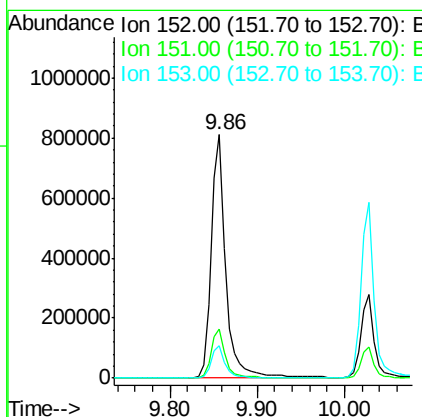
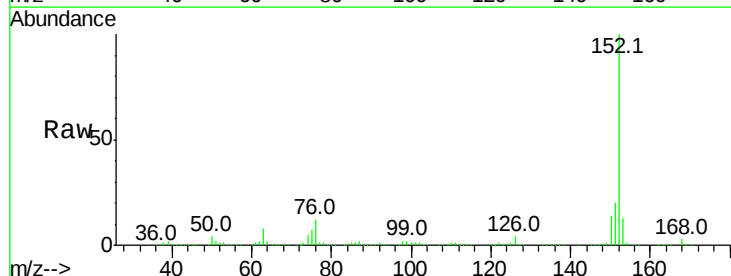
Instrument :
BNA_F
ClientSampleId :

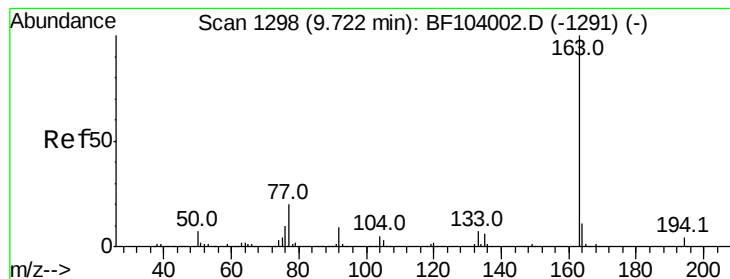
Tot Ion: 65 Resp: 186986
Ion Ratio Lower Upper
65 100
92 76.0 55.8 83.6
138 121.8 91.2 136.8



#48
Acenaphthylene
Concen: 41.871 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion: 152 Resp: 942381
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 49.455 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

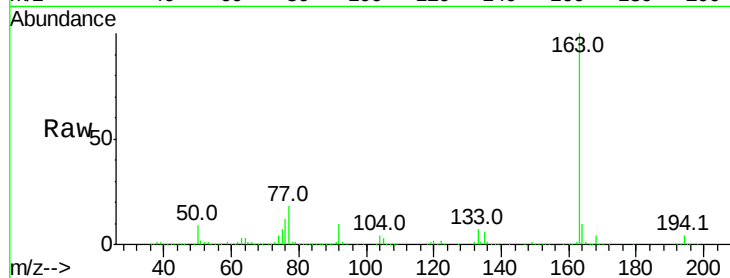
Tot Ion:163 Resp: 856831

Ion Ratio Lower Upper

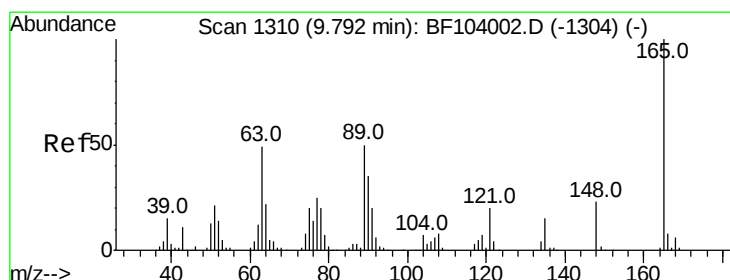
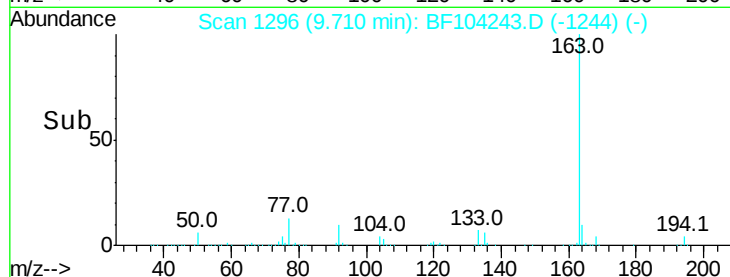
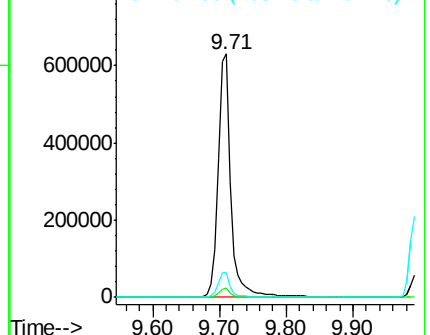
163 100

194 3.8 2.7 4.1

164 10.0 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 44.173 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

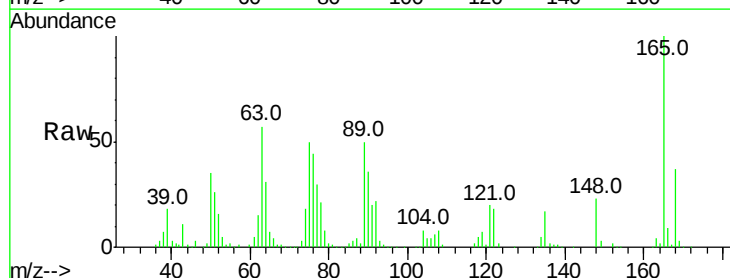
Tgt Ion:165 Resp: 164649

Ion Ratio Lower Upper

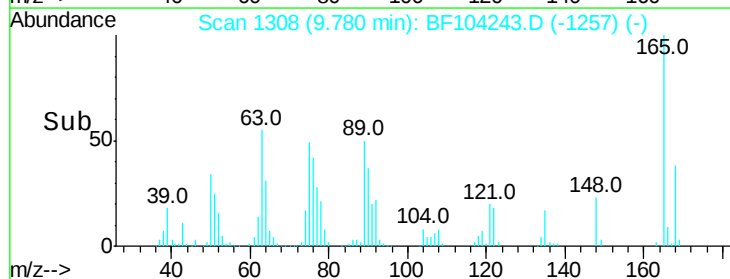
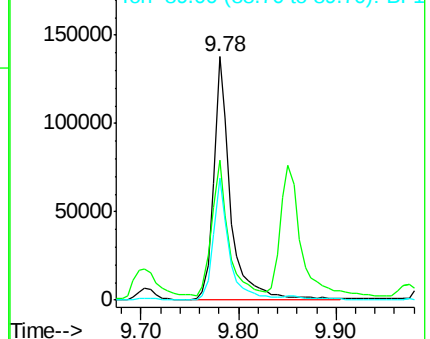
165 100

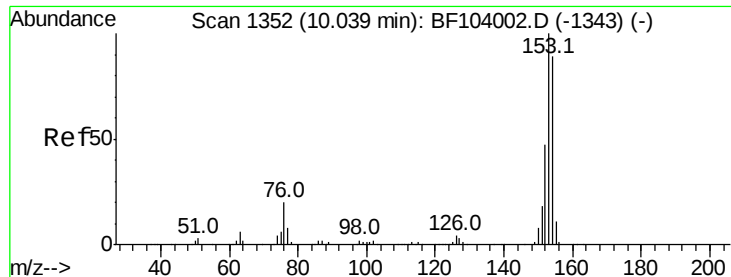
63 57.3 44.7 67.1

89 50.3 44.0 66.0



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





#51

Acenaphthene

Concen: 43.486 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampled :

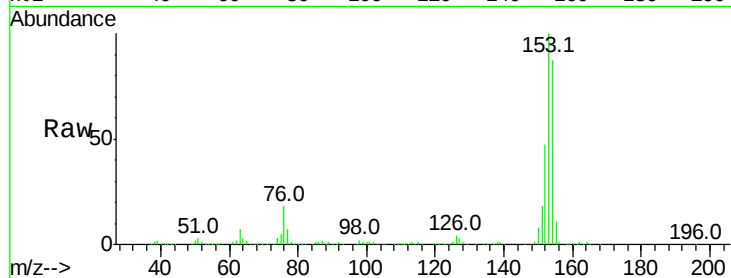
Tot Ion:154 Resp: 566193

Ion Ratio Lower Upper

154 100

153 115.0 91.2 136.8

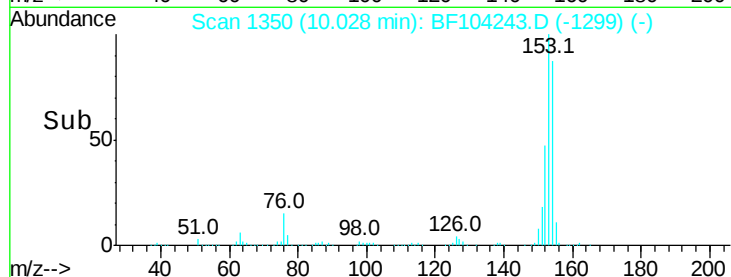
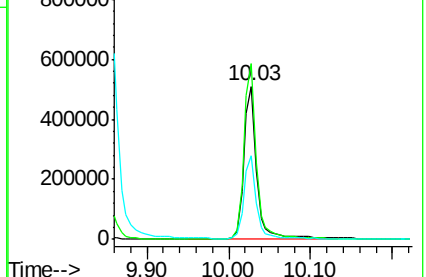
152 54.6 43.8 65.8



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



#52

3-Nitroaniline

Concen: 26.478 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

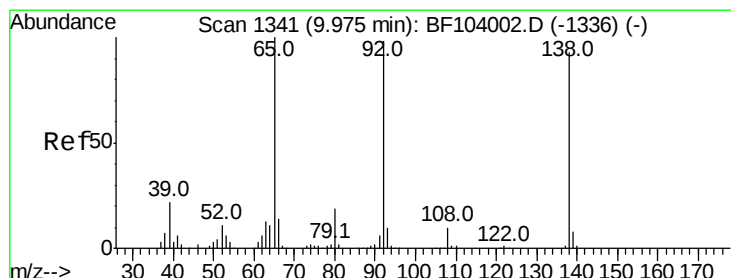
Tgt Ion:138 Resp: 113453

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

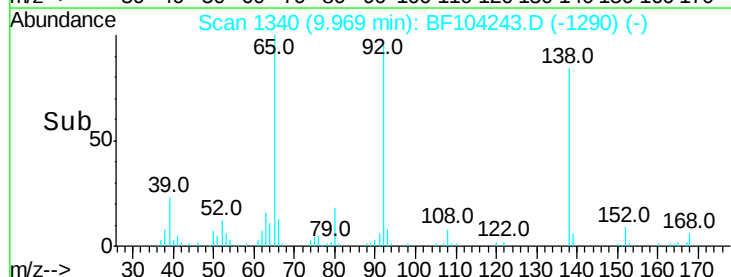
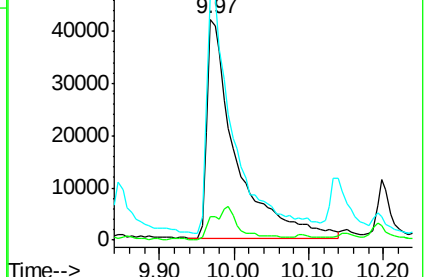
92 110.2 89.4 134.2

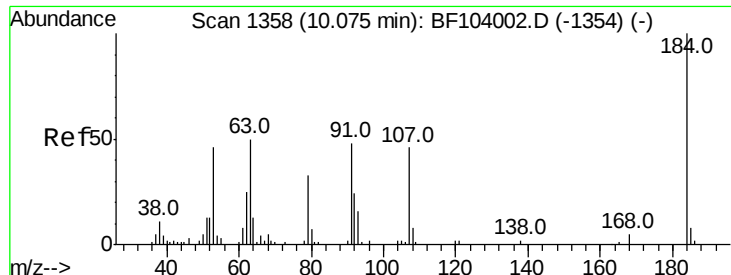


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

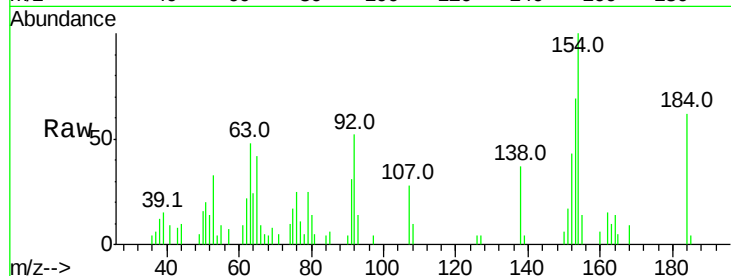




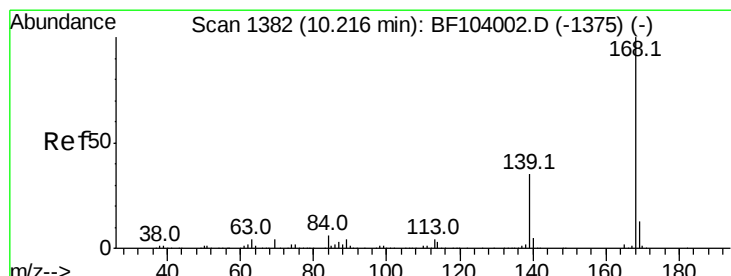
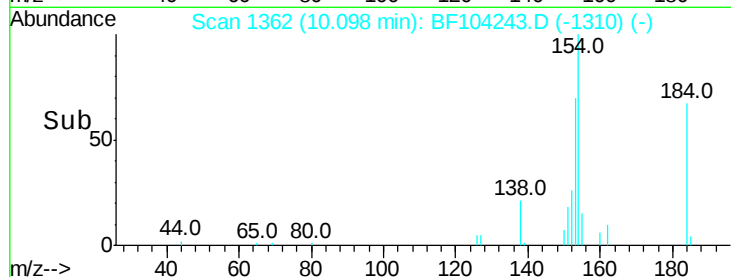
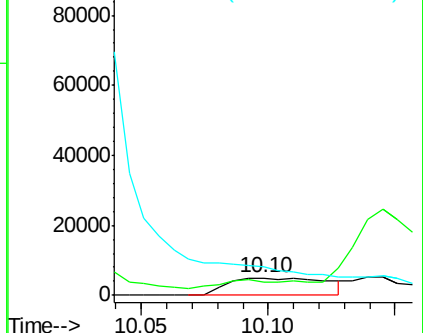
#53
 2,4-Dinitrophenol
 Concen: 13.347 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 13599
 Ion Ratio Lower Upper
 184 100
 63 76.7 54.2 81.2
 154 160.6 184.0 276.0#

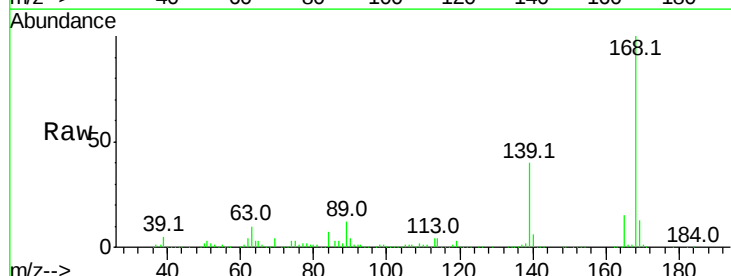


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

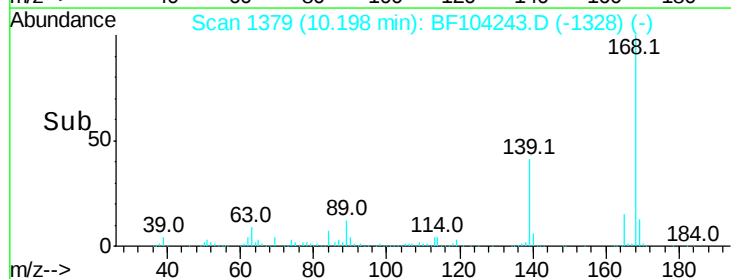
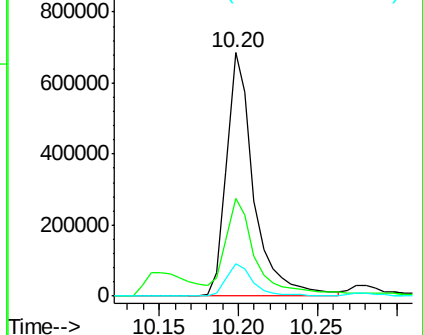


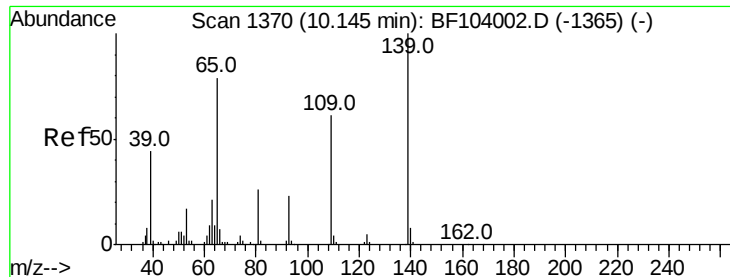
#54
 Dibenzofuran
 Concen: 43.126 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion:168 Resp: 819957
 Ion Ratio Lower Upper
 168 100
 139 40.2 30.1 45.1
 169 13.3 10.9 16.3



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





#55

4-Nitrophenol

Concen: 52.956 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

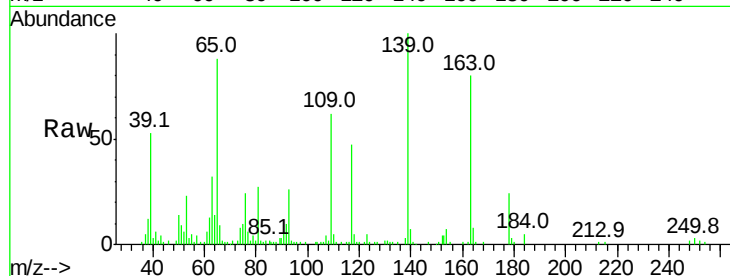
Tot Ion:139 Resp: 136053

Ion Ratio Lower Upper

139 100

109 62.1 48.4 88.4

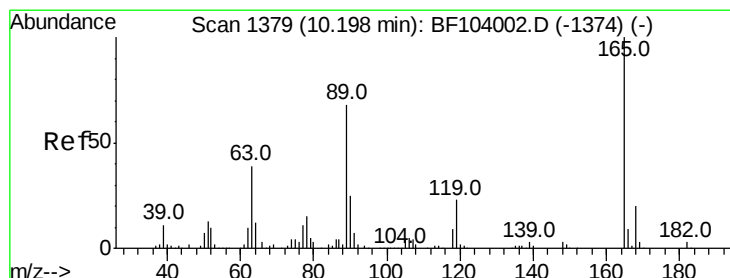
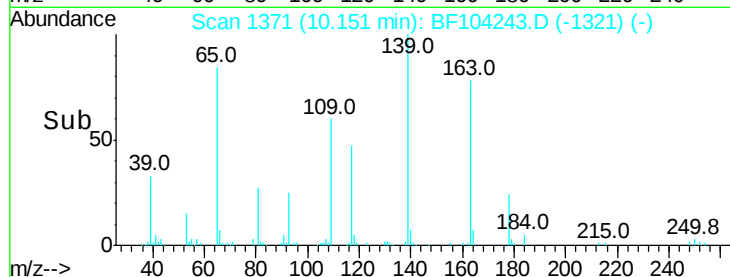
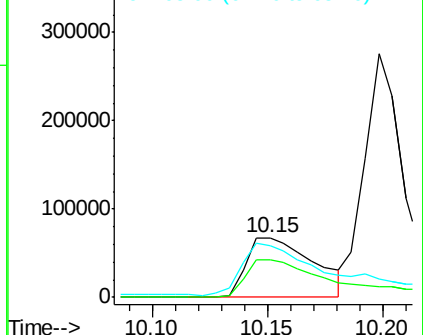
65 87.6 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 40.862 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Tgt Ion:165 Resp: 194353

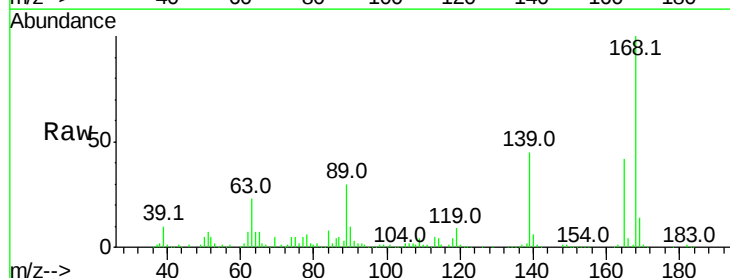
Ion Ratio Lower Upper

165 100

63 54.1 36.4 54.6

89 72.8 57.8 86.6

182 2.7 1.6 2.4#

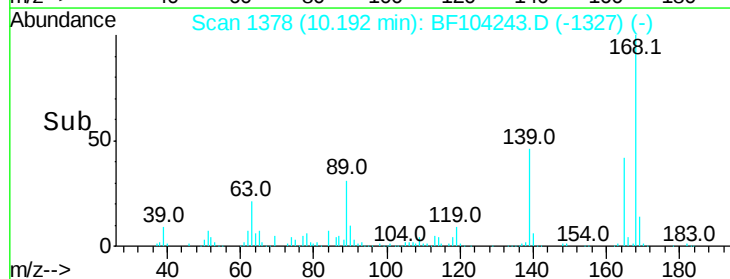
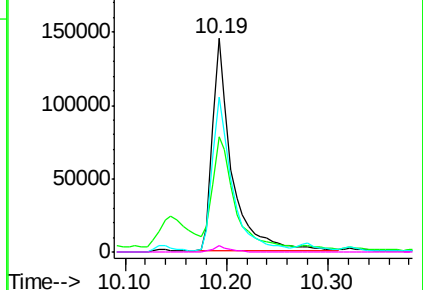


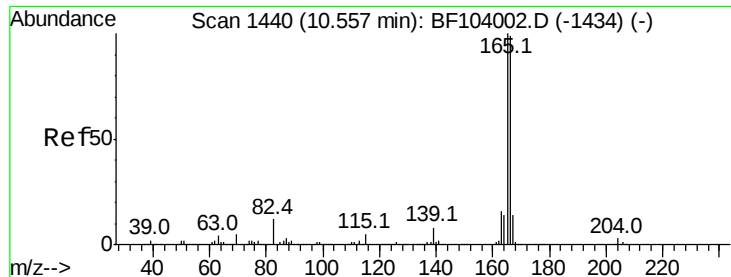
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

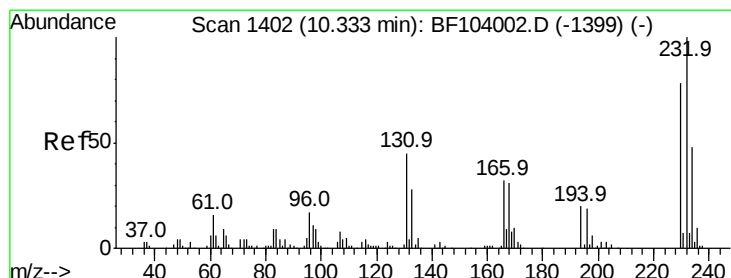
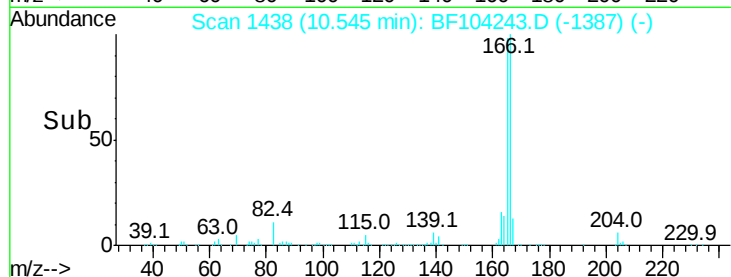
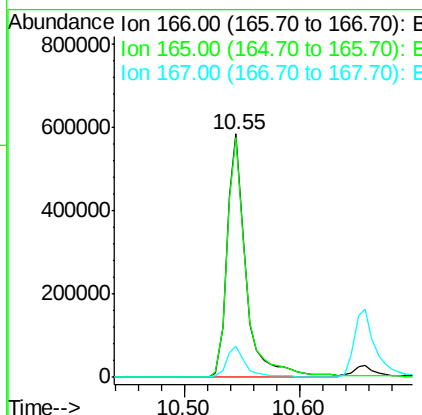
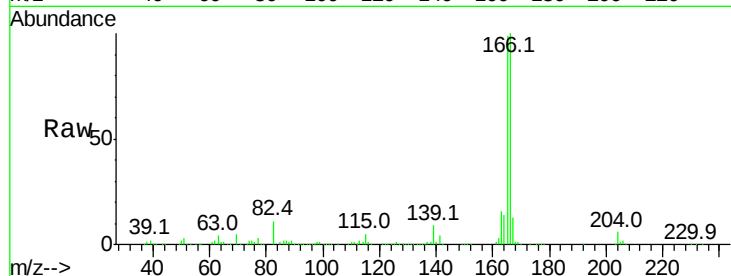




#57
 Fluorene
 Concen: 41.832 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

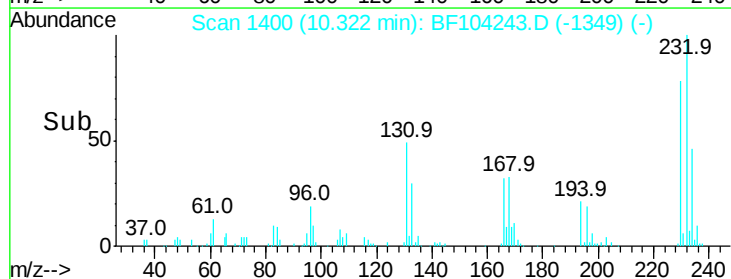
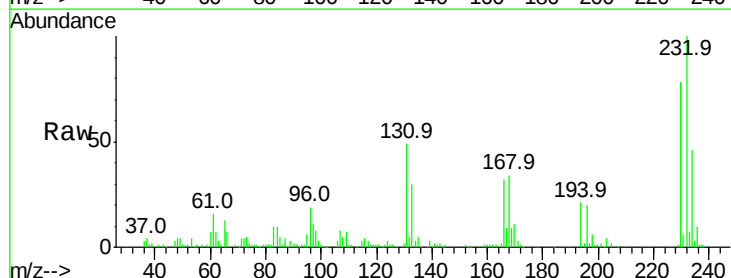
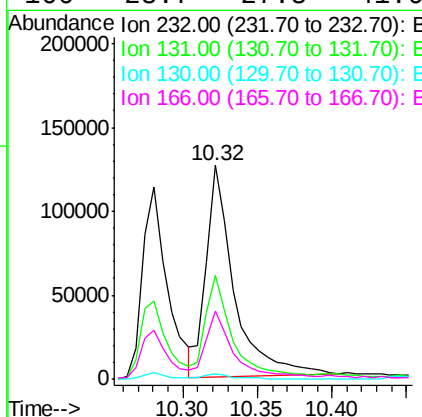
Instrument :
 BNA_F
 ClientSampleId :

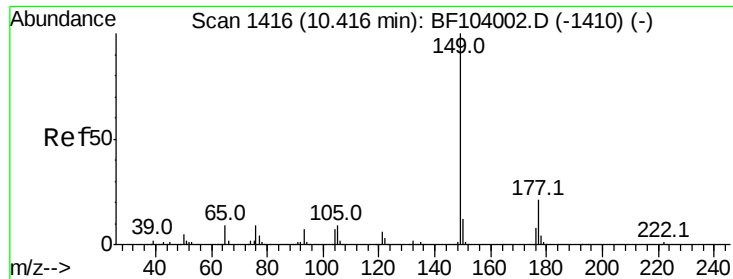
Tot Ion:166 Resp: 656078
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.463 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion:232 Resp: 163677
 Ion Ratio Lower Upper
 232 100
 131 43.9 43.8 65.8
 130 2.2 2.1 3.1
 166 28.7 27.8 41.6

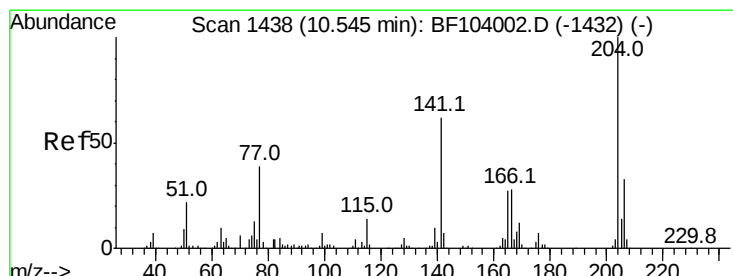
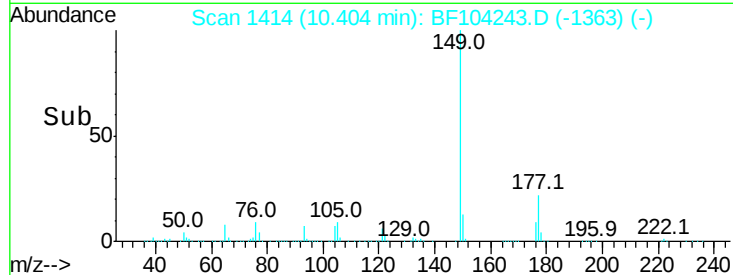
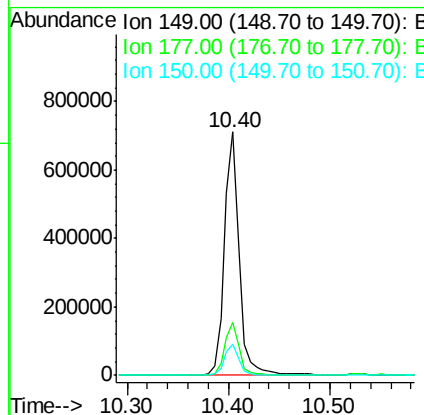
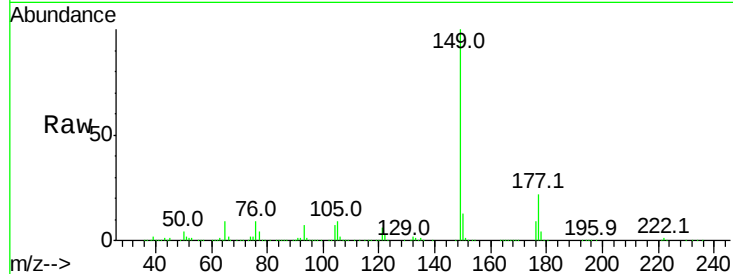




#59
 Diethylphthalate
 Concen: 43.245 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

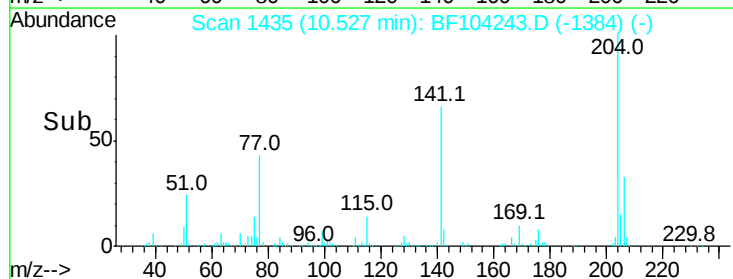
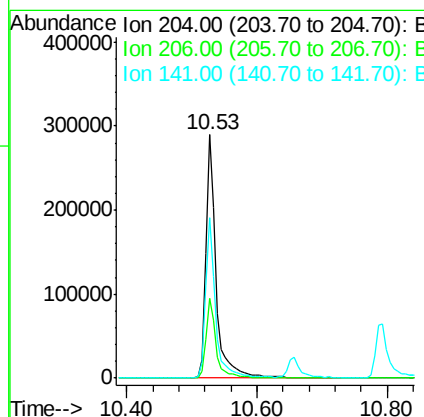
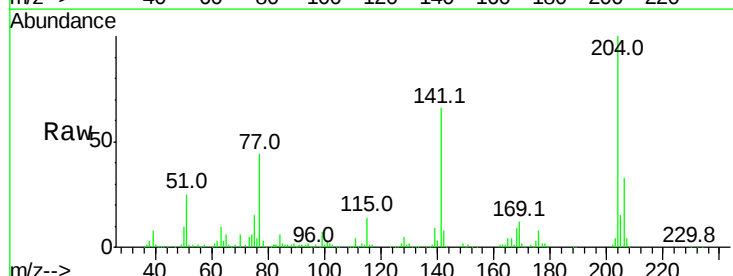
Instrument :
 BNA_F
 ClientSampleId :

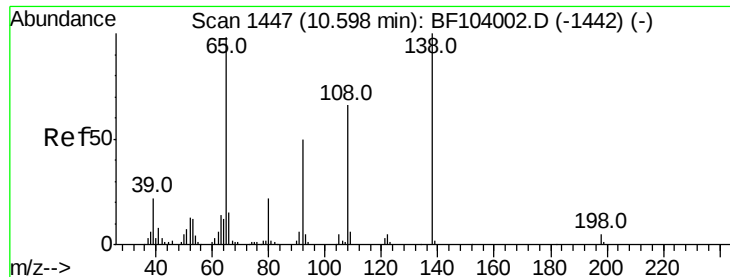
Tot Ion:	149	Resp:	717756
Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.7	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 43.808 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion:	204	Resp:	315567
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	66.0	54.6	81.8

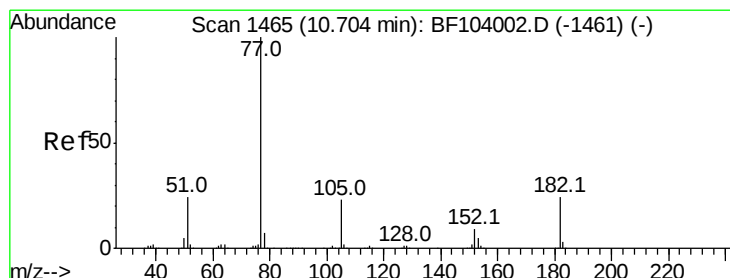
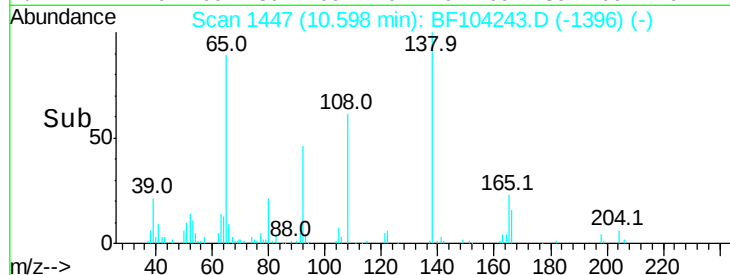
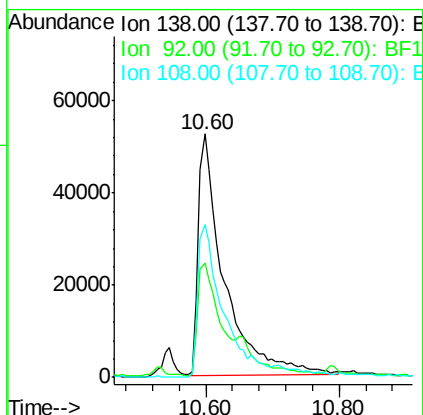
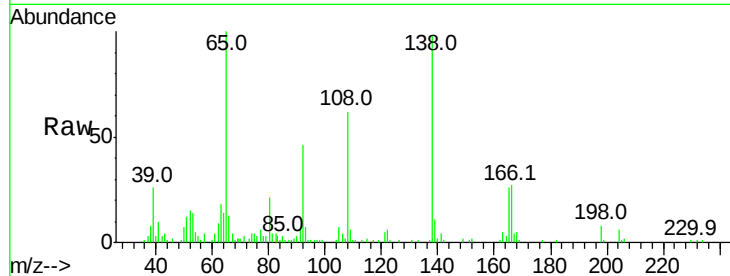




#61
4-Nitroaniline
Concen: 34.844 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

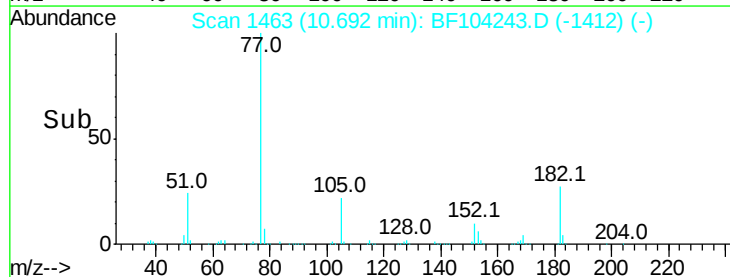
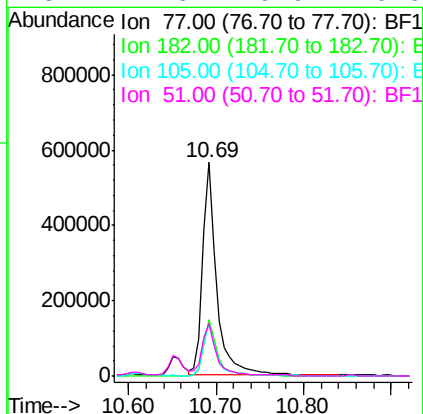
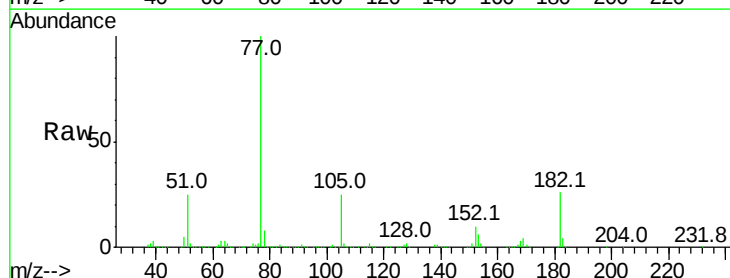
Instrument :
BNA_F
ClientSampleId :

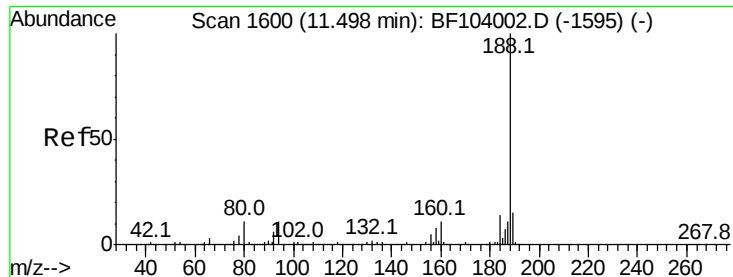
Tot Ion:138 Resp: 139697
Ion Ratio Lower Upper
138 100
92 46.9 30.2 70.2
108 62.7 52.5 92.5



#62
Azobenzene
Concen: 42.287 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion: 77 Resp: 634648
Ion Ratio Lower Upper
77 100
182 26.3 1.7 41.7
105 24.8 3.0 43.0
51 24.6 9.9 49.9

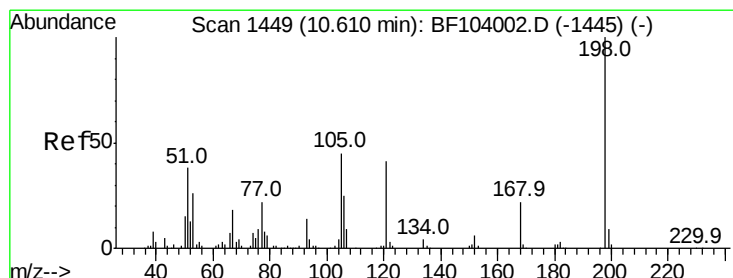
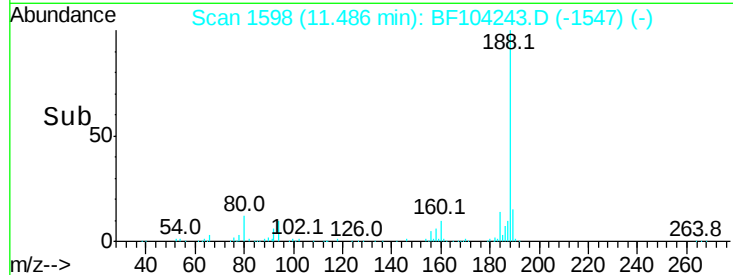
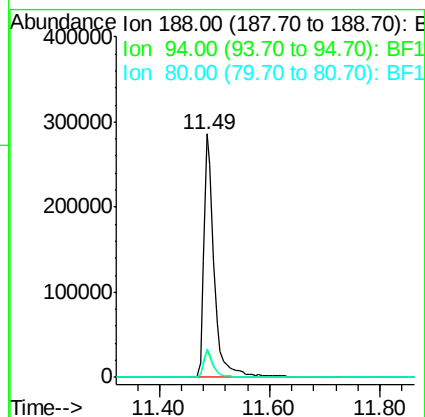
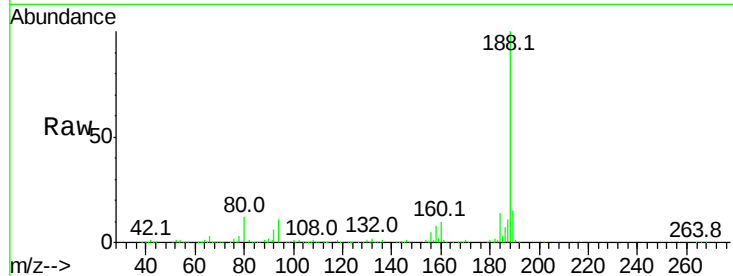




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

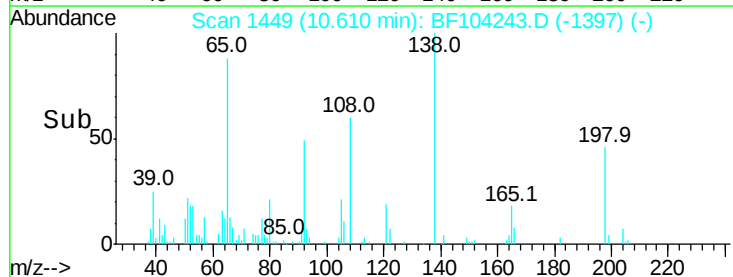
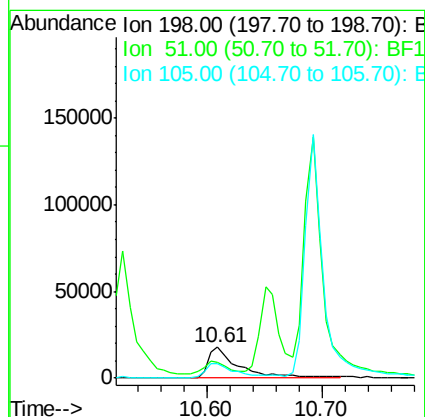
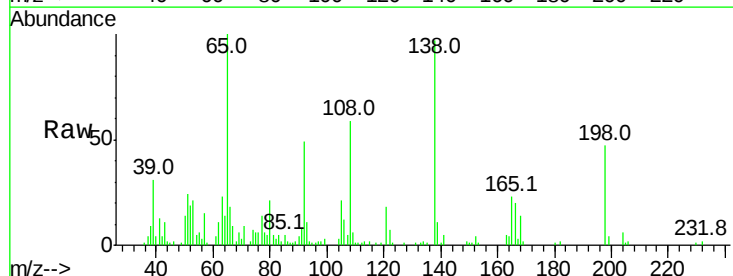
Instrument :
BNA_F
ClientSampleId :

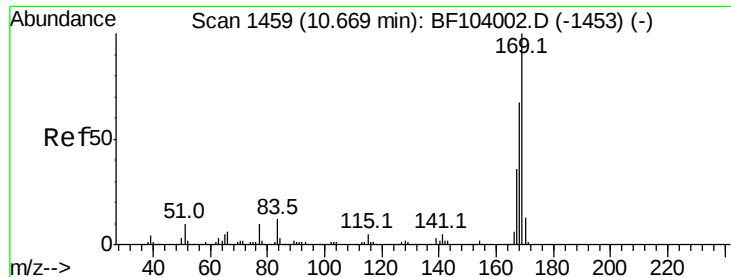
Tot Ion:188 Resp: 365816
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 15.020 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion:198 Resp: 33259
Ion Ratio Lower Upper
198 100
51 49.9 37.7 77.7
105 44.7 36.3 76.3

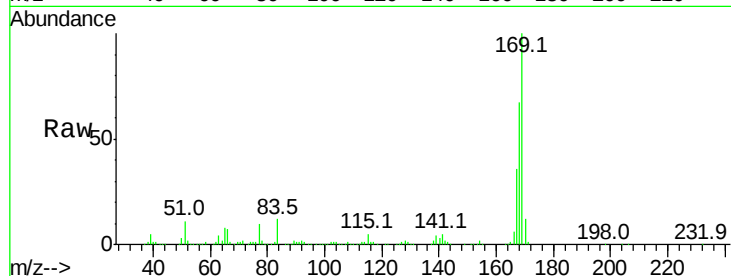




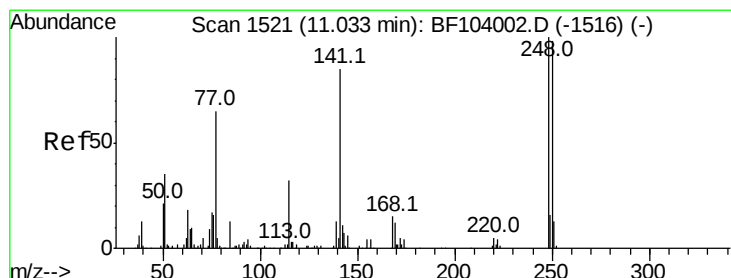
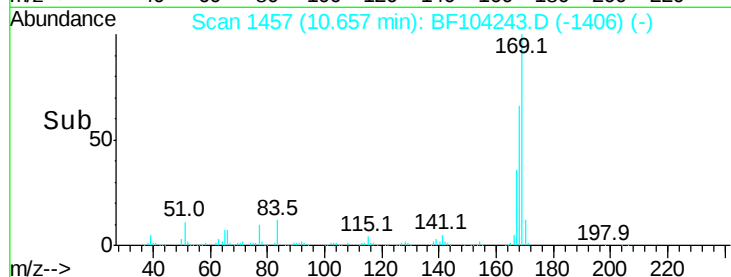
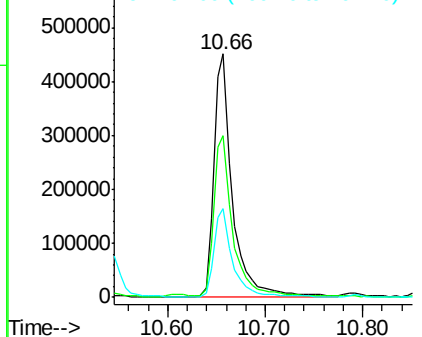
#65
 n-Nitrosodiphenylamine
 Concen: 47.555 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 589156
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.4 81.6
 167 36.3 29.8 44.6

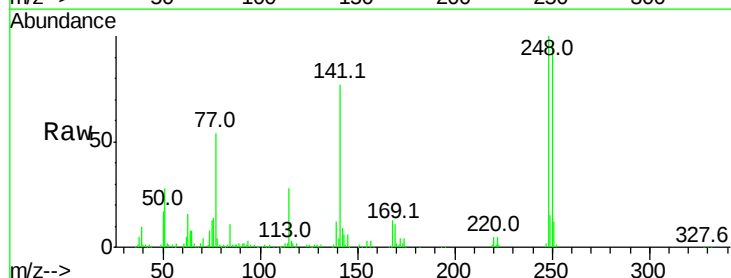


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

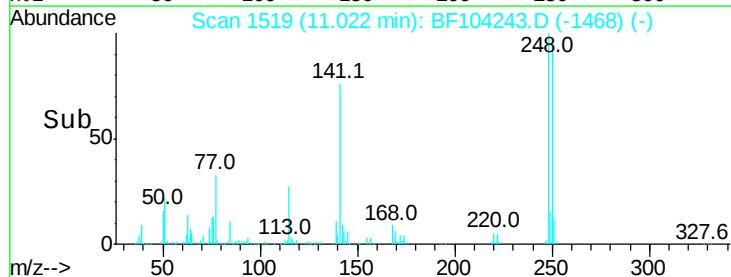
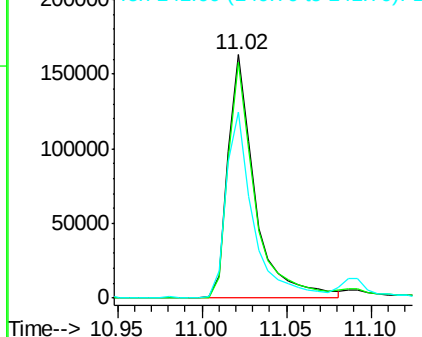


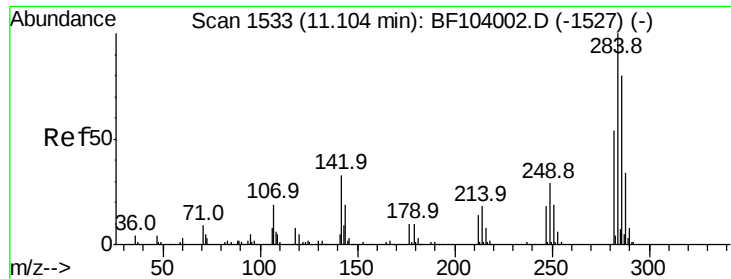
#66
 4-Bromophenyl-phenylether
 Concen: 46.364 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion:248 Resp: 181454
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.9 115.3
 141 76.7 74.4 111.6



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

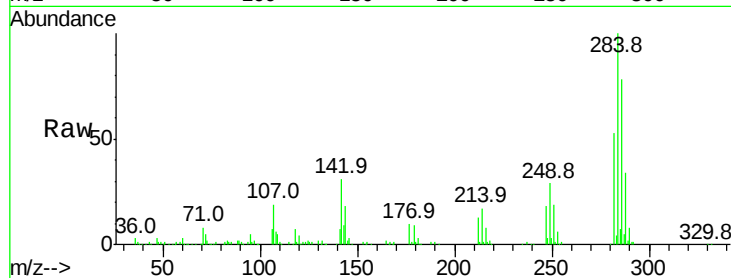




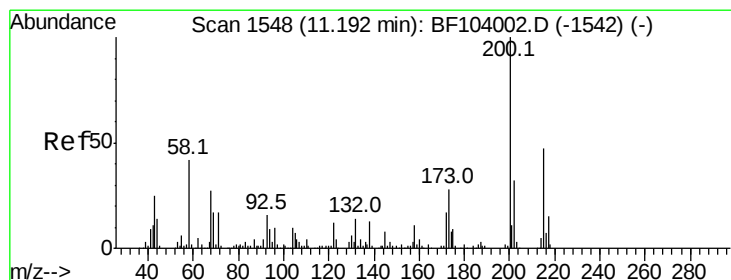
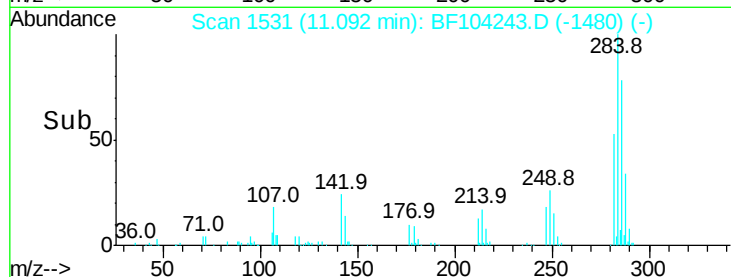
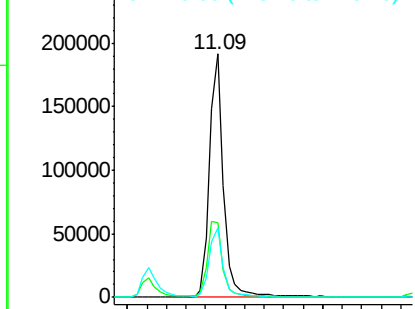
#67
Hexachlorobenzene
Concen: 43.023 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 193686
Ion Ratio Lower Upper
284 100
142 30.7 34.6 52.0#
249 28.8 24.8 37.2

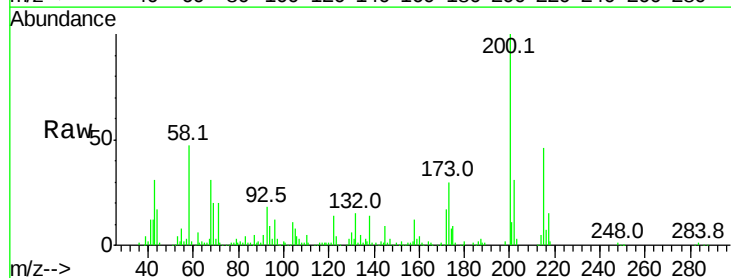


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

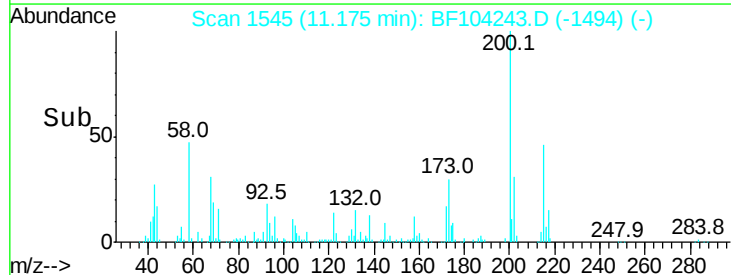
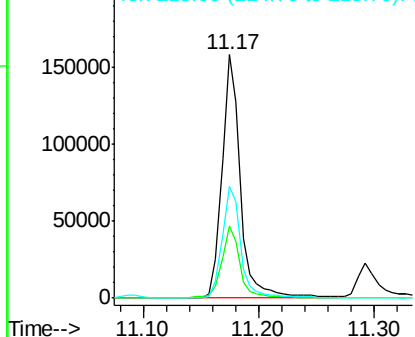


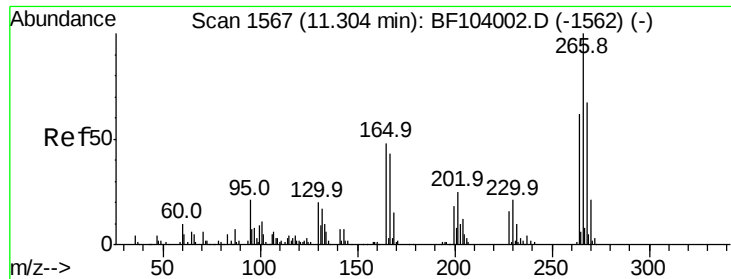
#68
Atrazine
Concen: 46.356 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion:200 Resp: 175942
Ion Ratio Lower Upper
200 100
173 29.5 8.6 48.6
215 45.9 25.1 65.1



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

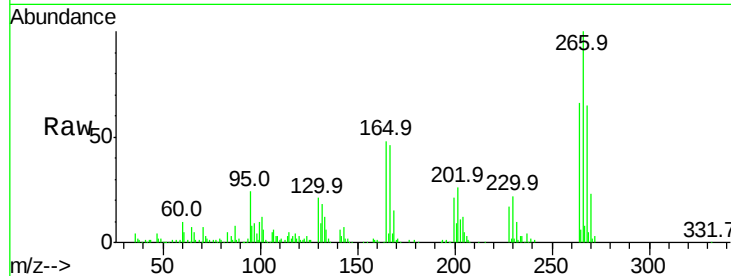




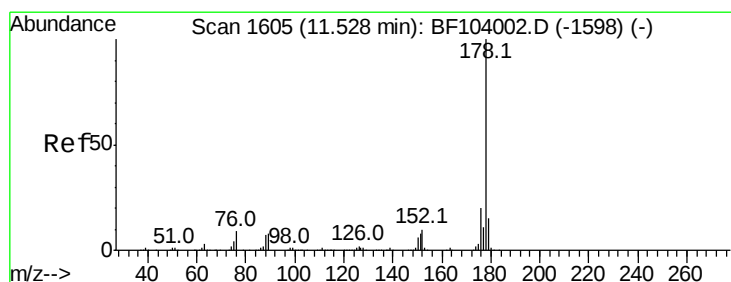
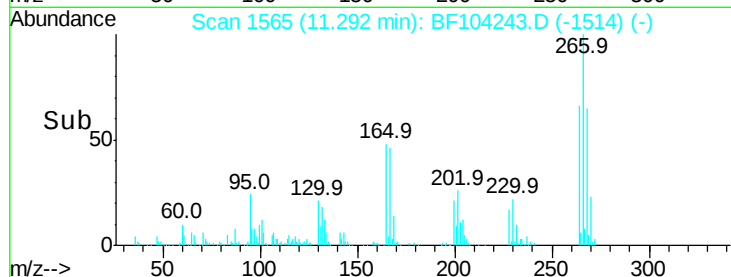
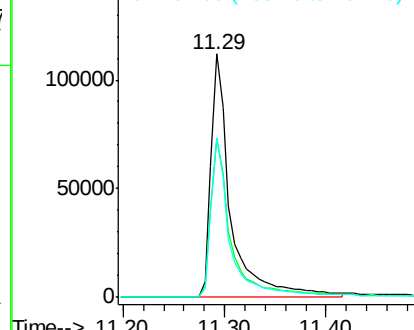
#69
 Pentachlorophenol
 Concen: 62.308 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.1	76.7
264	65.6	49.5	74.3

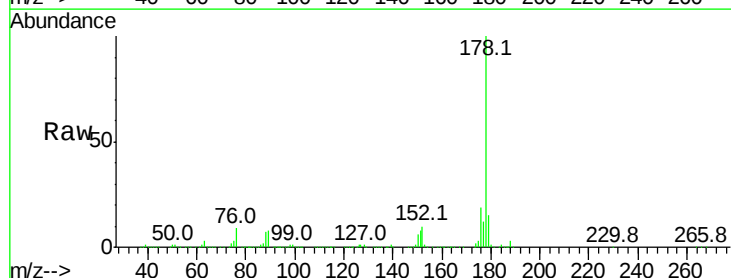


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

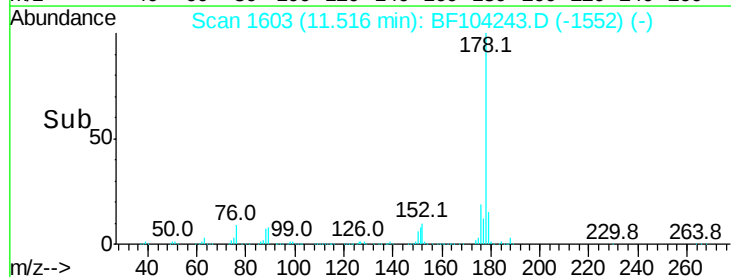
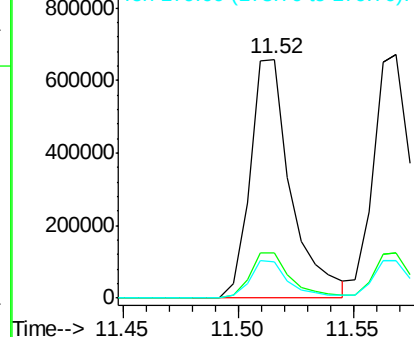


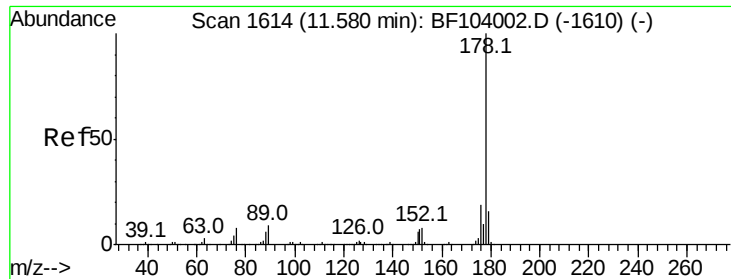
#70
 Phenanthrene
 Concen: 41.163 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.0	13.0	19.6



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

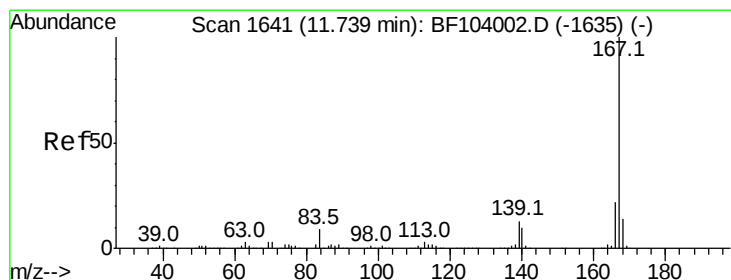
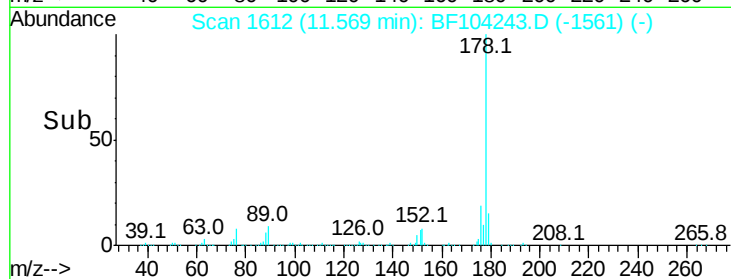
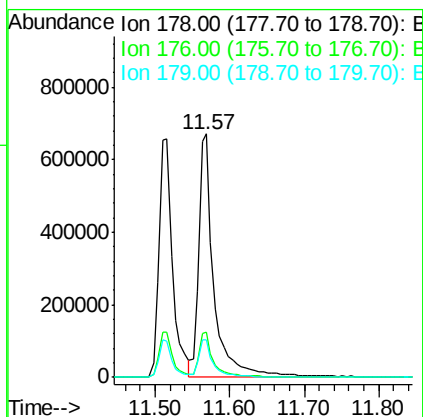
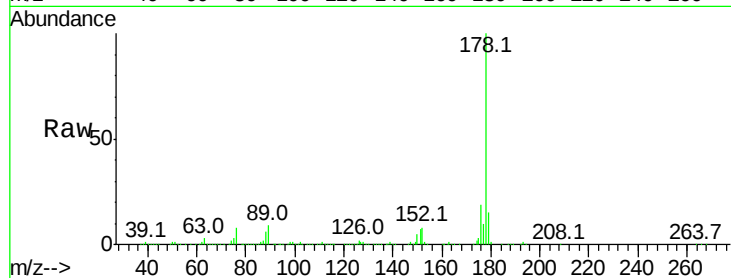




#71
 Anthracene
 Concen: 45.767 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

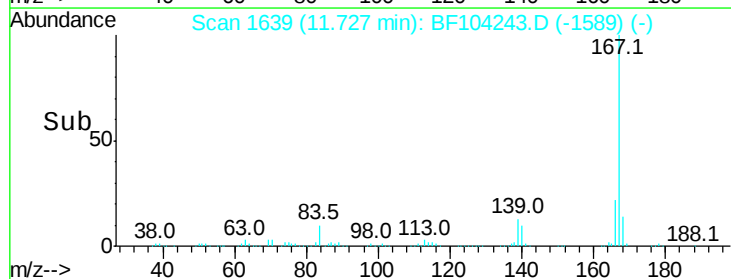
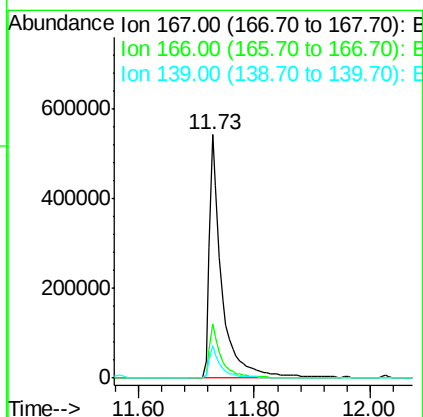
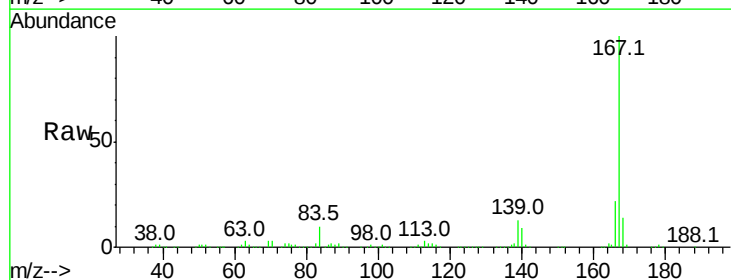
Instrument :
 BNA_F
 ClientSampleId :

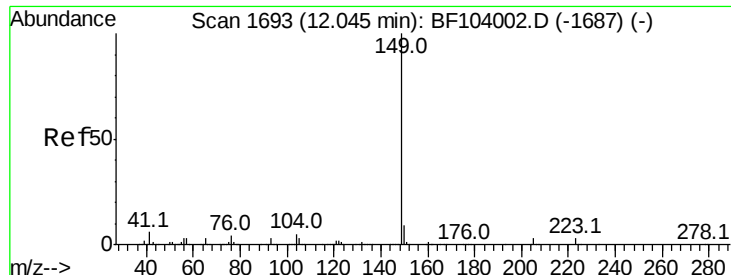
Tot Ion:178 Resp: 946811
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 42.271 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion:167 Resp: 834632
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.2 10.9 16.3

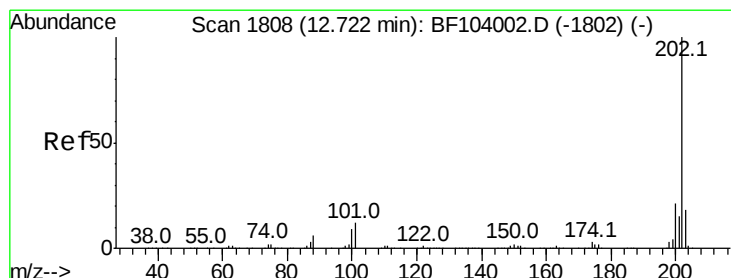
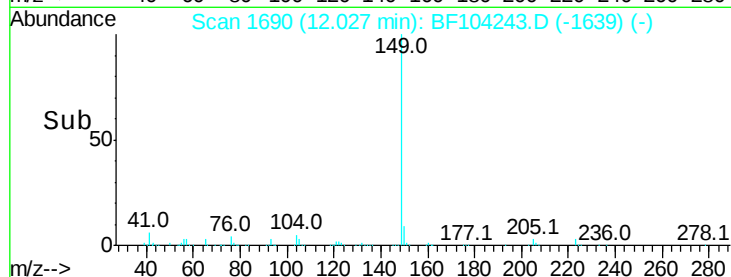
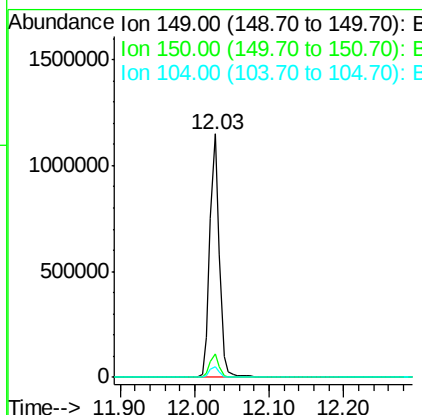
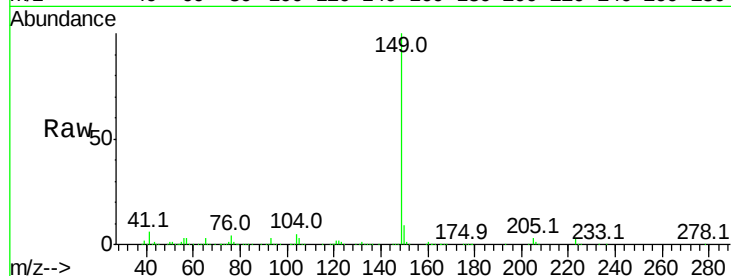




#73
Di-n-butylphthalate
Concen: 43.549 ng
RT: 12.03 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

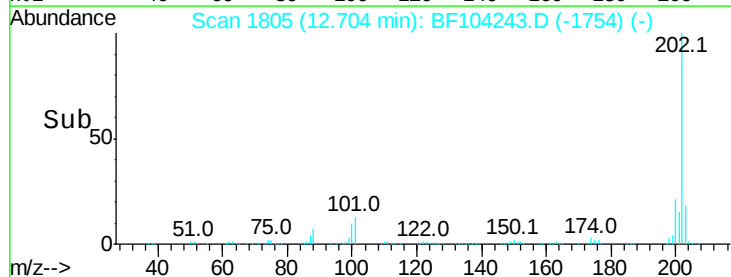
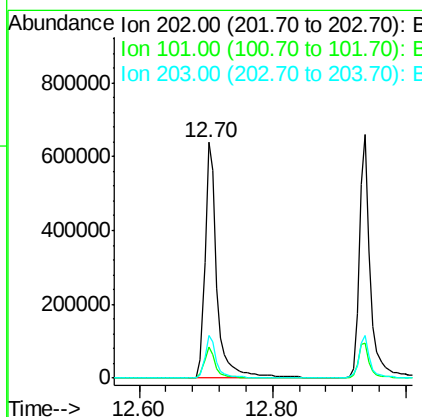
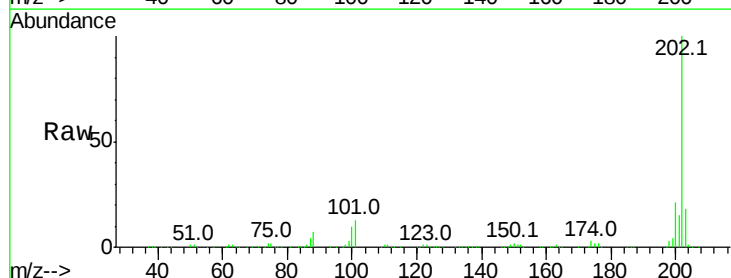
Instrument :
BNA_F
ClientSampleId :

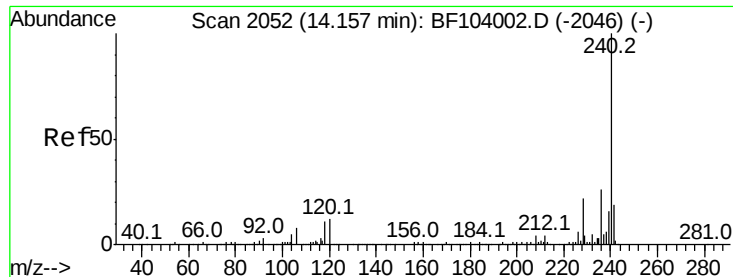
Tot Ion:149 Resp: 1024225
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 37.272 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion:202 Resp: 784658
Ion Ratio Lower Upper
202 100
101 13.5 0.0 34.1
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampled :

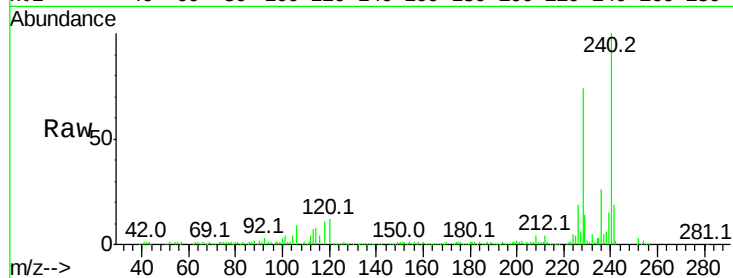
Tot Ion:240 Resp: 228580

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

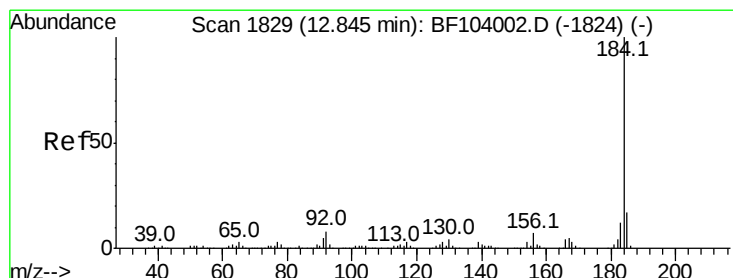
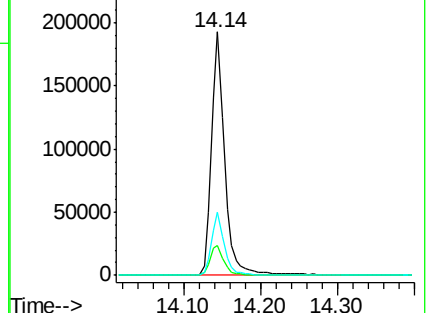
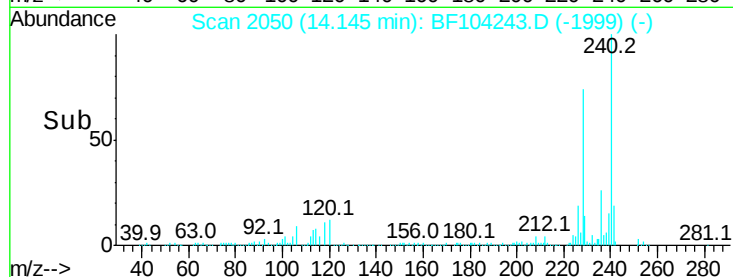
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 57.894 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

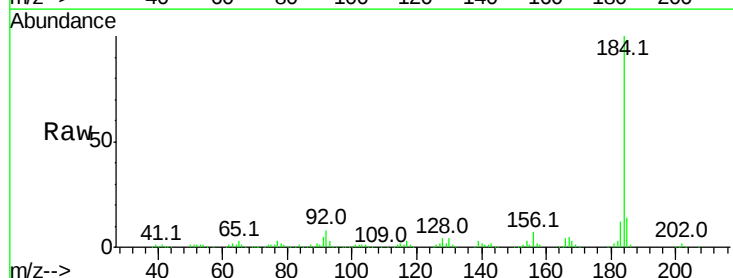
Tgt Ion:184 Resp: 377120

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

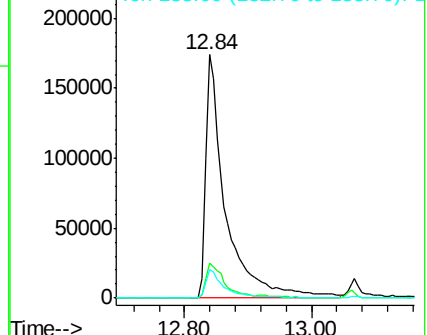
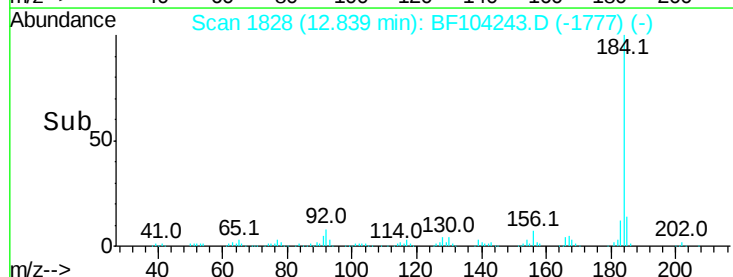
183 11.8 9.3 13.9

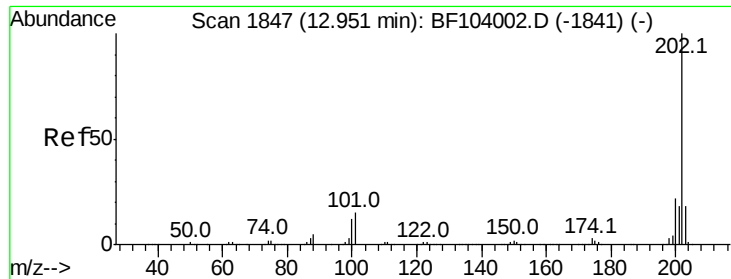


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

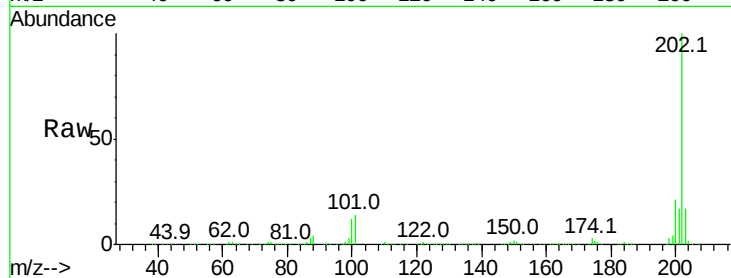




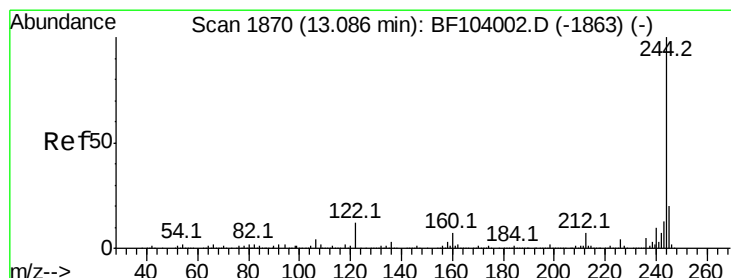
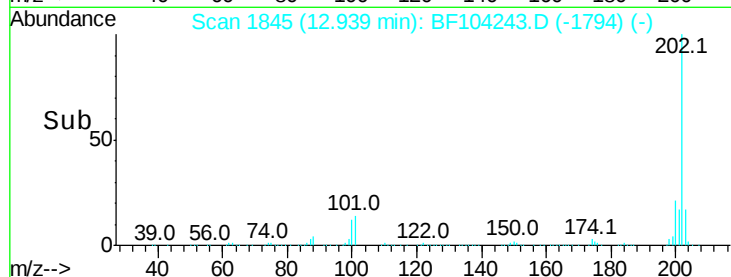
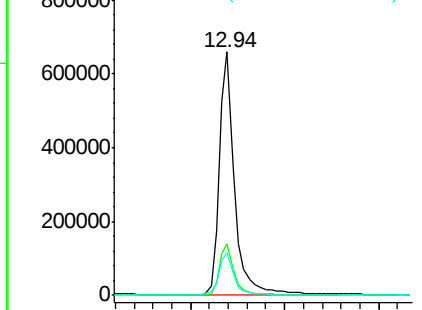
#77
Pvrene
Concen: 45.480 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 747310
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.5 14.3 21.5

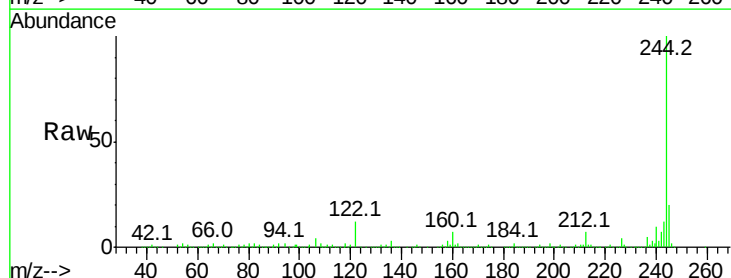


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

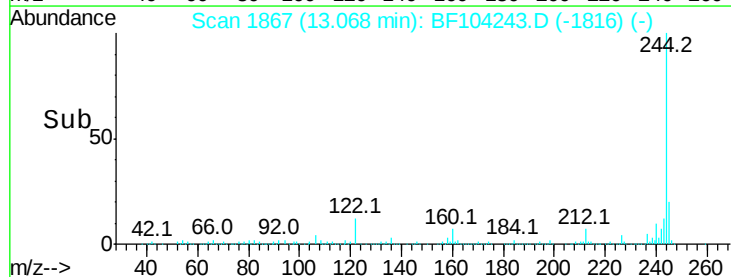
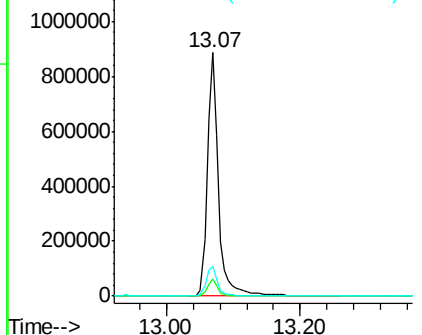


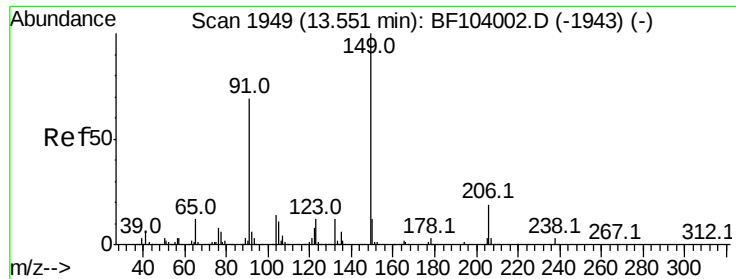
#78
Terphenyl-d14
Concen: 104.365 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion:244 Resp: 1033186
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.1 11.0 16.4



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

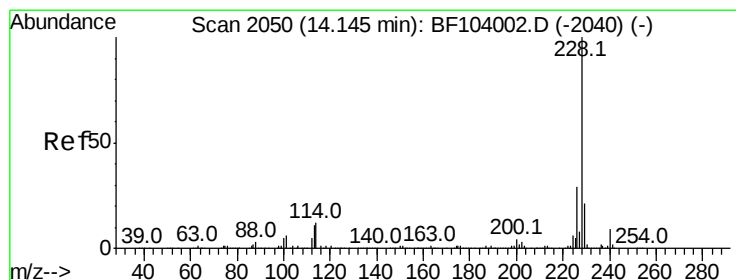
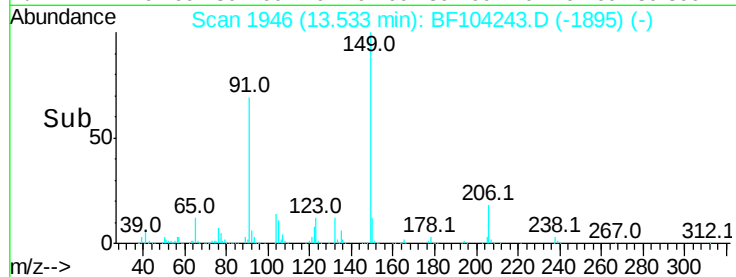
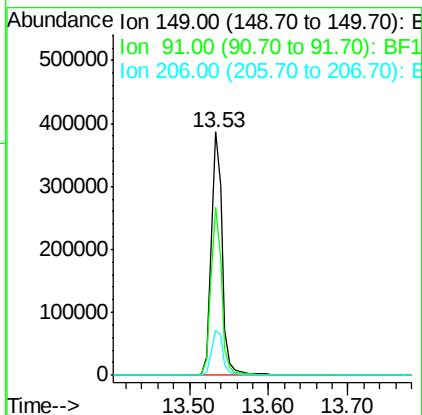
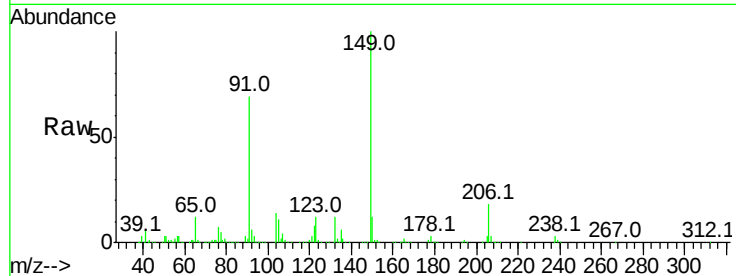




#79
Butylbenzylphthalate
Concen: 47.455 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

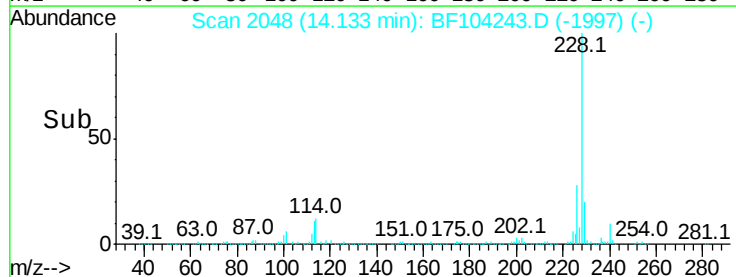
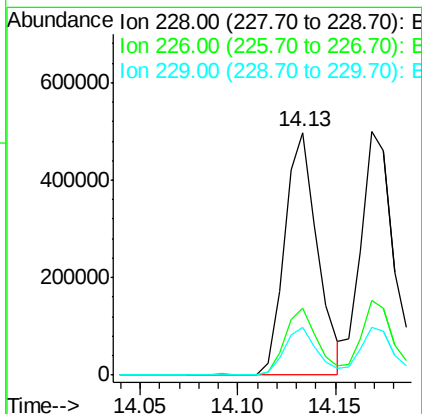
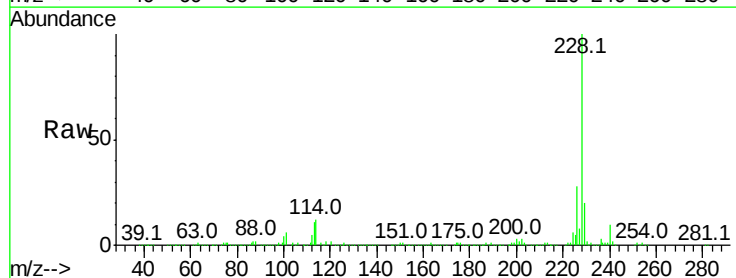
Instrument :
BNA_F
ClientSampled :

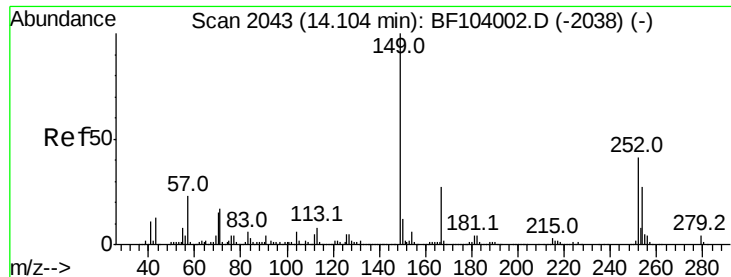
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.2	56.8	85.2
206	18.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.454 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 44.145 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

Instrument :

BNA_F

ClientSampleId :

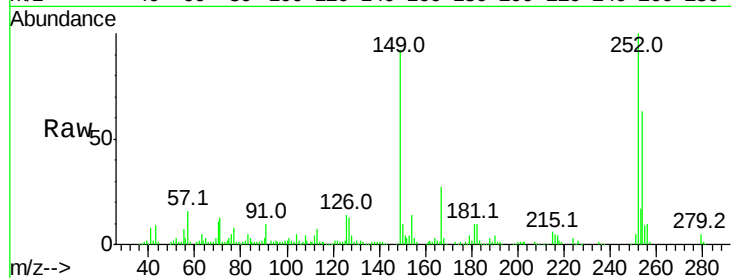
Tot Ion:252 Resp: 208995

Ion Ratio Lower Upper

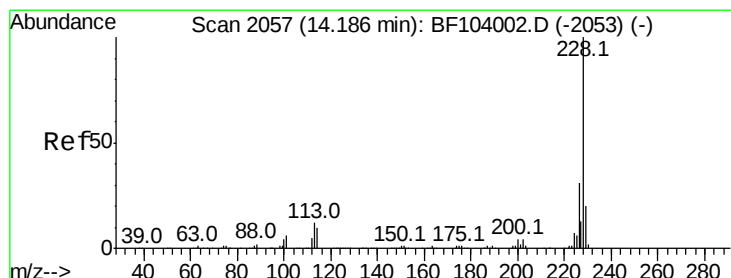
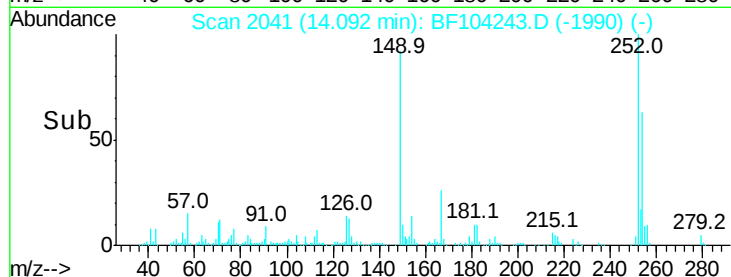
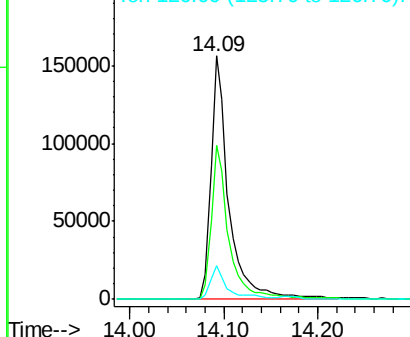
252 100

254 63.3 50.4 75.6

126 13.6 11.3 16.9



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



#82

Chrysene

Concen: 46.084 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BF104243.D

Acq: 4 Apr 2018 23:13

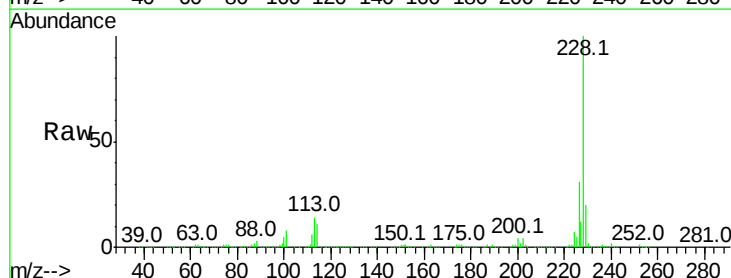
Tgt Ion:228 Resp: 645580

Ion Ratio Lower Upper

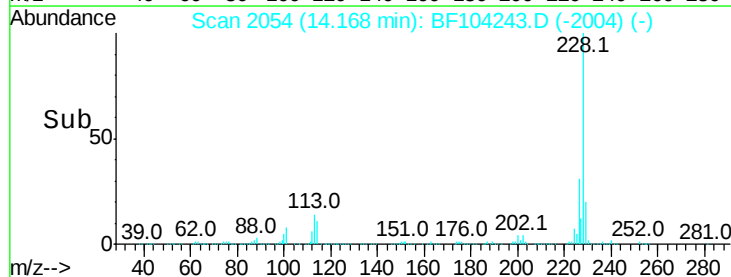
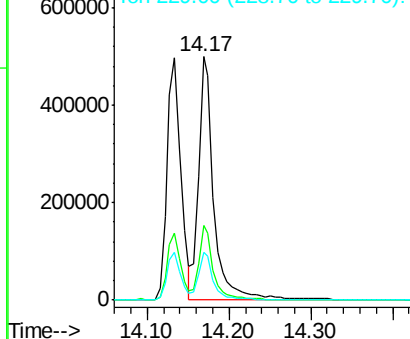
228 100

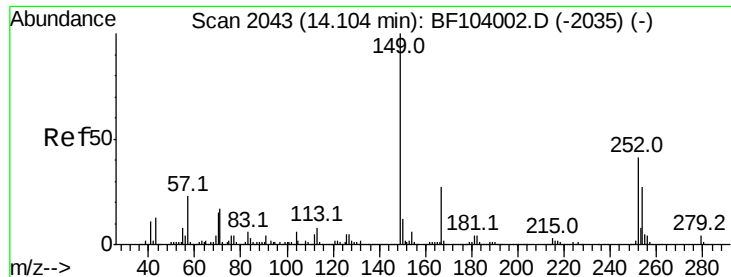
226 30.6 25.0 37.6

229 19.6 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

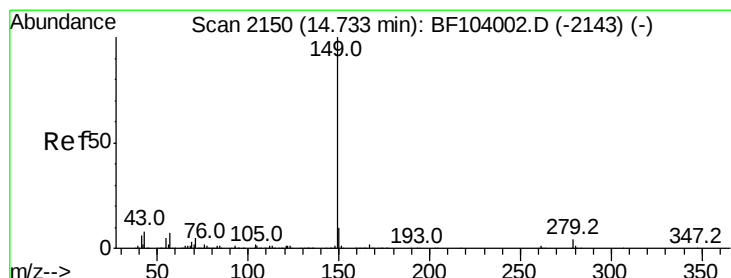
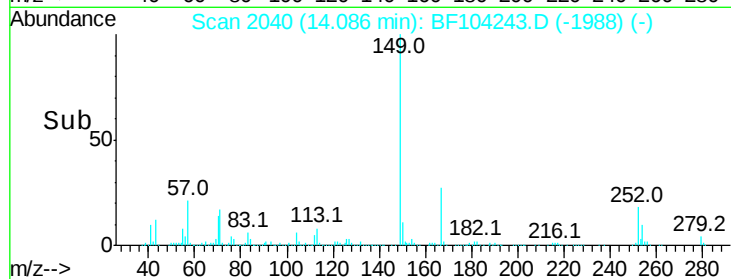
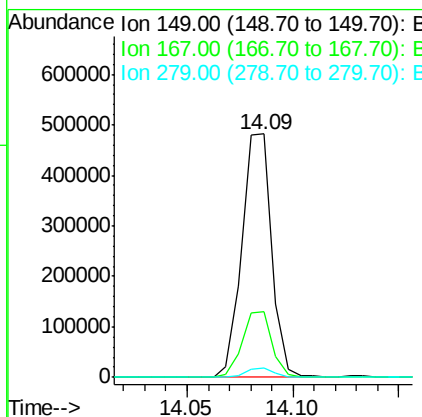
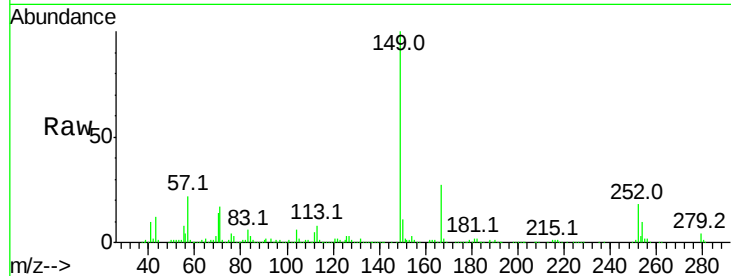




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.158 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

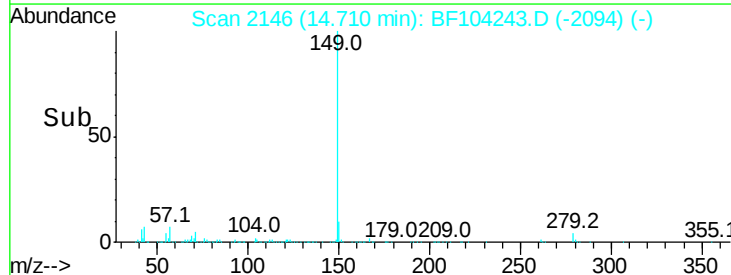
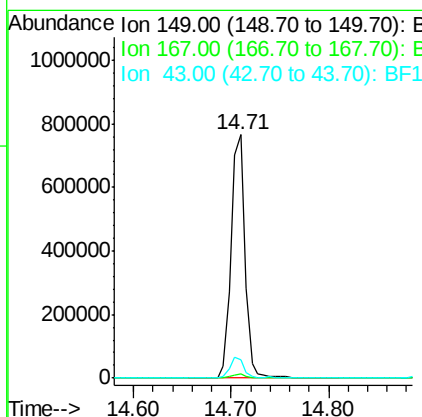
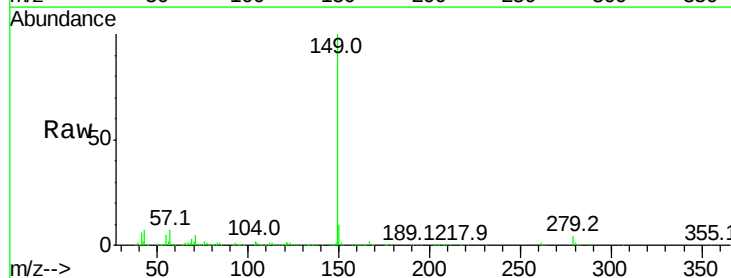
Instrument :
 BNA_F
 ClientSampleId :

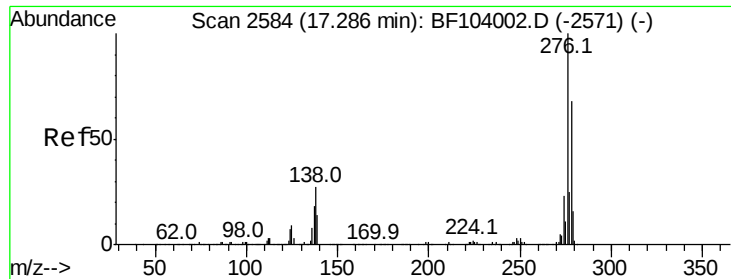
Tot Ion:149 Resp: 471694
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.8 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 44.273 ng
 RT: 14.71 min Scan# 2146
 Delta R.T. 0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion:149 Resp: 761755
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.8 8.4 12.6#

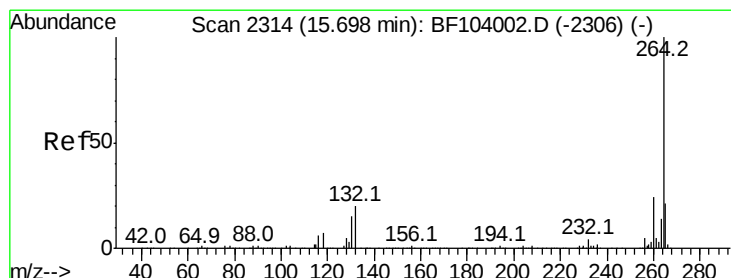
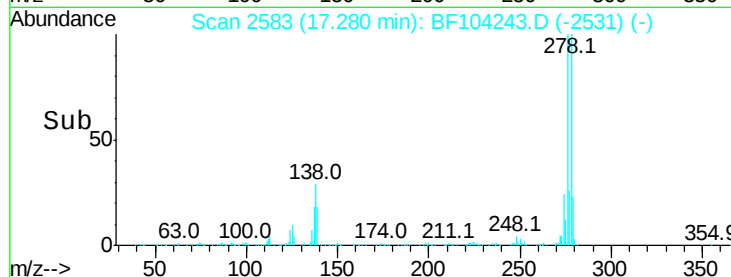
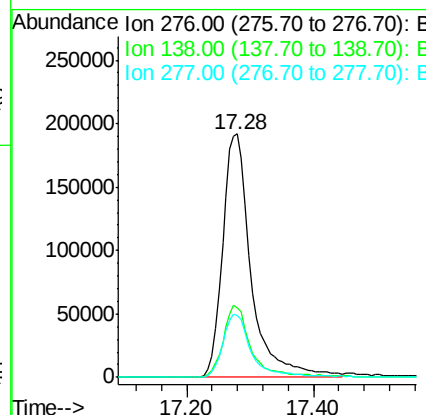
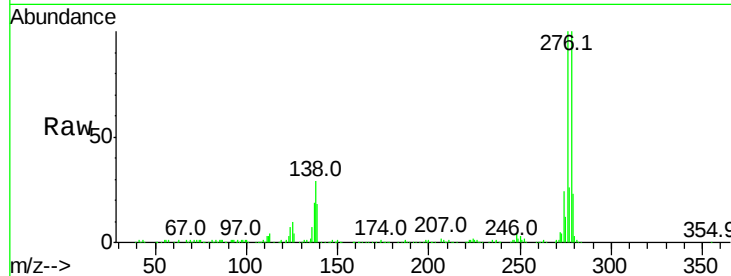




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.328 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.01 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

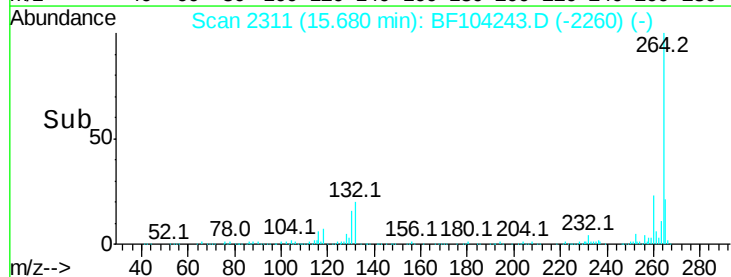
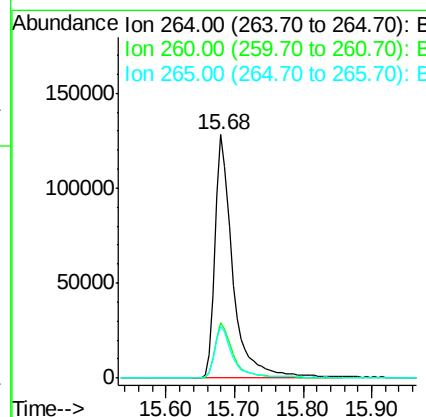
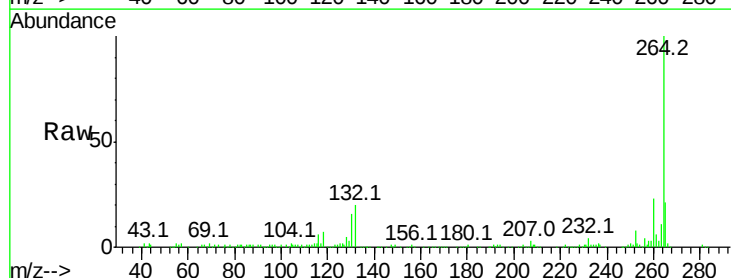
Instrument :
 BNA_F
 ClientSampled :

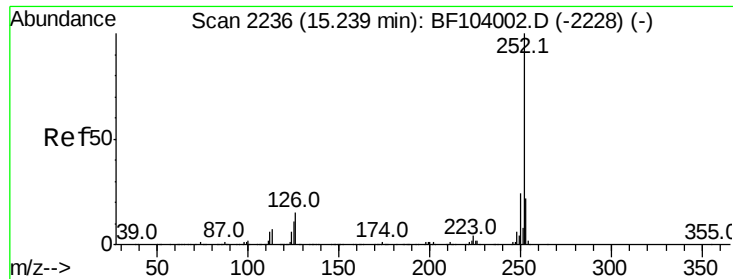
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	25.0	37.6
277	25.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	17.5	26.3

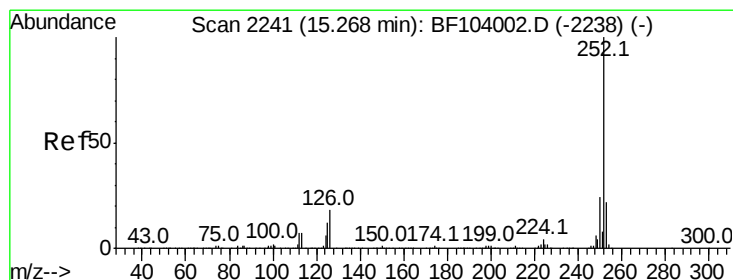
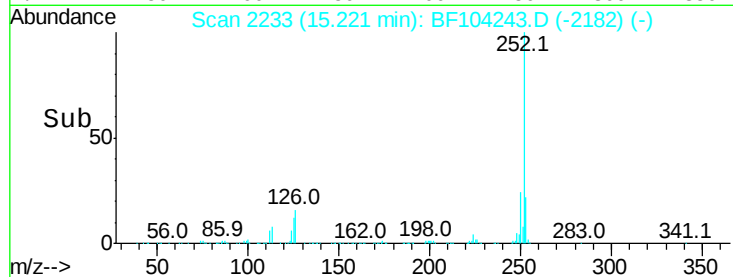
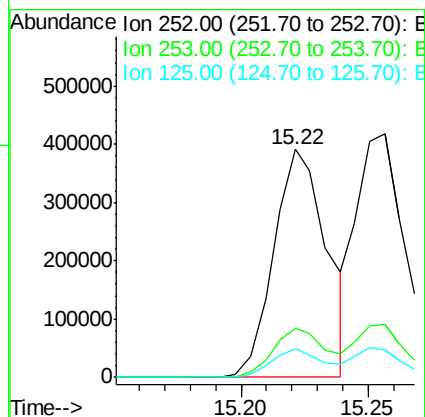
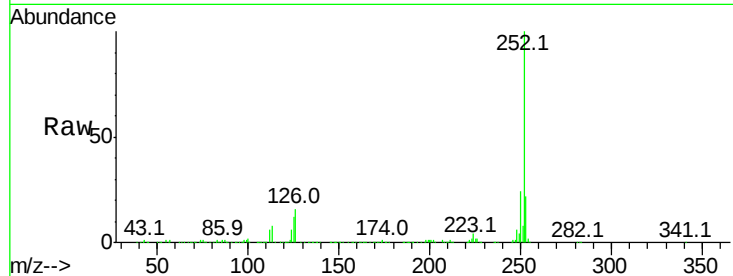




#87
Benzo(b)fluoranthene
Concen: 40.134 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

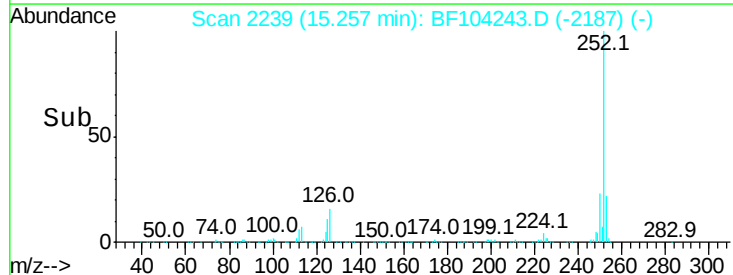
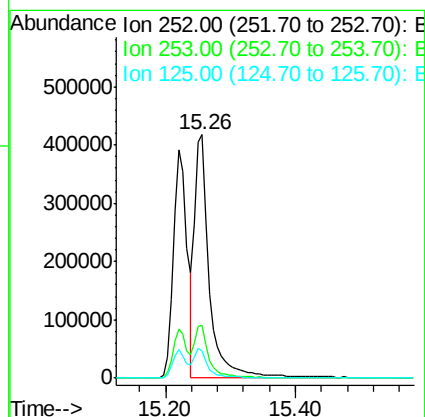
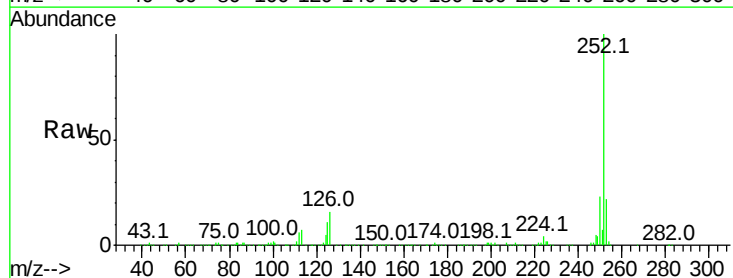
Instrument :
BNA_F
ClientSampled :

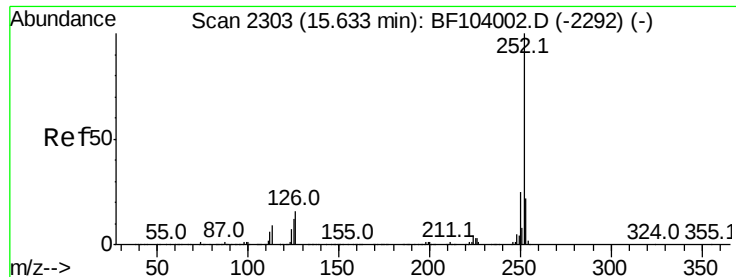
Tot Ion:252 Resp: 569718
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 49.136 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion:252 Resp: 657062
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 11.1 10.2 15.2

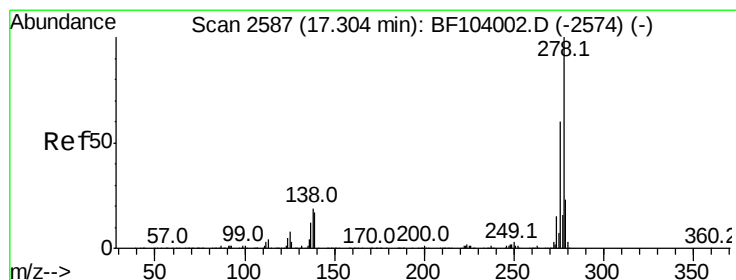
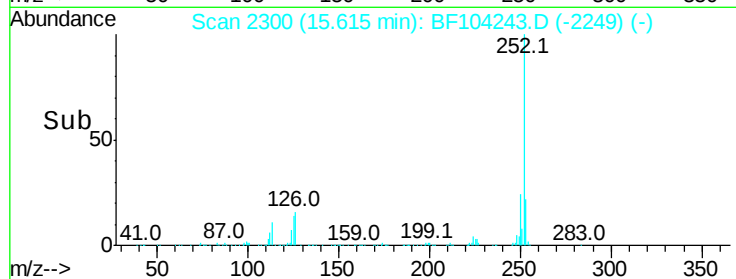
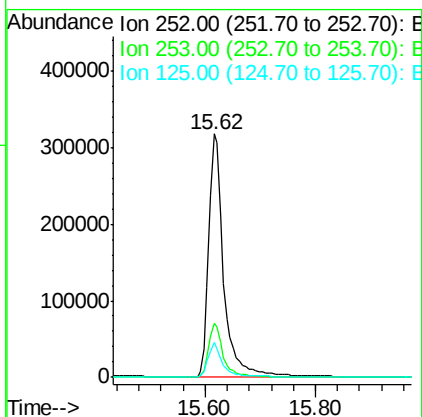
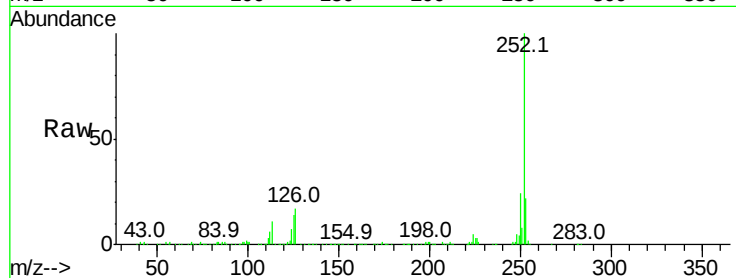




#89
Benzo(a)pyrene
Concen: 44.653 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

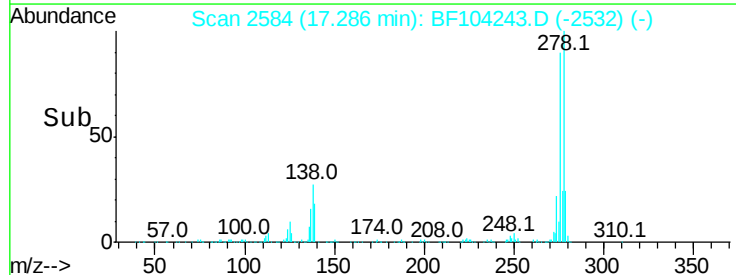
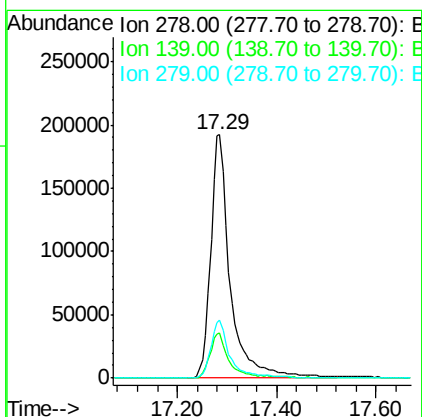
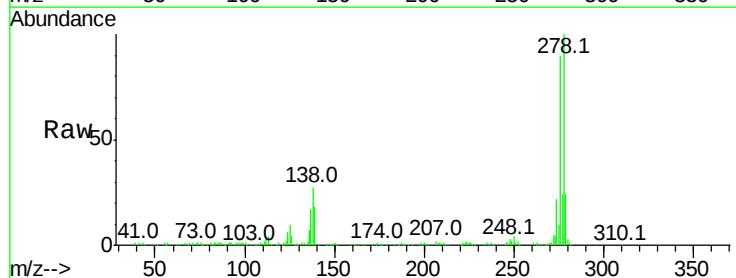
Instrument :
BNA_F
ClientSampleId :

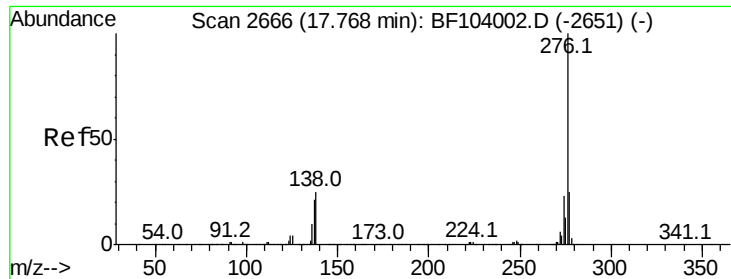
Tot Ion:252 Resp: 587413
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 14.4 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.225 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.01 min
Lab File: BF104243.D
Acq: 4 Apr 2018 23:13

Tgt Ion:278 Resp: 525724
Ion Ratio Lower Upper
278 100
139 18.4 15.9 23.9
279 23.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.961 ng
 RT: 17.75 min Scan# 2663
 Delta R.T. -0.00 min
 Lab File: BF104243.D
 Acq: 4 Apr 2018 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 474640
 Ion Ratio Lower Upper
 276 100
 277 22.6 17.9 26.9
 138 23.6 21.8 32.8

