

Data Path : U:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102812.D
 Acq On : 7 Feb 2018 13:47
 Operator : SJ/JU
 Sample : J1458-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 01:32:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	181480	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	766188	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	345292	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	605634	20.00	ng	0.00
75) Chrysene-d12	14.05	240	407873	20.00	ng	0.00
86) Perylene-d12	15.53	264	326171	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1322095	110.64	ng	0.01
7) Phenol-d6	6.51	99	1578530	109.71	ng	0.00
23) Nitrobenzene-d5	7.45	82	1011474	91.58	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	342025	123.07	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1605267	77.14	ng	0.00
78) Terphenyl-d14	12.99	244	1467813	85.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	207365	35.133	ng	# 86
3) Pyridine	3.49	79	580513	35.599	ng	89
4) n-Nitrosodimethylamine	3.45	42	286684	41.089	ng	98
6) Aniline	6.55	93	497268	23.402	ng	95
8) 2-Chlorophenol	6.67	128	511573	41.583	ng	97
9) Benzaldehyde	6.43	77	168172	15.739	ng	97
10) Phenol	6.52	94	683933	44.354	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	499941	38.963	ng	89
12) 1,3-Dichlorobenzene	6.82	146	531313	37.294	ng	98
13) 1,4-Dichlorobenzene	6.90	146	531074	37.422	ng	97
14) 1,2-Dichlorobenzene	7.05	146	490411	37.101	ng	99
15) Benzyl Alcohol	7.02	79	451531	40.817	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	918411	37.679	ng	96
17) 2-Methylphenol	7.13	107	439625	38.740	ng	99
18) Hexachloroethane	7.39	117	193711	39.805	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	343117	36.168	ng	92
20) 3+4-Methylphenols	7.28	107	518988	37.086	ng	# 89
22) Acetophenone	7.29	105	693348	36.980	ng	# 95
24) Nitrobenzene	7.46	77	547489	42.136	ng	99
25) Isophorone	7.70	82	1010708	39.741	ng	100
26) 2-Nitrophenol	7.78	139	288129	52.902	ng	98
27) 2,4-Dimethylphenol	7.82	122	454458	42.296	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	635965	42.212	ng	99
29) 2,4-Dichlorophenol	8.02	162	423132	43.320	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	410982	37.193	ng	99
31) Naphthalene	8.19	128	1419140	37.910	ng	99
32) Benzoic acid	7.82	122	454458	56.244	ng	# 13
33) 4-Chloroaniline	8.23	127	296316	18.375	ng	99
34) Hexachlorobutadiene	8.30	225	204520	36.120	ng	99
35) Caprolactam	8.55	113	9916	2.923	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	469201	42.753	ng	94
37) 2-Methylnaphthalene	8.88	142	947718	38.669	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	351025	37.336	ng	98
40) Hexachlorocyclopentadiene	9.03	237	343393	76.833	ng	98

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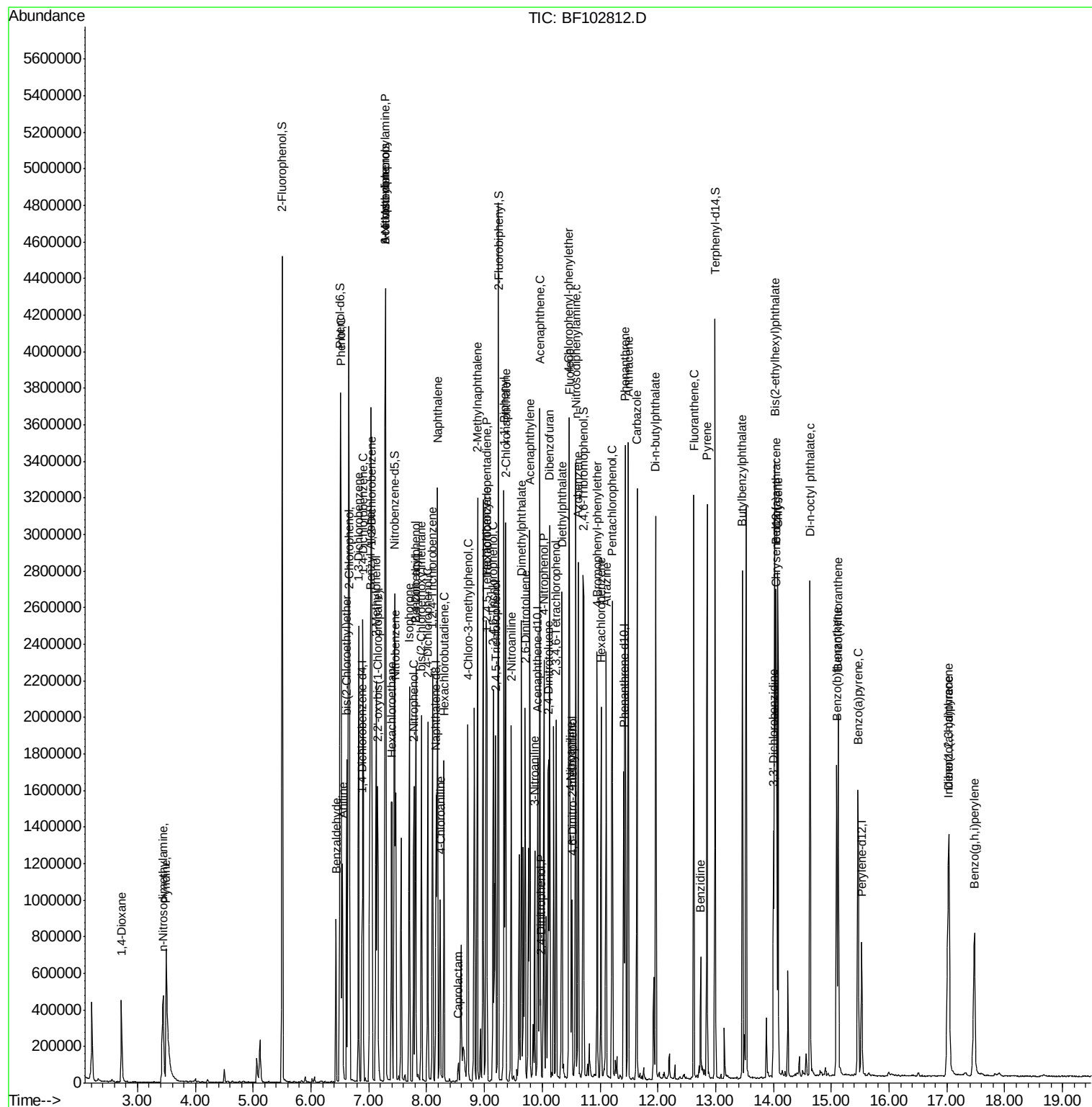
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	273905	44.355	ng	100
43) 2,4,5-Trichlorophenol	9.20	196	295033	42.389	ng	94
45) 1,1'-Biphenyl	9.35	154	1085815	37.335	ng	98
46) 2-Chloronaphthalene	9.37	162	869869	37.992	ng	98
47) 2-Nitroaniline	9.46	65	324519	46.081	ng	91
48) Acenaphthylene	9.79	152	1331730	37.449	ng	99
49) Dimethylphthalate	9.65	163	1137427	42.247	ng	99
50) 2,6-Dinitrotoluene	9.70	165	232989	45.486	ng	96
51) Acenaphthene	9.96	154	782418	36.790	ng	99
52) 3-Nitroaniline	9.87	138	209624	33.260	ng	# 90
53) 2,4-Dinitrophenol	9.97	184	44360	40.832	ng	# 19
54) Dibenzofuran	10.13	168	1156393	38.584	ng	97
55) 4-Nitrophenol	10.03	139	412969	79.747	ng	93
56) 2,4-Dinitrotoluene	10.11	165	311588	45.527	ng	93
57) Fluorene	10.47	166	855302	39.223	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	218744	45.345	ng	97
59) Diethylphthalate	10.34	149	995396	37.443	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	380999	39.497	ng	97
61) 4-Nitroaniline	10.49	138	265081	44.187	ng	88
62) Azobenzene	10.62	77	992031	37.354	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	116242	46.626	ng	88
65) n-Nitrosodiphenylamine	10.58	169	802804	37.580	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	245665	38.346	ng	94
67) Hexachlorobenzene	11.02	284	260749	36.894	ng	99
68) Atrazine	11.10	200	248255	39.392	ng	98
69) Pentachlorophenol	11.21	266	277114	66.794	ng	98
70) Phenanthrene	11.43	178	1242421	36.834	ng	99
71) Anthracene	11.49	178	1283252	37.406	ng	100
72) Carbazole	11.64	167	1243804	37.007	ng	100
73) Di-n-butylphthalate	11.96	149	1518536	37.195	ng	100
74) Fluoranthene	12.62	202	1255761	37.004	ng	99
76) Benzidine	12.74	184	234768	12.524	ng	98
77) Pyrene	12.85	202	1262794	39.483	ng	100
79) Butylbenzylphthalate	13.46	149	631663	41.431	ng	99
80) Benzo(a)anthracene	14.04	228	1000203	38.992	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	249084	26.189	ng	99
82) Chrysene	14.07	228	951125	36.783	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	807842	41.232	ng	100
84) Di-n-octyl phthalate	14.63	149	1242069	42.220	ng	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	825535	38.494	ng	99
87) Benzo(b)fluoranthene	15.09	252	823993	38.965	ng	97
88) Benzo(k)fluoranthene	15.12	252	827710	40.964	ng	100
89) Benzo(a)pyrene	15.46	252	771578	40.535	ng	97
90) Dibenzo(a,h)anthracene	17.04	278	683241	44.223	ng	99
91) Benzo(g,h,i)perylene	17.47	276	709764	46.935	ng	97

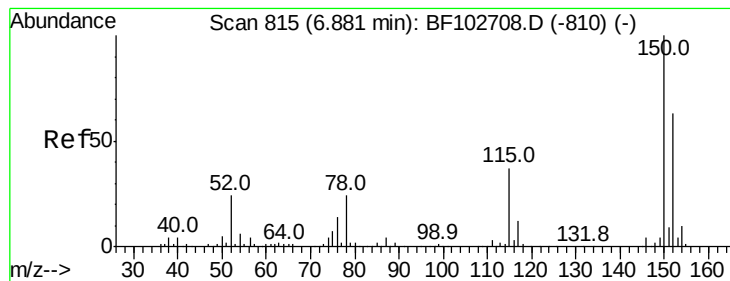
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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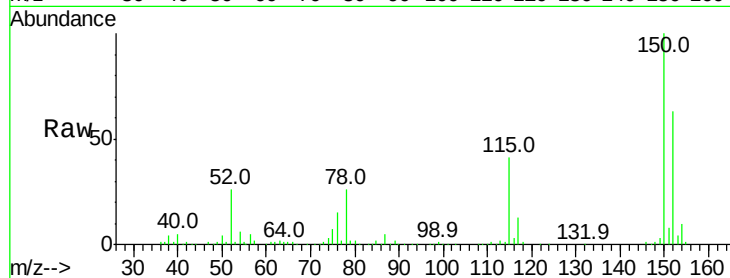


#1

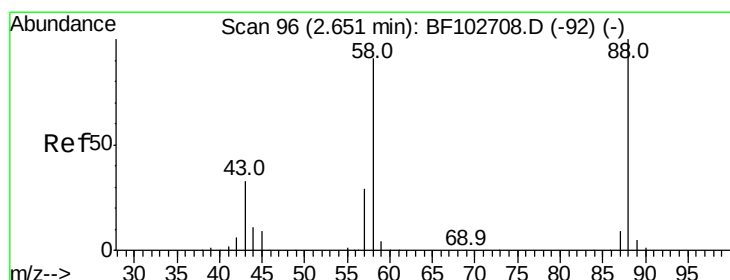
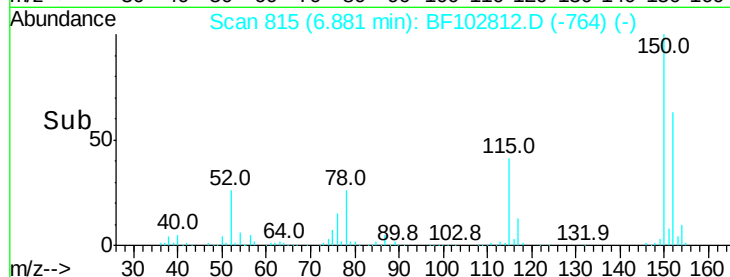
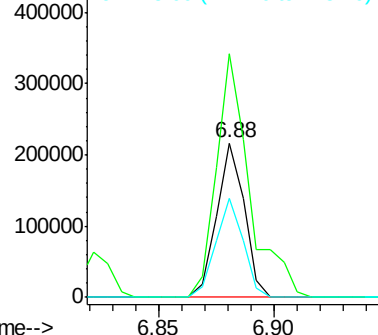
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 181480
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 64.2 50.1 75.1



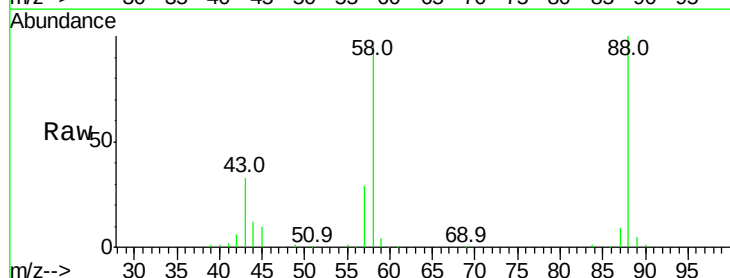
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



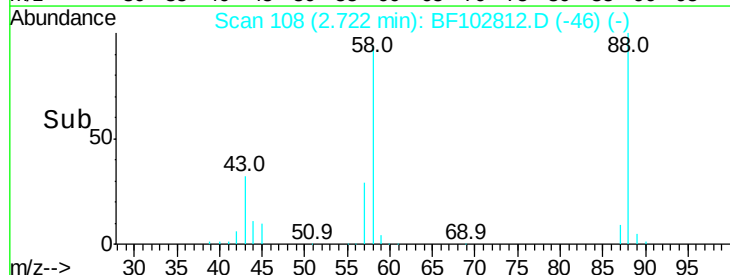
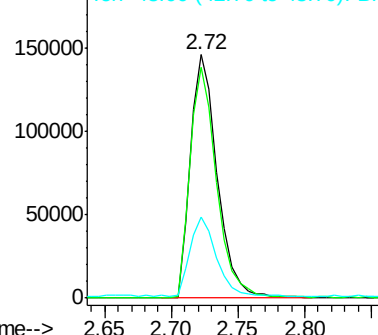
#2

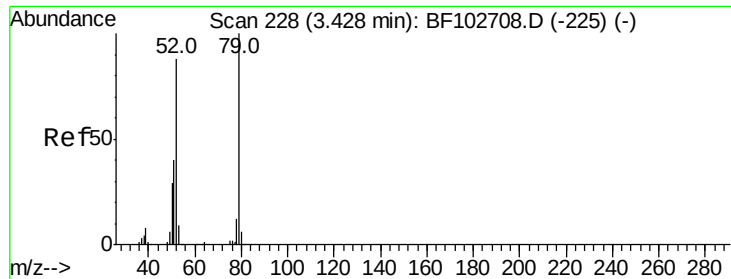
1,4-Dioxane
Concen: 35.133 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.06 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion: 88 Resp: 207365
Ion Ratio Lower Upper
88 100
58 94.5 62.6 93.8#
43 31.8 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: 35.599 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

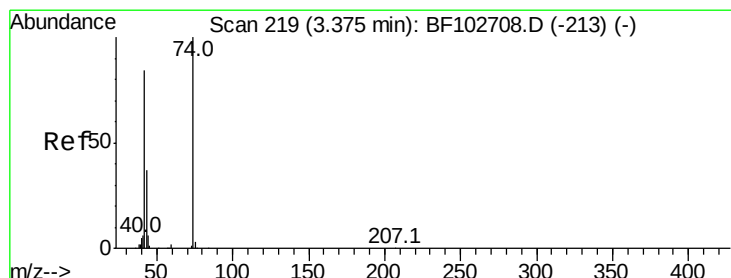
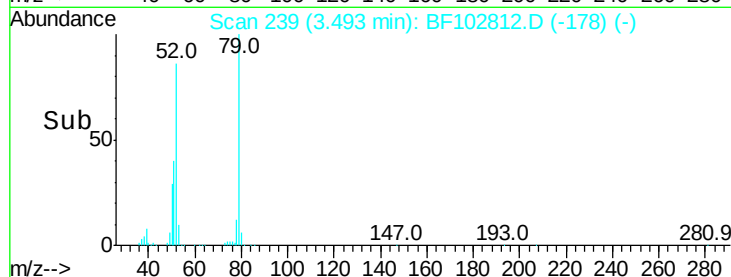
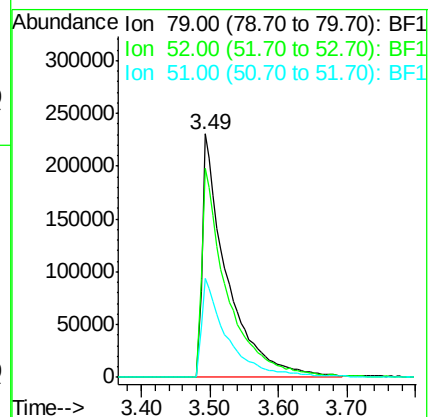
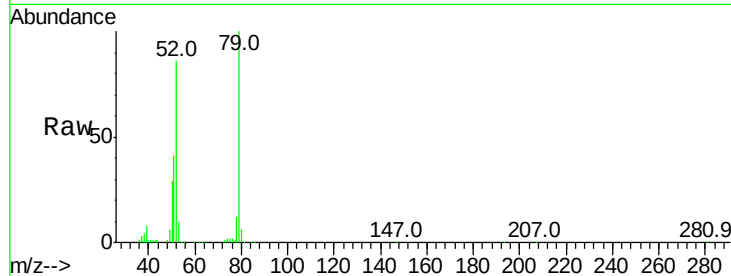
Tot Ion: 79 Resp: 580513

Ion Ratio Lower Upper

79 100

52 86.0 59.8 89.6

51 40.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 41.089 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

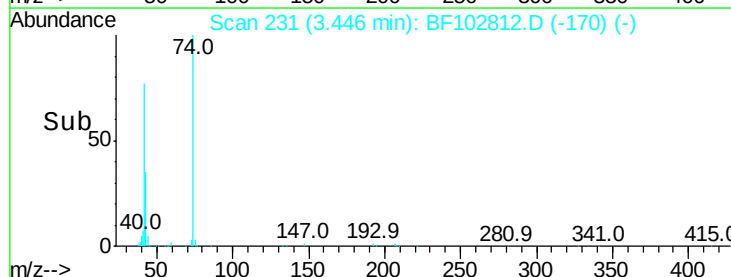
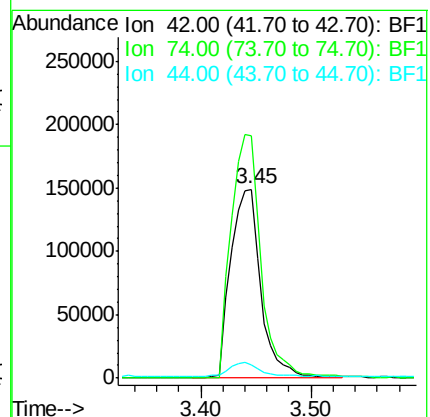
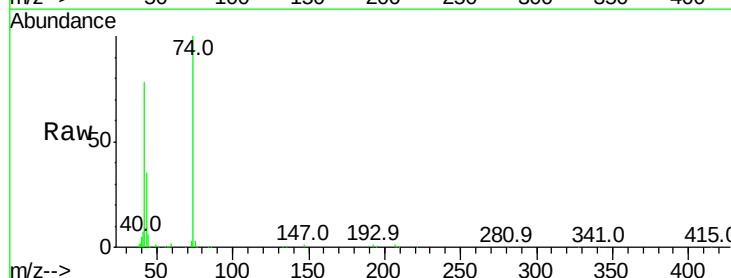
Tgt Ion: 42 Resp: 286684

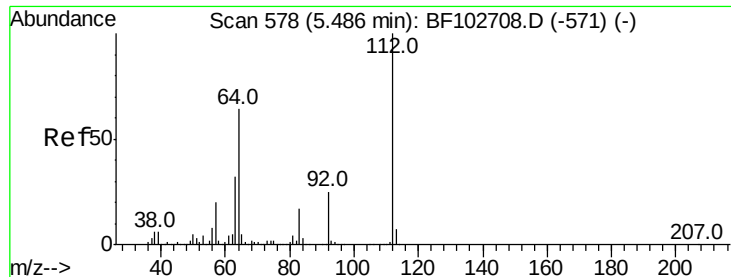
Ion Ratio Lower Upper

42 100

74 128.7 104.9 157.3

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 110.636 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

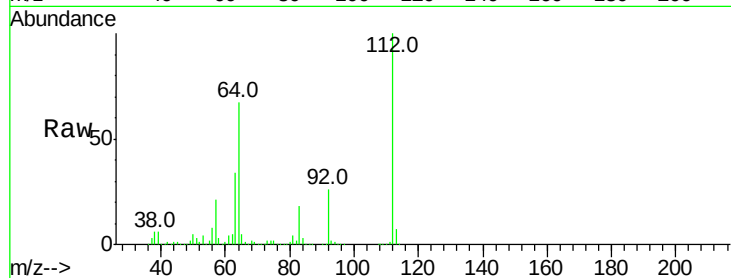
Tot Ion:112 Resp: 1322095

Ion Ratio Lower Upper

112 100

64 66.7 47.9 71.9

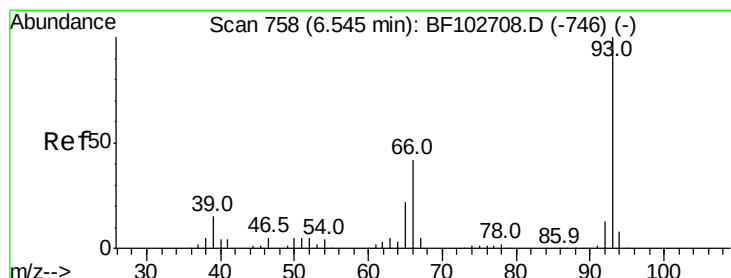
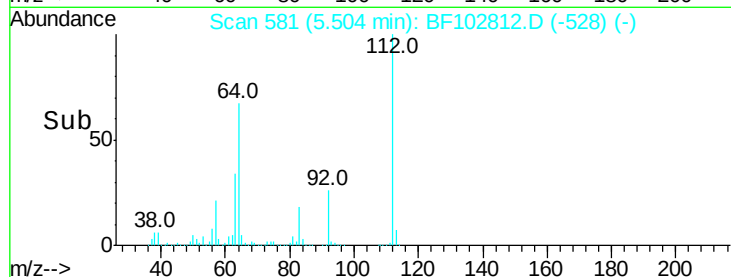
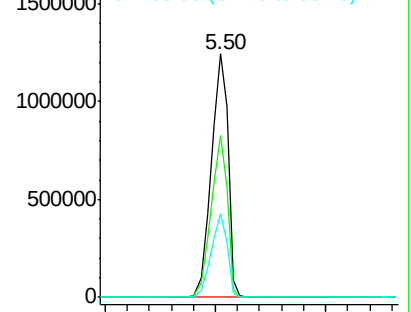
63 34.2 23.7 35.5



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: 23.402 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

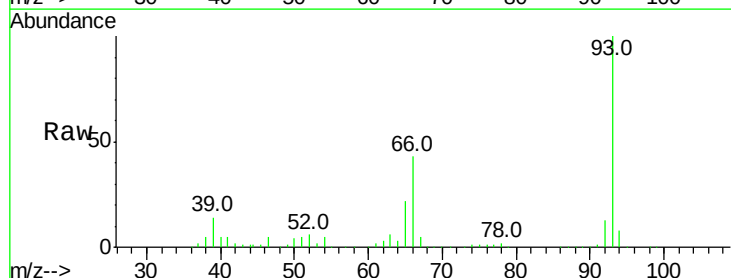
Tgt Ion: 93 Resp: 497268

Ion Ratio Lower Upper

93 100

66 43.5 32.2 48.2

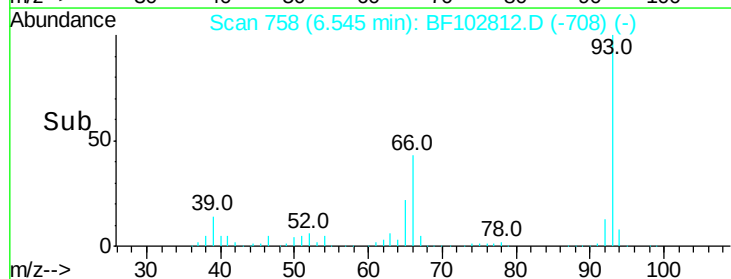
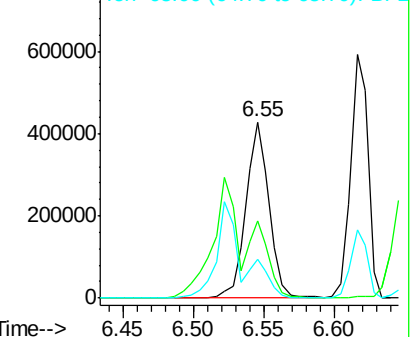
65 22.3 16.4 24.6

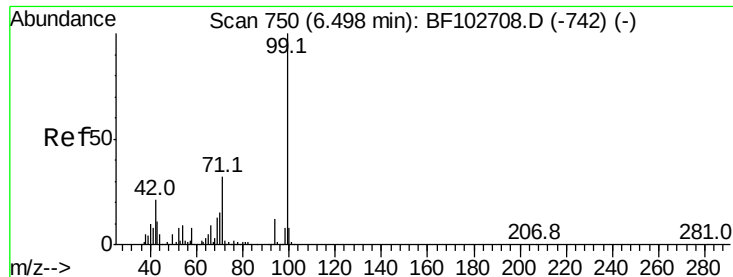


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.707 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

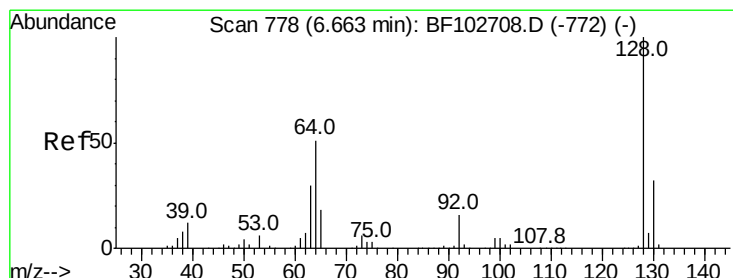
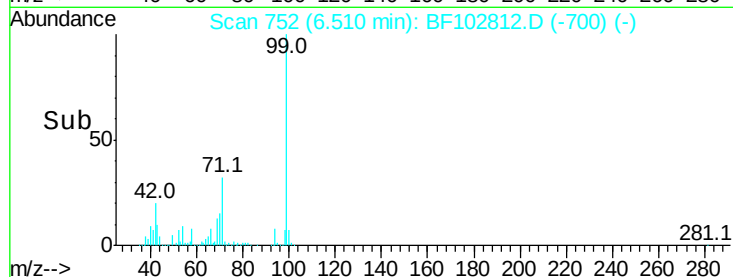
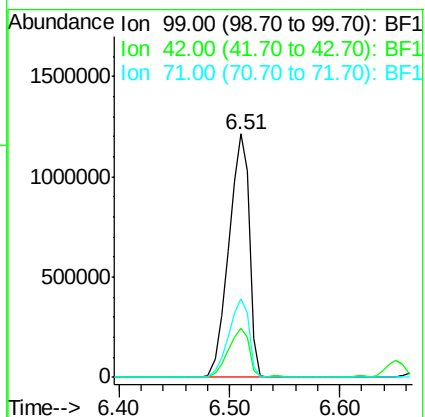
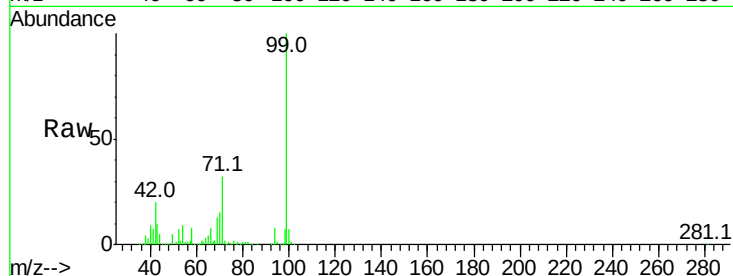
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1578530

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	32.4	25.4	38.0



#8

2-Chlorophenol

Concen: 41.583 ng

RT: 6.67 min Scan# 779

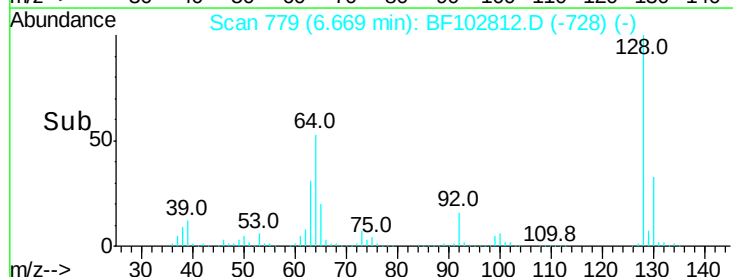
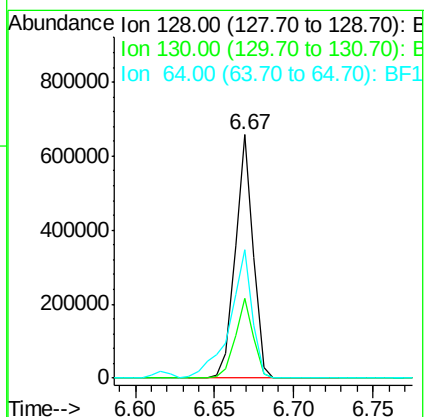
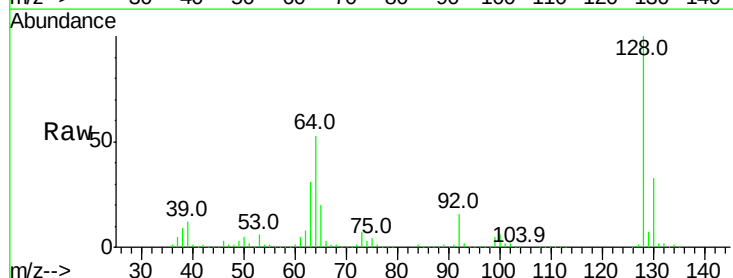
Delta R.T. 0.00 min

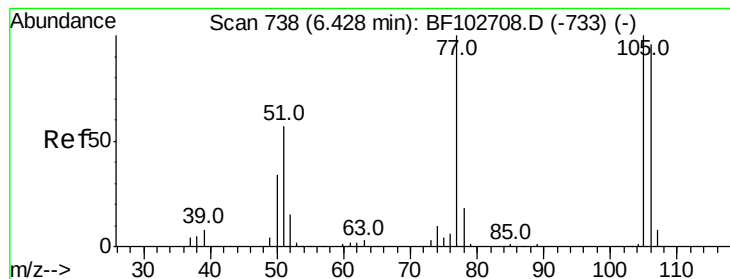
Lab File: BF102812.D

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Tgt Ion: 128 Resp: 511573

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	52.9	29.4	69.4





#9

Benzaldehyde

Concen: 15.739 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

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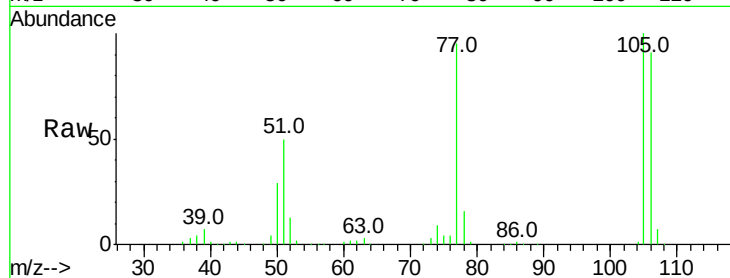
Tot Ion: 77 Resp: 168172

Ion Ratio Lower Upper

77 100

105 105.1 81.1 121.1

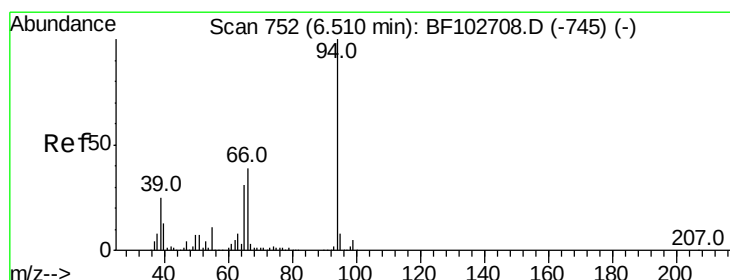
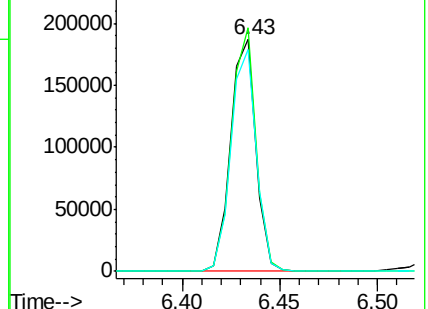
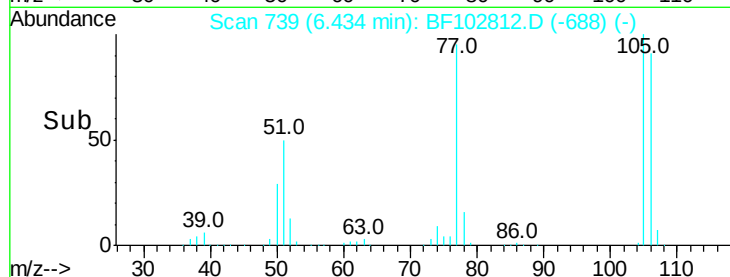
106 95.7 74.5 114.5



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: 44.354 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

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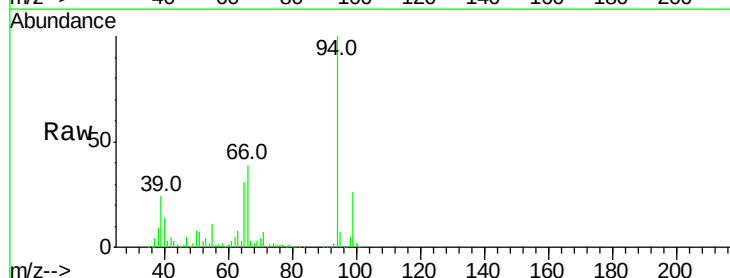
Tgt Ion: 94 Resp: 683933

Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

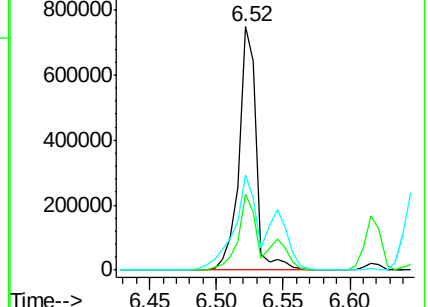
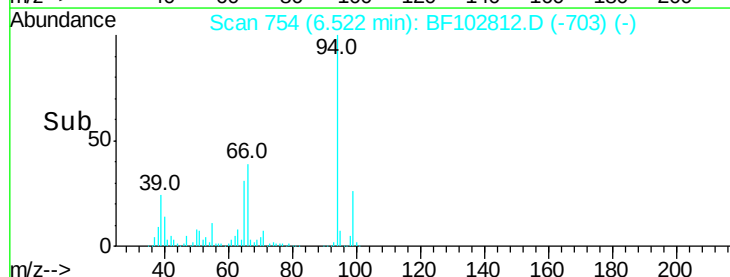
66 39.1 16.2 56.2

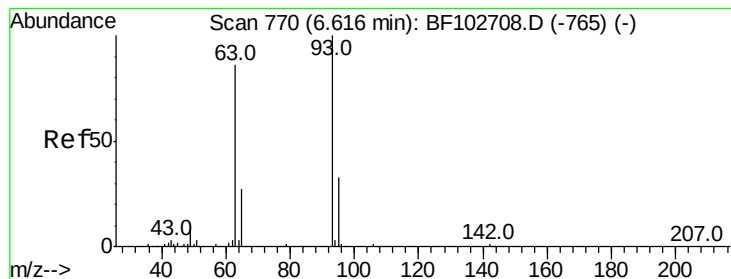


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

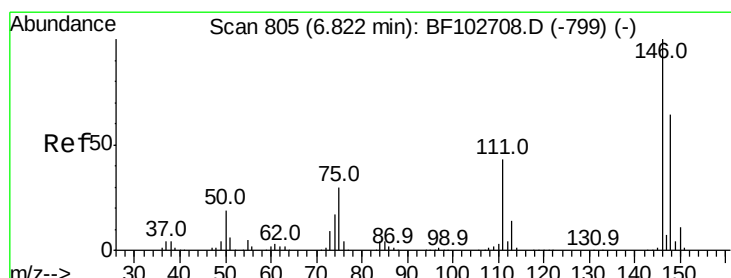
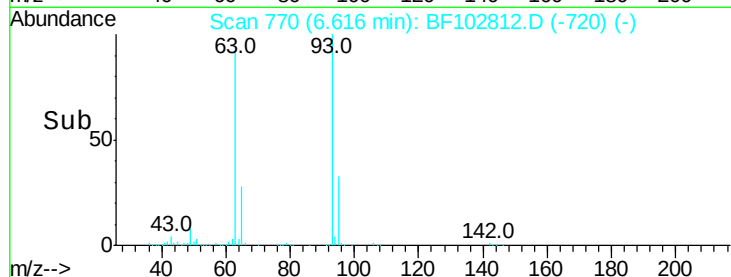
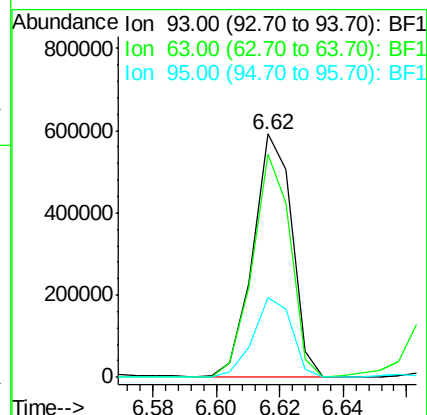
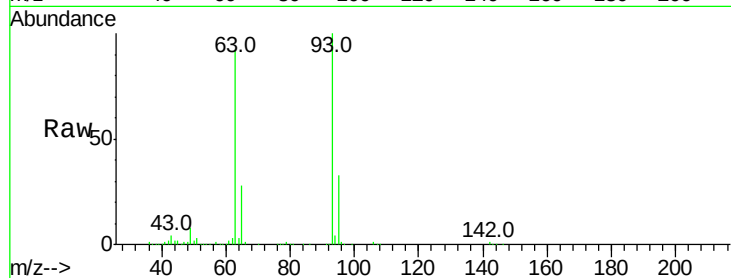




#11
bis(2-Chloroethyl)ether
Concen: 38.963 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

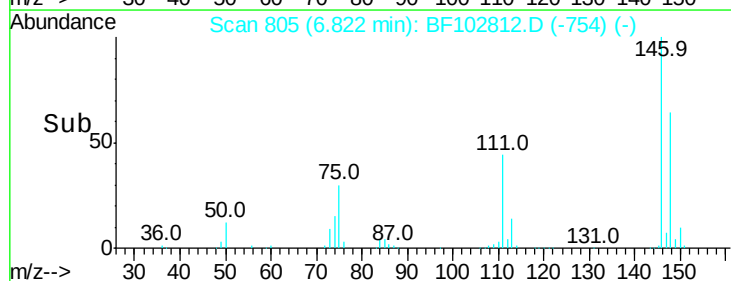
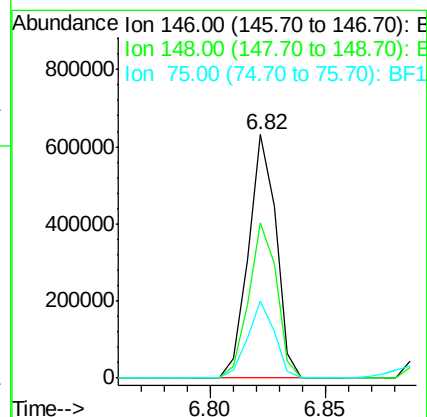
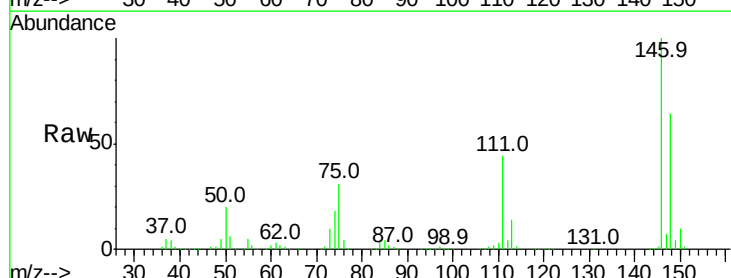
Instrument :
BNA_F
ClientSampleId :

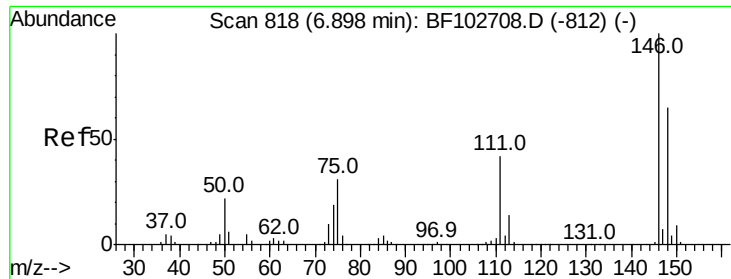
Tot Ion	Ratio	Lower	Upper
93	100		
63	91.6	58.6	98.6
95	32.7	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 37.294 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
75	31.5	24.2	36.4

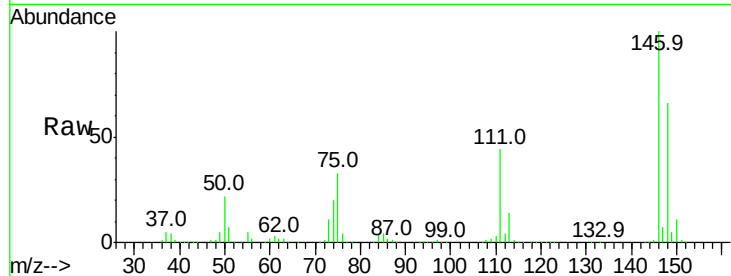




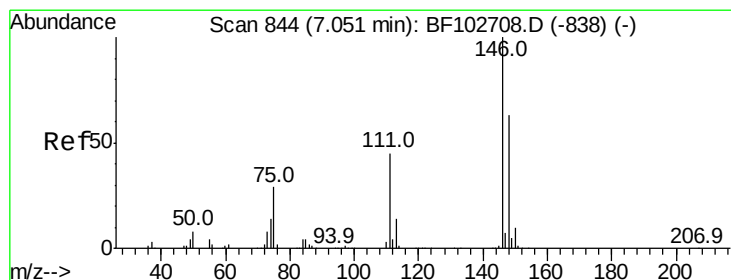
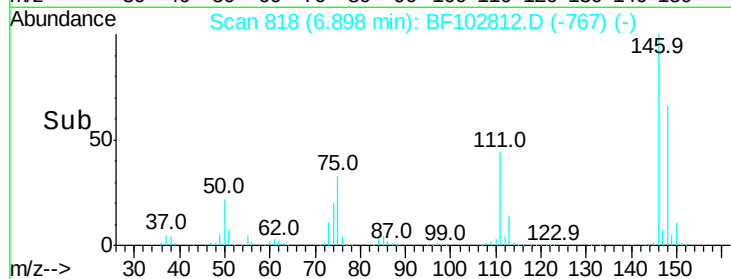
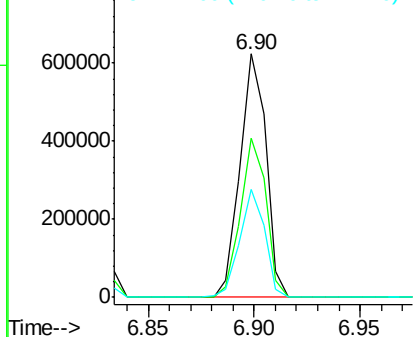
#13
 1,4-Dichlorobenzene
 Concen: 37.422 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 531074
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.8 76.2
 111 44.2 34.2 51.2

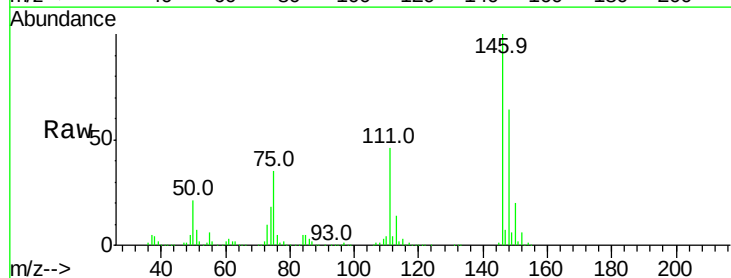


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

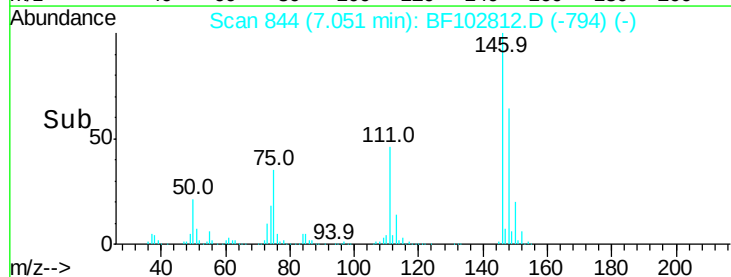
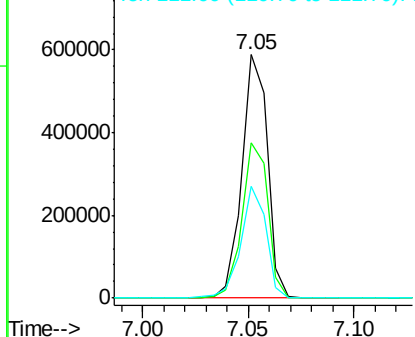


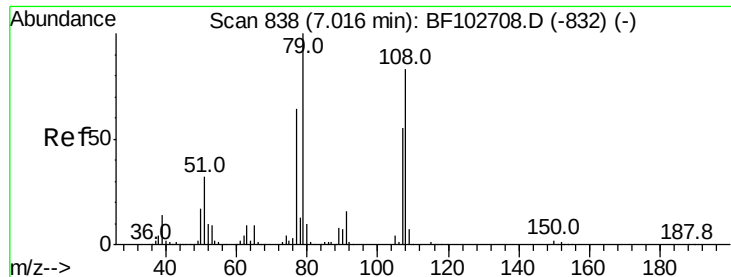
#14
 1,2-Dichlorobenzene
 Concen: 37.101 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion:146 Resp: 490411
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 45.7 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: 40.817 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

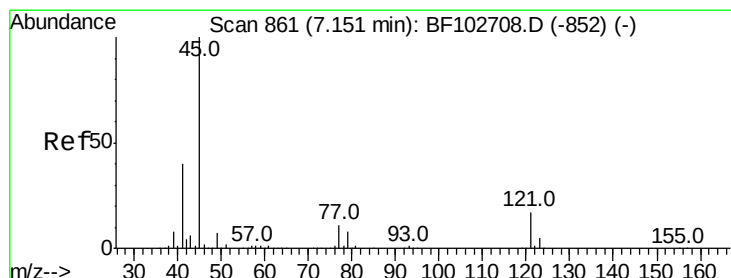
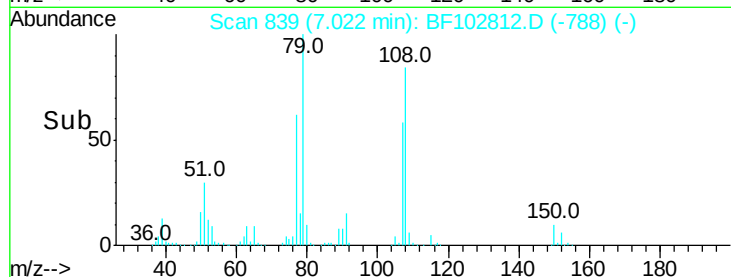
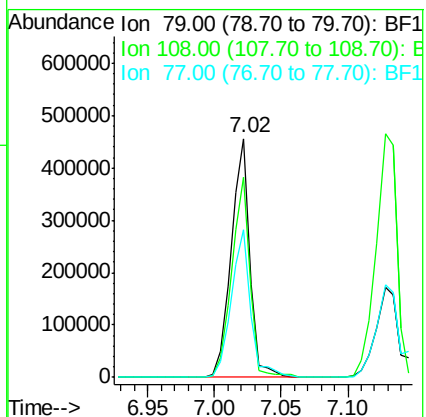
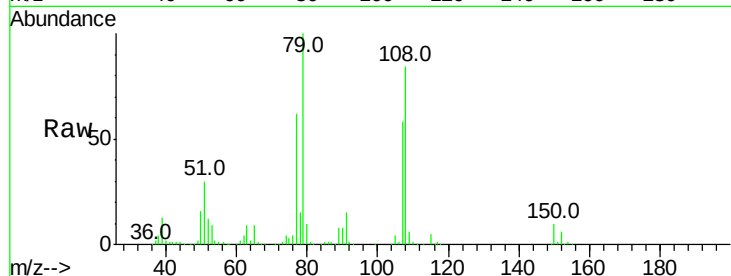
Tot Ion: 79 Resp: 451531

Ion Ratio Lower Upper

79 100

108 84.0 65.1 97.7

77 61.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.679 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

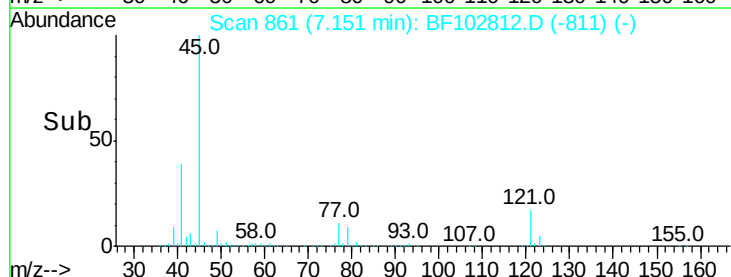
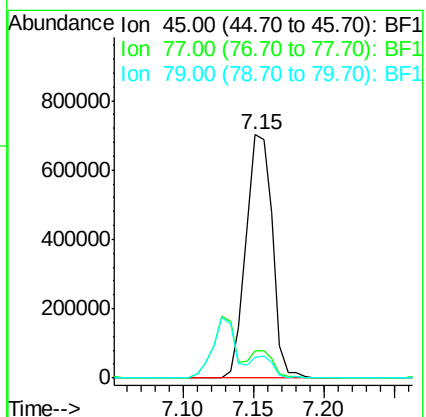
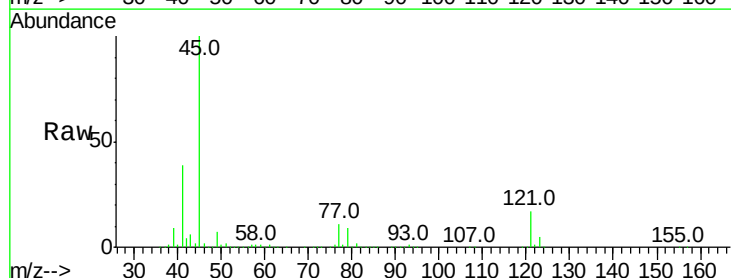
Tgt Ion: 45 Resp: 918411

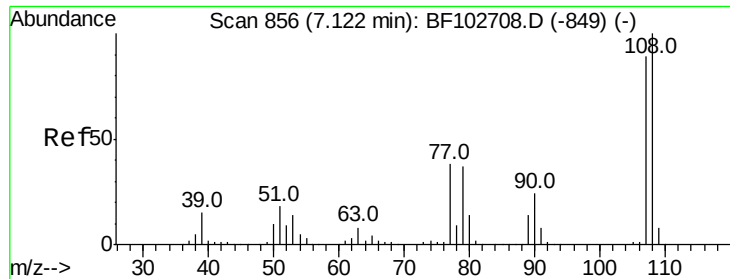
Ion Ratio Lower Upper

45 100

77 11.0 0.0 32.9

79 8.6 0.0 29.6

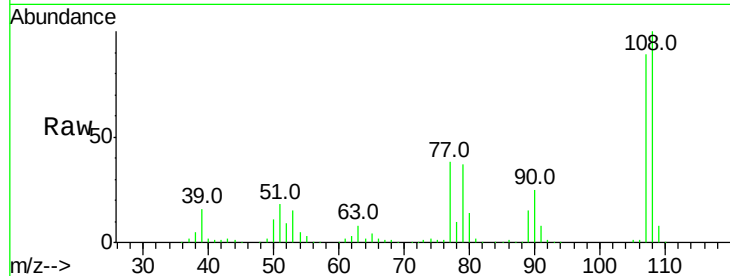




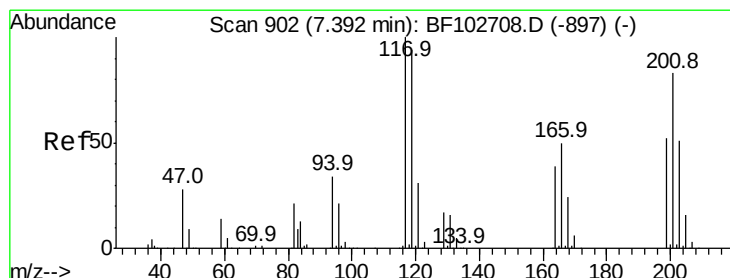
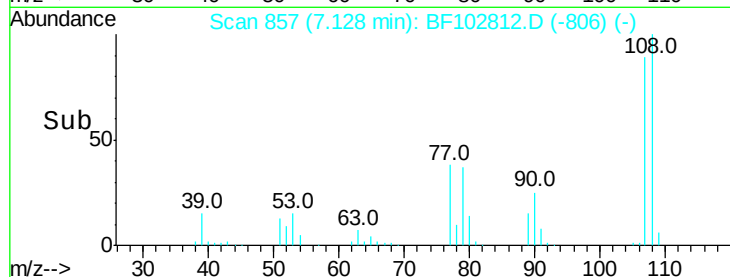
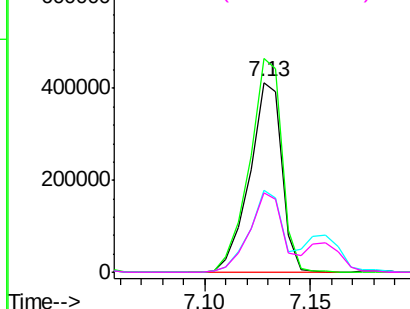
#17
2-Methylphenol
Concen: 38.740 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	43.1	33.8	50.8
79	42.0	33.8	50.8

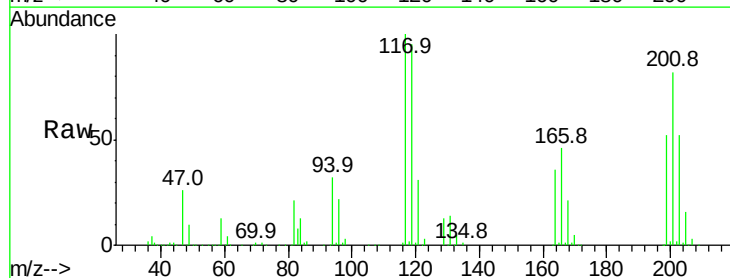


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

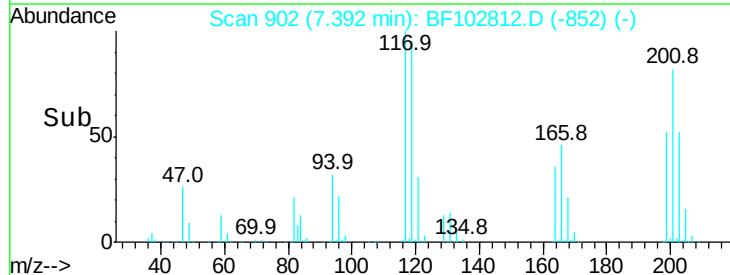
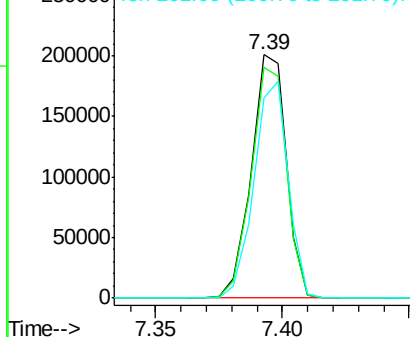


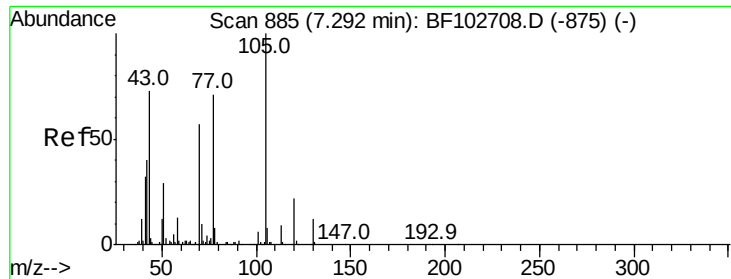
#18
Hexachloroethane
Concen: 39.805 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.8	113.8
201	82.1	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

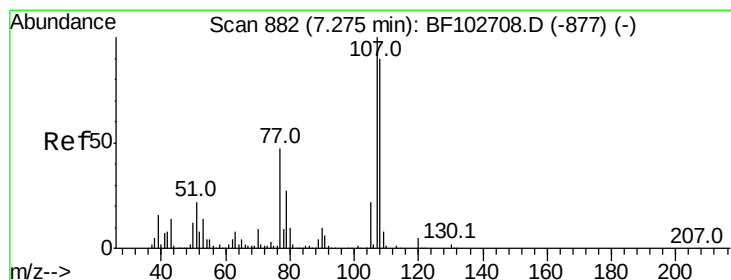
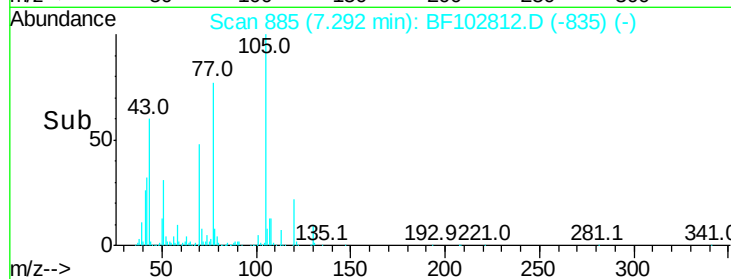
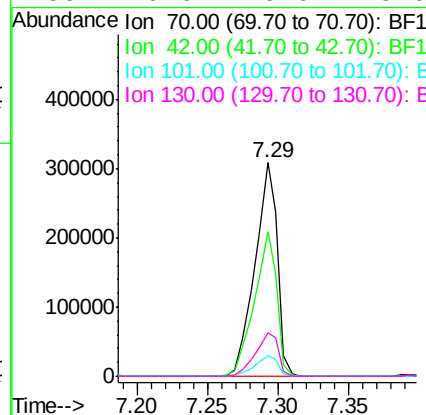
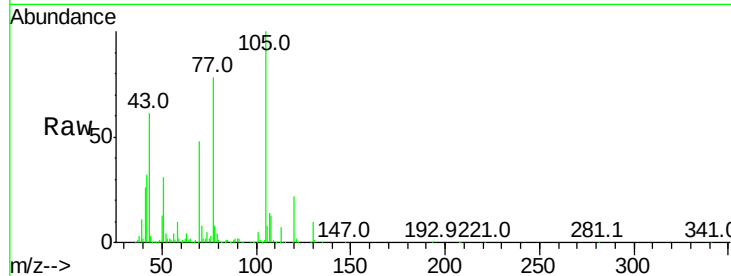




#19
 n-Nitroso-di-n-propylamine
 Concen: 36.168 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

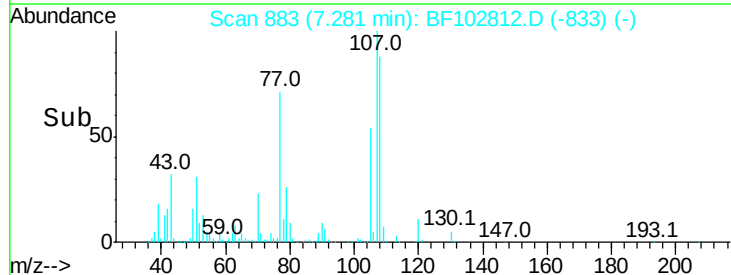
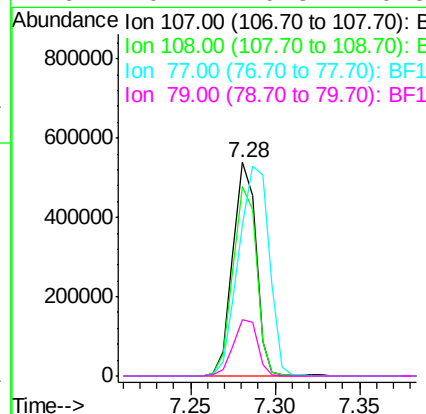
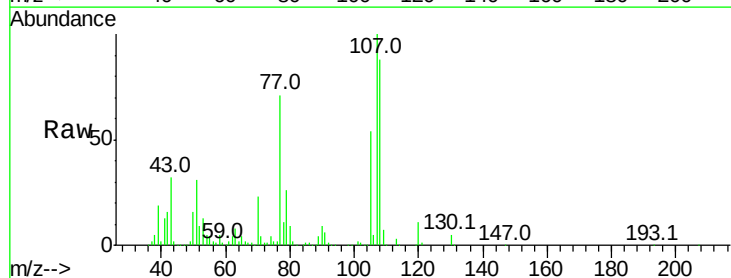
Instrument :
 BNA_F
 ClientSampleId :

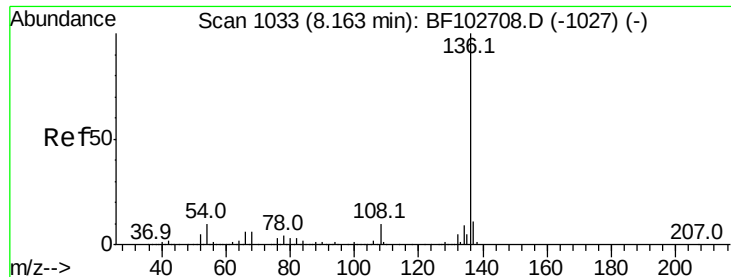
Tot Ion:	70	Resp:	343117
Ion	Ratio	Lower	Upper
70	100		
42	68.0	47.5	71.3
101	9.7	7.4	11.2
130	20.6	16.6	25.0



#20
 3+4-Methylphenols
 Concen: 37.086 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion:	107	Resp:	518988
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.2	108.2
77	70.6	26.7	66.7#
79	26.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 766188

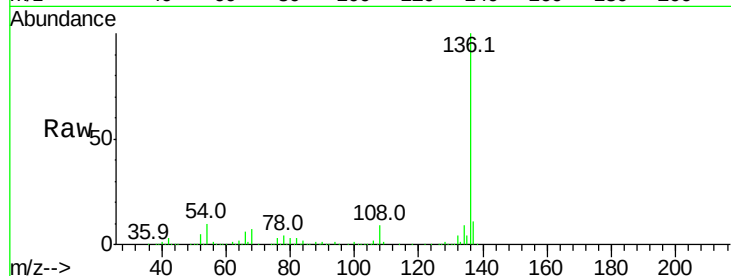
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.3 6.6 9.8#

68 6.8 5.0 7.4

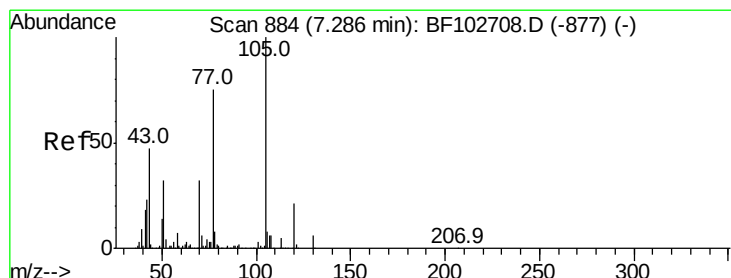
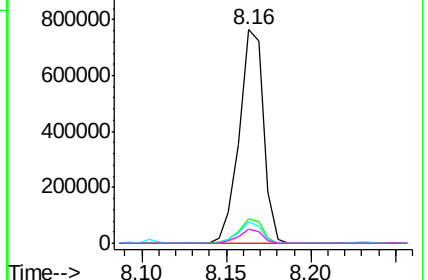
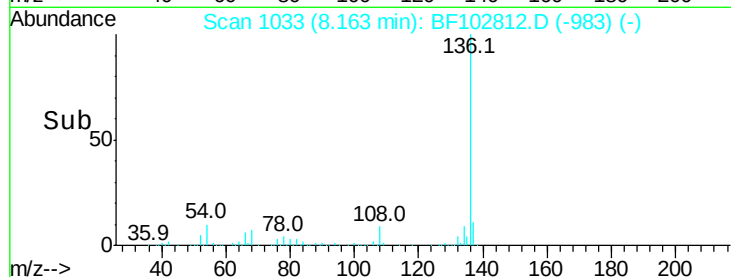


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.980 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Tgt Ion:105 Resp: 693348

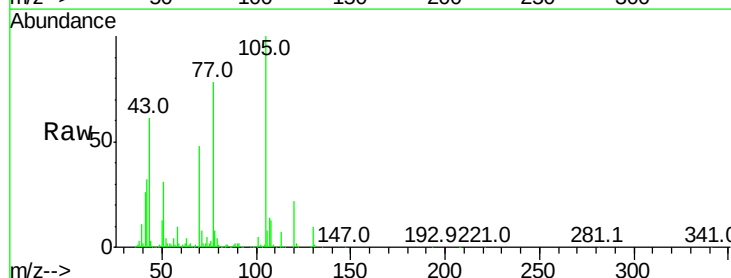
Ion Ratio Lower Upper

105 100

71 8.2 4.4 6.6#

51 31.2 22.3 33.5

120 21.8 16.9 25.3

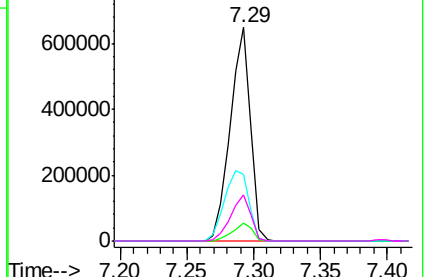
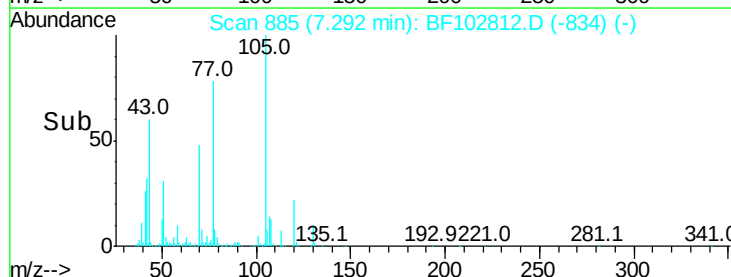


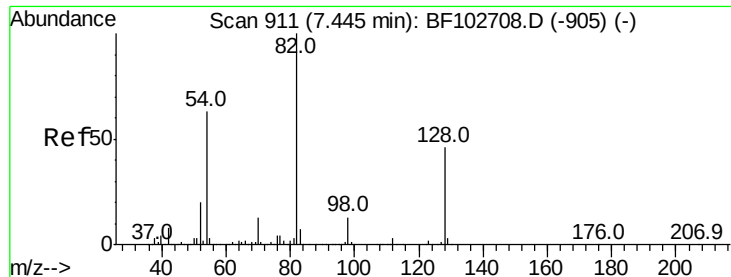
Abundance Ion 105.00 (104.70 to 105.70): E

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

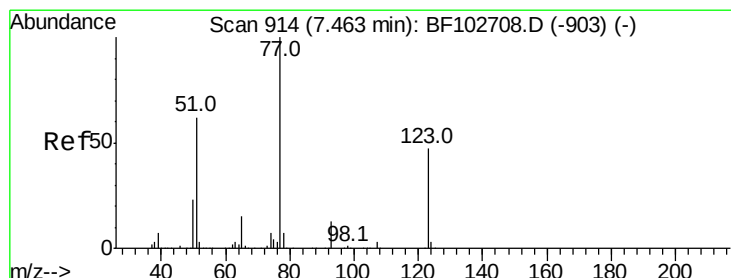
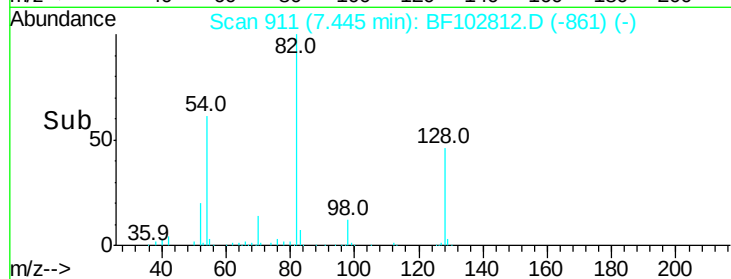
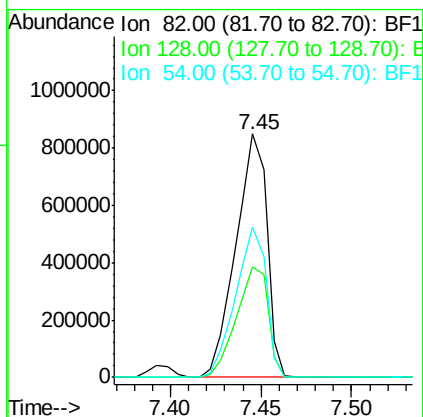
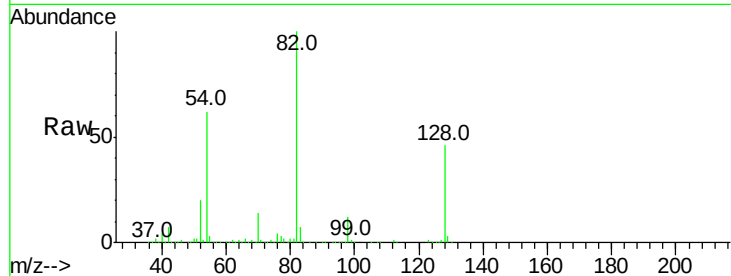




#23
 Nitrobenzene-d5
 Concen: 91.579 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

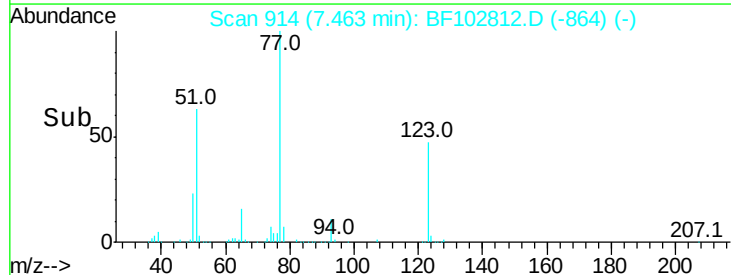
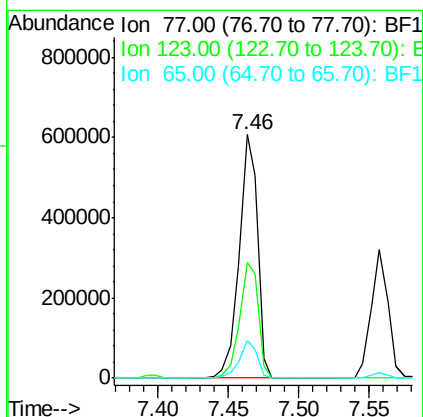
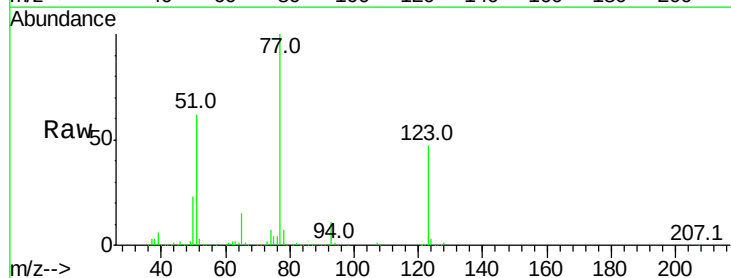
Instrument :
 BNA_F
 ClientSampled :

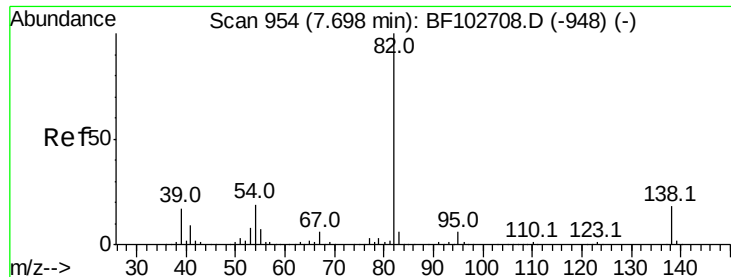
Tot Ion: 82 Resp: 1011474
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 61.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 42.136 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion: 77 Resp: 547489
 Ion Ratio Lower Upper
 77 100
 123 47.4 37.9 56.9
 65 15.4 11.0 16.4





#25

Isophorone

Concen: 39.741 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

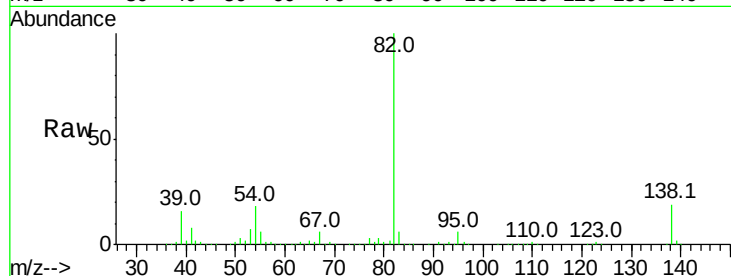
Tot Ion: 82 Resp: 1010708

Ion Ratio Lower Upper

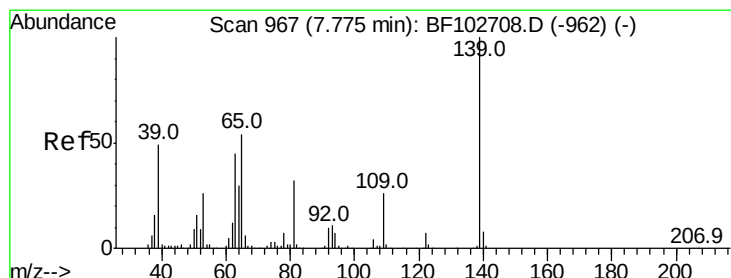
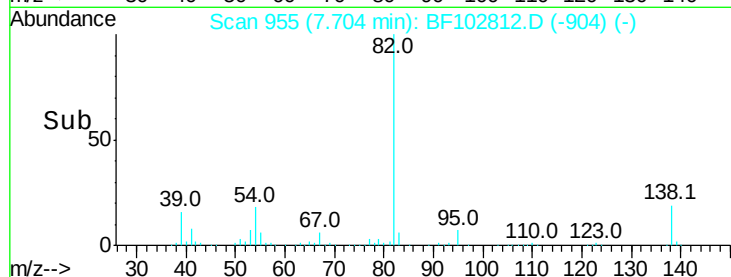
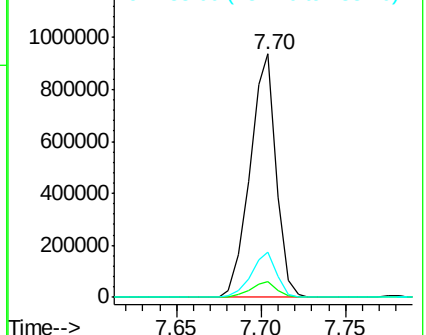
82 100

95 6.5 5.2 7.8

138 18.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.902 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

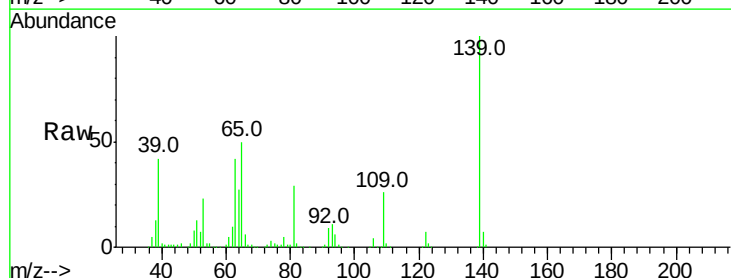
Tgt Ion: 139 Resp: 288129

Ion Ratio Lower Upper

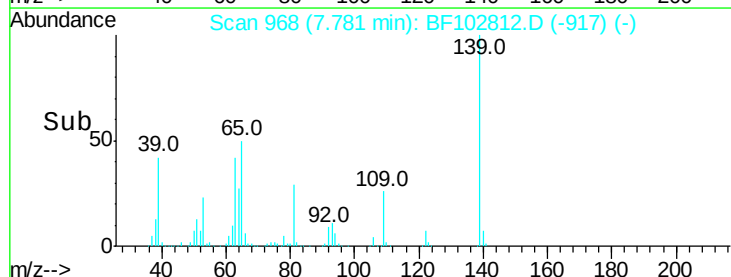
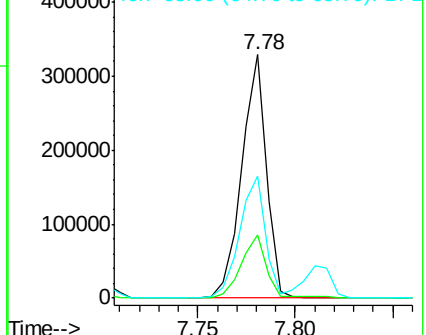
139 100

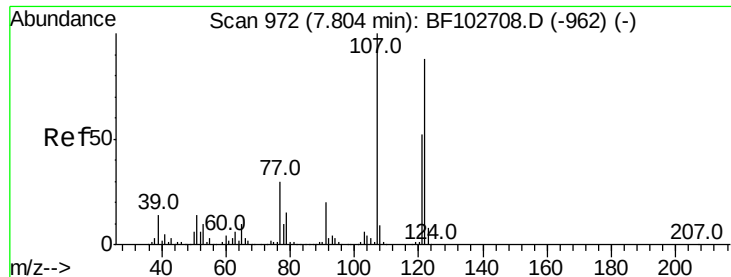
109 26.0 22.7 34.1

65 50.3 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 42.296 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

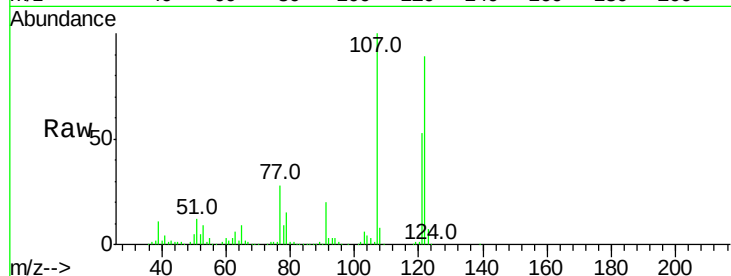
Tot Ion:122 Resp: 454458

Ion Ratio Lower Upper

122 100

107 112.6 91.2 136.8

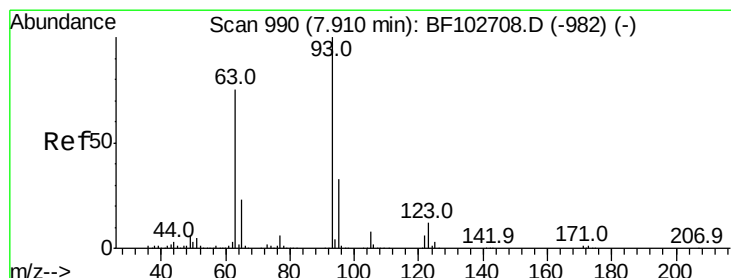
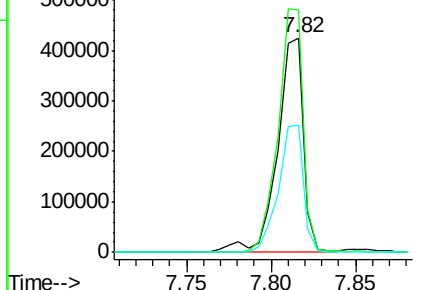
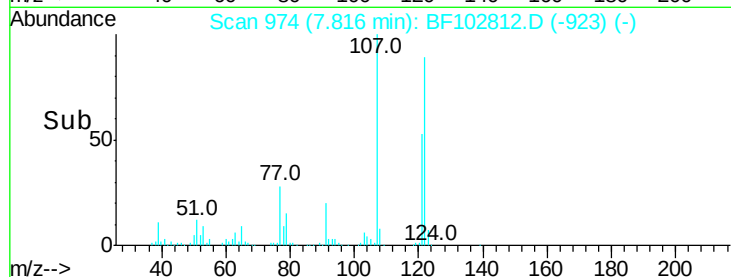
121 59.4 47.2 70.8



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: 42.212 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

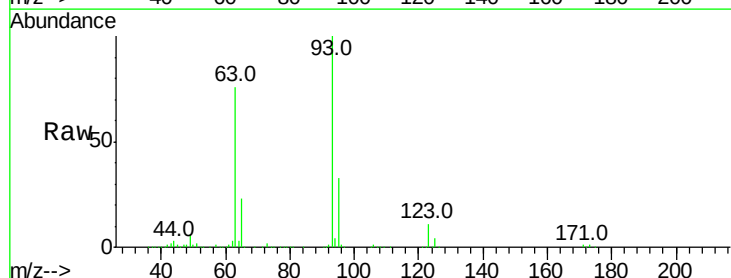
Tgt Ion: 93 Resp: 635965

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

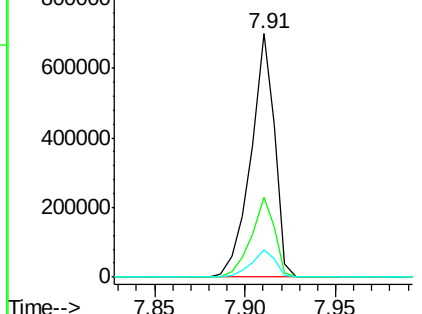
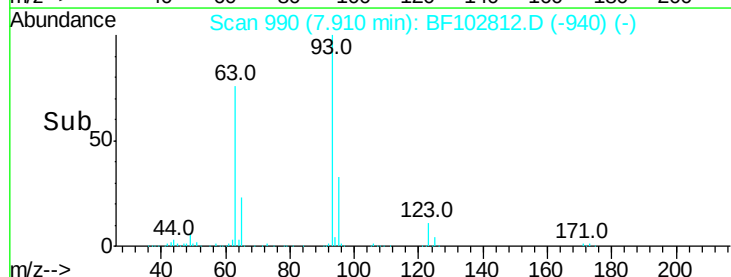
123 11.2 9.8 14.6

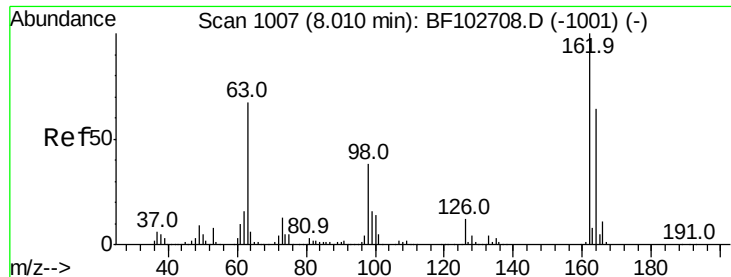


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

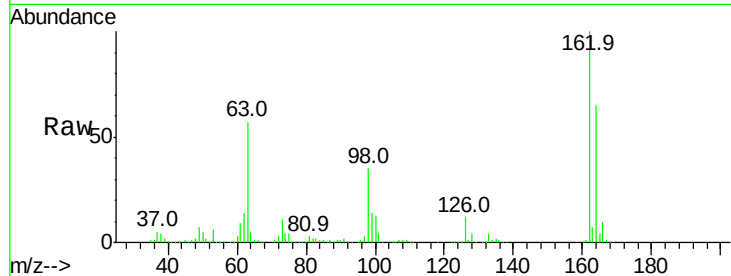




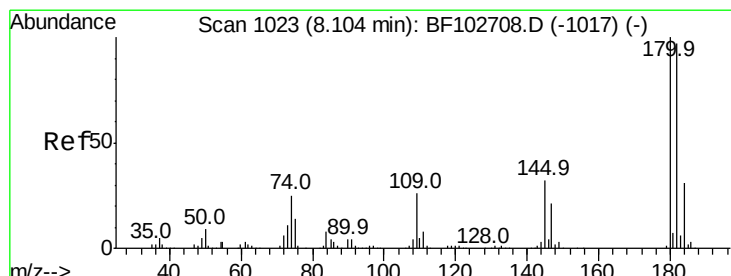
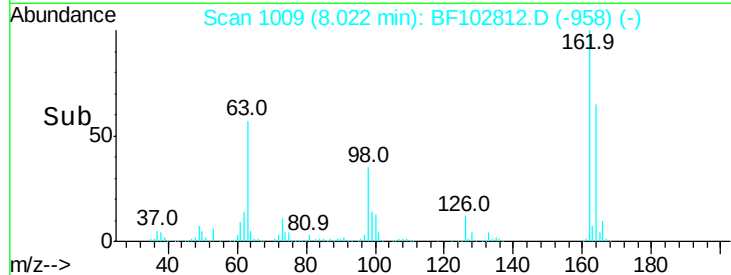
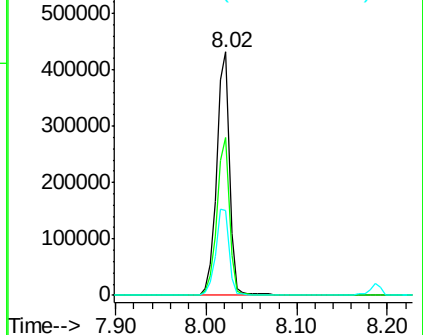
#29
 2,4-Dichlorophenol
 Concen: 43.320 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.7	82.7
98	35.0	18.1	58.1

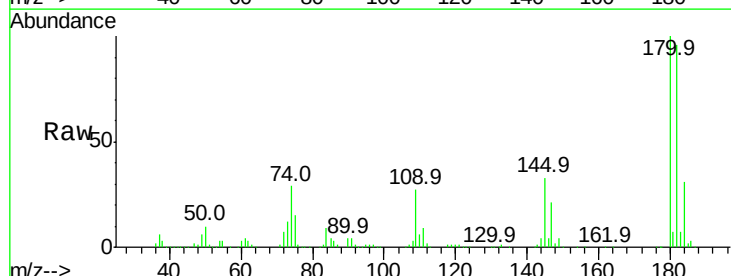


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

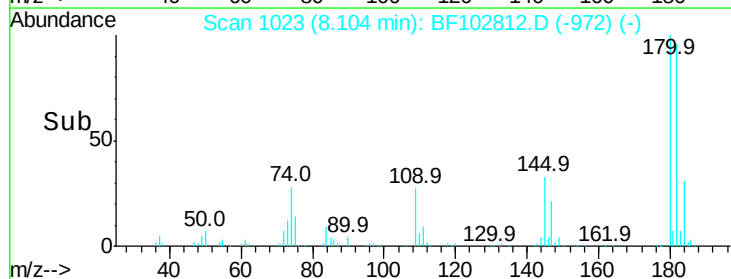
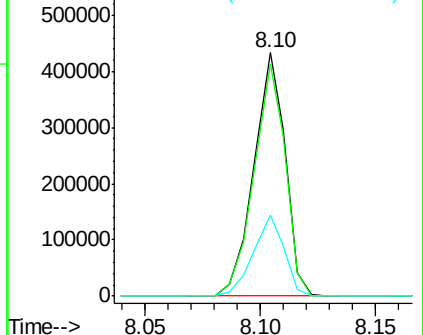


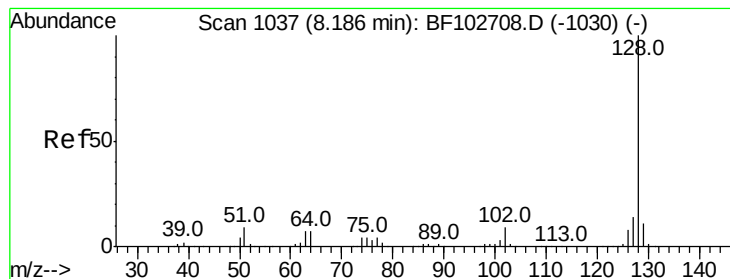
#30
 1,2,4-Trichlorobenzene
 Concen: 37.193 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	33.4	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: 37.910 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

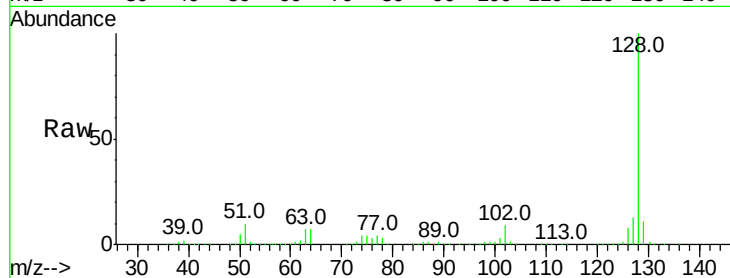
Tot Ion:128 Resp: 1419140

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

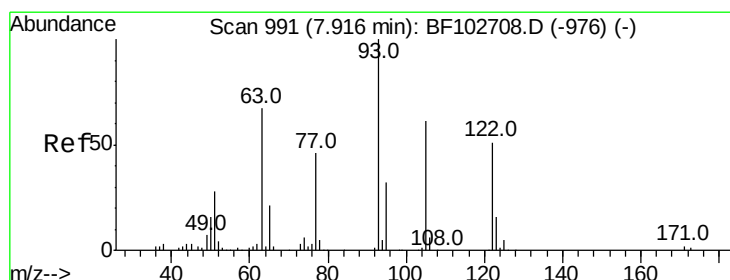
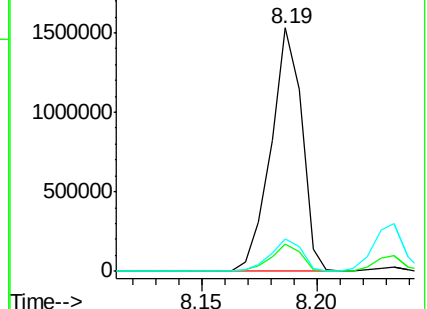
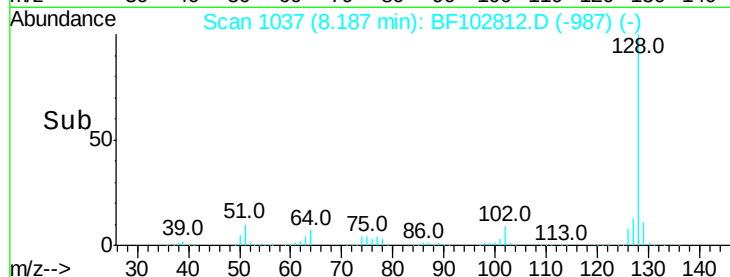
127 13.5 10.9 16.3



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: 56.244 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.12 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

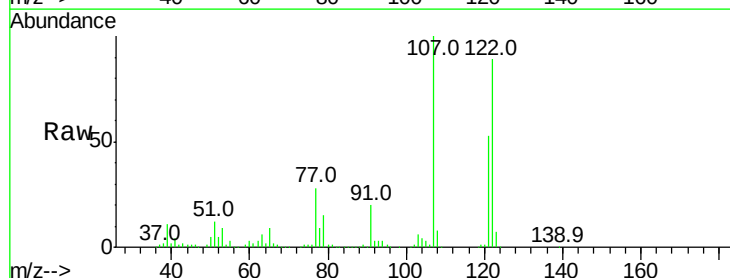
Tgt Ion:122 Resp: 454458

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

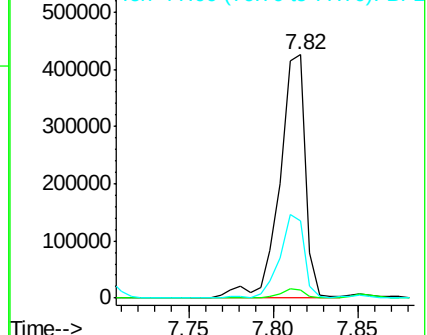
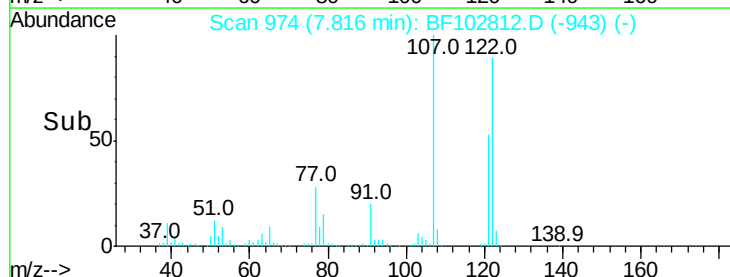
77 31.9 70.7 110.7#

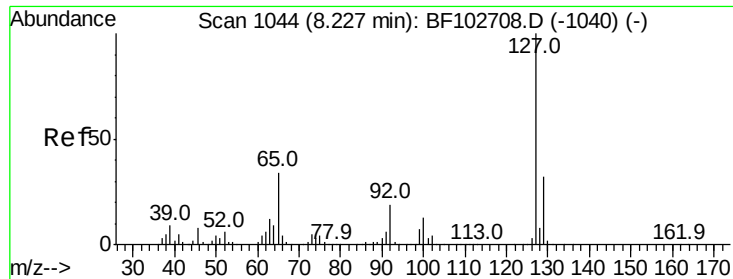


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

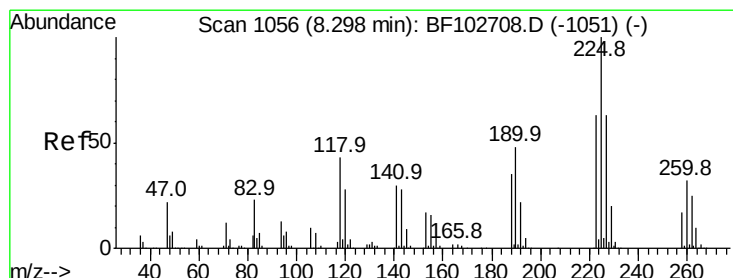
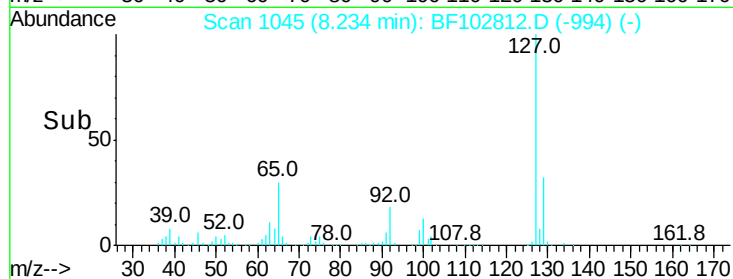
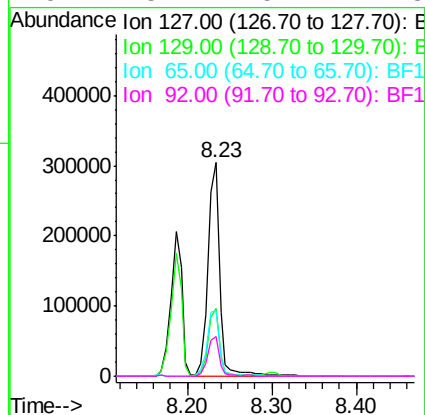
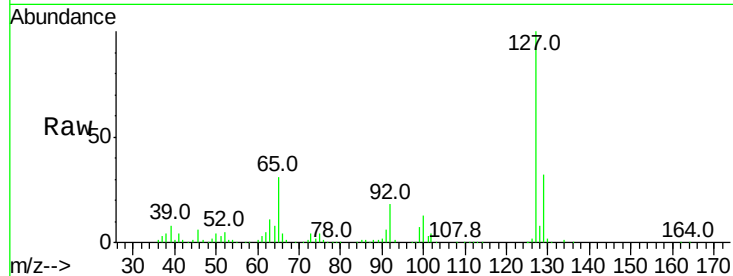




#33
4-Chloroaniline
Concen: 18.375 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

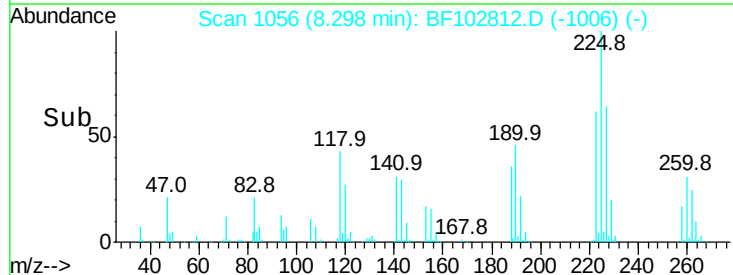
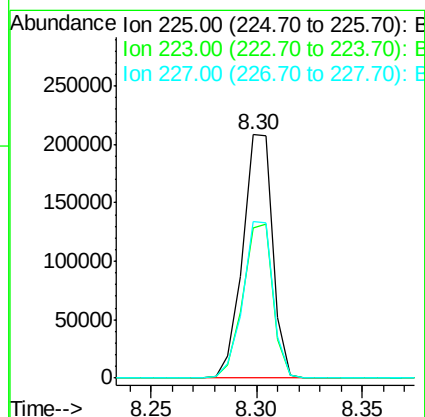
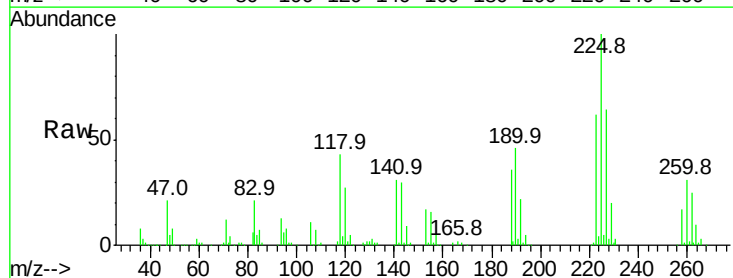
Instrument :
BNA_F
ClientSampleId :

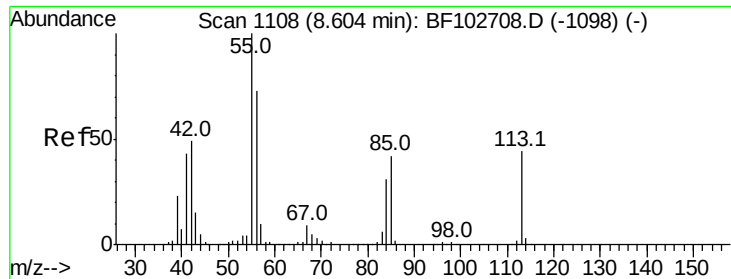
Tot Ion:	127	Resp:	296316
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	30.7	25.0	37.4
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.120 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion:	225	Resp:	204520
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	64.3	51.9	77.9





#35

Caprolactam

Concen: 2.923 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.06 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

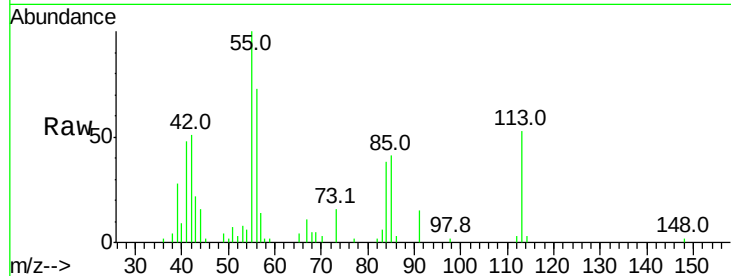
Tot Ion:113 Resp: 9916

Ion Ratio Lower Upper

113 100

55 188.1 163.3 203.3

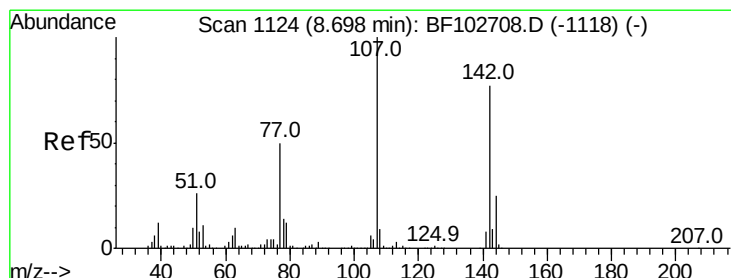
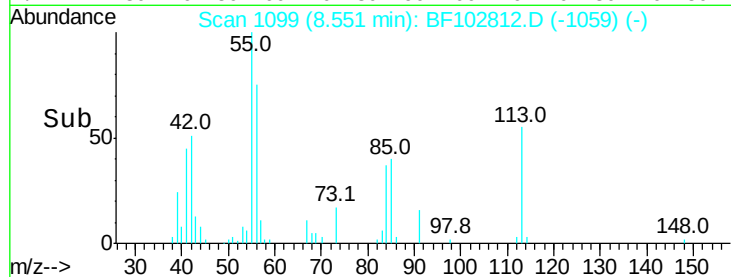
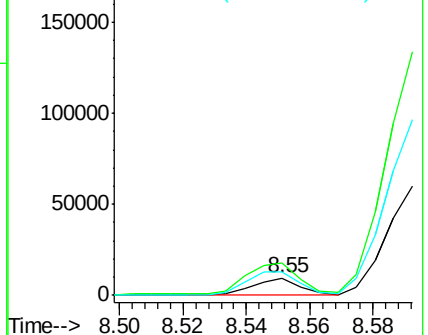
56 136.7 115.7 155.7



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: 42.753 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

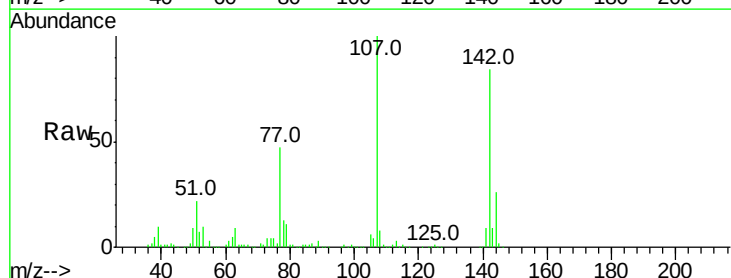
Tgt Ion:107 Resp: 469201

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

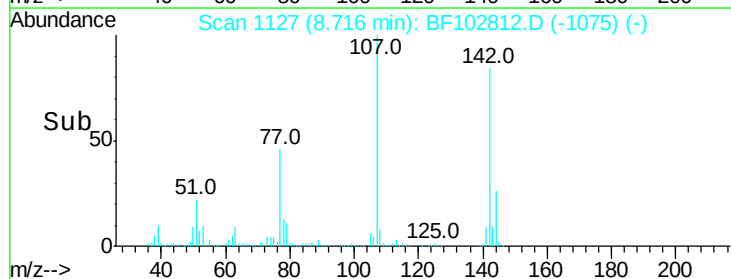
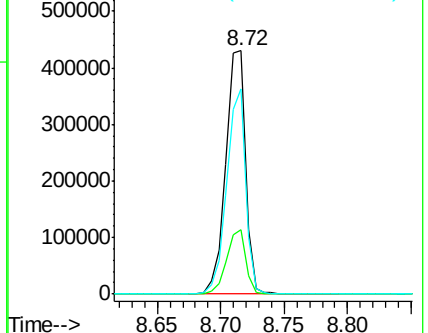
142 84.1 62.0 93.0

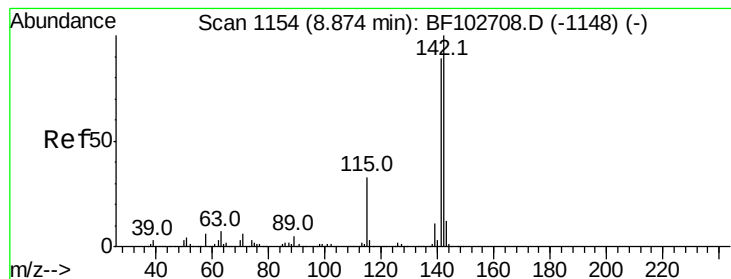


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.669 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

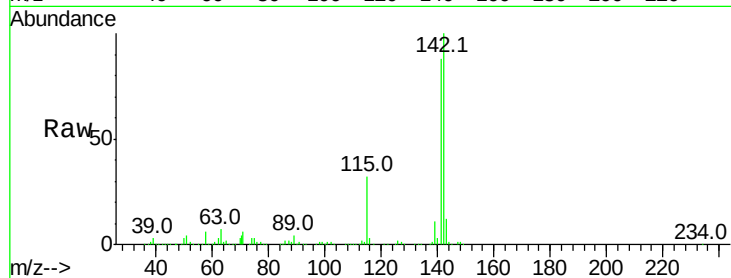
Tot Ion:142 Resp: 947718

Ion Ratio Lower Upper

142 100

141 88.4 70.8 106.2

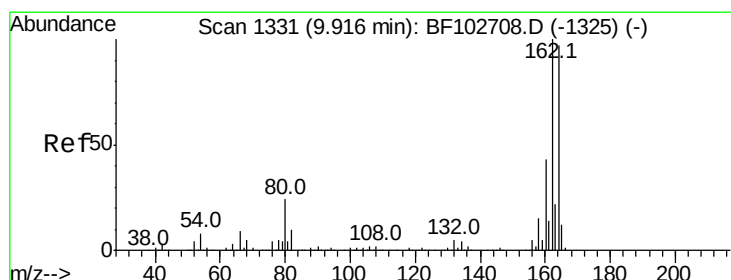
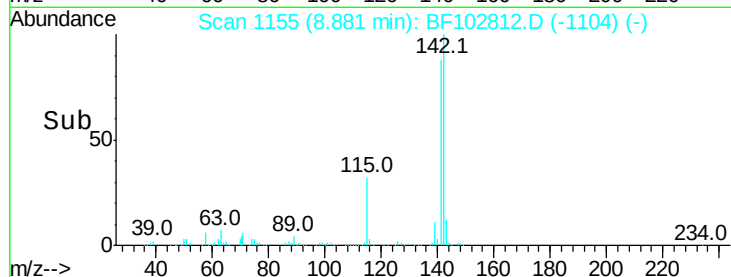
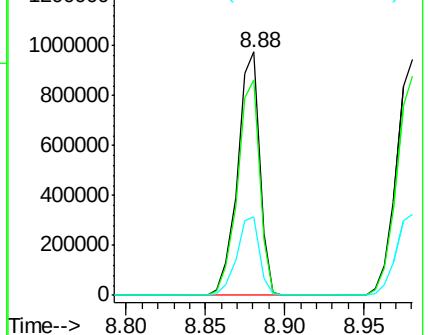
115 32.1 26.1 39.1



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: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

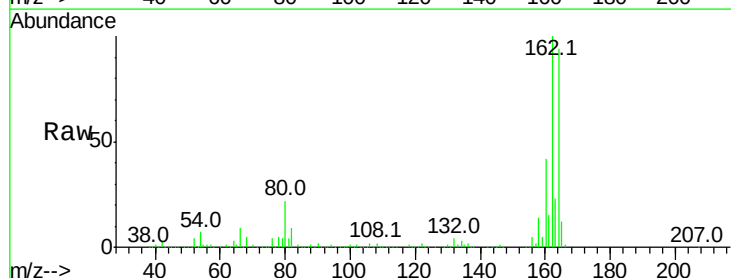
Tgt Ion:164 Resp: 345292

Ion Ratio Lower Upper

164 100

162 106.9 86.1 129.1

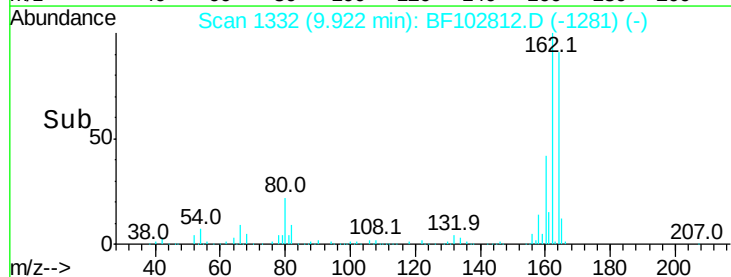
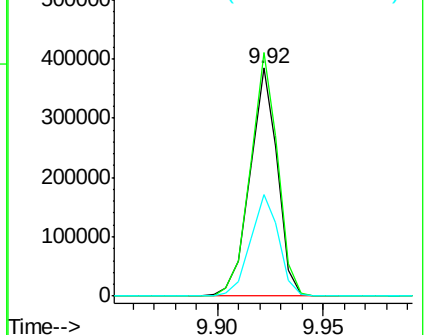
160 44.7 38.3 57.5

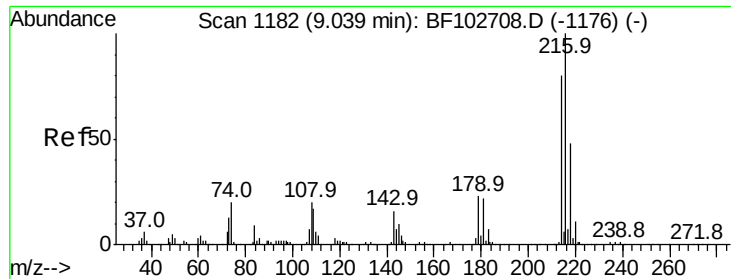


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

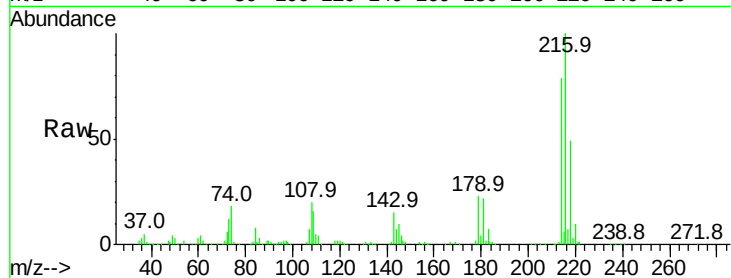




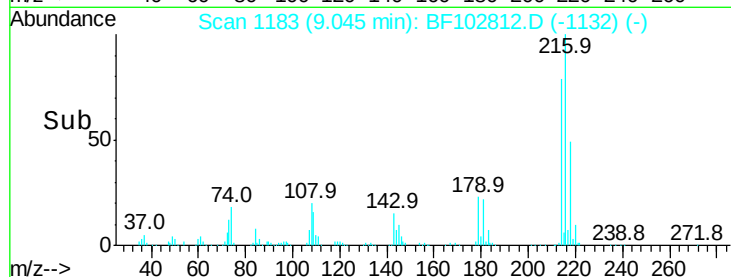
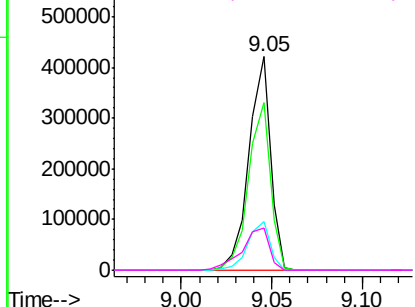
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.336 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	351025
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	23.6	18.1	27.1
108	24.7	17.2	25.8

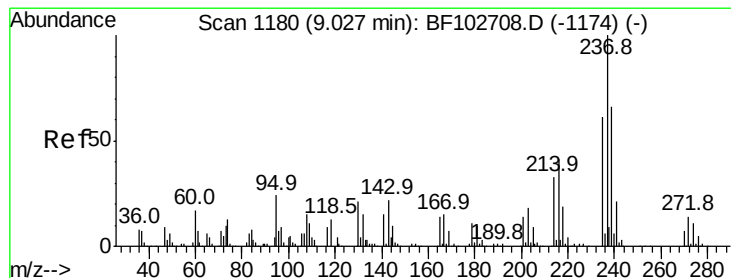


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

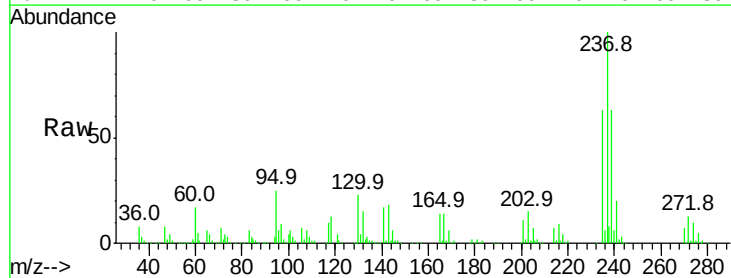
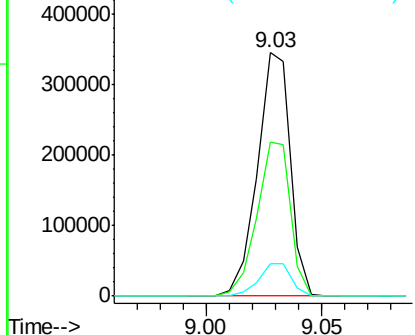


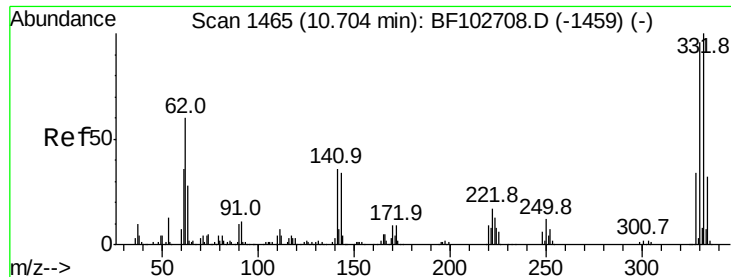
#40
 Hexachlorocyclopentadiene
 Concen: 76.833 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion:	237	Resp:	343393
Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.8	84.8
272	13.3	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

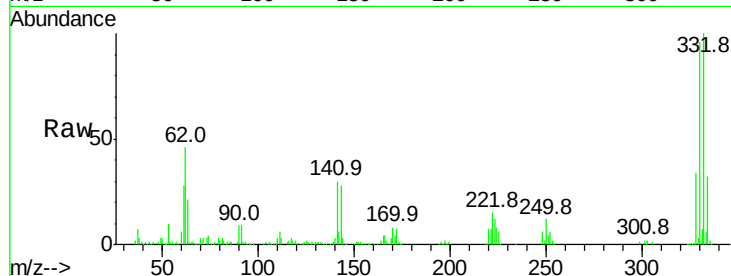




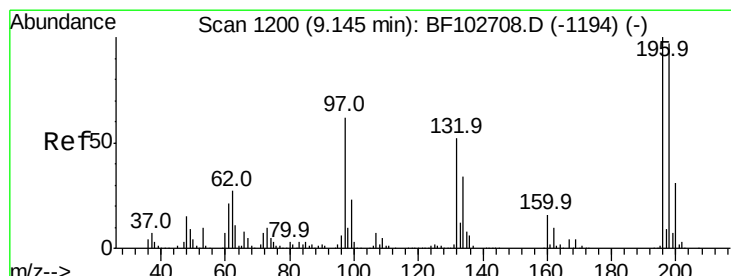
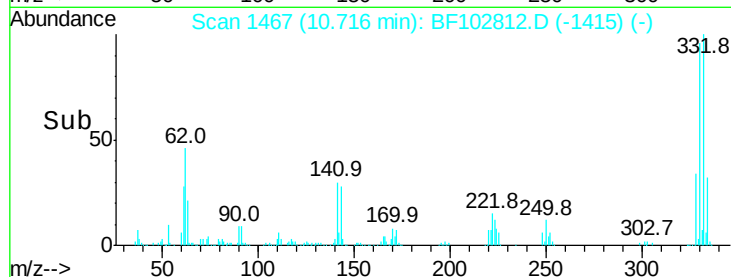
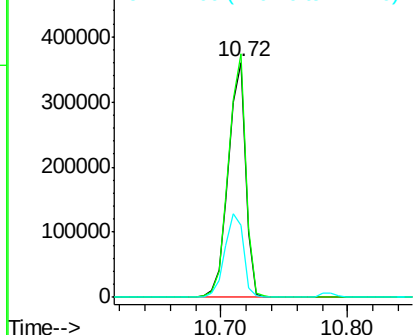
#41
 2,4,6-Tribromophenol
 Concen: 123.066 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 342025
 Ion Ratio Lower Upper
 330 100
 332 102.9 77.0 115.6
 141 38.3 29.9 44.9

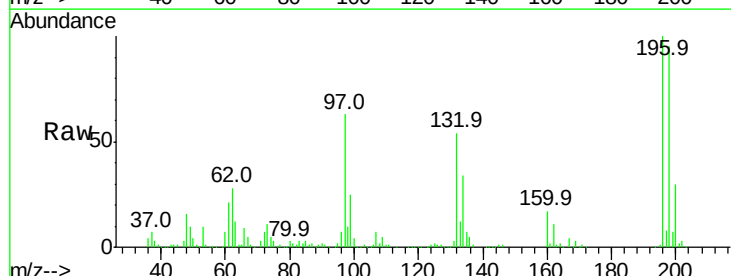


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

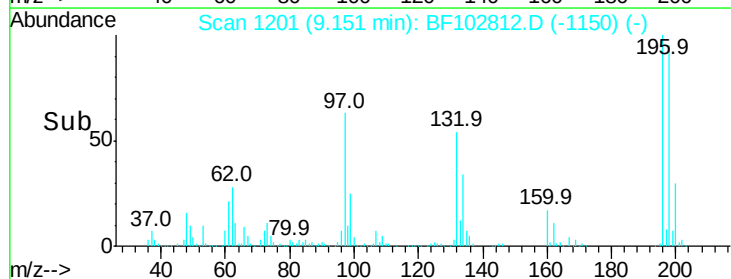
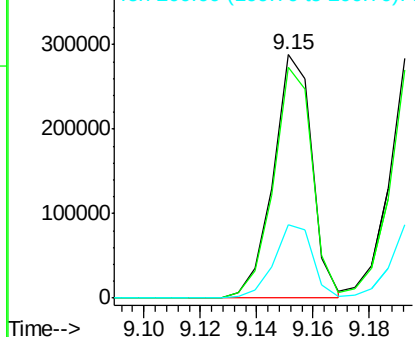


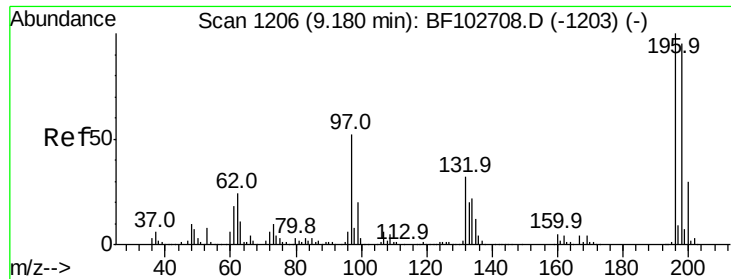
#42
 2,4,6-Trichlorophenol
 Concen: 44.355 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion:196 Resp: 273905
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 30.2 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

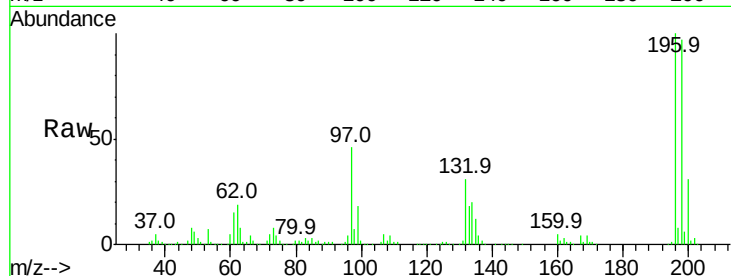




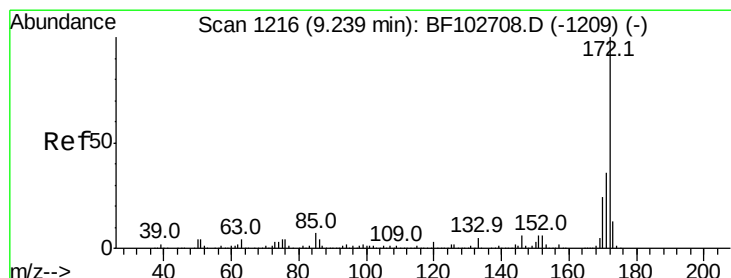
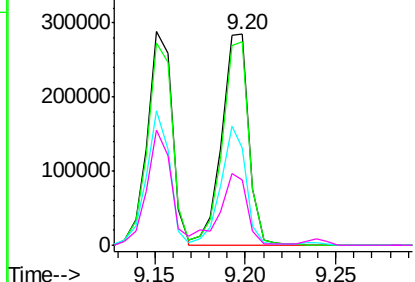
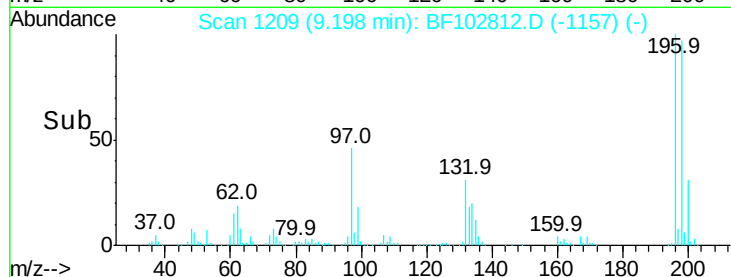
#43
 2,4,5-Trichlorophenol
 Concen: 42.389 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 295033
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.6 112.0
 97 45.9 42.9 64.3
 132 30.8 26.3 39.5

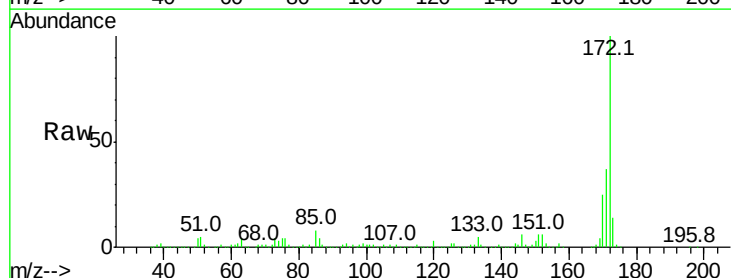


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

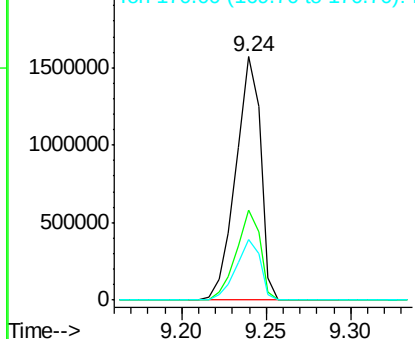
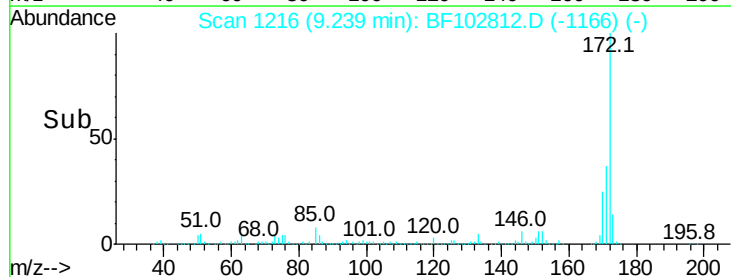


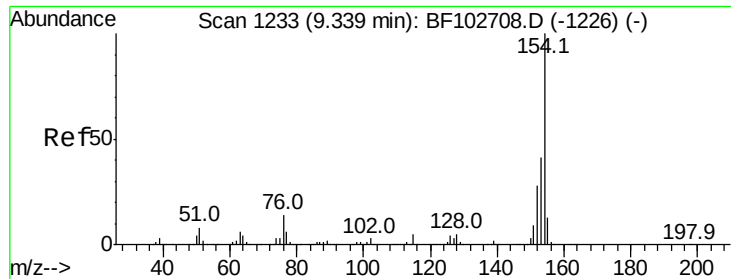
#44
 2-Fluorobiphenyl
 Concen: 77.144 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion:172 Resp: 1605267
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 25.0 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: 37.335 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampled :

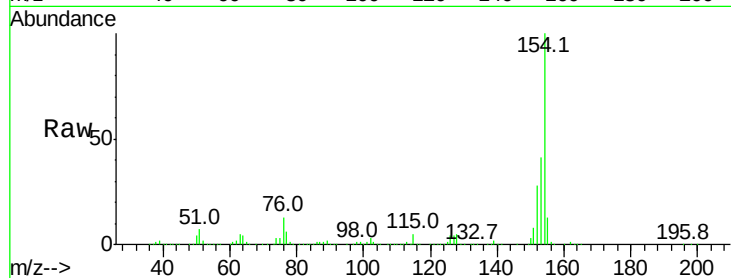
Tot Ion:154 Resp: 1085815

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

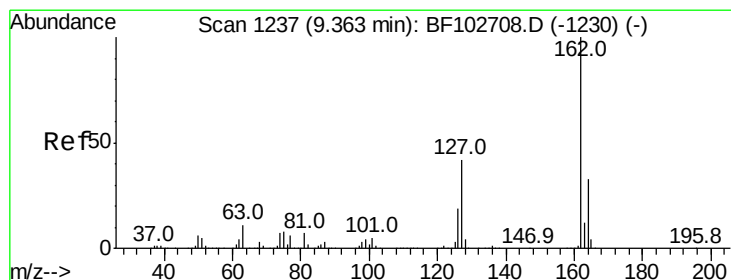
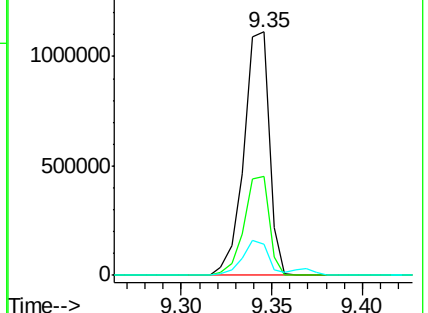
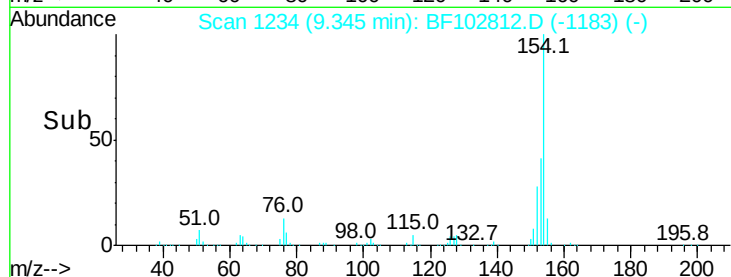
76 12.6 0.0 34.0



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: 37.992 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

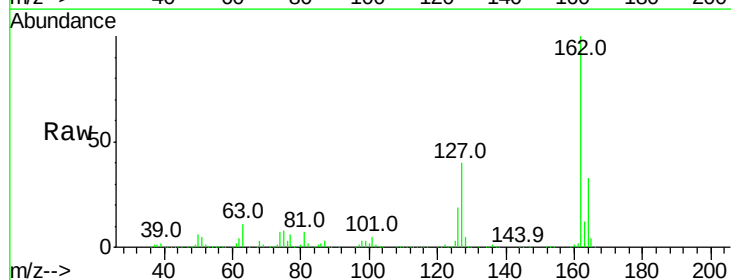
Tgt Ion:162 Resp: 869869

Ion Ratio Lower Upper

162 100

127 40.4 33.9 50.9

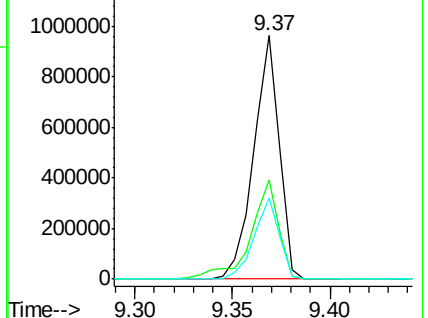
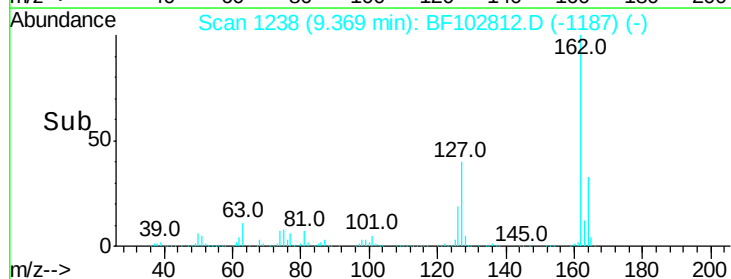
164 33.1 26.5 39.7

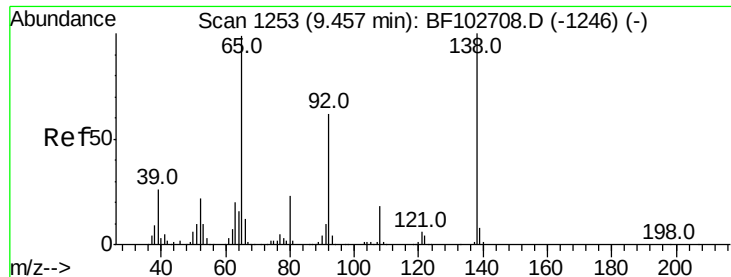


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.081 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

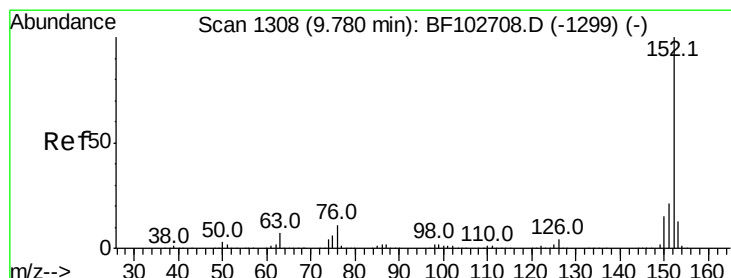
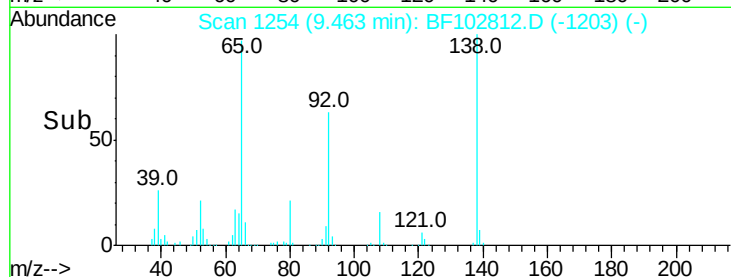
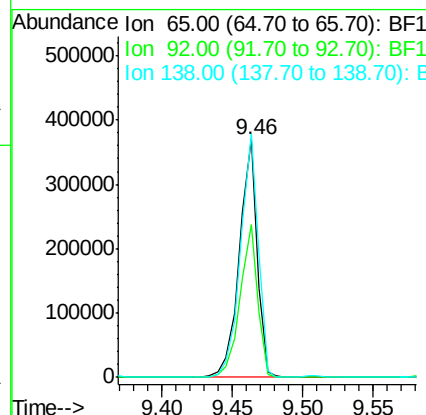
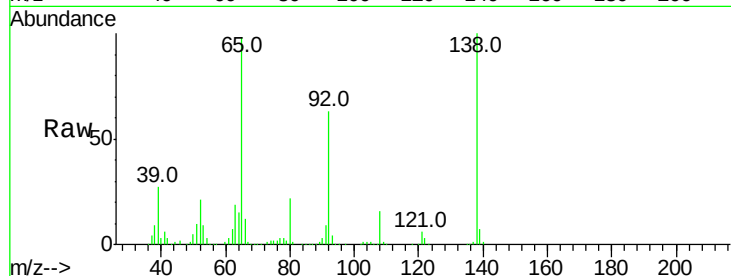
Tot Ion: 65 Resp: 324519

Ion Ratio Lower Upper

65 100

92 64.1 55.8 83.6

138 102.3 91.2 136.8



#48

Acenaphthylene

Concen: 37.449 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

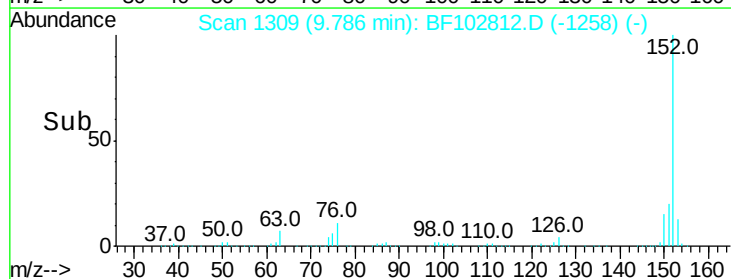
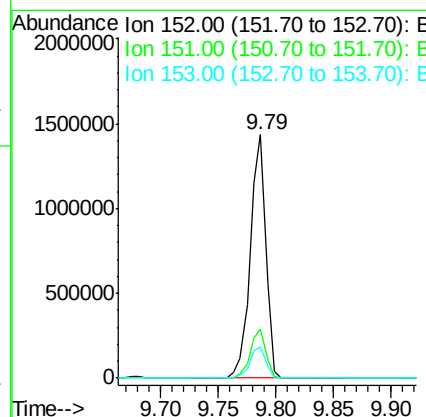
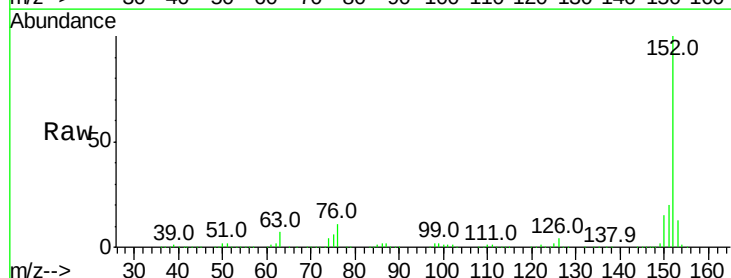
Tgt Ion: 152 Resp: 1331730

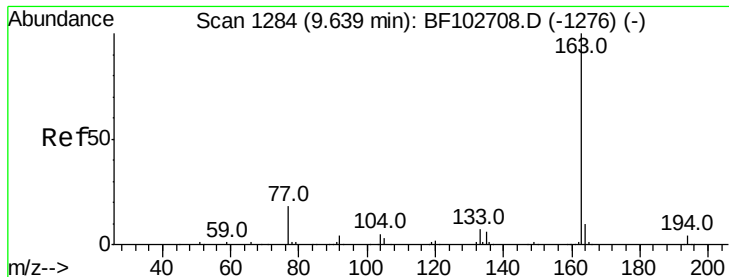
Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.0 10.7 16.1

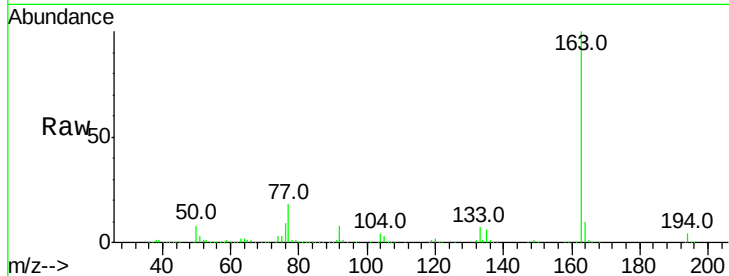




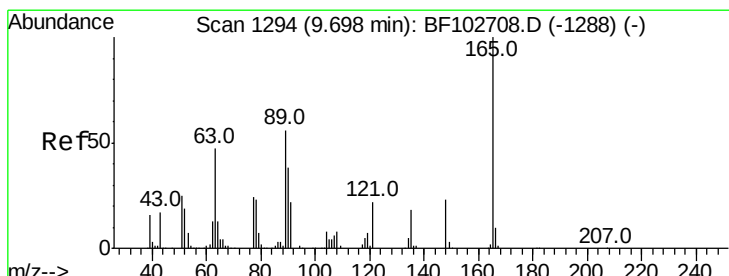
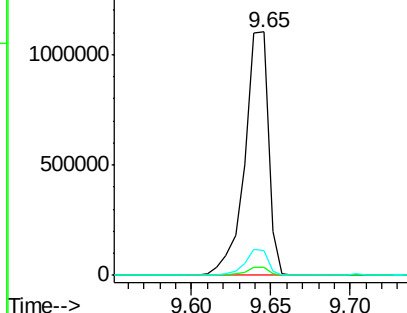
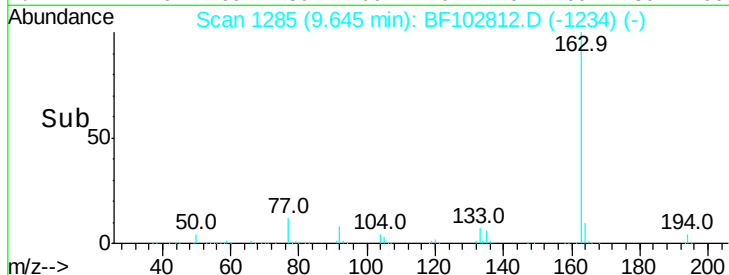
#49
Dimethylphthalate
Concen: 42.247 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1137427
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 8.2 12.2

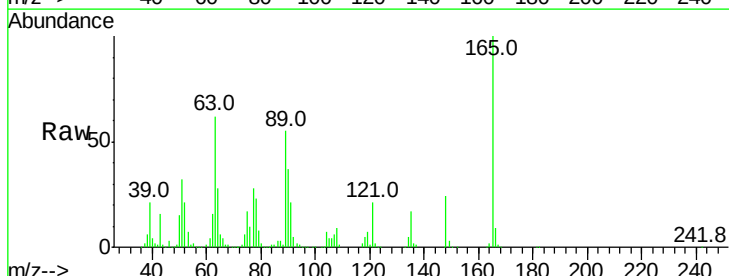


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

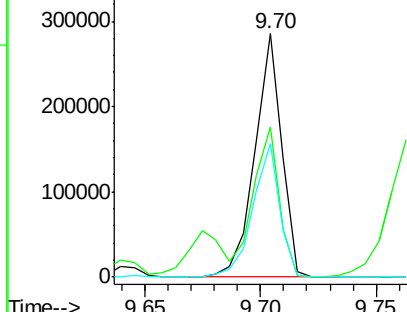
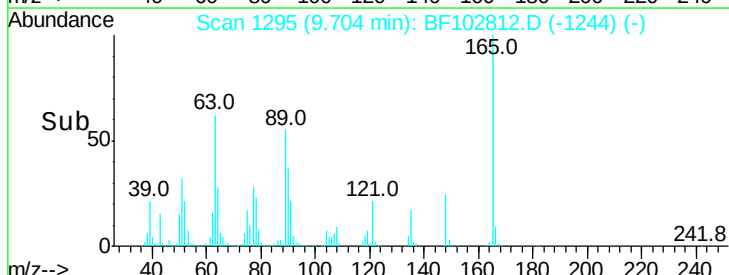


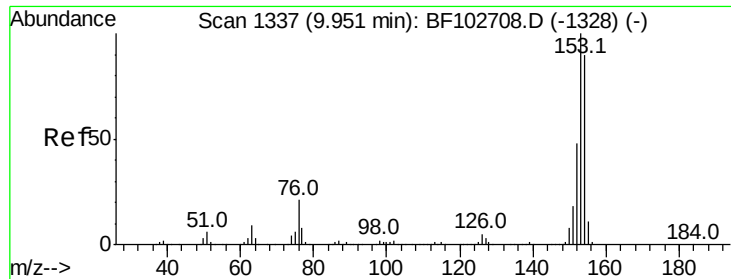
#50
2,6-Dinitrotoluene
Concen: 45.486 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion:165 Resp: 232989
Ion Ratio Lower Upper
165 100
63 61.5 44.7 67.1
89 55.0 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: 36.790 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

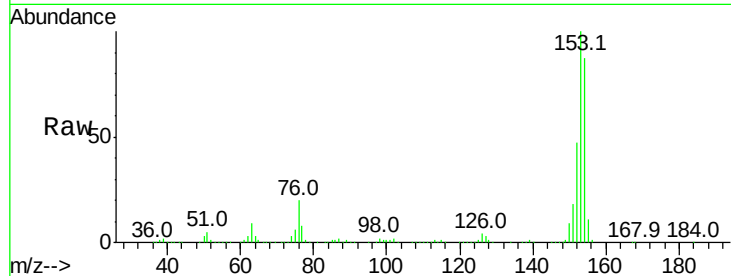
Tot Ion:154 Resp: 782418

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

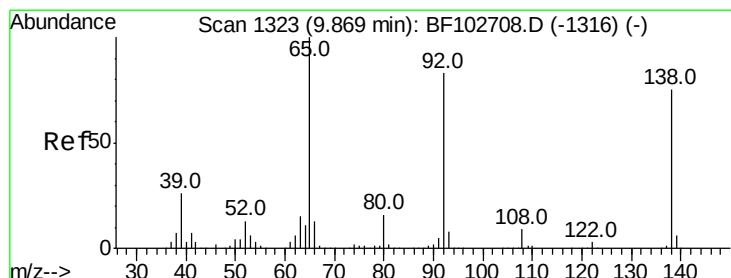
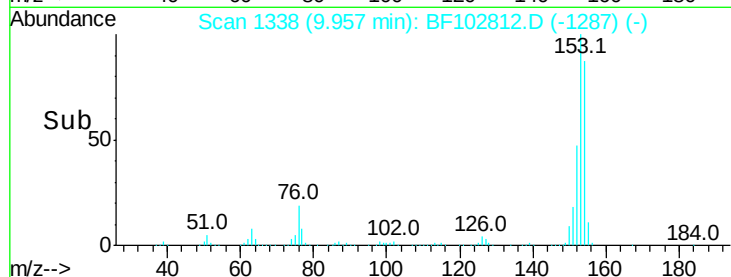
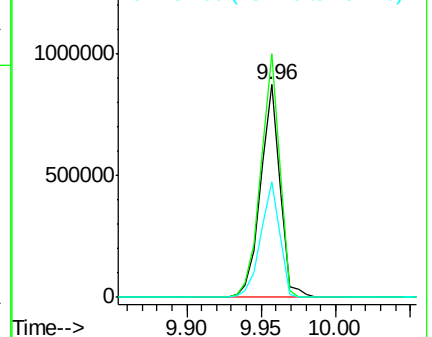
152 54.2 43.8 65.8



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: 33.260 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

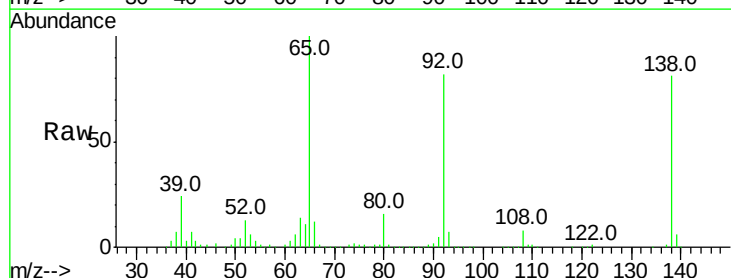
Tgt Ion:138 Resp: 209624

Ion Ratio Lower Upper

138 100

108 9.3 9.4 14.0#

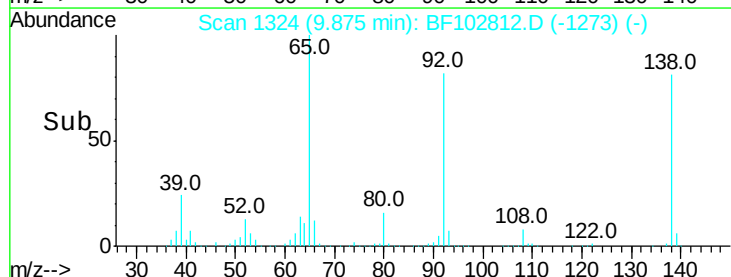
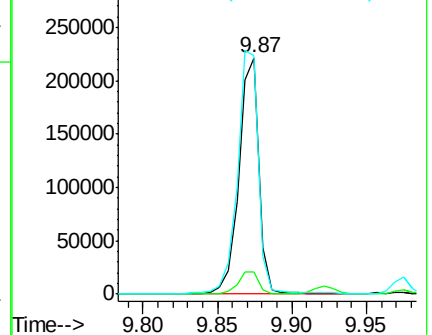
92 101.1 89.4 134.2

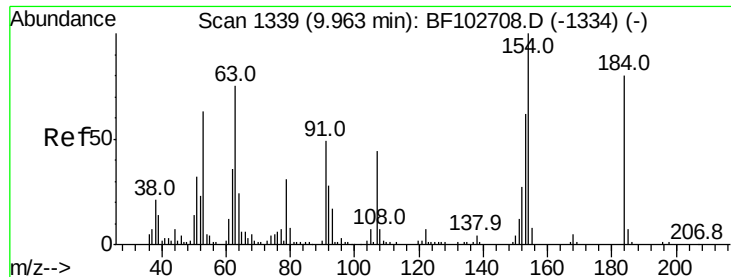


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

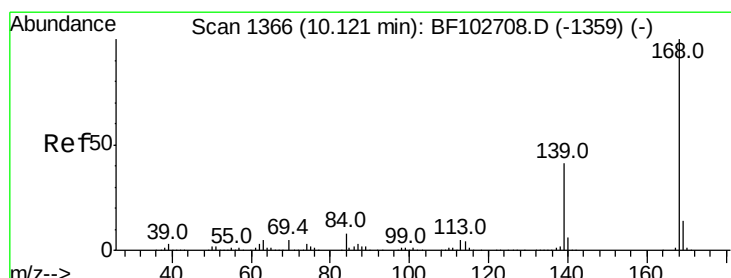
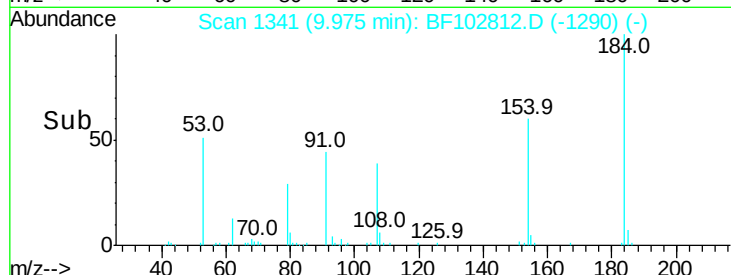
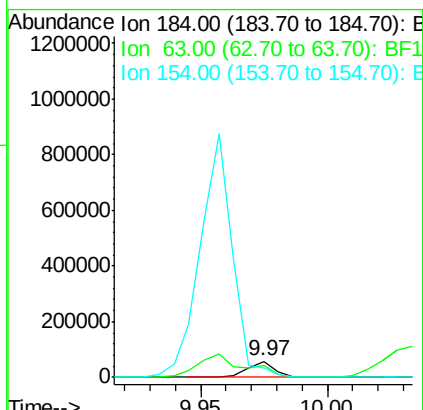
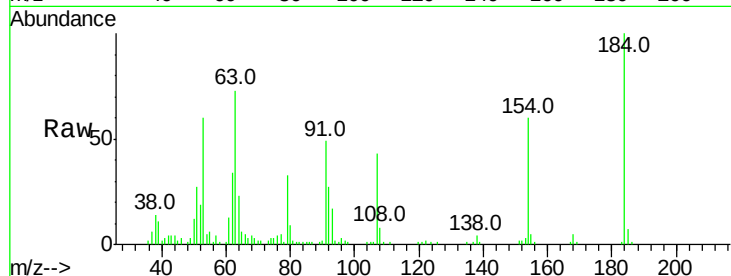




#53
 2,4-Dinitrophenol
 Concen: 40.832 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

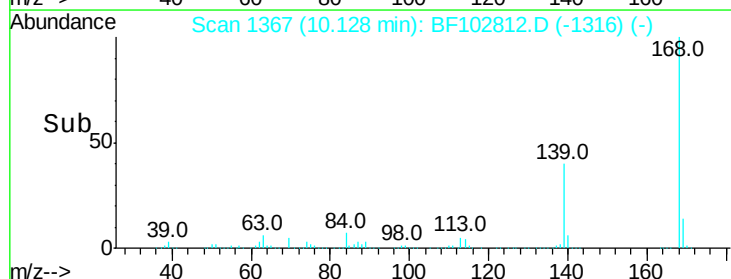
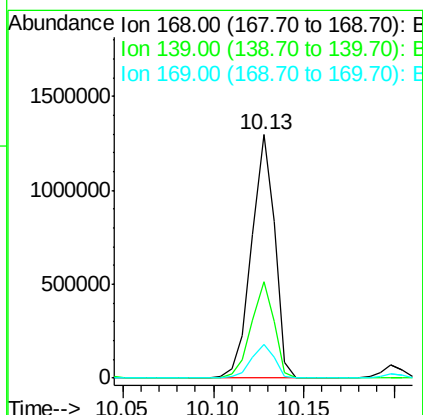
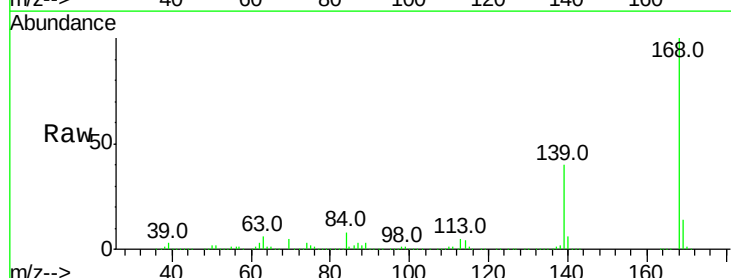
Instrument :
 BNA_F
 ClientSampled :

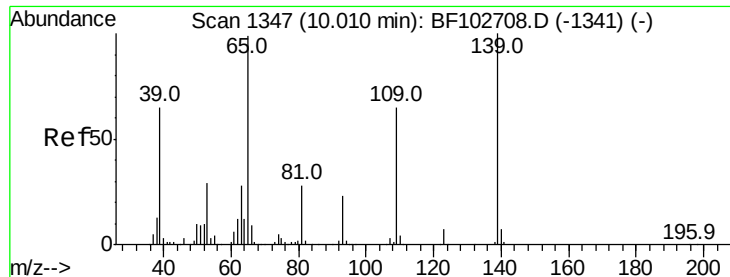
Tot Ion:184 Resp: 44360
 Ion Ratio Lower Upper
 184 100
 63 72.7 54.2 81.2
 154 60.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.584 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion:168 Resp: 1156393
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.1 45.1
 169 13.6 10.9 16.3

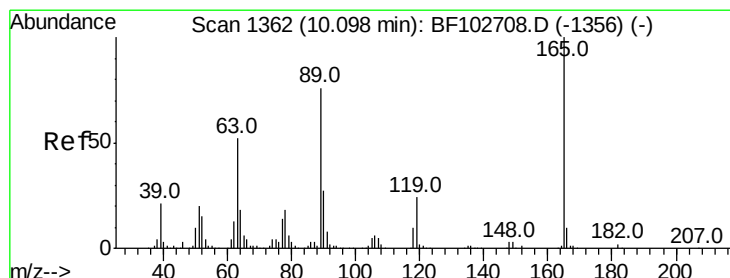
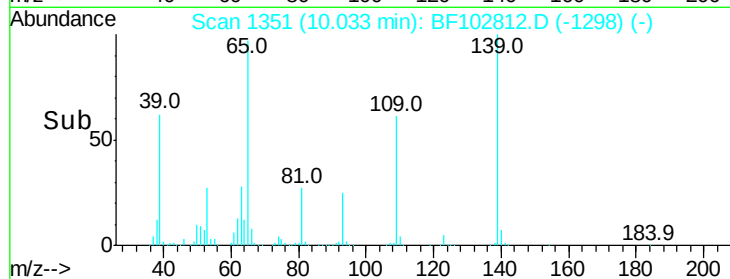
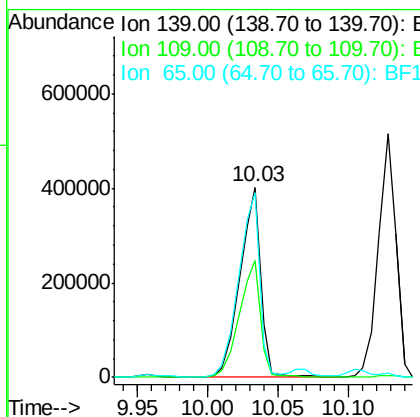
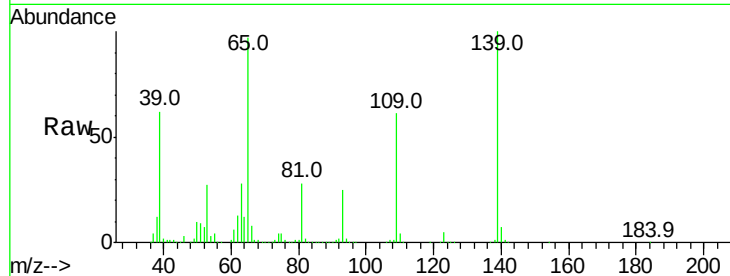




#55
4-Nitrophenol
Concen: 79.747 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

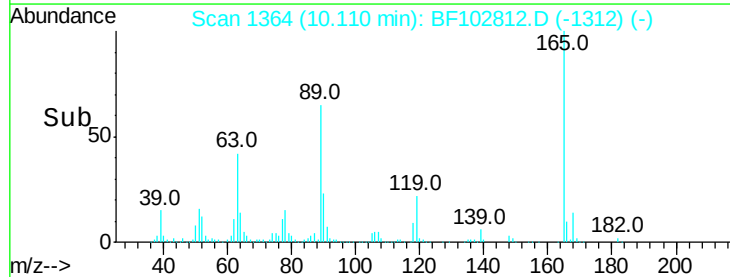
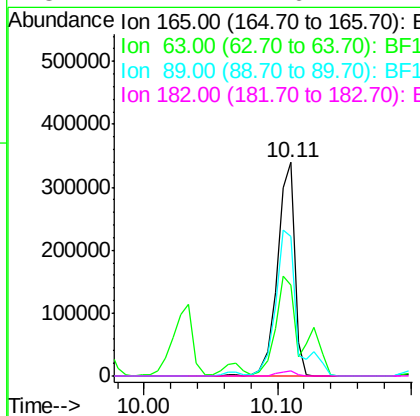
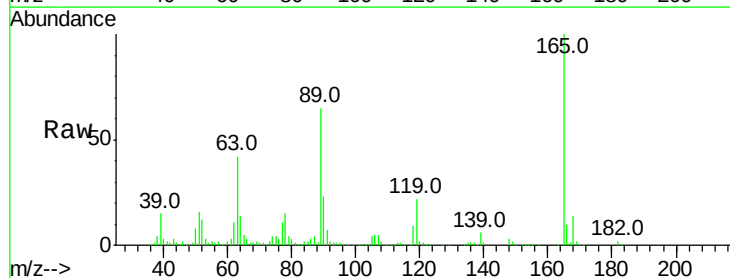
Instrument :
BNA_F
ClientSampleId :

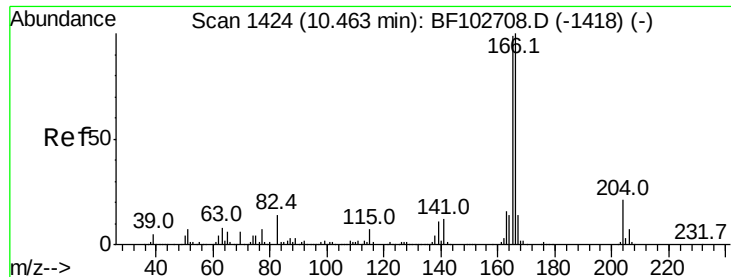
Tot Ion:139 Resp: 412969
Ion Ratio Lower Upper
139 100
109 61.2 48.4 88.4
65 97.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.527 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion:165 Resp: 311588
Ion Ratio Lower Upper
165 100
63 42.4 36.4 54.6
89 65.4 57.8 86.6
182 2.4 1.6 2.4

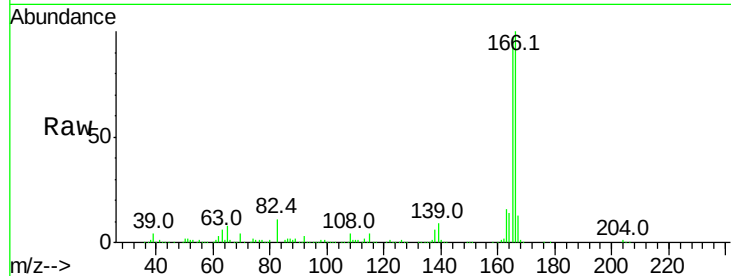




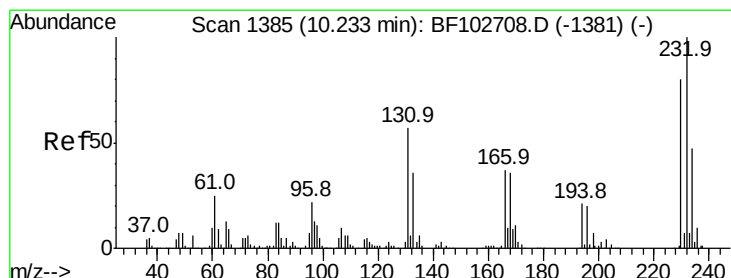
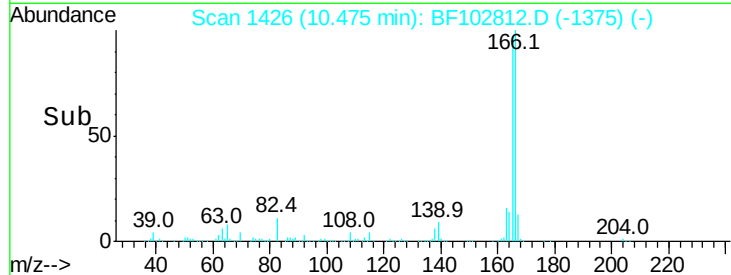
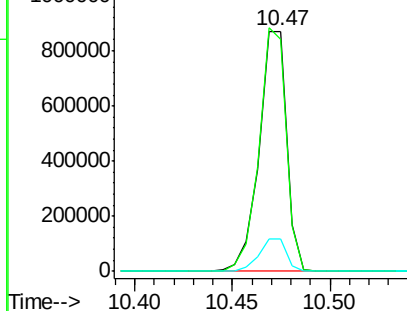
#57
 Fluorene
 Concen: 39.223 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 855302
 Ion Ratio Lower Upper
 166 100
 165 96.6 79.8 119.8
 167 13.3 10.6 16.0



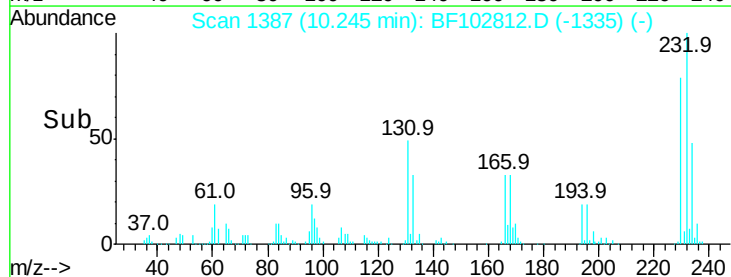
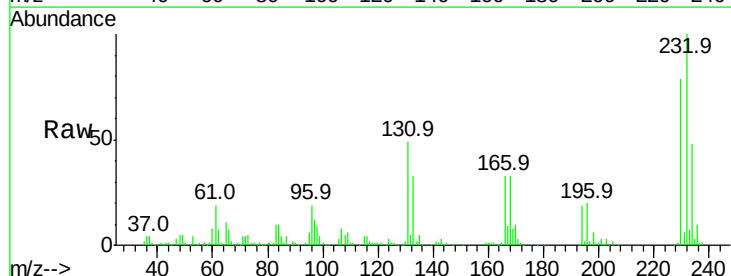
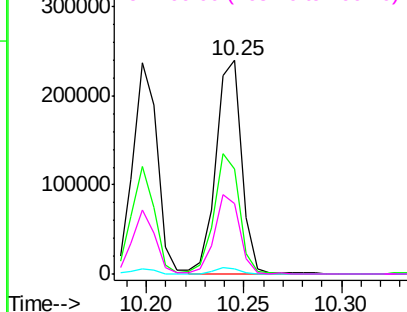
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

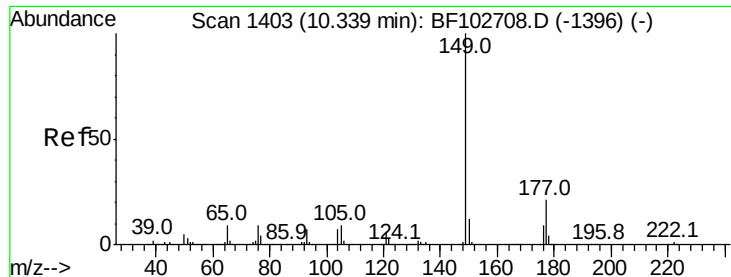


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.345 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion:232 Resp: 218744
 Ion Ratio Lower Upper
 232 100
 131 56.2 43.8 65.8
 130 2.8 2.1 3.1
 166 36.9 27.8 41.6

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

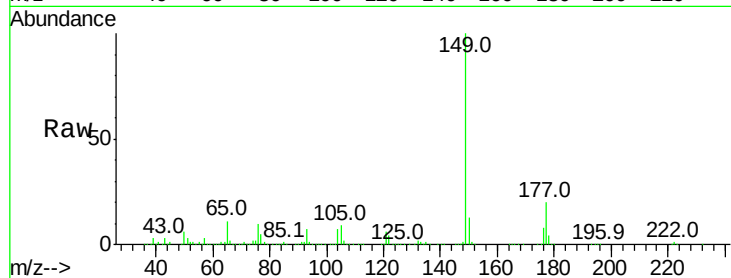




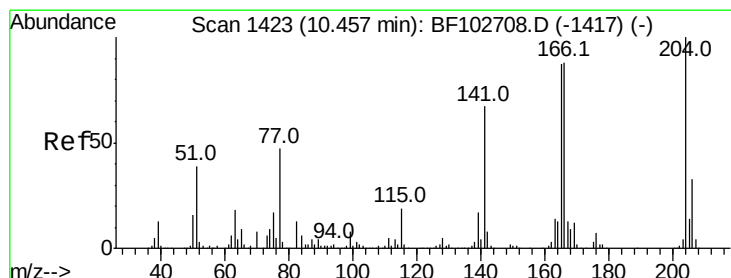
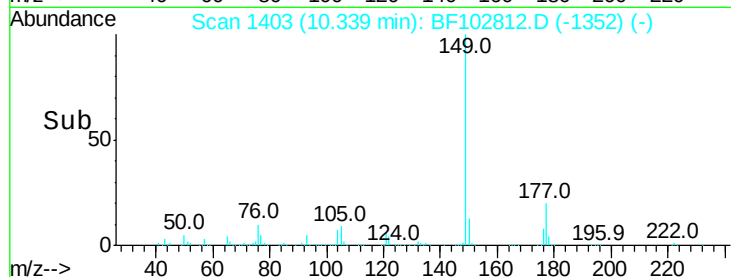
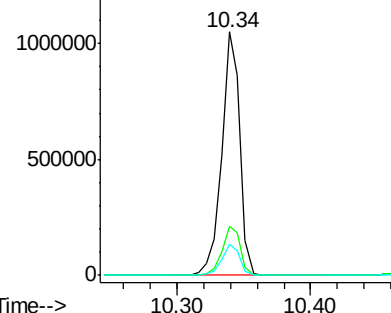
#59
Diethylphthalate
Concen: 37.443 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.1	24.1
150	12.6	10.1	15.1

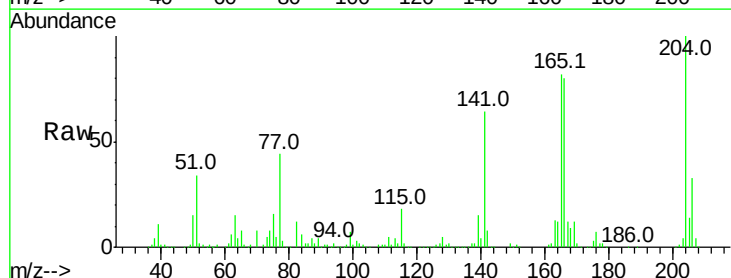


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

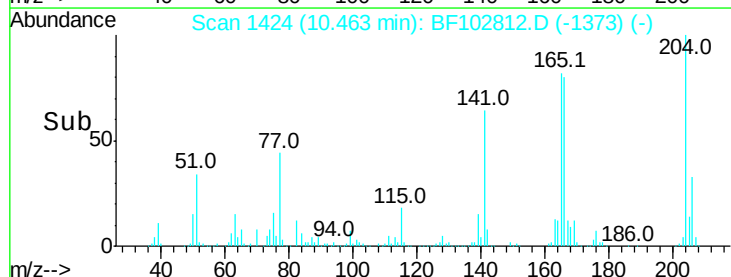
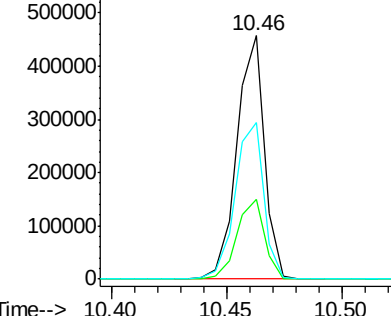


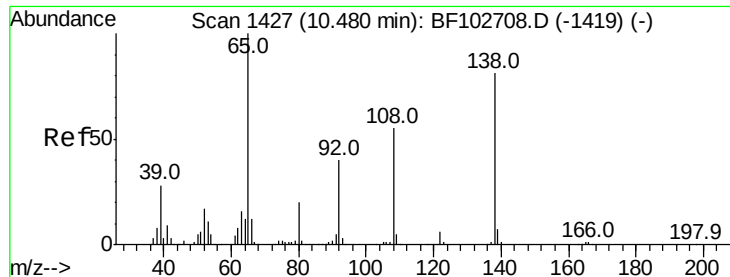
#60
4-Chlorophenyl-phenylether
Concen: 39.497 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	64.5	54.6	81.8



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

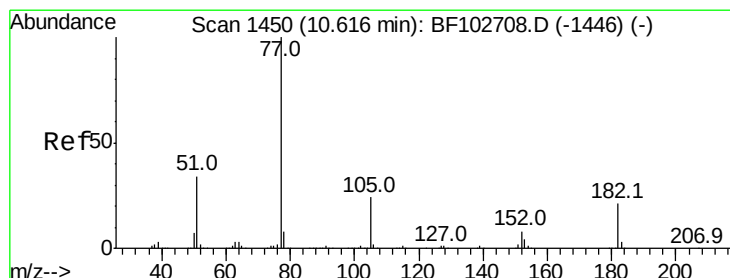
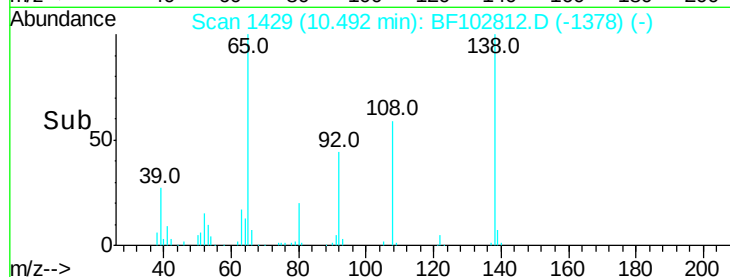
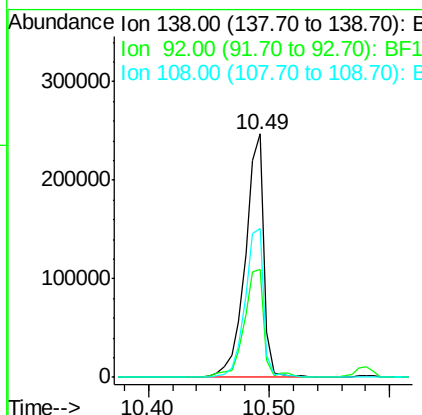
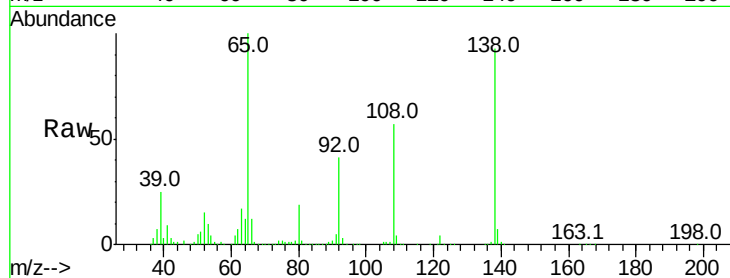




#61
4-Nitroaniline
Concen: 44.187 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

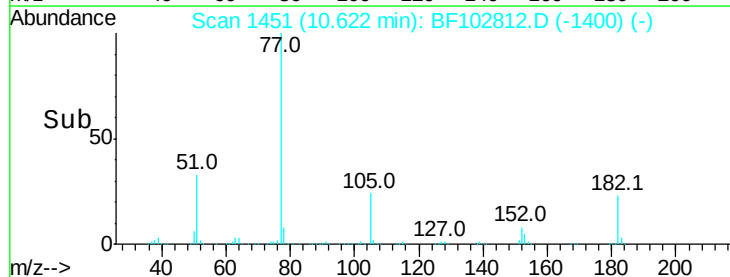
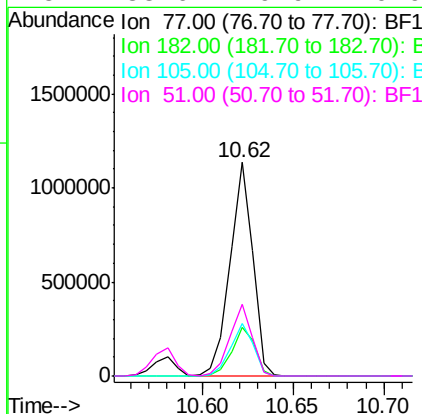
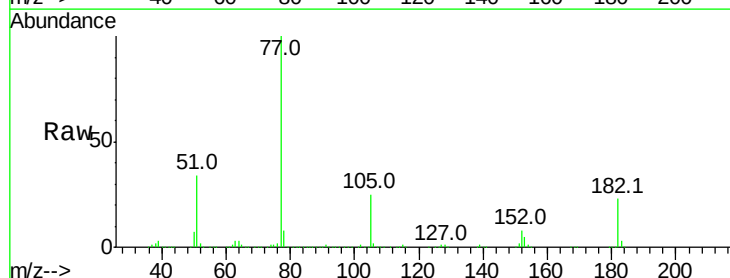
Instrument :
BNA_F
ClientSampleId :

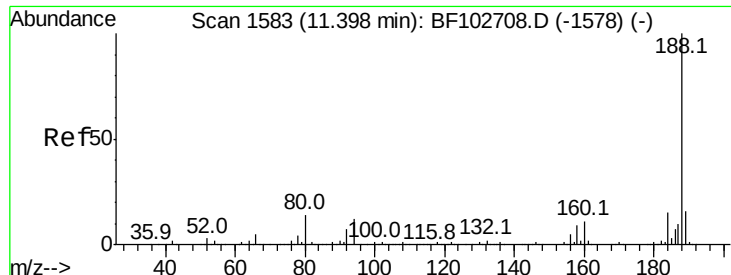
Tot Ion:138 Resp: 265081
Ion Ratio Lower Upper
138 100
92 44.1 30.2 70.2
108 61.0 52.5 92.5



#62
Azobenzene
Concen: 37.354 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion: 77 Resp: 992031
Ion Ratio Lower Upper
77 100
182 22.7 1.7 41.7
105 24.6 3.0 43.0
51 33.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

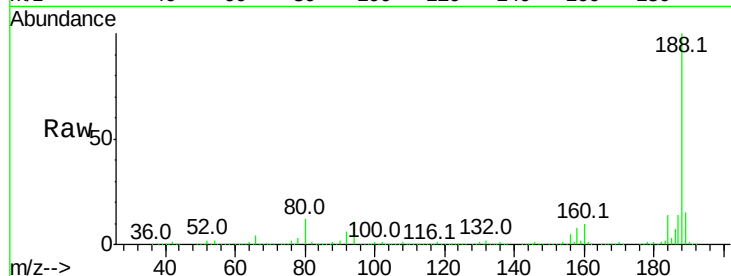
Tot Ion:188 Resp: 605634

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

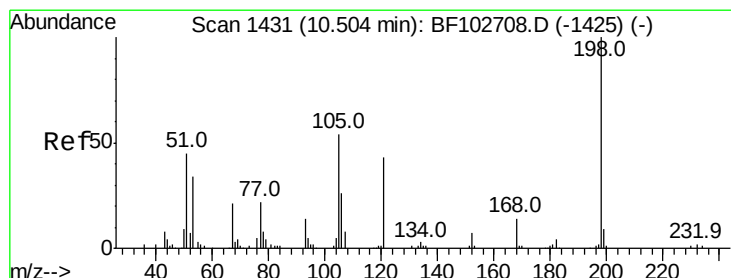
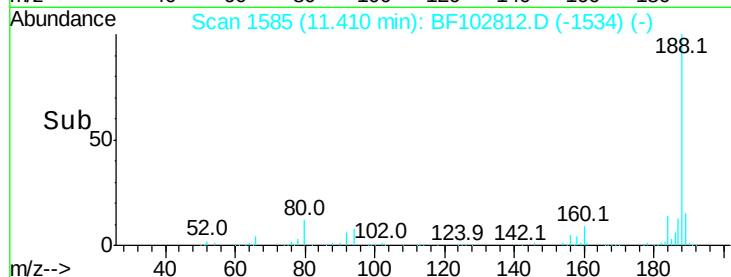
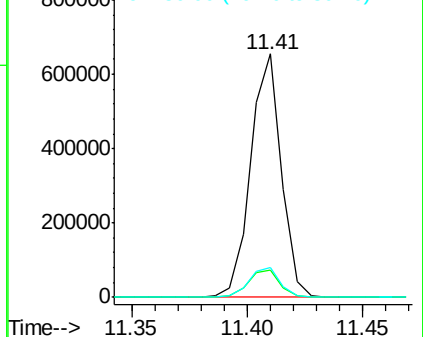
80 12.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 46.626 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

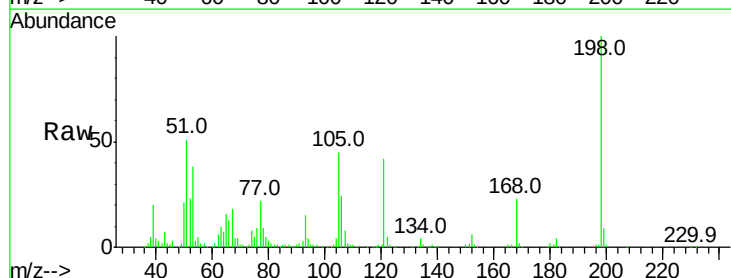
Tgt Ion:198 Resp: 116242

Ion Ratio Lower Upper

198 100

51 50.6 37.7 77.7

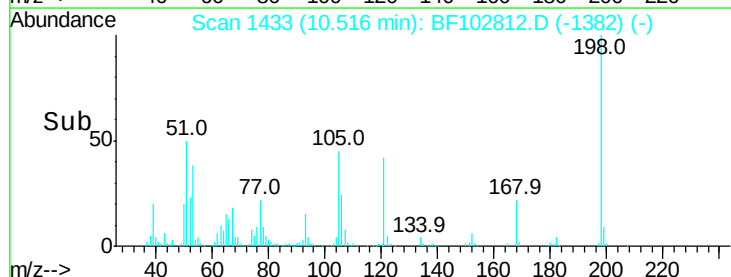
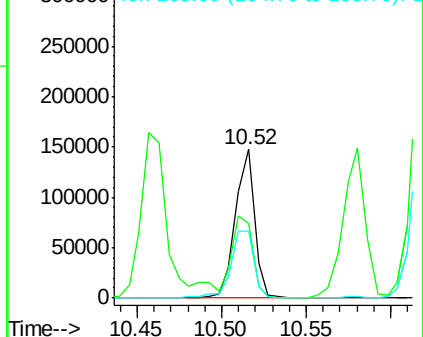
105 45.1 36.3 76.3

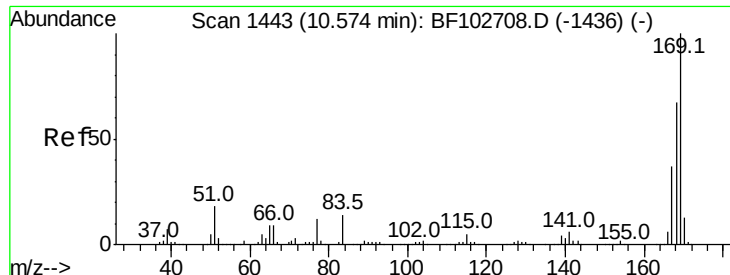


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

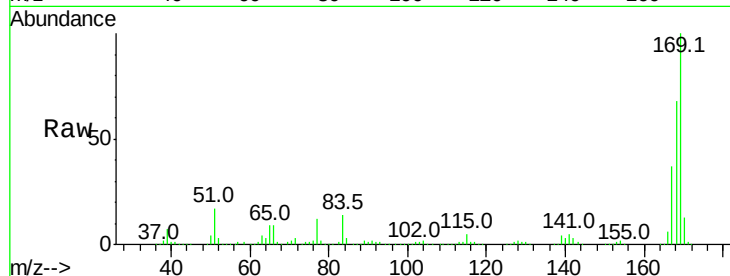




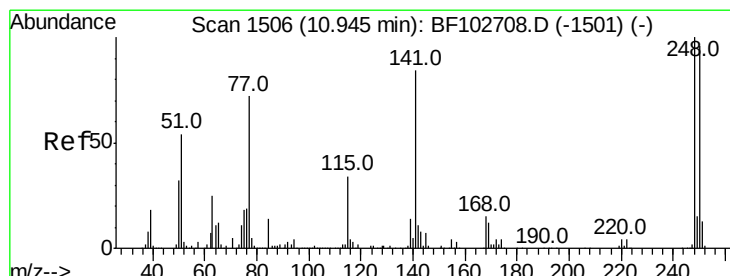
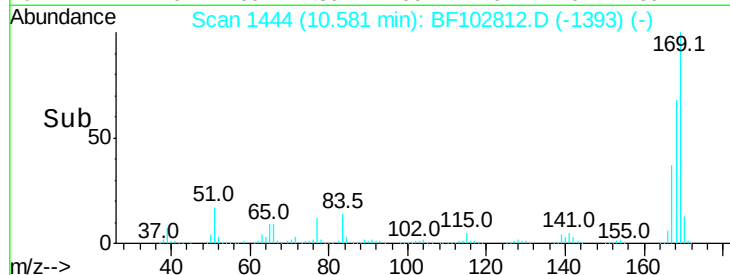
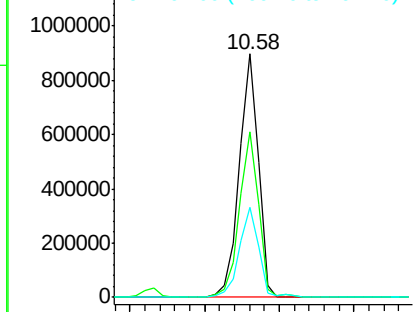
#65
 n-Nitrosodiphenylamine
 Concen: 37.580 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 802804
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.4 81.6
 167 37.0 29.8 44.6

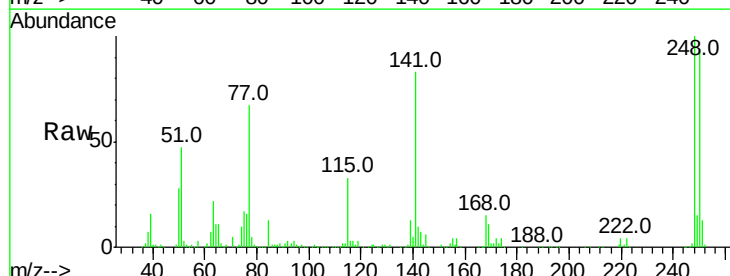


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

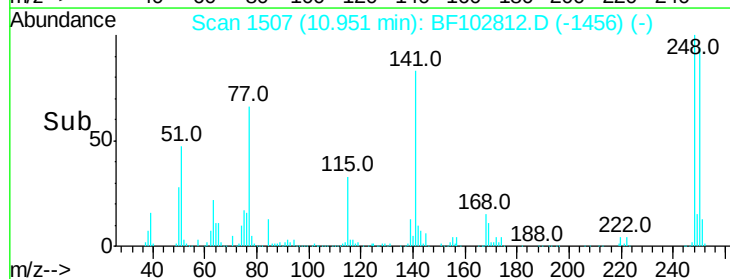
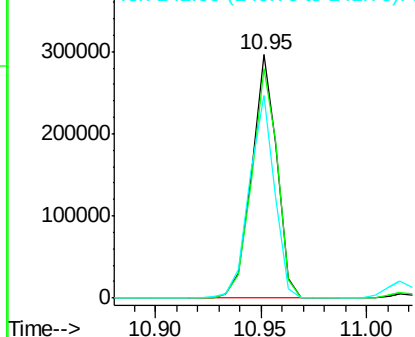


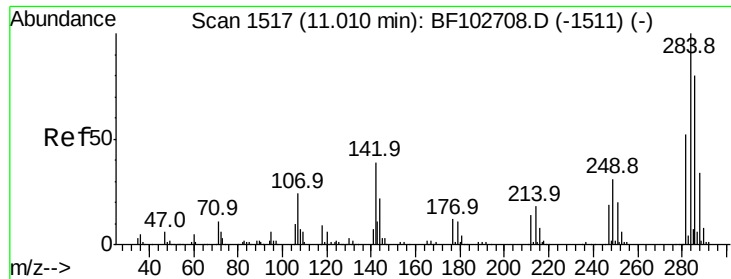
#66
 4-Bromophenyl-phenylether
 Concen: 38.346 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion:248 Resp: 245665
 Ion Ratio Lower Upper
 248 100
 250 94.5 76.9 115.3
 141 83.4 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

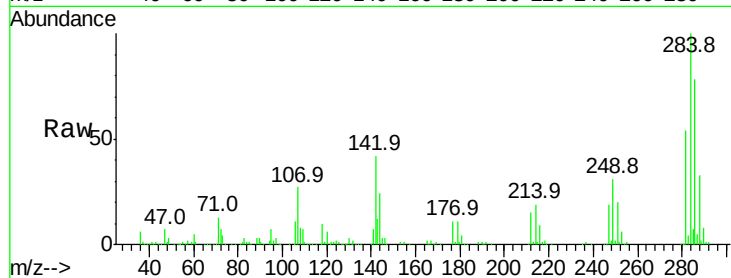




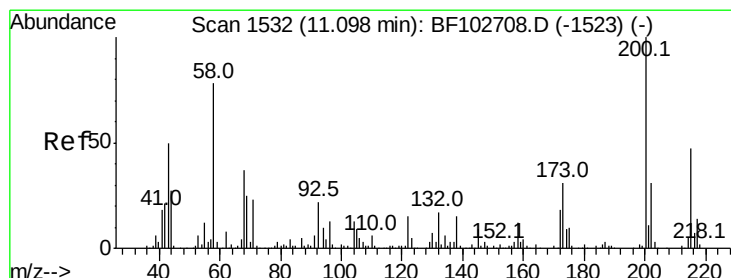
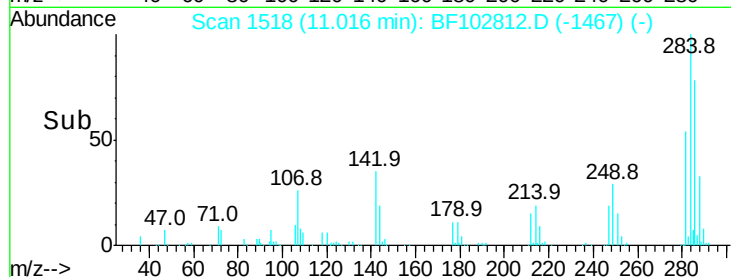
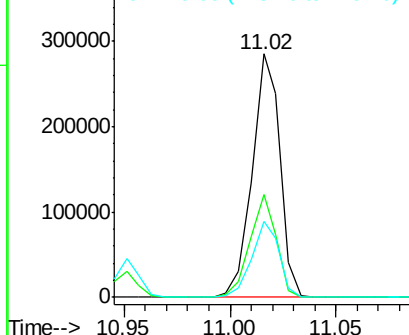
#67
Hexachlorobenzene
Concen: 36.894 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 260749
Ion Ratio Lower Upper
284 100
142 42.4 34.6 52.0
249 31.2 24.8 37.2

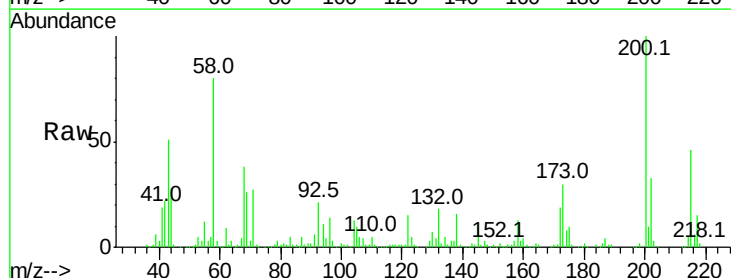


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

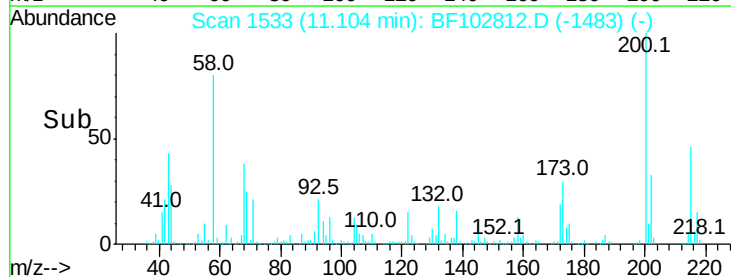
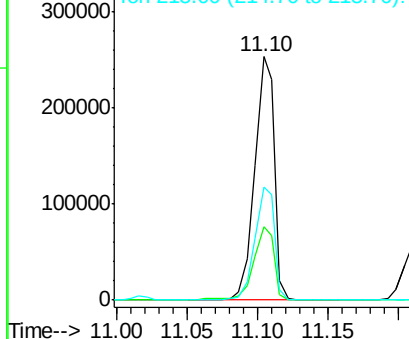


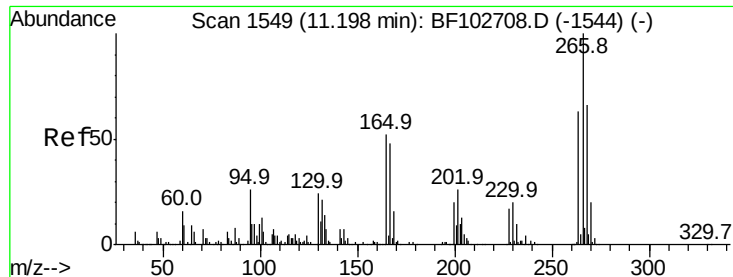
#68
Atrazine
Concen: 39.392 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion:200 Resp: 248255
Ion Ratio Lower Upper
200 100
173 30.1 8.6 48.6
215 46.4 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: 66.794 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

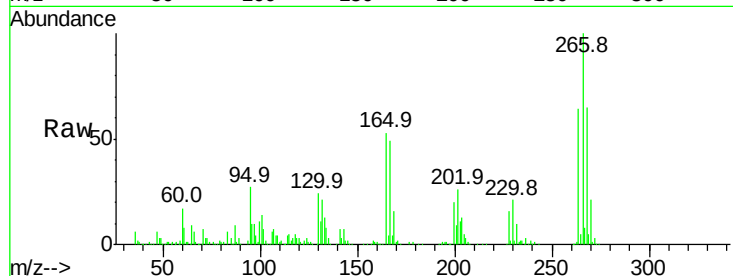
Tot Ion:266 Resp: 277114

Ion Ratio Lower Upper

266 100

268 65.1 51.1 76.7

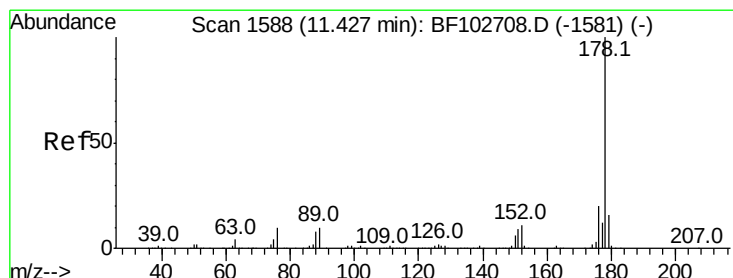
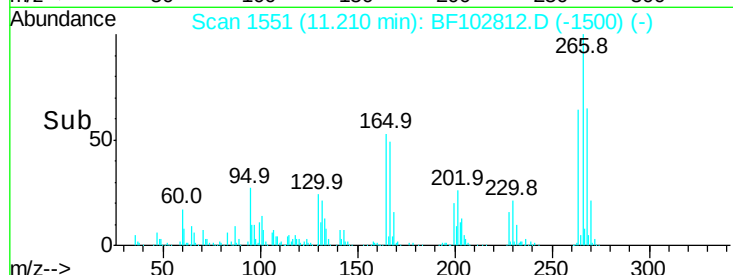
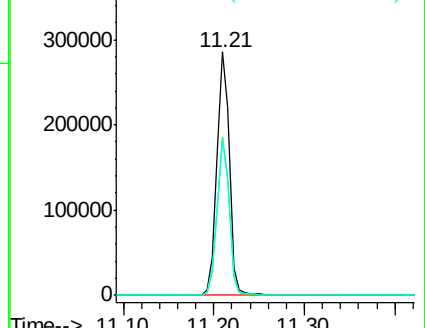
264 63.8 49.5 74.3



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: 36.834 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

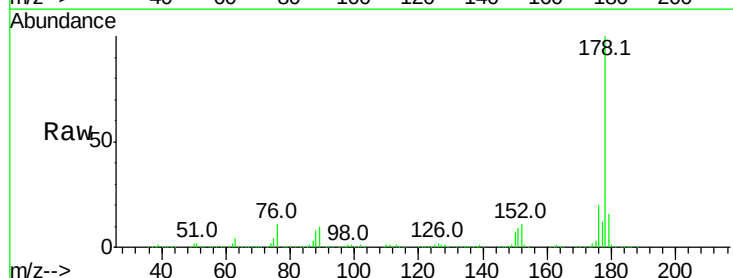
Tgt Ion:178 Resp: 1242421

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

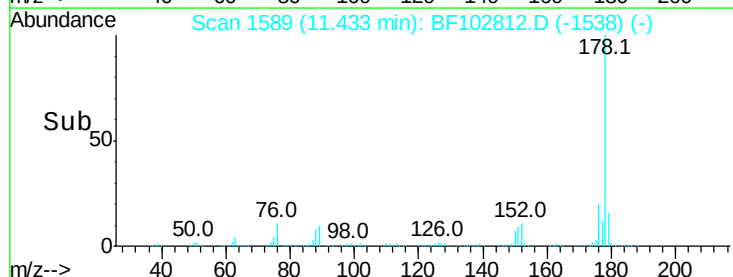
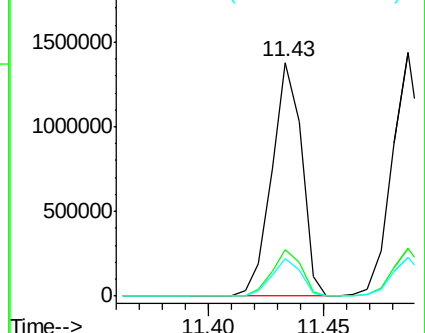
179 15.8 13.0 19.6

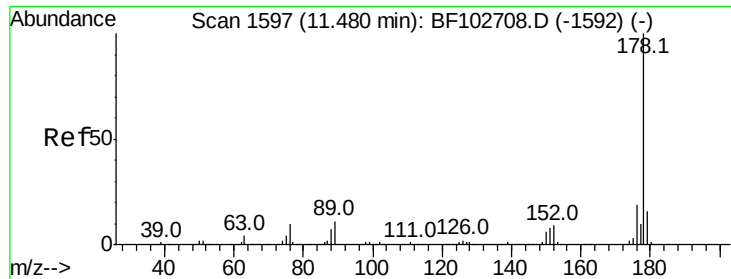


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

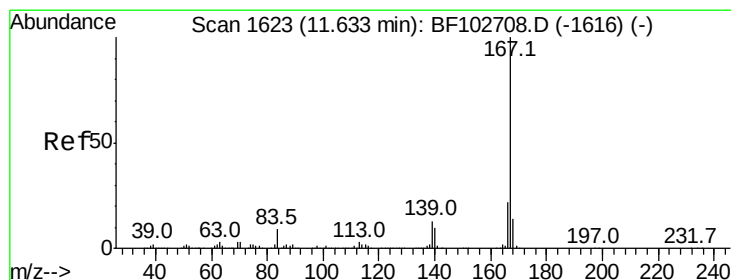
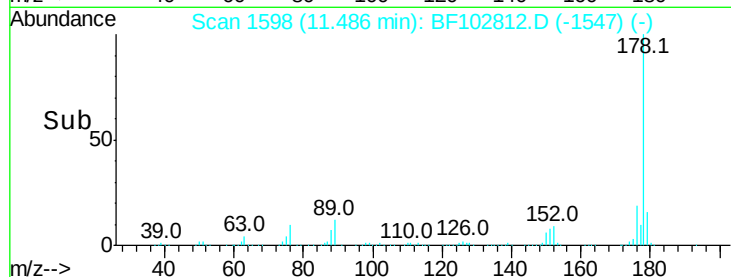
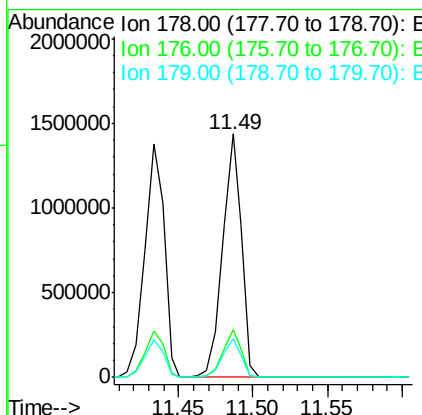
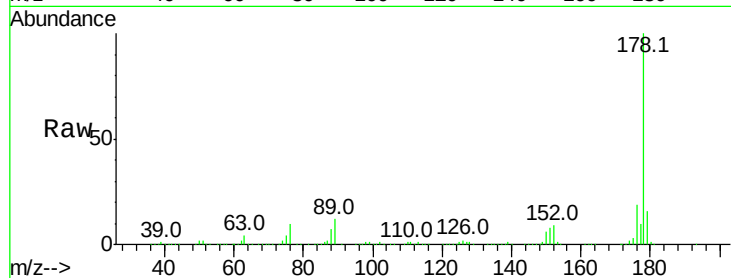




#71
 Anthracene
 Concen: 37.406 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

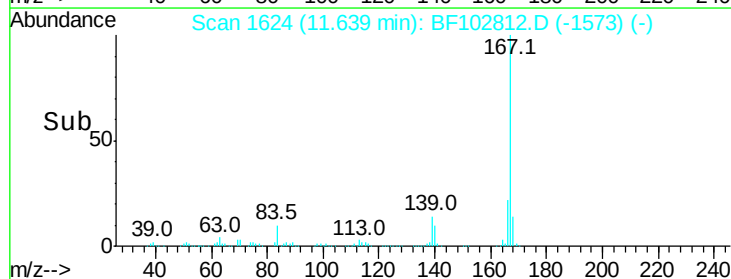
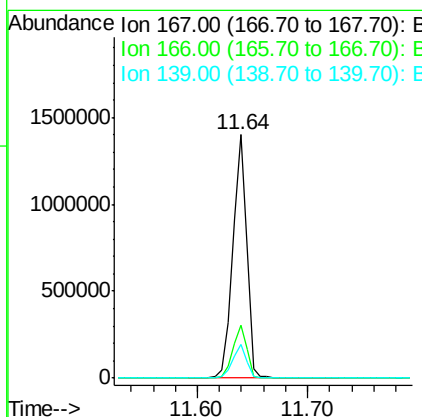
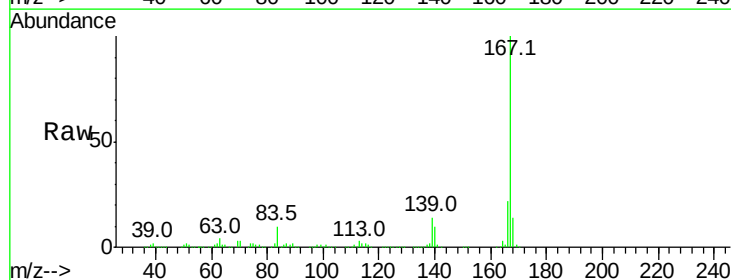
Instrument :
 BNA_F
 ClientSampleId :

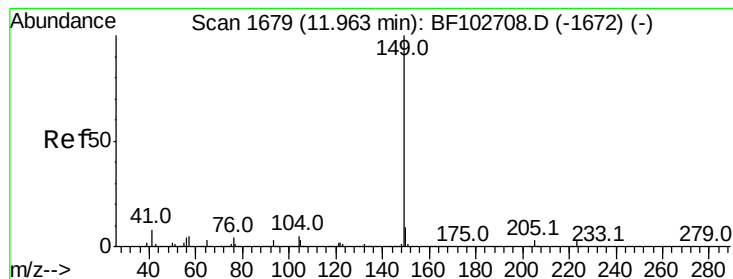
Tot Ion:178 Resp: 1283252
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 37.007 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion:167 Resp: 1243804
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.195 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

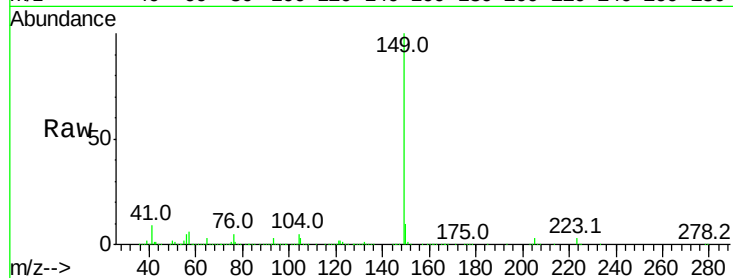
Tot Ion:149 Resp: 1518536

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

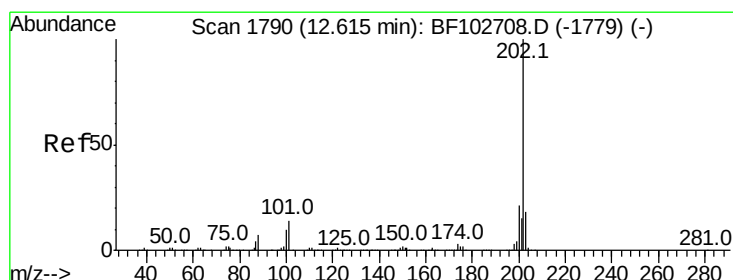
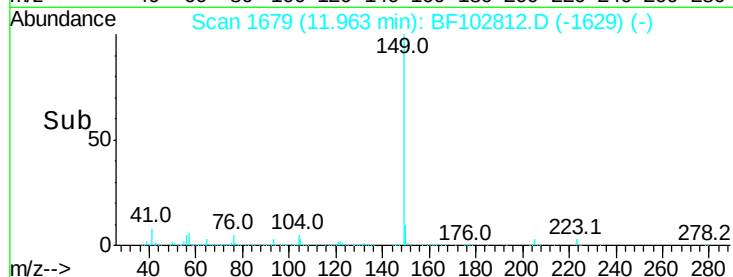
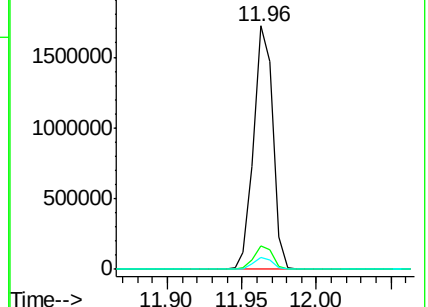
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.004 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

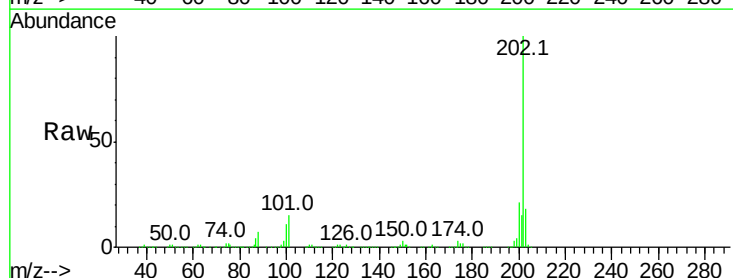
Tgt Ion:202 Resp: 1255761

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

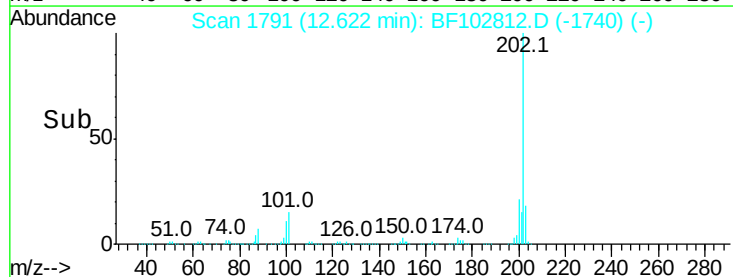
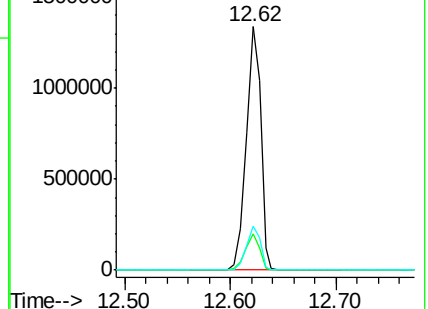
203 17.9 0.0 38.1

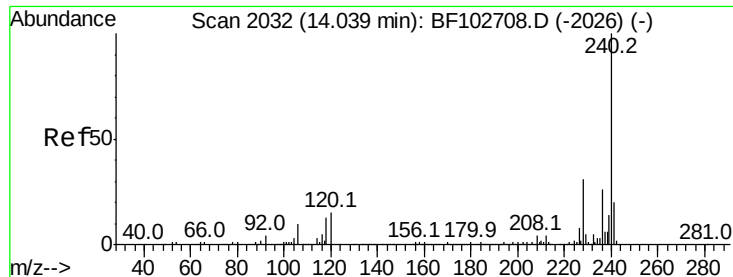


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

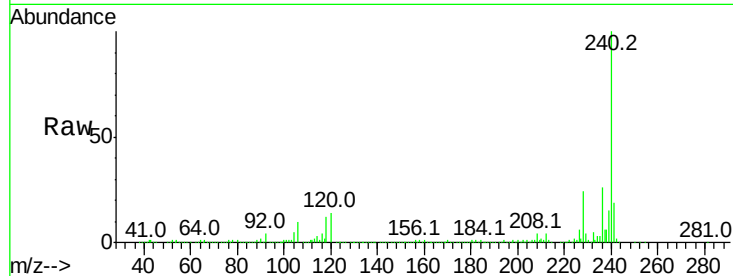
Tot Ion:240 Resp: 407873

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

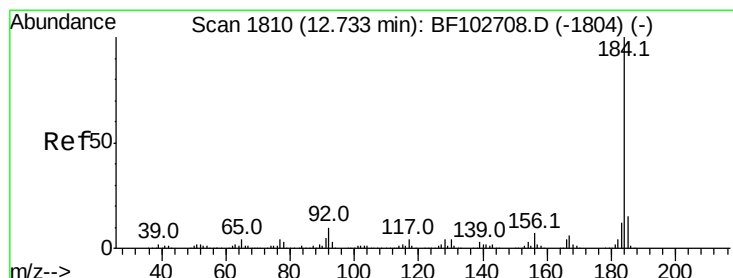
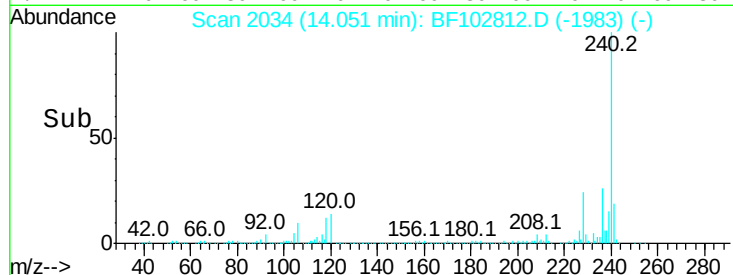
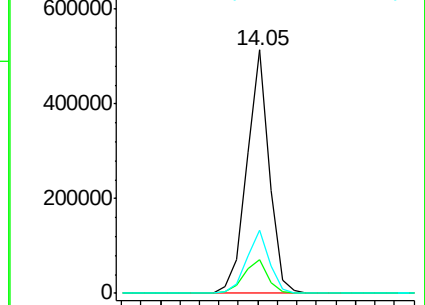
236 26.1 20.7 31.1



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: 12.524 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

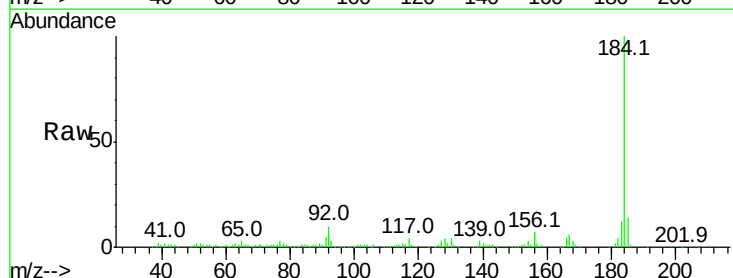
Tgt Ion:184 Resp: 234768

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

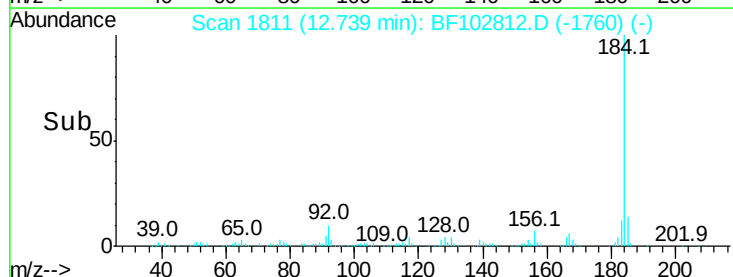
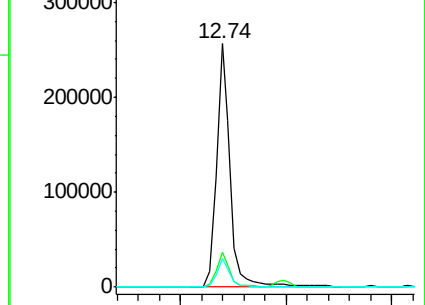
183 11.5 9.3 13.9

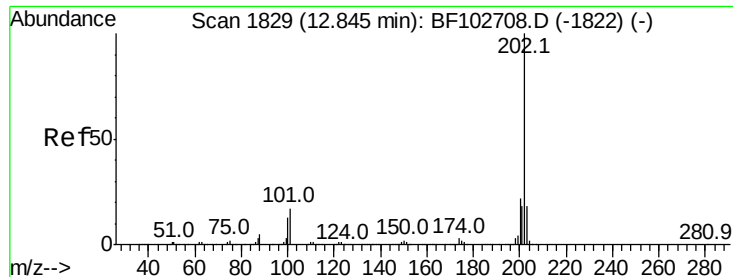


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.483 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

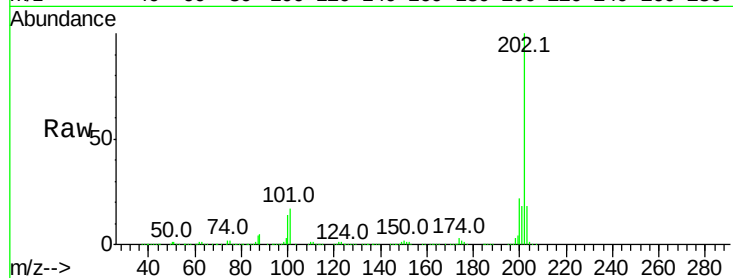
Tot Ion:202 Resp: 1262794

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

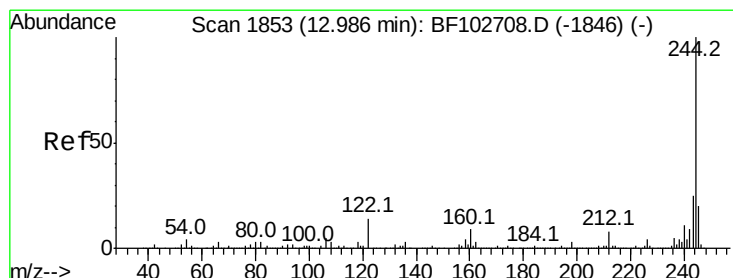
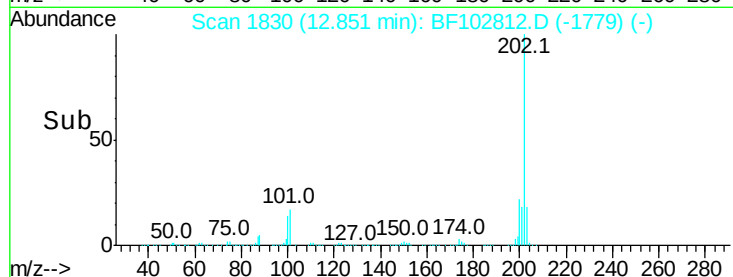
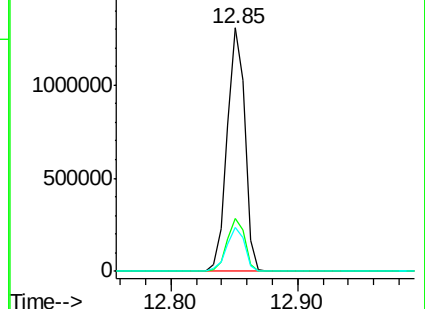
203 18.1 14.3 21.5



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: 85.209 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

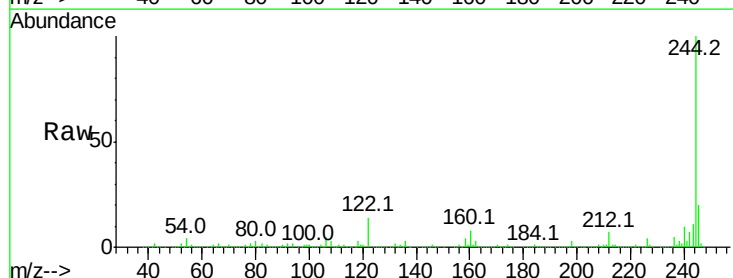
Tgt Ion:244 Resp: 1467813

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

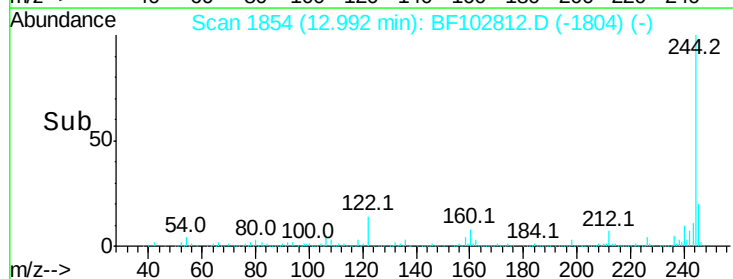
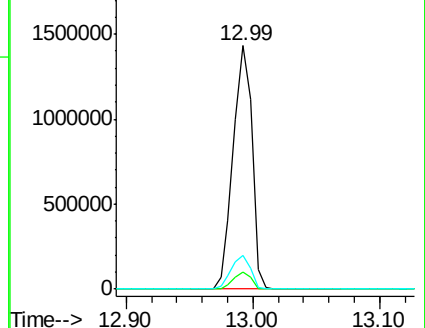
122 14.1 11.0 16.4

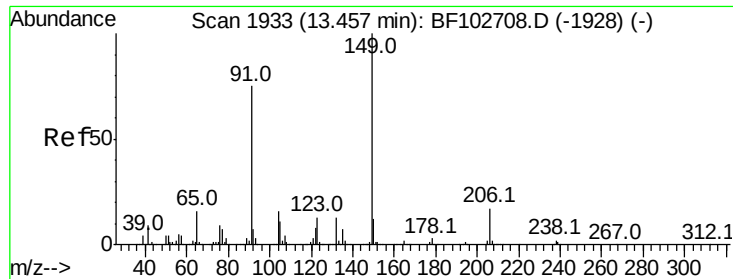


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

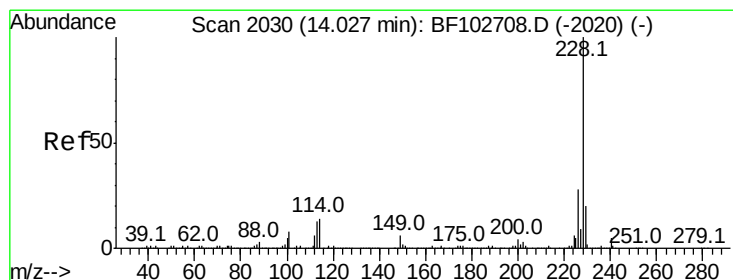
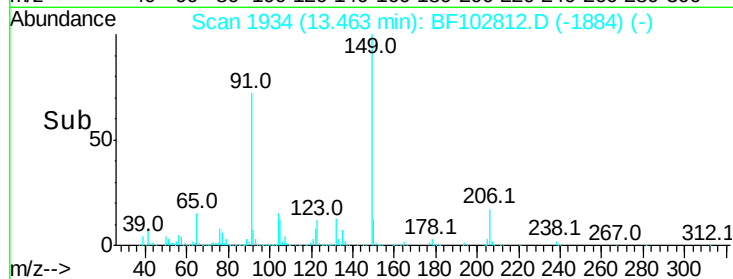
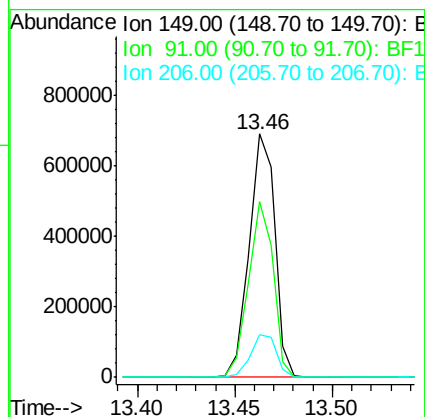
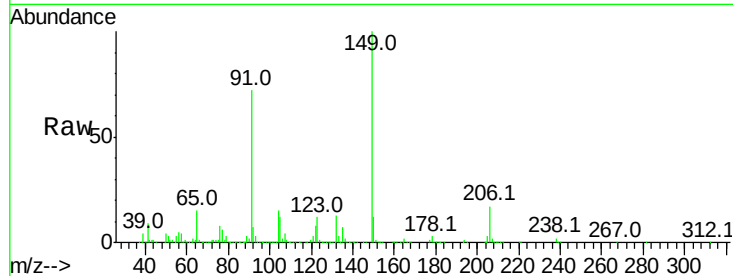




#79
Butylbenzylphthalate
Concen: 41.431 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

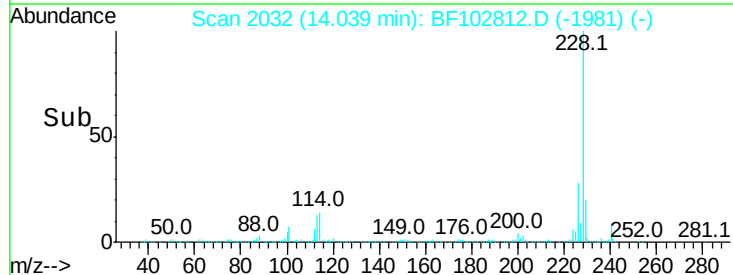
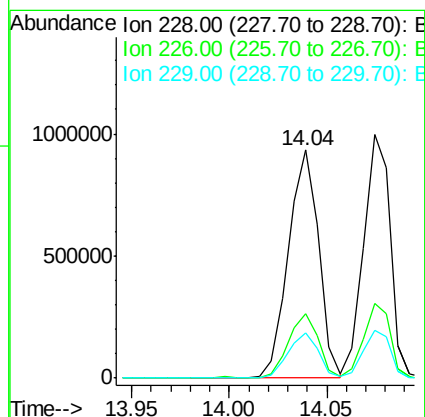
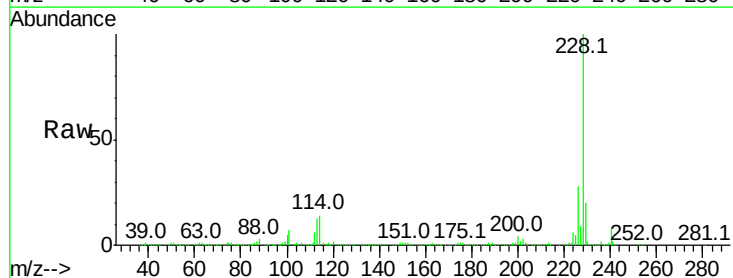
Instrument :
BNA_F
ClientSampleId :

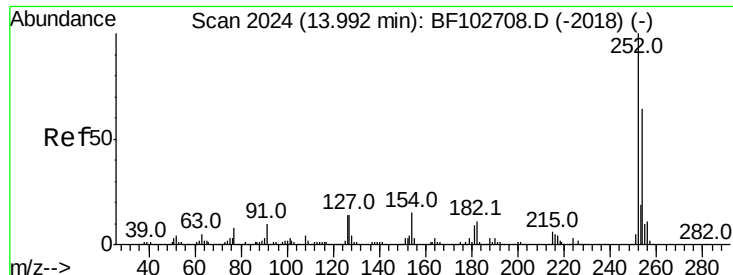
Tot Ion:149 Resp: 631663
Ion Ratio Lower Upper
149 100
91 72.3 56.8 85.2
206 17.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.992 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion:228 Resp: 1000203
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.9 15.8 23.6

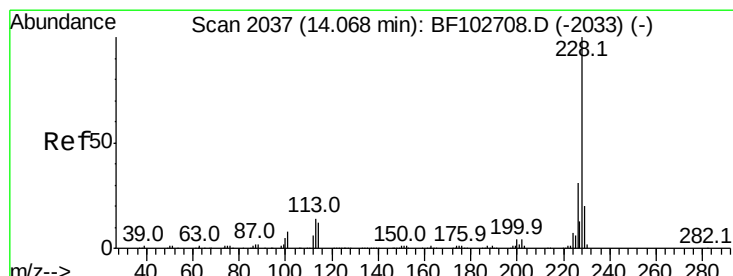
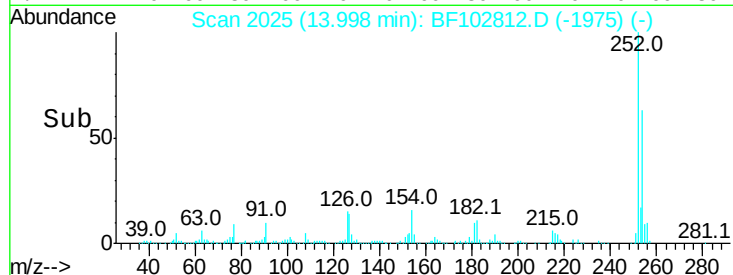
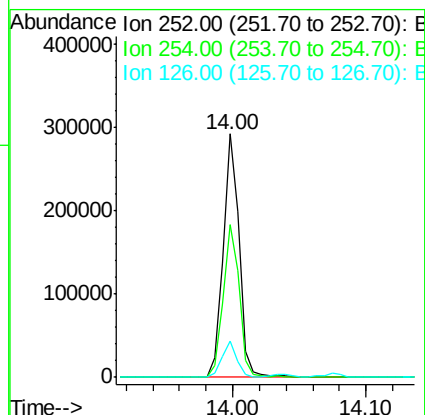
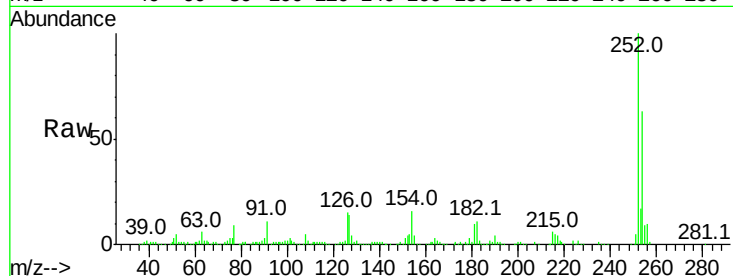




#81
 3,3'-Dichlorobenzidine
 Concen: 26.189 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

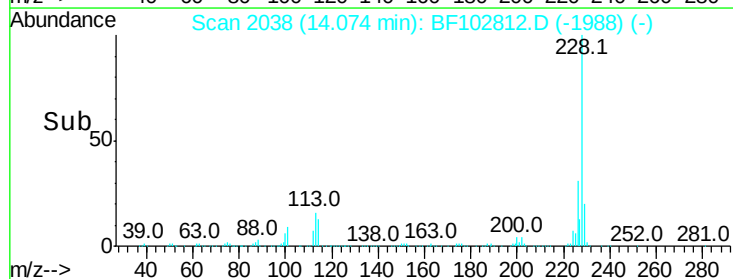
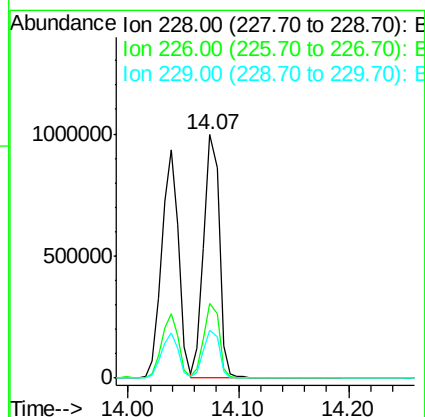
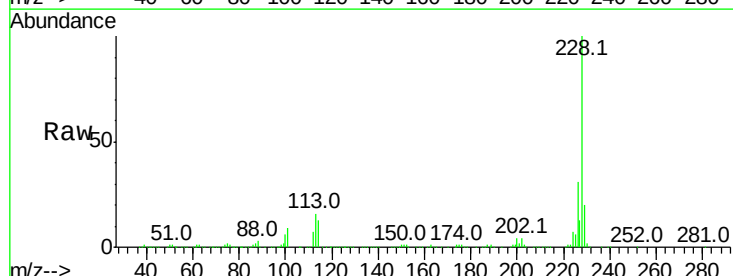
Instrument :
 BNA_F
 ClientSampleId :

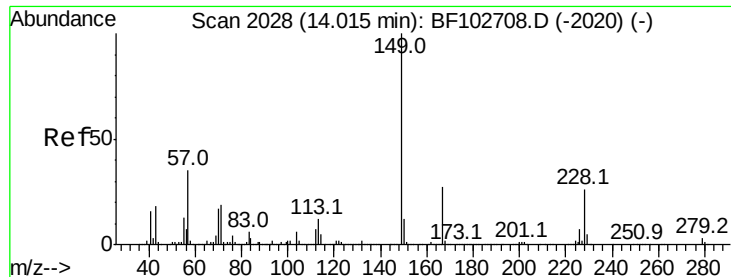
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.4	75.6
126	14.8	11.3	16.9



#82
 Chrysene
 Concen: 36.783 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.232 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

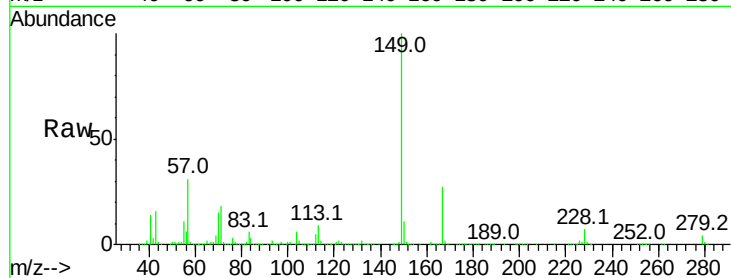
Tot Ion:149 Resp: 807842

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

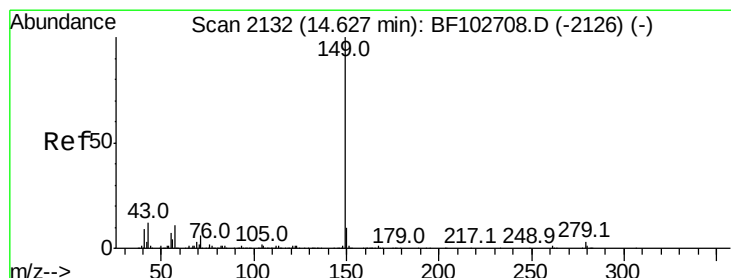
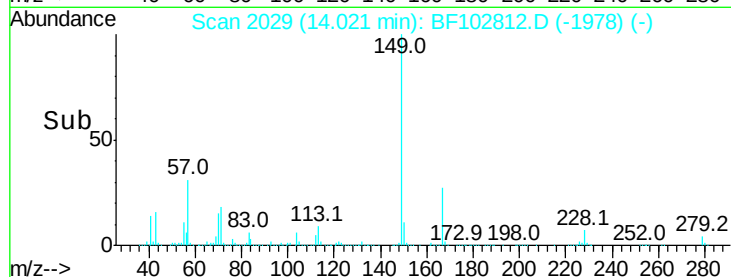
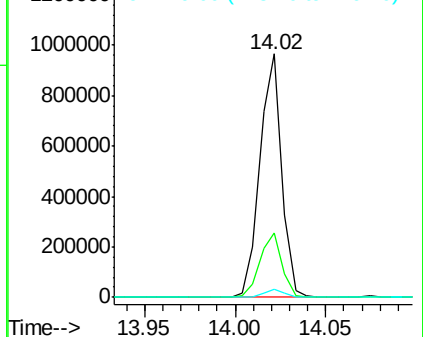
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.220 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

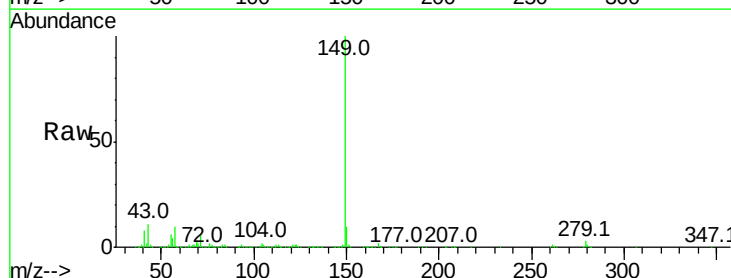
Tgt Ion:149 Resp: 1242069

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

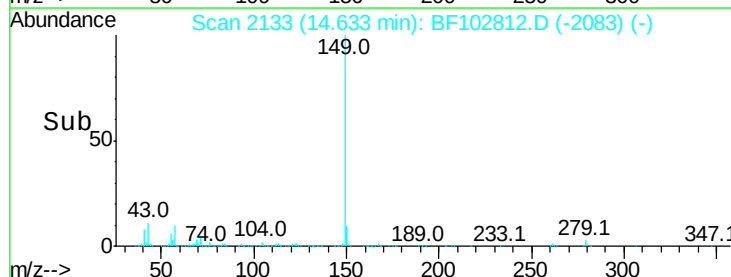
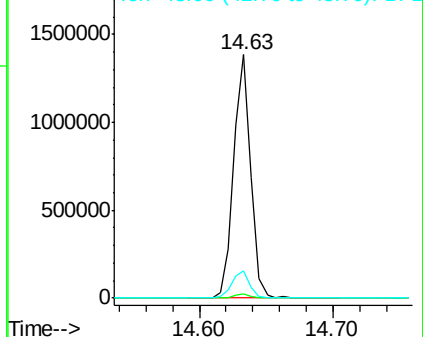
43 11.2 8.4 12.6

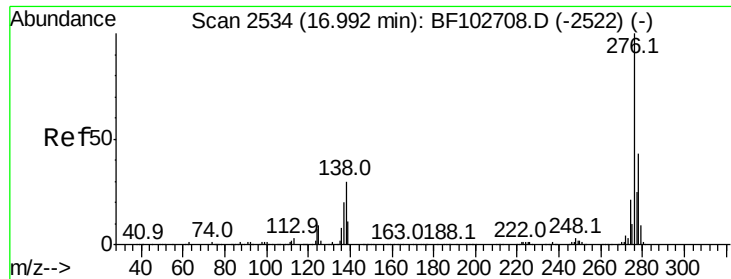


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.494 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

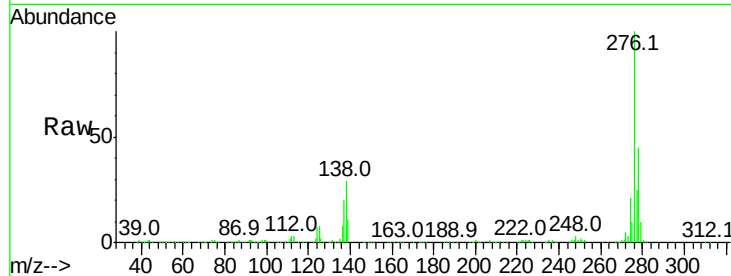
Tot Ion:276 Resp: 825535

Ion Ratio Lower Upper

276 100

138 32.4 25.0 37.6

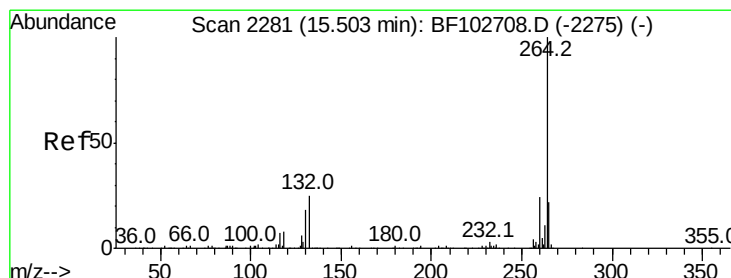
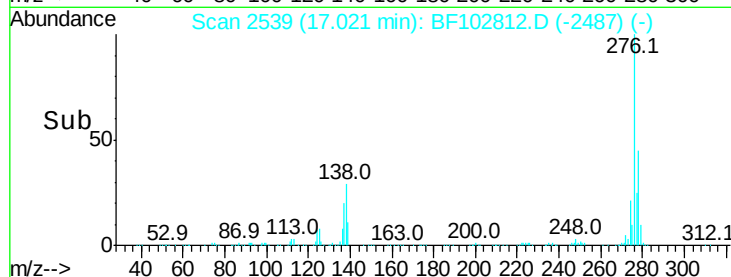
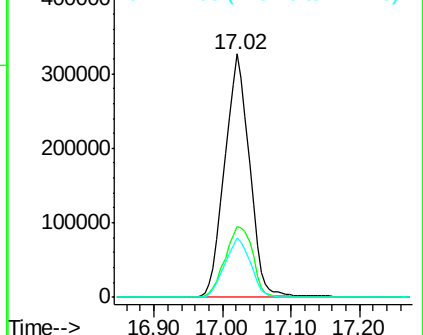
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

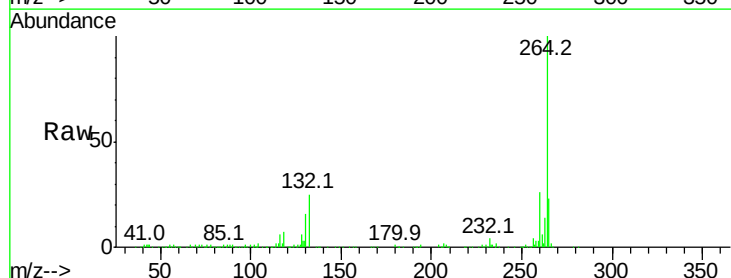
Tgt Ion:264 Resp: 326171

Ion Ratio Lower Upper

264 100

260 25.7 19.2 28.8

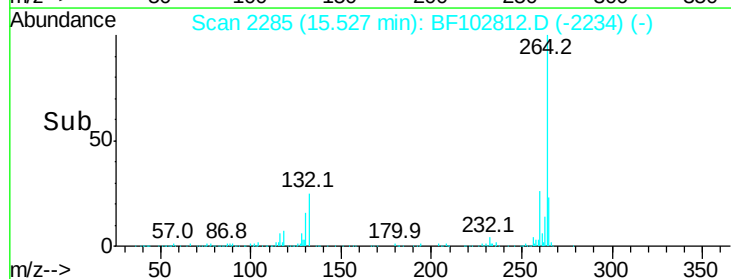
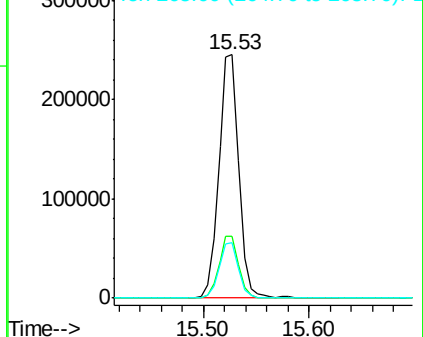
265 23.0 17.5 26.3

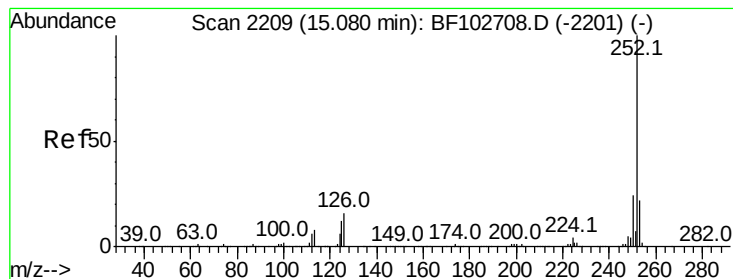


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.965 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

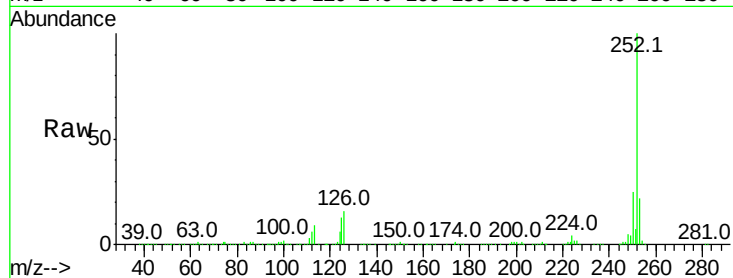
Tot Ion:252 Resp: 823993

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

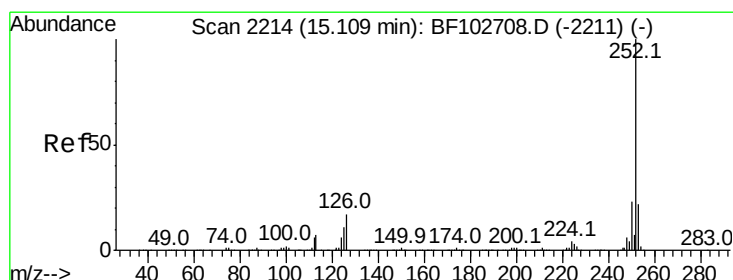
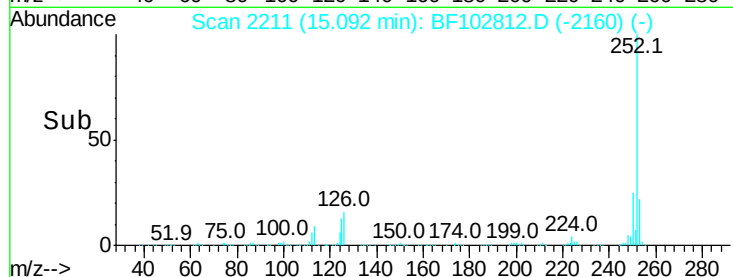
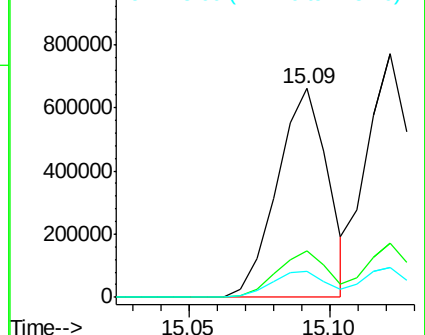
125 12.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.964 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

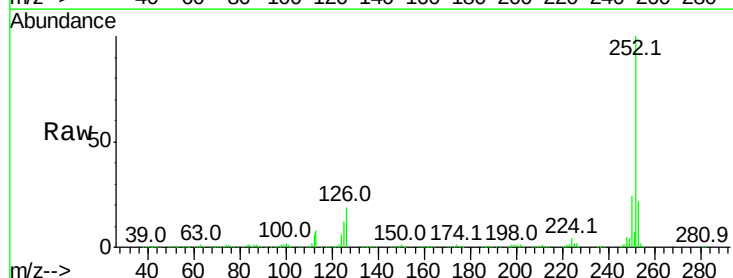
Tgt Ion:252 Resp: 827710

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

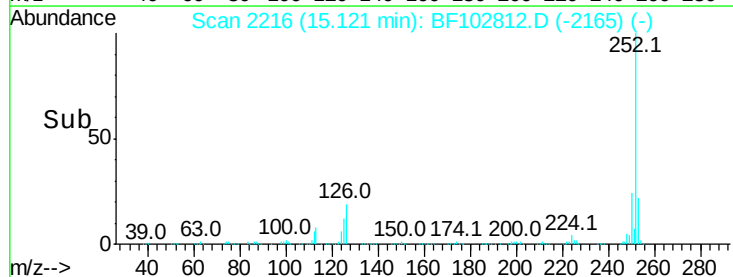
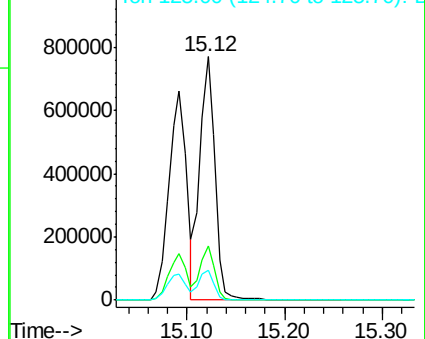
125 12.3 10.2 15.2

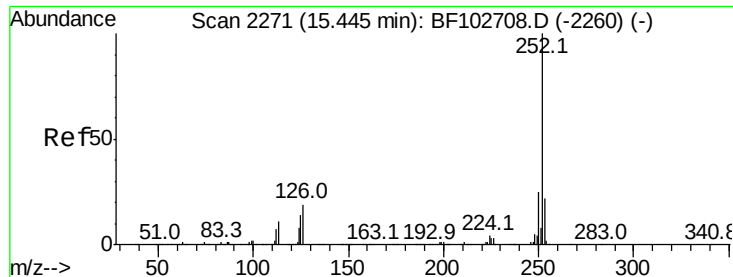


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

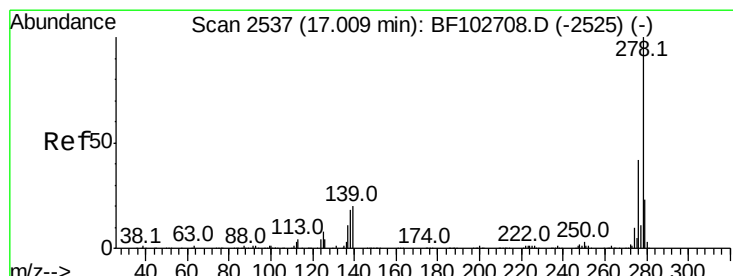
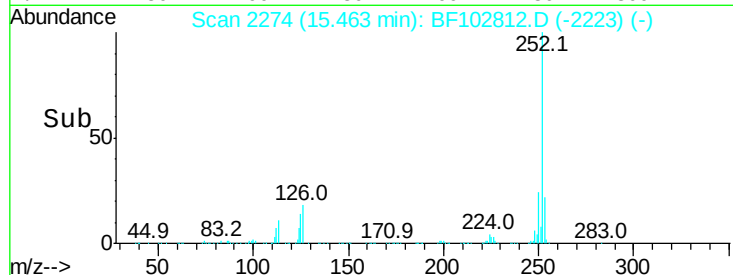
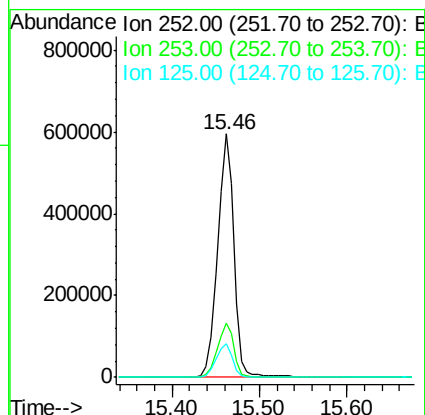
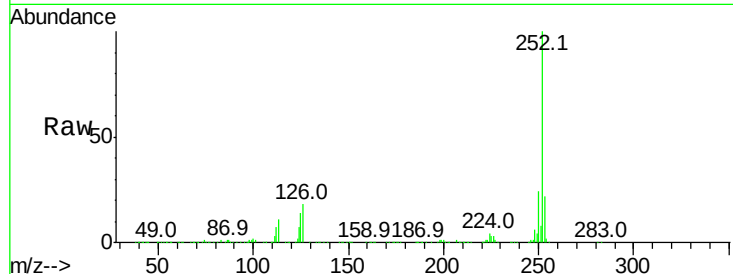




#89
Benzo(a)pyrene
Concen: 40.535 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

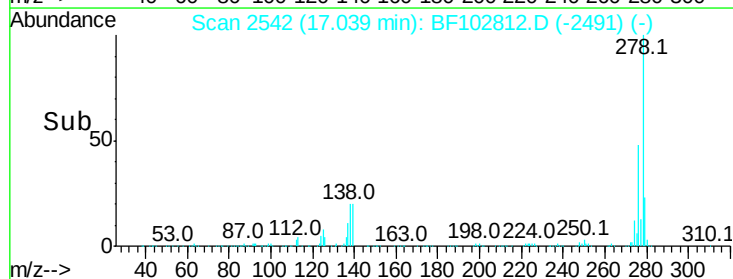
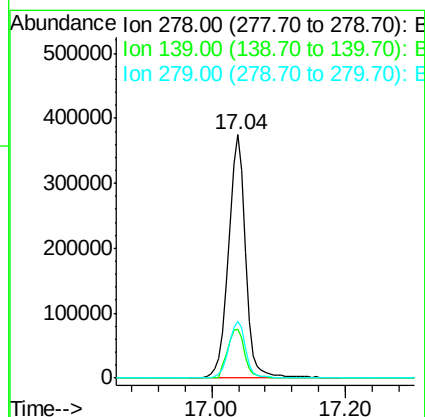
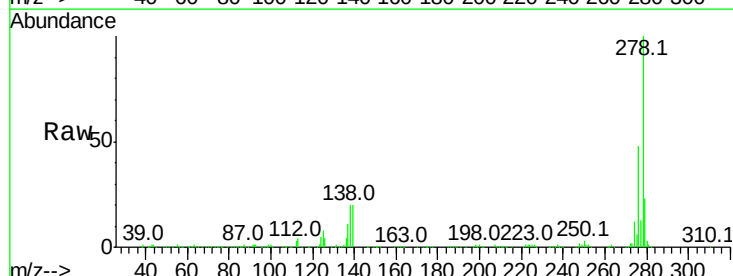
Instrument :
BNA_F
ClientSampleId :

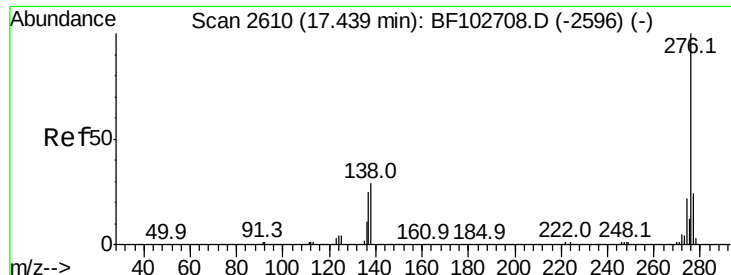
Tot Ion:252 Resp: 771578
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 14.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 44.223 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion:278 Resp: 683241
Ion Ratio Lower Upper
278 100
139 20.2 15.9 23.9
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 46.935 ng

RT: 17.47 min Scan# 2616

Delta R.T. 0.00 min

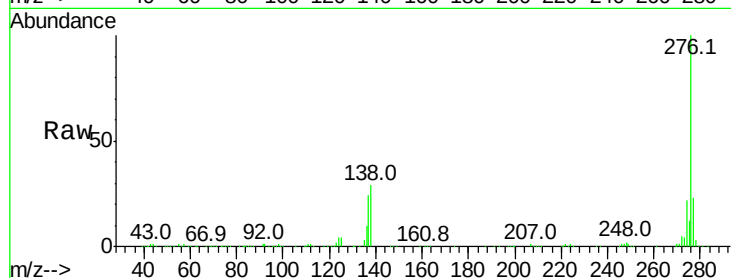
Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 709764

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 29.1 21.8 32.8

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

