

Data Path : Z:\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 02:13:42 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	35.13	ng	# 86
3) Pyridine	3.49	79	580513	35.60	ng	89
4) n-Nitrosodimethylamine	3.45	42	286684	41.09	ng	98
6) Aniline	6.55	93	497268	23.40	ng	95
8) 2-Chlorophenol	6.67	128	511573	41.58	ng	97
9) Benzaldehyde	6.43	77	168172	15.74	ng	97
10) Phenol	6.52	94	683933	44.35	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	499941	38.96	ng	89
12) 1,3-Dichlorobenzene	6.82	146	531313	37.29	ng	98
13) 1,4-Dichlorobenzene	6.90	146	531074	37.42	ng	97
14) 1,2-Dichlorobenzene	7.05	146	490411	37.10	ng	99
15) Benzyl Alcohol	7.02	79	451531	40.82	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	918411	37.68	ng	96
17) 2-Methylphenol	7.13	107	439625	38.74	ng	99
18) Hexachloroethane	7.39	117	193711	39.81	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	343117	36.17	ng	92
20) 3+4-Methylphenols	7.28	107	518988	37.09	ng	# 89
22) Acetophenone	7.29	105	693348	36.98	ng	# 95
24) Nitrobenzene	7.46	77	547489	42.14	ng	99
25) Isophorone	7.70	82	1010708	39.74	ng	100
26) 2-Nitrophenol	7.78	139	288129	52.90	ng	98
27) 2,4-Dimethylphenol	7.82	122	454458	42.30	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	635965	42.21	ng	99
29) 2,4-Dichlorophenol	8.02	162	423132	43.32	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	410982	37.19	ng	99
31) Naphthalene	8.19	128	1419140	37.91	ng	99
32) Benzoic acid	7.82	122	454458	56.24	ng	# 13
33) 4-Chloroaniline	8.23	127	296316	18.37	ng	99
34) Hexachlorobutadiene	8.30	225	204520	36.12	ng	99
35) Caprolactam	8.55	113	9916	2.92	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	469201	42.75	ng	94
37) 2-Methylnaphthalene	8.88	142	947718	38.67	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	351025	37.34	ng	98
40) Hexachlorocyclopentadiene	9.03	237	343393	76.83	ng	98

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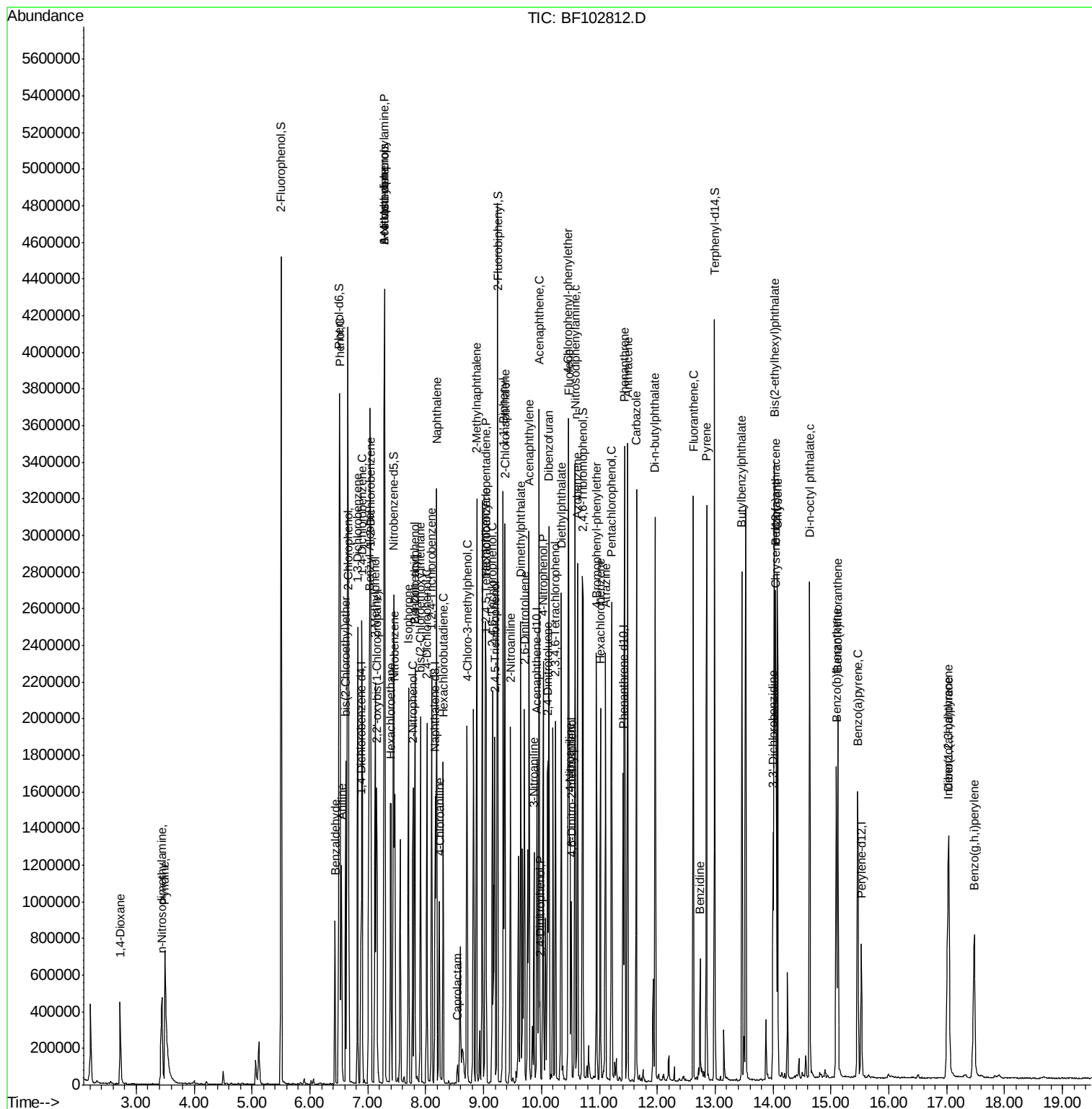
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	273905	44.36	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	295033	42.39	nq	94
45) 1,1'-Biphenyl	9.35	154	1085815	37.34	nq	98
46) 2-Chloronaphthalene	9.37	162	869869	37.99	nq	98
47) 2-Nitroaniline	9.46	65	324519	46.08	nq	91
48) Acenaphthylene	9.79	152	1331730	37.45	nq	99
49) Dimethylphthalate	9.65	163	1137427	42.25	nq	99
50) 2,6-Dinitrotoluene	9.70	165	232989	45.49	nq	96
51) Acenaphthene	9.96	154	782418	36.79	nq	99
52) 3-Nitroaniline	9.87	138	209624	33.26	nq	# 90
53) 2,4-Dinitrophenol	9.97	184	44360	40.83	nq	# 19
54) Dibenzofuran	10.13	168	1156393	38.58	nq	97
55) 4-Nitrophenol	10.03	139	412969	79.75	nq	93
56) 2,4-Dinitrotoluene	10.11	165	311588	45.53	nq	93
57) Fluorene	10.47	166	855302	39.22	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	218744	45.35	nq	97
59) Diethylphthalate	10.34	149	995396	37.44	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	380999	39.50	nq	97
61) 4-Nitroaniline	10.49	138	265081	44.19	nq	88
62) Azobenzene	10.62	77	992031	37.35	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	116242	46.63	nq	88
65) n-Nitrosodiphenylamine	10.58	169	802804	37.58	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	245665	38.35	nq	94
67) Hexachlorobenzene	11.02	284	260749	36.89	nq	99
68) Atrazine	11.10	200	248255	39.39	nq	98
69) Pentachlorophenol	11.21	266	277114	66.79	nq	98
70) Phenanthrene	11.43	178	1242421	36.83	nq	99
71) Anthracene	11.49	178	1283252	37.41	nq	100
72) Carbazole	11.64	167	1243804	37.01	nq	100
73) Di-n-butylphthalate	11.96	149	1518536	37.19	nq	100
74) Fluoranthene	12.62	202	1255761	37.00	nq	99
76) Benzidine	12.74	184	234768	12.52	nq	98
77) Pyrene	12.85	202	1262794	39.48	nq	100
79) Butylbenzylphthalate	13.46	149	631663	41.43	nq	99
80) Benzo(a)anthracene	14.04	228	1000203	38.99	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	249084	26.19	nq	99
82) Chrysene	14.07	228	951125	36.78	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	807842	41.23	nq	100
84) Di-n-octyl phthalate	14.63	149	1242069	42.22	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	825535	38.49	nq	99
87) Benzo(b)fluoranthene	15.09	252	823993	38.97	nq	97
88) Benzo(k)fluoranthene	15.12	252	827710	40.96	nq	100
89) Benzo(a)pyrene	15.46	252	771578	40.54	nq	97
90) Dibenzo(a,h)anthracene	17.04	278	683241	44.22	nq	99
91) Benzo(g,h,i)perylene	17.47	276	709764	46.94	nq	97

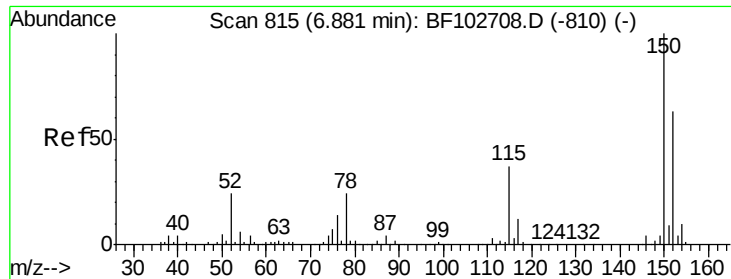
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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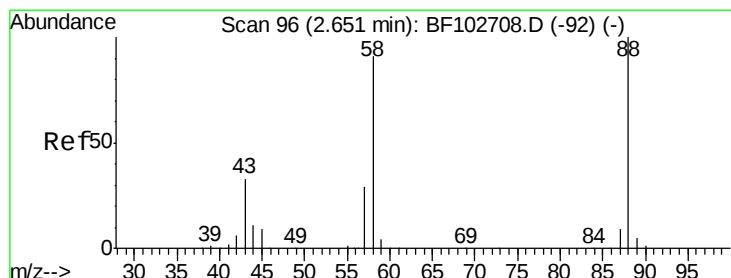
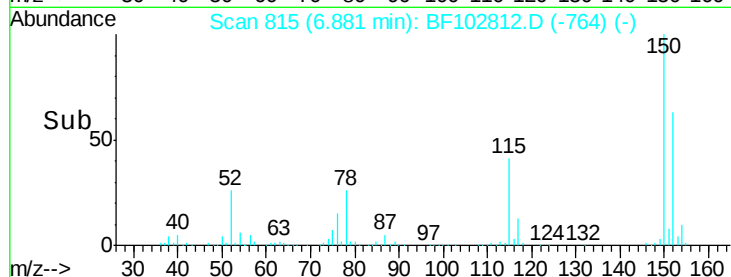
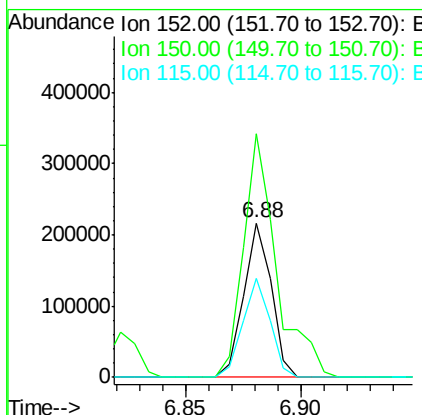
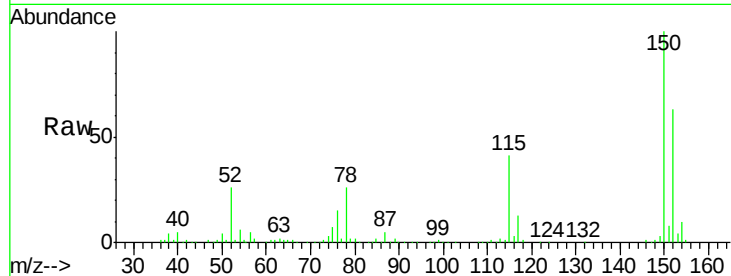


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 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 :

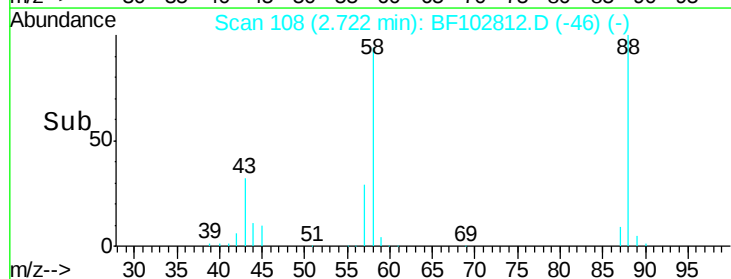
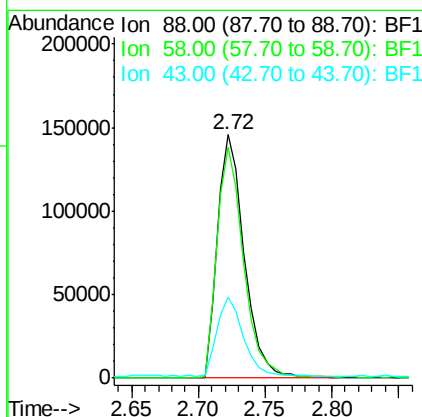
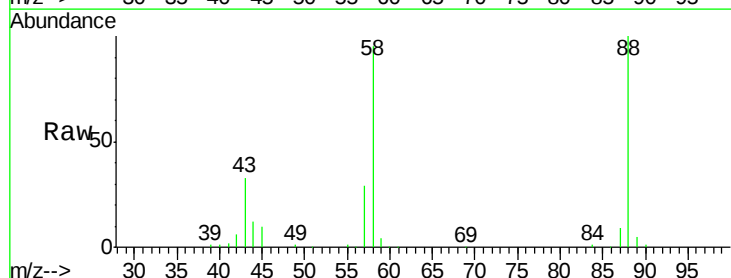
Tot Ion:152 Resp: 181480
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 64.2 50.1 75.1

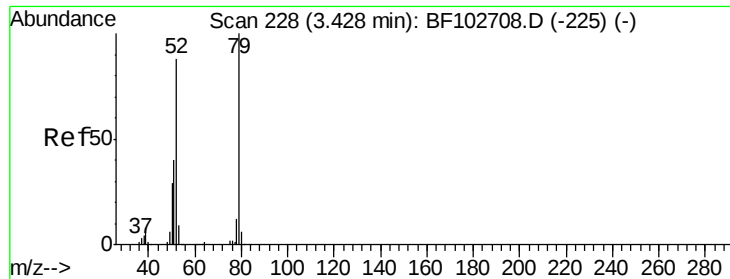


#2

1,4-Dioxane
Concen: 35.13 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





#3

Pvridine

Concen: 35.60 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 :

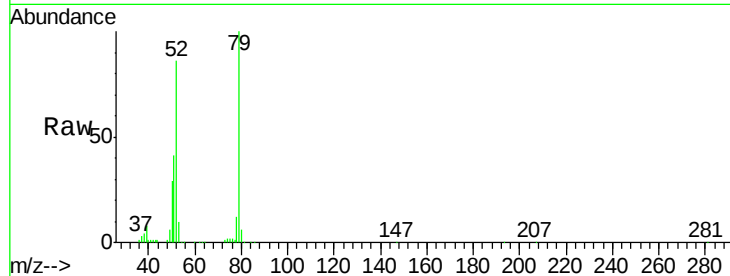
Tot Ion: 79 Resp: 580513

Ion Ratio Lower Upper

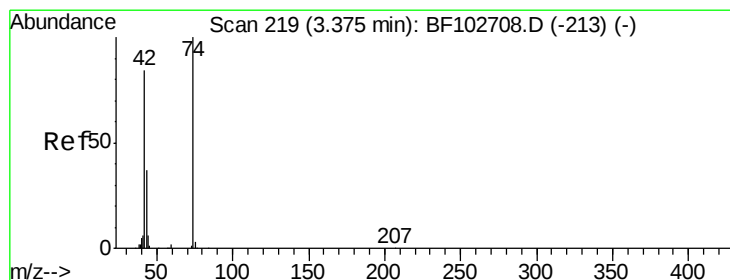
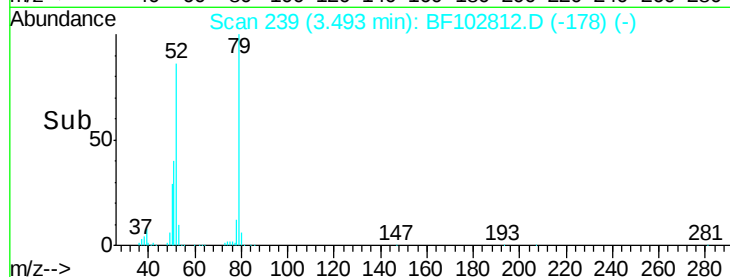
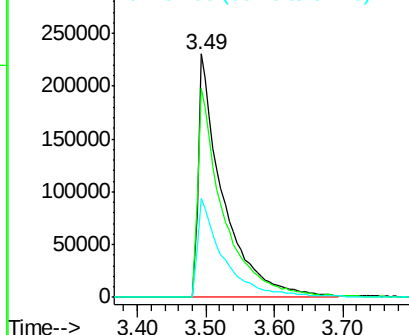
79 100

52 86.0 59.8 89.6

51 40.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.09 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

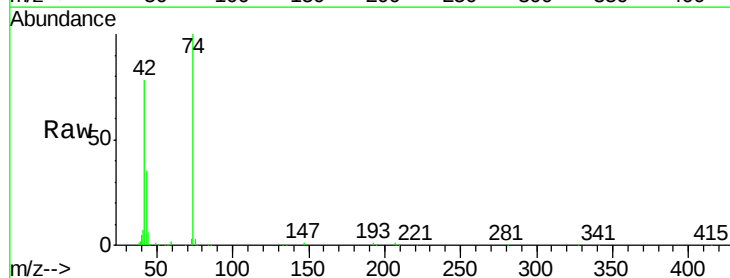
Tgt Ion: 42 Resp: 286684

Ion Ratio Lower Upper

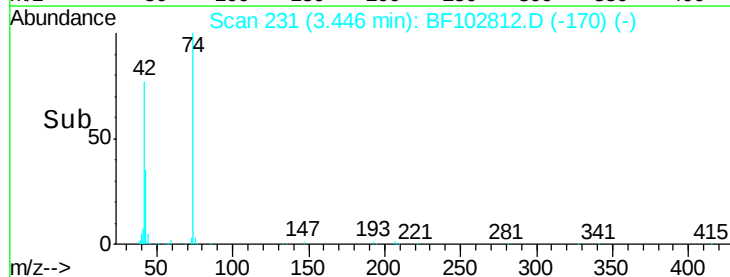
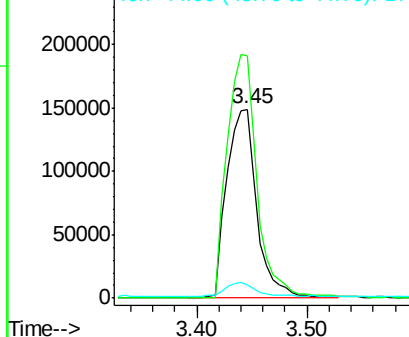
42 100

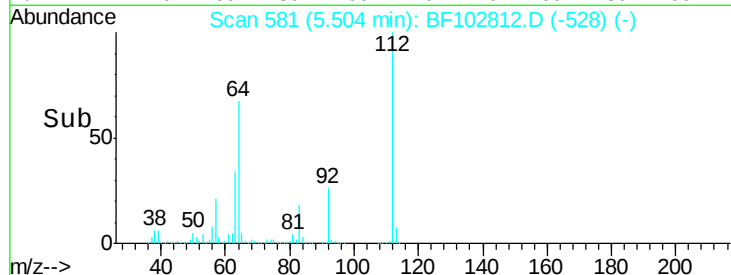
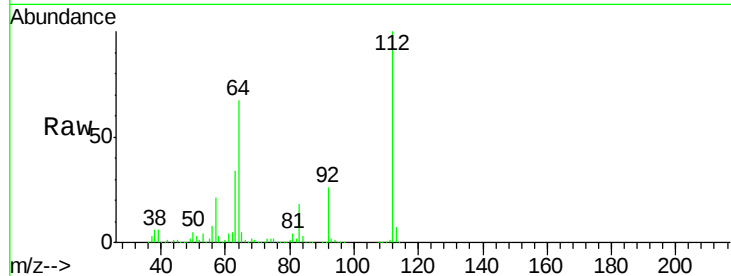
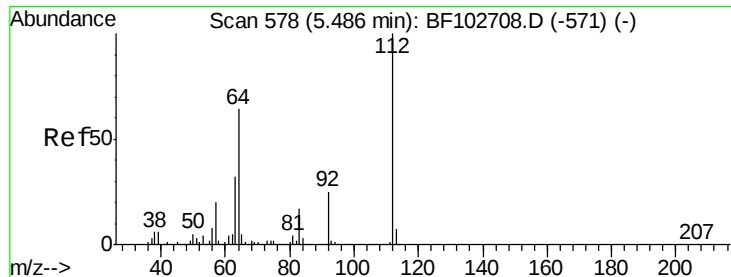
74 128.7 104.9 157.3

44 7.3 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.64 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

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ClientSampleId :

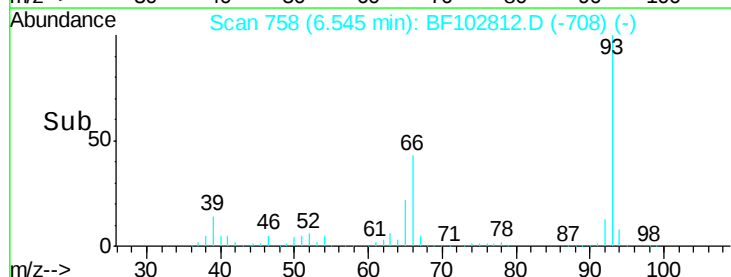
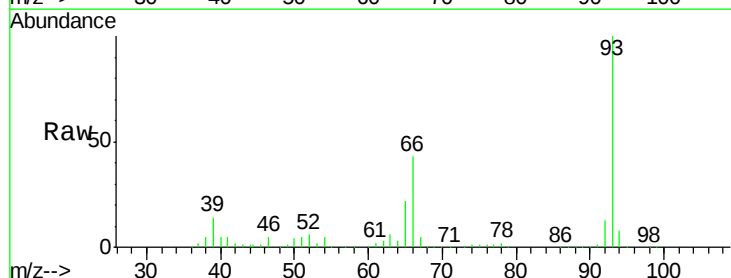
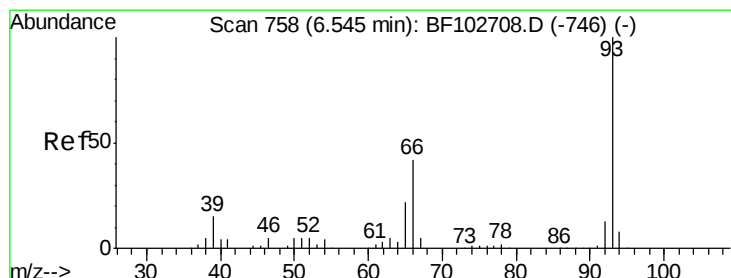
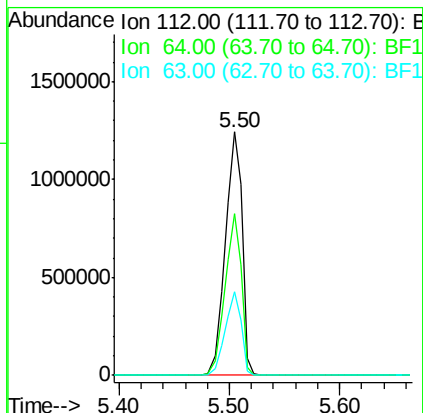
Tot Ion:112 Resp: 1322095

Ion Ratio Lower Upper

112 100

64 66.7 47.9 71.9

63 34.2 23.7 35.5



#6

Aniline

Concen: 23.40 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

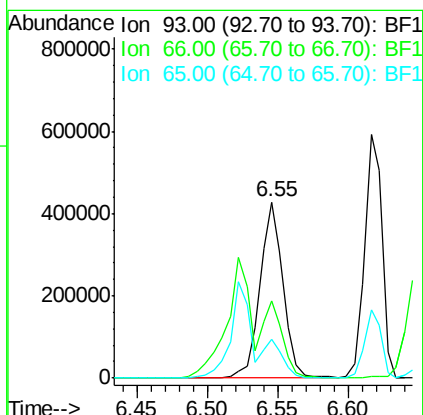
Tgt Ion: 93 Resp: 497268

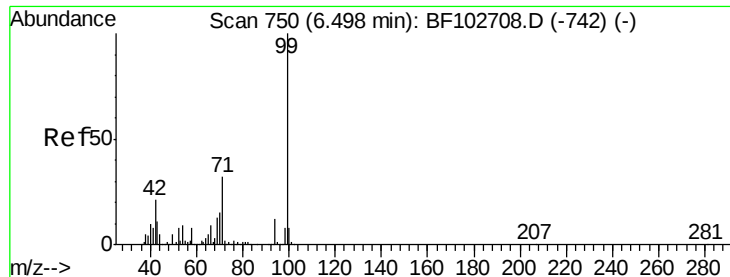
Ion Ratio Lower Upper

93 100

66 43.5 32.2 48.2

65 22.3 16.4 24.6





#7

Phenol-d6

Concen: 109.71 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

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ClientSampleId :

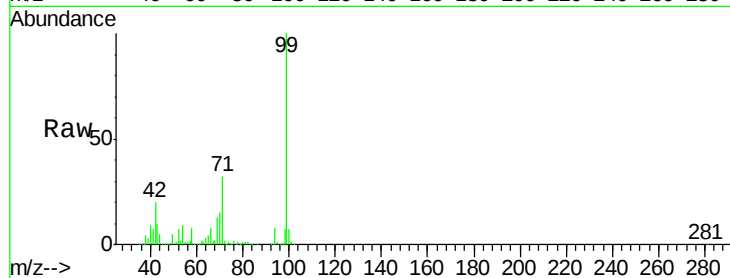
Tot Ion: 99 Resp: 1578530

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

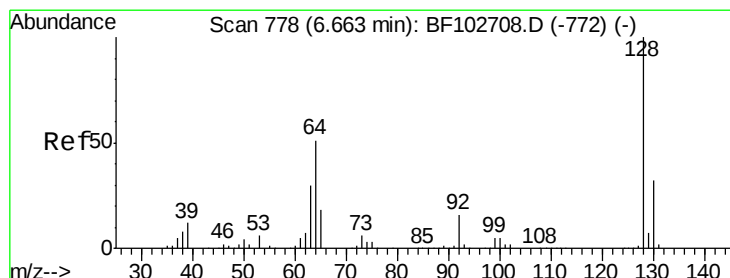
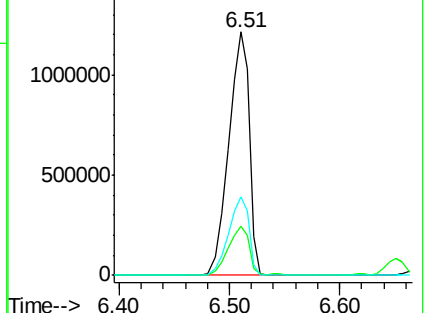
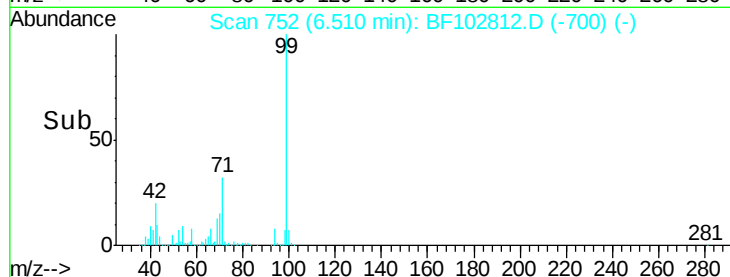
71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.58 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

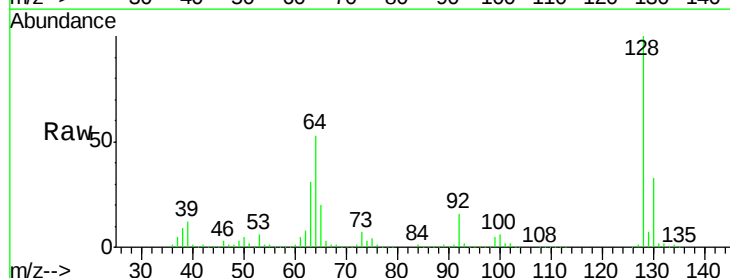
Tgt Ion: 128 Resp: 511573

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

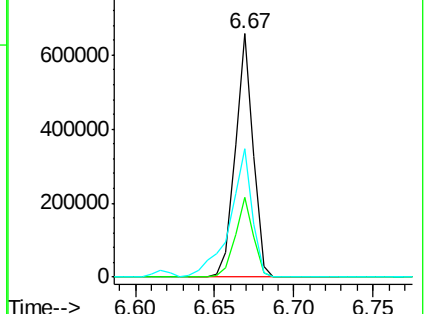
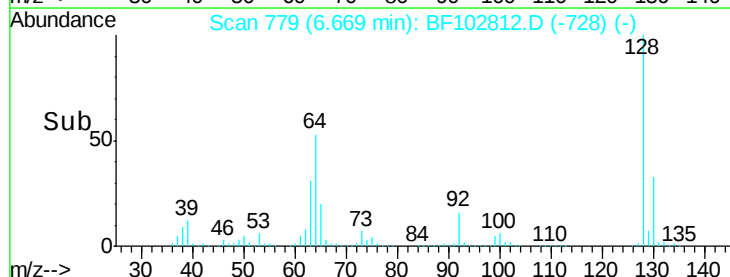
64 52.9 29.4 69.4

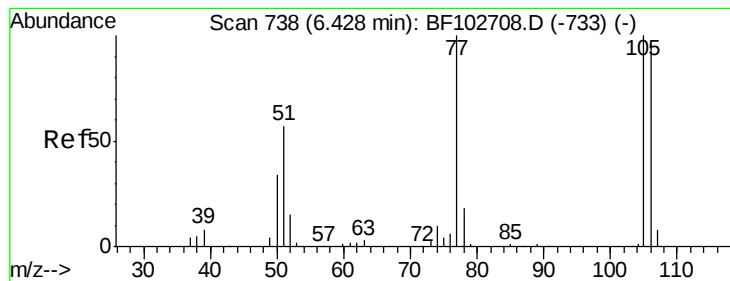


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.74 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

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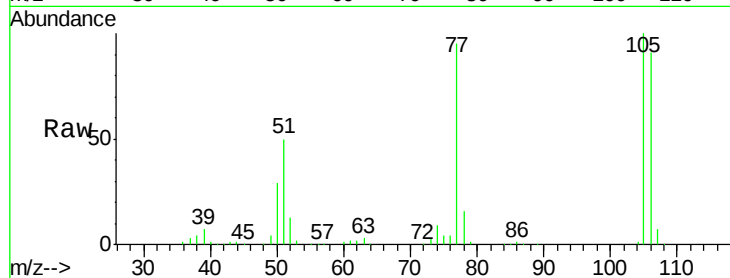
Tot Ion: 77 Resp: 168172

Ion Ratio Lower Upper

77 100

105 105.1 81.1 121.1

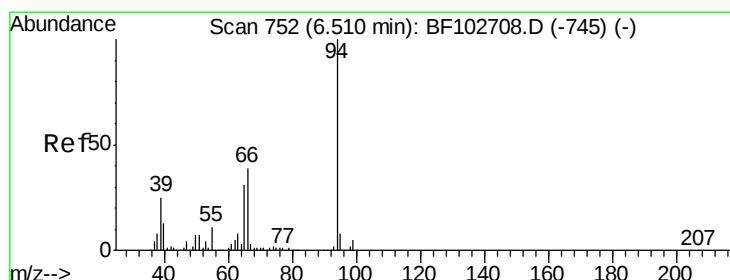
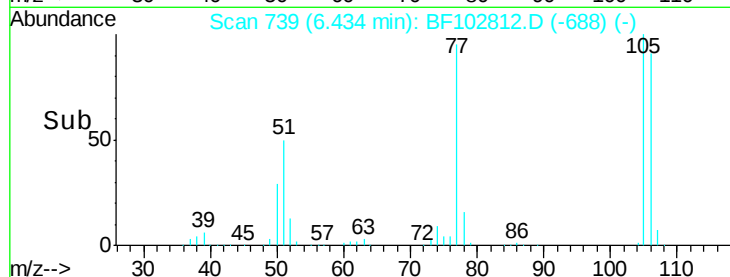
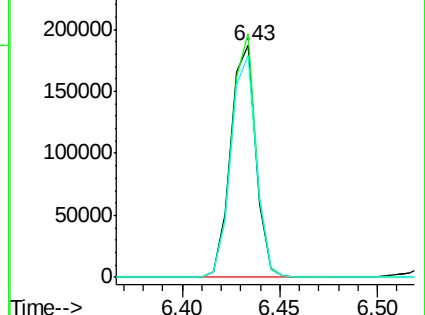
106 95.7 74.5 114.5



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: 44.35 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102812.D

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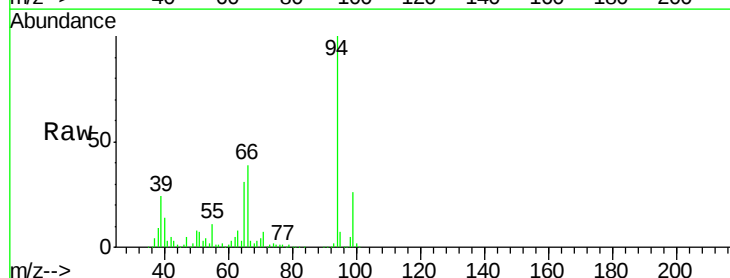
Tgt Ion: 94 Resp: 683933

Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

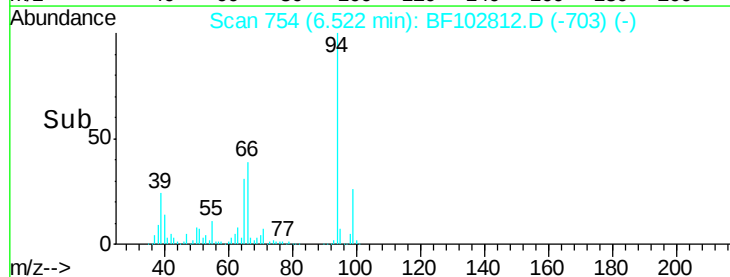
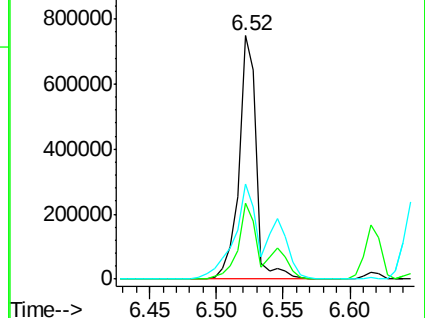
66 39.1 16.2 56.2

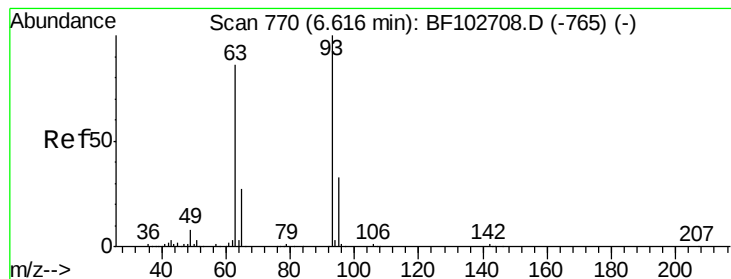


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

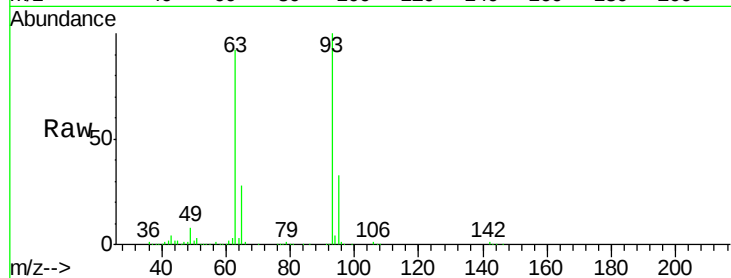




#11
bis(2-Chloroethyl)ether
Concen: 38.96 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

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

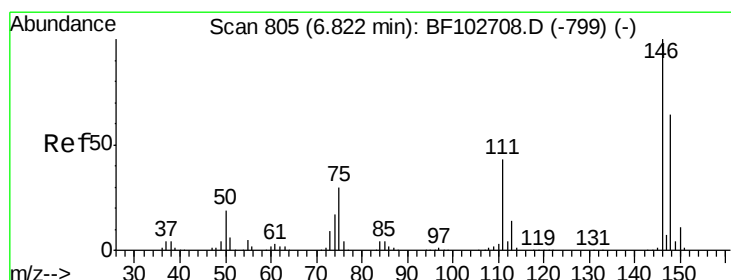
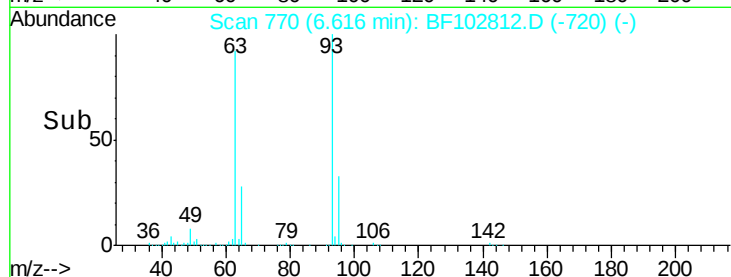
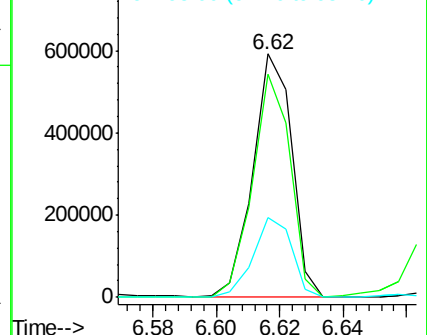


Abundance

Ion 93.00 (92.70 to 93.70): BF1

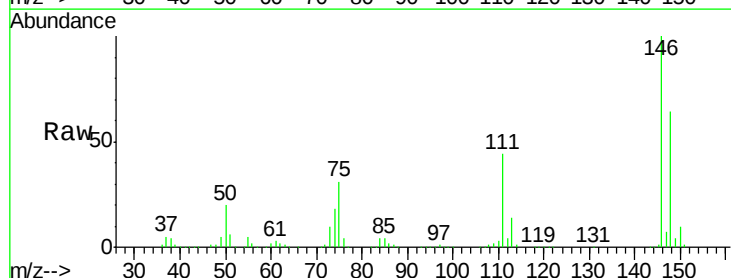
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 37.29 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

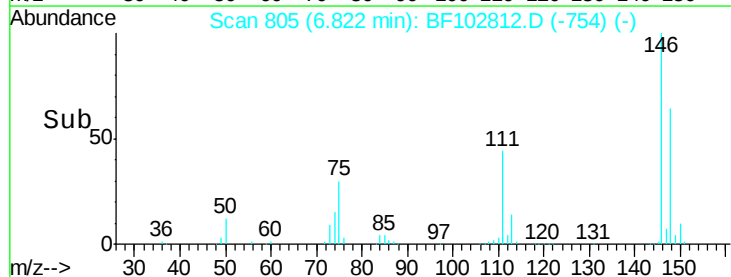
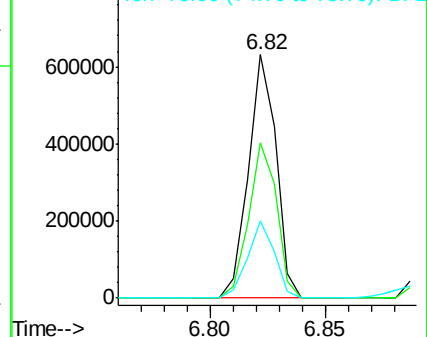


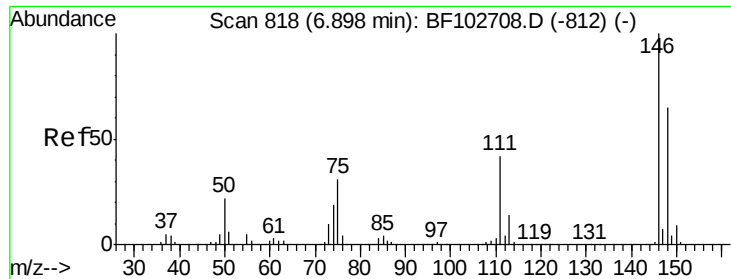
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

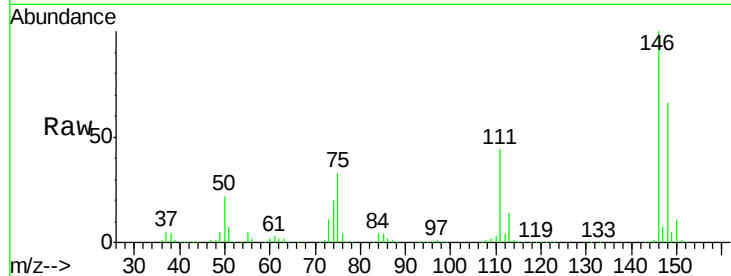




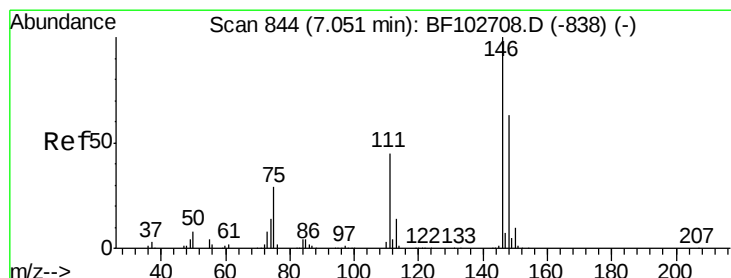
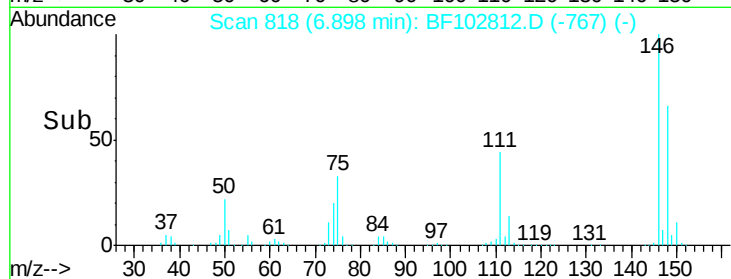
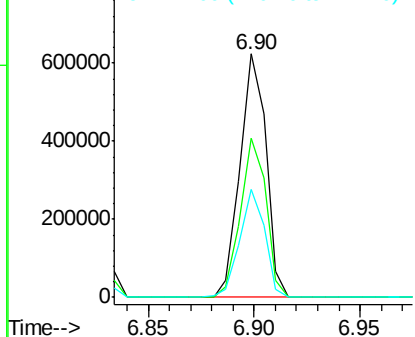
#13
 1,4-Dichlorobenzene
 Concen: 37.42 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

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

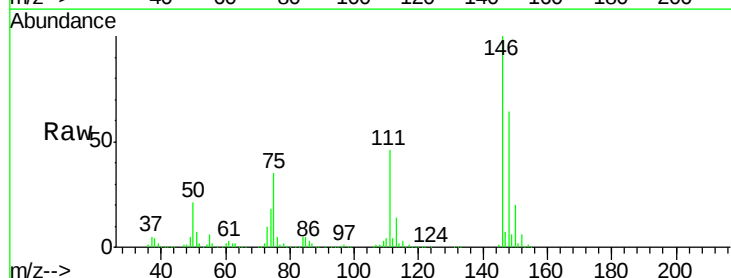


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

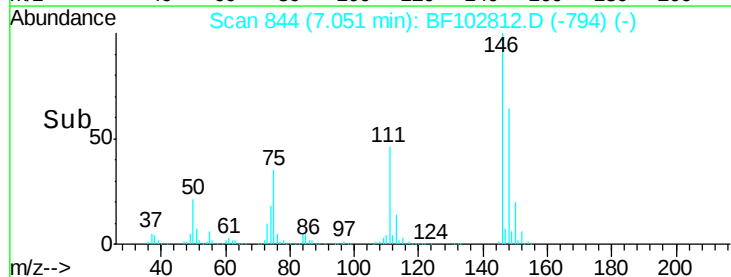
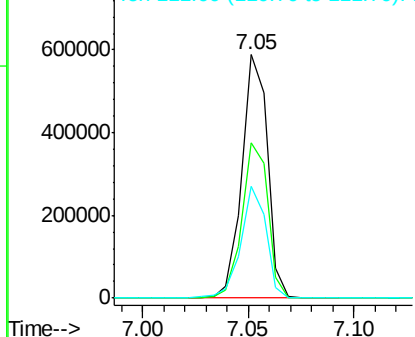


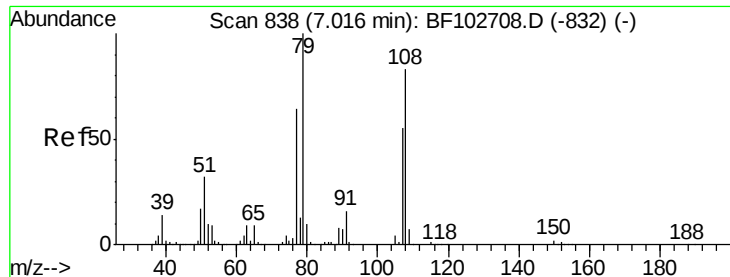
#14
 1,2-Dichlorobenzene
 Concen: 37.10 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

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: 40.82 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 :

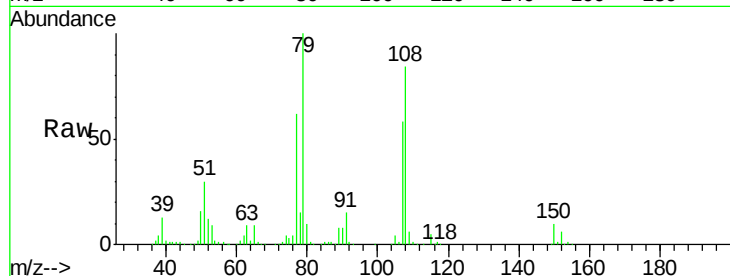
Tot Ion: 79 Resp: 451531

Ion Ratio Lower Upper

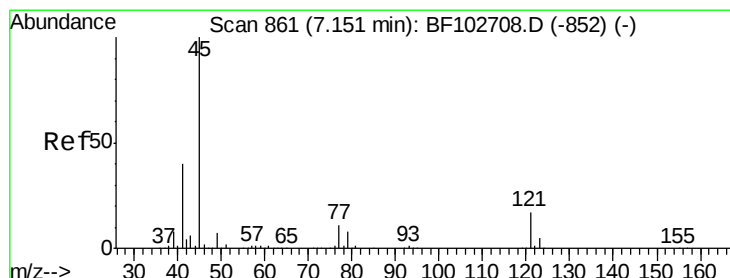
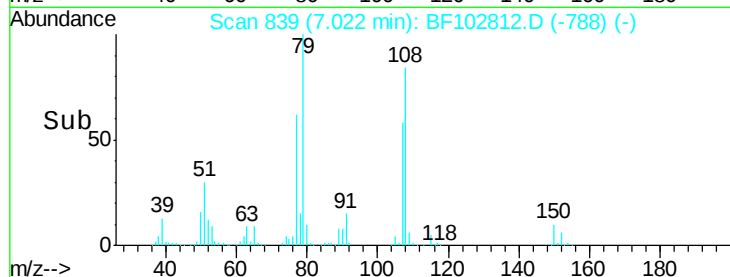
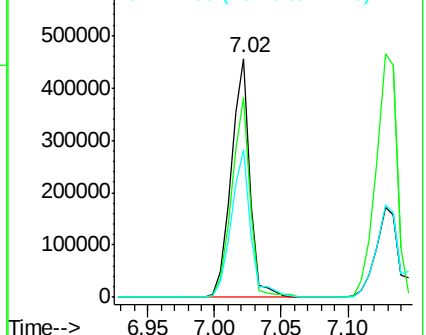
79 100

108 84.0 65.1 97.7

77 61.6 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.68 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

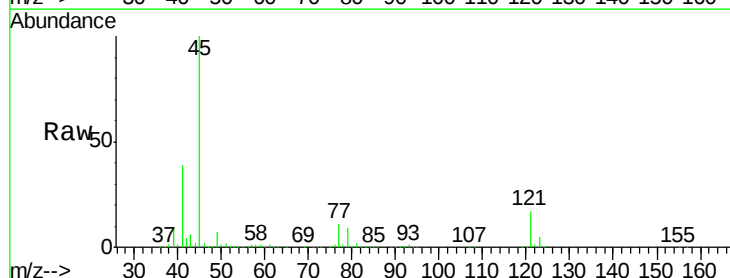
Tgt Ion: 45 Resp: 918411

Ion Ratio Lower Upper

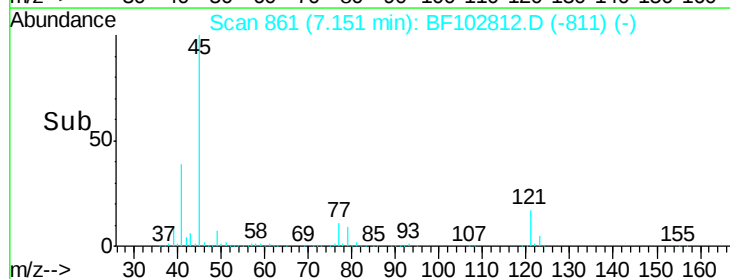
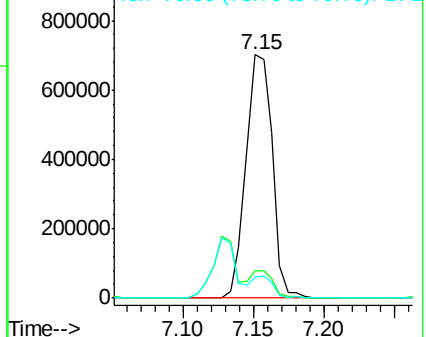
45 100

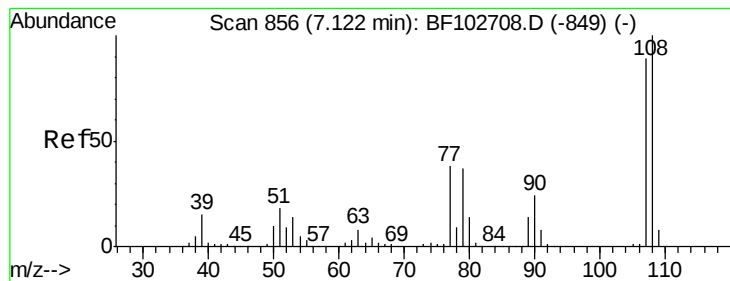
77 11.0 0.0 32.9

79 8.6 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

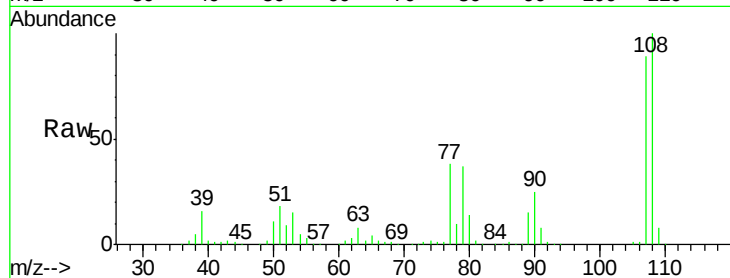




#17
2-Methylphenol
Concen: 38.74 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

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



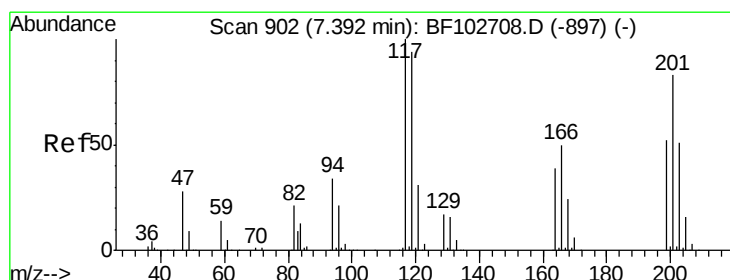
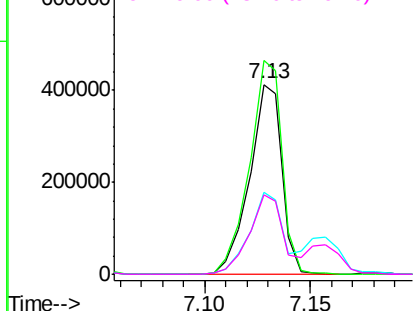
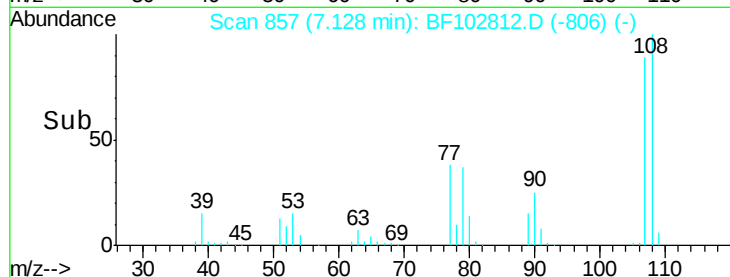
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

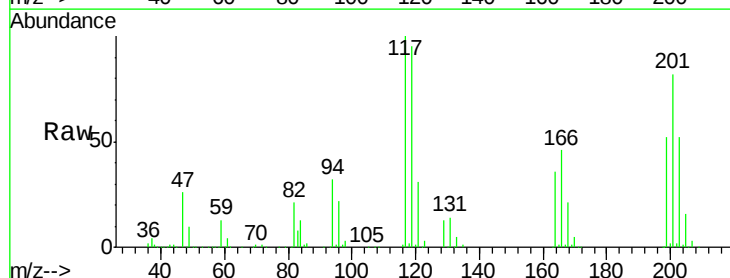
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.81 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

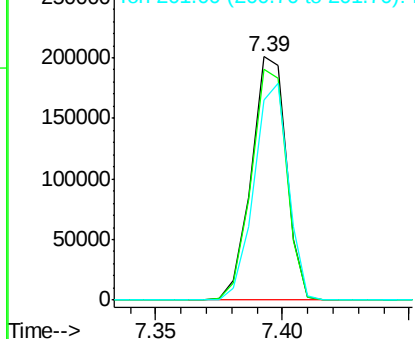
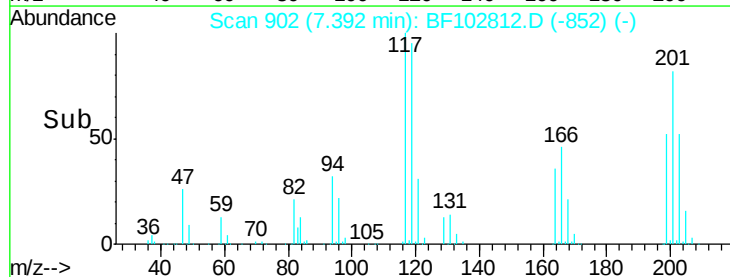


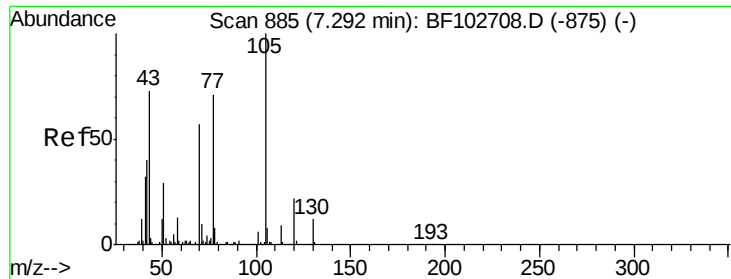
Abundance

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

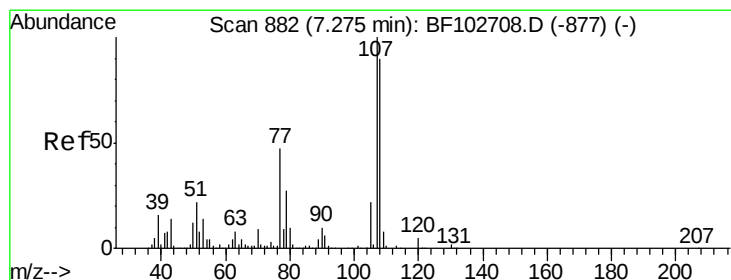
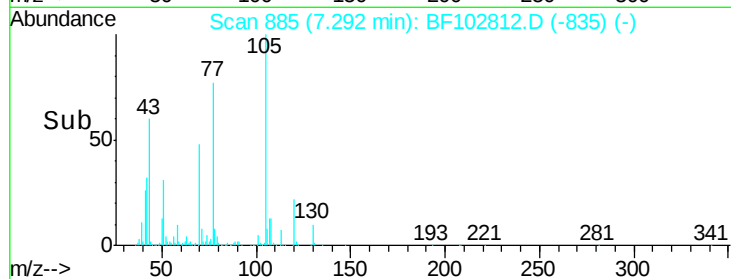
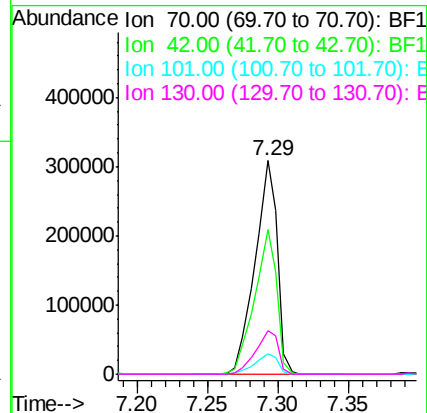
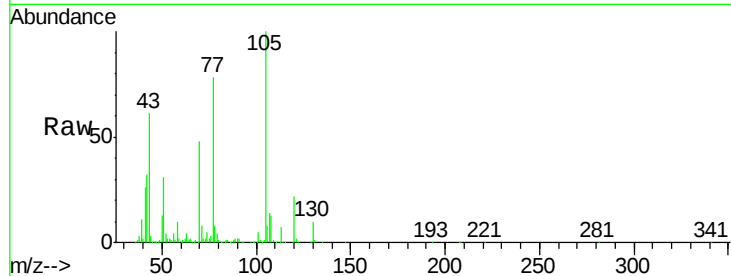




#19
n-Nitroso-di-n-propylamine
Concen: 36.17 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

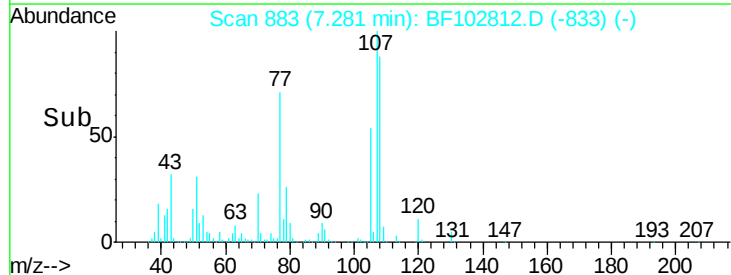
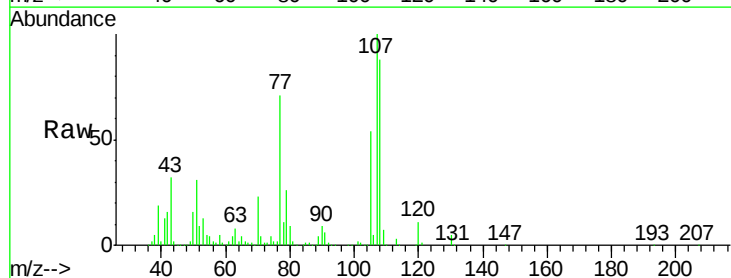
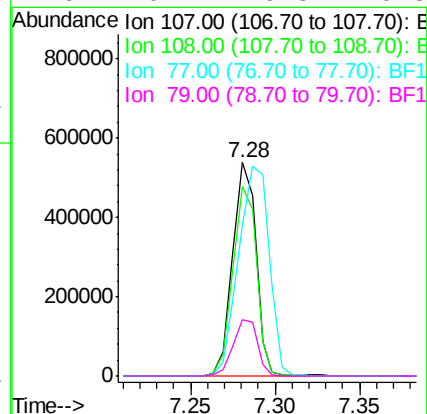
Instrument :
BNA_F
ClientSampleId :

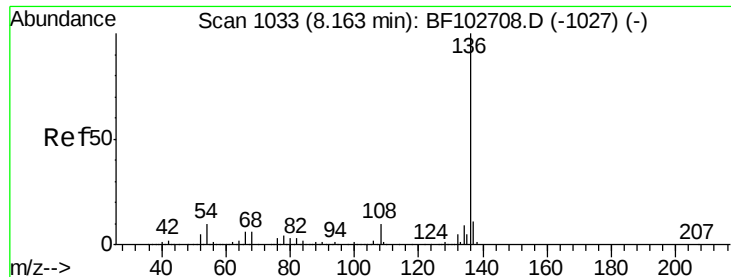
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.0	47.5	71.3
101	9.7	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.09 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	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: 20.00 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

ClientSampled :

Tot Ion:136 Resp: 766188

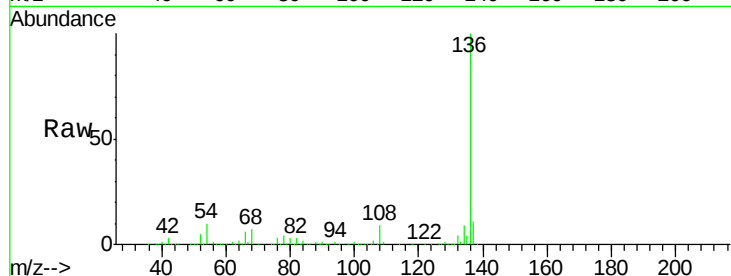
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.3 6.6 9.8#

68 6.8 5.0 7.4

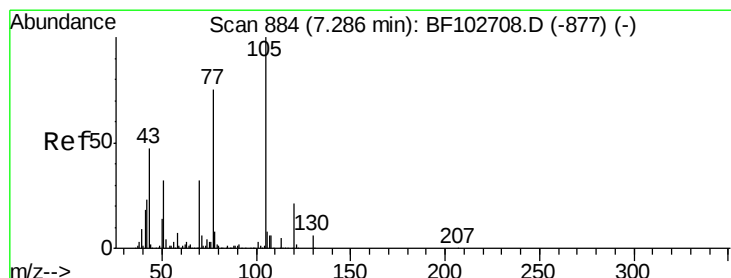
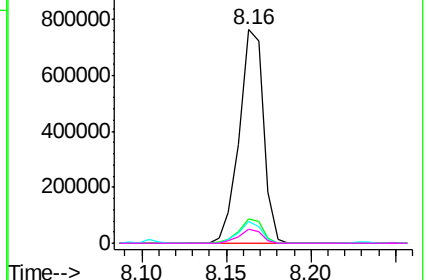
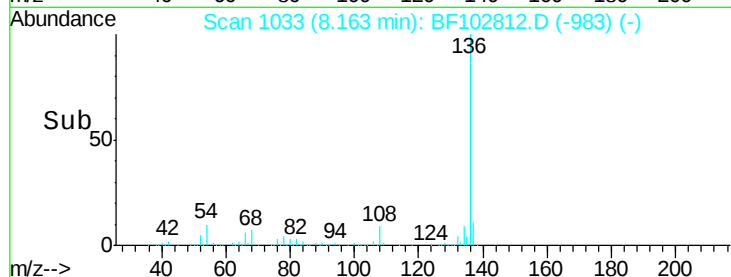


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.98 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

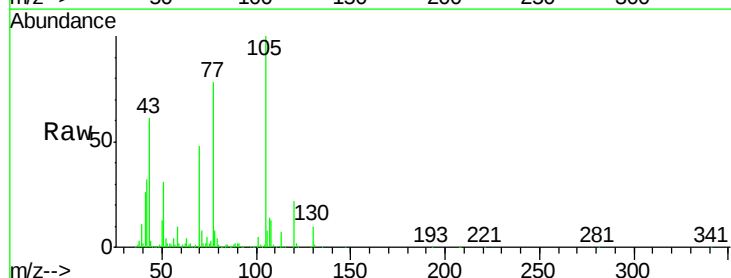
Ion Ratio Lower Upper

105 100

71 8.2 4.4 6.6#

51 31.2 22.3 33.5

120 21.8 16.9 25.3

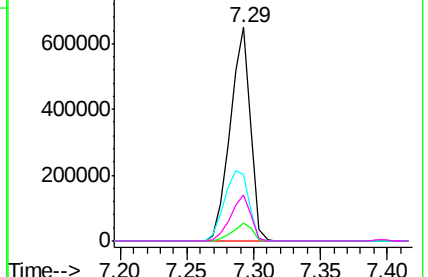
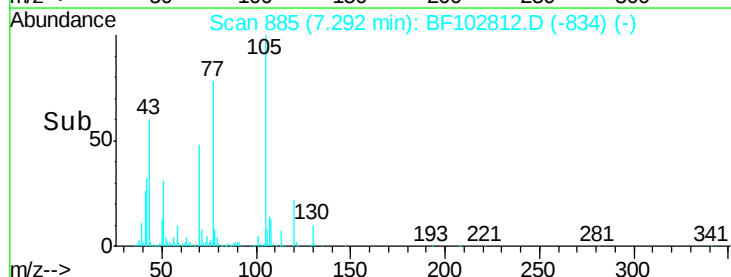


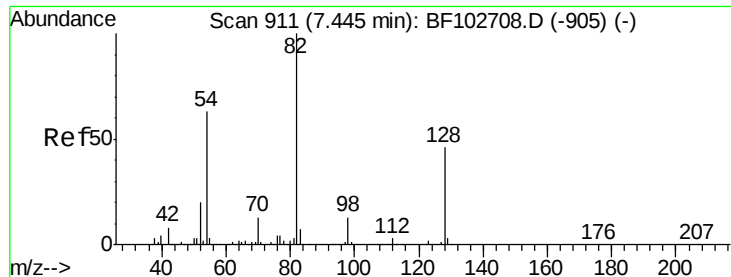
Abundance Ion 105.00 (104.70 to 105.70): E

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

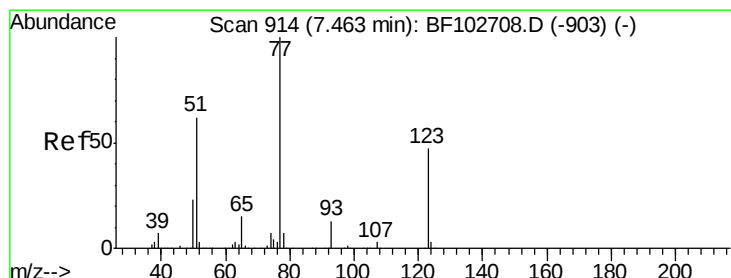
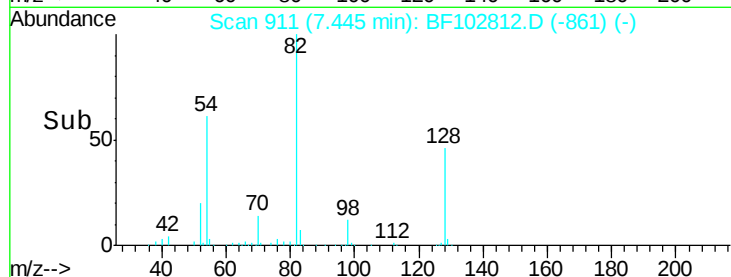
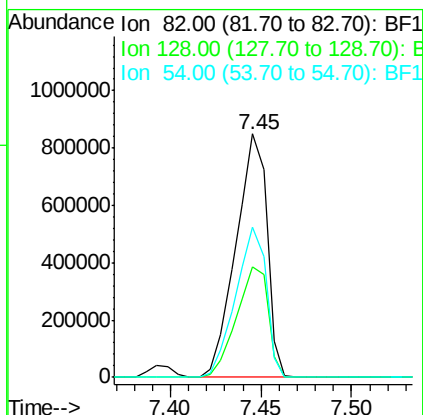
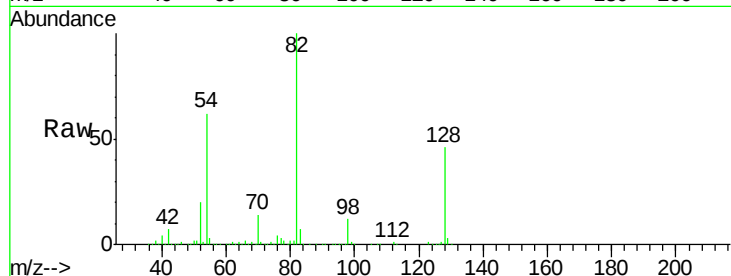




#23
 Nitrobenzene-d5
 Concen: 91.58 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

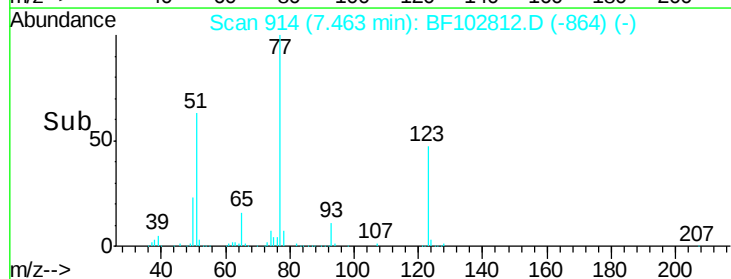
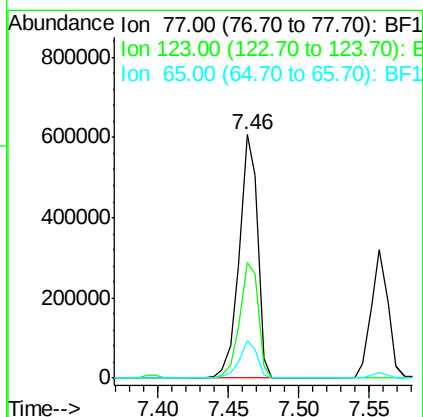
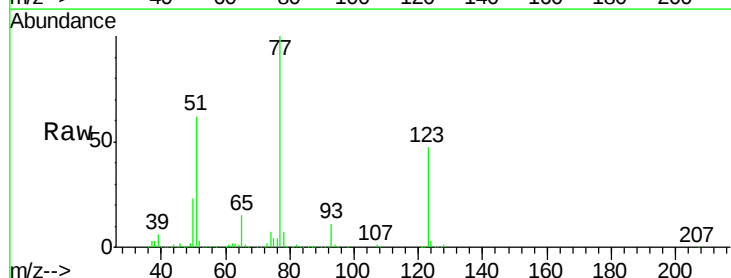
Instrument :
 BNA_F
 ClientSampleId :

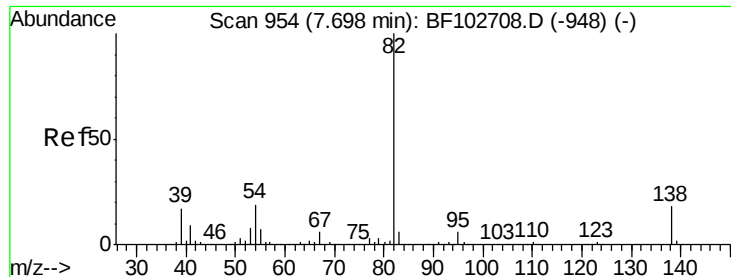
Tot Ion: 82 Resp: 1011474
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 61.5 41.4 62.2



#24
 Nitrobenzene
 Concen: 42.14 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: 39.74 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 :

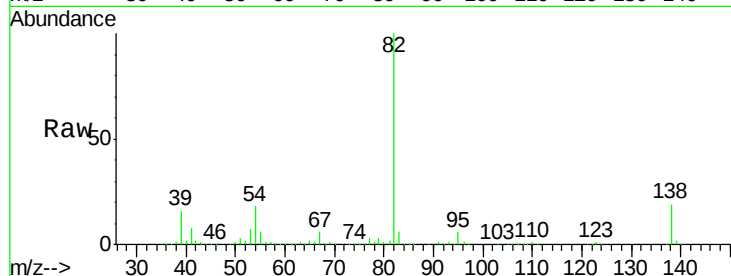
Tot Ion: 82 Resp: 1010708

Ion Ratio Lower Upper

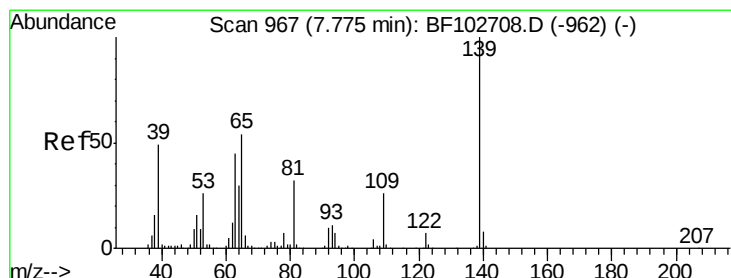
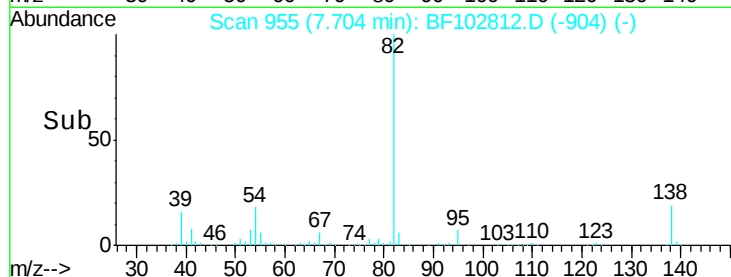
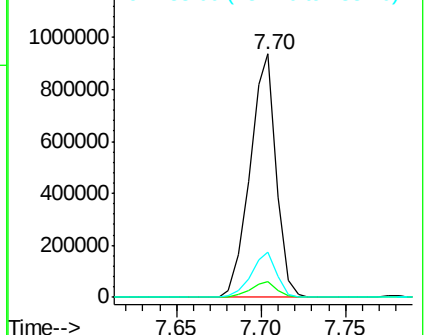
82 100

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: 52.90 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

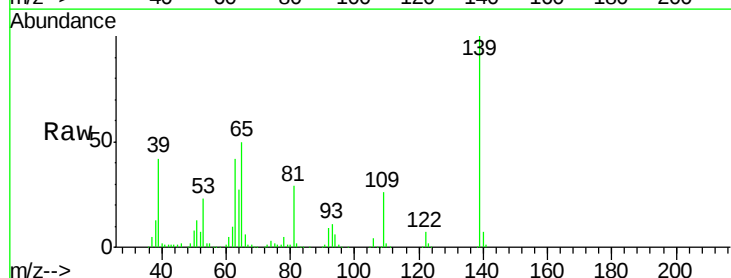
Tgt Ion: 139 Resp: 288129

Ion Ratio Lower Upper

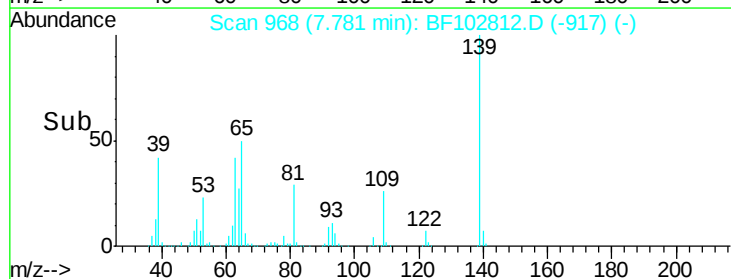
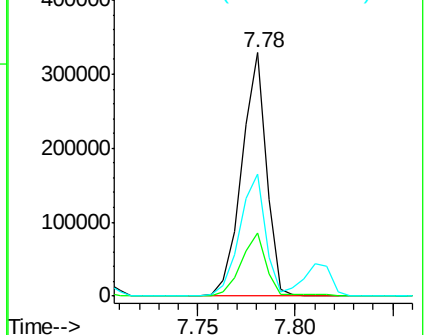
139 100

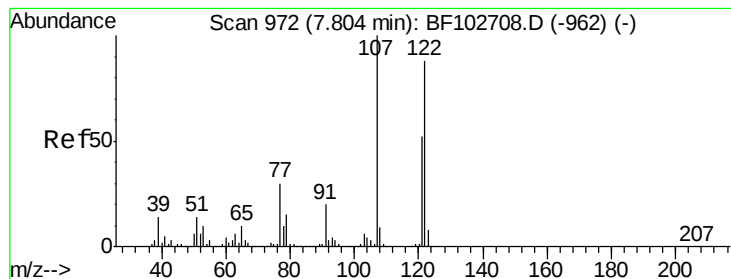
109 26.0 22.7 34.1

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: 42.30 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 :

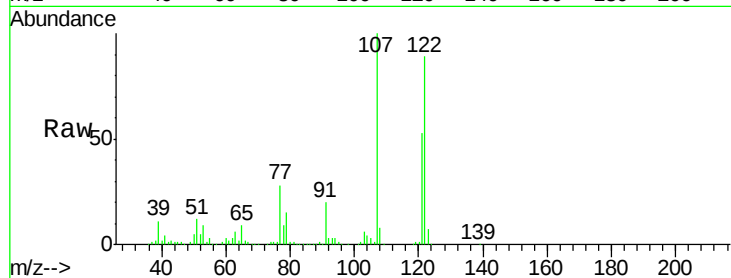
Tot Ion:122 Resp: 454458

Ion Ratio Lower Upper

122 100

107 112.6 91.2 136.8

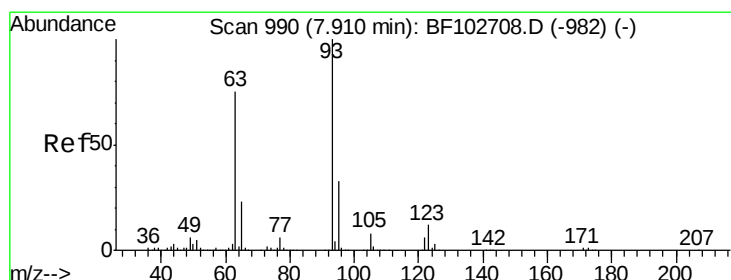
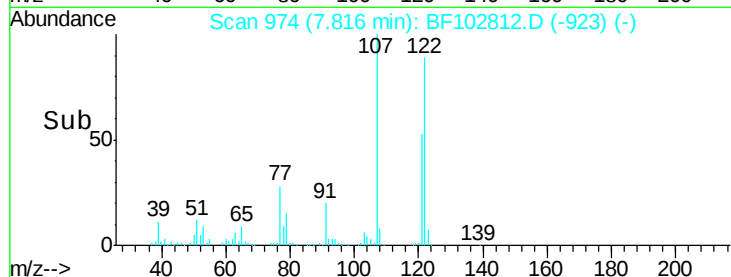
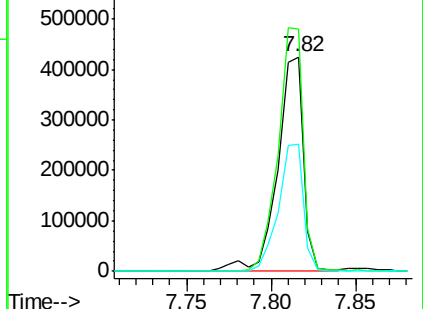
121 59.4 47.2 70.8



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: 42.21 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

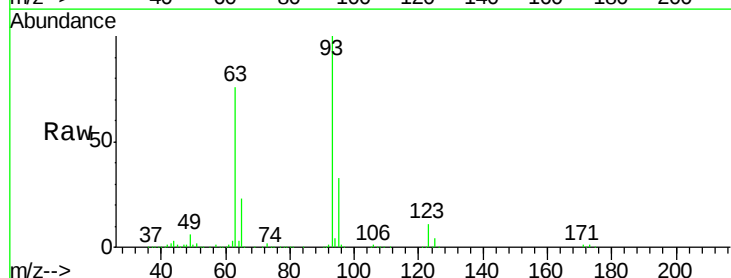
Tgt Ion: 93 Resp: 635965

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

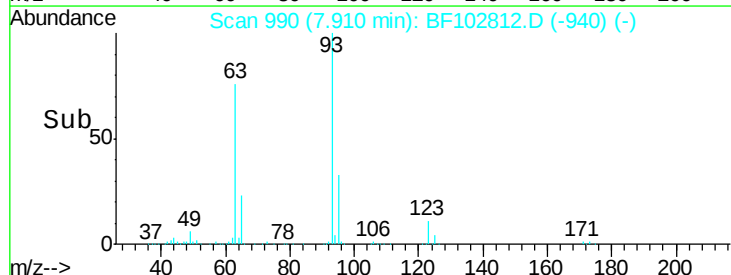
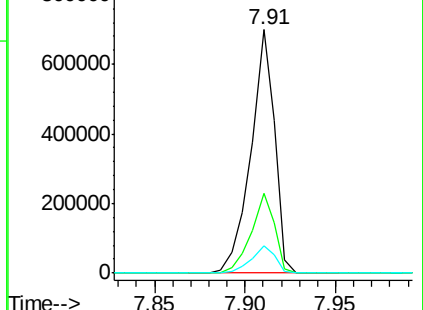
123 11.2 9.8 14.6

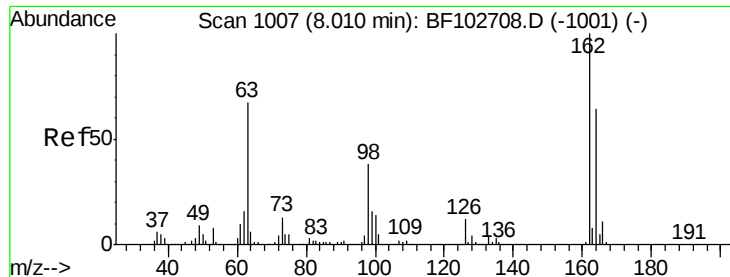


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

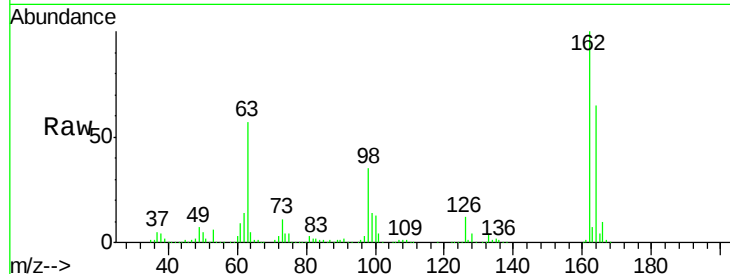




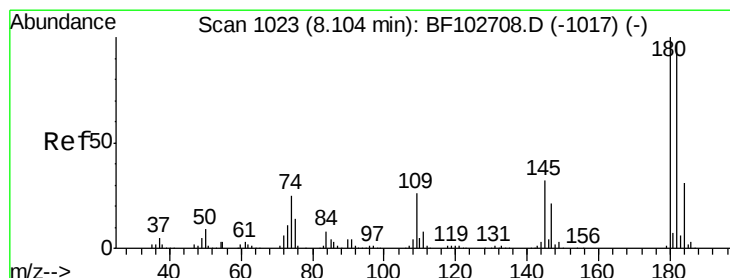
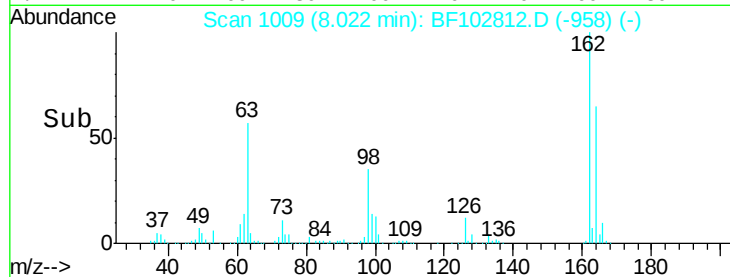
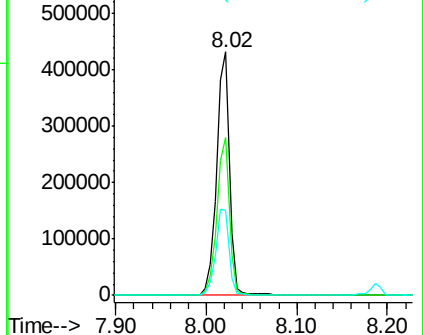
#29
 2,4-Dichlorophenol
 Concen: 43.32 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

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

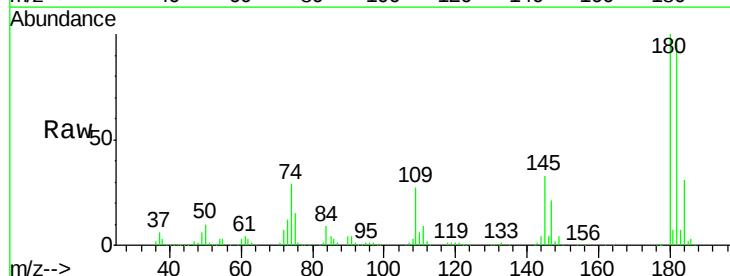


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

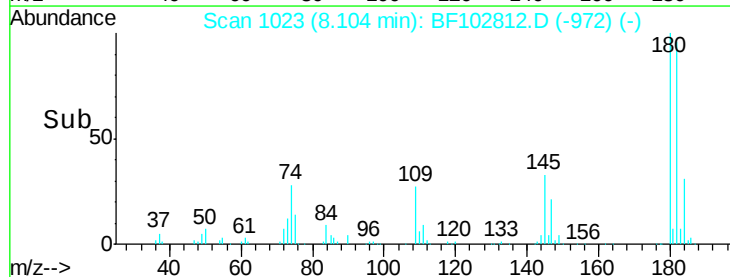
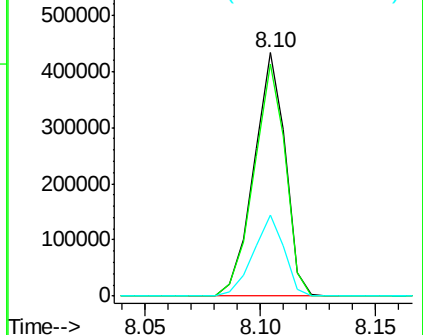


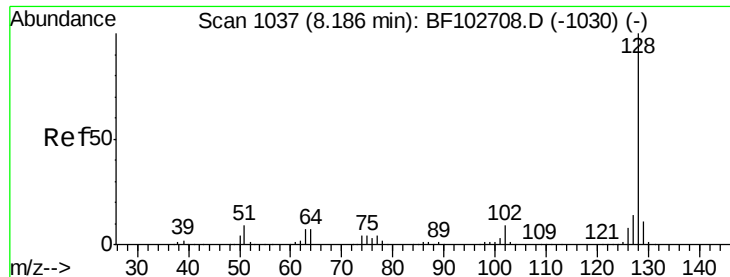
#30
 1,2,4-Trichlorobenzene
 Concen: 37.19 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

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: 37.91 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 :

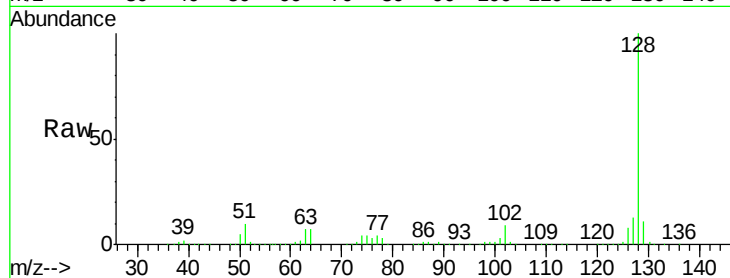
Tot Ion:128 Resp: 1419140

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

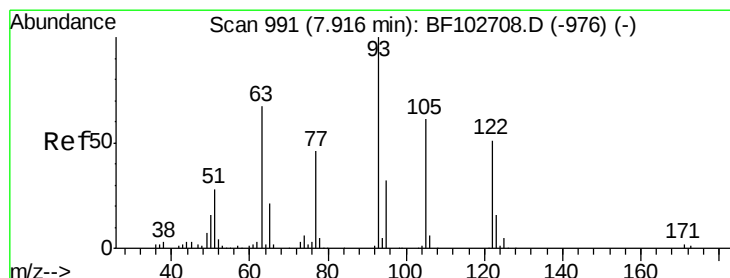
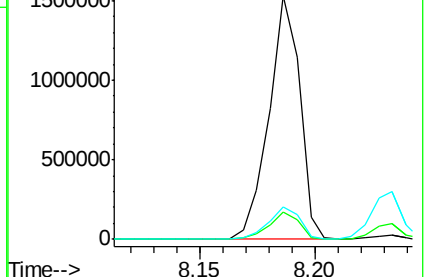
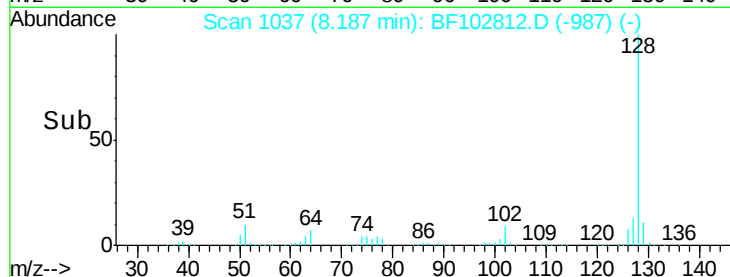
127 13.5 10.9 16.3



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: 56.24 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.12 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

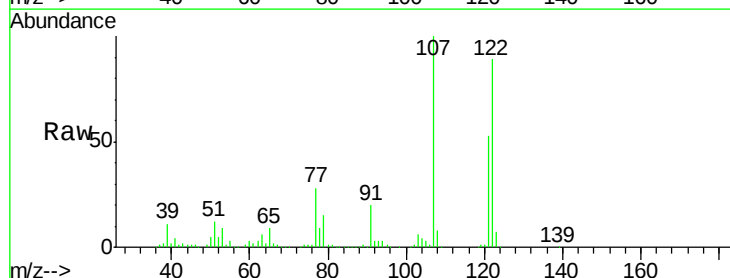
Tgt Ion:122 Resp: 454458

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

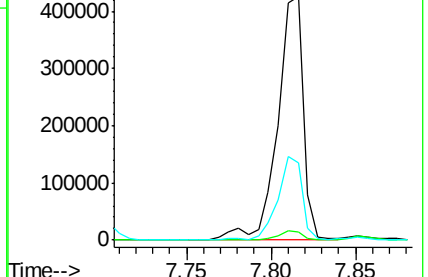
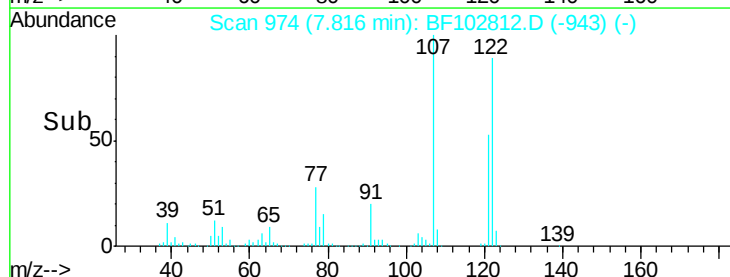
77 31.9 70.7 110.7#

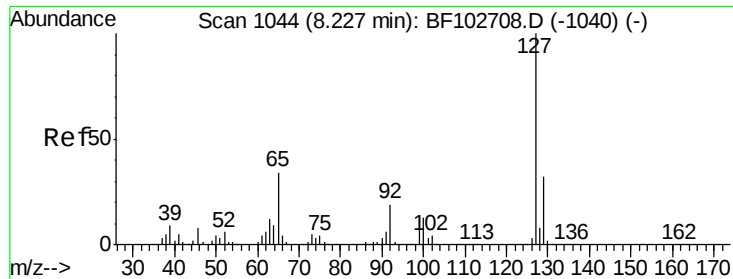


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

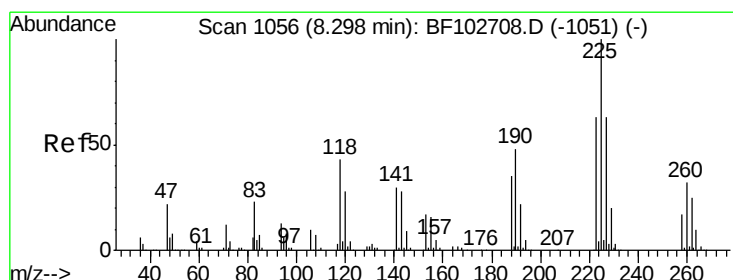
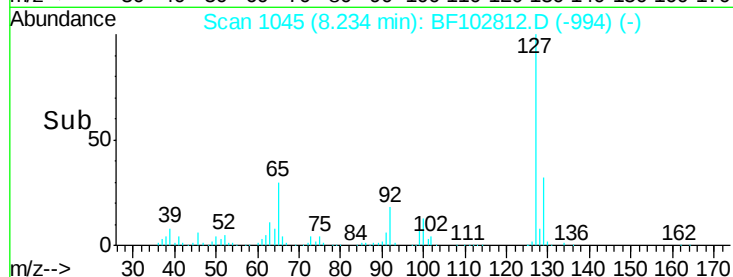
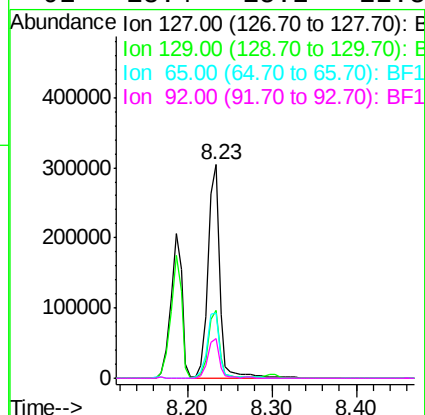
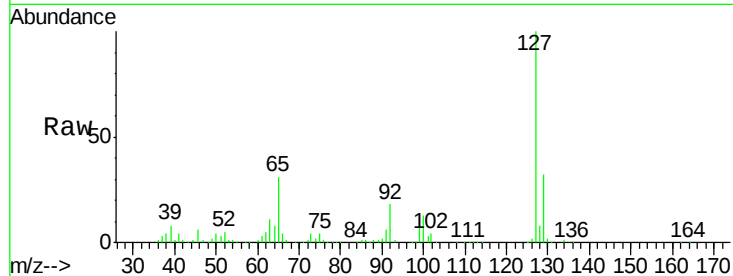




#33
 4-Chloroaniline
 Concen: 18.37 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

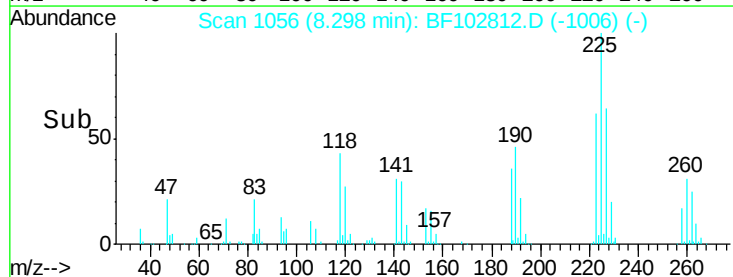
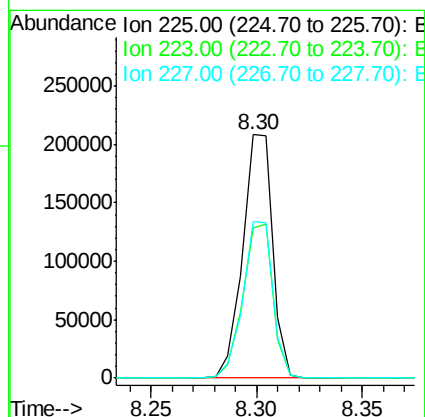
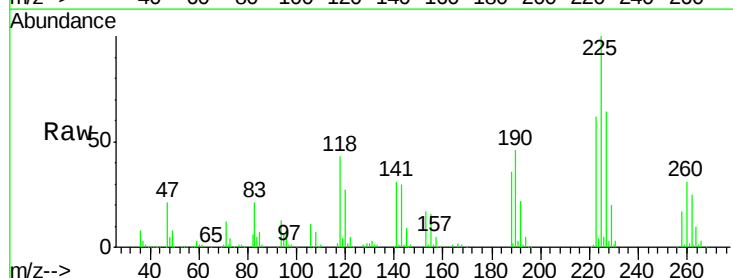
Instrument :
 BNA_F
 ClientSampleId :

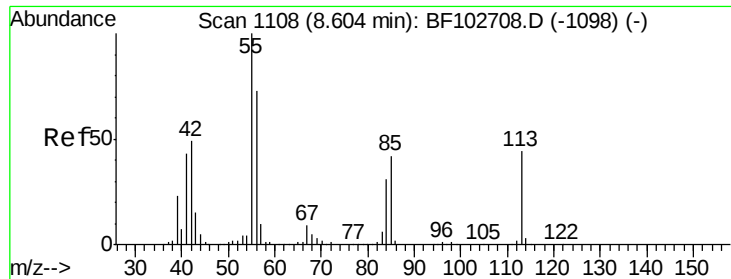
Tot Ion:	127	Resp:	296316
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	30.7	25.0	37.4
92	18.4	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 36.12 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

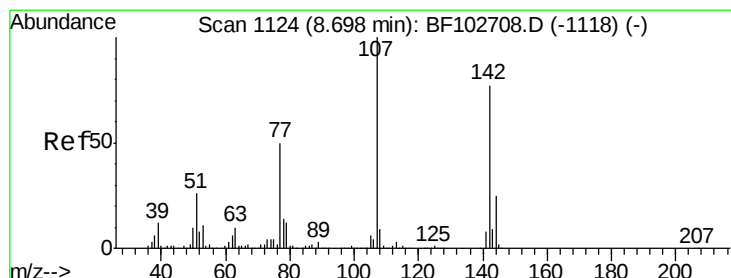
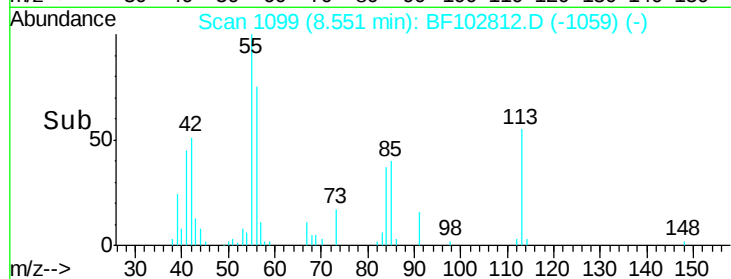
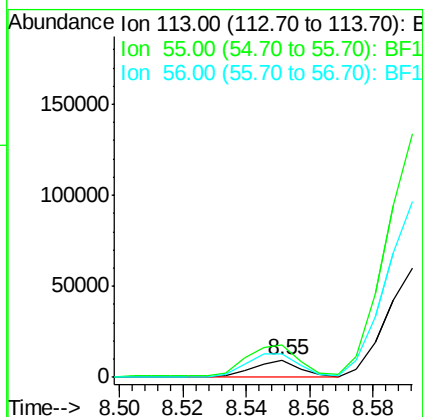
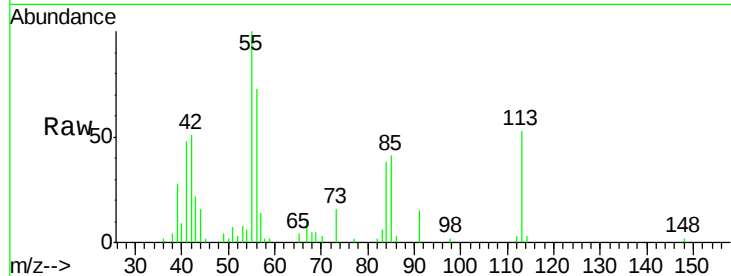




#35
 Caprolactam
 Concen: 2.92 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.06 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

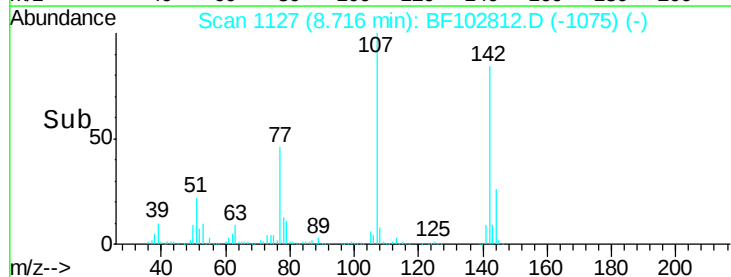
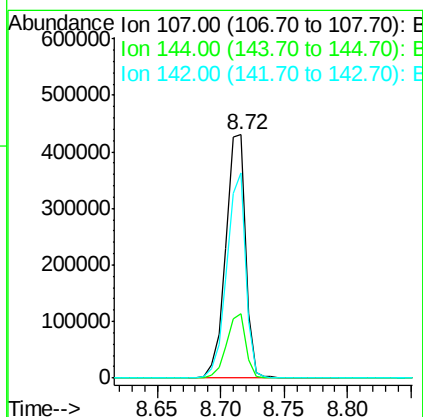
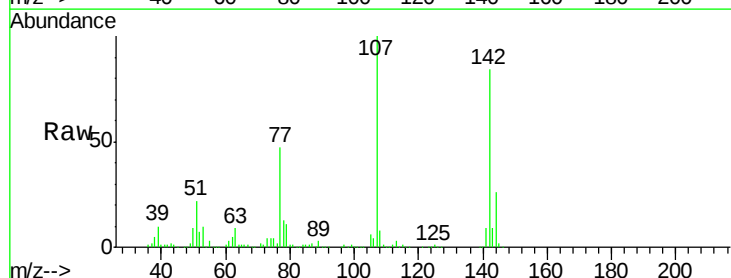
Instrument :
 BNA_F
 ClientSampleId :

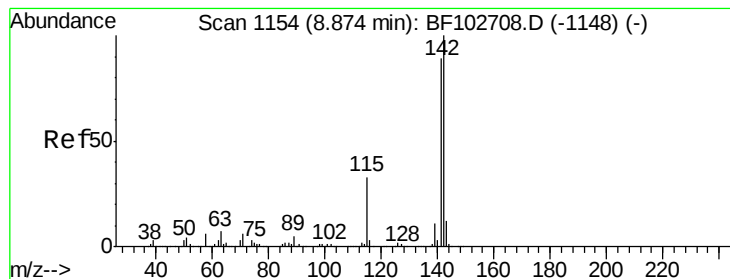
Tot Ion:113 Resp: 9916
 Ion Ratio Lower Upper
 113 100
 55 188.1 163.3 203.3
 56 136.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.75 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

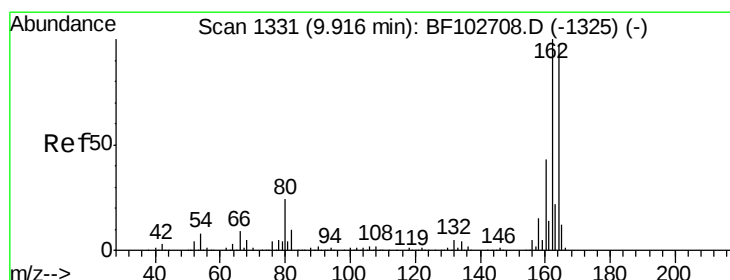
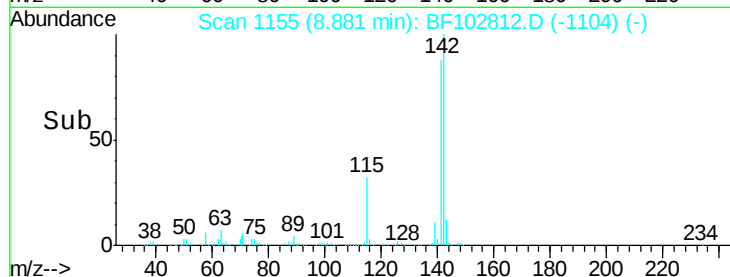
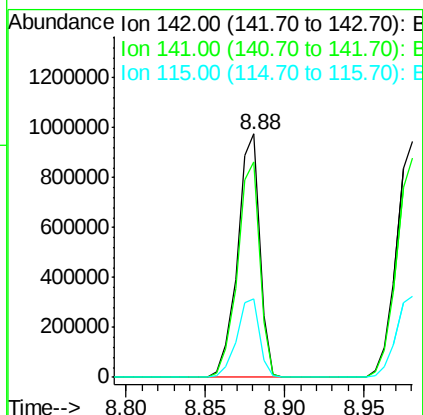
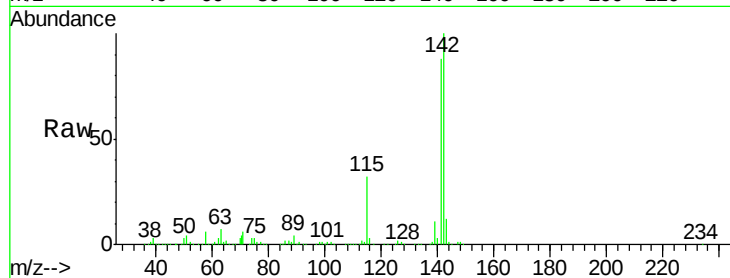




#37
2-Methylnaphthalene
Concen: 38.67 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

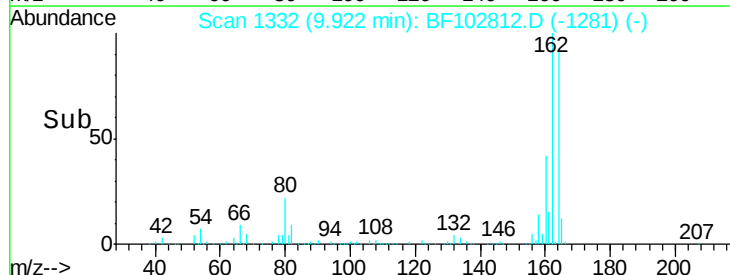
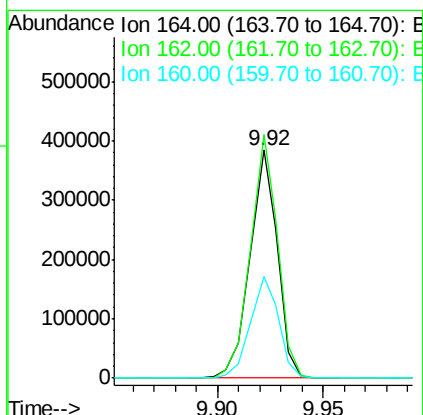
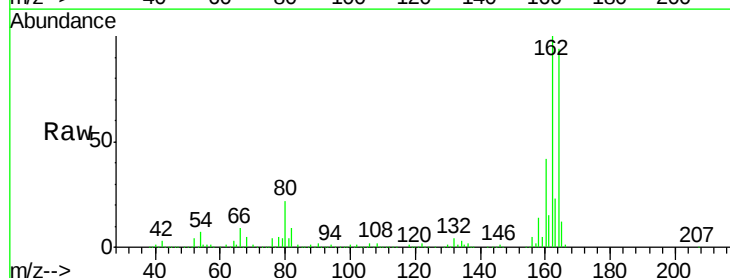
Instrument :
BNA_F
ClientSampleId :

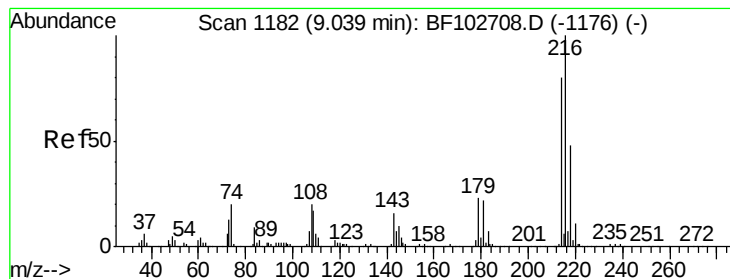
Tot Ion:142 Resp: 947718
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2
115 32.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.34 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

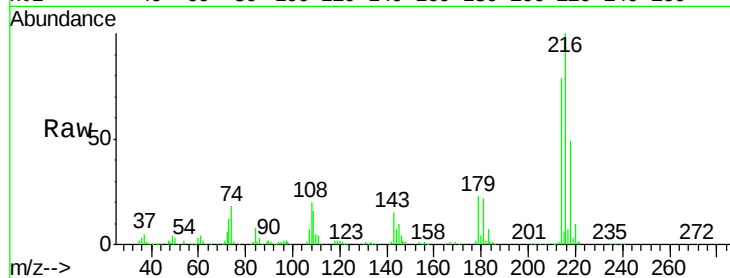
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 23.6 18.1 27.1

108 24.7 17.2 25.8

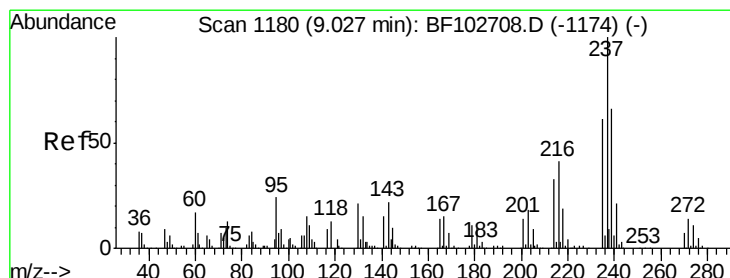
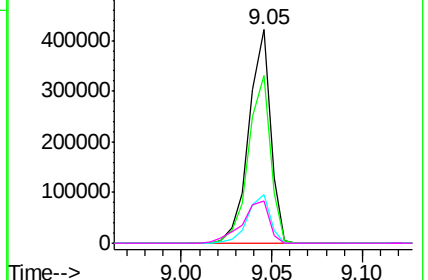
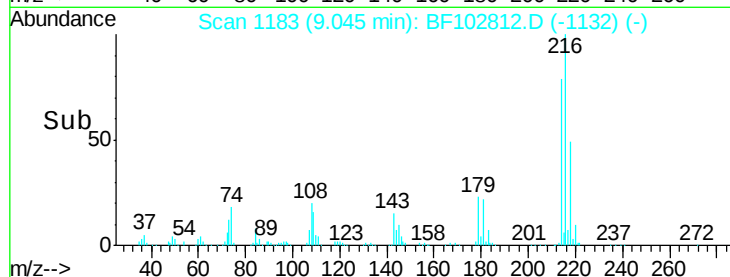


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.83 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

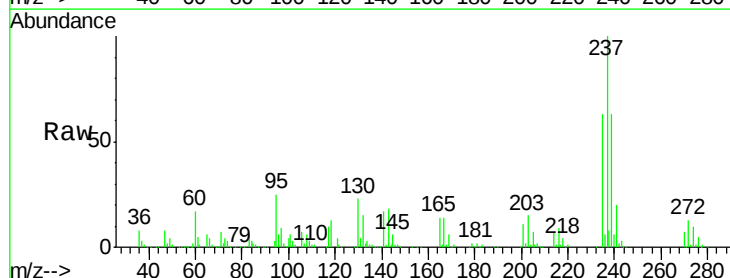
Tgt Ion:237 Resp: 343393

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

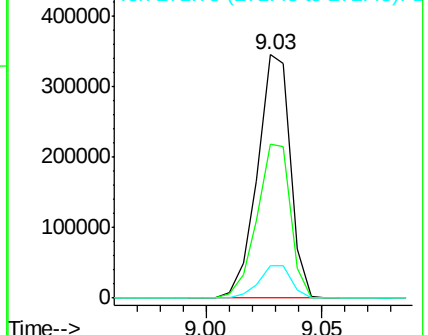
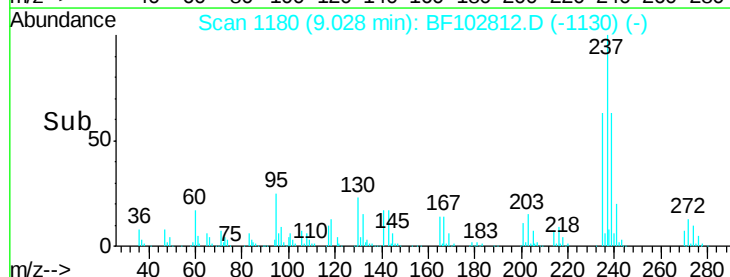
272 13.3 0.0 33.3

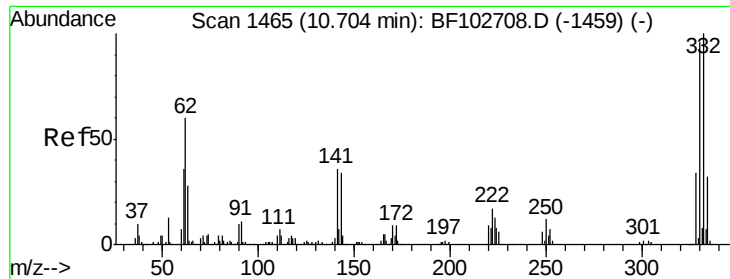


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

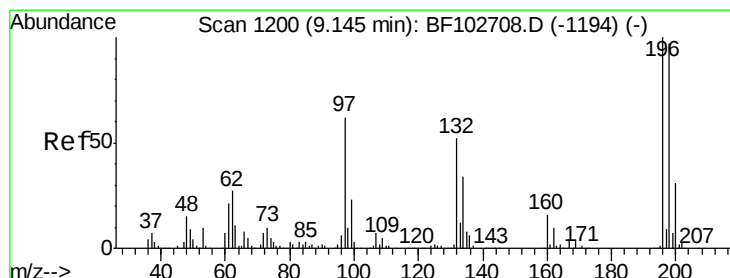
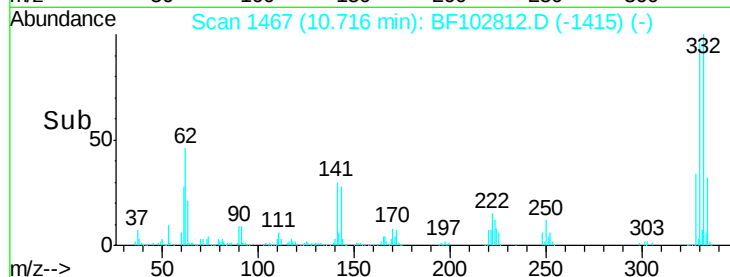
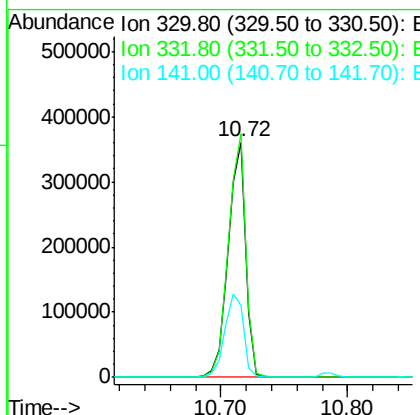
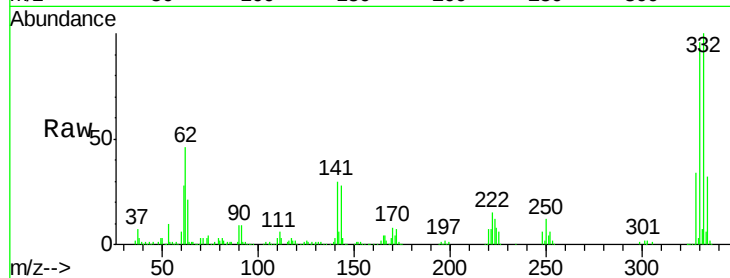




#41
 2,4,6-Tribromophenol
 Concen: 123.07 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

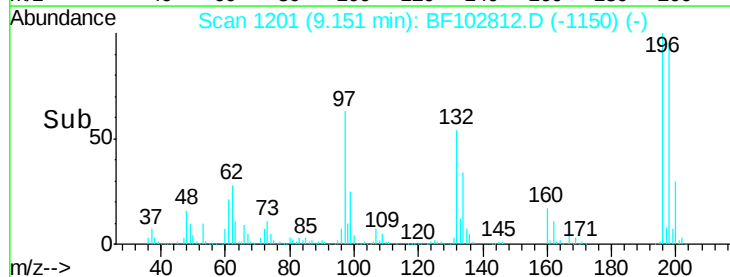
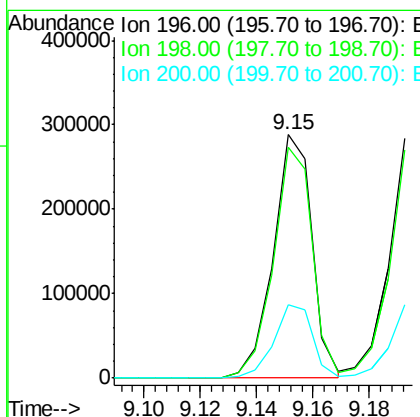
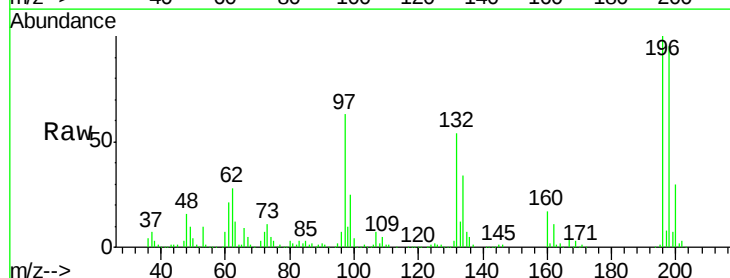
Instrument :
 BNA_F
 ClientSampled :

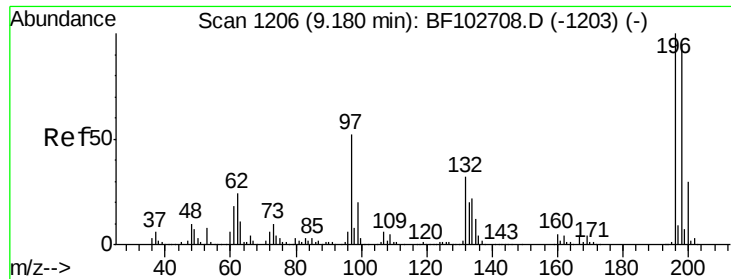
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.9	77.0	115.6
141	38.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.36 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	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	30.2	24.5	36.7

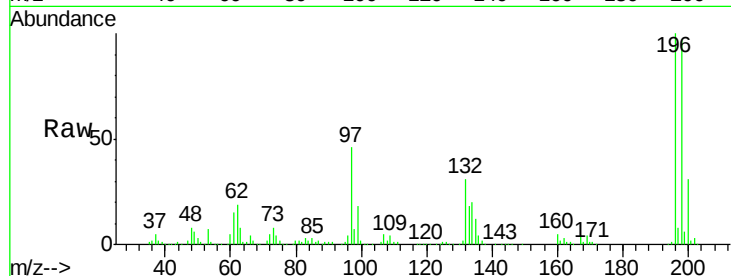




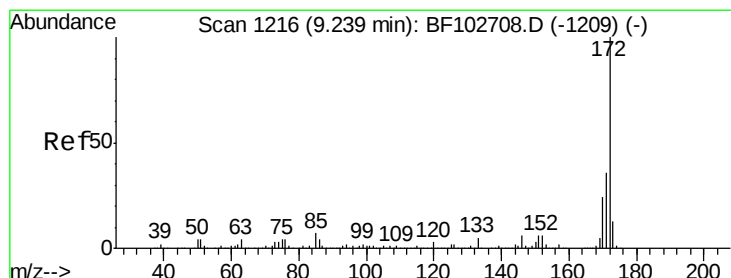
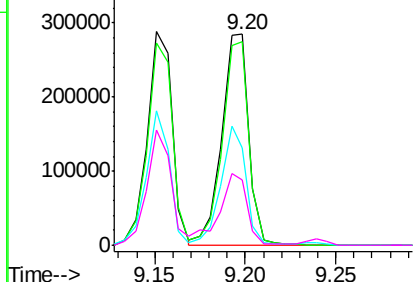
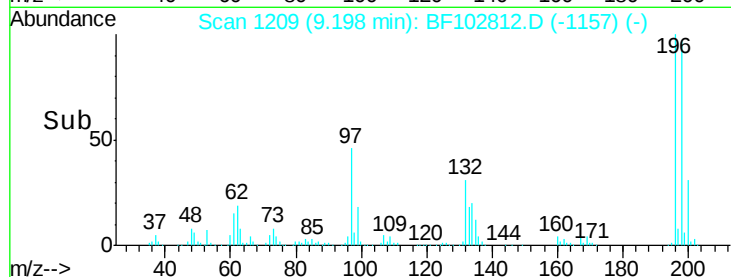
#43
 2,4,5-Trichlorophenol
 Concen: 42.39 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

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

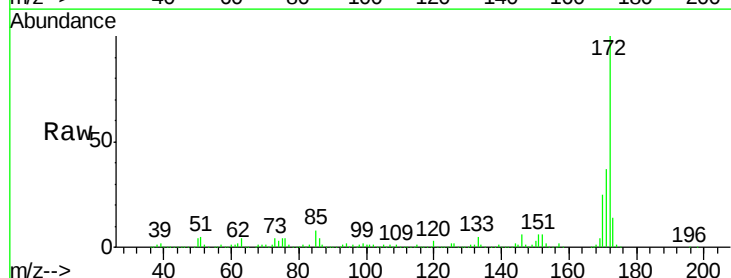


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

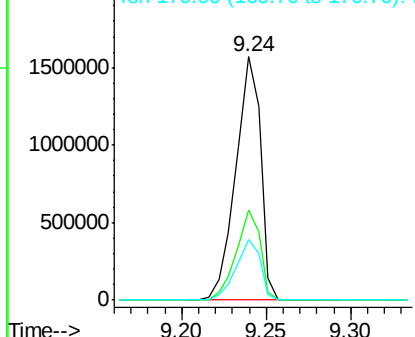
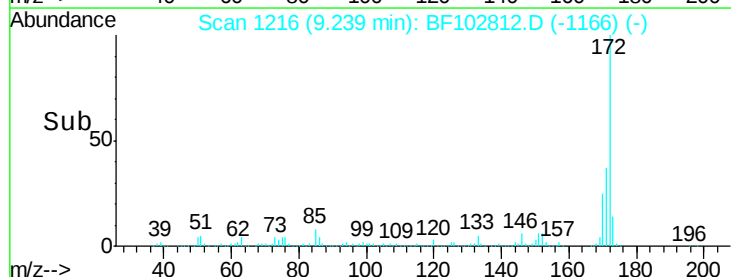


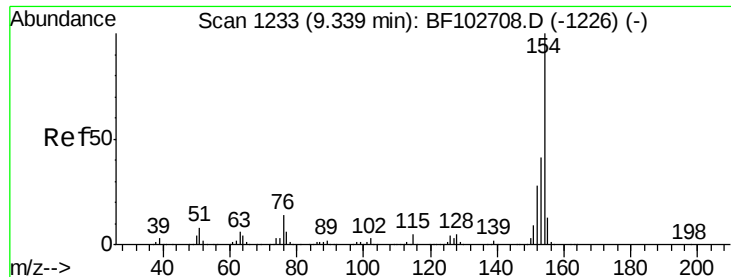
#44
 2-Fluorobiphenyl
 Concen: 77.14 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

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: 37.34 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 :

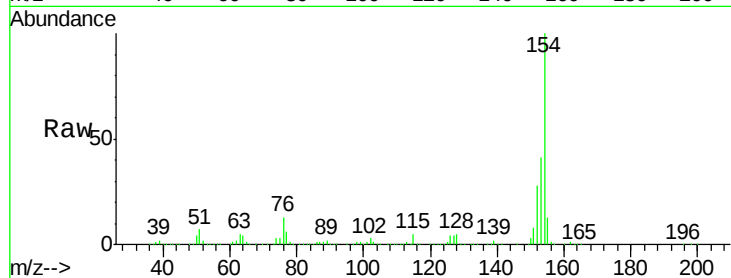
Tot Ion:154 Resp: 1085815

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

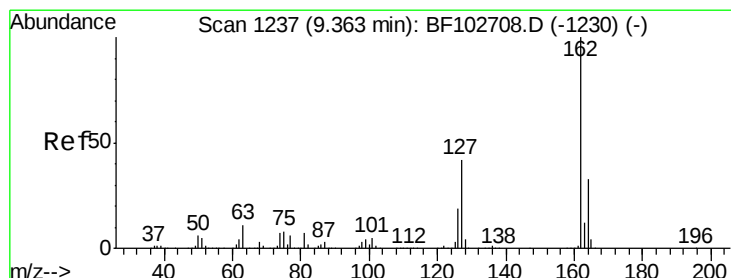
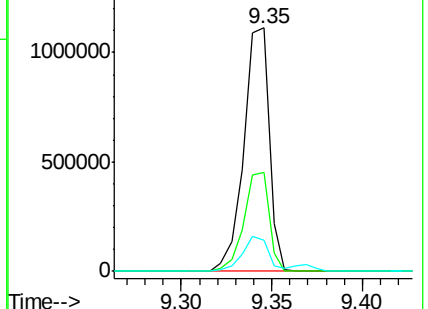
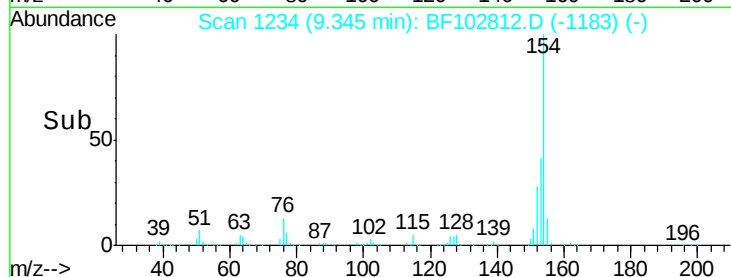
76 12.6 0.0 34.0



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: 37.99 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

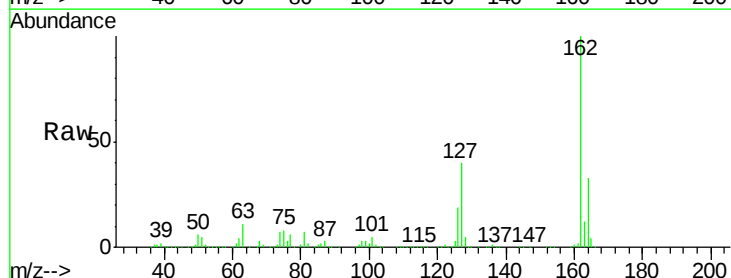
Tgt Ion:162 Resp: 869869

Ion Ratio Lower Upper

162 100

127 40.4 33.9 50.9

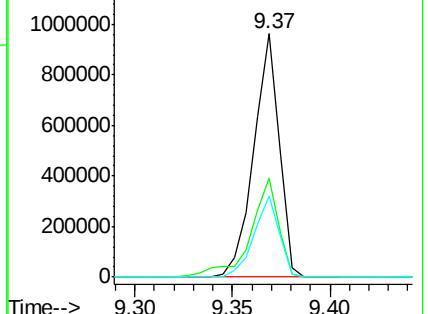
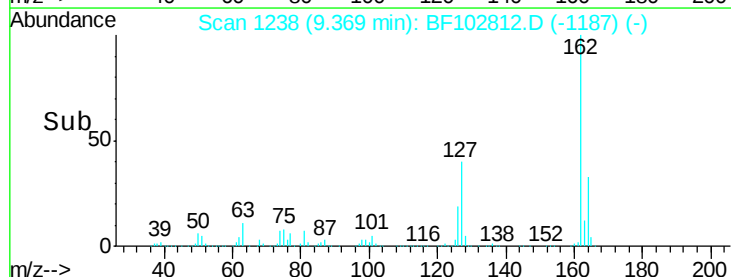
164 33.1 26.5 39.7

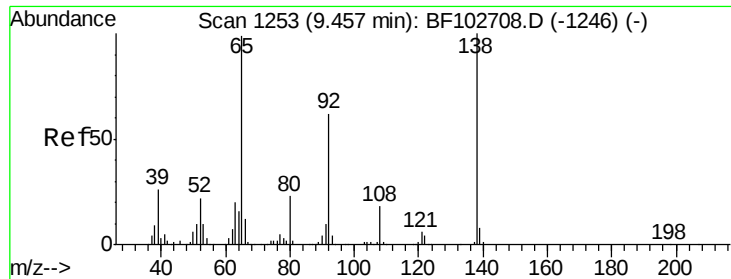


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.08 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 :

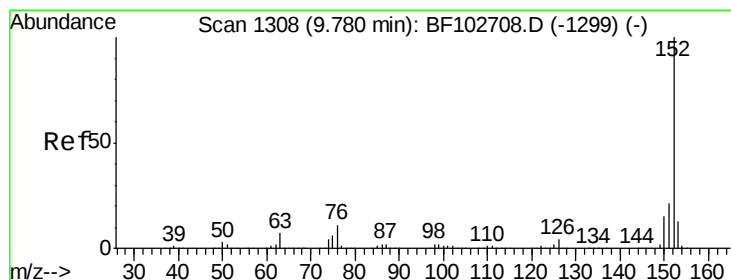
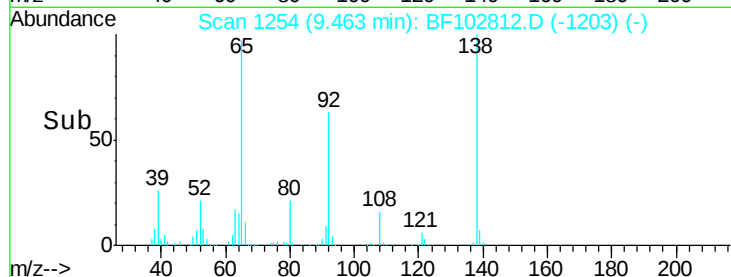
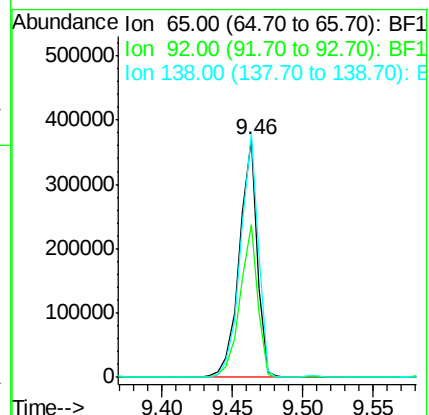
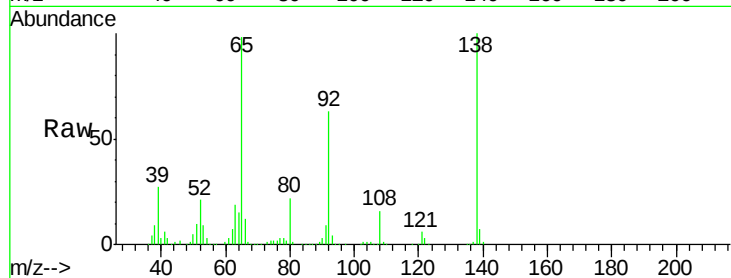
Tot Ion: 65 Resp: 324519

Ion Ratio Lower Upper

65 100

92 64.1 55.8 83.6

138 102.3 91.2 136.8



#48

Acenaphthylene

Concen: 37.45 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

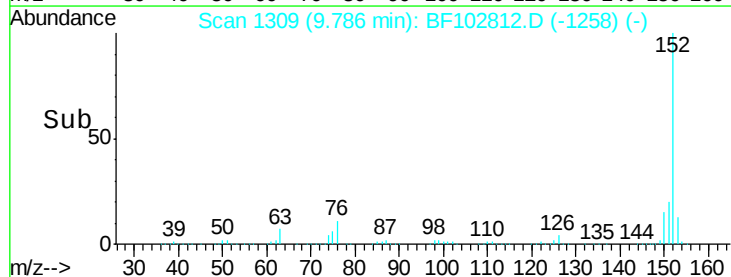
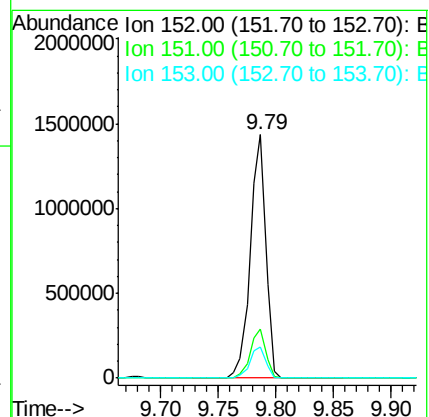
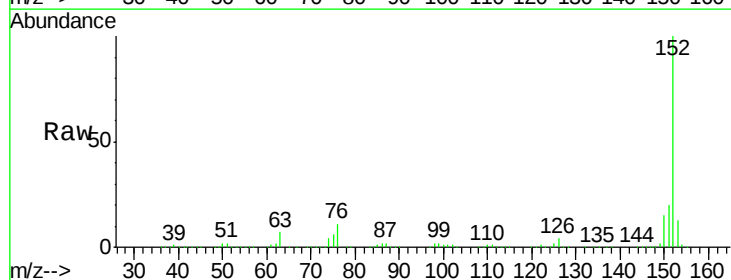
Tgt Ion: 152 Resp: 1331730

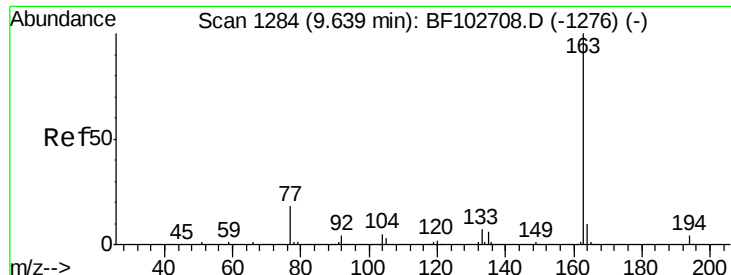
Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.0 10.7 16.1

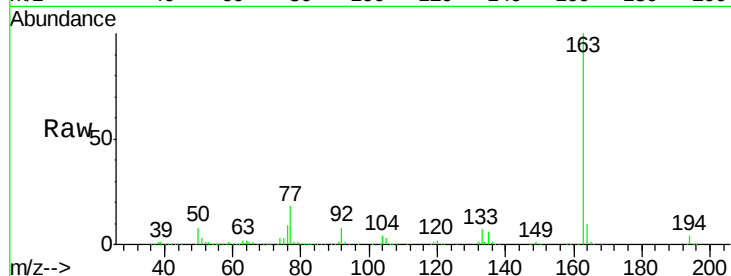




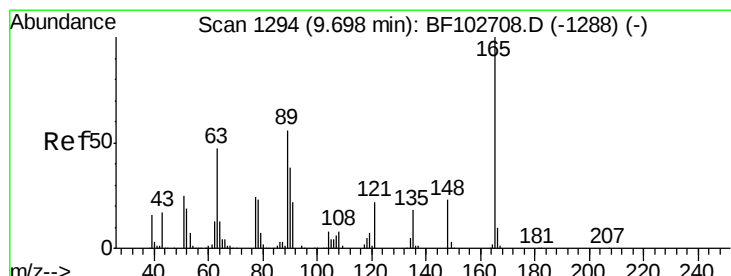
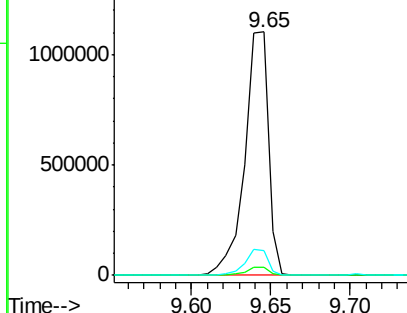
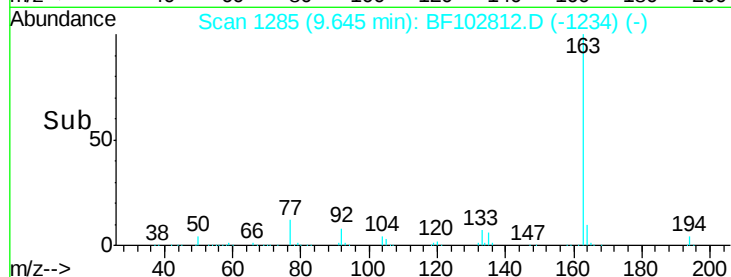
#49
Dimethylphthalate
Concen: 42.25 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

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

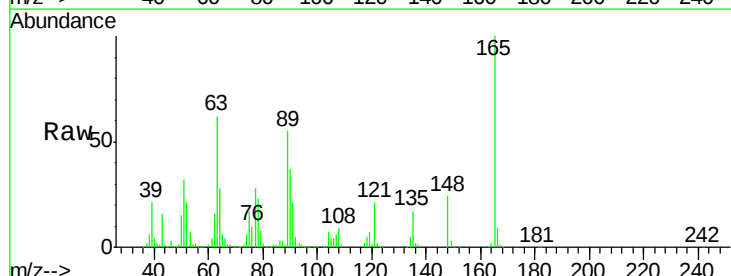


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

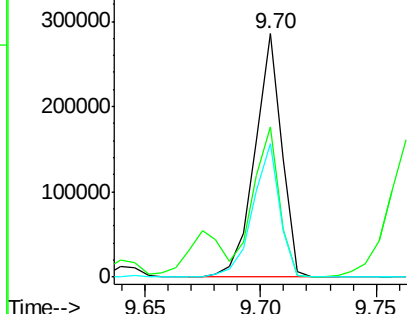
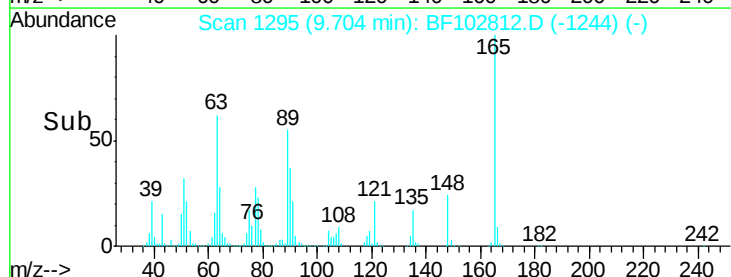


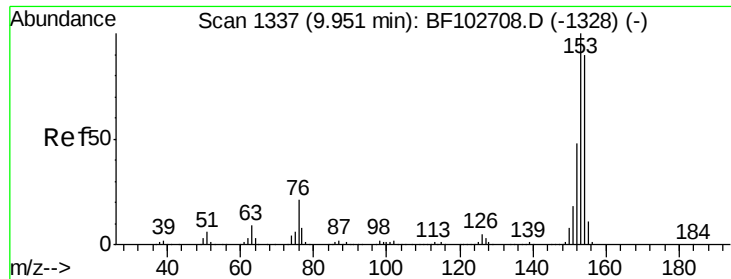
#50
2,6-Dinitrotoluene
Concen: 45.49 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

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: 36.79 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 :

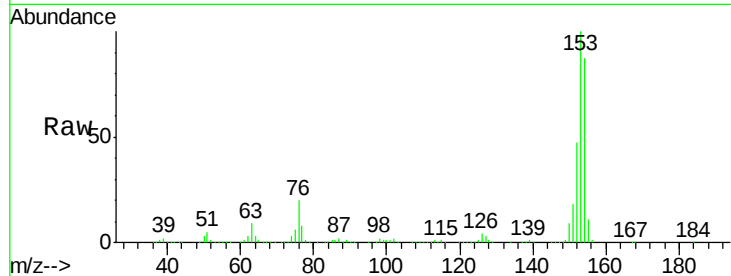
Tot Ion:154 Resp: 782418

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

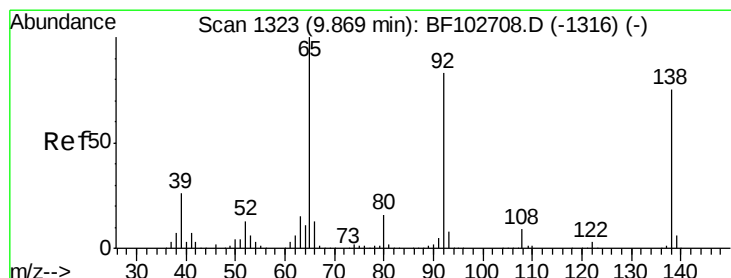
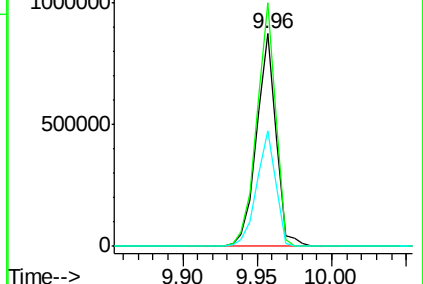
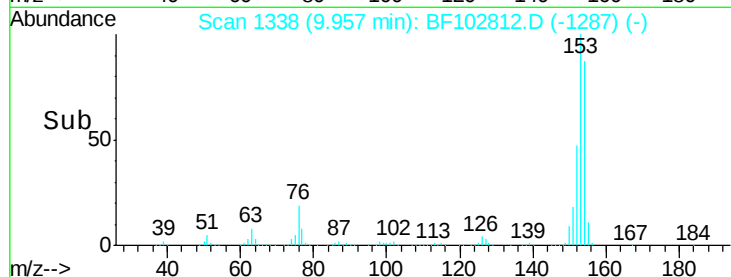
152 54.2 43.8 65.8



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: 33.26 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

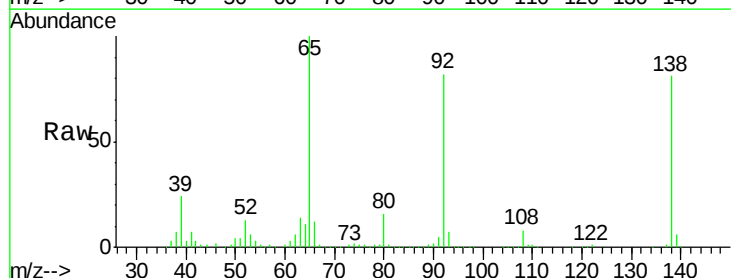
Tgt Ion:138 Resp: 209624

Ion Ratio Lower Upper

138 100

108 9.3 9.4 14.0#

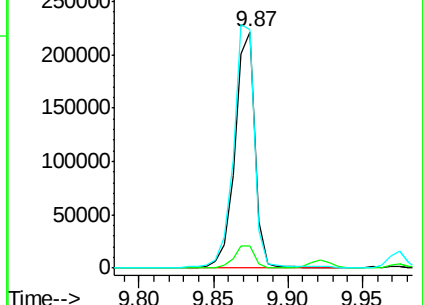
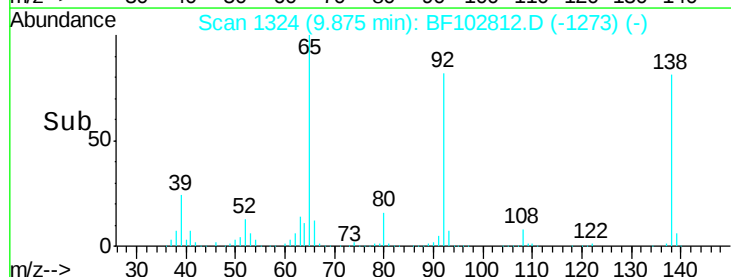
92 101.1 89.4 134.2

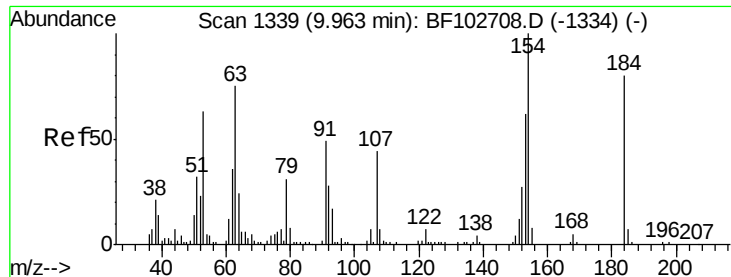


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

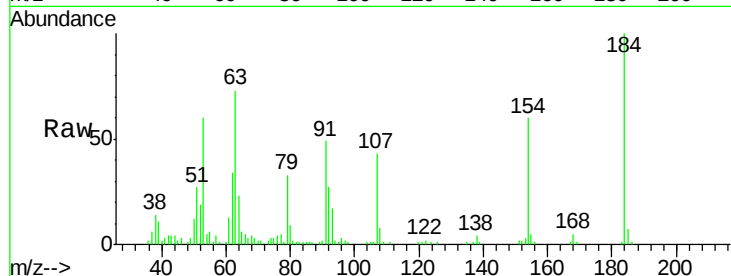




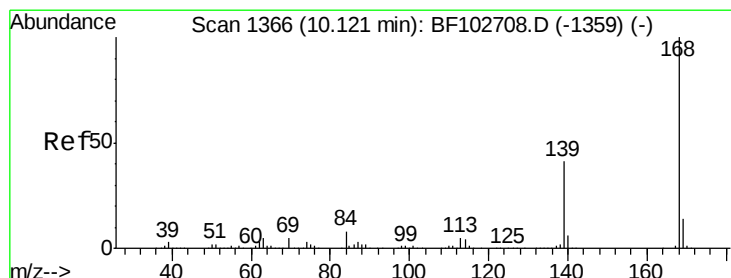
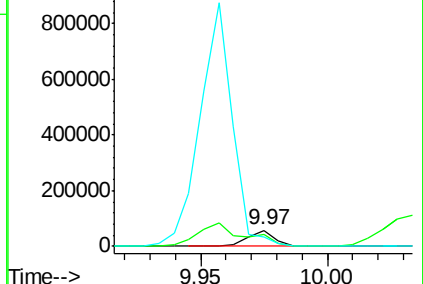
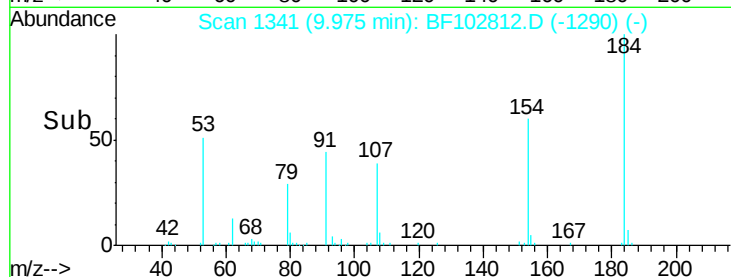
#53
2,4-Dinitrophenol
Concen: 40.83 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

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#

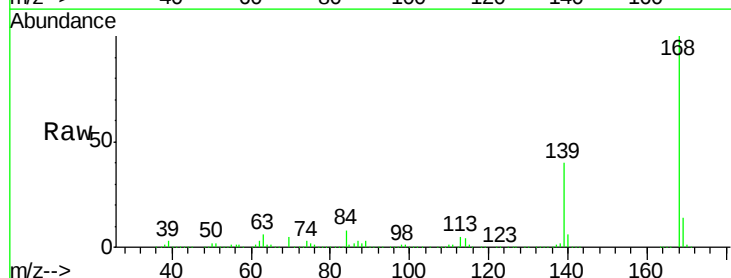


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

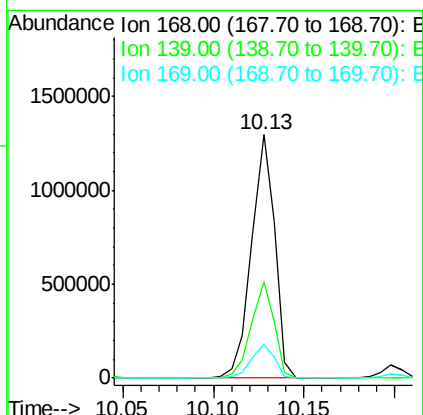
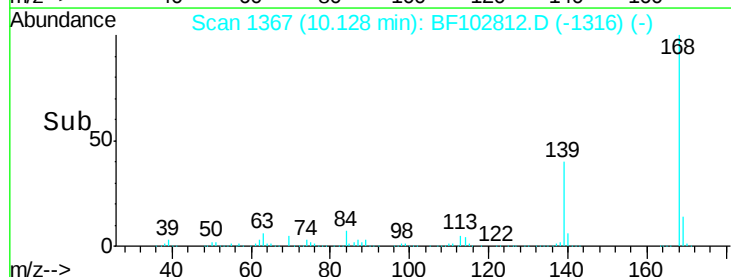


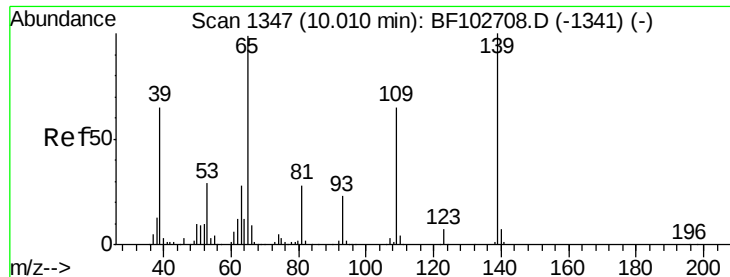
#54
Dibenzofuran
Concen: 38.58 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

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



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

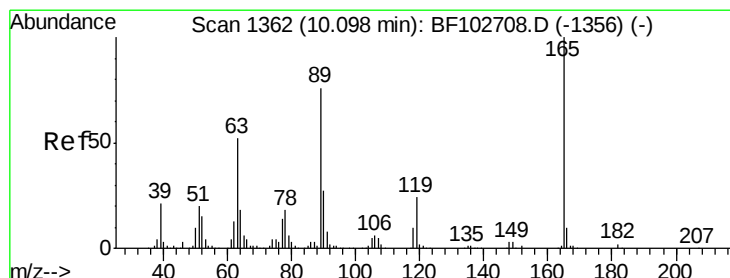
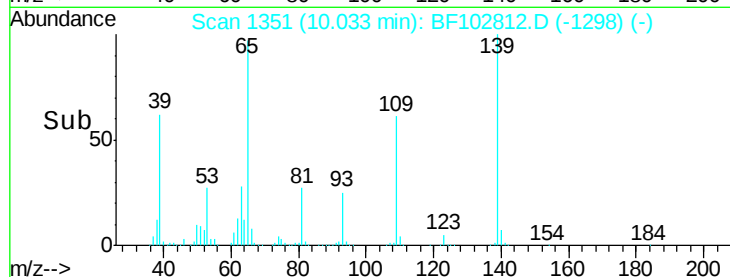
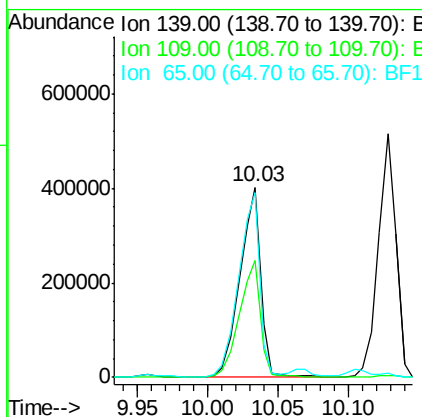
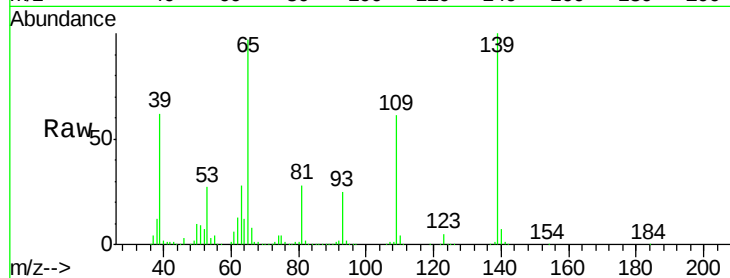




#55
4-Nitrophenol
Concen: 79.75 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

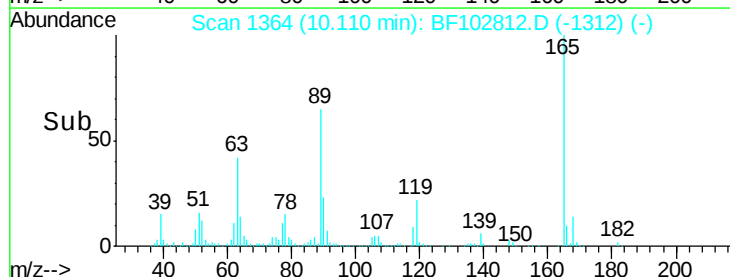
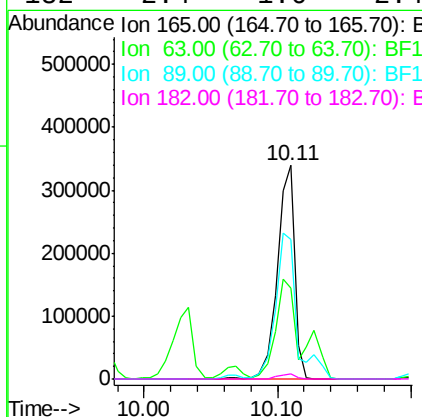
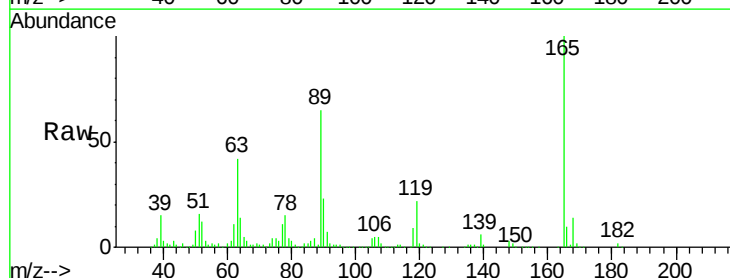
Instrument :
BNA_F
ClientSampleId :

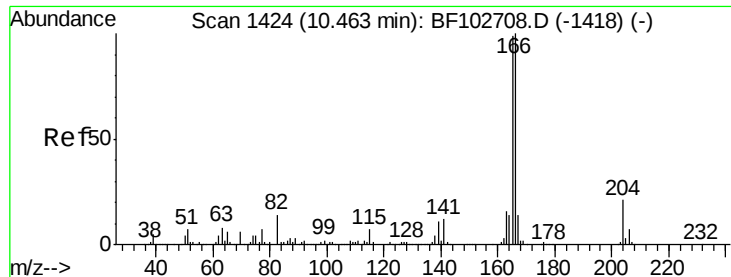
Tot Ion:139 Resp: 412969
Ion Ratio Lower Upper
139 100
109 61.2 48.4 88.4
65 97.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.53 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

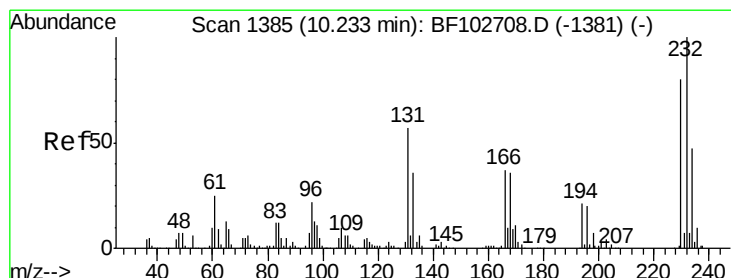
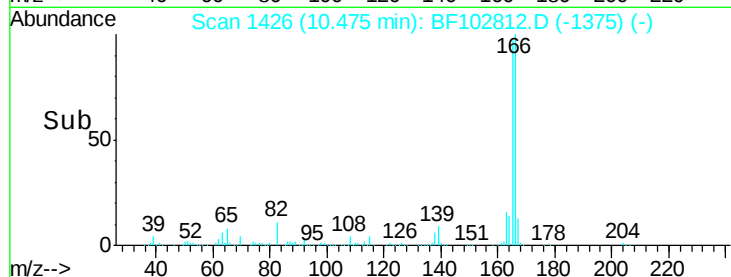
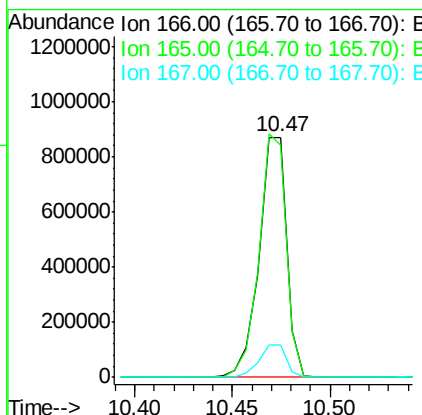
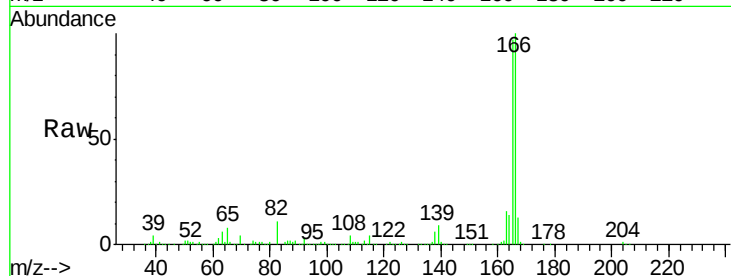




#57
 Fluorene
 Concen: 39.22 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

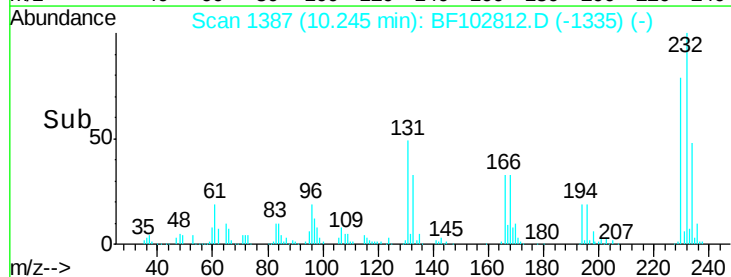
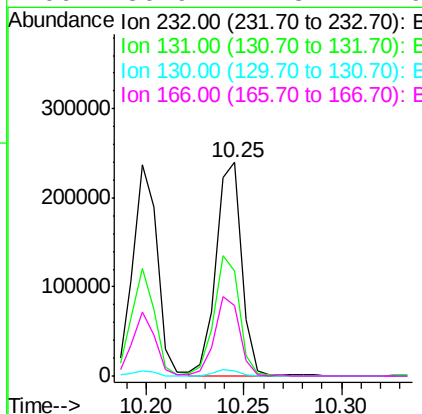
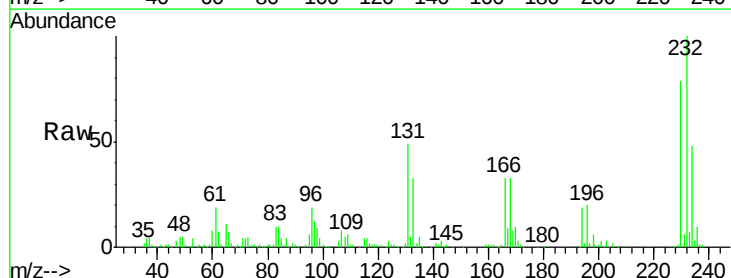
Instrument :
 BNA_F
 ClientSampleId :

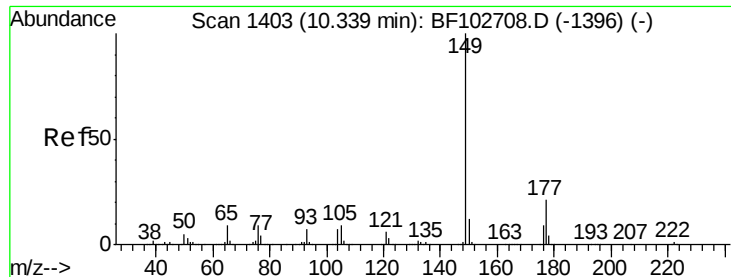
Tot Ion:166 Resp: 855302
 Ion Ratio Lower Upper
 166 100
 165 96.6 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.35 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

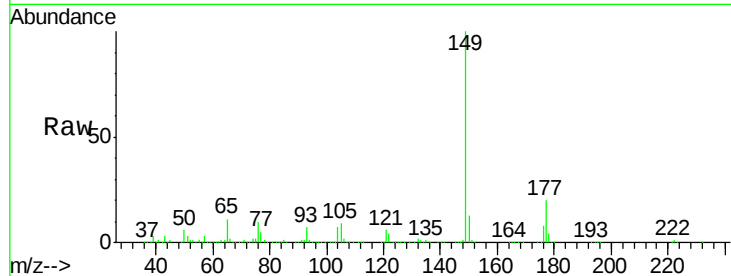




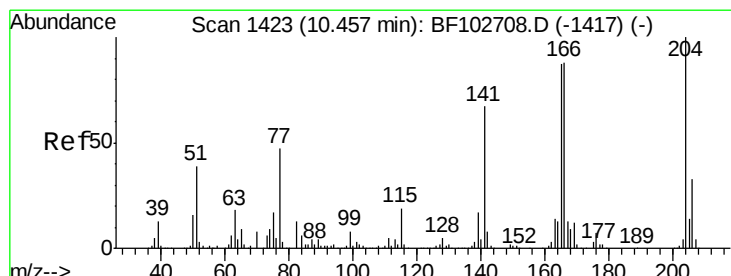
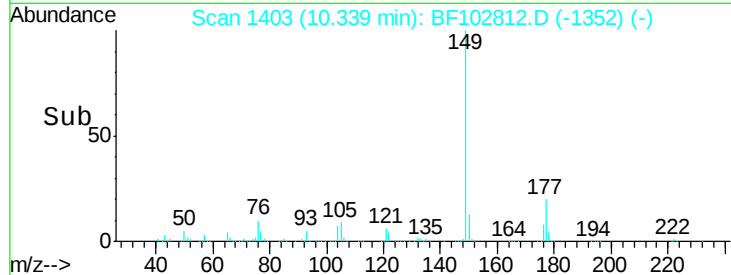
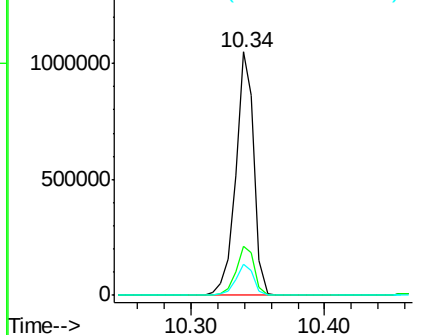
#59
Diethylphthalate
Concen: 37.44 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 995396
Ion Ratio Lower Upper
149 100
177 20.4 16.1 24.1
150 12.6 10.1 15.1

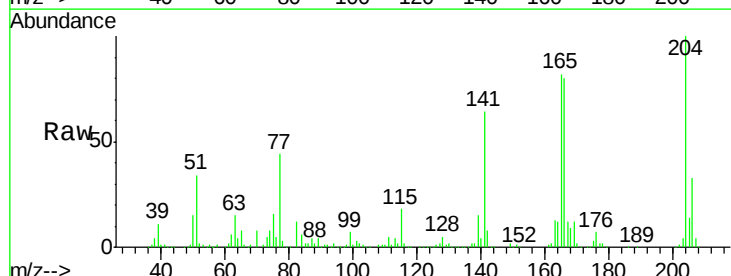


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

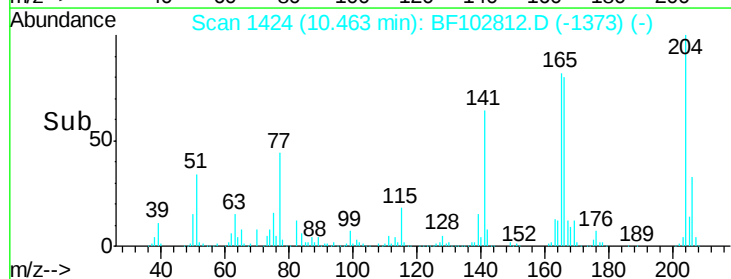
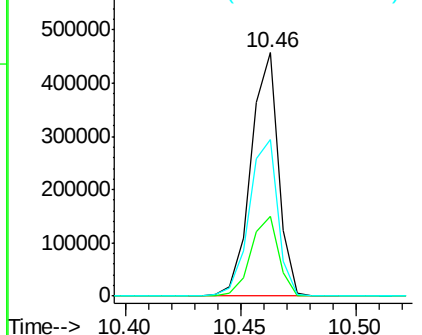


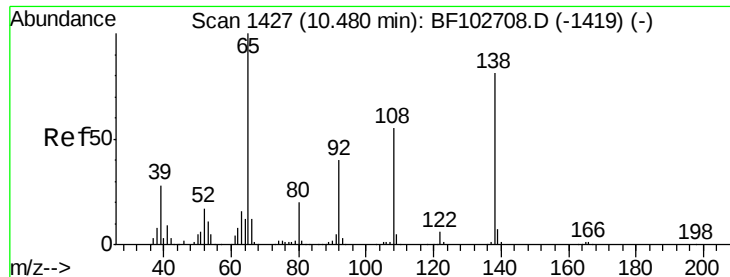
#60
4-Chlorophenyl-phenylether
Concen: 39.50 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion:204 Resp: 380999
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

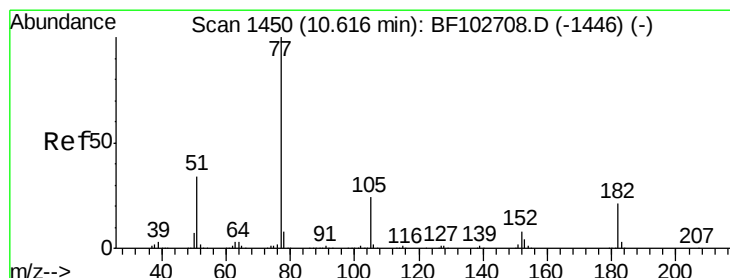
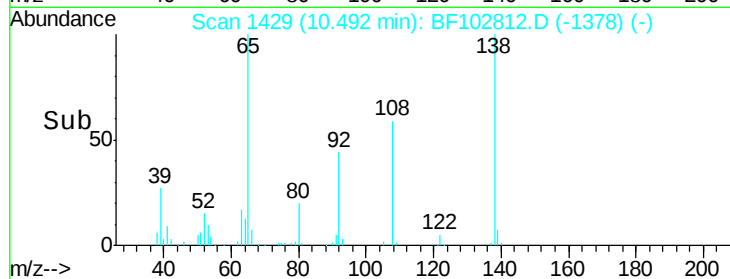
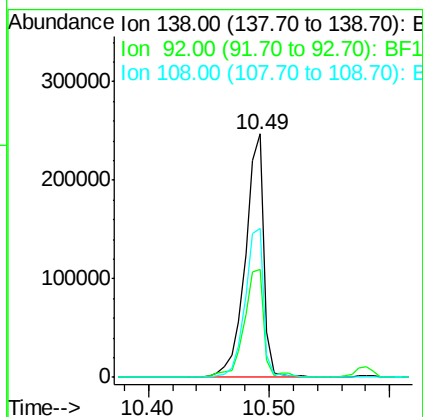
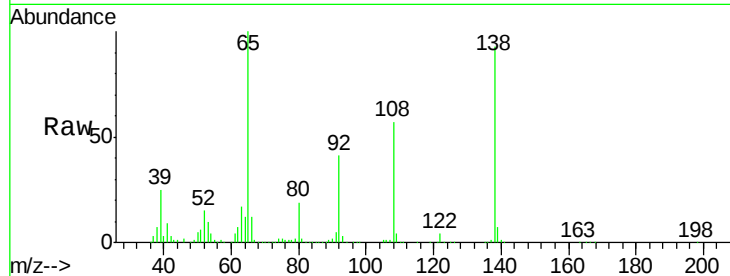




#61
4-Nitroaniline
Concen: 44.19 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

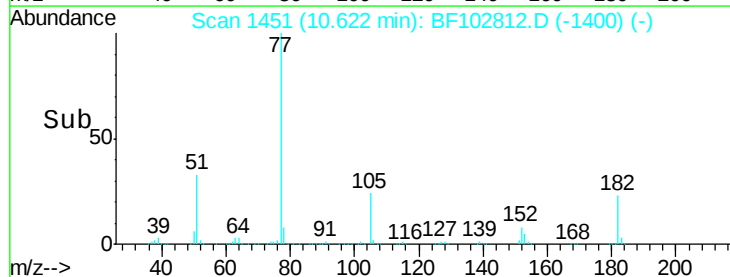
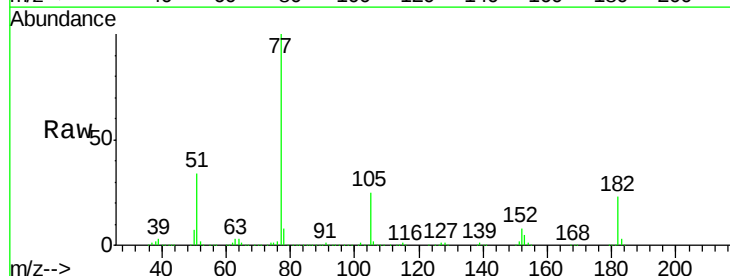
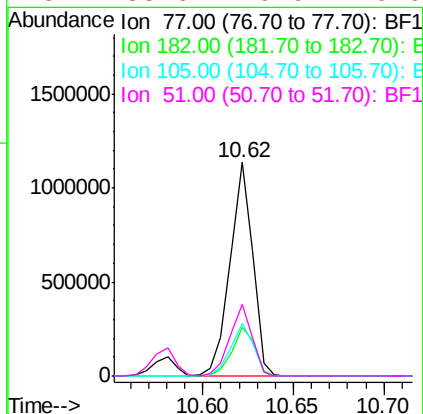
Instrument :
BNA_F
ClientSampleId :

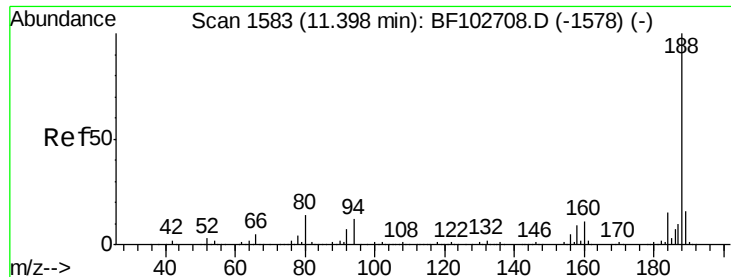
Tot Ion:138 Resp: 265081
Ion Ratio Lower Upper
138 100
92 44.1 30.2 70.2
108 61.0 52.5 92.5



#62
Azobenzene
Concen: 37.35 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

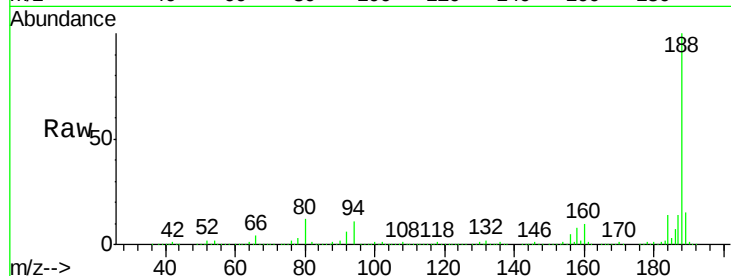




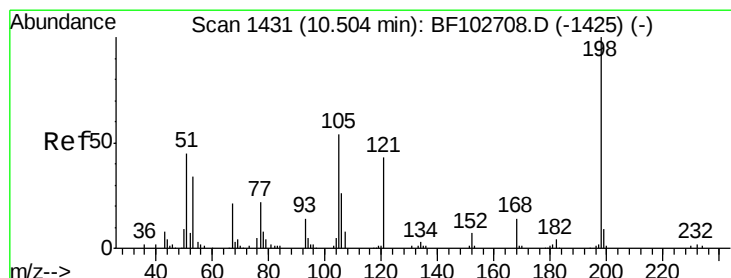
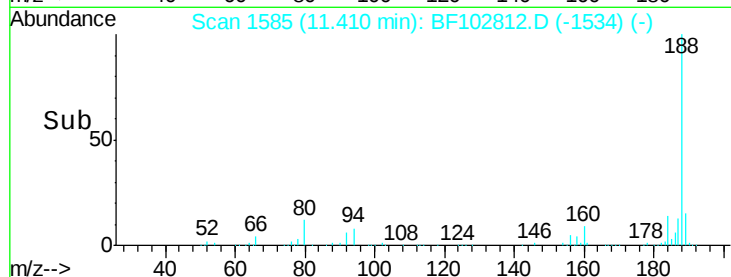
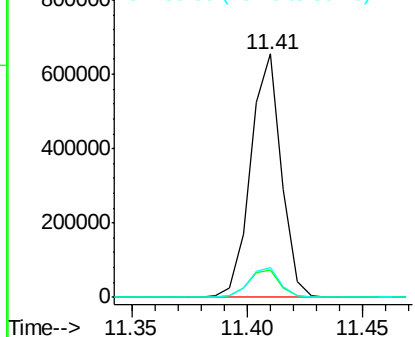
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

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

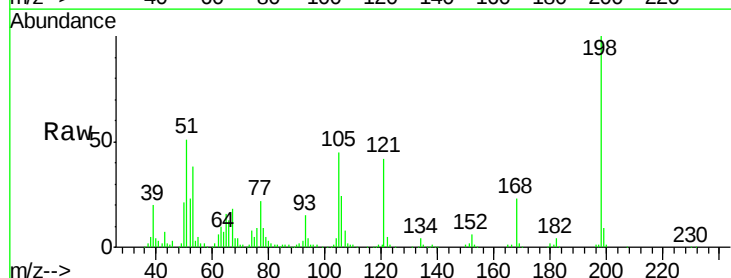


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

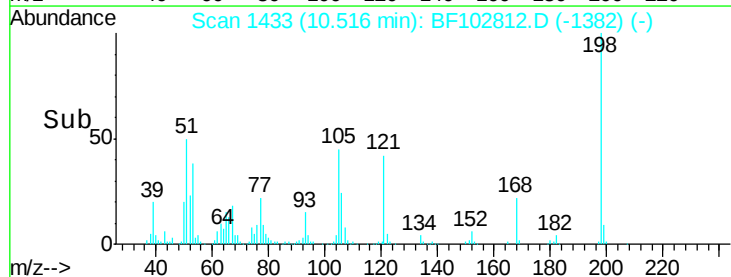
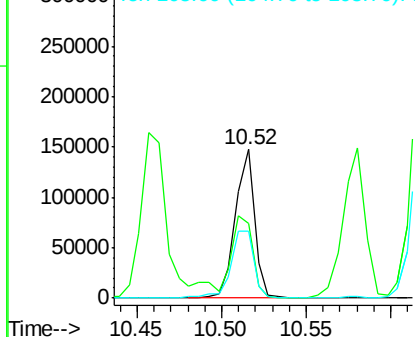


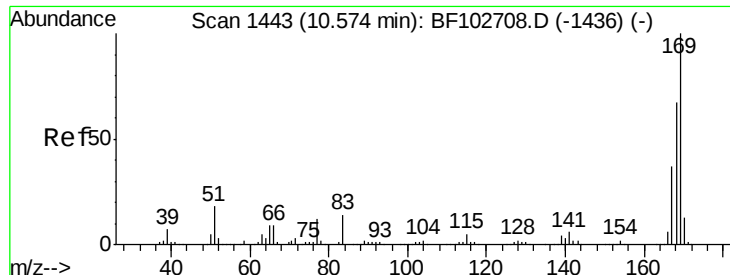
#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.63 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

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

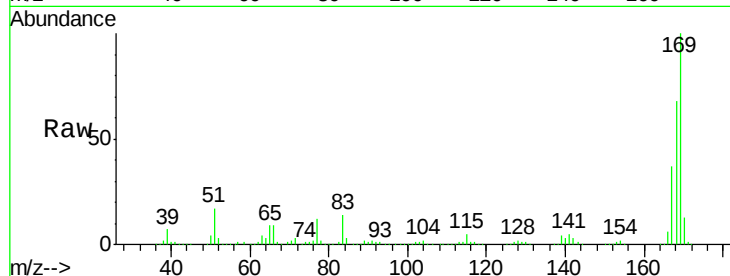




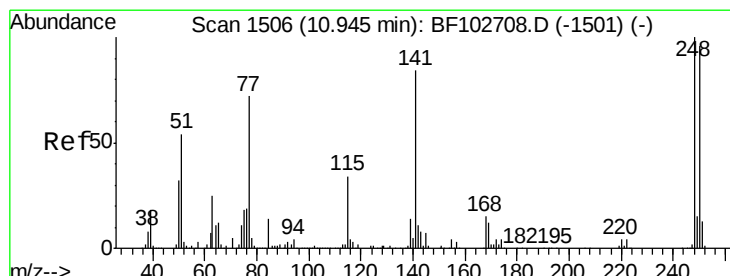
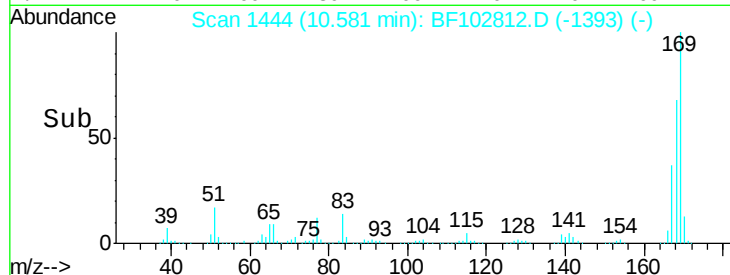
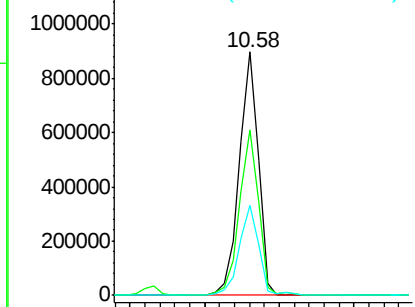
#65
n-Nitrosodiphenylamine
Concen: 37.58 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

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

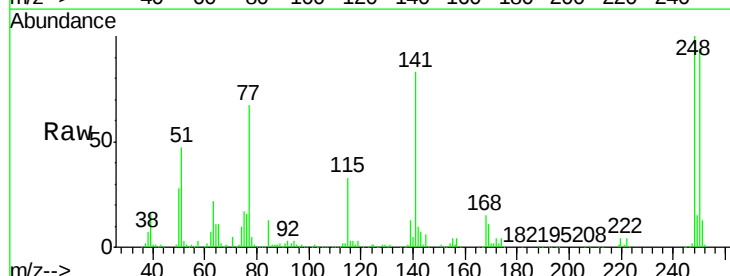


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

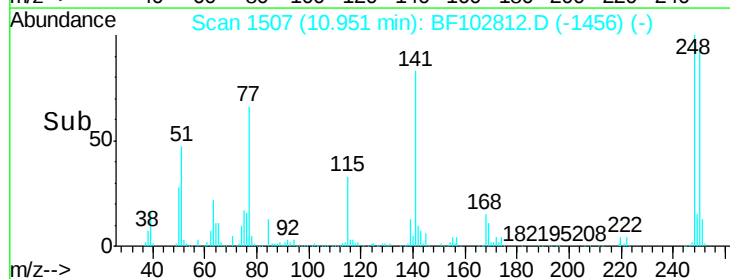
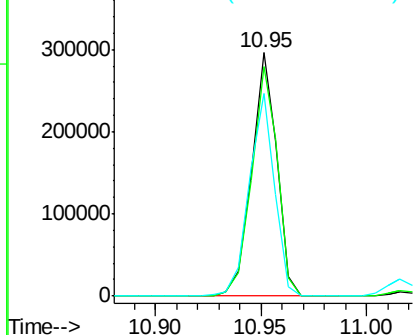


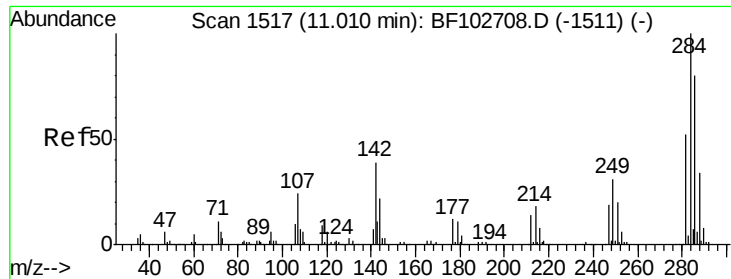
#66
4-Bromophenyl-phenylether
Concen: 38.35 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

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: 36.89 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 :

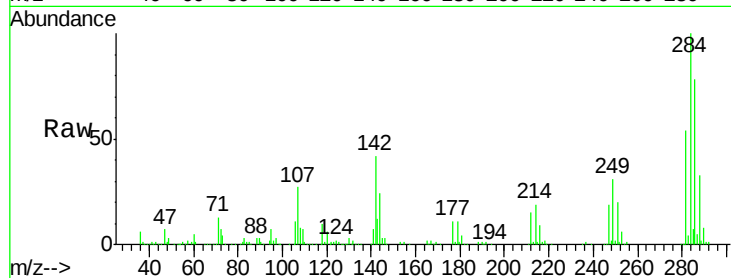
Tot Ion:284 Resp: 260749

Ion Ratio Lower Upper

284 100

142 42.4 34.6 52.0

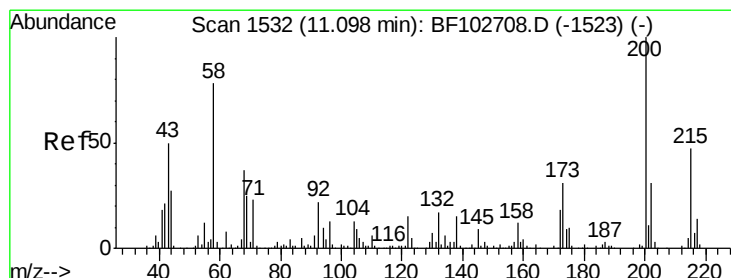
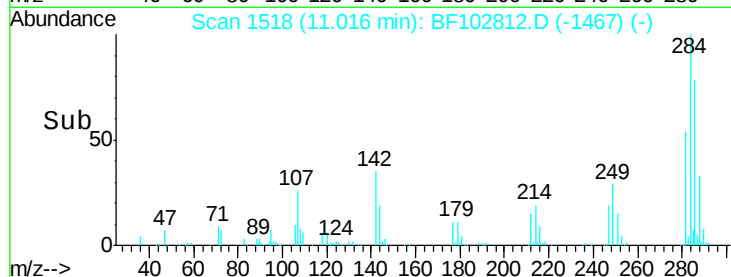
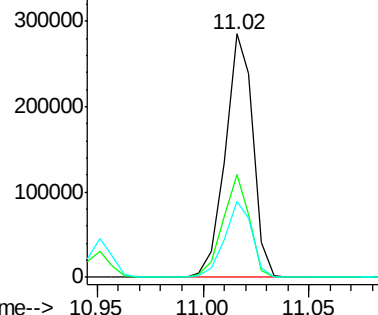
249 31.2 24.8 37.2



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: 39.39 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

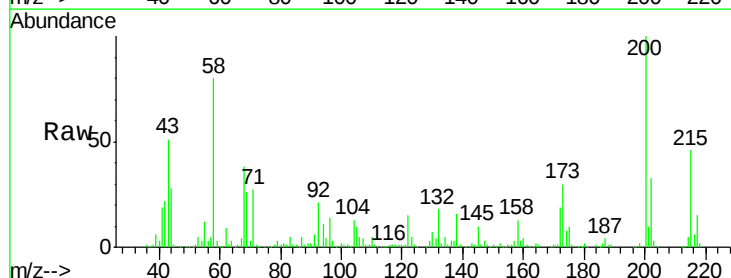
Tgt Ion:200 Resp: 248255

Ion Ratio Lower Upper

200 100

173 30.1 8.6 48.6

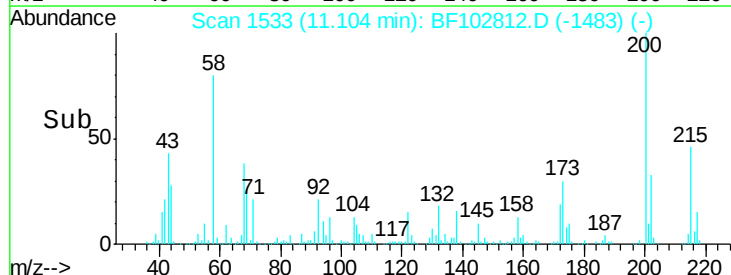
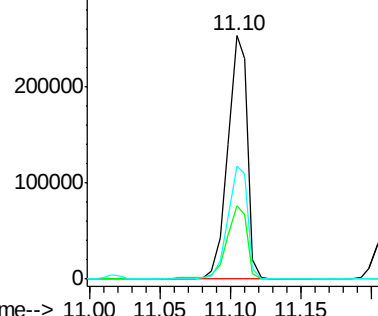
215 46.4 25.1 65.1

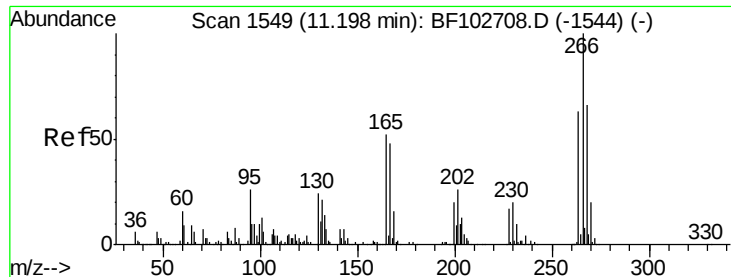


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

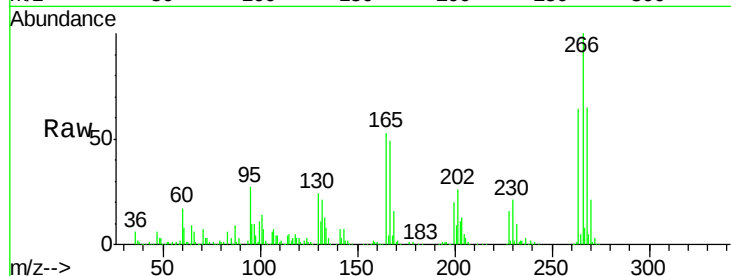




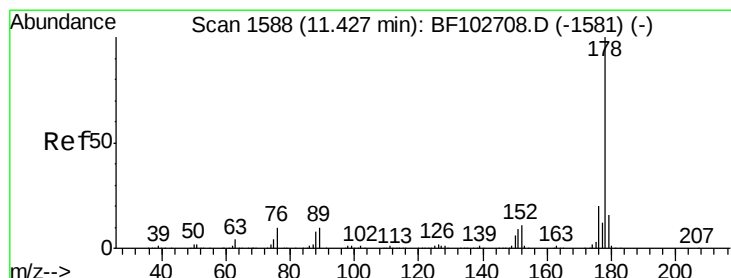
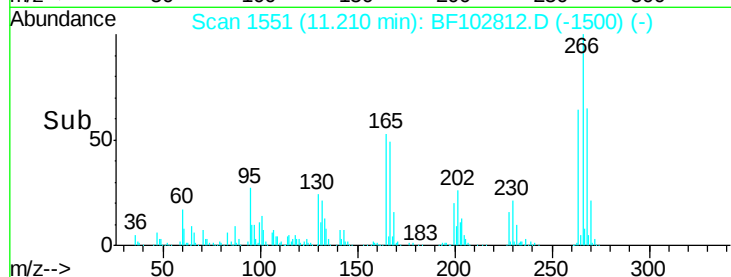
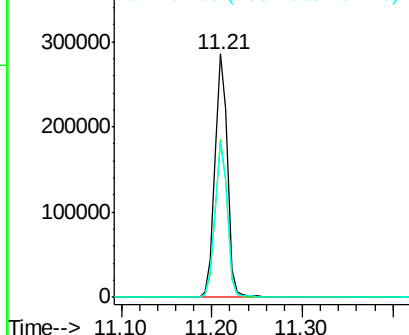
#69
 Pentachlorophenol
 Concen: 66.79 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

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

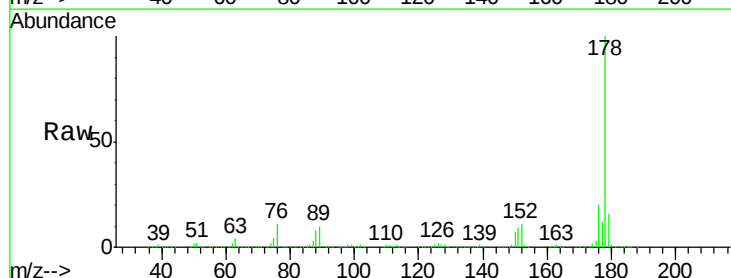


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

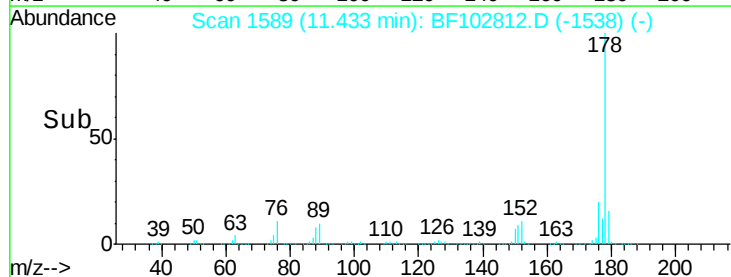
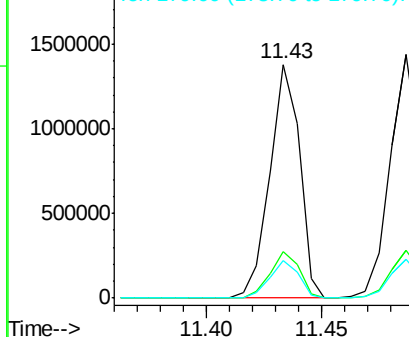


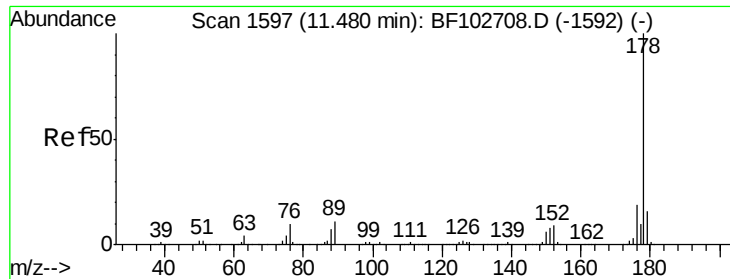
#70
 Phenanthrene
 Concen: 36.83 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

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

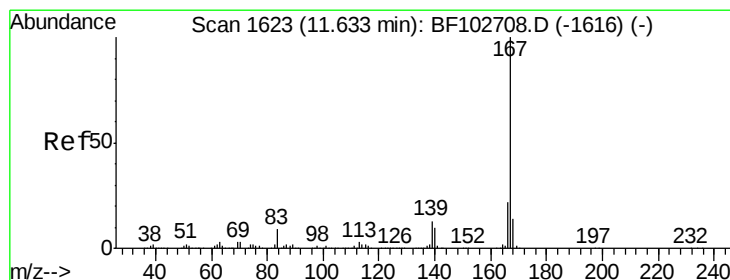
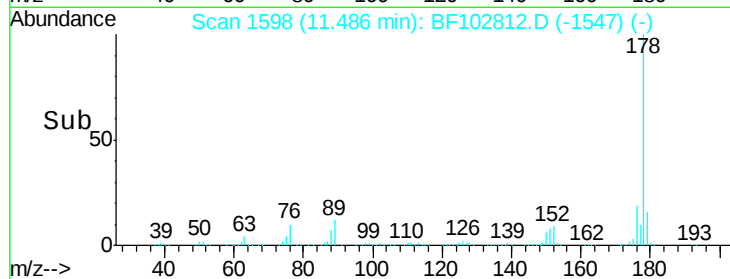
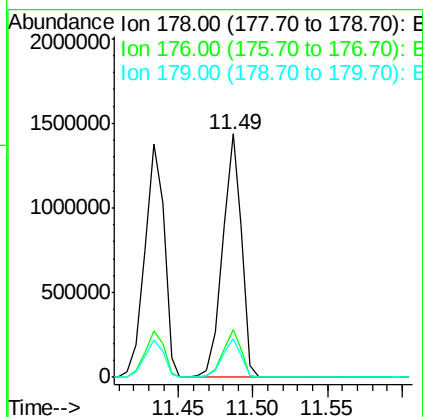
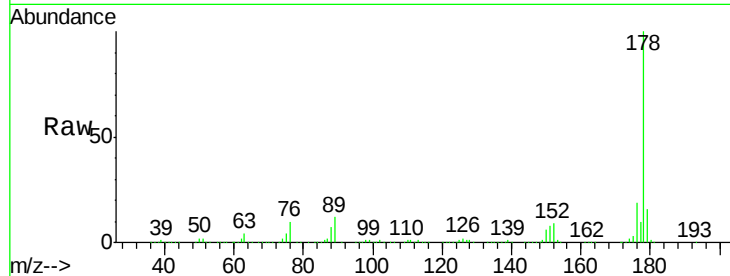




#71
 Anthracene
 Concen: 37.41 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

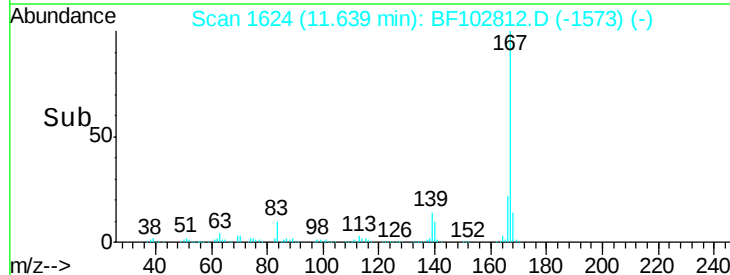
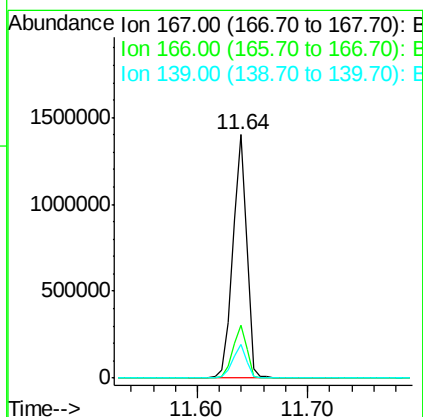
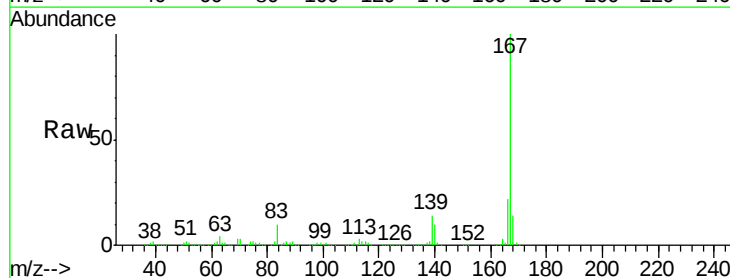
Instrument :
 BNA_F
 ClientSampleId :

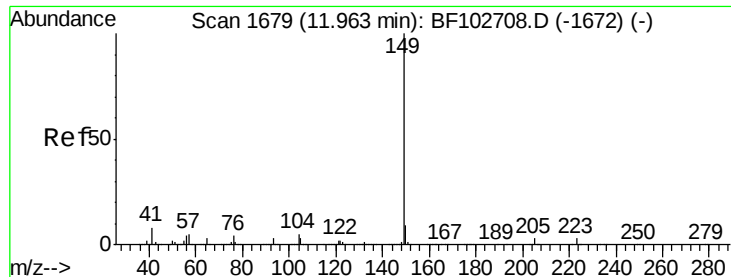
Tot Ion:178 Resp: 1283252
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 37.01 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: 37.19 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 :

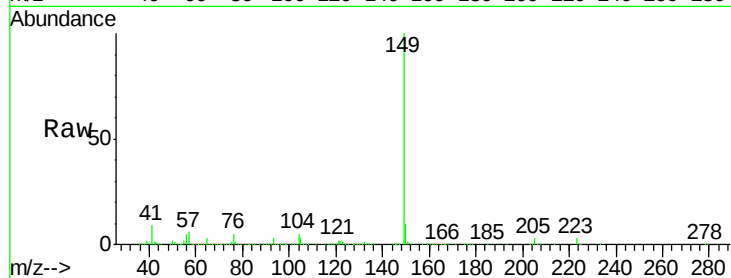
Tot Ion:149 Resp: 1518536

Ion Ratio Lower Upper

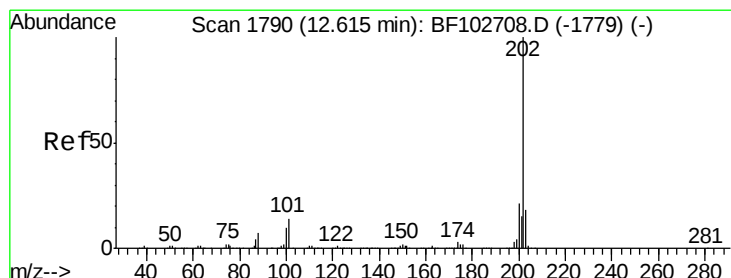
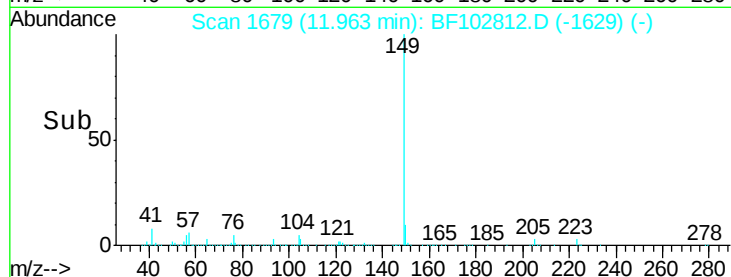
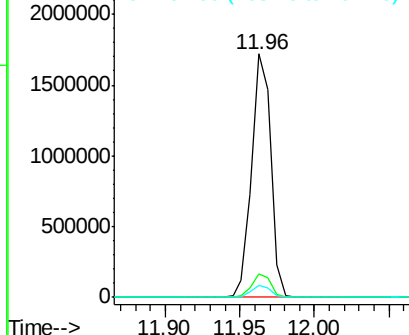
149 100

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: 37.00 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

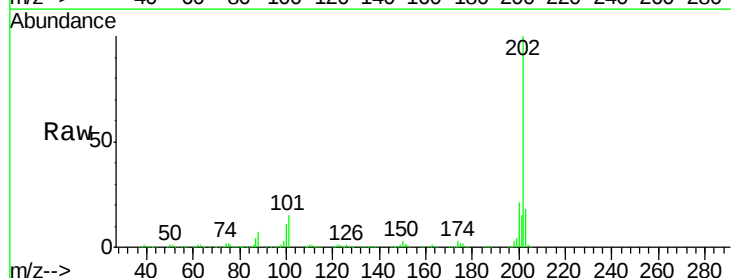
Tgt Ion:202 Resp: 1255761

Ion Ratio Lower Upper

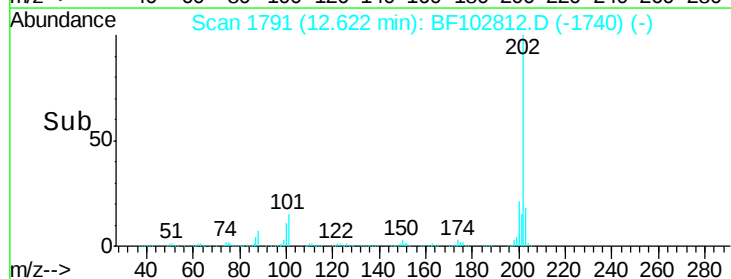
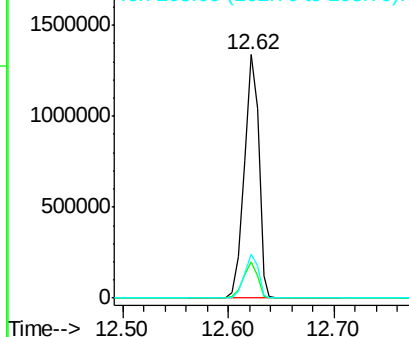
202 100

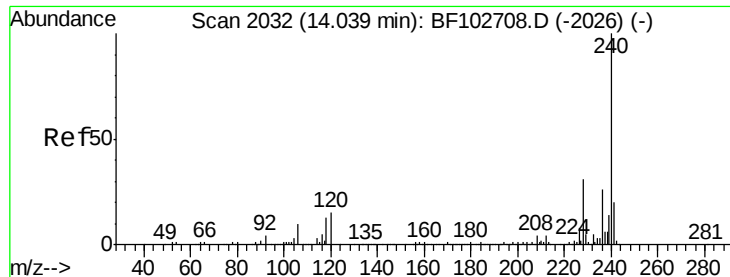
101 15.0 0.0 34.1

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: 20.00 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 :

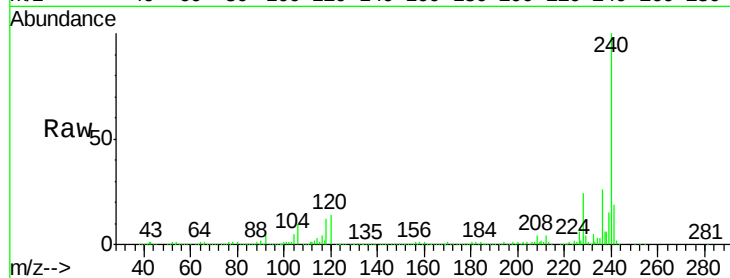
Tot Ion:240 Resp: 407873

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

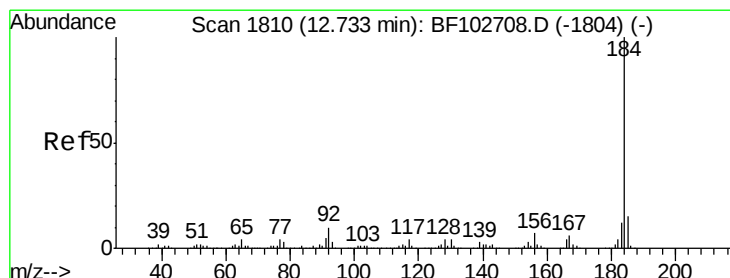
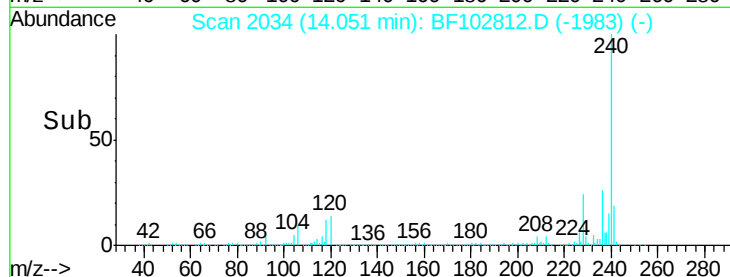
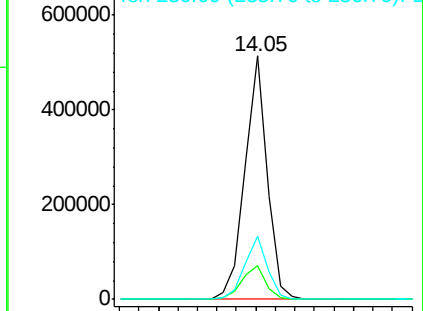
236 26.1 20.7 31.1



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: 12.52 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

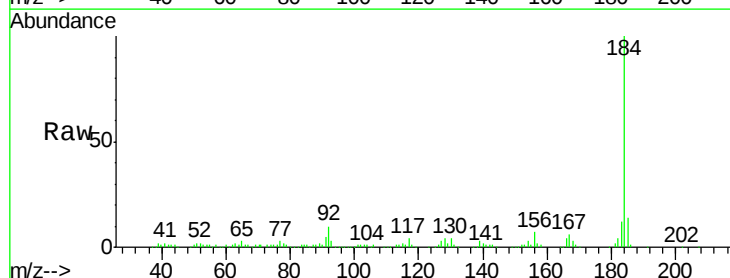
Tgt Ion:184 Resp: 234768

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

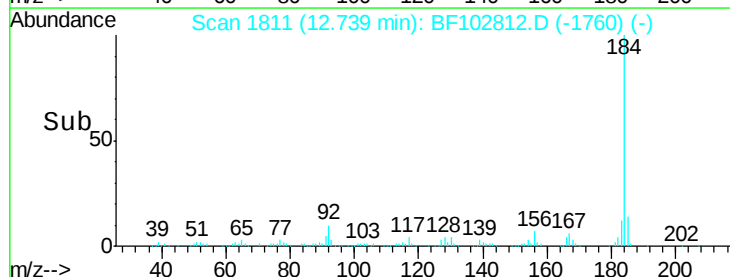
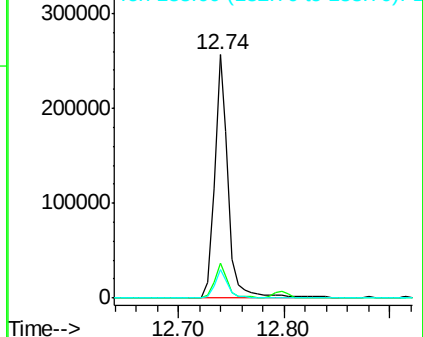
183 11.5 9.3 13.9

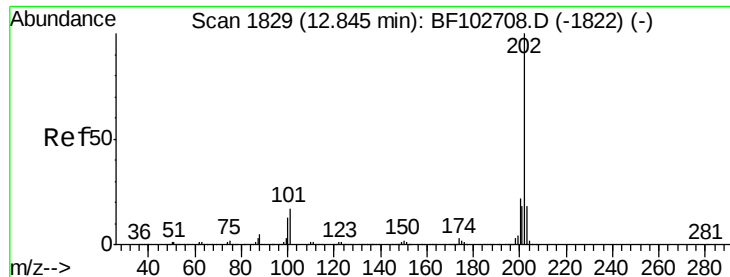


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

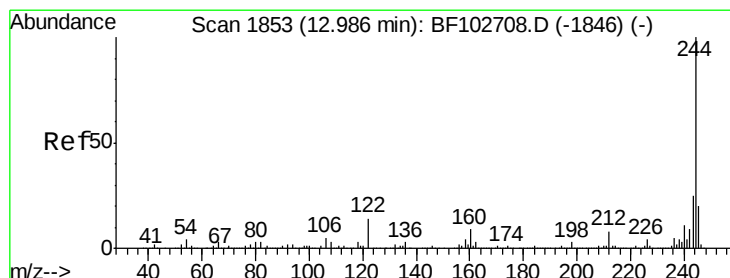
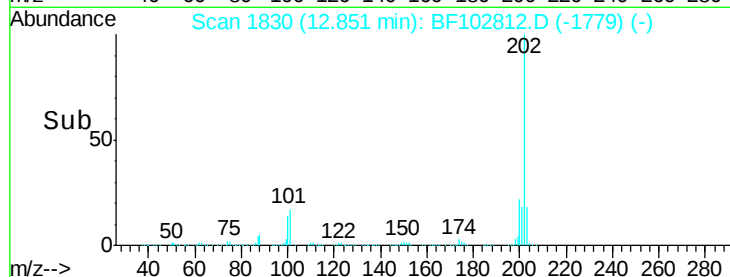
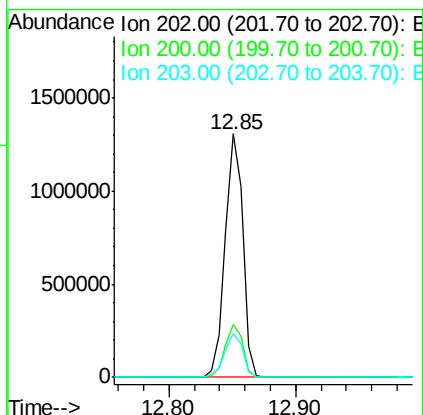
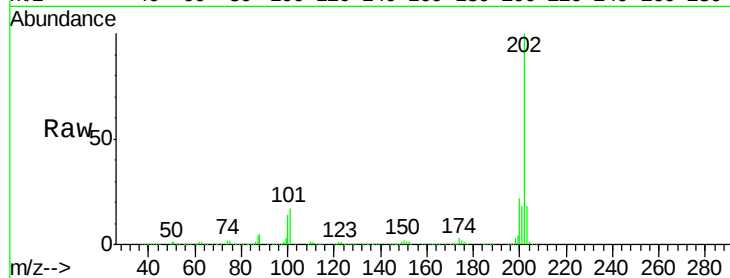




#77
Pvrene
Concen: 39.48 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

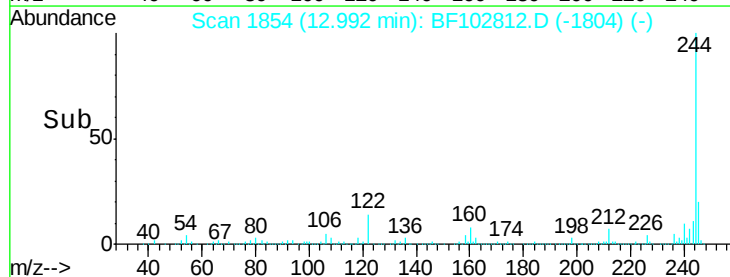
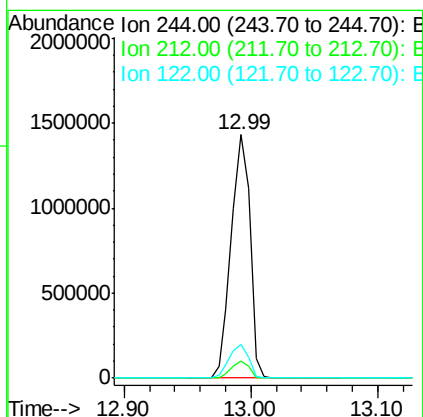
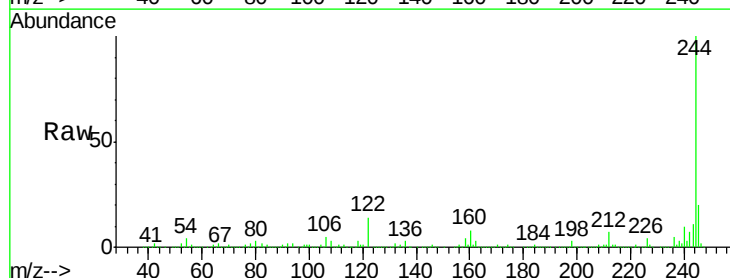
Instrument :
BNA_F
ClientSampleId :

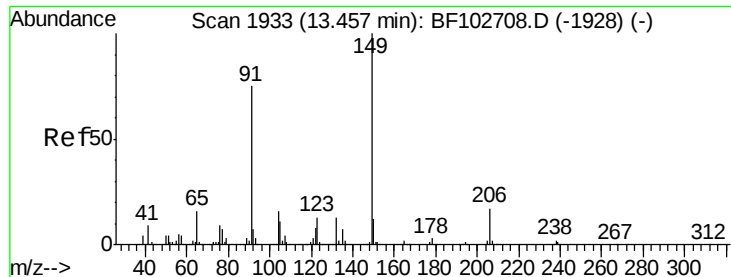
Tot Ion:202 Resp: 1262794
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 85.21 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

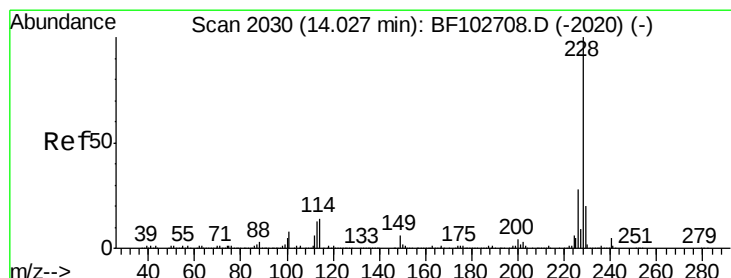
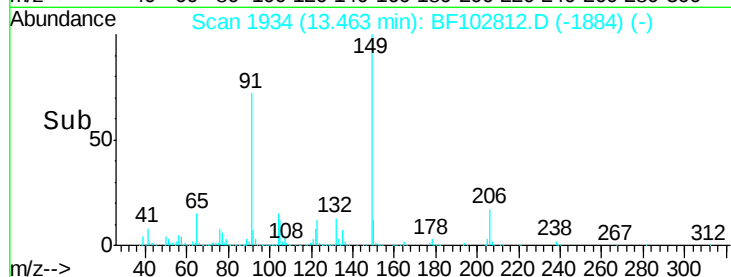
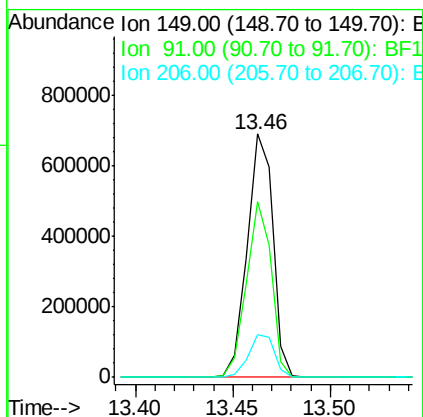
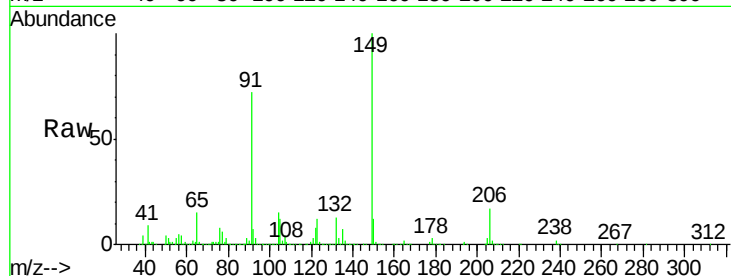




#79
Butylbenzylphthalate
Concen: 41.43 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

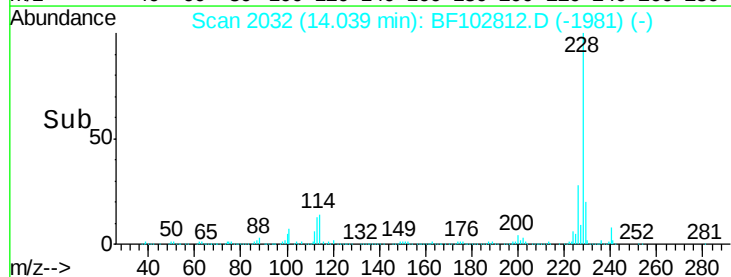
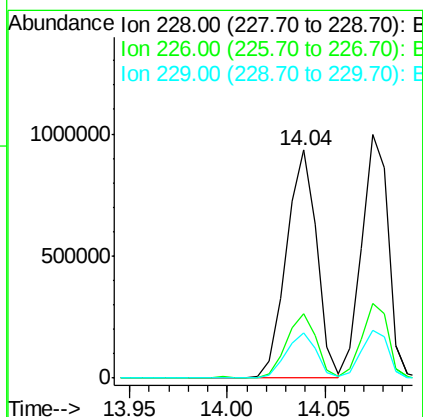
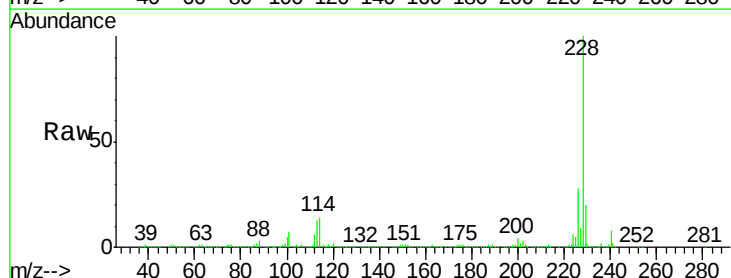
Instrument :
BNA_F
ClientSampleId :

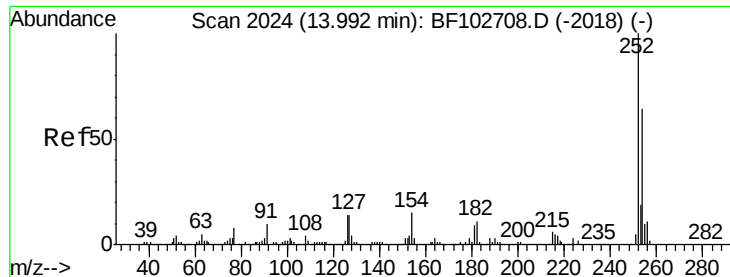
Tot Ion:149 Resp: 631663
Ion Ratio Lower Upper
149 100
91 72.3 56.8 85.2
206 17.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.99 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: 26.19 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 :

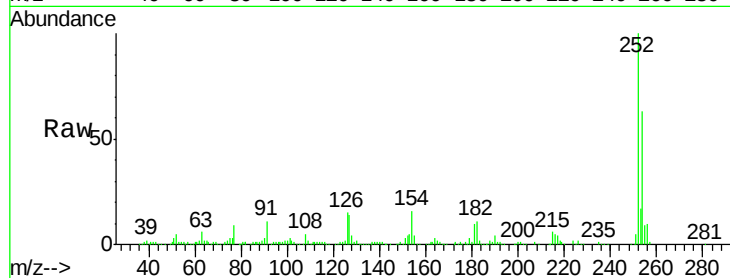
Tot Ion:252 Resp: 249084

Ion Ratio Lower Upper

252 100

254 62.8 50.4 75.6

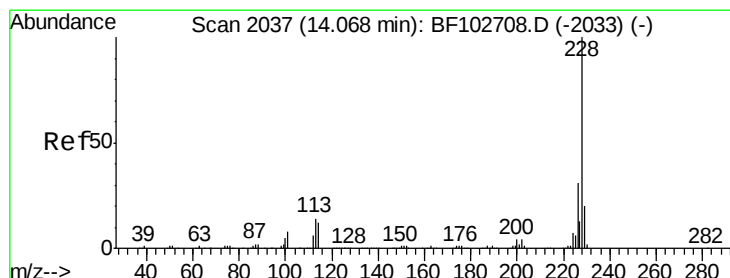
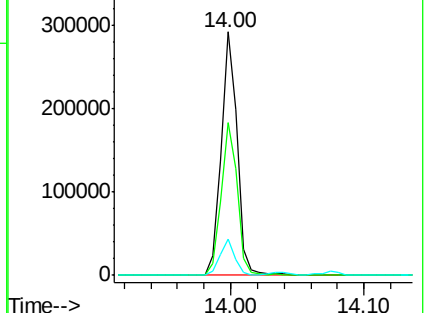
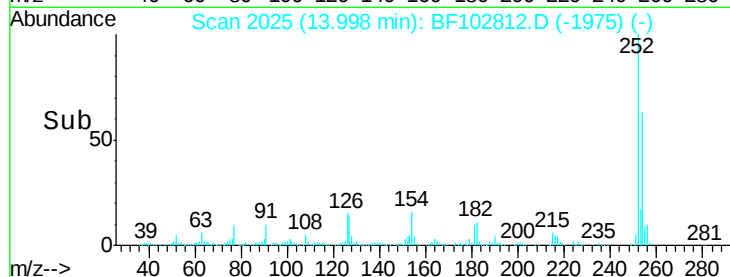
126 14.8 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.78 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

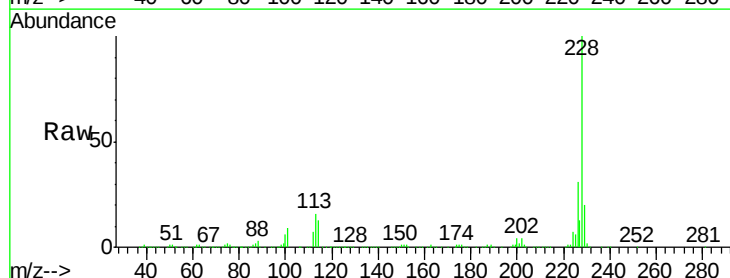
Tgt Ion:228 Resp: 951125

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

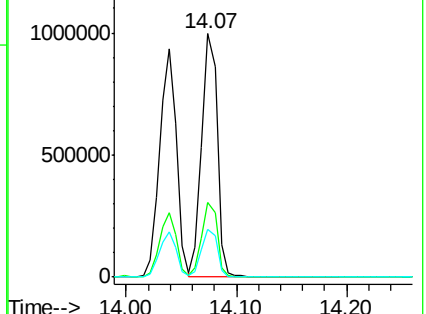
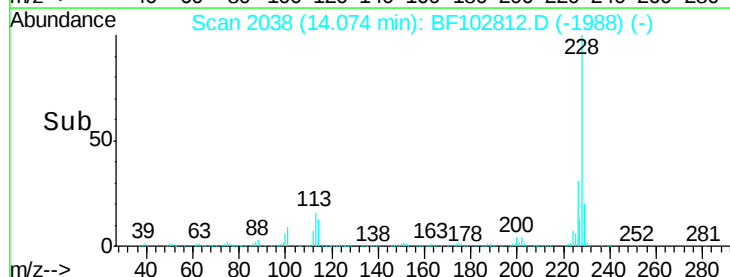
229 19.8 16.2 24.4

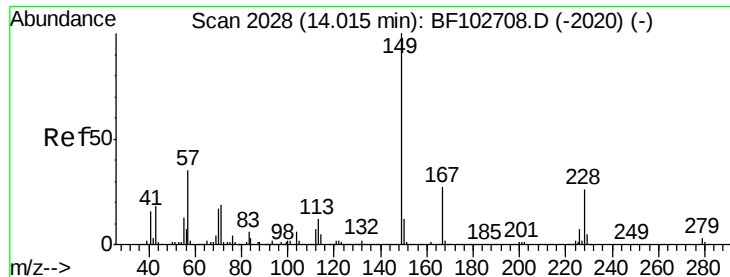


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.23 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 :

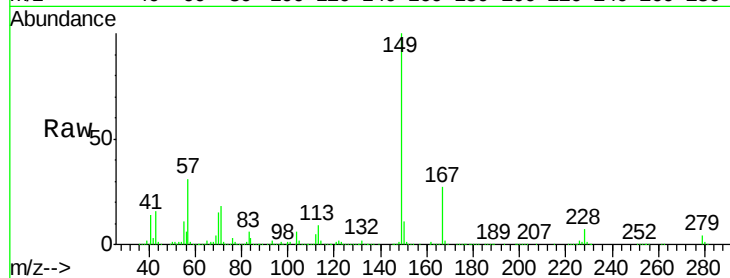
Tot Ion:149 Resp: 807842

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

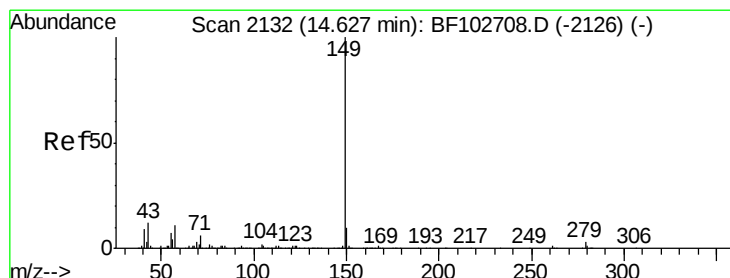
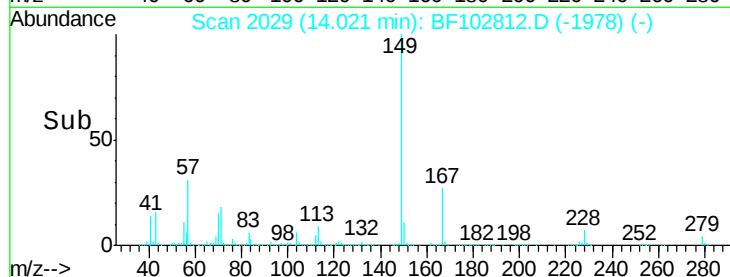
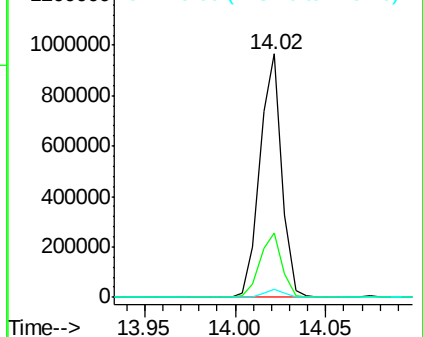
279 3.6 3.0 4.4



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: 42.22 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

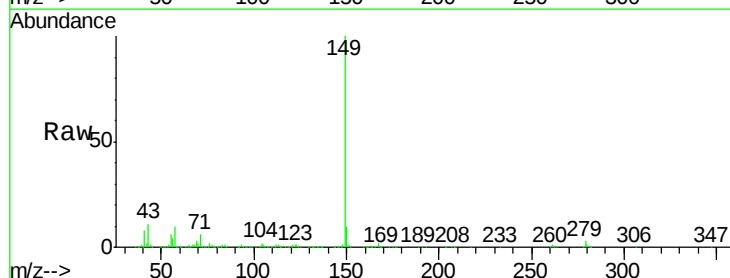
Tgt Ion:149 Resp: 1242069

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

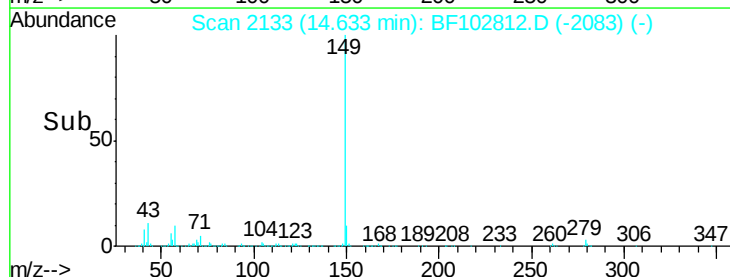
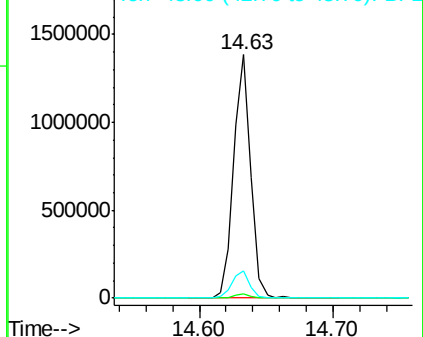
43 11.2 8.4 12.6

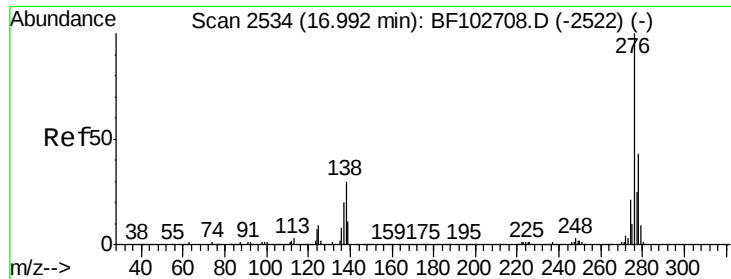


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

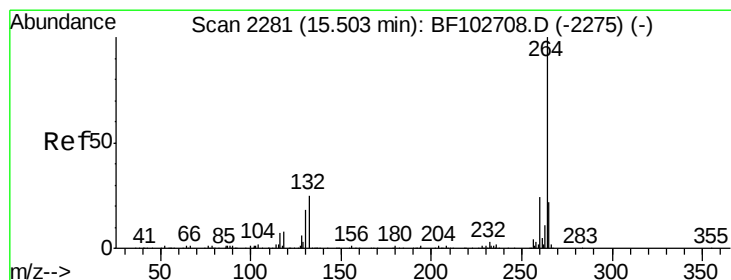
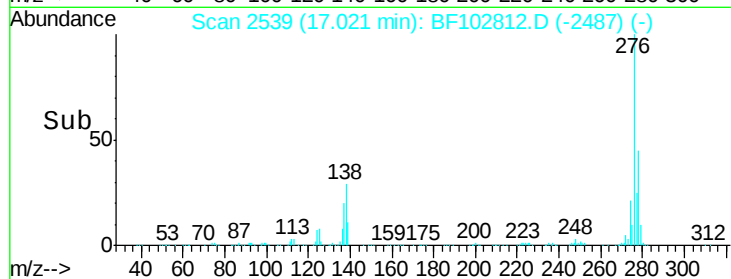
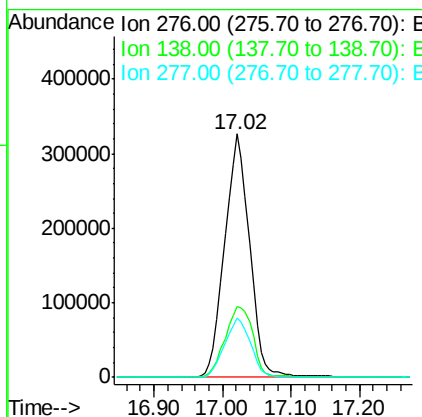
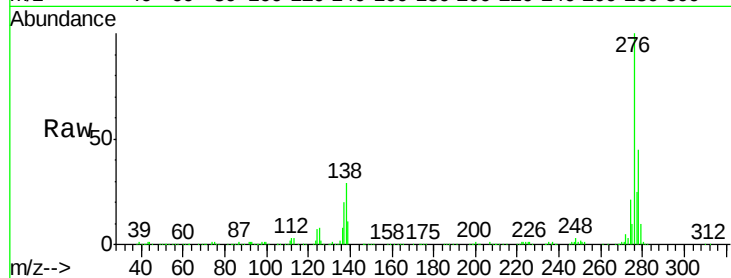




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.49 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. 0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

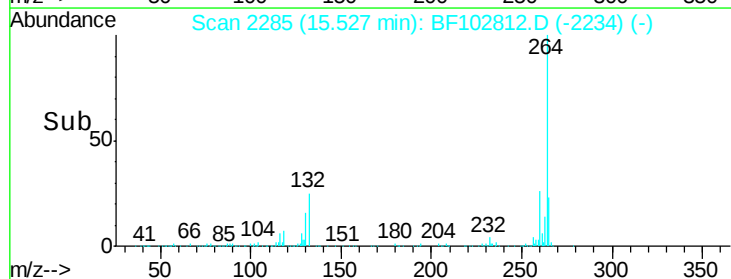
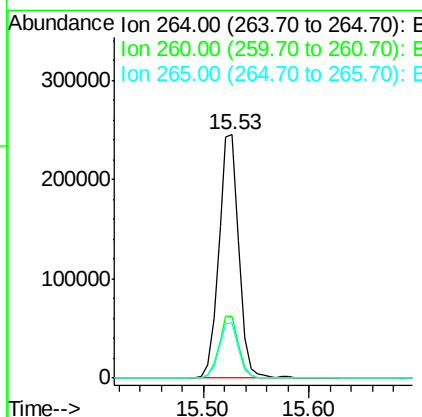
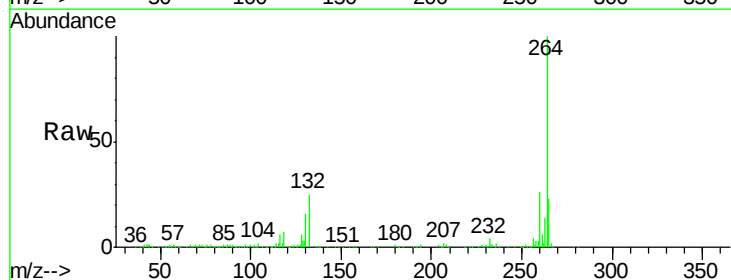
Instrument :
 BNA_F
 ClientSampleId :

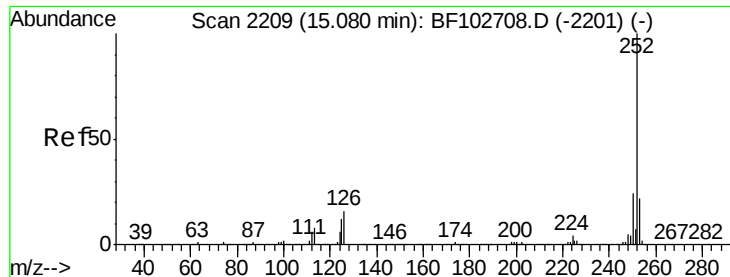
Tot Ion:276 Resp: 825535
 Ion Ratio Lower Upper
 276 100
 138 32.4 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 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

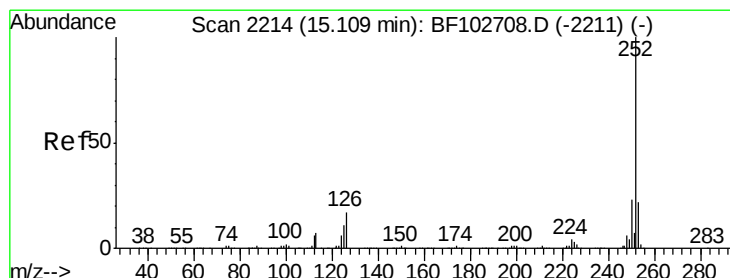
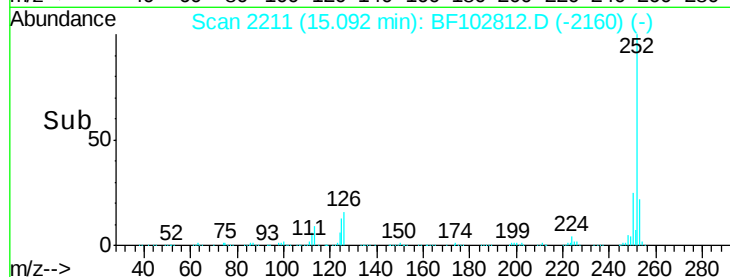
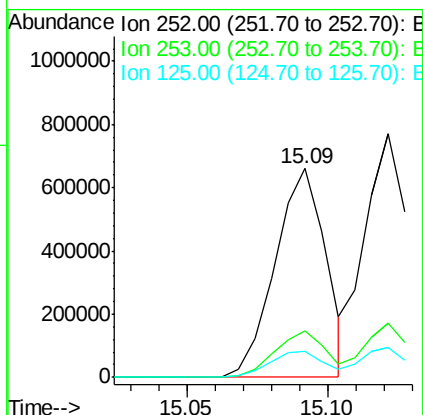
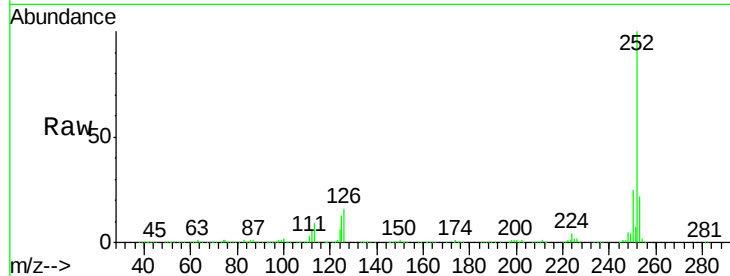




#87
Benzo(b)fluoranthene
Concen: 38.97 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

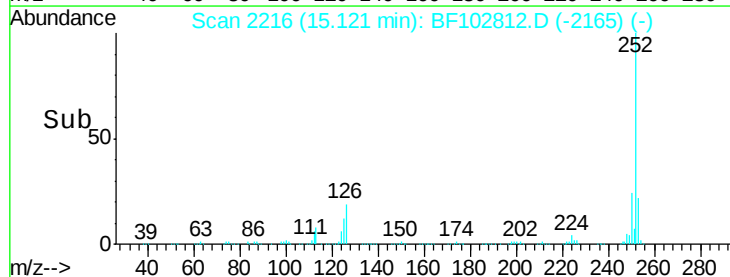
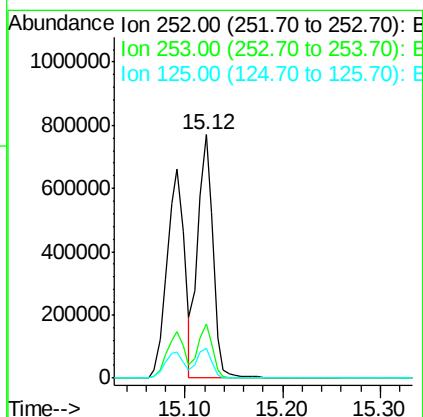
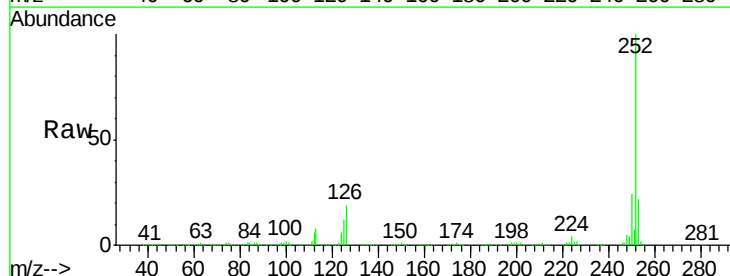
Instrument :
BNA_F
ClientSampleId :

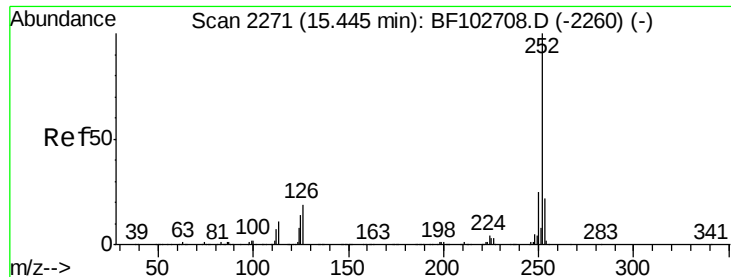
Tot Ion:252 Resp: 823993
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.96 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

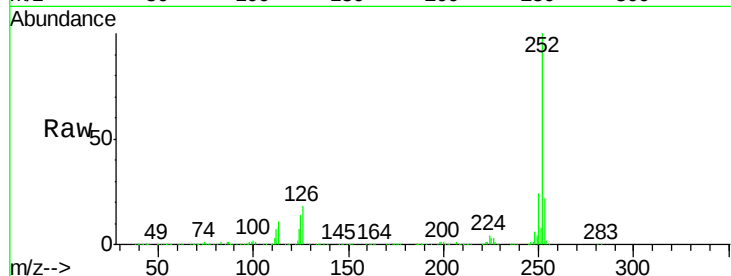




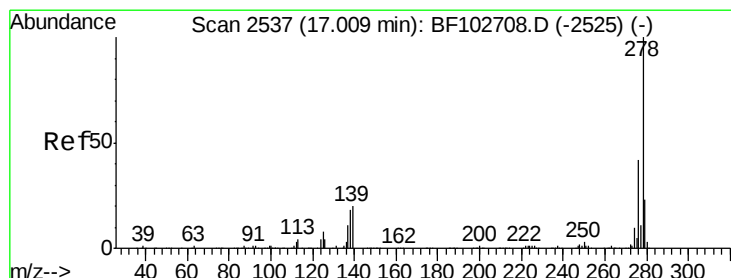
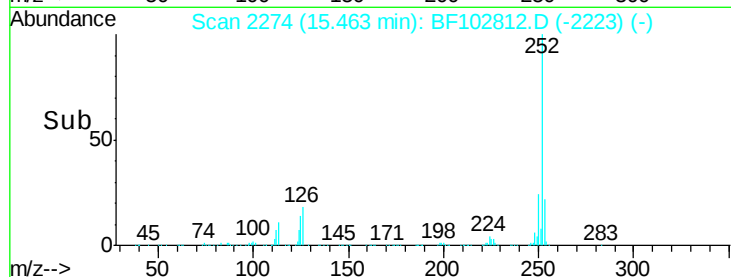
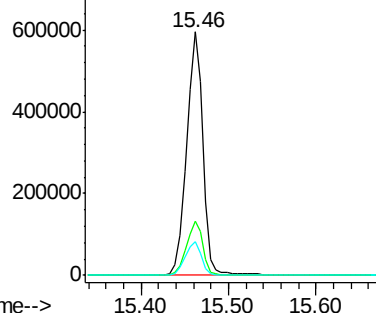
#89
Benzo(a)pyrene
Concen: 40.54 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

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

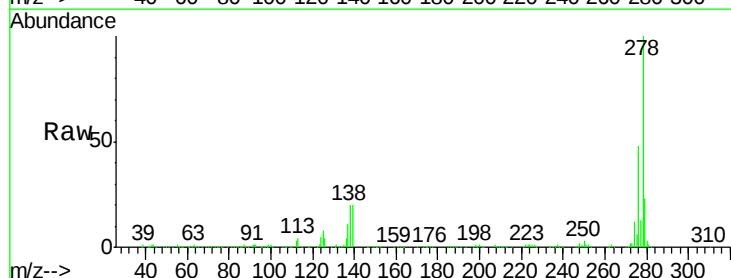


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

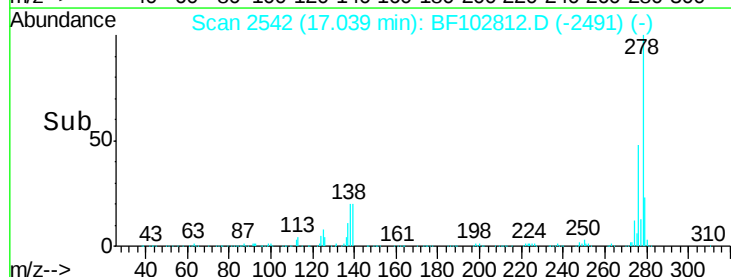
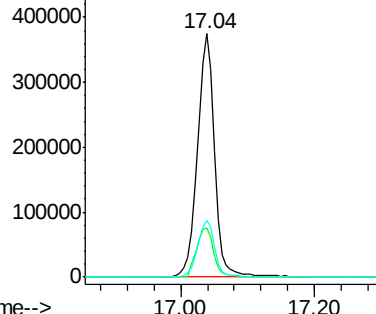


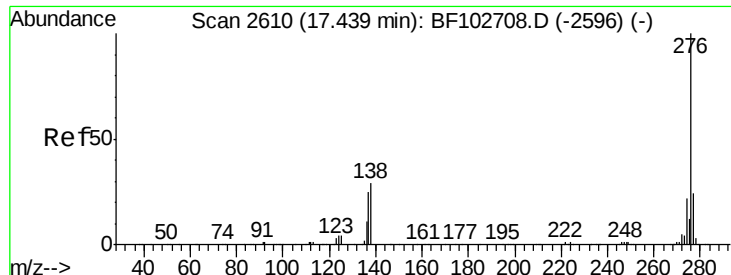
#90
Dibenzo(a,h)anthracene
Concen: 44.22 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

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



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





#91

Benzo(a,h,i)perylene

Concen: 46.94 ng

RT: 17.47 min Scan# 2616

Delta R.T. 0.00 min

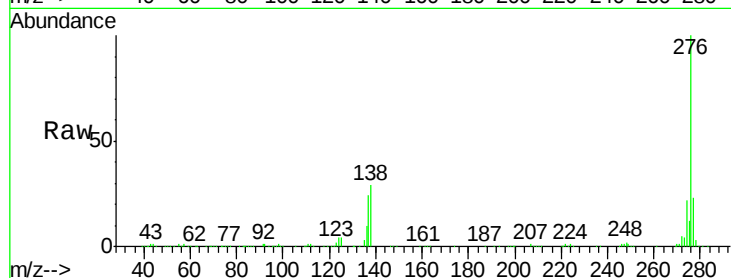
Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :



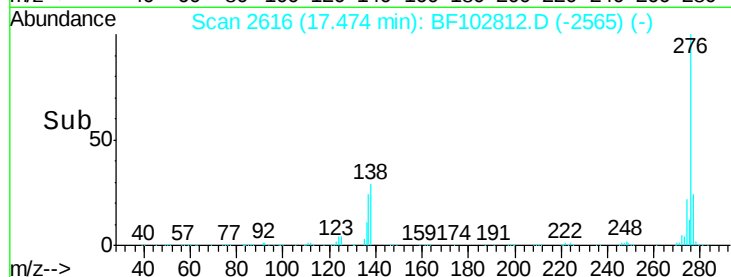
Tot Ion: 276 Resp: 709764

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

