

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103128.D
 Acq On : 21 Feb 2018 11:36
 Operator : SJ/JU
 Sample : PB106423BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106423BS

Quant Time: Feb 21 12:16:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	174037	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	752018	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	340564	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	582383	20.00	ng	0.00
75) Chrysene-d12	14.06	240	438762	20.00	ng	0.00
86) Perylene-d12	15.54	264	403005	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1178507	102.84	ng	0.02
7) Phenol-d6	6.52	99	1422739	103.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	936480	86.39	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	307176	112.06	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1491573	72.68	ng	0.00
78) Terphenyl-d14	12.99	244	1397610	75.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	188401	33.285	ng	89
3) Pyridine	3.52	79	505211	32.306	ng	92
4) n-Nitrosodimethylamine	3.46	42	258136	38.580	ng	100
6) Aniline	6.54	93	396976	19.481	ng	94
8) 2-Chlorophenol	6.67	128	444845	37.705	ng	99
9) Benzaldehyde	6.43	77	92400	9.017	ng	95
10) Phenol	6.53	94	552932	37.392	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	446156	36.258	ng	94
12) 1,3-Dichlorobenzene	6.82	146	472853	34.610	ng	98
13) 1,4-Dichlorobenzene	6.89	146	469924	34.529	ng	99
14) 1,2-Dichlorobenzene	7.05	146	434518	34.278	ng	99
15) Benzyl Alcohol	7.02	79	382186	36.026	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	777212	33.250	ng	97
17) 2-Methylphenol	7.13	107	388078	35.660	ng	98
18) Hexachloroethane	7.39	117	174334	37.355	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	302505	33.251	ng	99
20) 3+4-Methylphenols	7.29	107	443235	33.027	ng	# 63
22) Acetophenone	7.29	105	583045	31.683	ng	# 89
24) Nitrobenzene	7.46	77	489183	38.352	ng	98
25) Isophorone	7.70	82	911245	36.505	ng	100
26) 2-Nitrophenol	7.77	139	260134	49.357	ng	96
27) 2,4-Dimethylphenol	7.81	122	409890	38.867	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	568728	38.461	ng	98
29) 2,4-Dichlorophenol	8.02	162	375910	39.210	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	368888	34.013	ng	98
31) Naphthalene	8.18	128	1261839	34.343	ng	99
32) Benzoic acid	7.92	122	137473	25.176	ng	96
33) 4-Chloroaniline	8.23	127	195040	12.322	ng	97
34) Hexachlorobutadiene	8.29	225	188247	33.872	ng	97
35) Caprolactam	8.61	113	91412	27.456	ng	# 77
36) 4-Chloro-3-methylphenol	8.72	107	413994	38.433	ng	97
37) 2-Methylnaphthalene	8.87	142	837549	34.817	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	317089	34.195	ng	98
40) Hexachlorocyclopentadiene	9.02	237	252836	57.356	ng	97

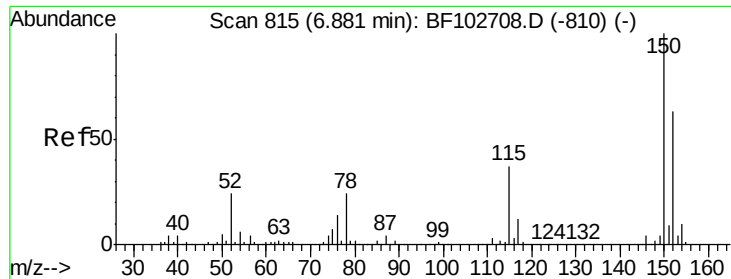
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	238349	39.133	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	253802	36.971	ng	99
45) 1,1'-Biphenyl	9.34	154	966788	33.704	ng	98
46) 2-Chloronaphthalene	9.36	162	780018	34.541	ng	99
47) 2-Nitroaniline	9.46	65	291358	42.259	ng	92
48) Acenaphthylene	9.78	152	1172763	33.436	ng	99
49) Dimethylphthalate	9.63	163	931197	35.067	ng	100
50) 2,6-Dinitrotoluene	9.70	165	205566	40.690	ng	97
51) Acenaphthene	9.95	154	680442	32.439	ng	100
52) 3-Nitroaniline	9.87	138	156285	25.141	ng	96
53) 2,4-Dinitrophenol	9.99	184	121726	74.992	ng	# 20
54) Dibenzofuran	10.12	168	1023802	34.634	ng	97
55) 4-Nitrophenol	10.05	139	337270	66.725	ng	96
56) 2,4-Dinitrotoluene	10.11	165	269528	40.306	ng	96
57) Fluorene	10.47	166	774528	36.012	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	192071	40.369	ng	99
59) Diethylphthalate	10.33	149	892649	34.044	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	349385	36.722	ng	96
61) 4-Nitroaniline	10.49	138	245704	41.525	ng	93
62) Azobenzene	10.62	77	915850	34.964	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	106371	44.978	ng	91
65) n-Nitrosodiphenylamine	10.57	169	715144	34.813	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	215952	35.054	ng	94
67) Hexachlorobenzene	11.02	284	227742	33.510	ng	94
68) Atrazine	11.10	200	217023	35.811	ng	98
69) Pentachlorophenol	11.22	266	211280	52.959	ng	98
70) Phenanthrene	11.43	178	1080472	33.312	ng	99
71) Anthracene	11.49	178	1150035	34.861	ng	99
72) Carbazole	11.64	167	1107128	34.256	ng	99
73) Di-n-butylphthalate	11.96	149	1403503	35.749	ng	100
74) Fluoranthene	12.62	202	1130018	34.628	ng	99
76) Benzidine	12.74	184	435319	21.587	ng	98
77) Pyrene	12.85	202	1177411	34.221	ng	99
79) Butylbenzylphthalate	13.46	149	620140	37.902	ng	98
80) Benzo(a)anthracene	14.04	228	1043640	37.821	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	226362	22.125	ng	98
82) Chrysene	14.08	228	977020	35.124	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	851975	40.423	ng	99
84) Di-n-octyl phthalate	14.64	149	1395071	44.082	ng	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	806306	34.950	ng	98
87) Benzo(b)fluoranthene	15.11	252	913242	34.952	ng	97
88) Benzo(k)fluoranthene	15.14	252	920022	36.852	ng	99
89) Benzo(a)pyrene	15.49	252	843770	35.877	ng	98
90) Dibenzo(a,h)anthracene	17.07	278	655132	34.319	ng	100
91) Benzo(g,h,i)perylene	17.52	276	689010	36.876	ng	99

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

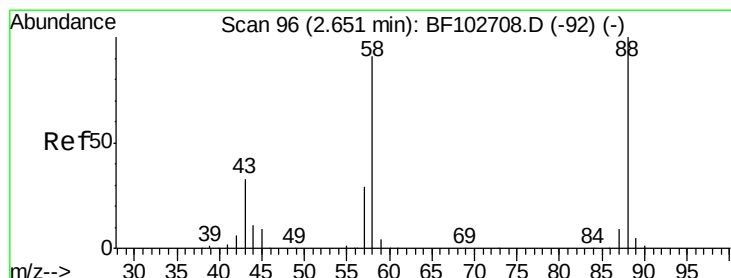
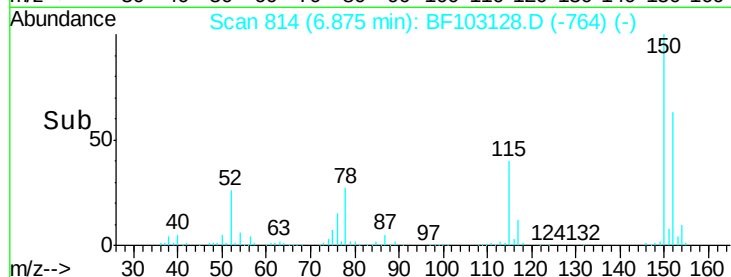
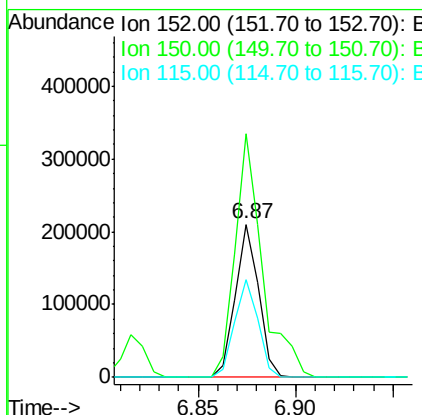
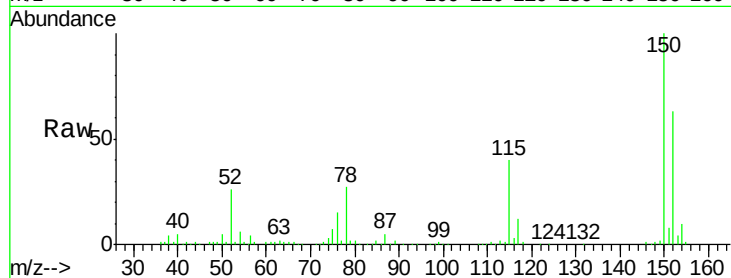


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Instrument :
BNA_F
ClientSampleId :
PB106423BS

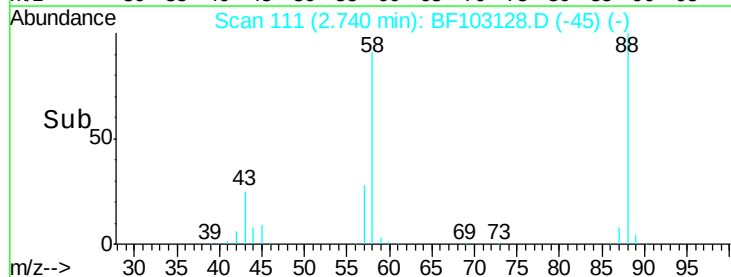
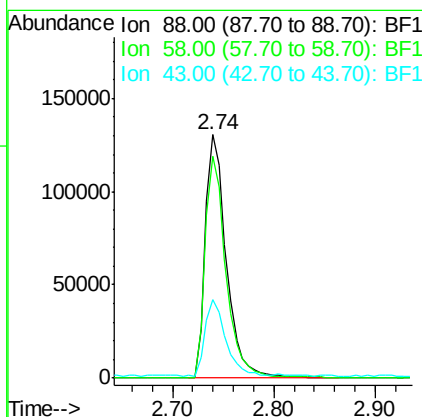
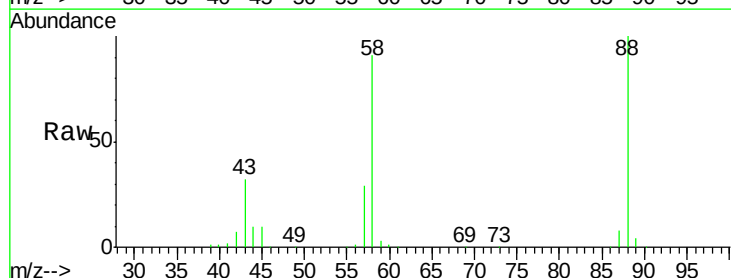
Tot Ion:152 Resp: 174037
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 63.9 50.1 75.1

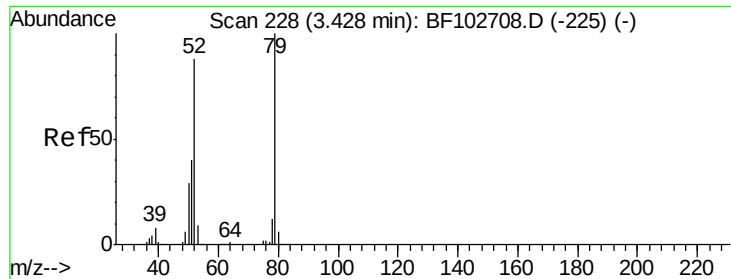


#2

1,4-Dioxane
Concen: 33.285 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.09 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Tgt Ion: 88 Resp: 188401
Ion Ratio Lower Upper
88 100
58 91.3 62.6 93.8
43 30.4 24.6 37.0





#3

Pvridine

Concen: 32.306 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.09 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

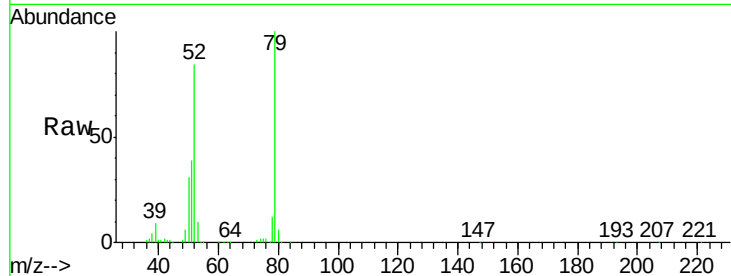
Tot Ion: 79 Resp: 505211

Ion Ratio Lower Upper

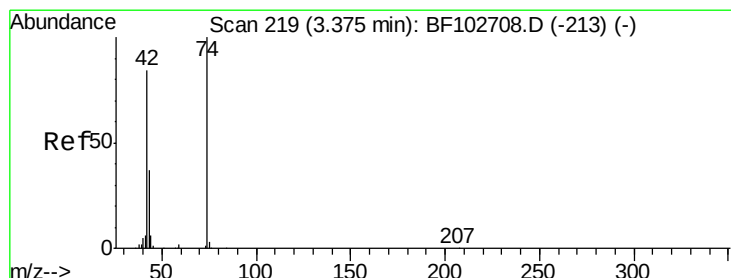
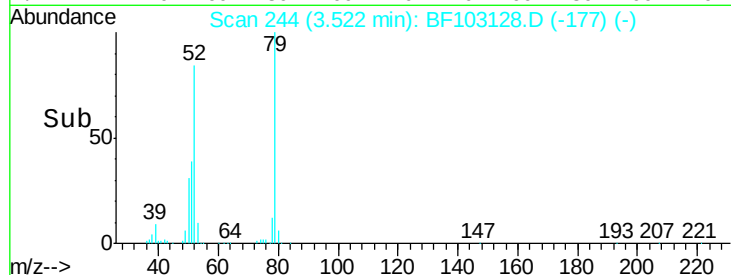
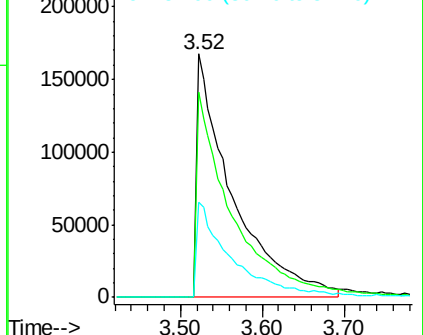
79 100

52 84.0 59.8 89.6

51 39.0 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: 38.580 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.08 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

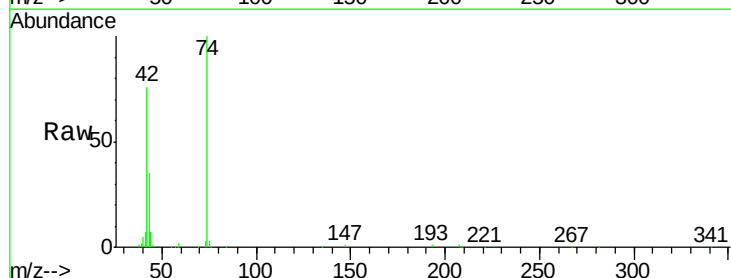
Tgt Ion: 42 Resp: 258136

Ion Ratio Lower Upper

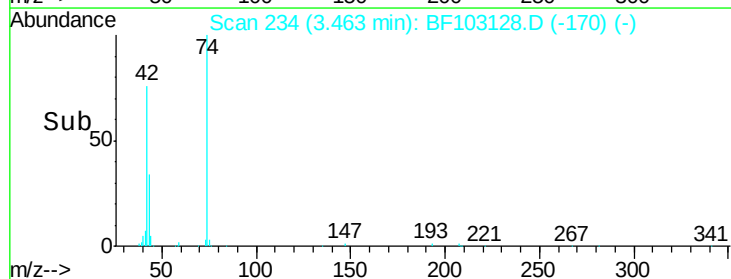
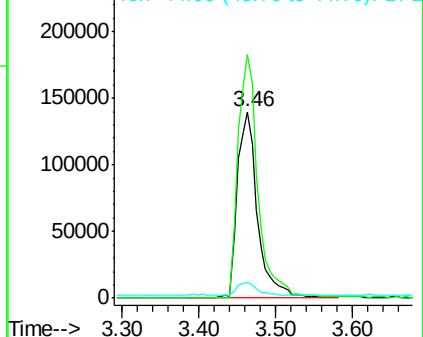
42 100

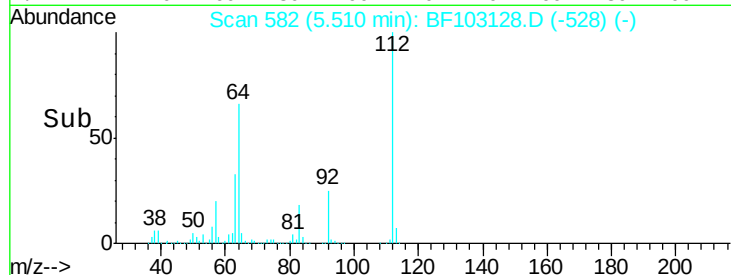
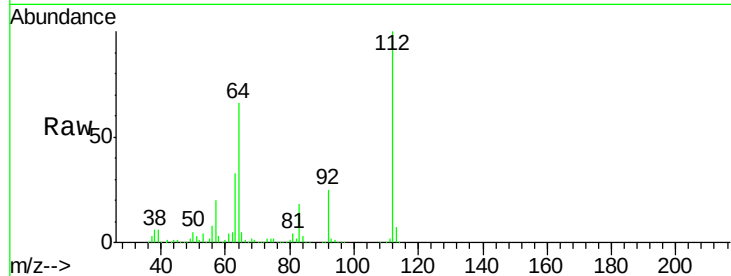
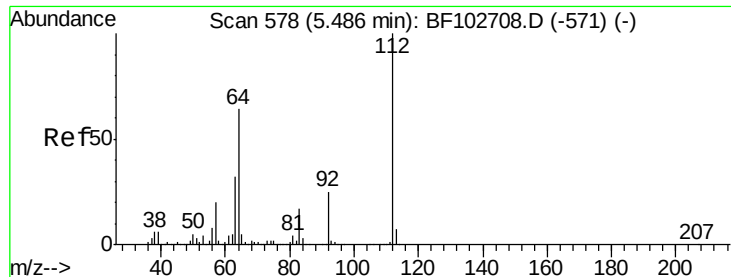
74 130.7 104.9 157.3

44 8.7 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: 102.838 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

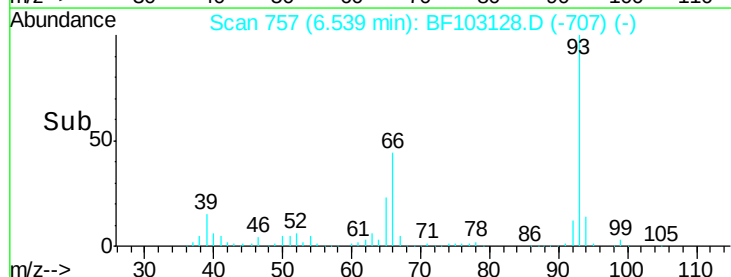
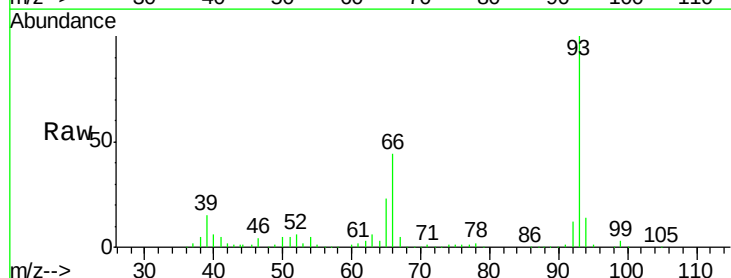
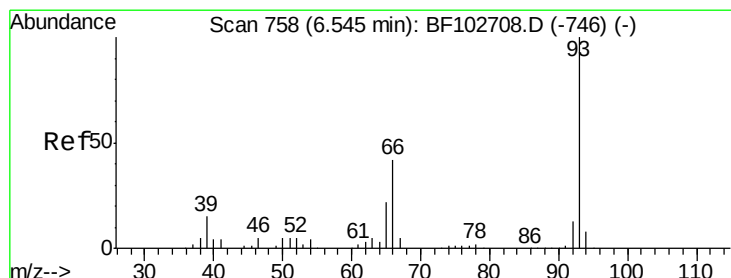
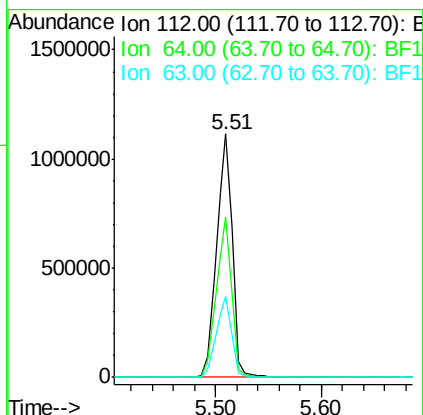
Tot Ion:112 Resp: 1178507

Ion Ratio Lower Upper

112 100

64 65.7 47.9 71.9

63 33.0 23.7 35.5



#6

Aniline

Concen: 19.481 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

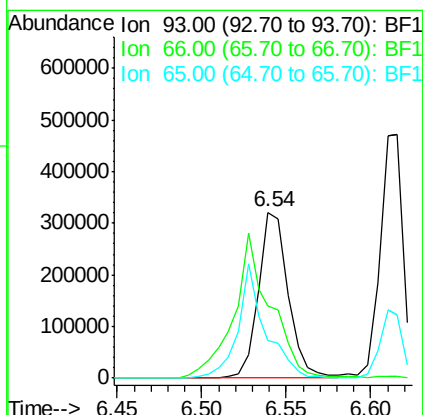
Tgt Ion: 93 Resp: 396976

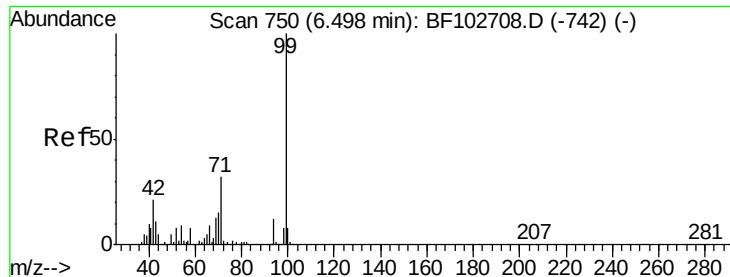
Ion Ratio Lower Upper

93 100

66 43.8 32.2 48.2

65 23.0 16.4 24.6





#7

Phenol-d6

Concen: 103.109 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

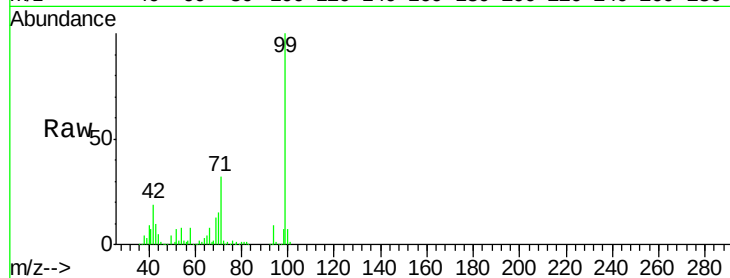
Tot Ion: 99 Resp: 1422739

Ion Ratio Lower Upper

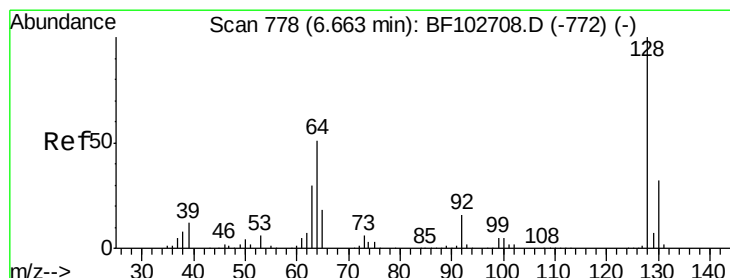
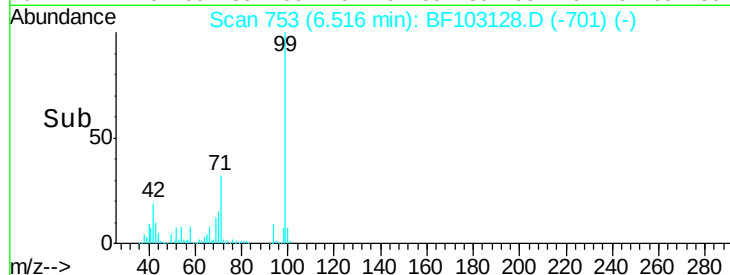
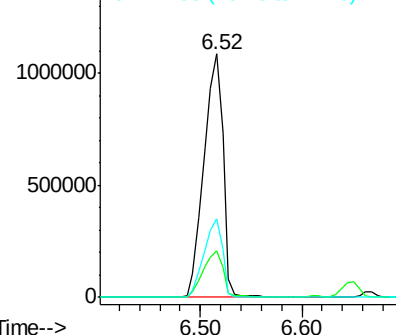
99 100

42 19.0 14.5 21.7

71 32.3 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: 37.705 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

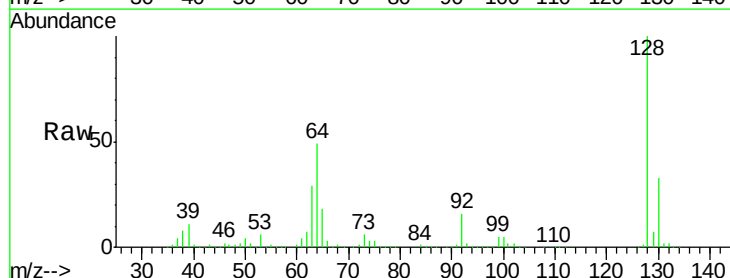
Tgt Ion: 128 Resp: 444845

Ion Ratio Lower Upper

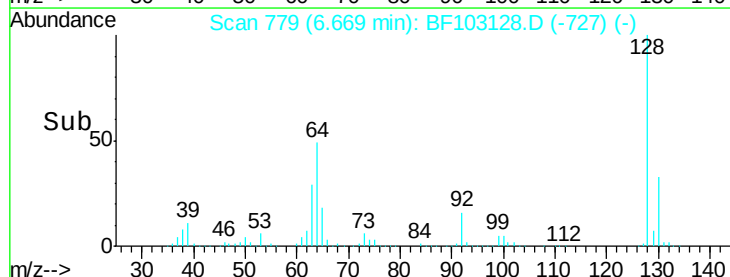
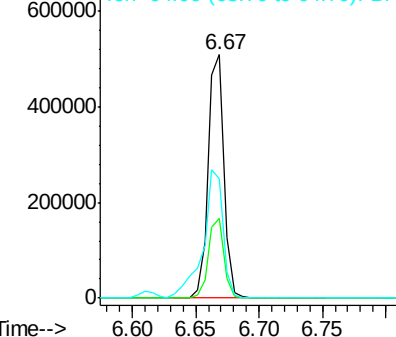
128 100

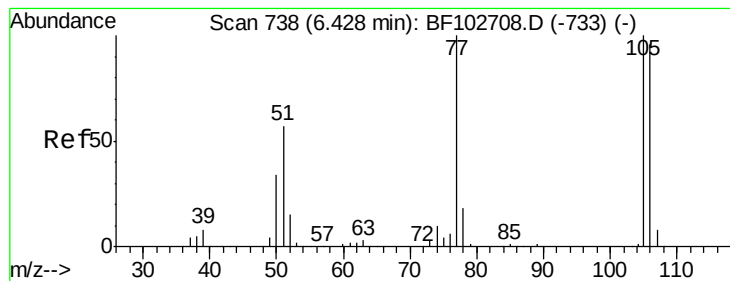
130 32.8 13.0 53.0

64 48.8 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: 9.017 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

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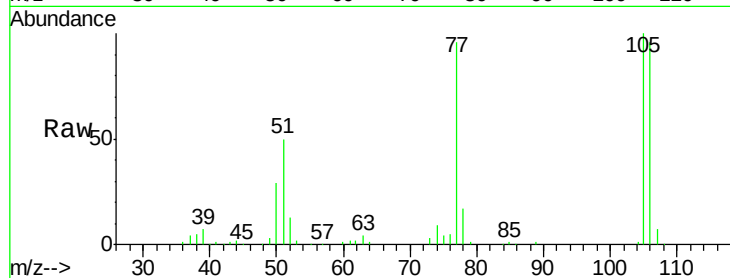
Tot Ion: 77 Resp: 92400

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

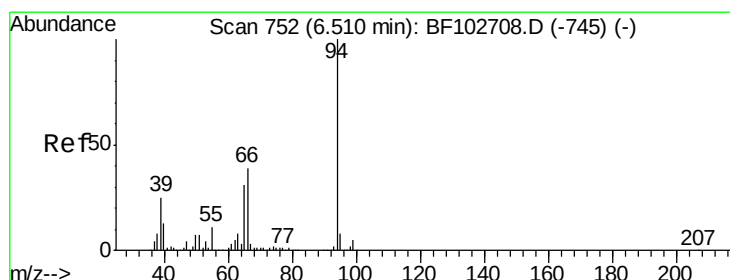
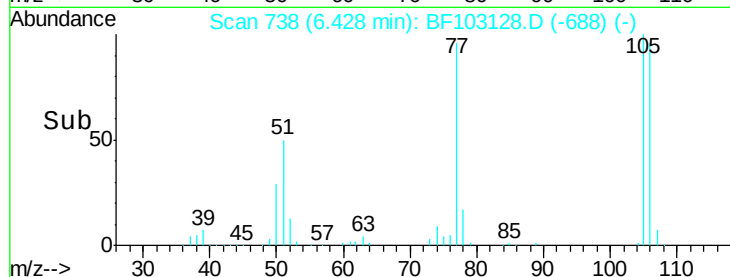
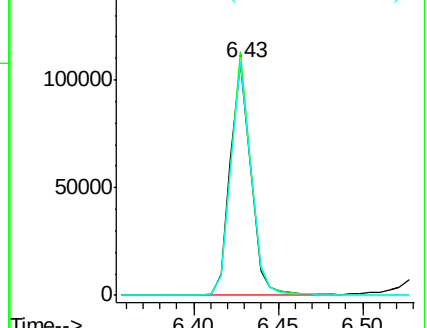
106 100.1 74.5 114.5



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: 37.392 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

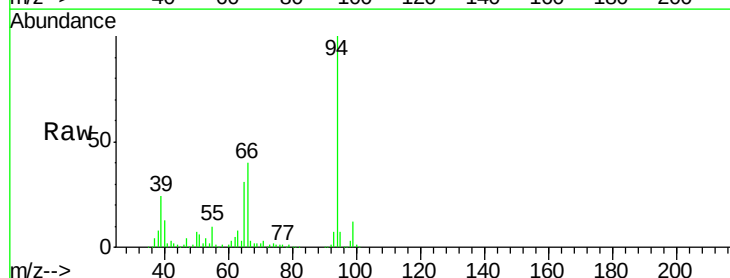
Tgt Ion: 94 Resp: 552932

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

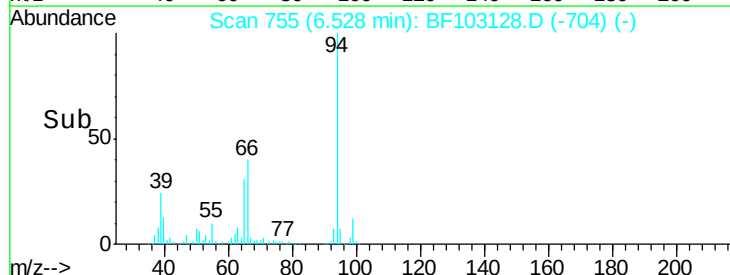
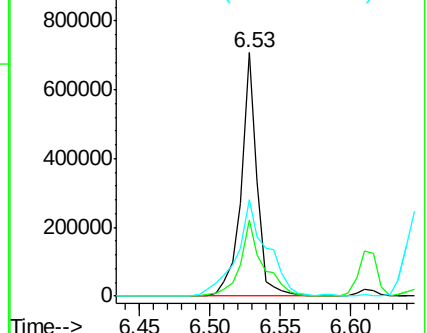
66 39.5 16.2 56.2

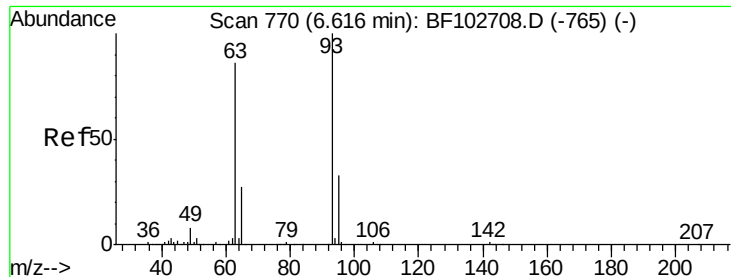


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.258 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

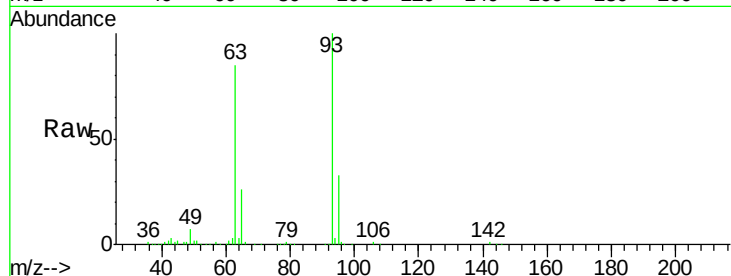
Tot Ion: 93 Resp: 446156

Ion Ratio Lower Upper

93 100

63 84.8 58.6 98.6

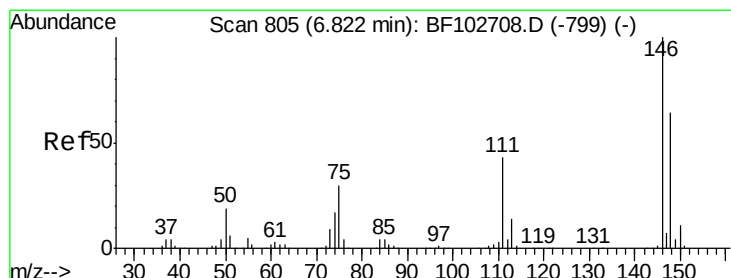
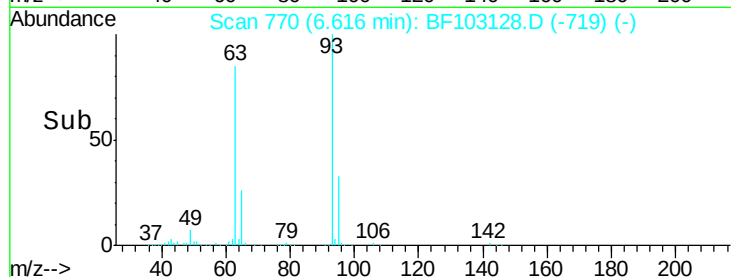
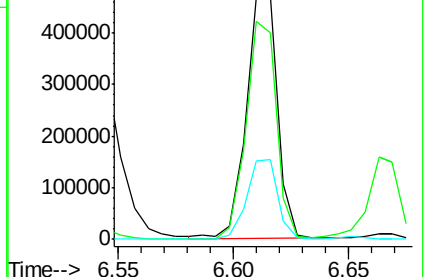
95 32.8 11.8 51.8



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: 34.610 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

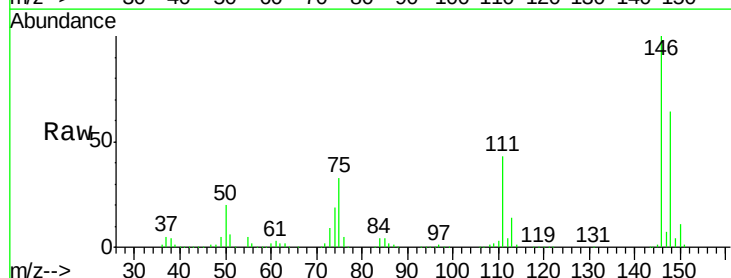
Tgt Ion: 146 Resp: 472853

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

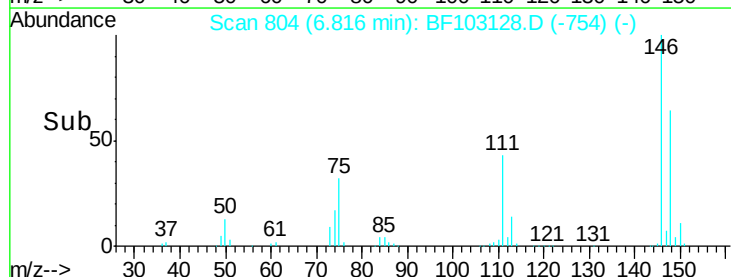
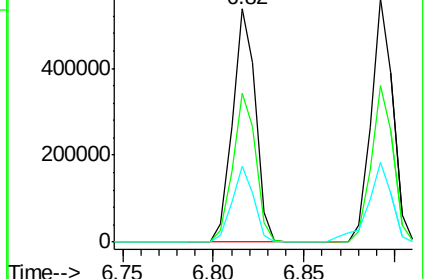
75 32.6 24.2 36.4

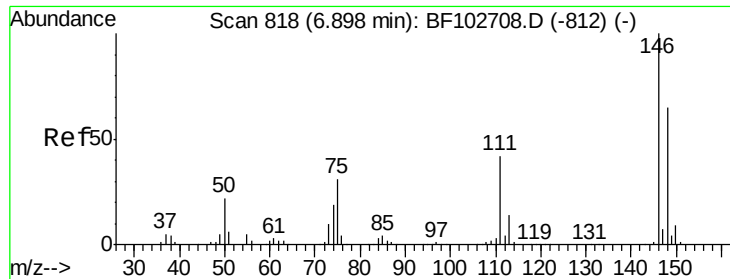


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

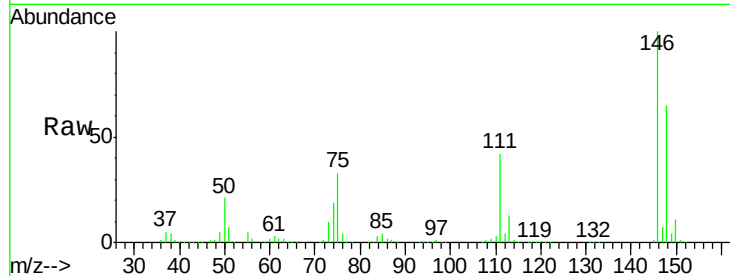




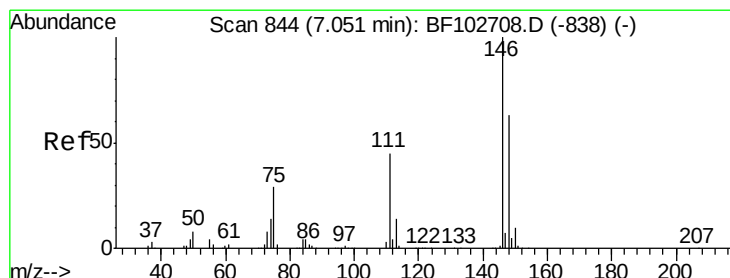
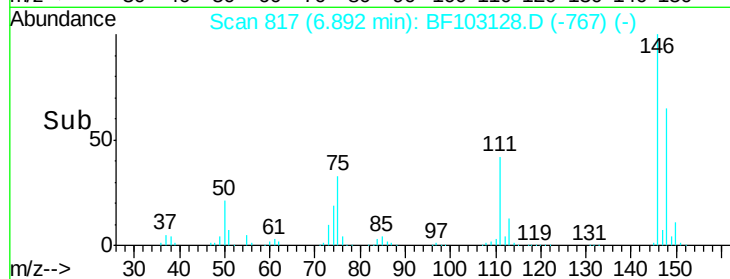
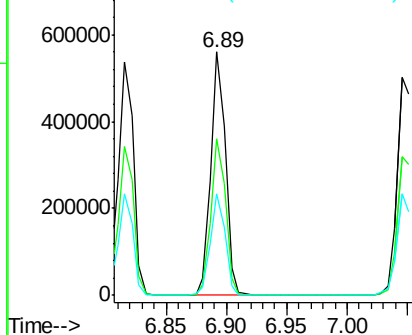
#13
 1,4-Dichlorobenzene
 Concen: 34.529 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB106423BS

Tot Ion:146 Resp: 469924
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 41.9 34.2 51.2

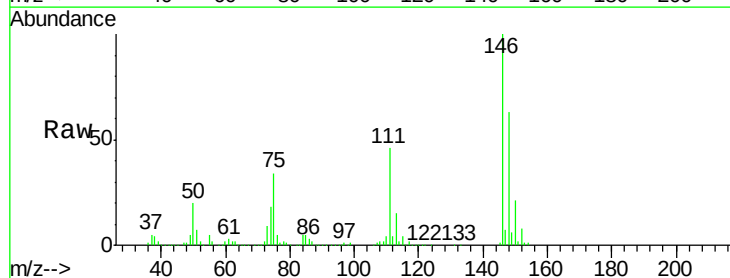


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

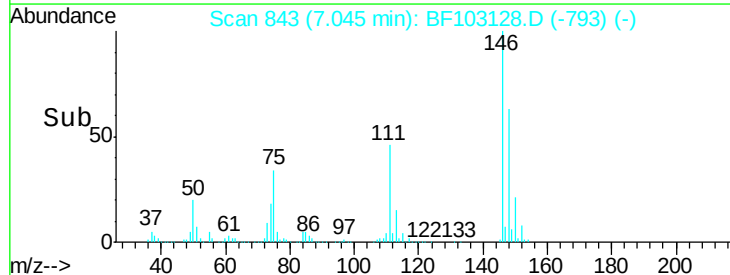
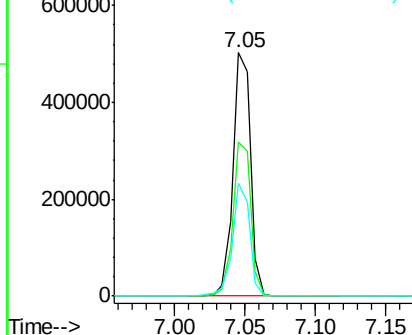


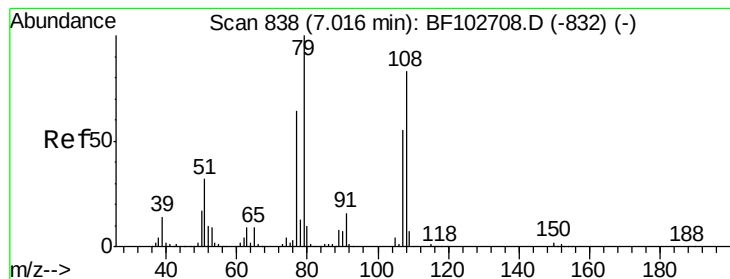
#14
 1,2-Dichlorobenzene
 Concen: 34.278 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

Tgt Ion:146 Resp: 434518
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 46.5 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: 36.026 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

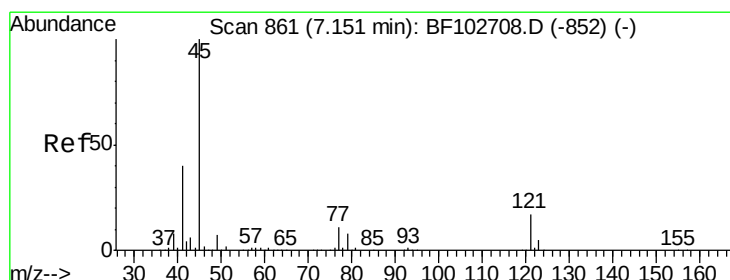
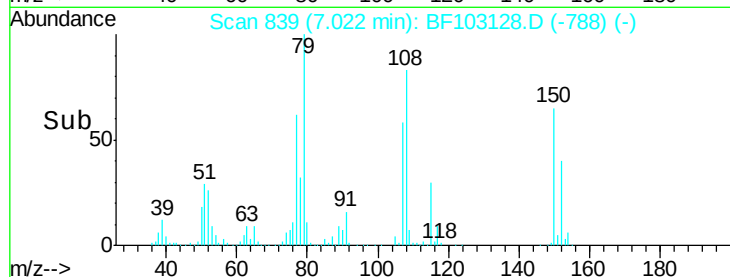
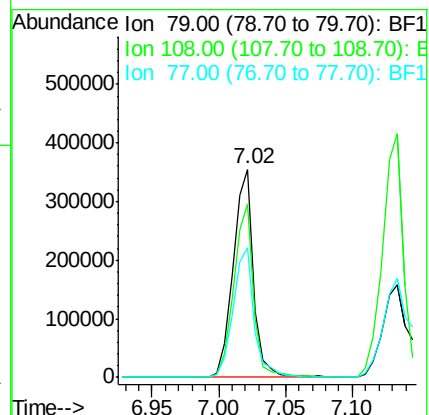
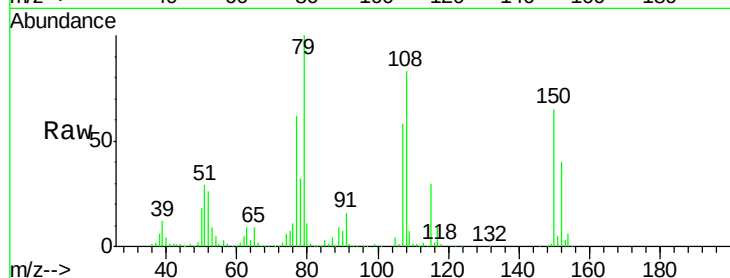
Tot Ion: 79 Resp: 382186

Ion Ratio Lower Upper

79 100

108 83.2 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.250 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

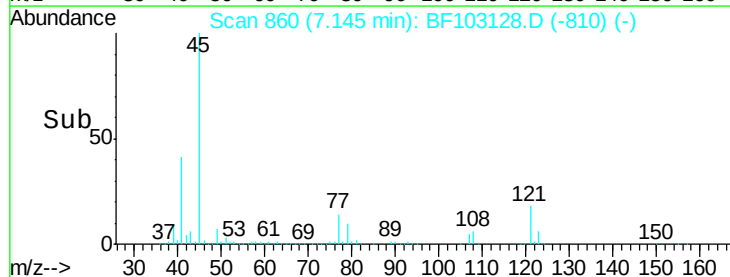
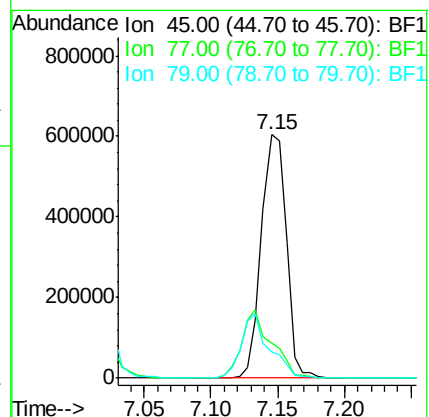
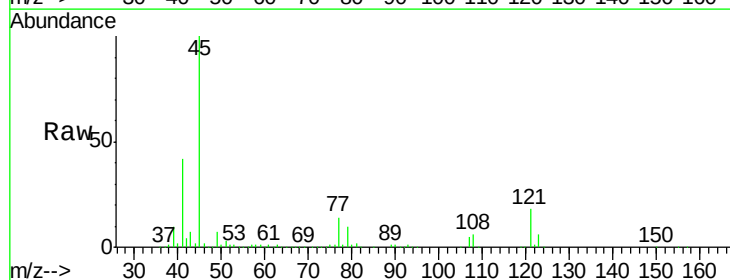
Tgt Ion: 45 Resp: 777212

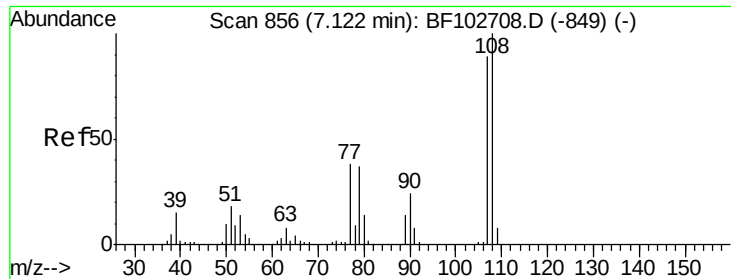
Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.9

79 10.5 0.0 29.6

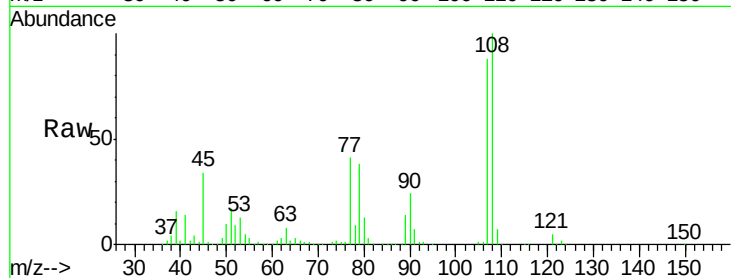




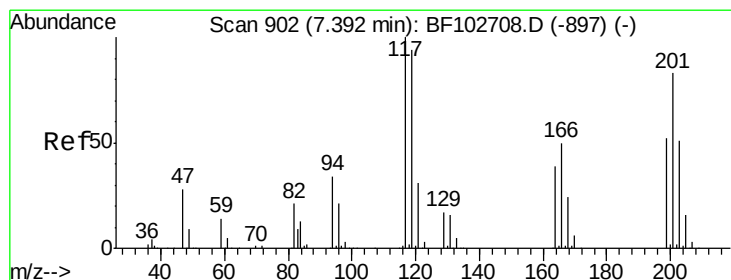
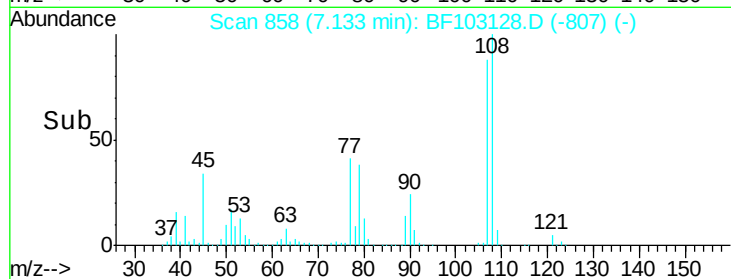
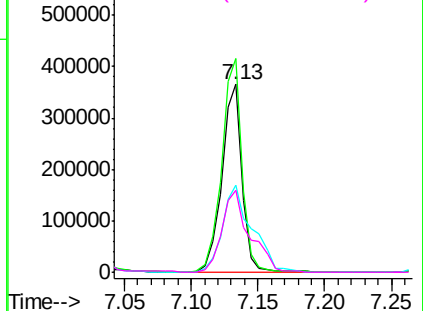
#17
2-Methylphenol
Concen: 35.660 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Instrument :
BNA_F
ClientSampleId :
PB106423BS

Tot Ion:107 Resp: 388078
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 46.1 33.8 50.8
79 43.3 33.8 50.8

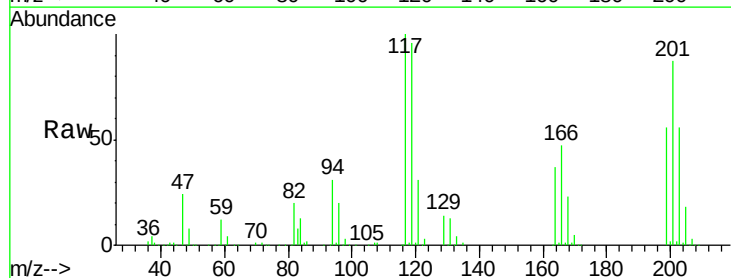


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

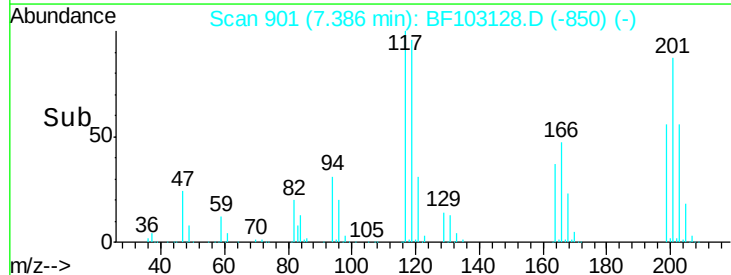
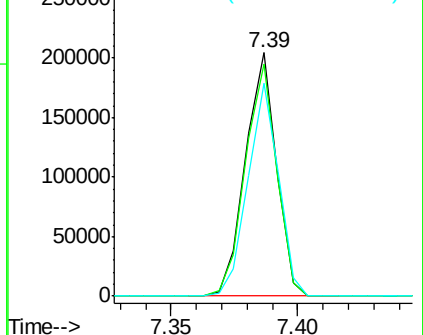


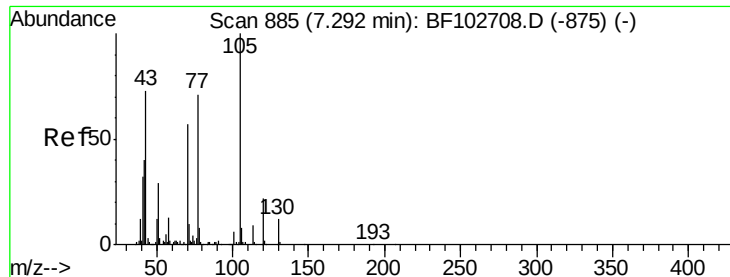
#18
Hexachloroethane
Concen: 37.355 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Tgt Ion:117 Resp: 174334
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 87.5 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

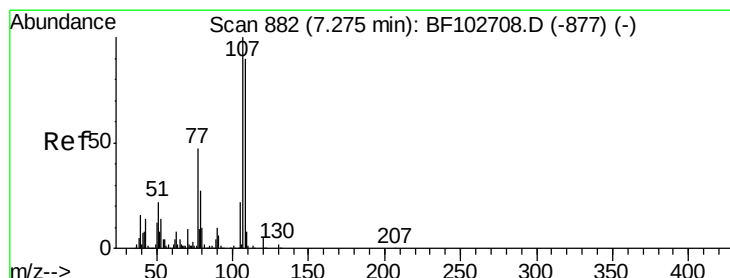
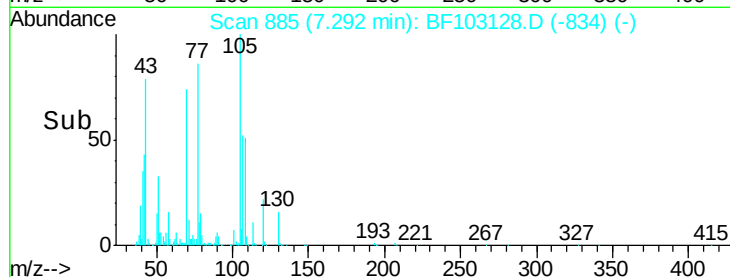
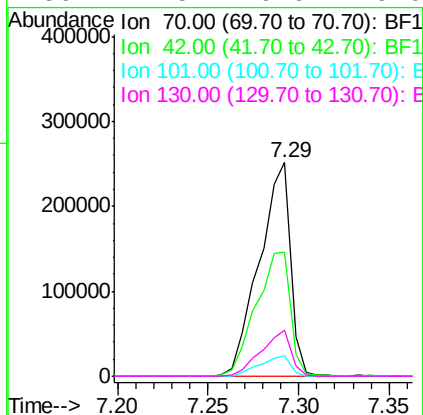
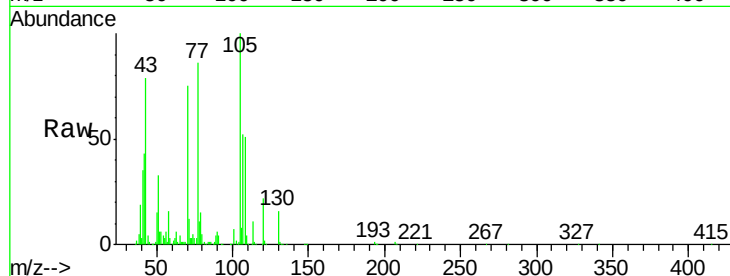




#19
n-Nitroso-di-n-propylamine
Concen: 33.251 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

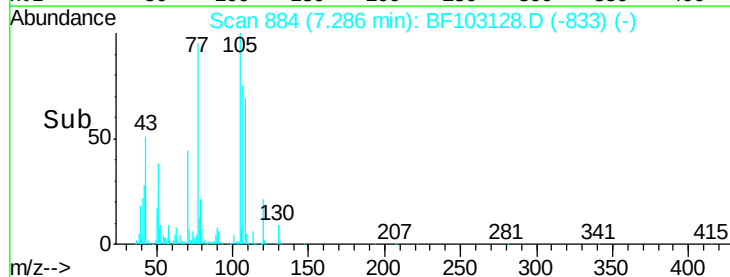
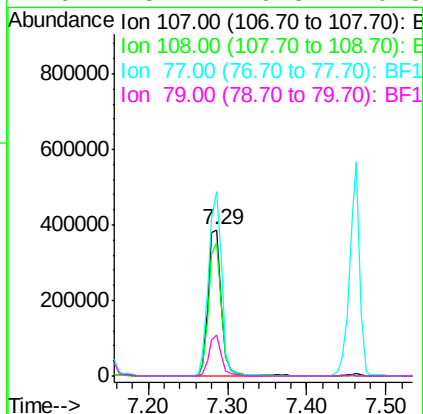
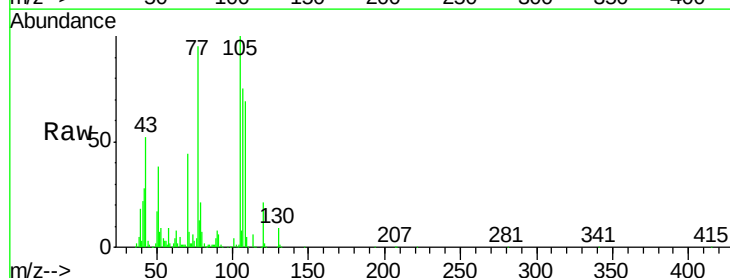
Instrument :
BNA_F
ClientSampleId :
PB106423BS

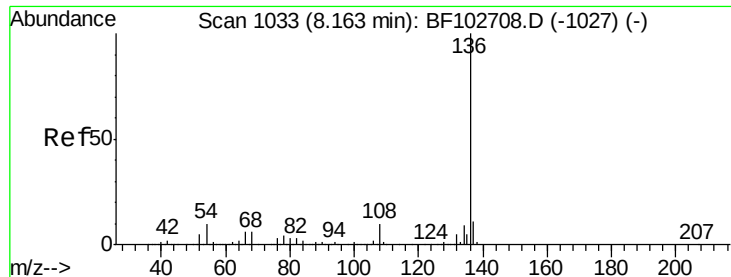
Tot Ion:	70	Resp:	302505
Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.5	71.3
101	9.7	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.027 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Tgt Ion:	107	Resp:	443235
Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	125.8	26.7	66.7#
79	28.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

Tot Ion:136 Resp: 752018

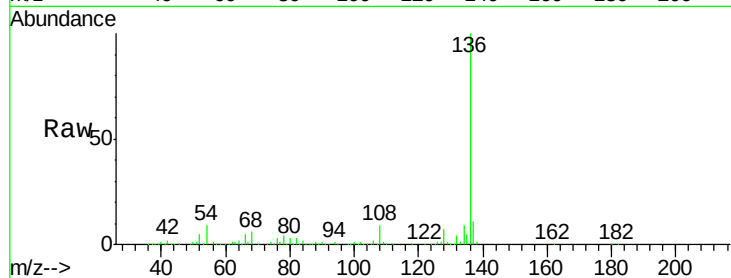
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.7 6.6 9.8

68 6.2 5.0 7.4

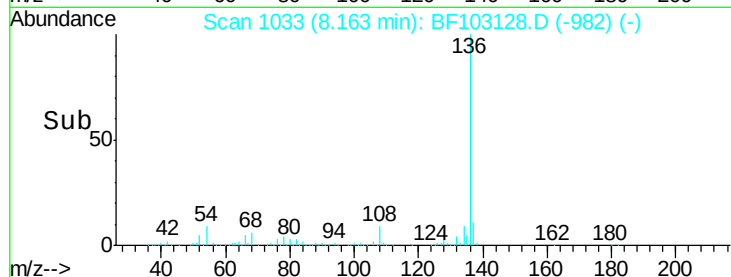


Abundance Ion 136.00 (135.70 to 136.70): E

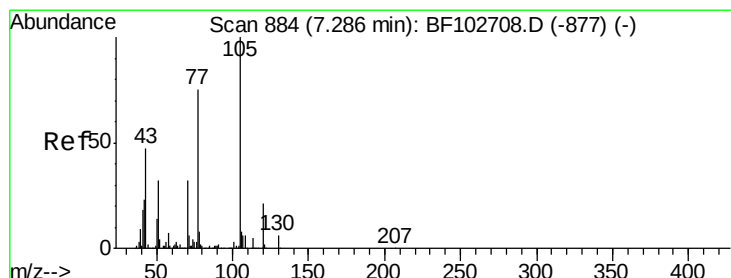
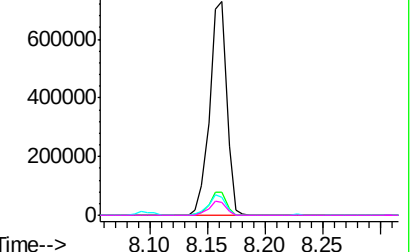
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 31.683 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Tgt Ion:105 Resp: 583045

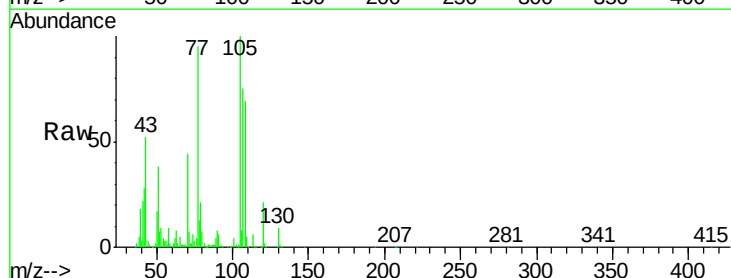
Ion Ratio Lower Upper

105 100

71 7.3 4.4 6.6#

51 38.1 22.3 33.5#

120 21.2 16.9 25.3

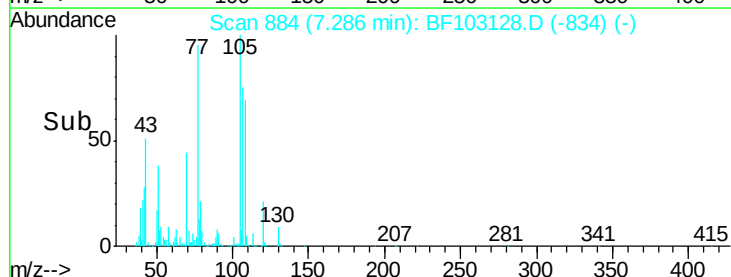


Abundance Ion 105.00 (104.70 to 105.70): E

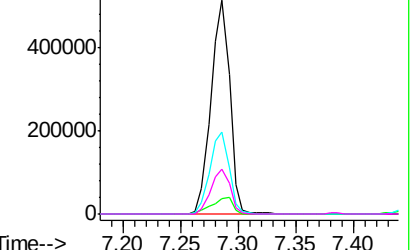
Ion 71.00 (70.70 to 71.70): BF1

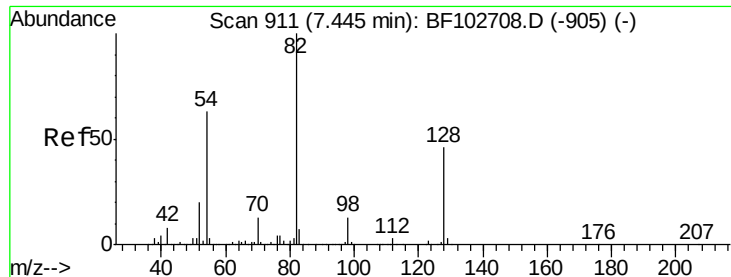
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

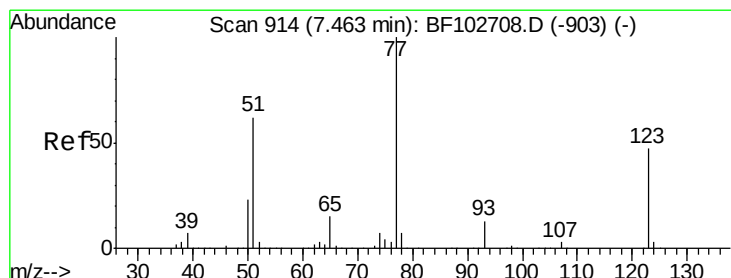
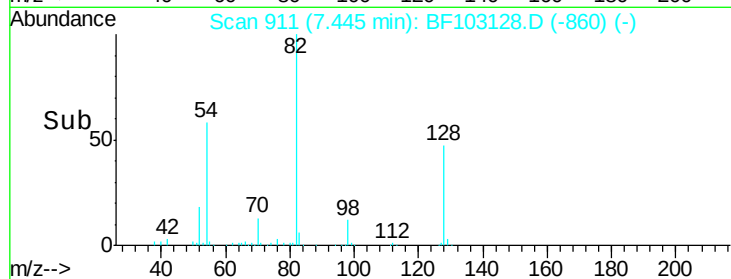
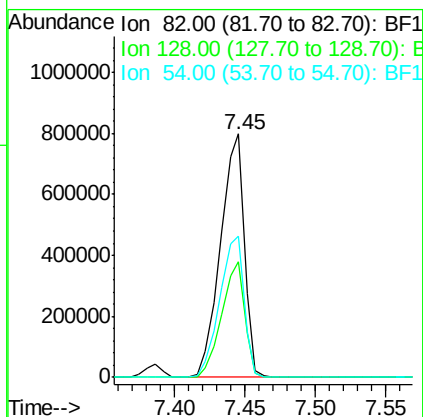
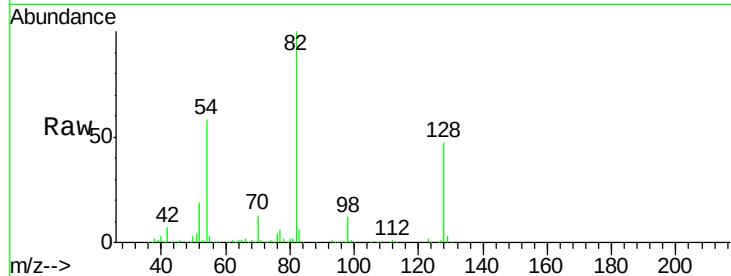




#23
 Nitrobenzene-d5
 Concen: 86.386 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

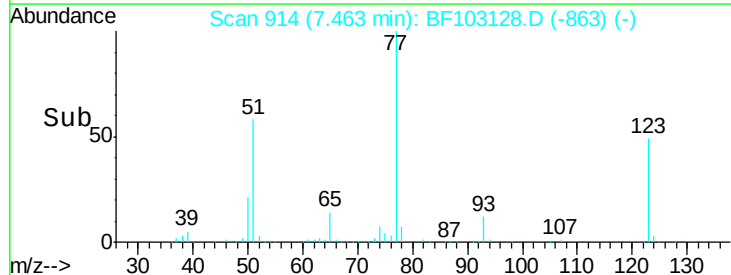
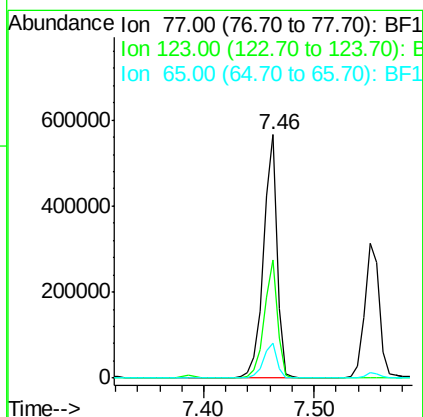
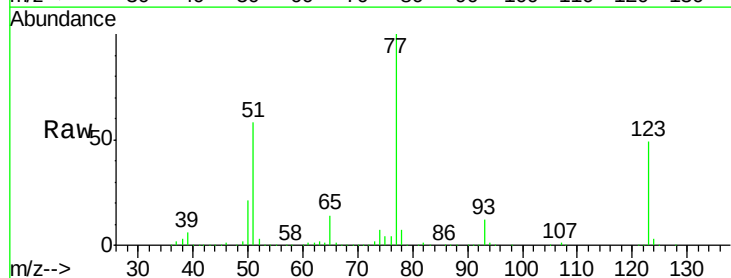
Instrument :
 BNA_F
 ClientSampleId :
 PB106423BS

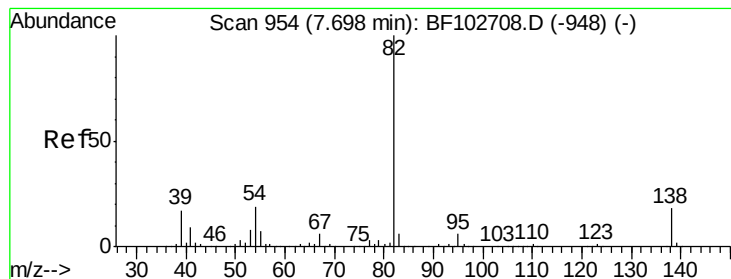
Tot Ion	82	Resp	936480
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.1	54.1
54	57.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 38.352 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

Tgt Ion	77	Resp	489183
Ion Ratio	Lower	Upper	
77	100		
123	48.7	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 36.505 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

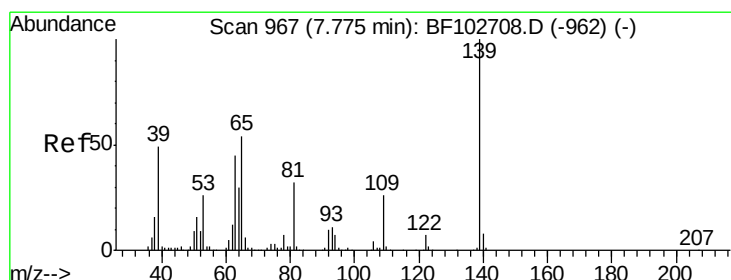
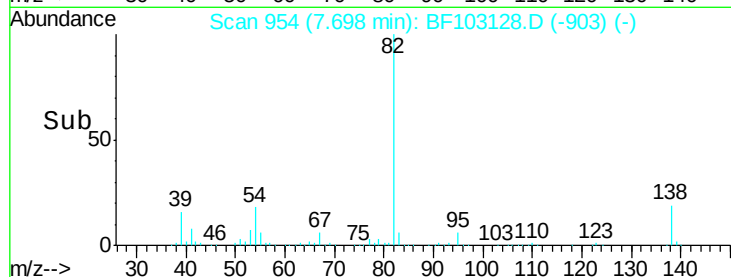
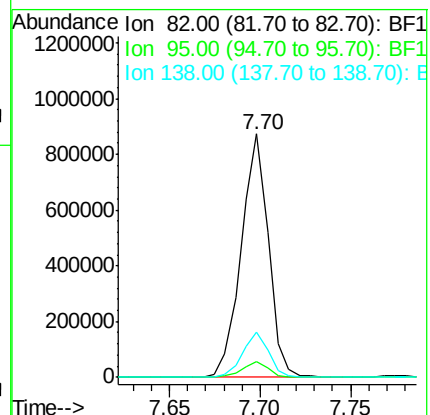
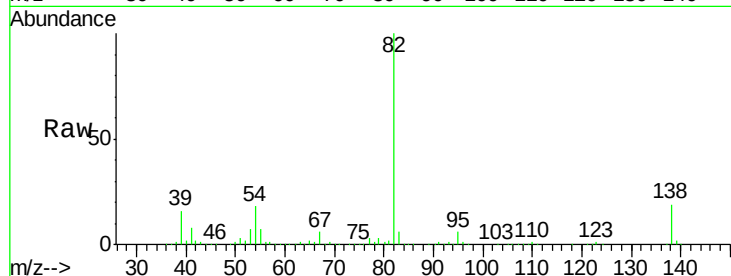
Tot Ion: 82 Resp: 911245

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 49.357 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

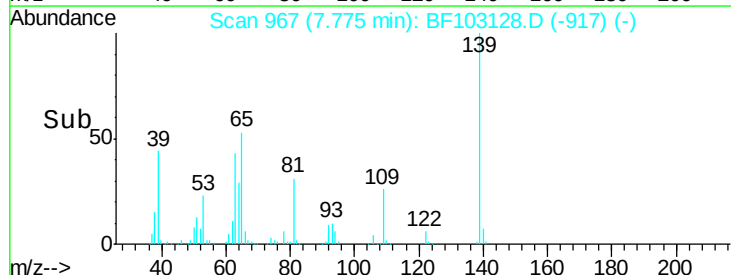
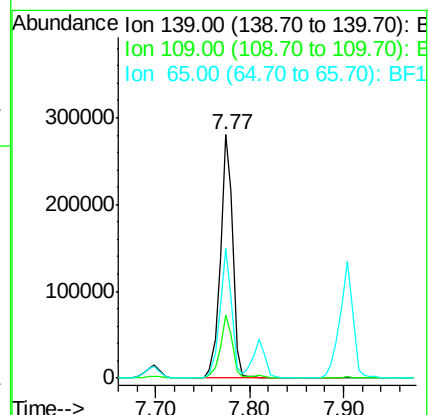
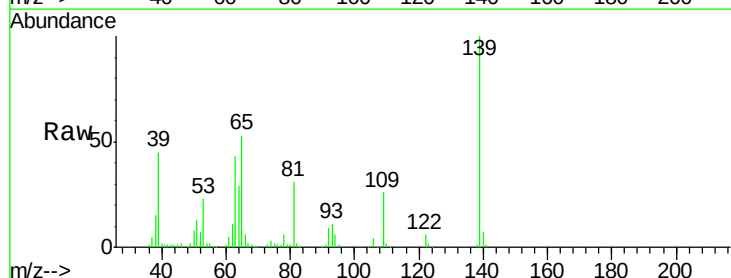
Tgt Ion: 139 Resp: 260134

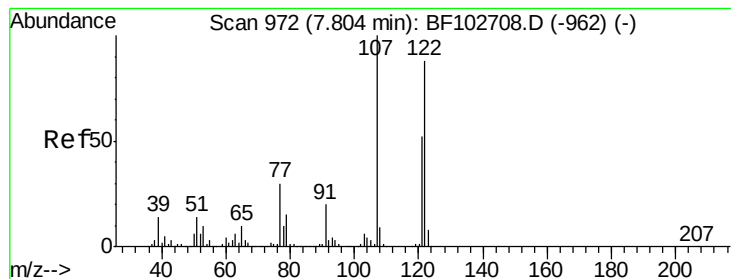
Ion Ratio Lower Upper

139 100

109 25.8 22.7 34.1

65 53.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.867 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

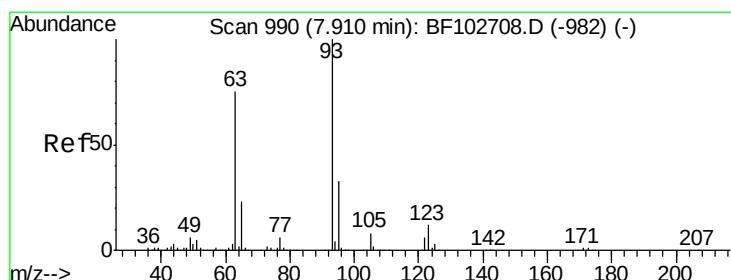
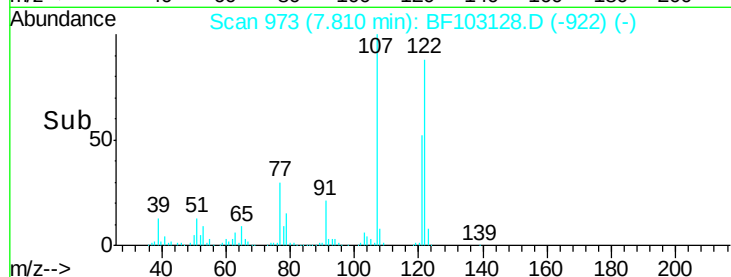
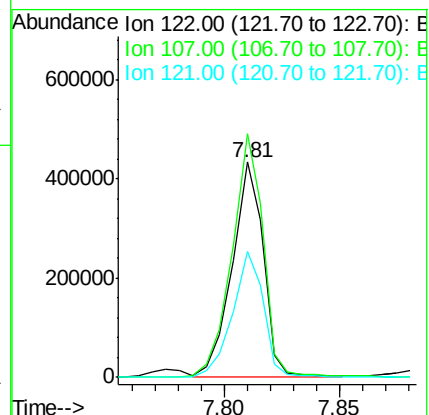
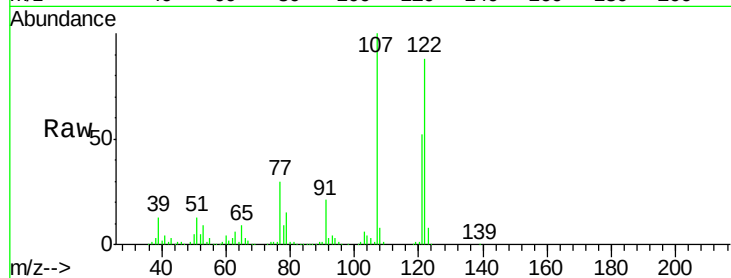
Tot Ion:122 Resp: 409890

Ion Ratio Lower Upper

122 100

107 113.2 91.2 136.8

121 58.8 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.461 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

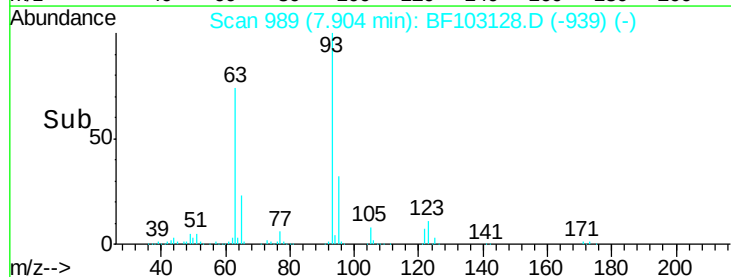
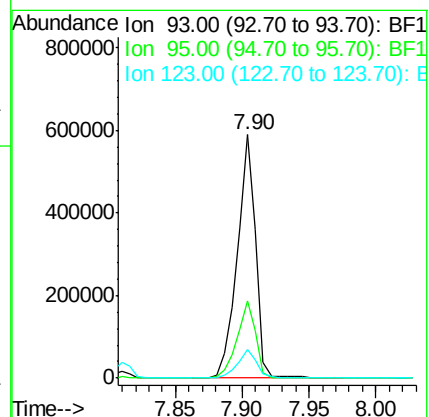
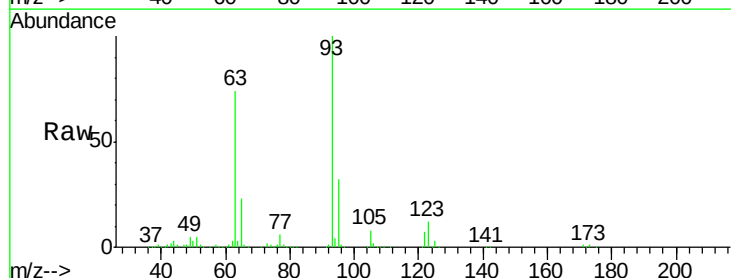
Tgt Ion: 93 Resp: 568728

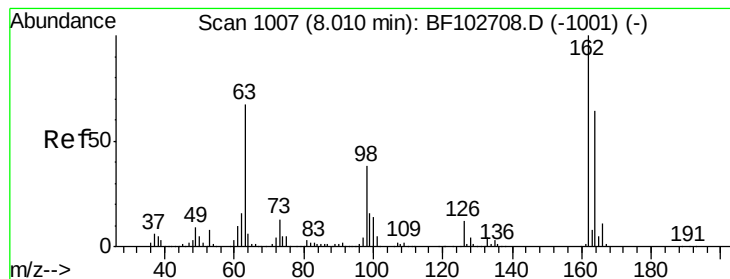
Ion Ratio Lower Upper

93 100

95 31.7 26.3 39.5

123 11.6 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 39.210 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

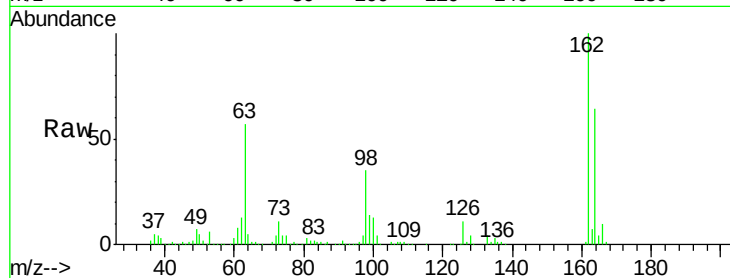
Tot Ion:162 Resp: 375910

Ion Ratio Lower Upper

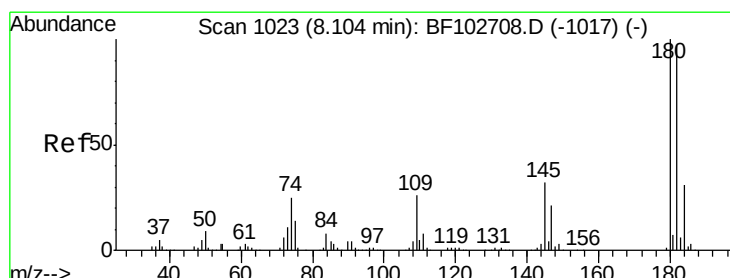
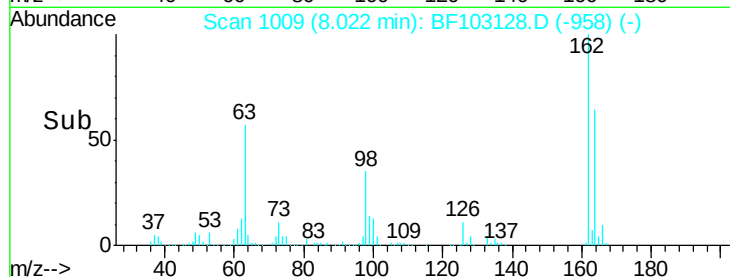
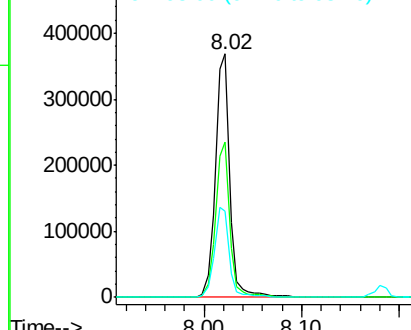
162 100

164 63.6 42.7 82.7

98 35.4 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: 34.013 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

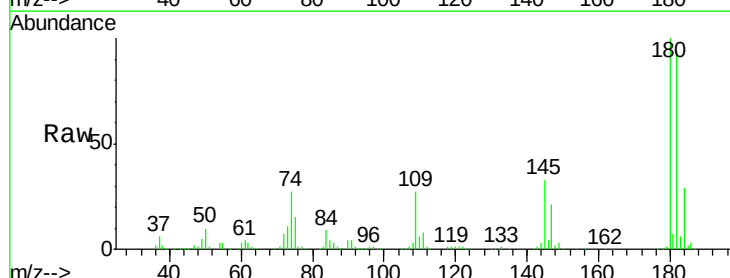
Tgt Ion:180 Resp: 368888

Ion Ratio Lower Upper

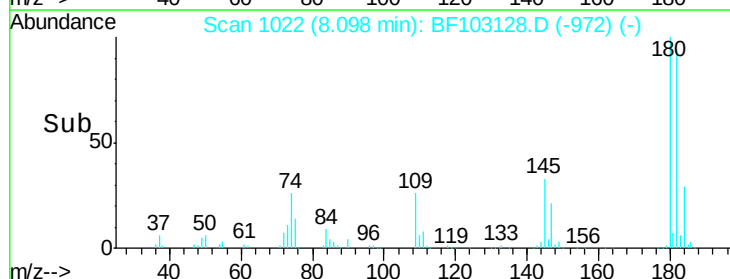
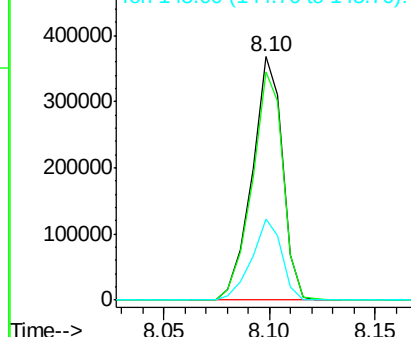
180 100

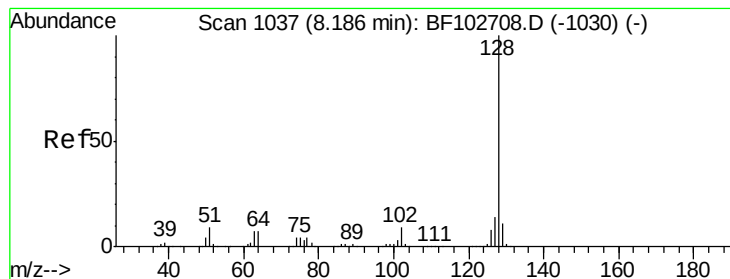
182 93.9 76.8 115.2

145 33.5 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: 34.343 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

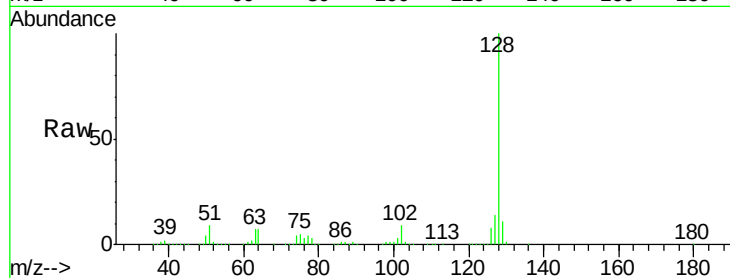
Tot Ion:128 Resp: 1261839

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

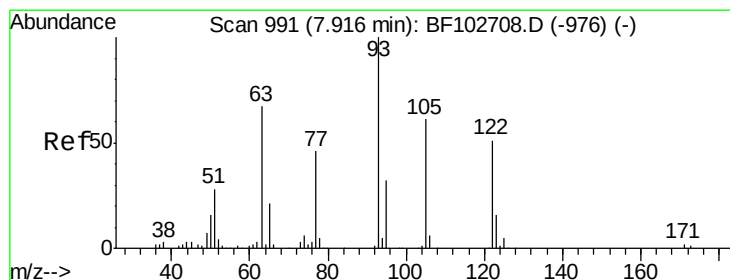
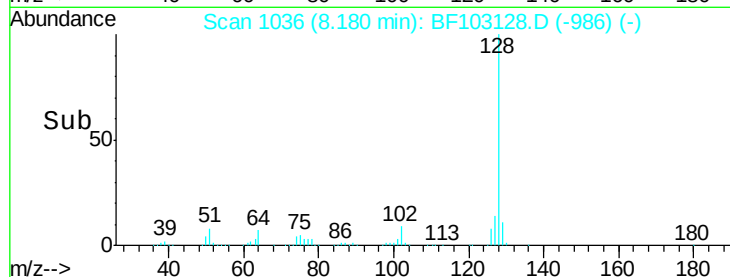
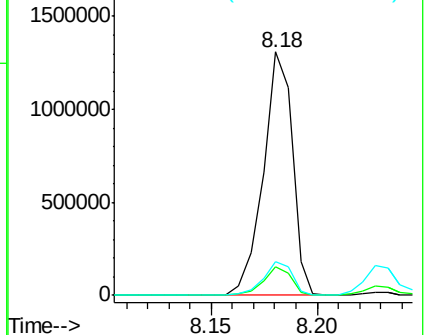
127 13.6 10.9 16.3



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: 25.176 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

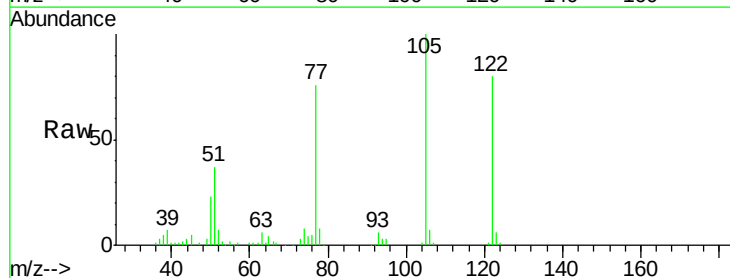
Tgt Ion:122 Resp: 137473

Ion Ratio Lower Upper

122 100

105 125.7 101.1 141.1

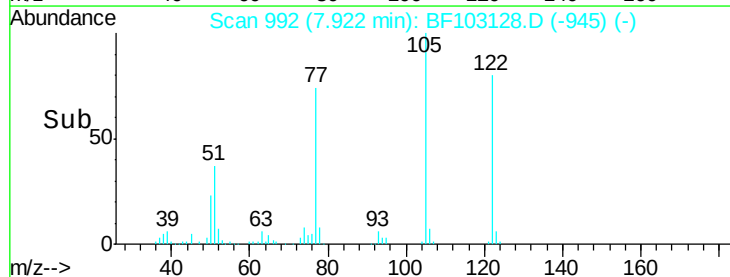
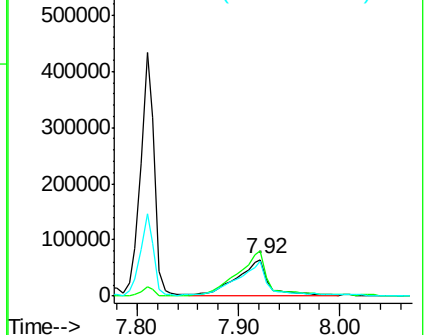
77 95.4 70.7 110.7

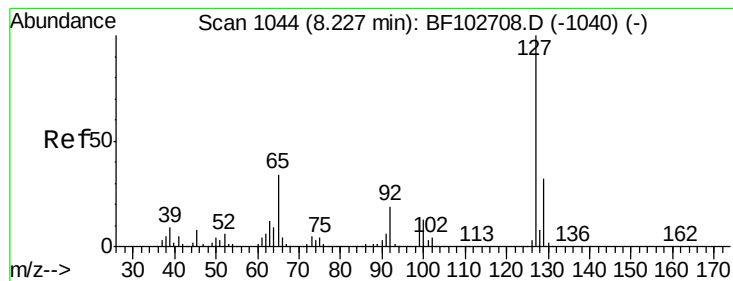


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 12.322 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

Tot Ion:127 Resp: 195040

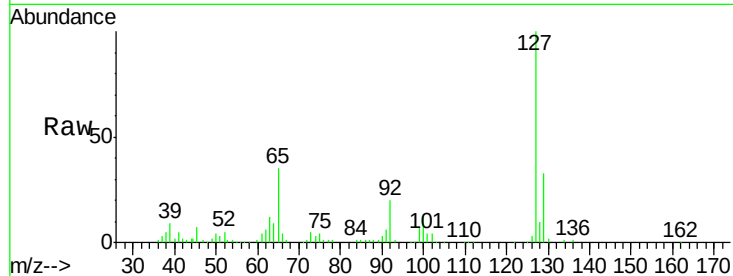
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 34.8 25.0 37.4

92 20.1 15.2 22.8

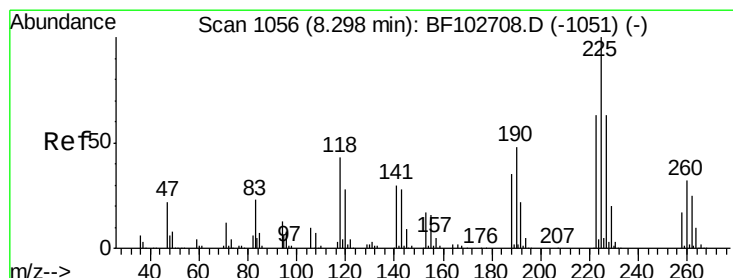
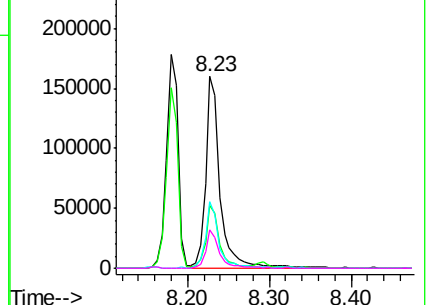
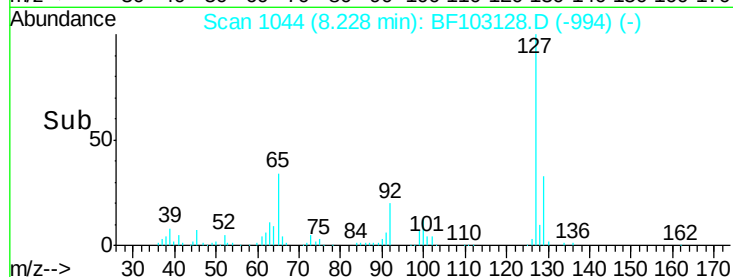


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 33.872 ng

RT: 8.29 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

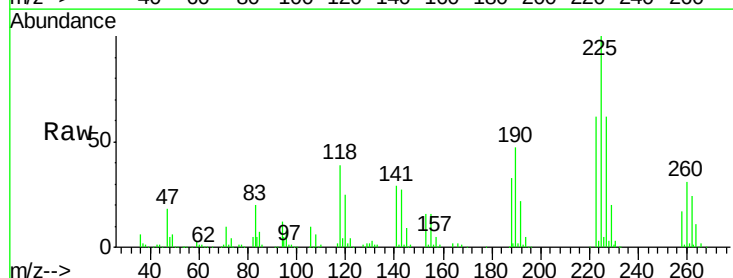
Tgt Ion:225 Resp: 188247

Ion Ratio Lower Upper

225 100

223 61.8 50.6 76.0

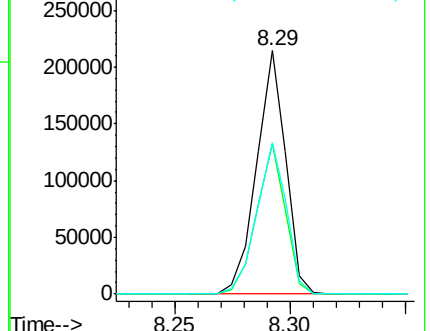
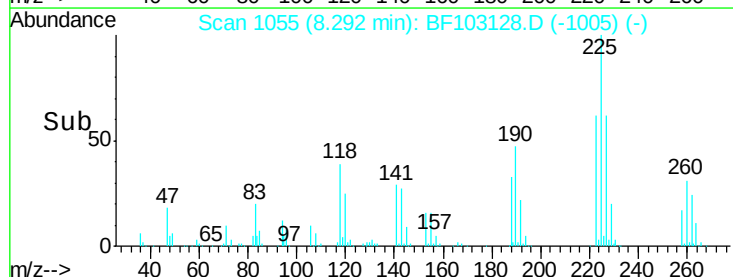
227 62.3 51.9 77.9

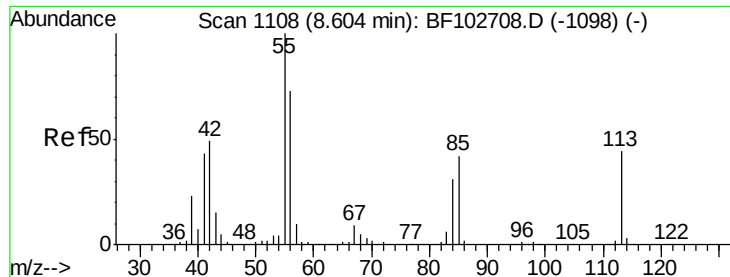


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.456 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

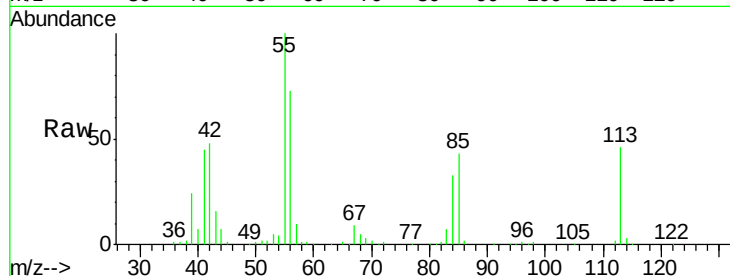
Tot Ion:113 Resp: 91412

Ion Ratio Lower Upper

113 100

55 218.7 163.3 203.3#

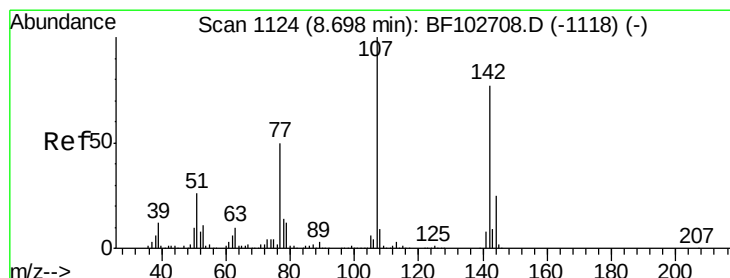
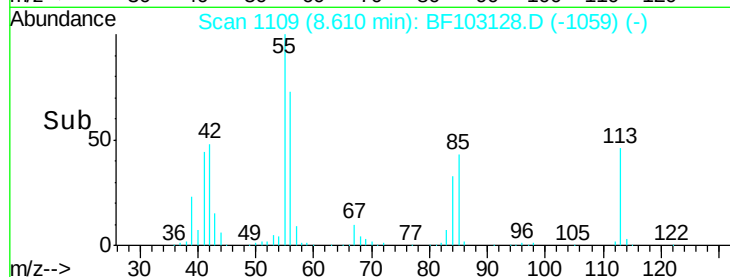
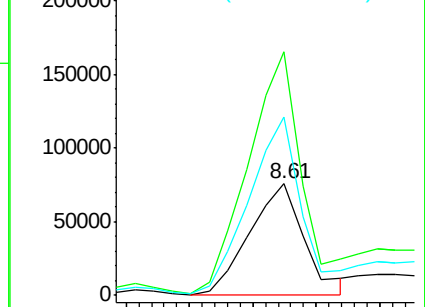
56 159.7 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.433 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

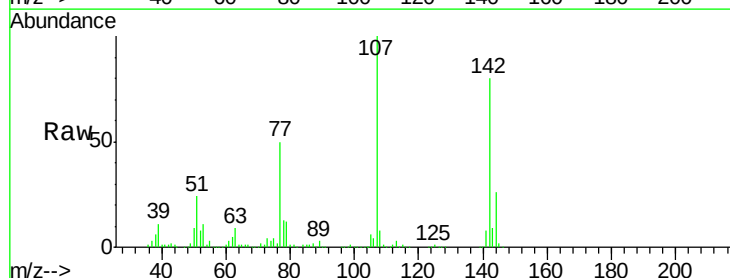
Tgt Ion:107 Resp: 413994

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

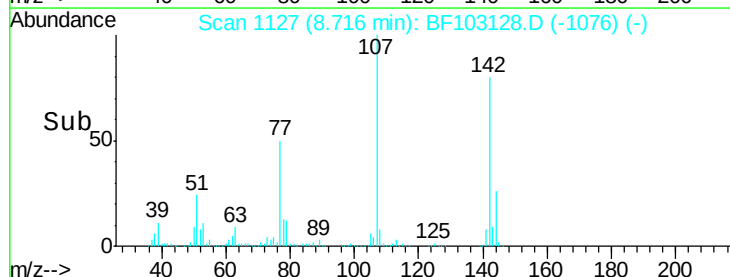
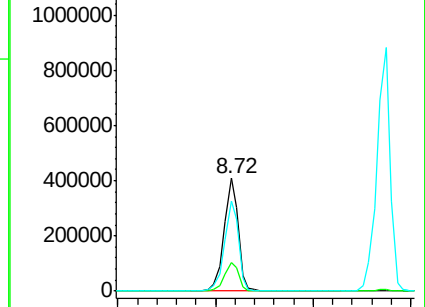
142 80.4 62.0 93.0

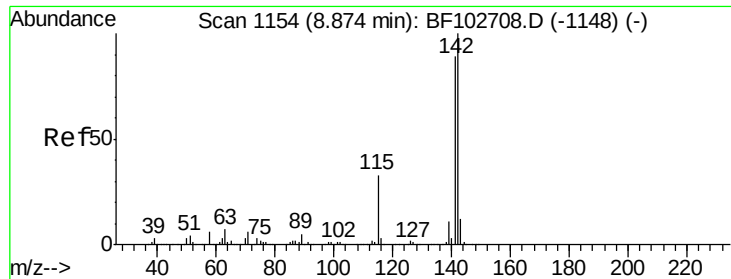


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

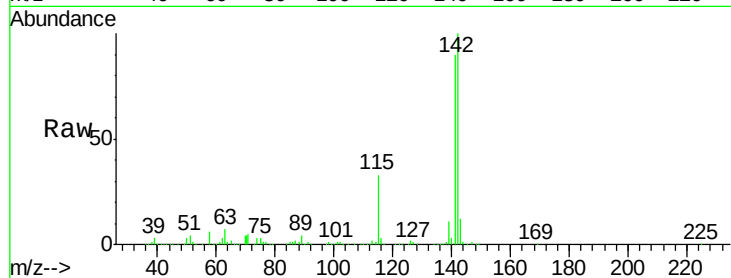




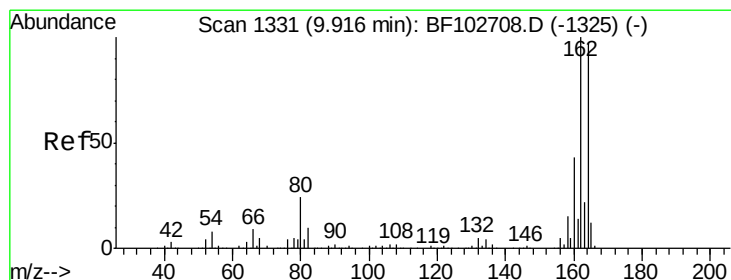
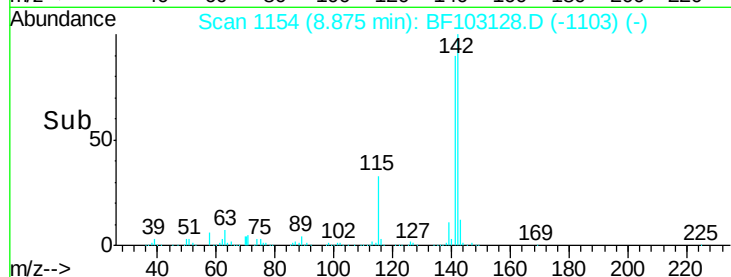
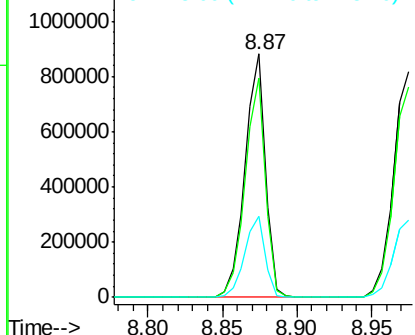
#37
2-Methylnaphthalene
Concen: 34.817 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Instrument :
BNA_F
ClientSampleId :
PB106423BS

Tot Ion:142 Resp: 837549
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2
115 33.2 26.1 39.1

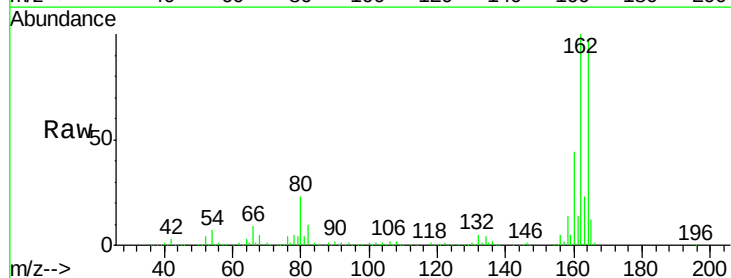


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

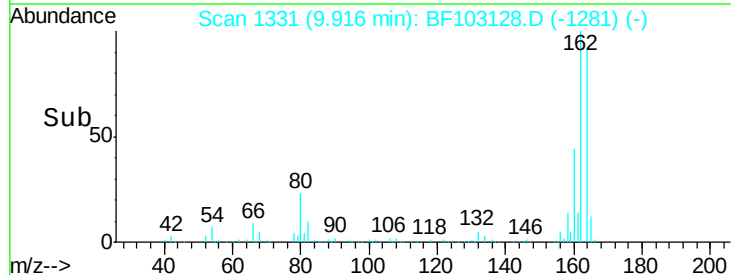
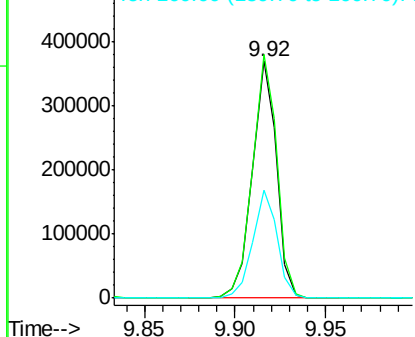


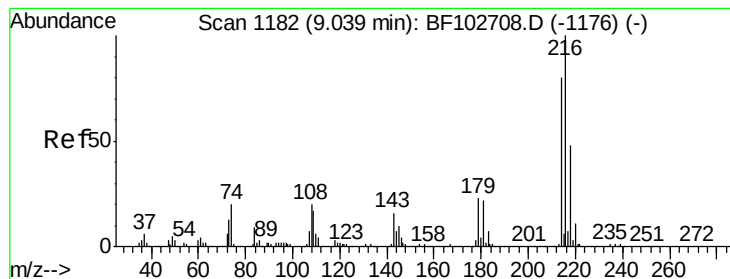
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Tgt Ion:164 Resp: 340564
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 45.5 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.195 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

Tot Ion:216 Resp: 317089

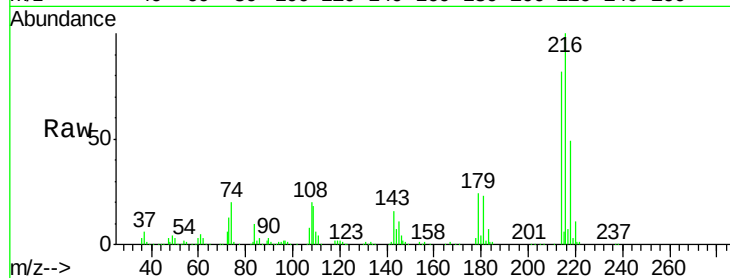
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 23.7 18.1 27.1

108 23.9 17.2 25.8

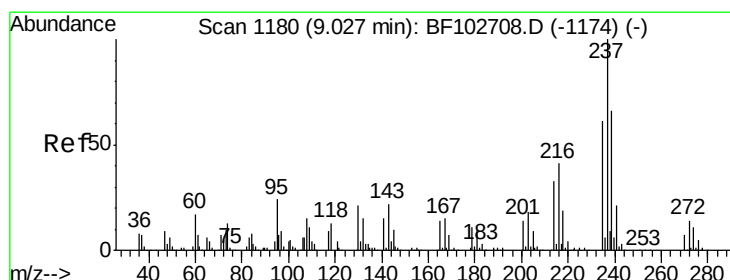
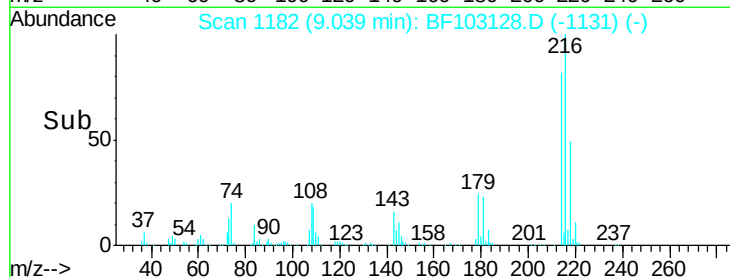
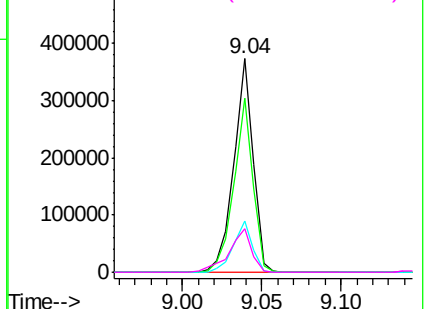


Abundance Ion 216.00 (215.70 to 216.70): E

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: 57.356 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

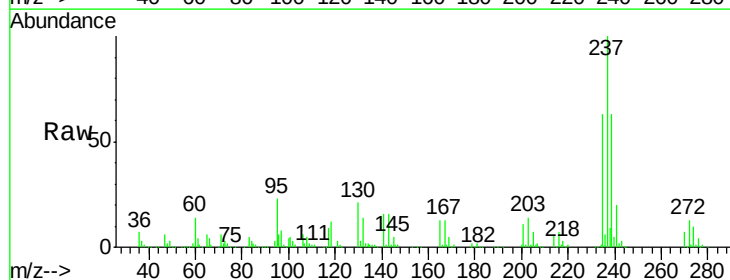
Tgt Ion:237 Resp: 252836

Ion Ratio Lower Upper

237 100

235 62.5 44.8 84.8

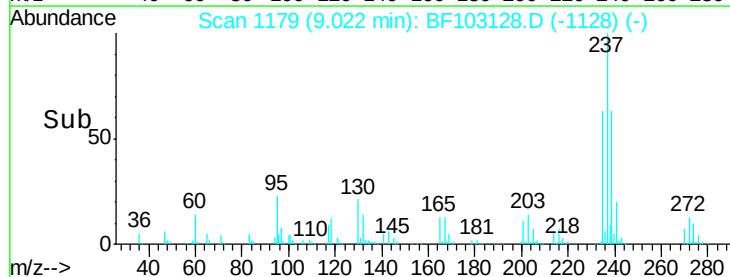
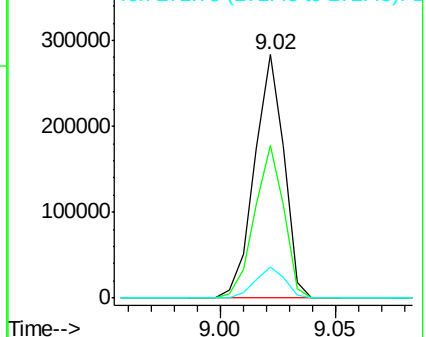
272 12.6 0.0 33.3

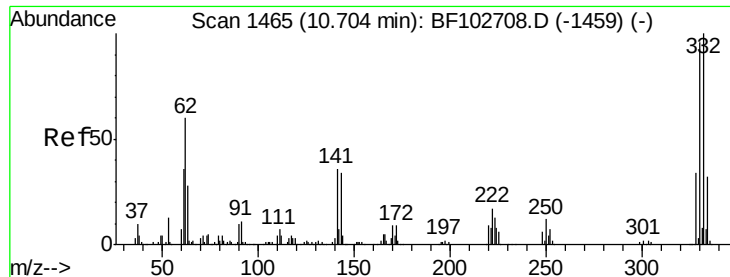


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 112.061 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

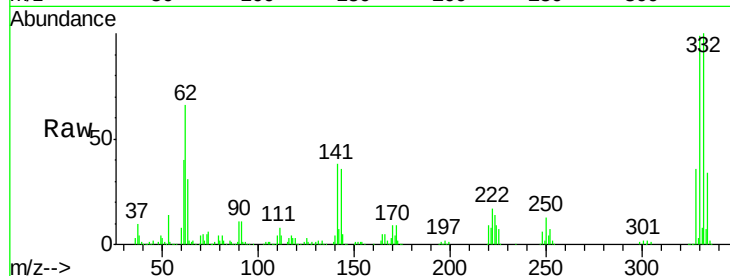
Tot Ion:330 Resp: 307176

Ion Ratio Lower Upper

330 100

332 99.9 77.0 115.6

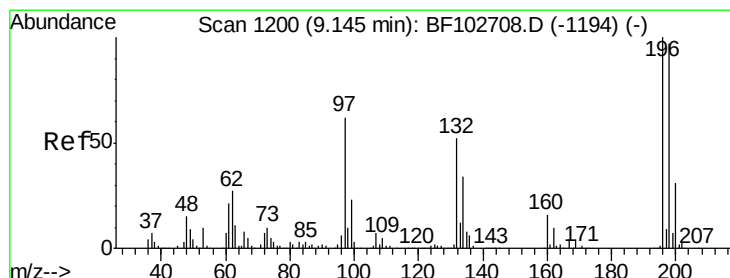
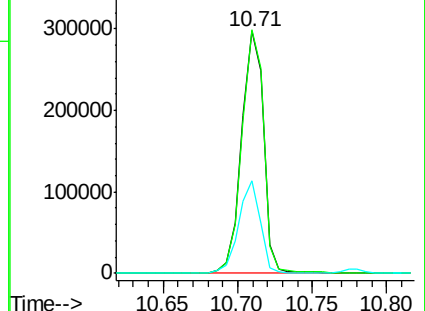
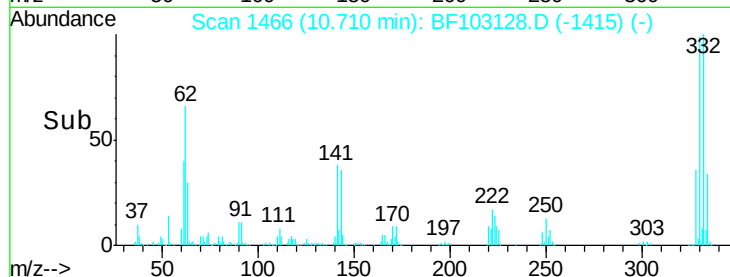
141 37.9 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.133 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

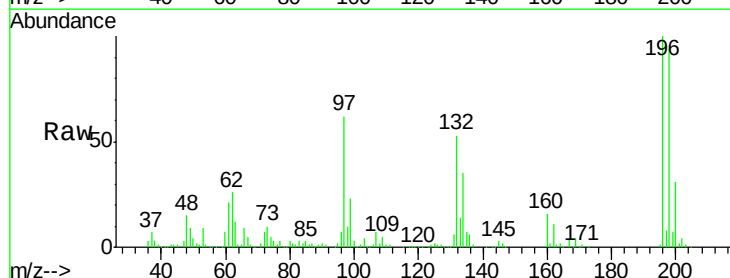
Tgt Ion:196 Resp: 238349

Ion Ratio Lower Upper

196 100

198 93.7 75.7 113.5

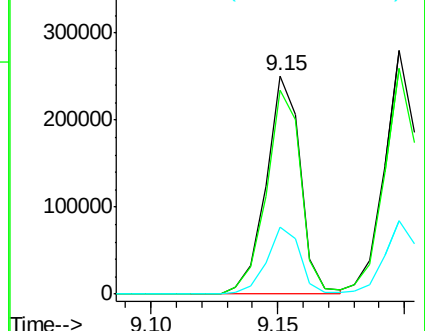
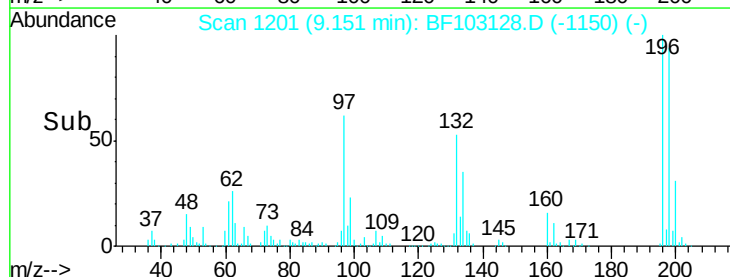
200 30.8 24.5 36.7

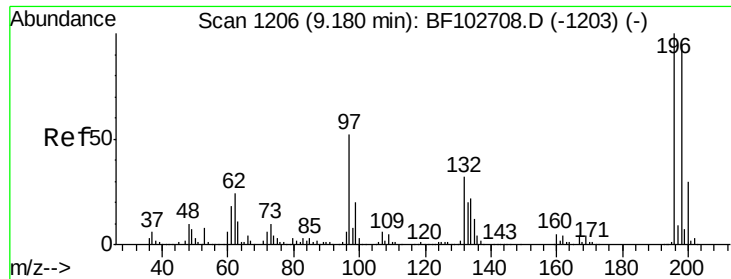


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

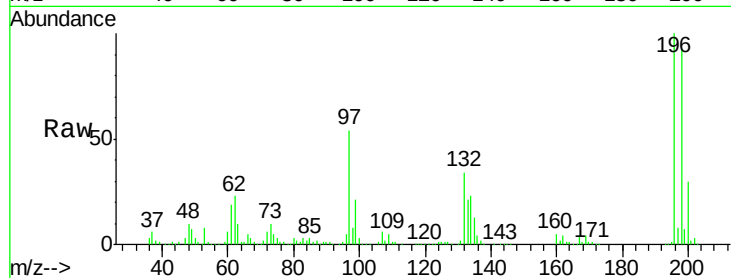




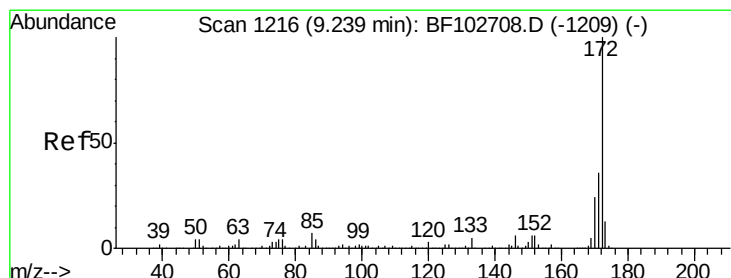
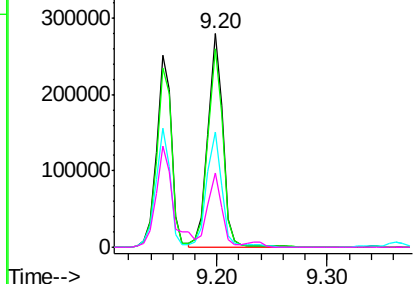
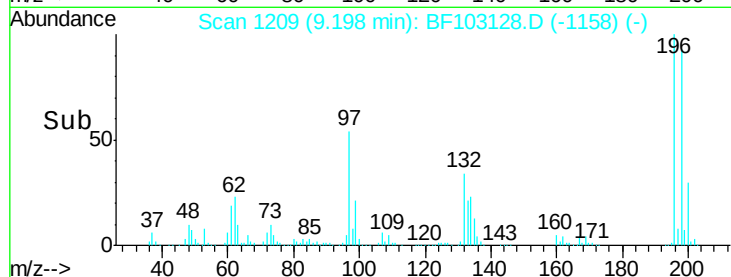
#43
 2,4,5-Trichlorophenol
 Concen: 36.971 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB106423BS

Tot Ion:	196	Resp:	253802
Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.6	112.0
97	53.7	42.9	64.3
132	34.5	26.3	39.5

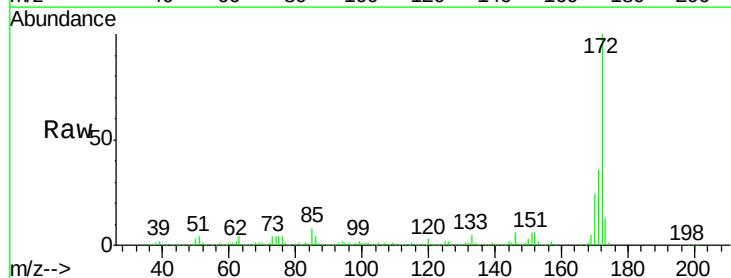


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

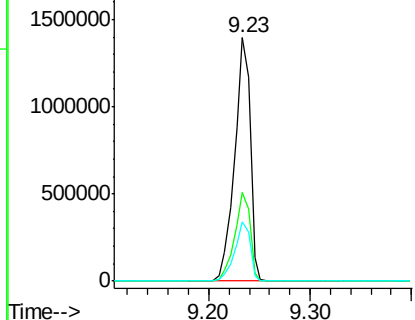
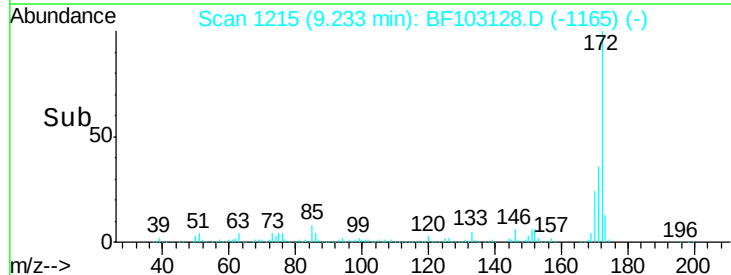


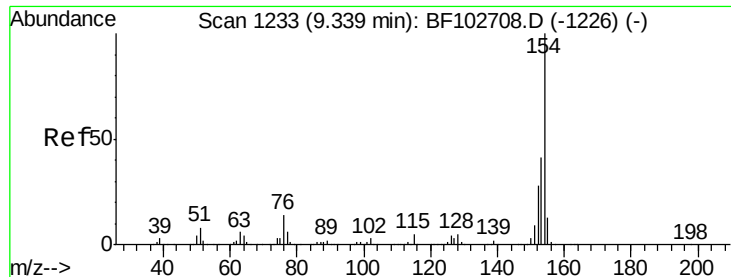
#44
 2-Fluorobiphenyl
 Concen: 72.675 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

Tgt Ion:	172	Resp:	1491573
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 33.704 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

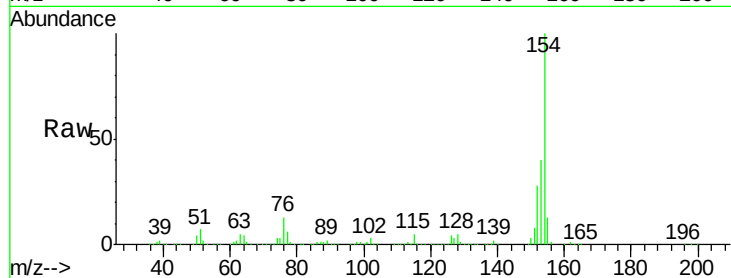
Tot Ion:154 Resp: 966788

Ion Ratio Lower Upper

154 100

153 40.3 21.3 61.3

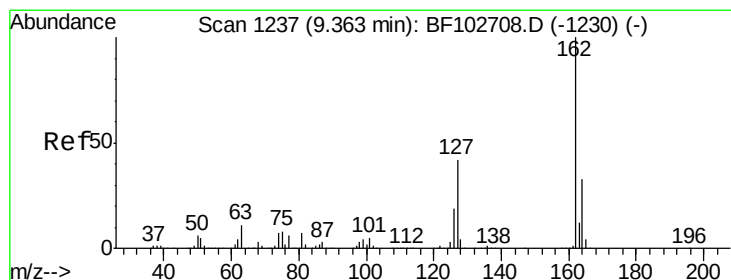
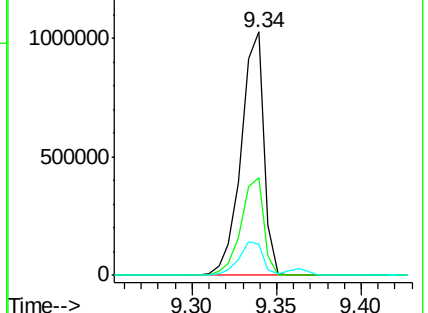
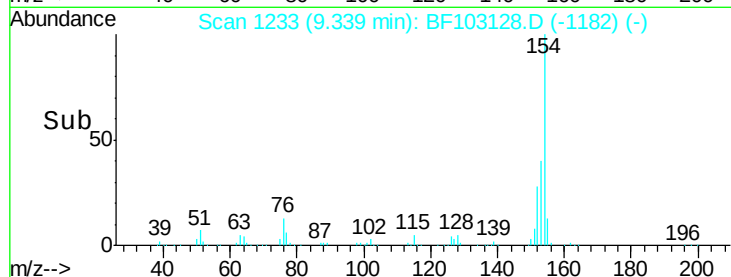
76 13.0 0.0 34.0



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: 34.541 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

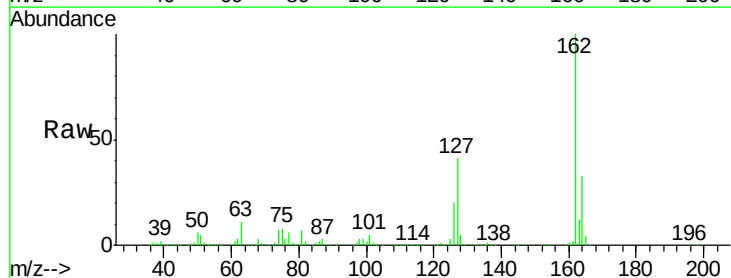
Tgt Ion:162 Resp: 780018

Ion Ratio Lower Upper

162 100

127 41.1 33.9 50.9

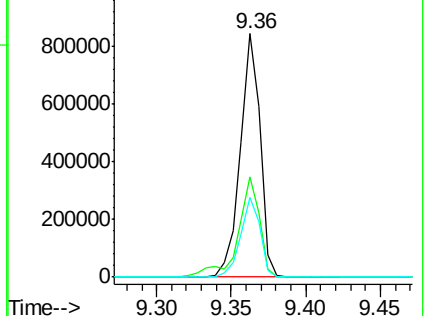
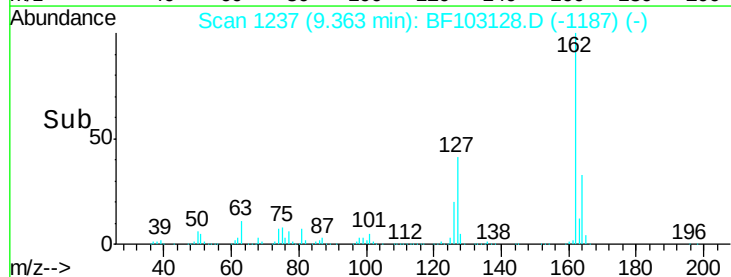
164 32.9 26.5 39.7

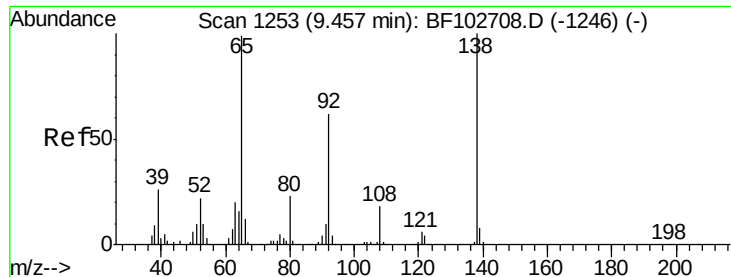


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.259 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

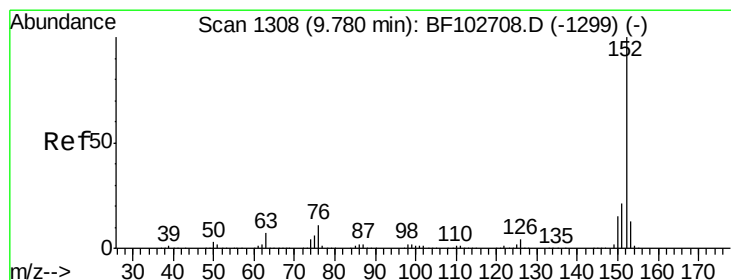
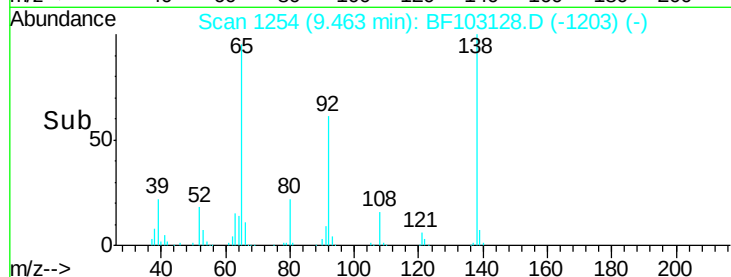
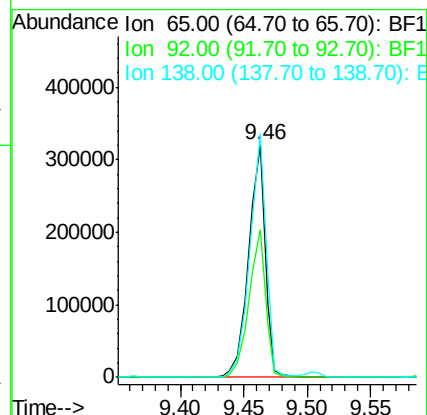
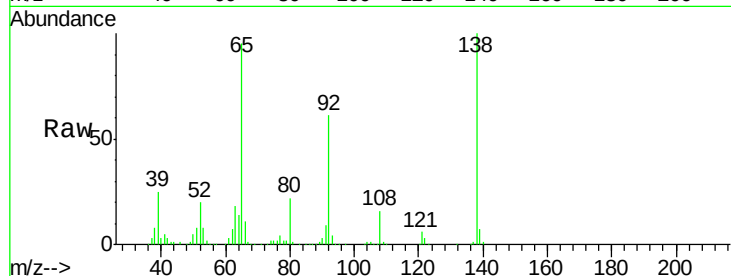
Tot Ion: 65 Resp: 291358

Ion Ratio Lower Upper

65 100

92 63.7 55.8 83.6

138 104.8 91.2 136.8



#48

Acenaphthylene

Concen: 33.436 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

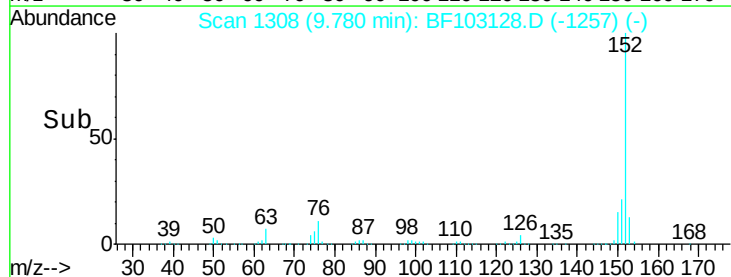
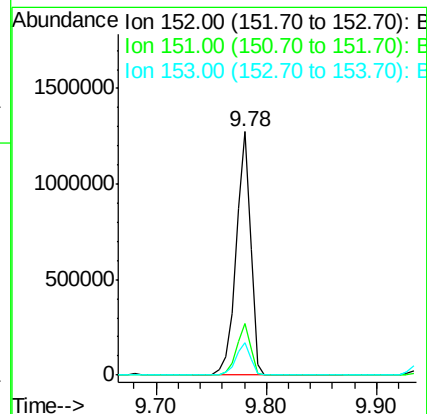
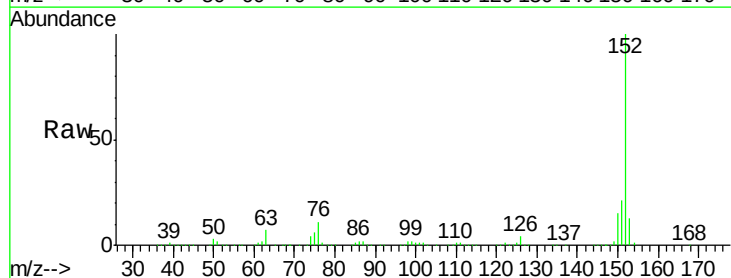
Tgt Ion: 152 Resp: 1172763

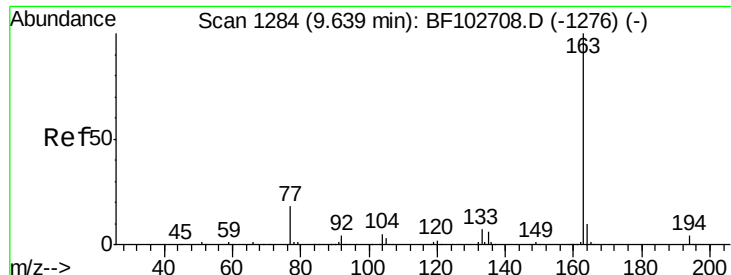
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 13.2 10.7 16.1

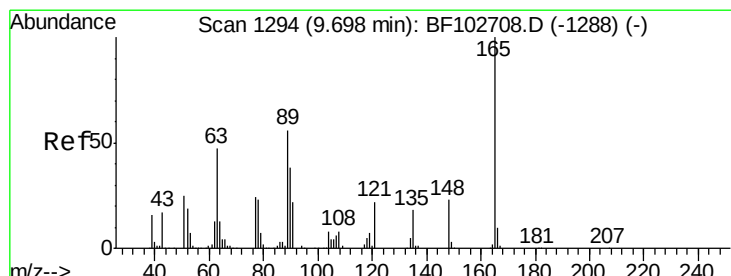
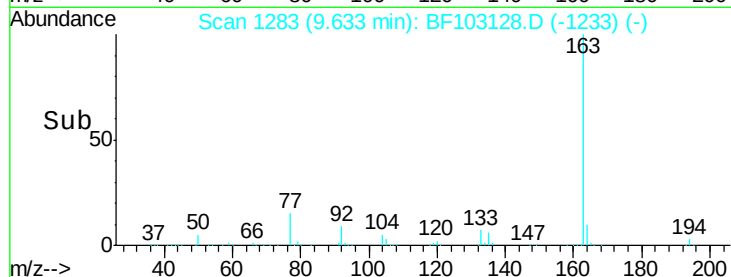
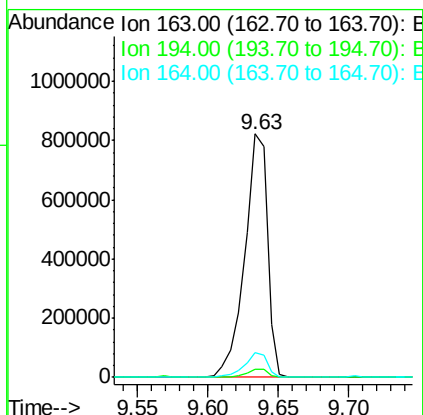
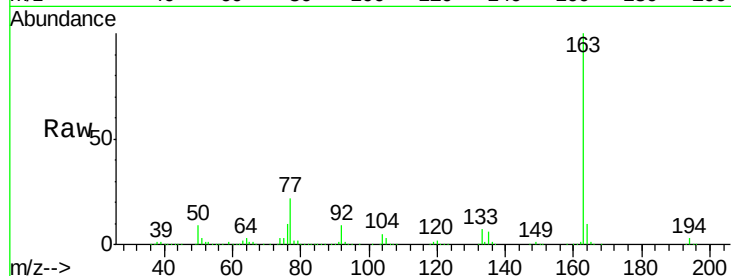




#49
Dimethylphthalate
Concen: 35.067 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

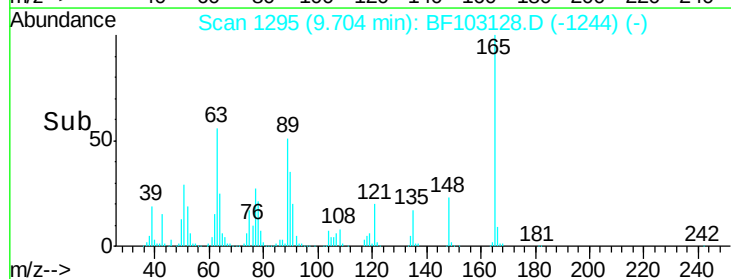
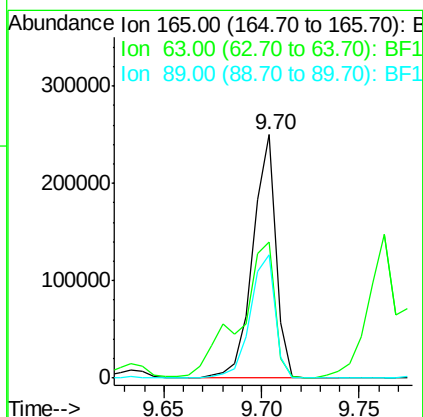
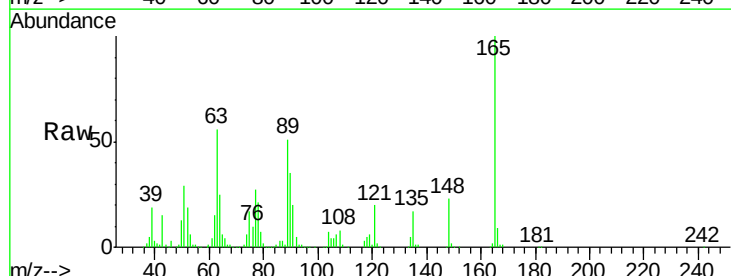
Instrument :
BNA_F
ClientSampleId :
PB106423BS

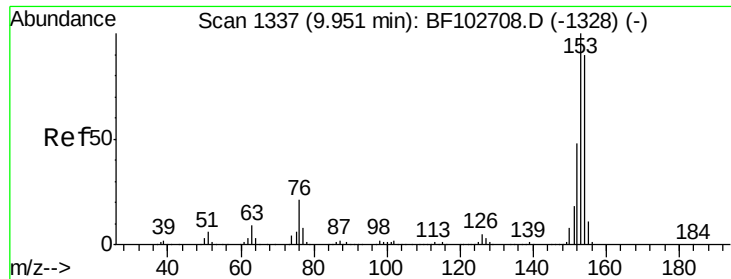
Tot Ion:163 Resp: 931197
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 40.690 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Tgt Ion:165 Resp: 205566
Ion Ratio Lower Upper
165 100
63 56.1 44.7 67.1
89 50.8 44.0 66.0





#51

Acenaphthene

Concen: 32.439 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

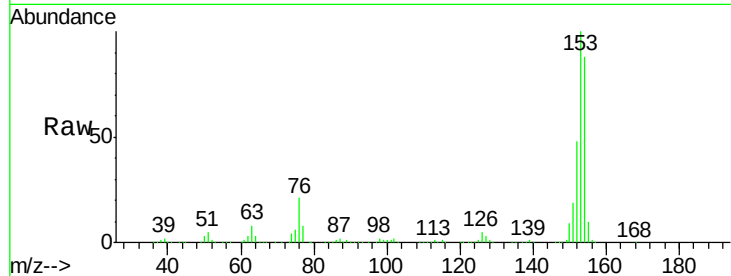
Tot Ion:154 Resp: 680442

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

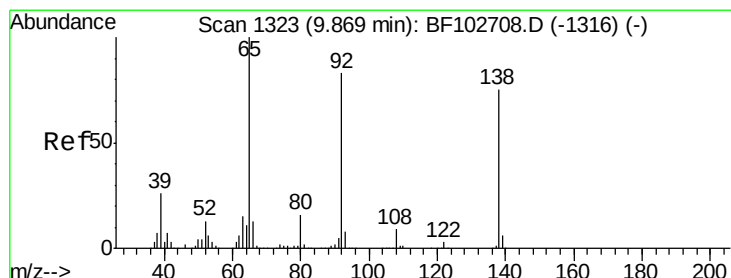
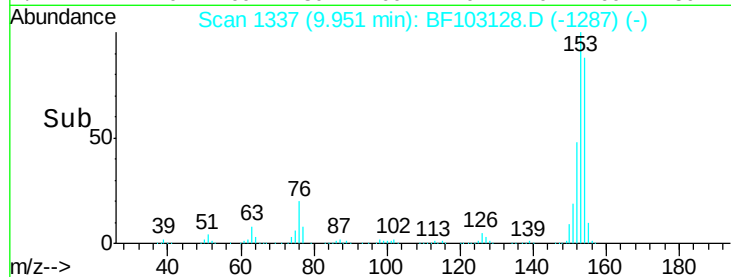
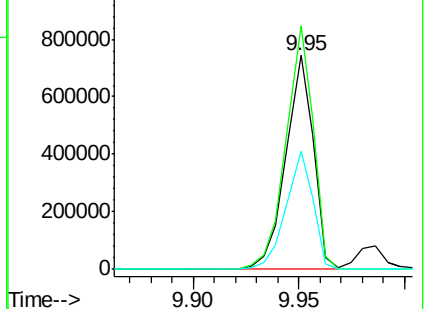
152 55.1 43.8 65.8



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: 25.141 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

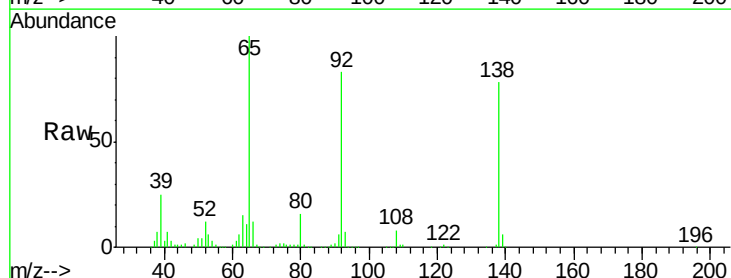
Tgt Ion:138 Resp: 156285

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

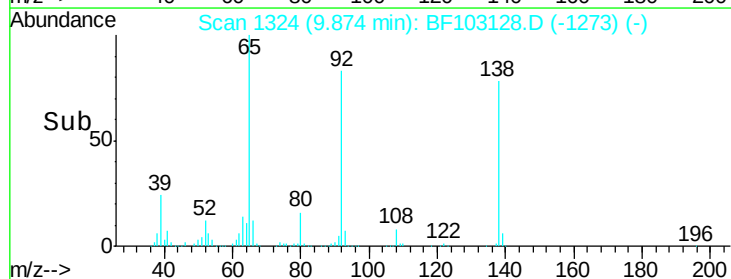
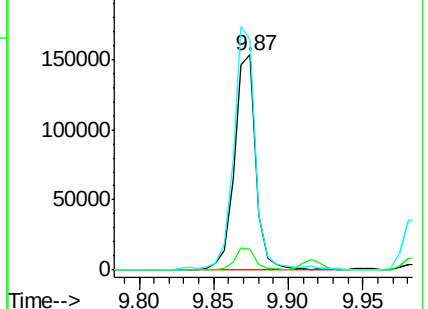
92 107.1 89.4 134.2

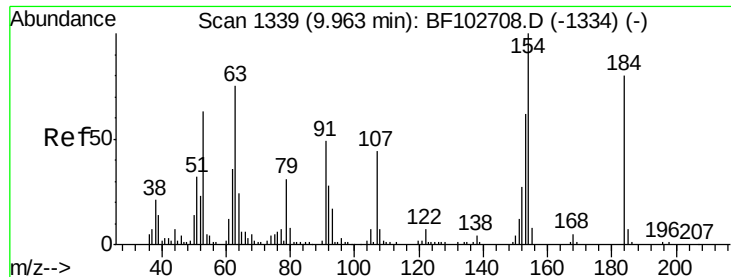


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

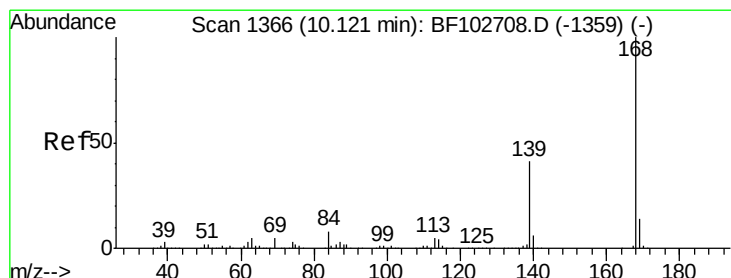
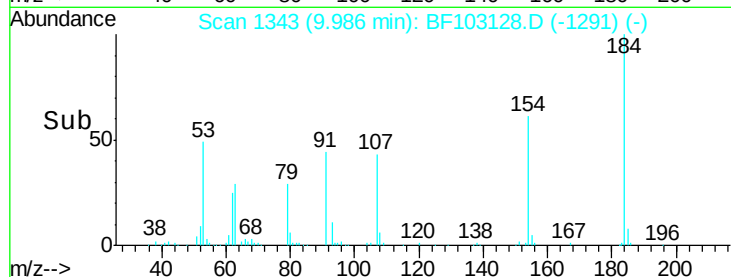
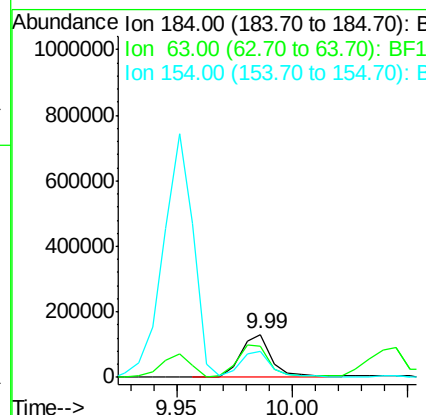
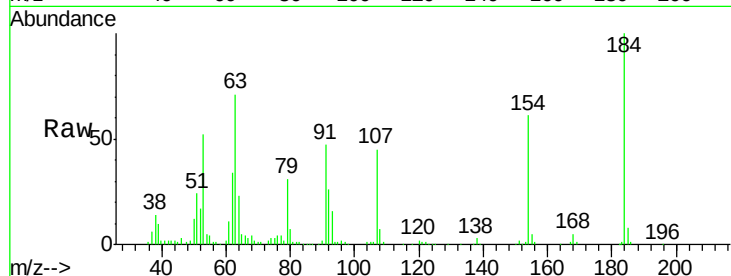




#53
 2,4-Dinitrophenol
 Concen: 74.992 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

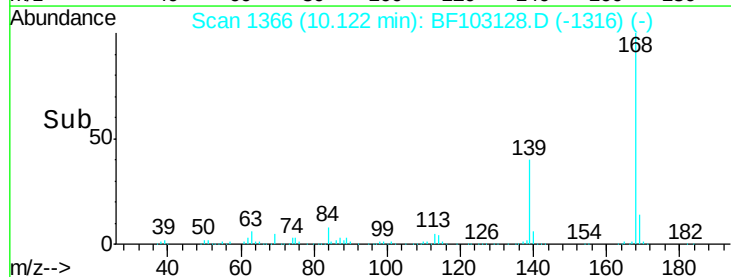
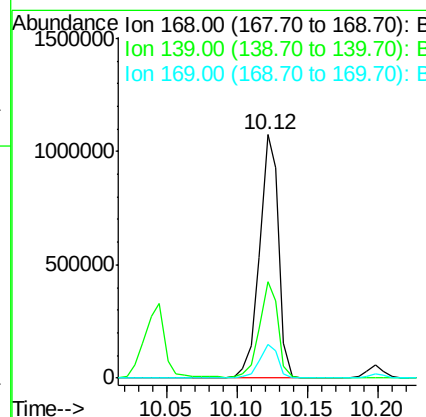
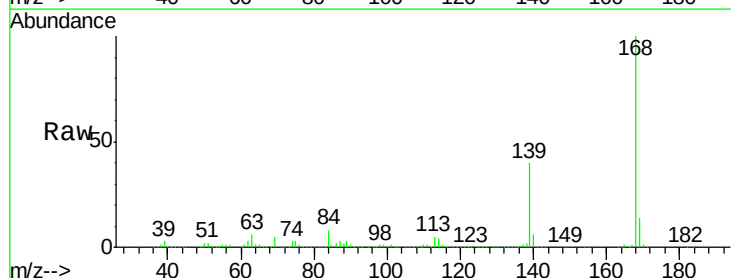
Instrument :
 BNA_F
 ClientSampled :
 PB106423BS

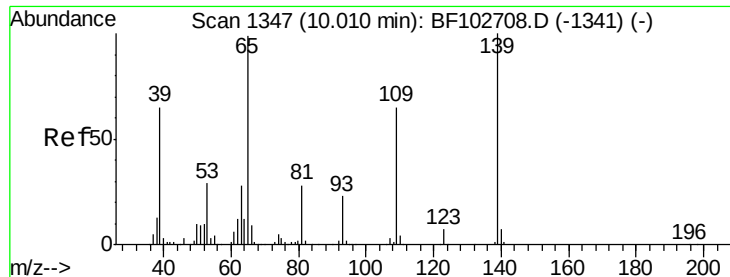
Tot Ion:184 Resp: 121726
 Ion Ratio Lower Upper
 184 100
 63 71.1 54.2 81.2
 154 61.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 34.634 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

Tgt Ion:168 Resp: 1023802
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.1 45.1
 169 13.9 10.9 16.3

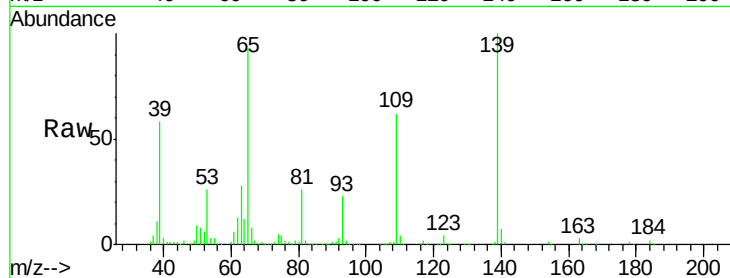




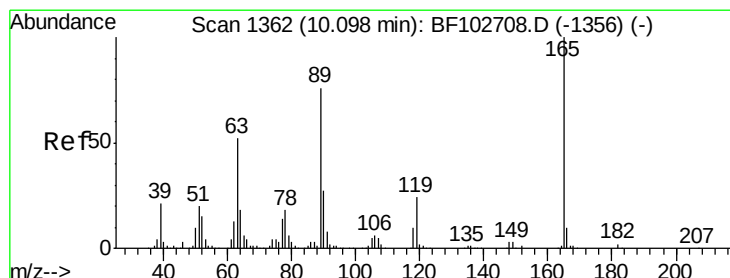
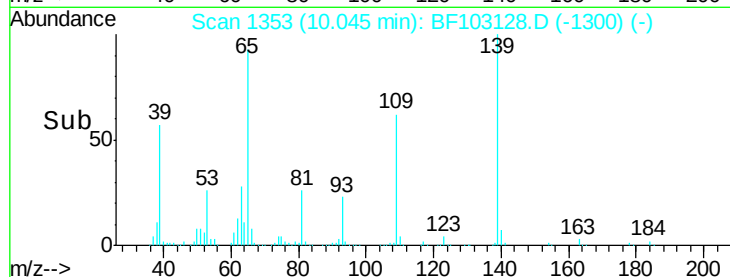
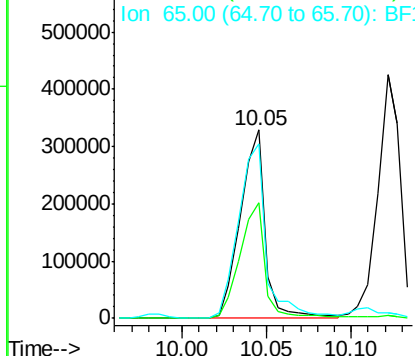
#55
4-Nitrophenol
Concen: 66.725 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Instrument :
BNA_F
ClientSampleId :
PB106423BS

Tot Ion:139 Resp: 337270
Ion Ratio Lower Upper
139 100
109 61.5 48.4 88.4
65 92.8 72.6 112.6

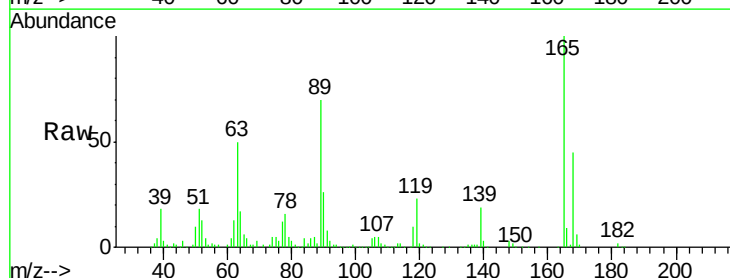


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

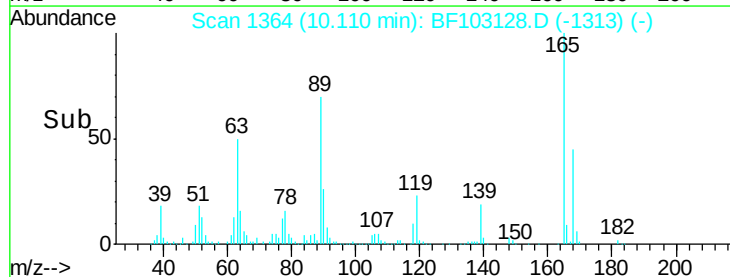
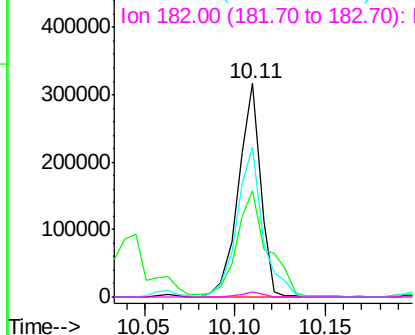


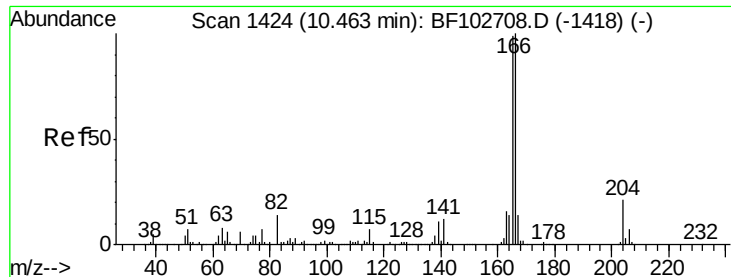
#56
2,4-Dinitrotoluene
Concen: 40.306 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Tgt Ion:165 Resp: 269528
Ion Ratio Lower Upper
165 100
63 49.9 36.4 54.6
89 70.4 57.8 86.6
182 2.3 1.6 2.4



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

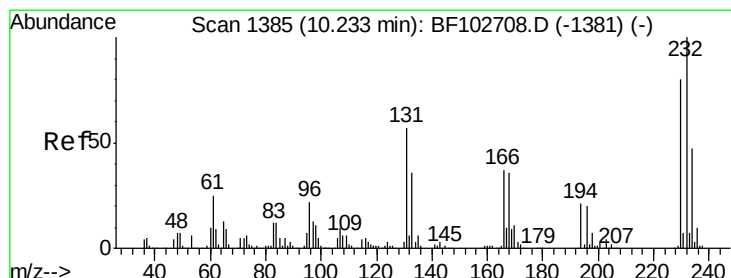
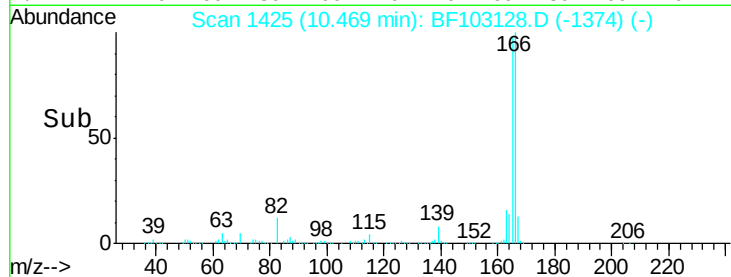
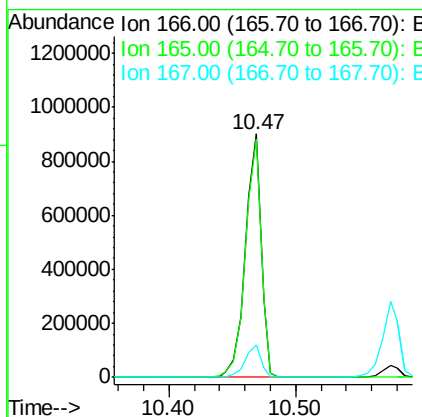
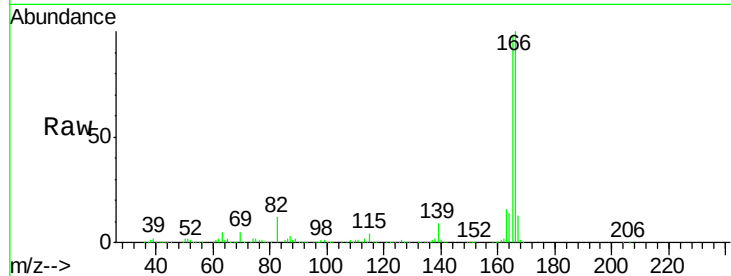




#57
 Fluorene
 Concen: 36.012 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

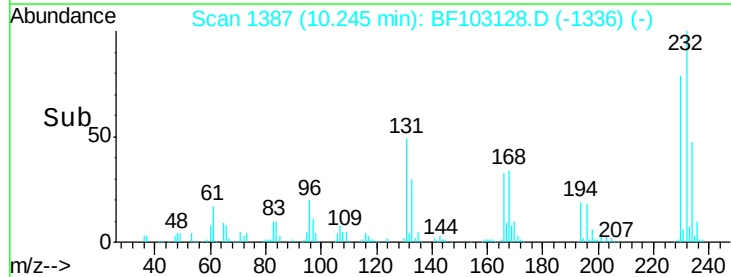
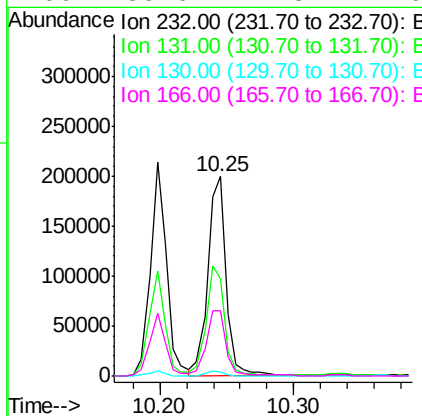
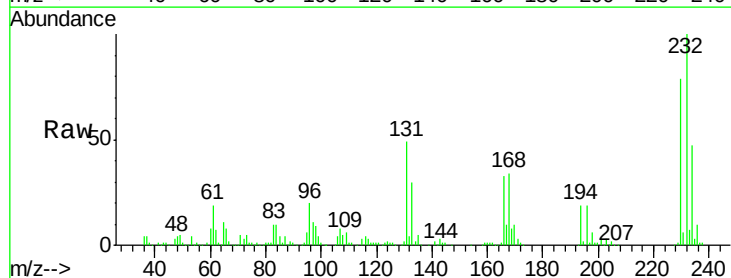
Instrument :
 BNA_F
 ClientSampleId :
 PB106423BS

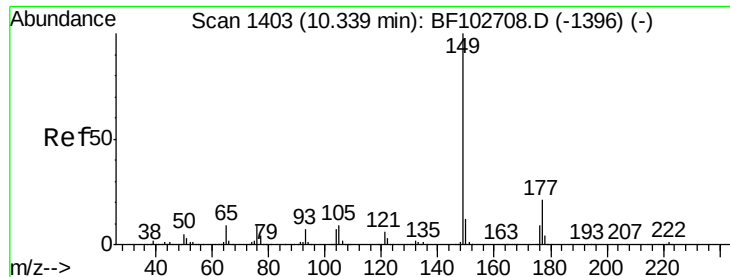
Tot Ion:166 Resp: 774528
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.369 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

Tgt Ion:232 Resp: 192071
 Ion Ratio Lower Upper
 232 100
 131 55.7 43.8 65.8
 130 2.5 2.1 3.1
 166 35.6 27.8 41.6

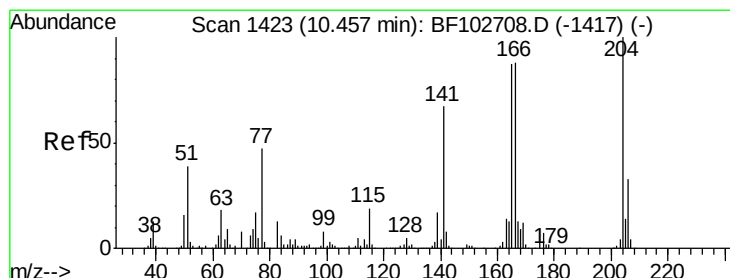
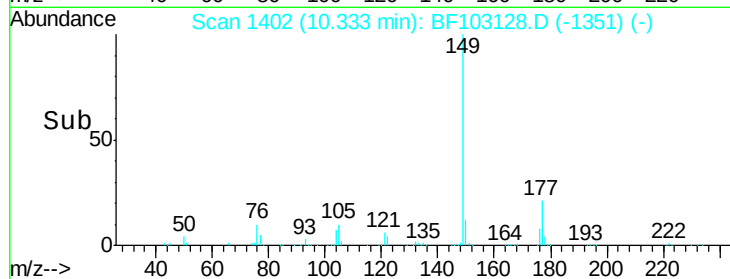
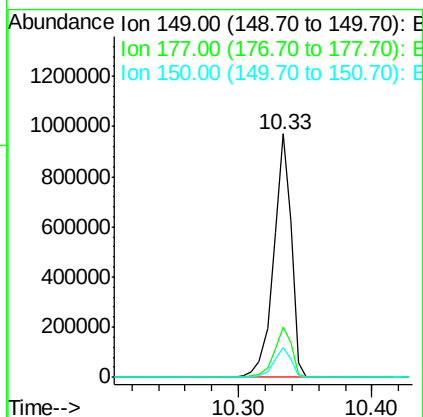
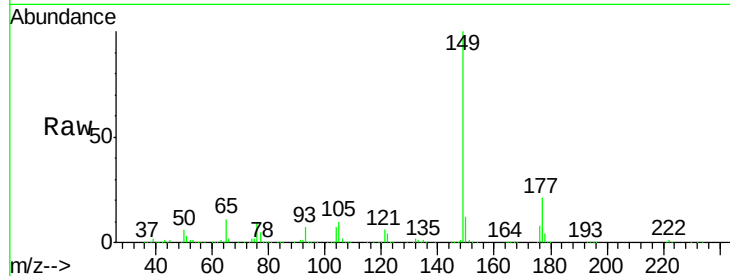




#59
Diethylphthalate
Concen: 34.044 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

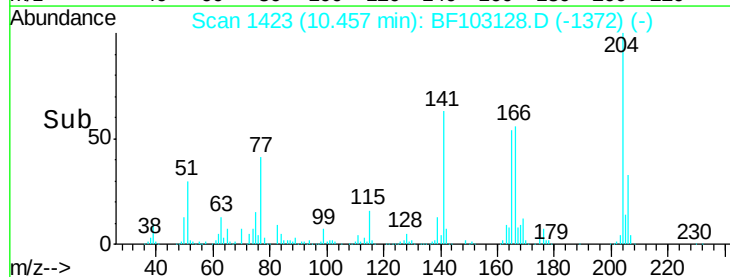
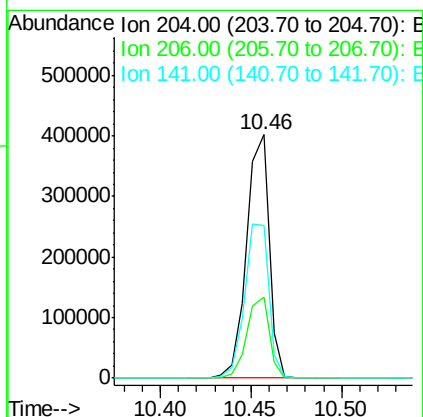
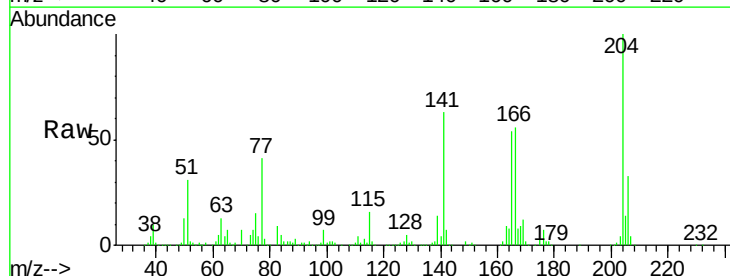
Instrument :
BNA_F
ClientSampleId :
PB106423BS

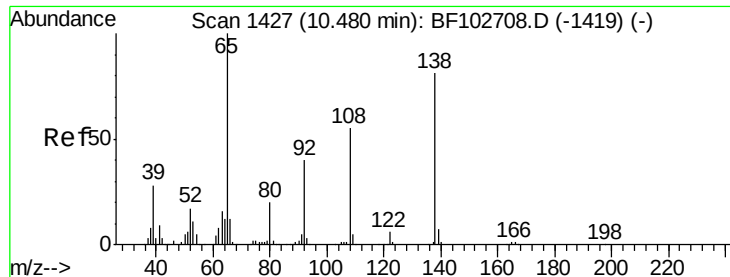
Tot Ion:149 Resp: 892649
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.722 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Tgt Ion:204 Resp: 349385
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 62.8 54.6 81.8

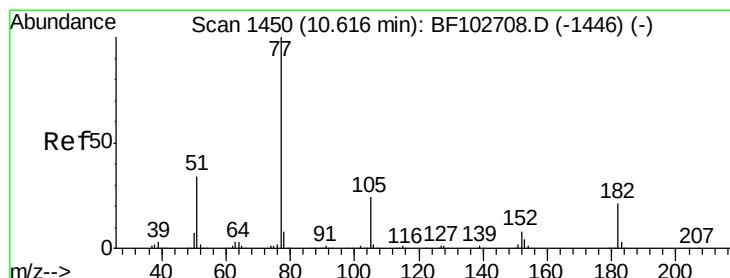
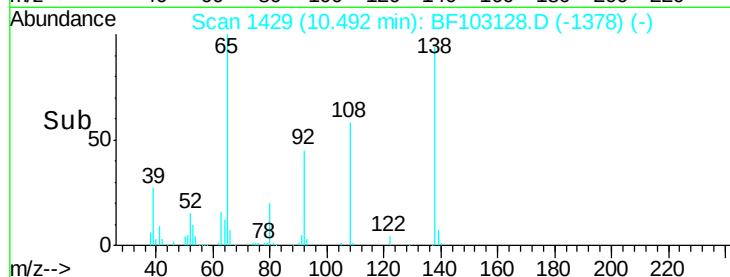
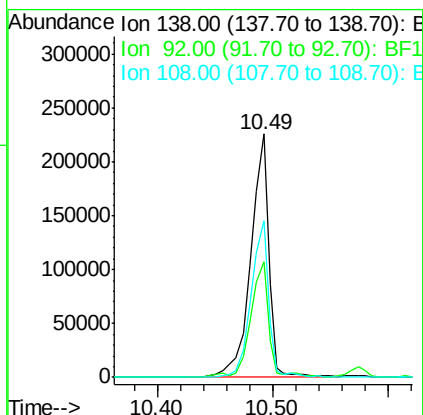
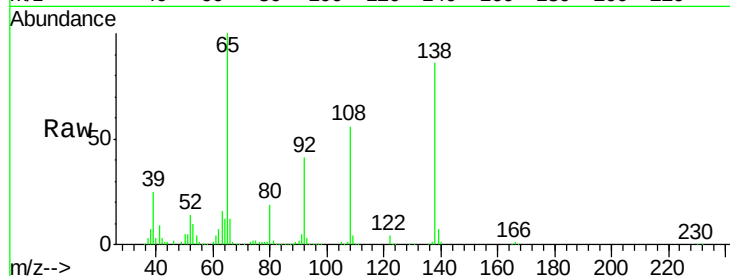




#61
4-Nitroaniline
Concen: 41.525 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

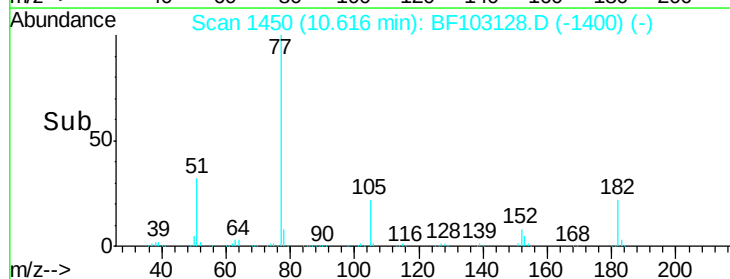
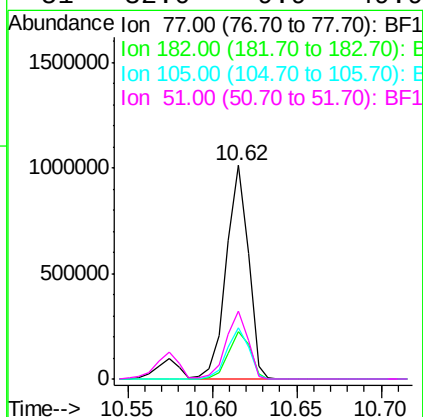
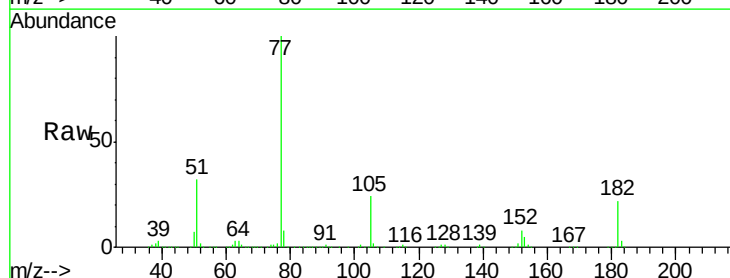
Instrument :
BNA_F
ClientSampleId :
PB106423BS

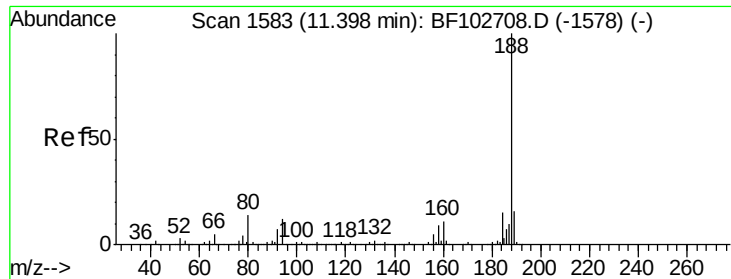
Tot Ion:138 Resp: 245704
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 64.2 52.5 92.5



#62
Azobenzene
Concen: 34.964 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Tgt Ion: 77 Resp: 915850
Ion Ratio Lower Upper
77 100
182 22.2 1.7 41.7
105 24.2 3.0 43.0
51 32.0 9.9 49.9

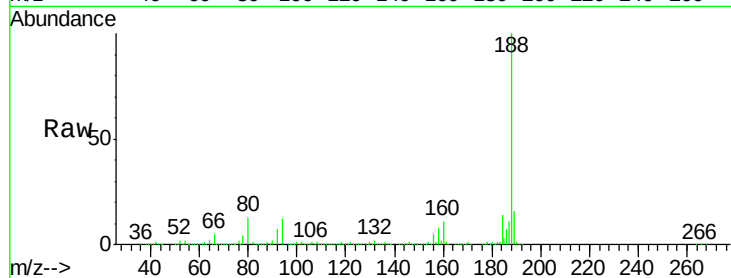




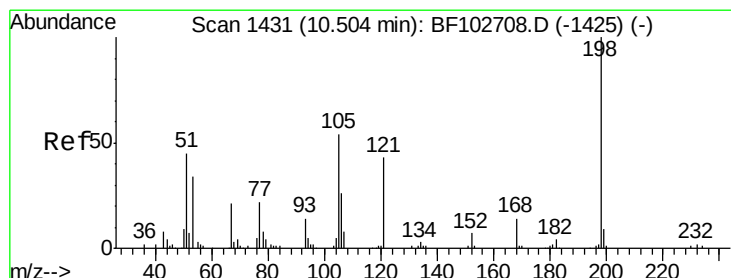
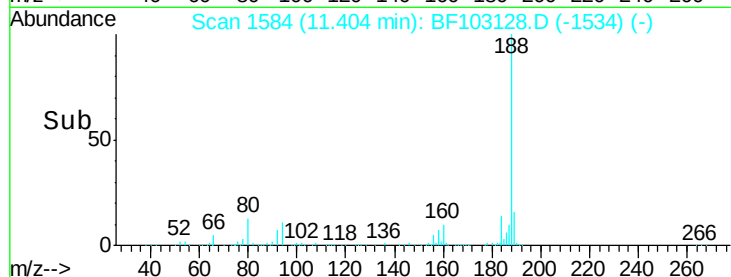
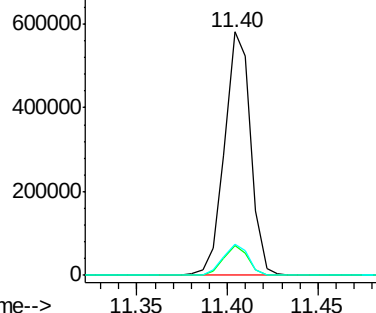
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Instrument :
BNA_F
ClientSampleId :
PB106423BS

Tot Ion:188 Resp: 582383
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.9 9.2 13.8

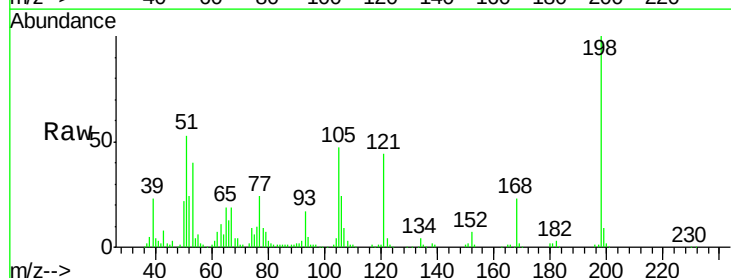


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

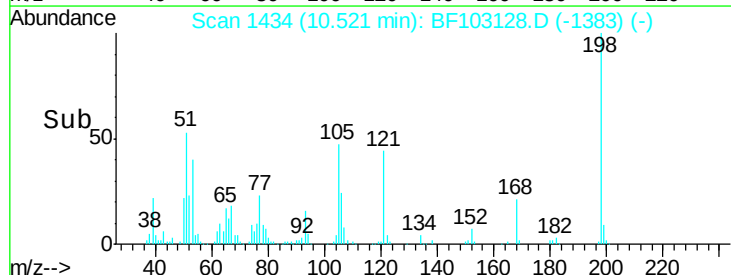
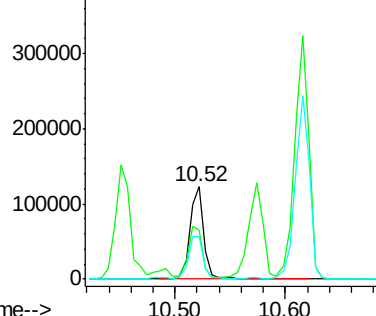


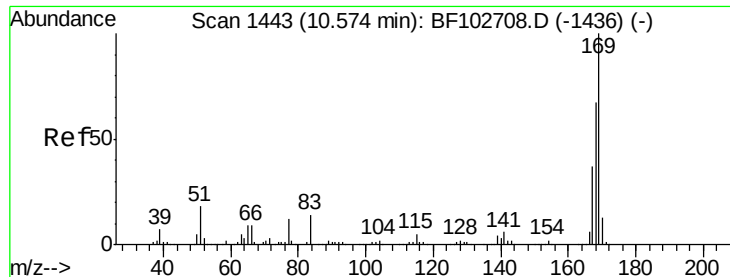
#64
4,6-Dinitro-2-methylphenol
Concen: 44.978 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Tgt Ion:198 Resp: 106371
Ion Ratio Lower Upper
198 100
51 53.4 37.7 77.7
105 47.0 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: 34.813 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

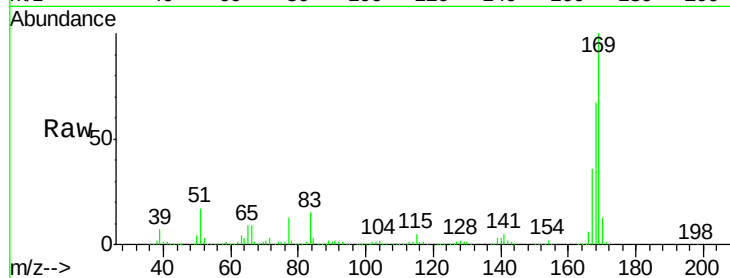
Tot Ion:169 Resp: 715144

Ion Ratio Lower Upper

169 100

168 66.8 54.4 81.6

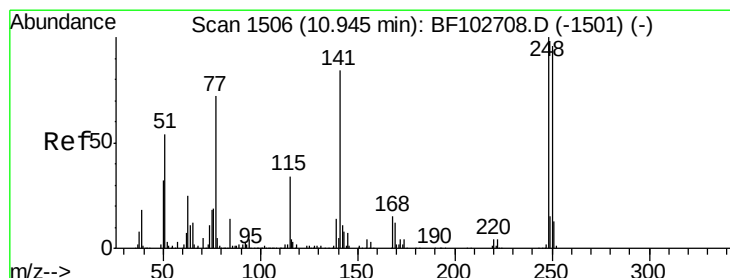
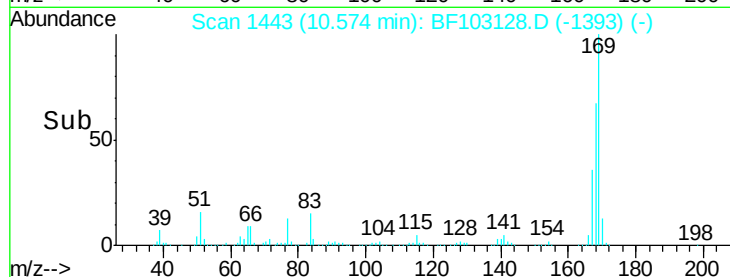
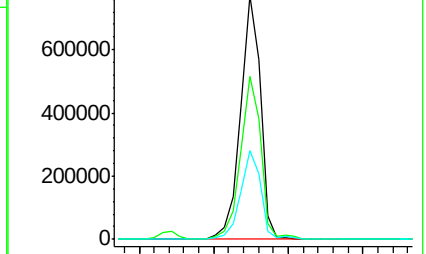
167 36.4 29.8 44.6



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: 35.054 ng

RT: 10.94 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

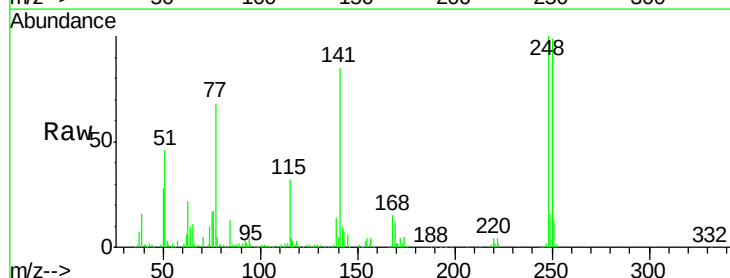
Tgt Ion:248 Resp: 215952

Ion Ratio Lower Upper

248 100

250 98.5 76.9 115.3

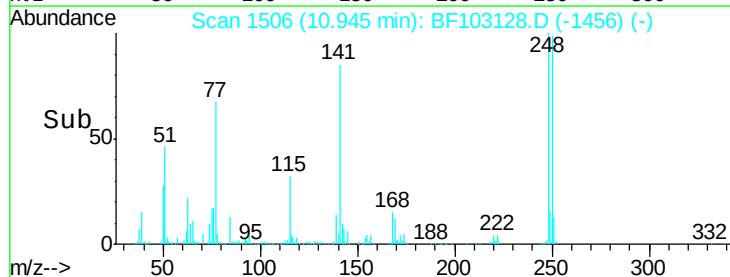
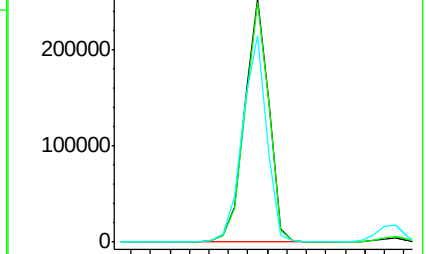
141 84.7 74.4 111.6

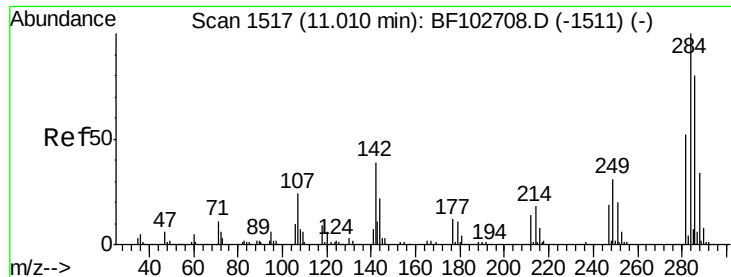


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.510 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

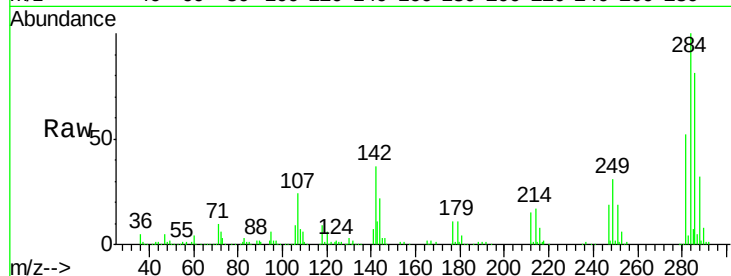
Tot Ion:284 Resp: 227742

Ion Ratio Lower Upper

284 100

142 37.4 34.6 52.0

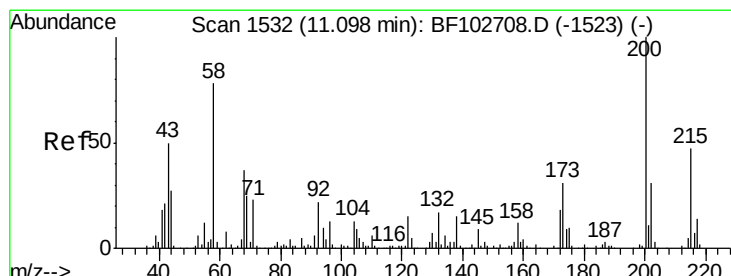
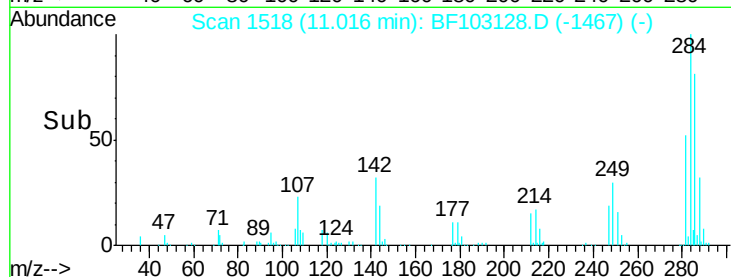
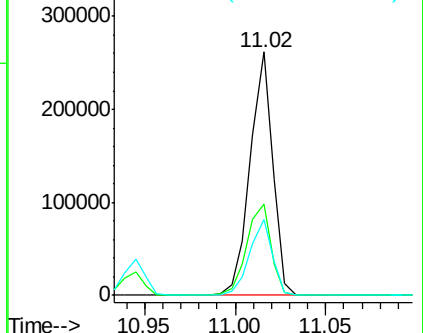
249 31.1 24.8 37.2



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: 35.811 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

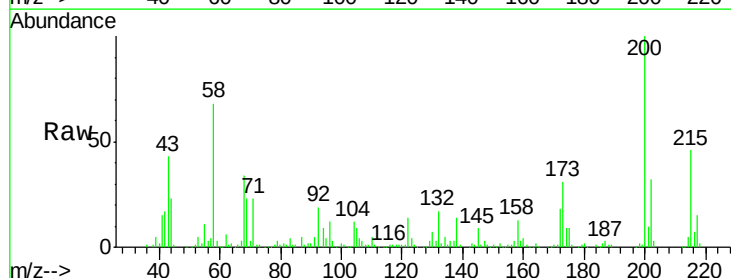
Tgt Ion:200 Resp: 217023

Ion Ratio Lower Upper

200 100

173 31.0 8.6 48.6

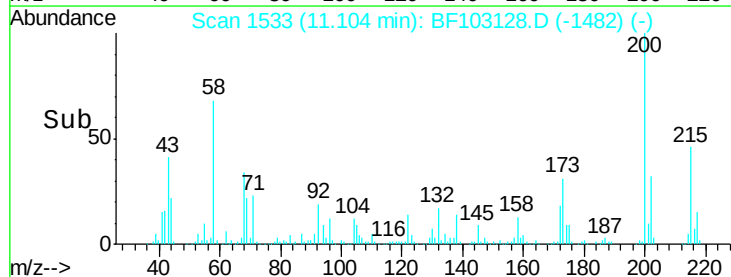
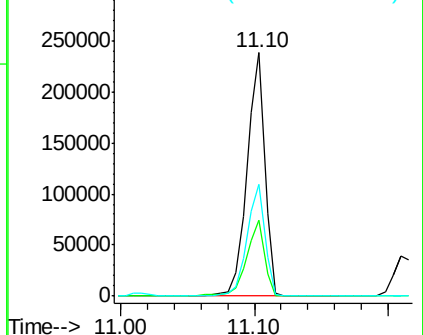
215 45.9 25.1 65.1

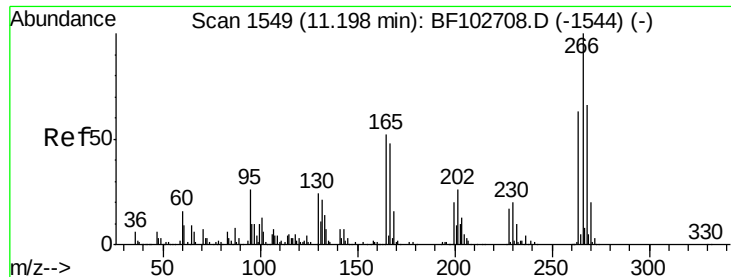


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

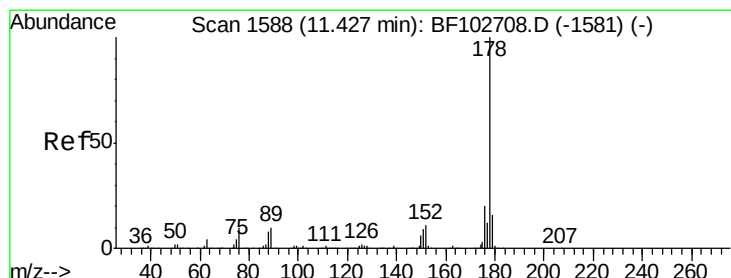
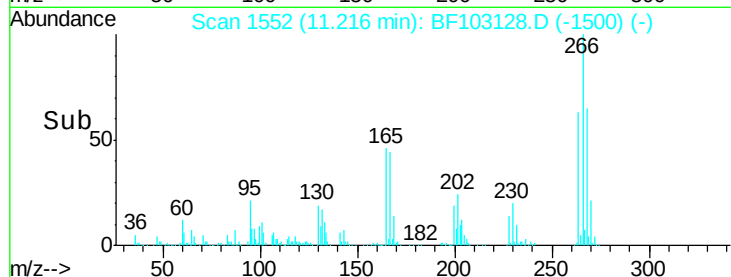
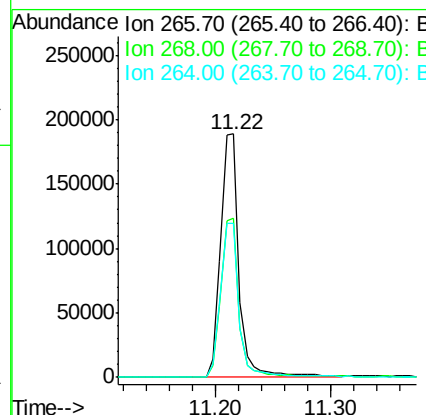
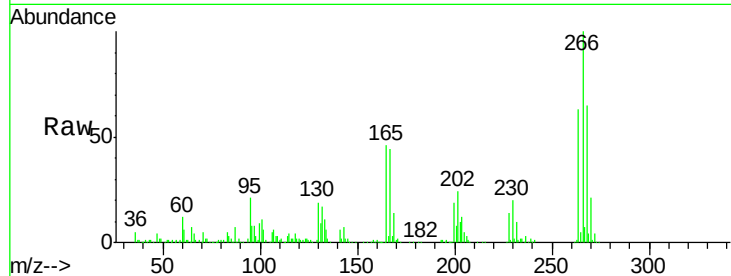




#69
 Pentachlorophenol
 Concen: 52.959 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

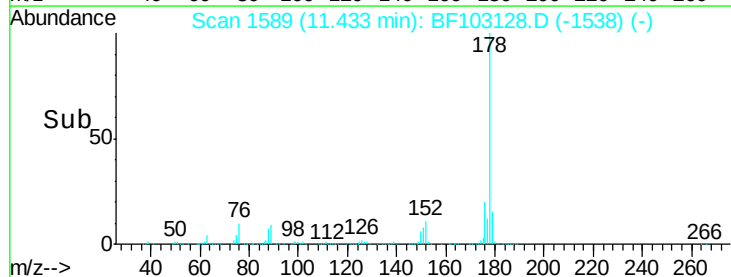
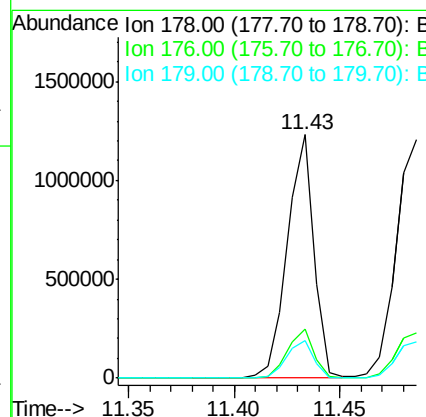
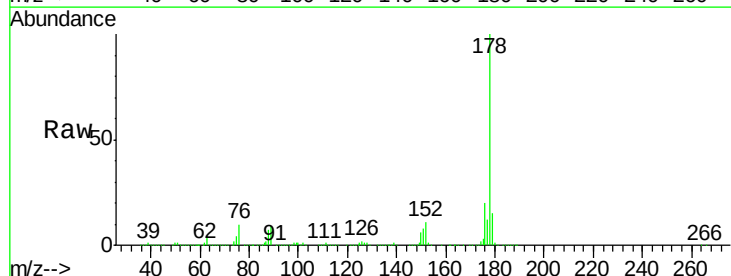
Instrument :
 BNA_F
 ClientSampleId :
 PB106423BS

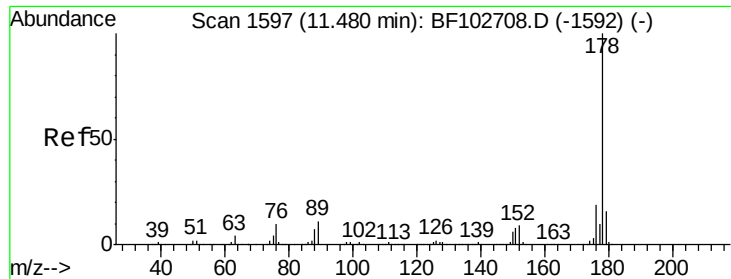
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.1	76.7
264	63.2	49.5	74.3



#70
 Phenanthrene
 Concen: 33.312 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.2	13.0	19.6

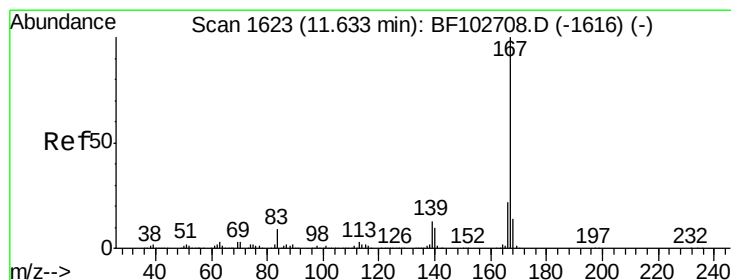
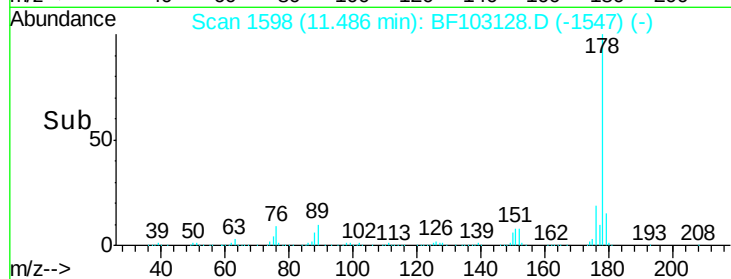
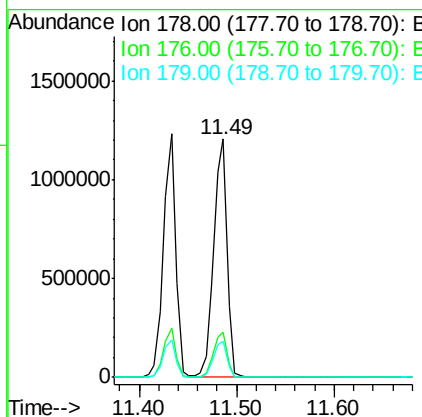
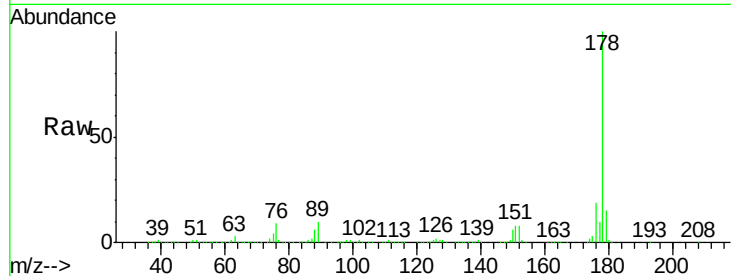




#71
 Anthracene
 Concen: 34.861 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

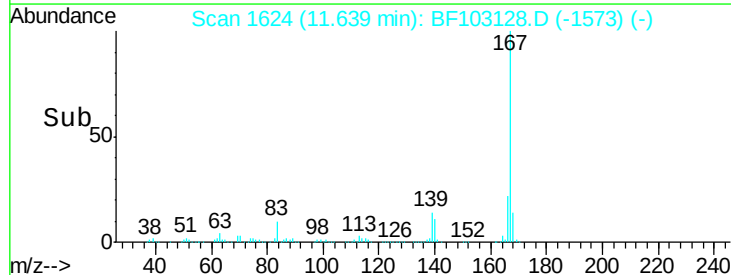
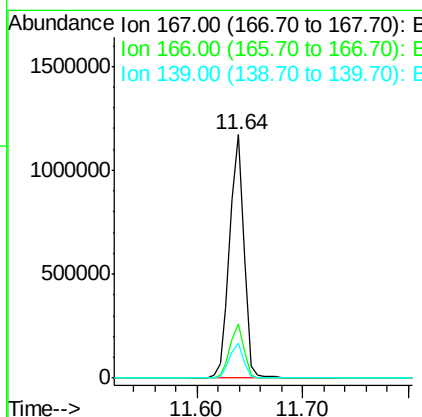
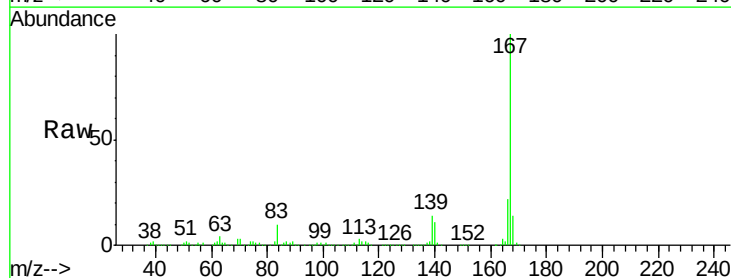
Instrument :
 BNA_F
 ClientSampleId :
 PB106423BS

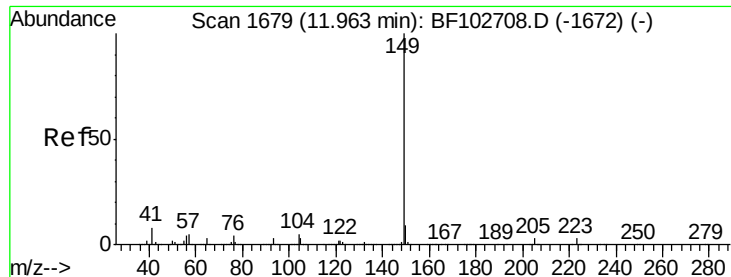
Tot Ion:178 Resp: 1150035
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 34.256 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

Tgt Ion:167 Resp: 1107128
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.749 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

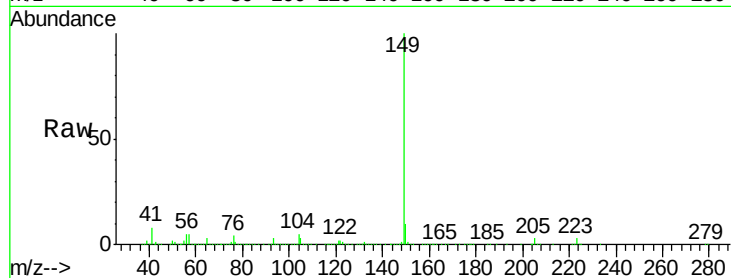
Tot Ion:149 Resp: 1403503

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

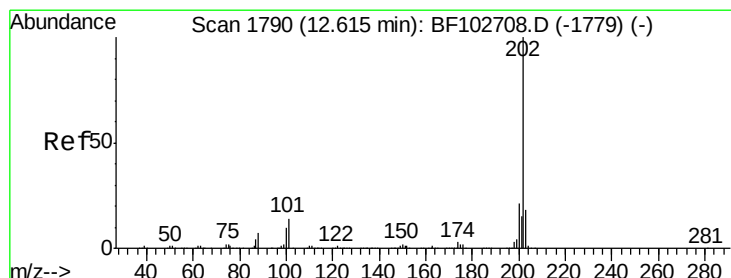
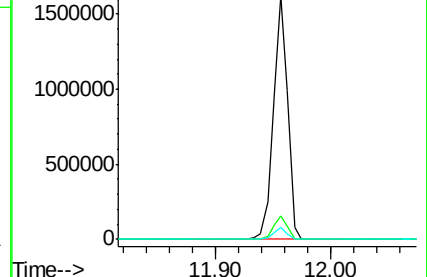
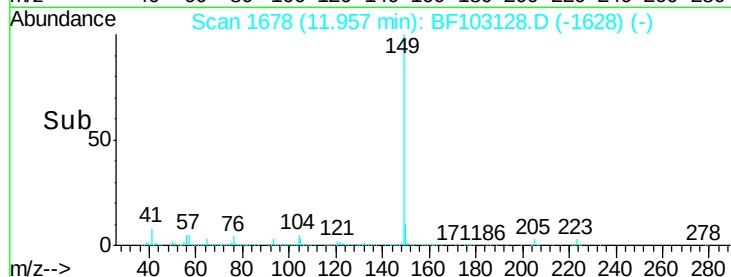
104 4.7 3.8 5.8



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: 34.628 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

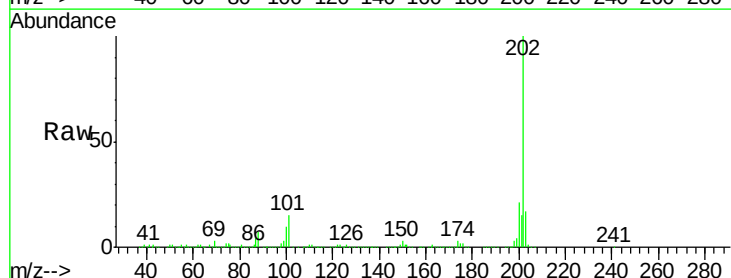
Tgt Ion:202 Resp: 1130018

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.1

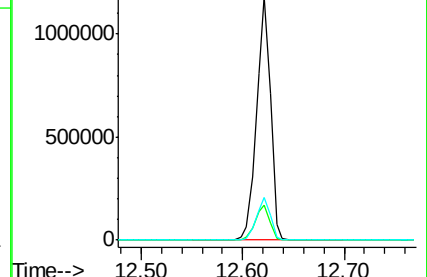
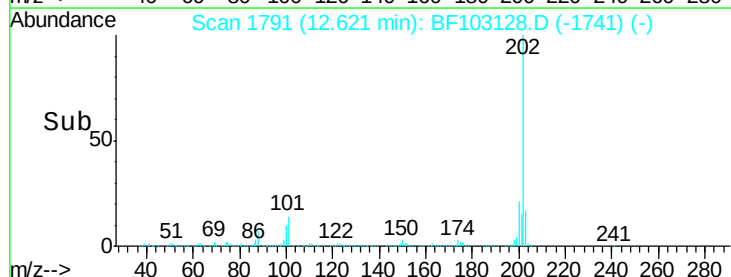
203 17.5 0.0 38.1

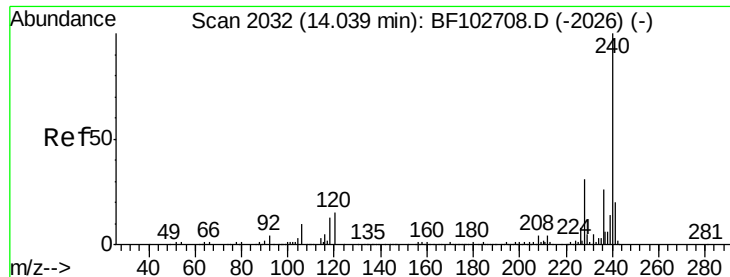


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

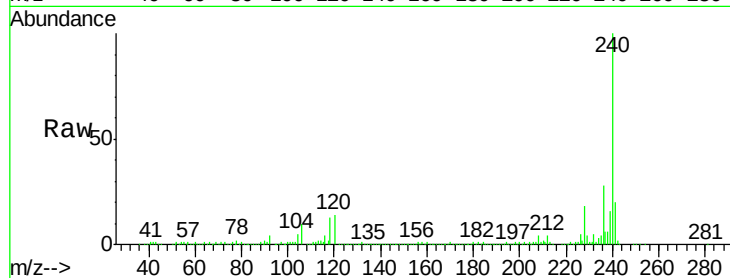
Tot Ion:240 Resp: 438762

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

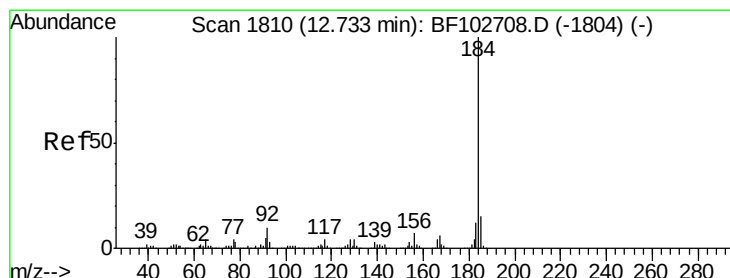
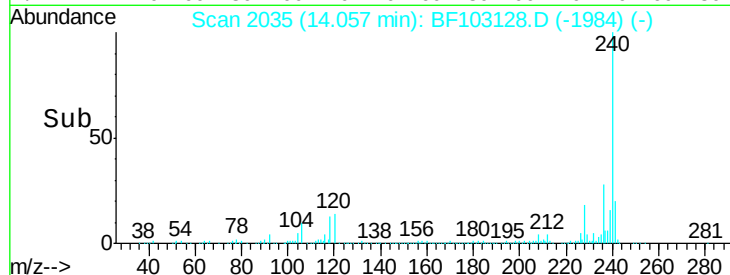
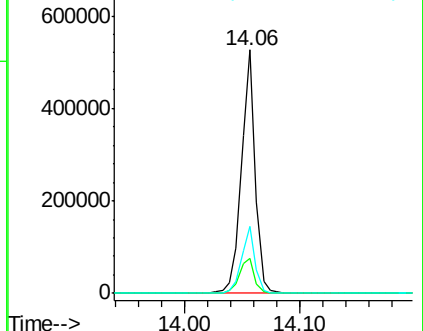
236 27.6 20.7 31.1



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: 21.587 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

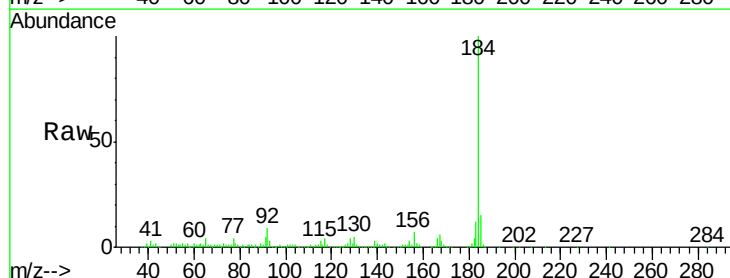
Tgt Ion:184 Resp: 435319

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

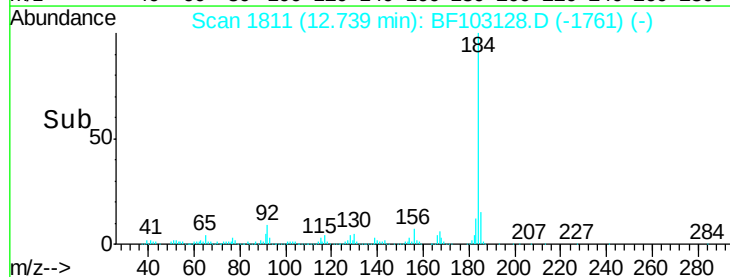
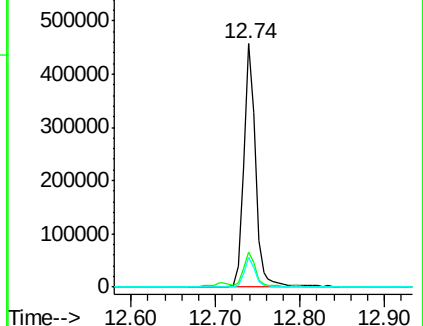
183 12.1 9.3 13.9

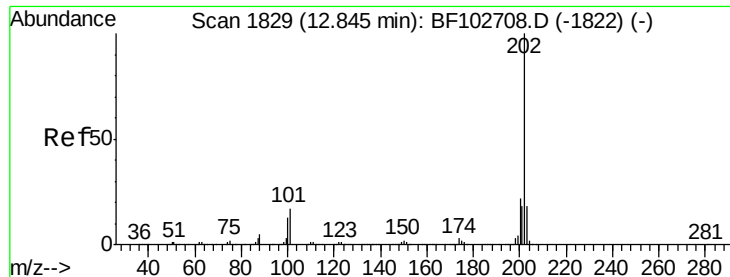


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.221 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

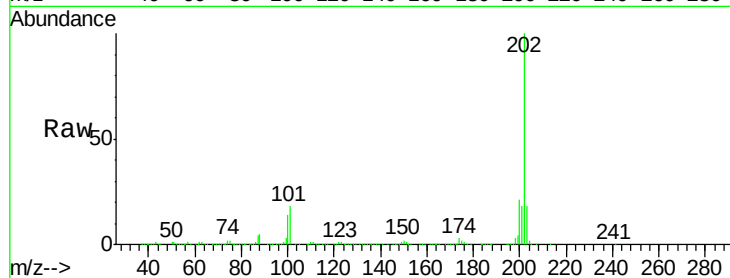
Tot Ion:202 Resp: 1177411

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

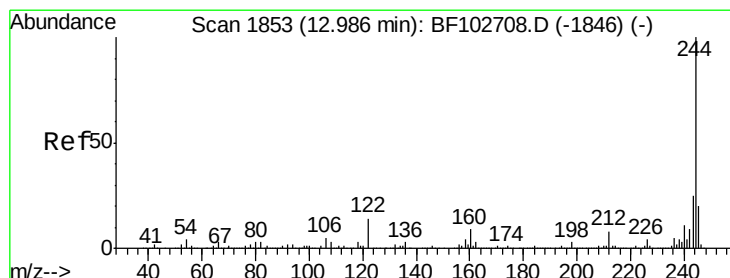
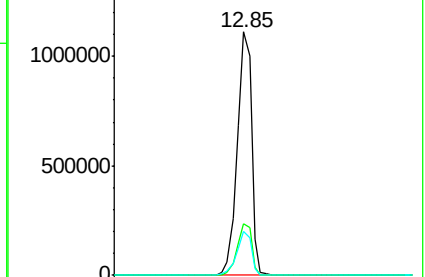
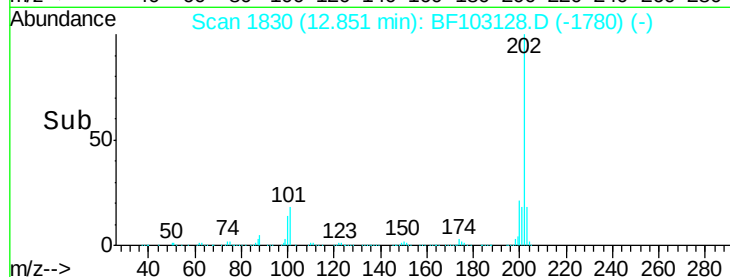
203 17.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.422 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

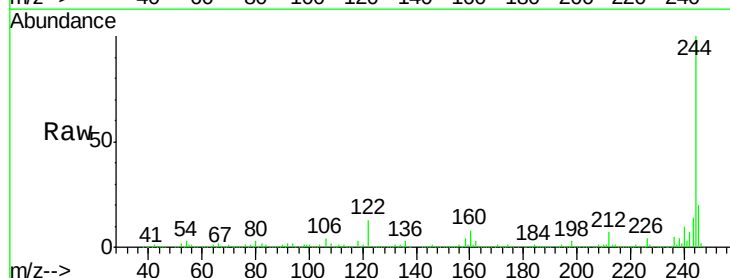
Tgt Ion:244 Resp: 1397610

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

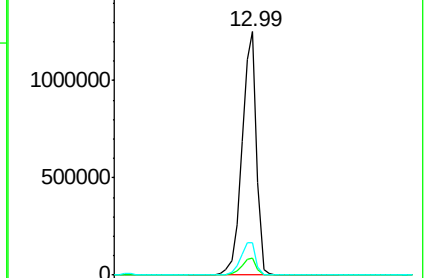
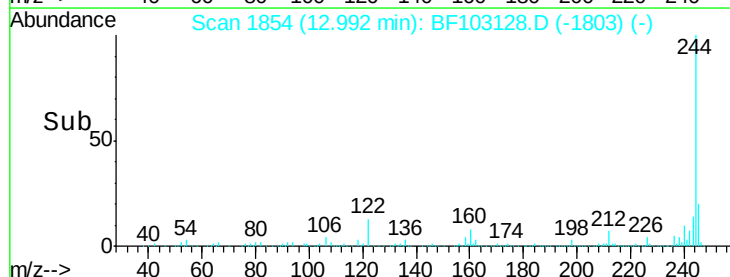
122 13.2 11.0 16.4

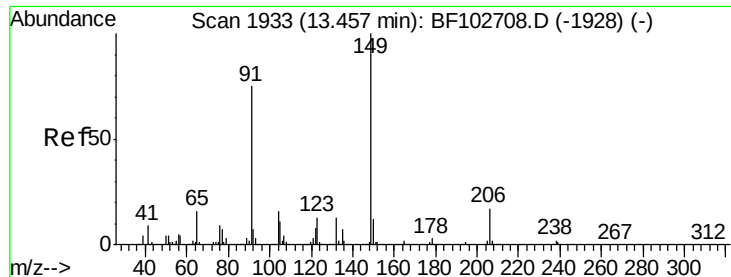


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

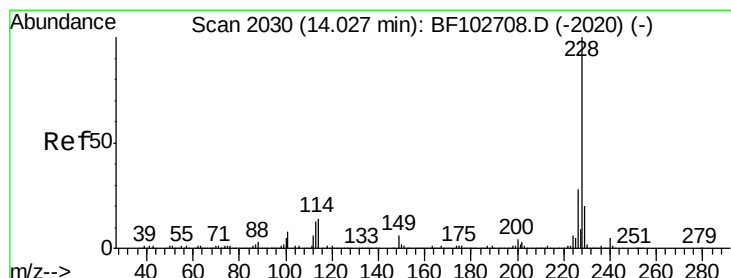
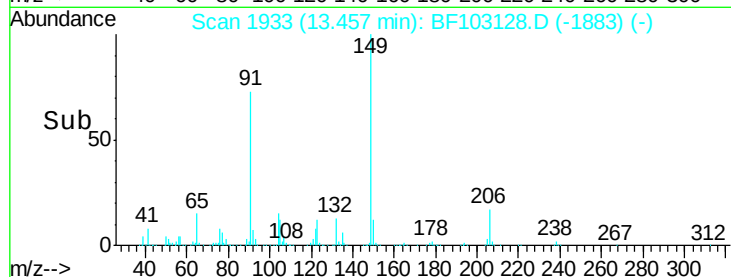
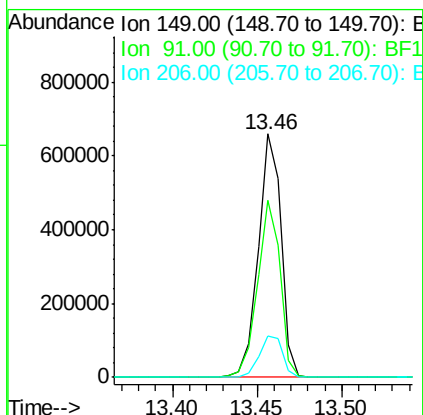
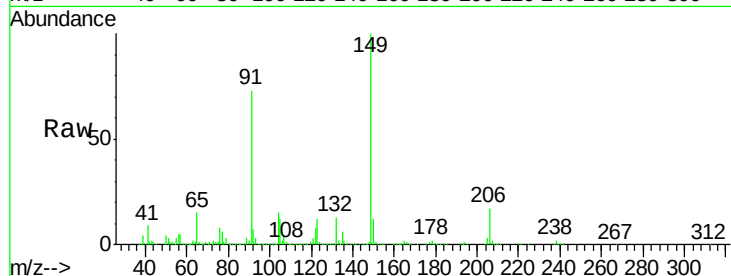




#79
Butylbenzylphthalate
Concen: 37.902 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

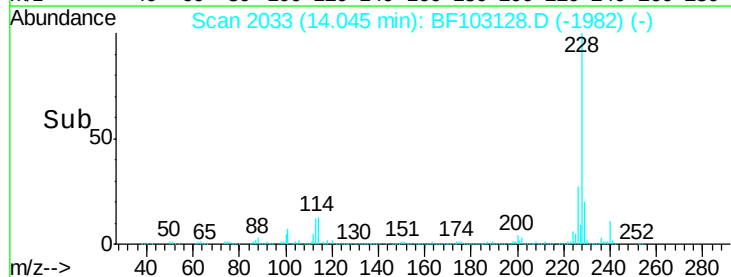
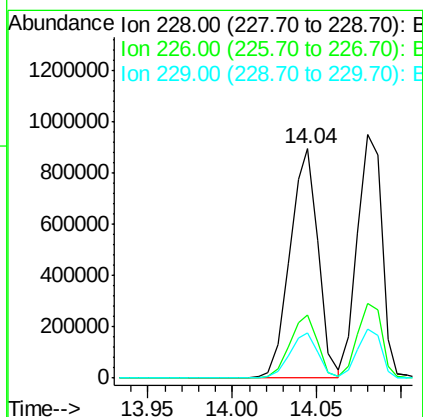
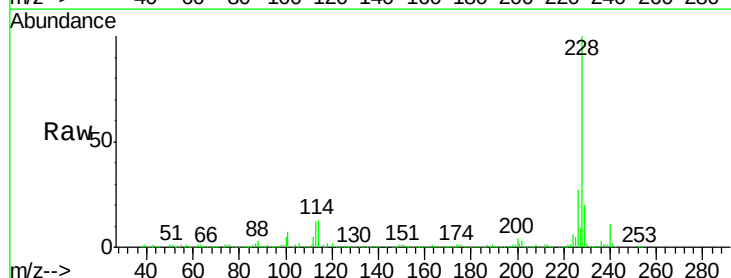
Instrument :
BNA_F
ClientSampleId :
PB106423BS

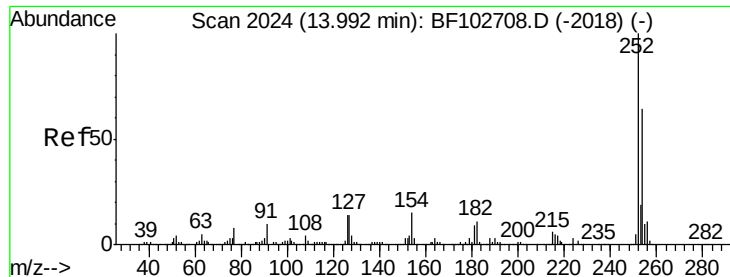
Tot Ion:149 Resp: 620140
Ion Ratio Lower Upper
149 100
91 72.7 56.8 85.2
206 17.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.821 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Tgt Ion:228 Resp: 1043640
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.7 15.8 23.6

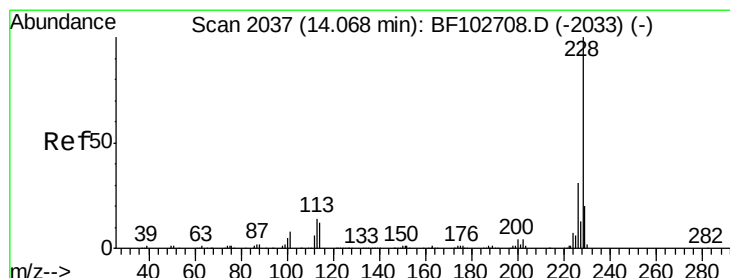
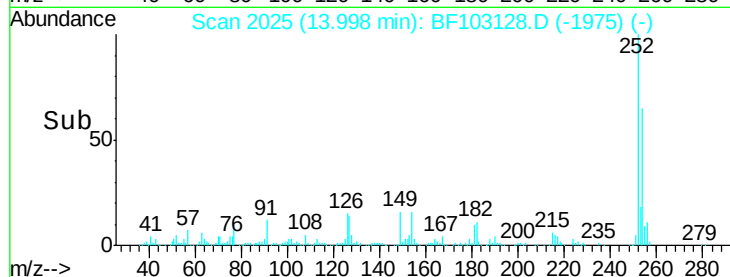
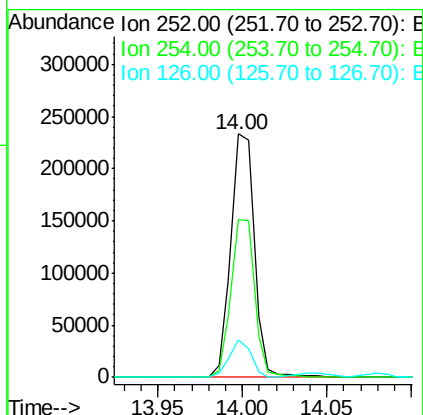
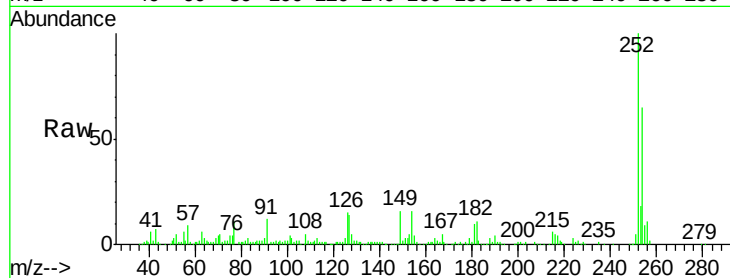




#81
 3,3'-Dichlorobenzidine
 Concen: 22.125 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

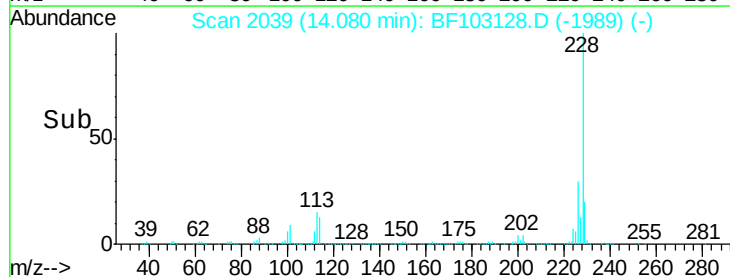
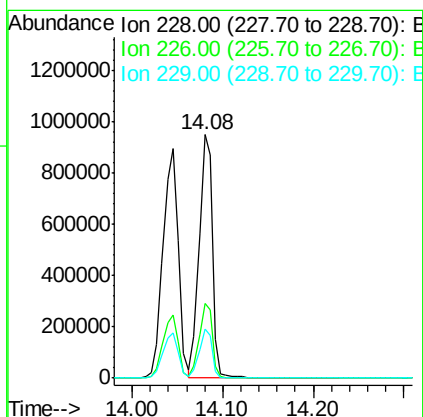
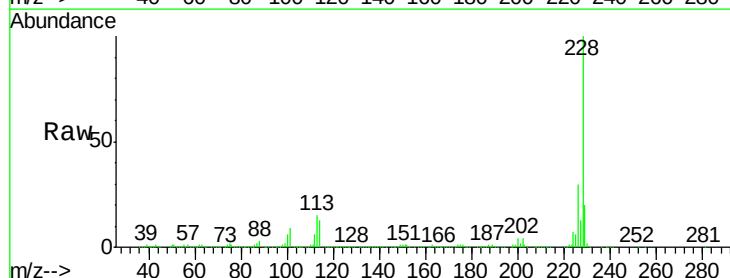
Instrument :
 BNA_F
 ClientSampleId :
 PB106423BS

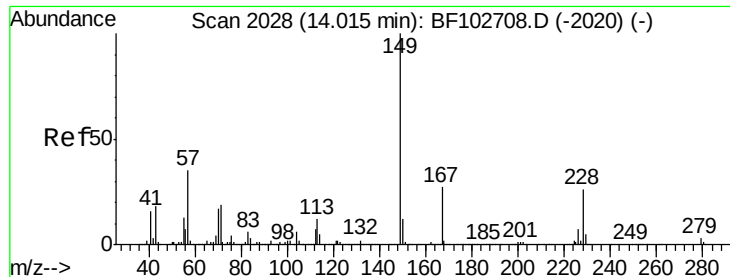
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	15.2	11.3	16.9



#82
 Chrysene
 Concen: 35.124 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.423 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

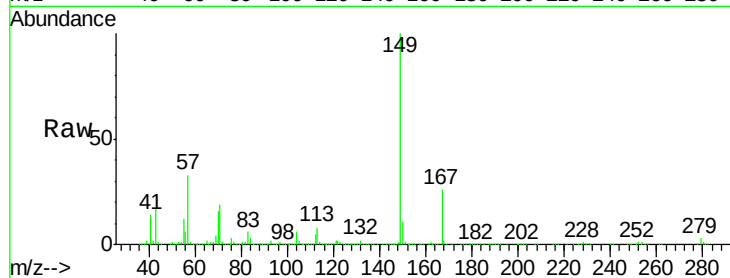
Tot Ion:149 Resp: 851975

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

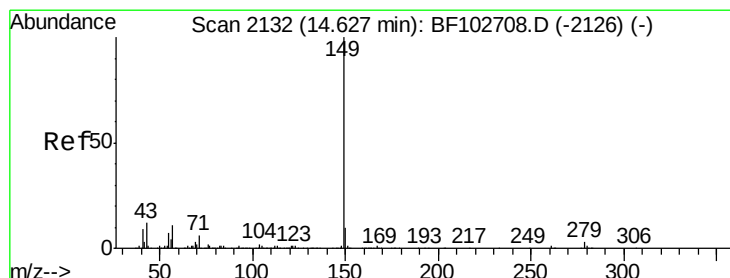
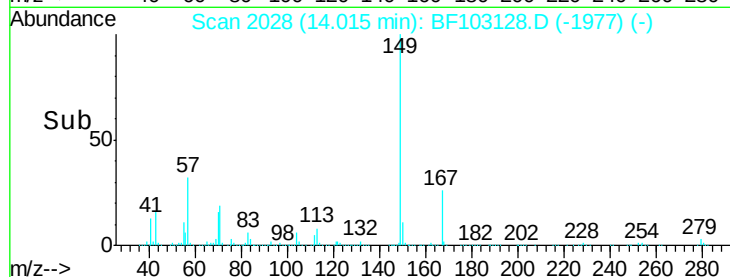
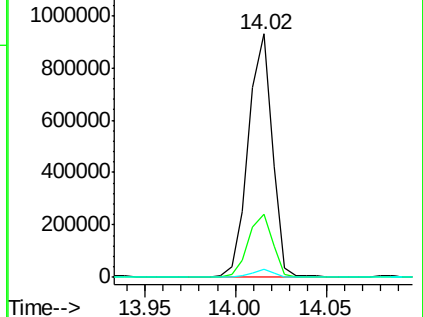
279 3.3 3.0 4.4



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: 44.082 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

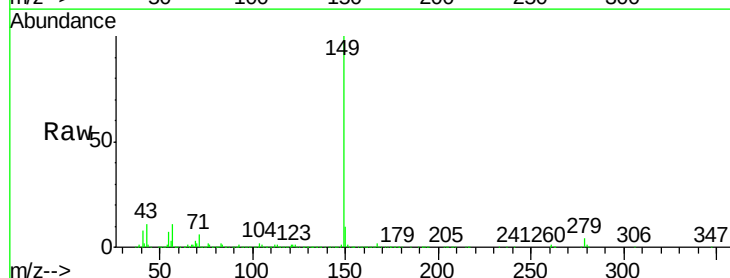
Tgt Ion:149 Resp: 1395071

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

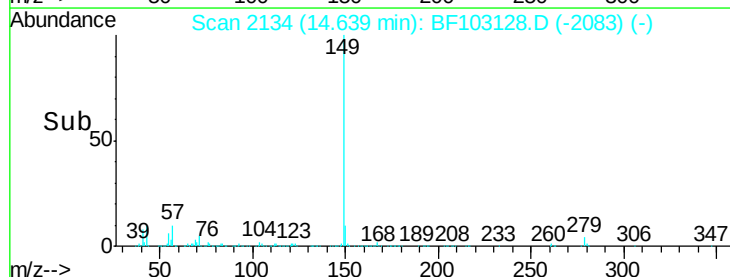
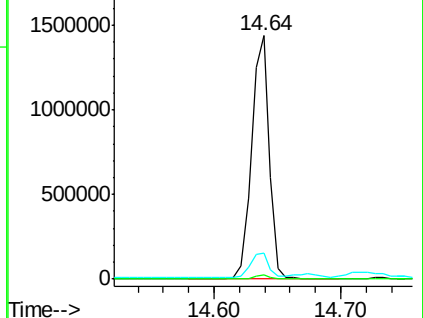
43 10.7 8.4 12.6

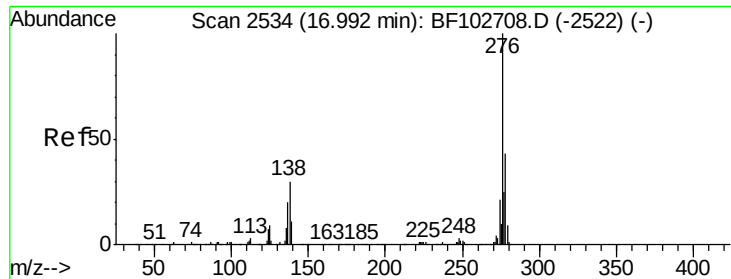


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

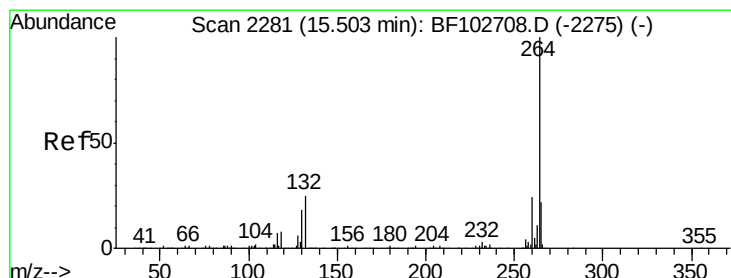
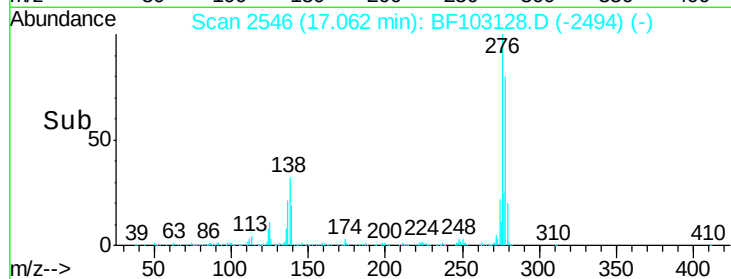
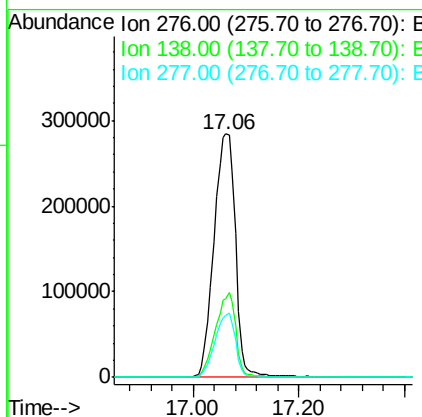
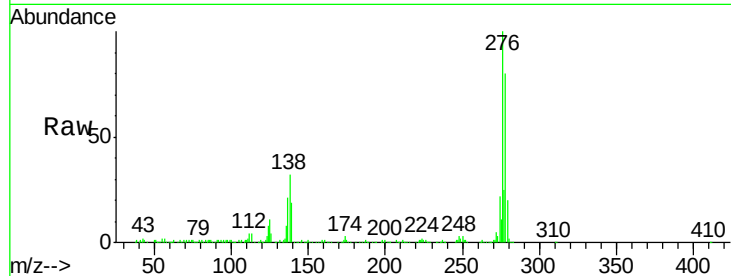




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.950 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. 0.01 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

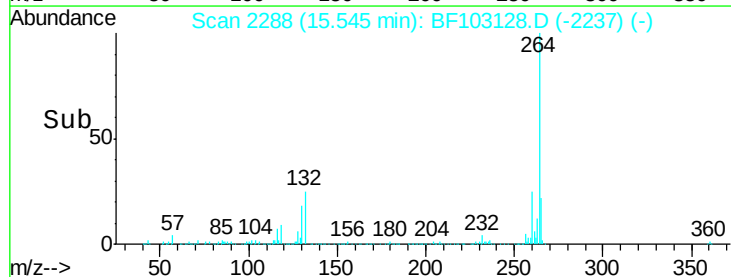
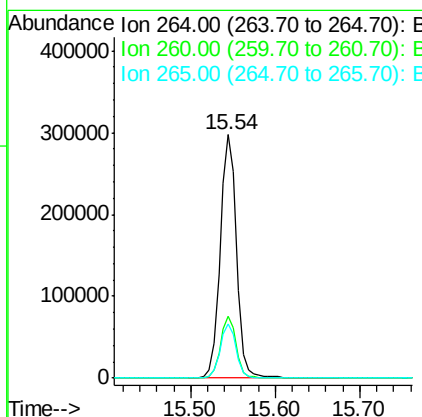
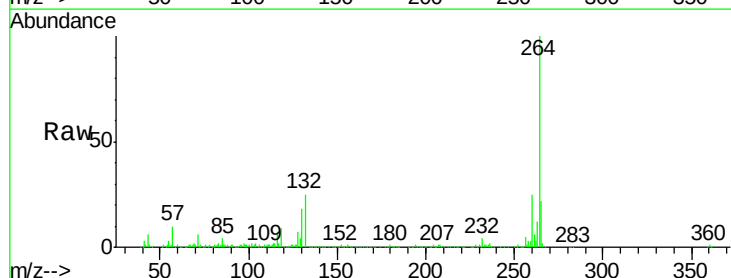
Instrument :
 BNA_F
 ClientSampleId :
 PB106423BS

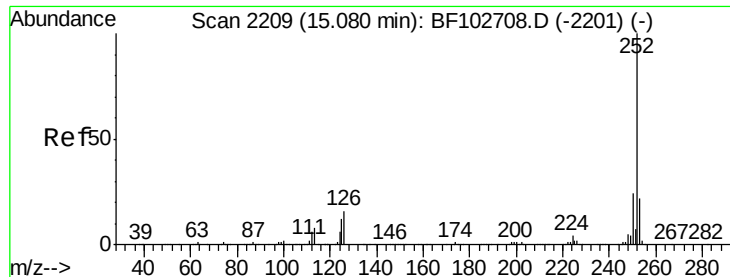
Tot Ion:276 Resp: 806306
 Ion Ratio Lower Upper
 276 100
 138 32.8 25.0 37.6
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF103128.D
 Acq: 21 Feb 2018 11:36

Tgt Ion:264 Resp: 403005
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.2 28.8
 265 22.3 17.5 26.3

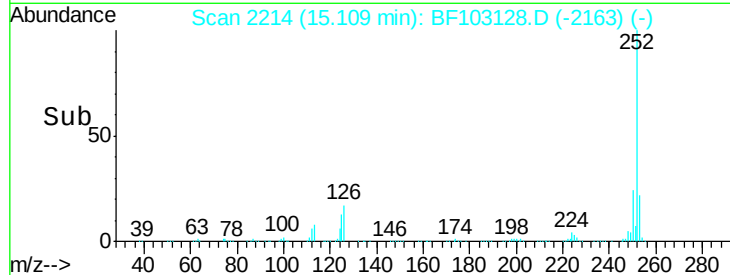
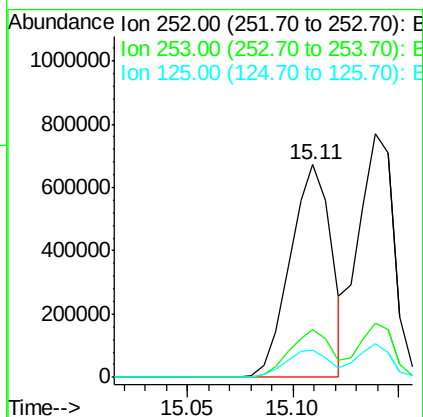
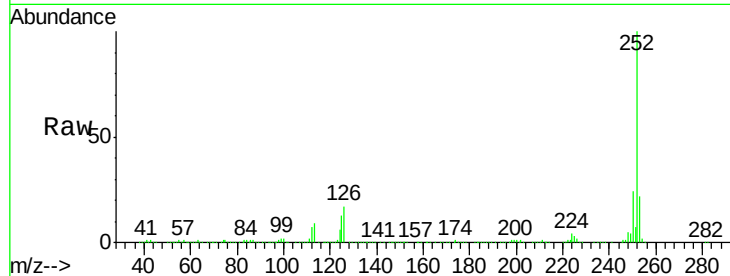




#87
Benzo(b)fluoranthene
Concen: 34.952 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

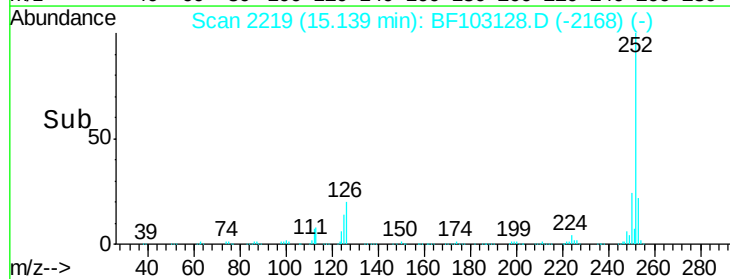
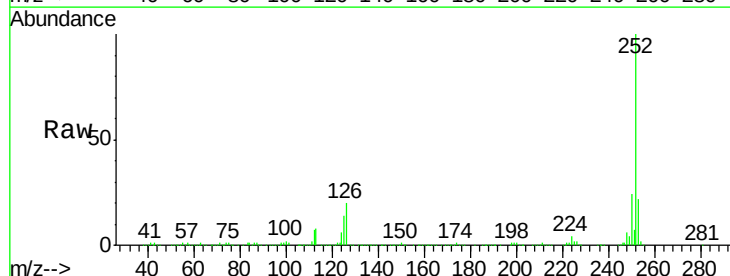
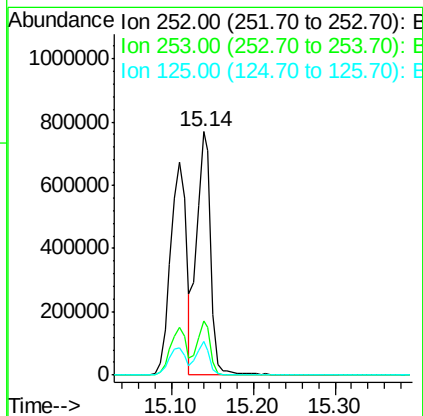
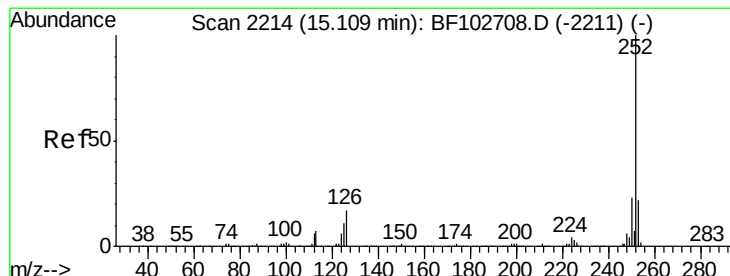
Instrument :
BNA_F
ClientSampleId :
PB106423BS

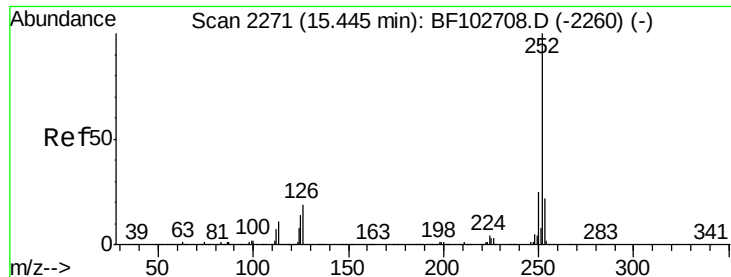
Tot Ion:252 Resp: 913242
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.852 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Tgt Ion:252 Resp: 920022
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.8 10.2 15.2

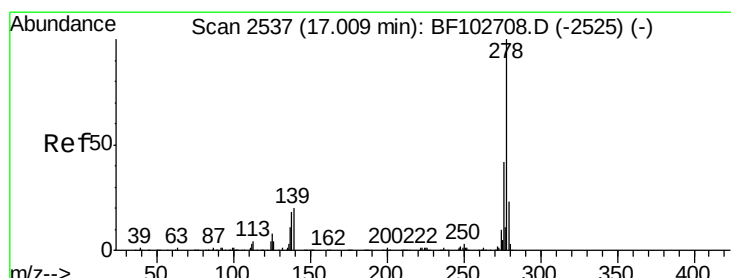
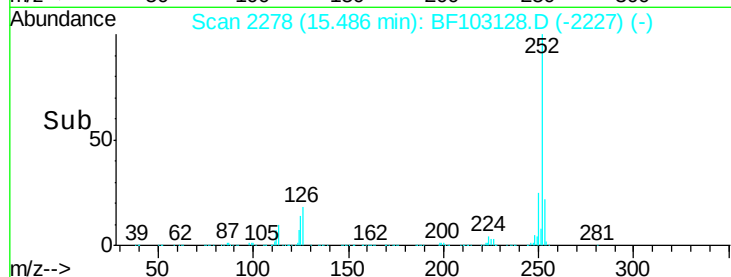
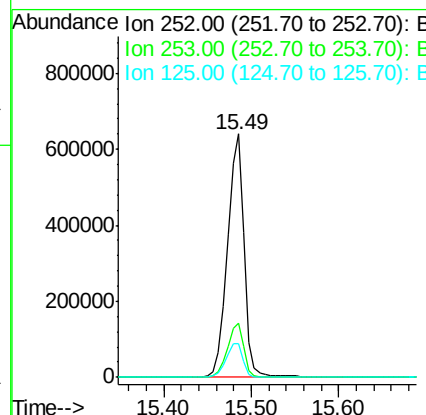
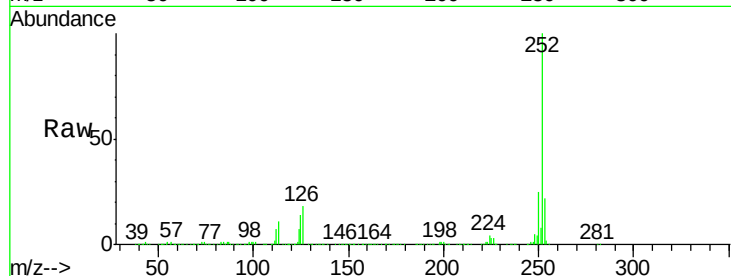




#89
Benzo(a)pyrene
Concen: 35.877 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

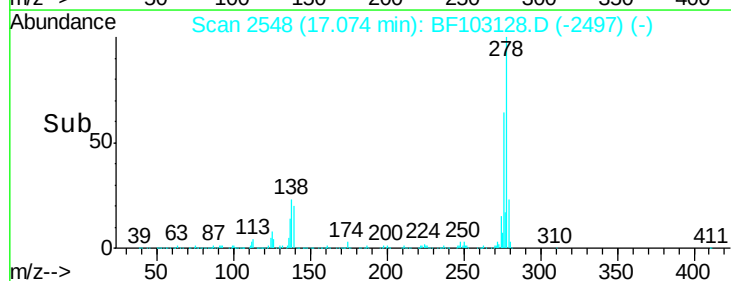
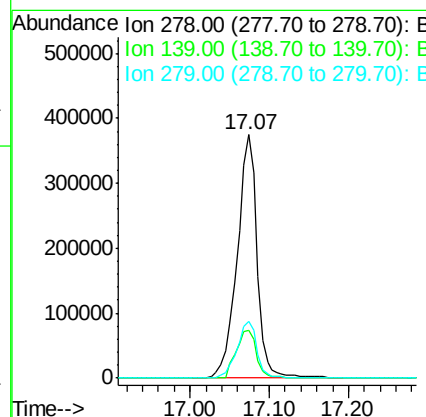
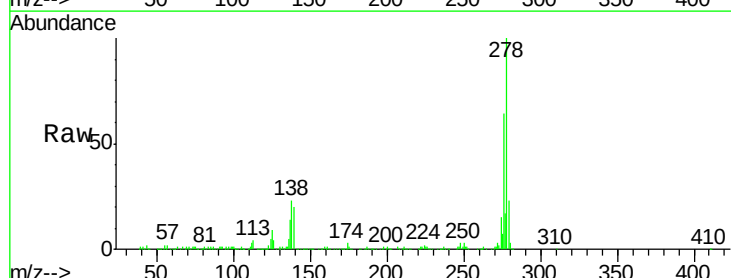
Instrument :
BNA_F
ClientSampleId :
PB106423BS

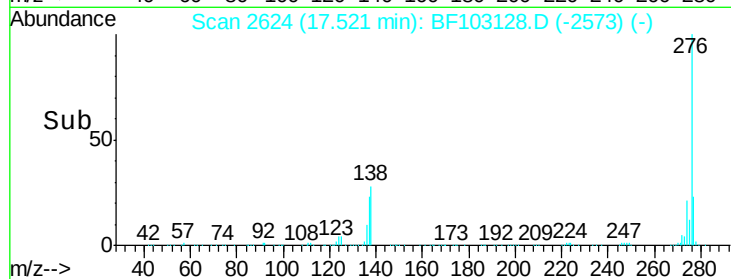
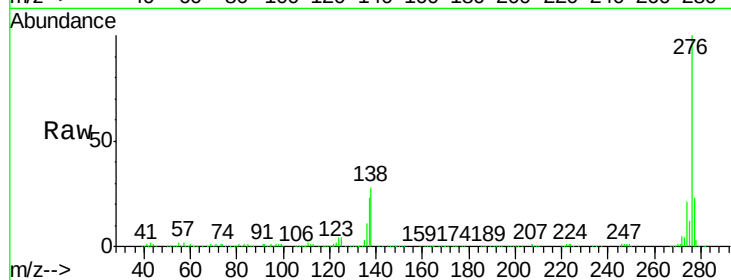
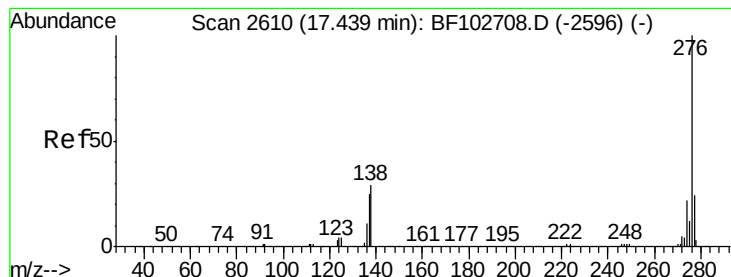
Tot Ion:252 Resp: 843770
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 34.319 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.00 min
Lab File: BF103128.D
Acq: 21 Feb 2018 11:36

Tgt Ion:278 Resp: 655132
Ion Ratio Lower Upper
278 100
139 19.8 15.9 23.9
279 23.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 36.876 ng

RT: 17.52 min Scan# 2624

Delta R.T. -0.00 min

Lab File: BF103128.D

Acq: 21 Feb 2018 11:36

Instrument :

BNA_F

ClientSampleId :

PB106423BS

Tot Ion:276 Resp: 689010

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 27.9 21.8 32.8

