

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103052.D
 Acq On : 16 Feb 2018 15:13
 Operator : SJ/JU
 Sample : J1548-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MS

Quant Time: Feb 16 16:16:47 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	183244	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	757247	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	317391	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	467798	20.00	ng	0.00
75) Chrysene-d12	14.05	240	308489	20.00	ng	0.00
86) Perylene-d12	15.54	264	290657	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1267706	105.06	ng	0.01
7) Phenol-d6	6.52	99	1526511	105.07	ng	0.00
23) Nitrobenzene-d5	7.45	82	972344	89.08	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	263616	103.19	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1392832	72.82	ng	0.00
78) Terphenyl-d14	12.99	244	990672	76.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	195161	32.747	ng	87
3) Pyridine	3.49	79	546756	33.206	ng	91
4) n-Nitrosodimethylamine	3.43	42	280770	39.854	ng	99
6) Aniline	6.55	93	587253	27.371	ng	97
8) 2-Chlorophenol	6.67	128	477774	38.461	ng	98
9) Benzaldehyde	6.43	77	106873	9.906	ng	99
10) Phenol	6.53	94	648585	41.656	ng	91
11) bis(2-Chloroethyl)ether	6.62	93	488002	37.666	ng	93
12) 1,3-Dichlorobenzene	6.82	146	493806	34.328	ng	99
13) 1,4-Dichlorobenzene	6.90	146	500334	34.916	ng	98
14) 1,2-Dichlorobenzene	7.05	146	466753	34.971	ng	98
15) Benzyl Alcohol	7.02	79	419490	37.556	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	833099	33.850	ng	99
17) 2-Methylphenol	7.13	107	415524	36.264	ng	99
18) Hexachloroethane	7.39	117	167158	34.018	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	317348	33.130	ng	98
20) 3+4-Methylphenols	7.29	107	470434	33.293	ng	# 71
22) Acetophenone	7.29	105	625195	33.739	ng	# 94
24) Nitrobenzene	7.46	77	518164	40.347	ng	99
25) Isophorone	7.70	82	957220	38.082	ng	99
26) 2-Nitrophenol	7.78	139	253019	47.971	ng	94
27) 2,4-Dimethylphenol	7.82	122	426798	40.191	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	605150	40.641	ng	97
29) 2,4-Dichlorophenol	8.02	162	385118	39.893	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	377203	34.539	ng	99
31) Naphthalene	8.19	128	1299460	35.123	ng	100
32) Benzoic acid	7.89	122	29041	12.234	ng	96
33) 4-Chloroaniline	8.23	127	347432	21.799	ng	99
34) Hexachlorobutadiene	8.30	225	189844	33.924	ng	99
35) Caprolactam	8.60	113	128999	38.478	ng	# 80
36) 4-Chloro-3-methylphenol	8.72	107	421584	38.868	ng	98
37) 2-Methylnaphthalene	8.87	142	846157	34.932	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	325831	37.703	ng	99
40) Hexachlorocyclopentadiene	9.02	237	69040	16.805	ng	100

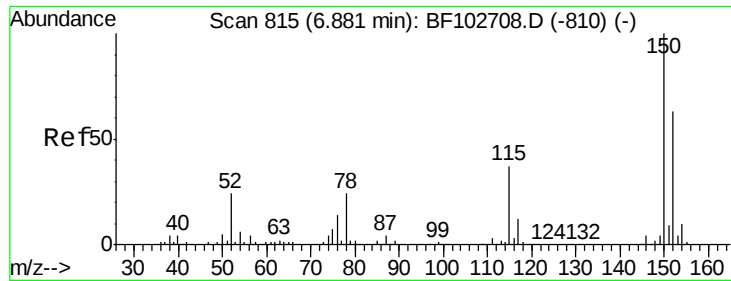
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103052.D
 Acq On : 16 Feb 2018 15:13
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	234713	41.350	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	244573	38.228	ng	97
45) 1,1'-Biphenyl	9.34	154	952207	35.619	ng	99
46) 2-Chloronaphthalene	9.36	162	754070	35.829	ng	100
47) 2-Nitroaniline	9.46	65	292254	45.218	ng	94
48) Acenaphthylene	9.78	152	1116055	34.143	ng	99
49) Dimethylphthalate	9.64	163	1007248	40.701	ng	99
50) 2,6-Dinitrotoluene	9.70	165	195869	41.601	ng	97
51) Acenaphthene	9.95	154	644020	32.945	ng	98
52) 3-Nitroaniline	9.87	138	206622	35.666	ng	89
53) 2,4-Dinitrophenol	9.98	184	15733	23.504	ng	# 20
54) Dibenzofuran	10.12	168	970778	35.238	ng	96
55) 4-Nitrophenol	10.04	139	304175	64.701	ng	94
56) 2,4-Dinitrotoluene	10.11	165	241932	38.934	ng	96
57) Fluorene	10.47	166	706300	35.237	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	168738	38.054	ng	99
59) Diethylphthalate	10.33	149	850506	34.805	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	322280	36.346	ng	99
61) 4-Nitroaniline	10.49	138	209932	38.070	ng	93
62) Azobenzene	10.62	77	822120	33.677	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	22415	19.101	ng	95
65) n-Nitrosodiphenylamine	10.57	169	653313	39.593	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	195153	39.437	ng	97
67) Hexachlorobenzene	11.02	284	195513	35.815	ng	96
68) Atrazine	11.10	200	187221	38.461	ng	97
69) Pentachlorophenol	11.21	266	172596	53.859	ng	99
70) Phenanthrene	11.43	178	910469	34.946	ng	99
71) Anthracene	11.49	178	938803	35.428	ng	99
72) Carbazole	11.64	167	902855	34.778	ng	100
73) Di-n-butylphthalate	11.96	149	1198827	38.016	ng	100
74) Fluoranthene	12.62	202	837389	31.946	ng	98
76) Benzidine	12.74	184	567304	40.012	ng	97
77) Pyrene	12.85	202	843440	34.867	ng	99
79) Butylbenzylphthalate	13.46	149	462859	40.172	ng	93
80) Benzo(a)anthracene	14.04	228	716148	36.913	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	288179	40.061	ng	97
82) Chrysene	14.08	228	683944	34.971	ng	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	632563	42.687	ng	99
84) Di-n-octyl phthalate	14.63	149	1063352	47.790	ng	98
85) Indeno(1,2,3-cd)pyrene	17.05	276	617205	38.051	ng	98
87) Benzo(b)fluoranthene	15.10	252	708512	37.598	ng	97
88) Benzo(k)fluoranthene	15.13	252	612227	34.002	ng	99
89) Benzo(a)pyrene	15.48	252	617883	36.427	ng	97
90) Dibenzo(a,h)anthracene	17.07	278	517389	37.580	ng	100
91) Benzo(g,h,i)perylene	17.51	276	503450	37.360	ng	97

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

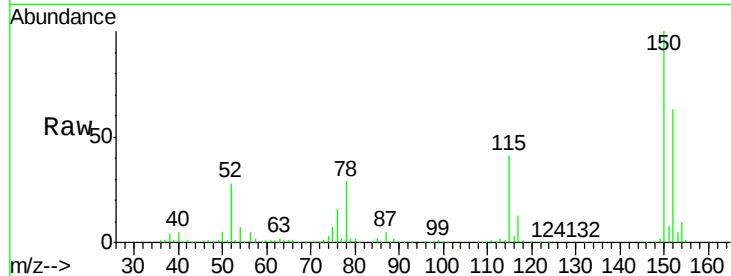


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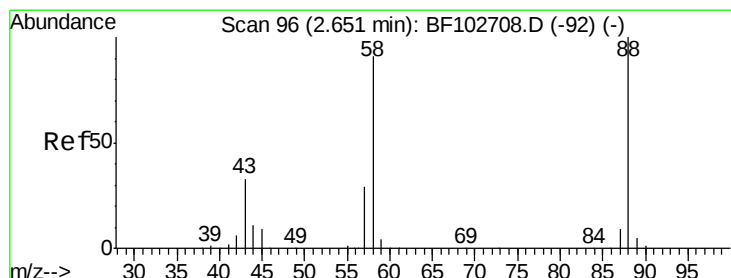
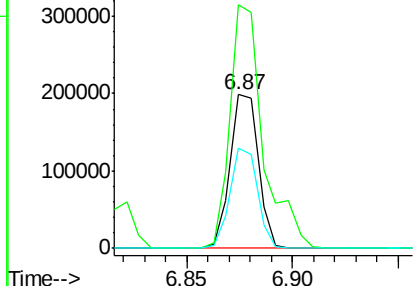
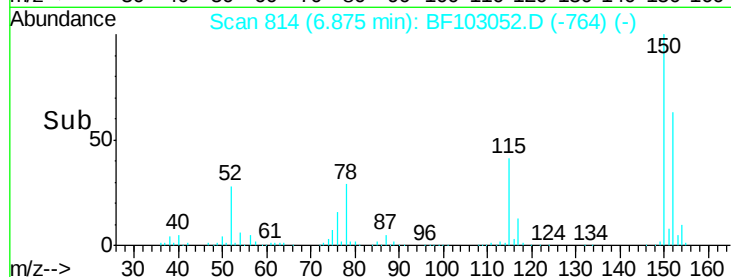
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Instrument :
BNA_F
ClientSampleId :
RO-155MS

Tgt Ion: 152 Resp: 183244
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 65.6 50.1 75.1



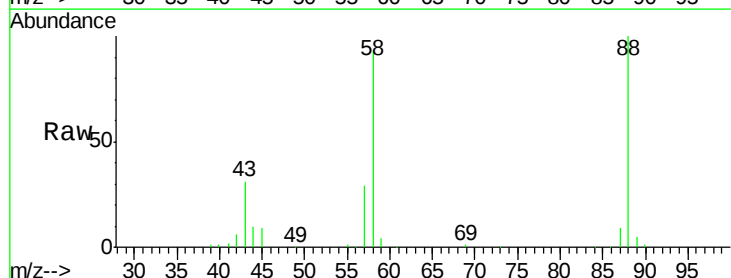
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



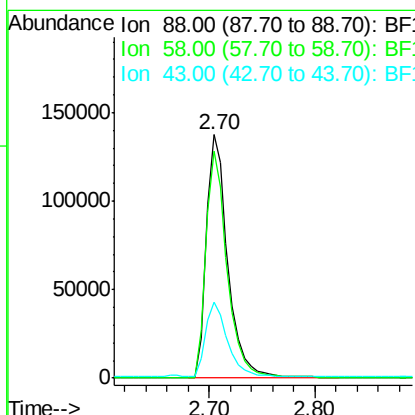
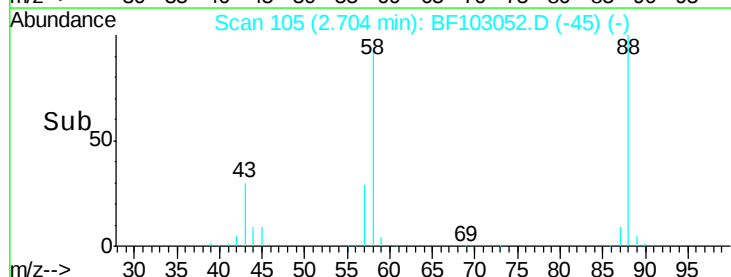
#2

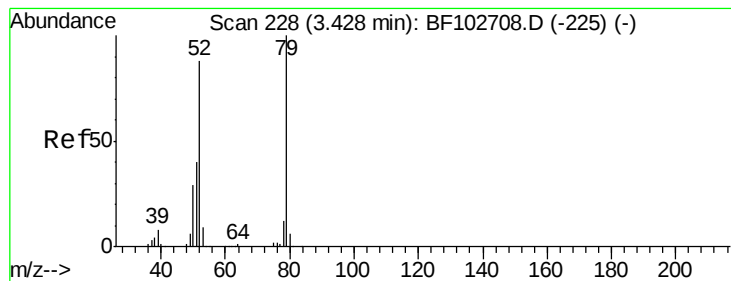
1,4-Dioxane
Concen: 32.747 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion: 88 Resp: 195161
Ion Ratio Lower Upper
88 100
58 93.2 62.6 93.8
43 31.3 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 33.206 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.06 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

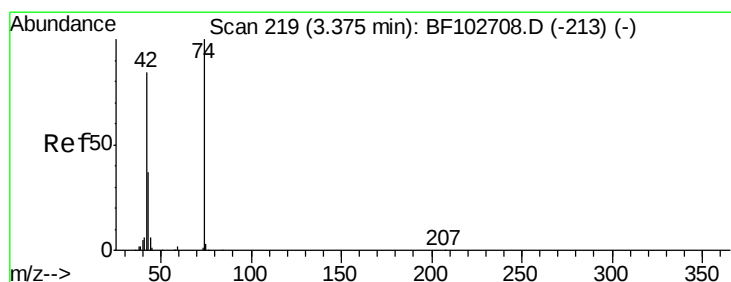
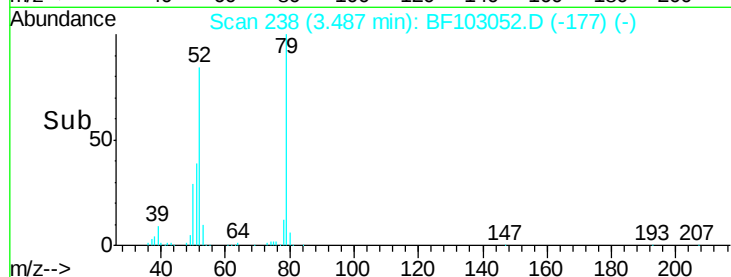
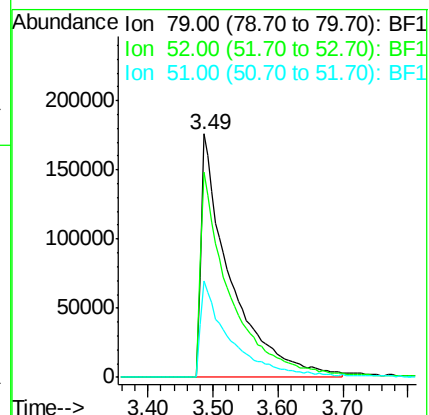
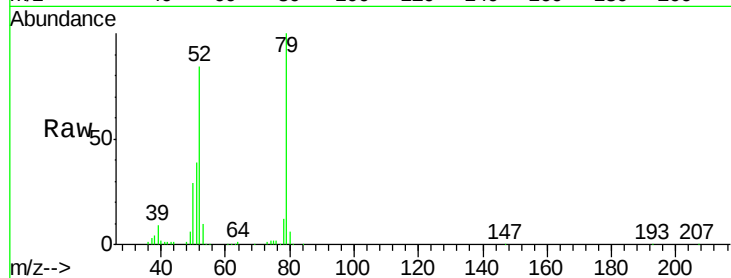
Tgt Ion: 79 Resp: 546756

Ion Ratio Lower Upper

79 100

52 84.2 59.8 89.6

51 39.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.854 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.05 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

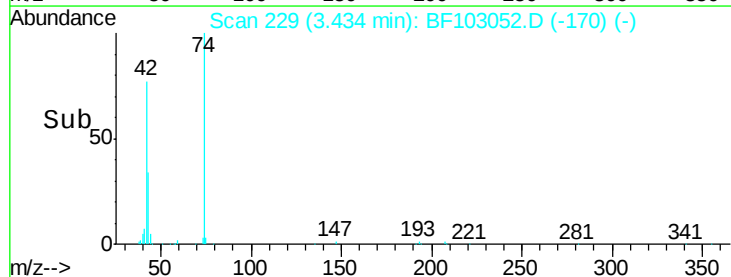
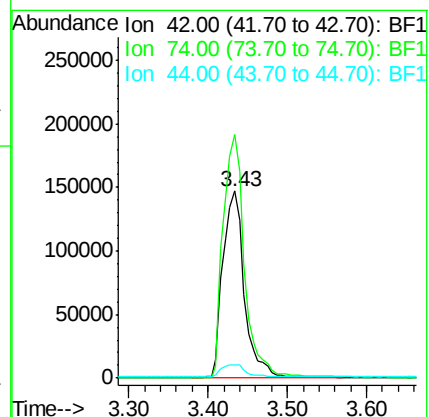
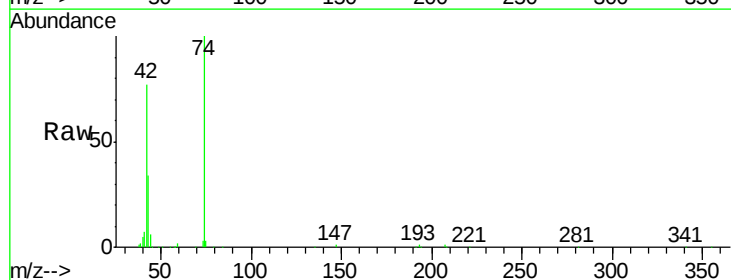
Tgt Ion: 42 Resp: 280770

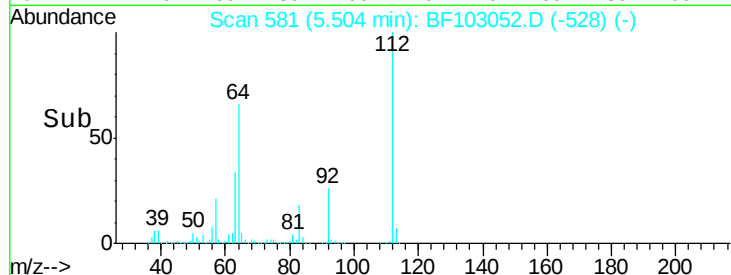
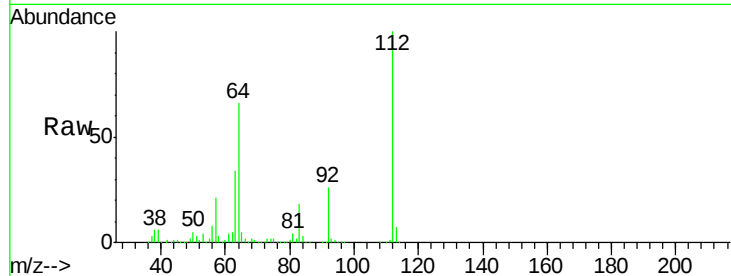
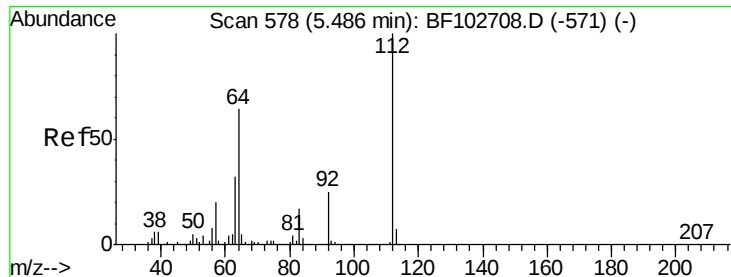
Ion Ratio Lower Upper

42 100

74 130.2 104.9 157.3

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 105.063 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

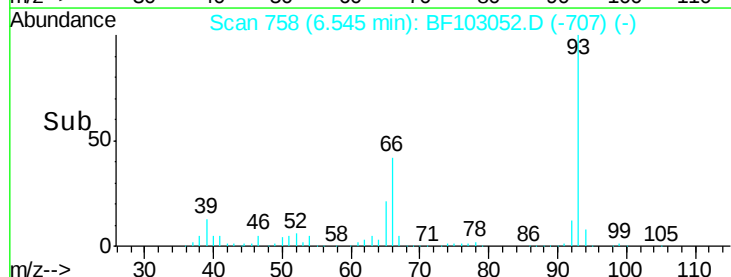
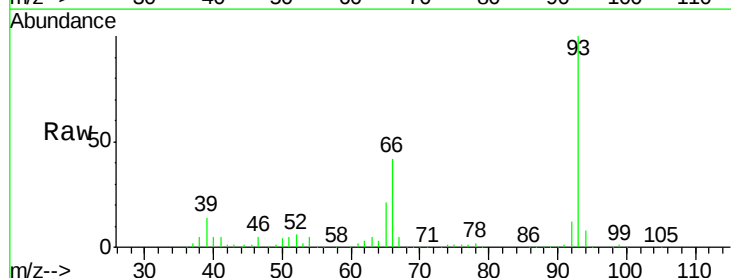
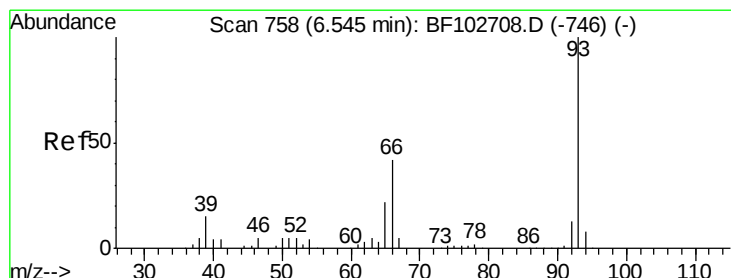
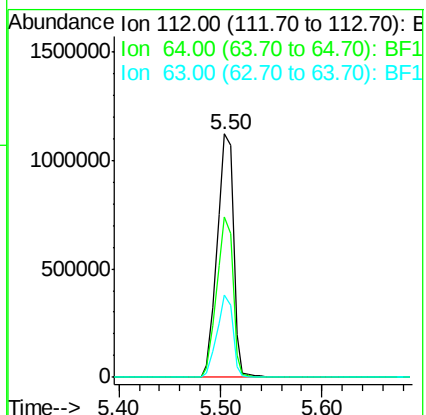
Tgt Ion:112 Resp: 1267706

Ion Ratio Lower Upper

112 100

64 66.1 47.9 71.9

63 33.7 23.7 35.5



#6

Aniline

Concen: 27.371 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

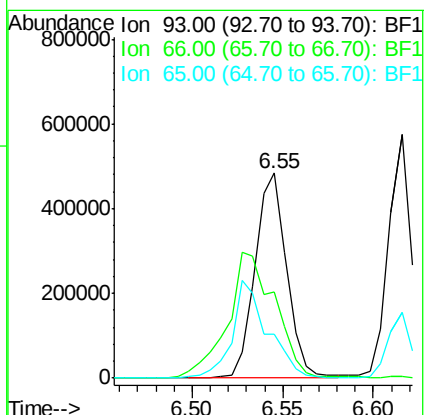
Tgt Ion: 93 Resp: 587253

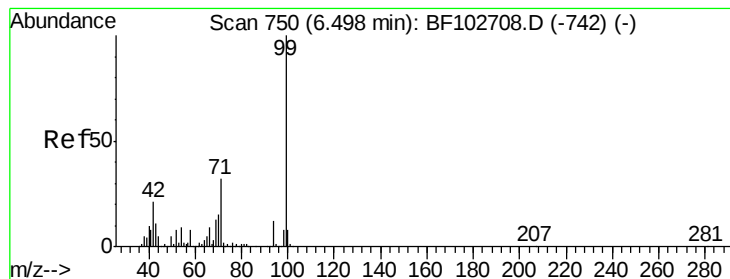
Ion Ratio Lower Upper

93 100

66 42.1 32.2 48.2

65 21.4 16.4 24.6





#7

Phenol-d6

Concen: 105.071 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

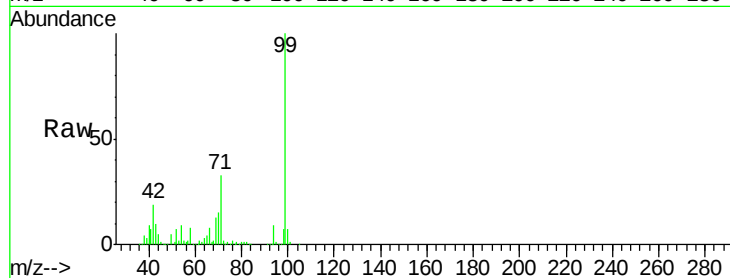
Tgt Ion: 99 Resp: 1526511

Ion Ratio Lower Upper

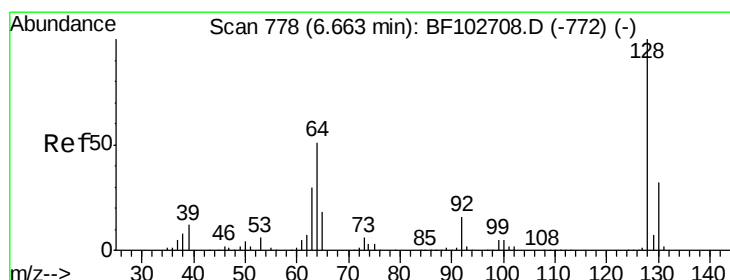
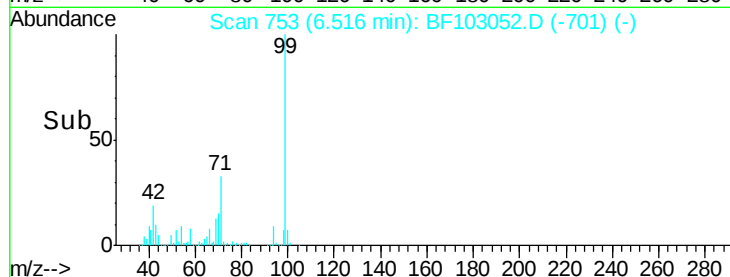
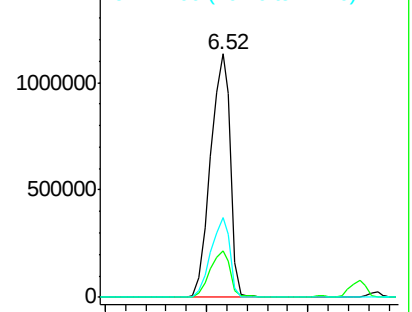
99 100

42 19.3 14.5 21.7

71 33.0 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: 38.461 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

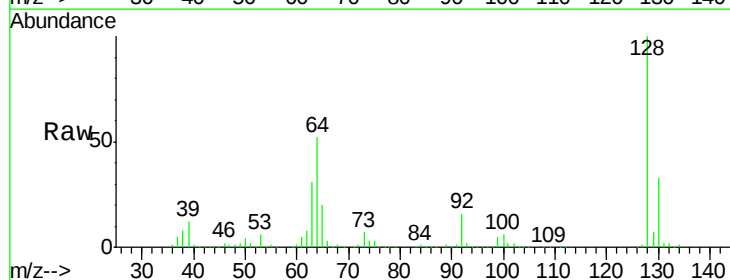
Tgt Ion: 128 Resp: 477774

Ion Ratio Lower Upper

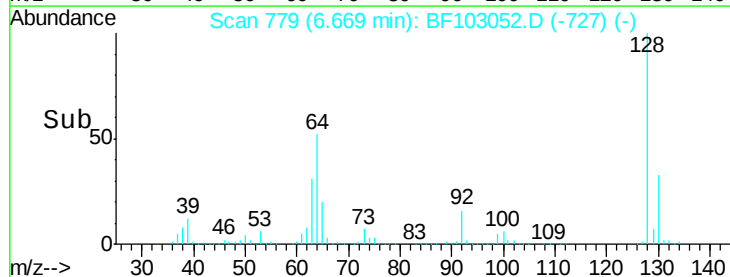
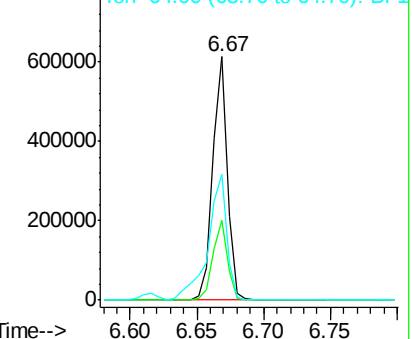
128 100

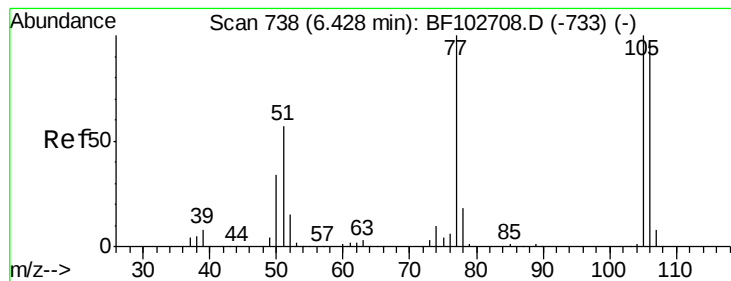
130 32.7 13.0 53.0

64 51.7 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: 9.906 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

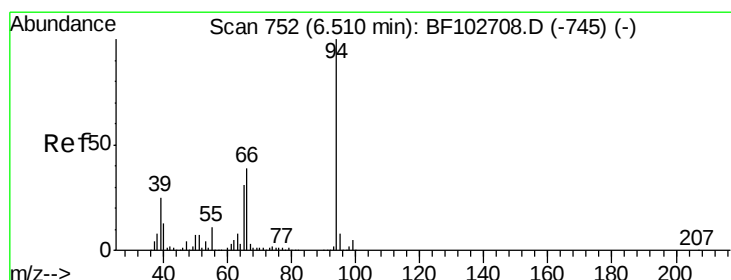
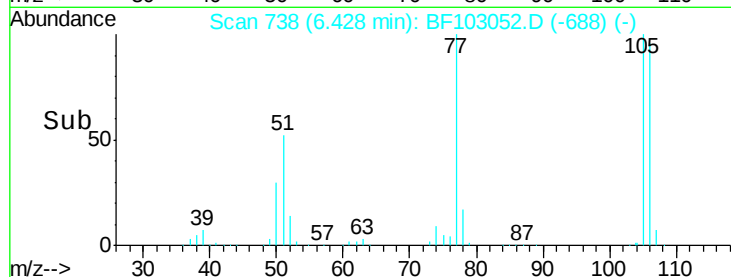
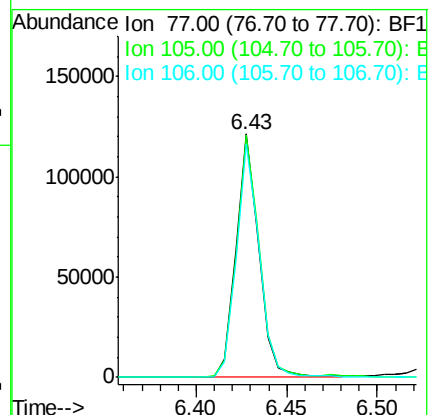
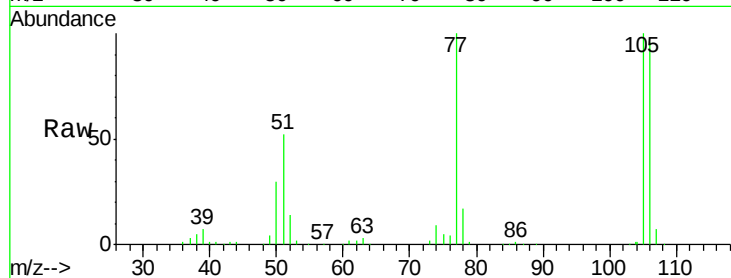
Tgt Ion: 77 Resp: 106873

Ion Ratio Lower Upper

77 100

105 99.5 81.1 121.1

106 95.8 74.5 114.5



#10

Phenol

Concen: 41.656 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

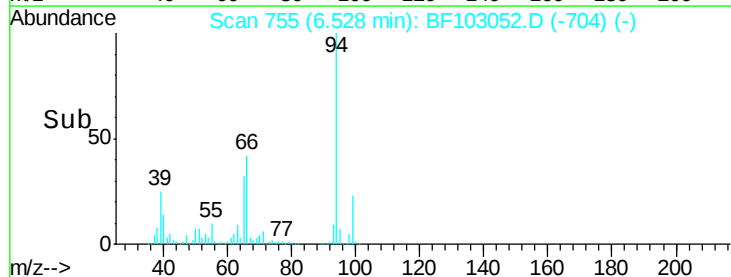
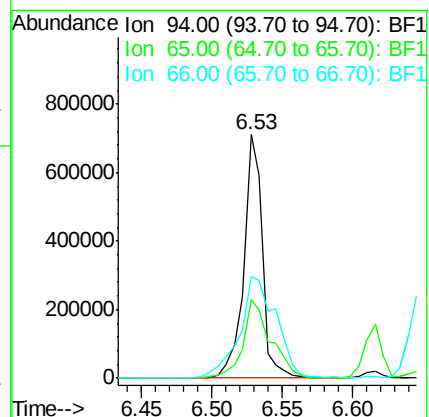
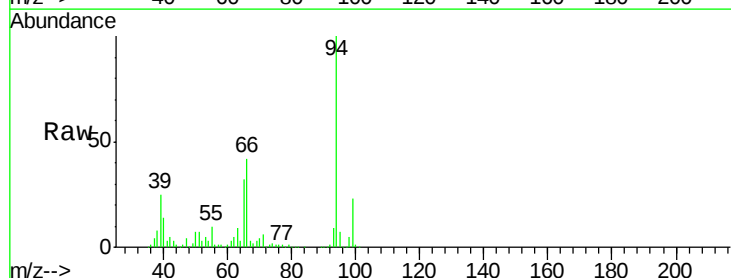
Tgt Ion: 94 Resp: 648585

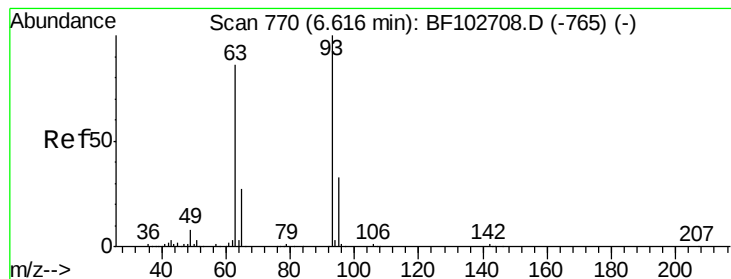
Ion Ratio Lower Upper

94 100

65 32.4 7.9 47.9

66 41.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.666 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

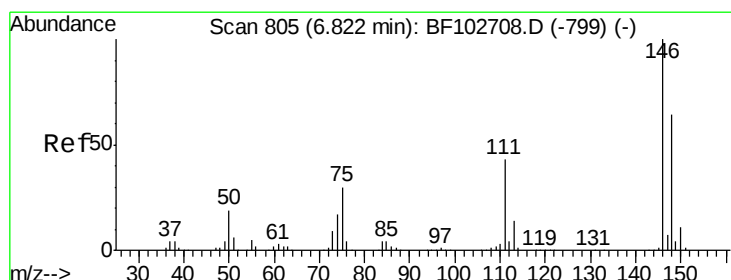
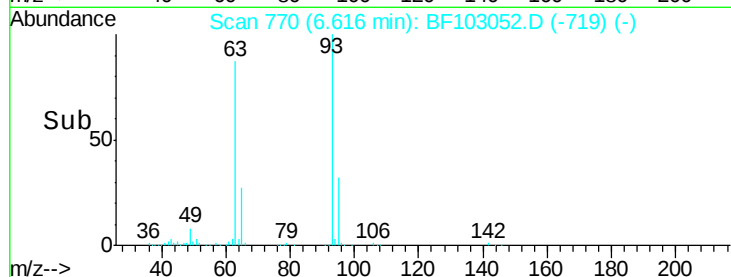
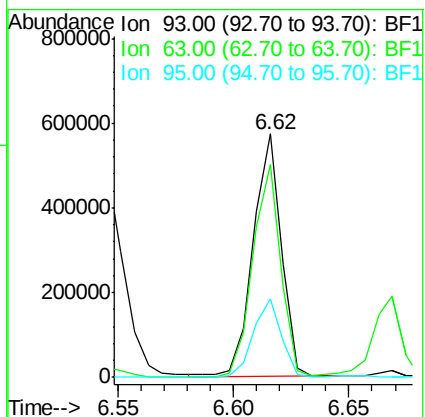
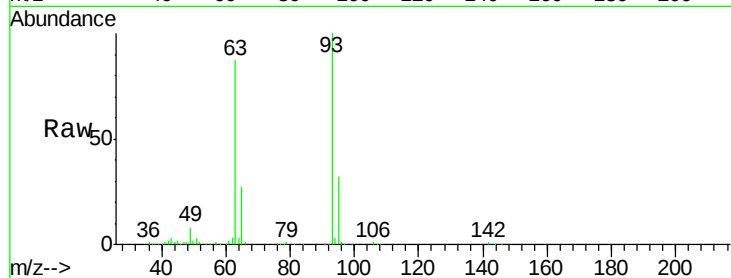
Tgt Ion: 93 Resp: 488002

Ion Ratio Lower Upper

93 100

63 87.3 58.6 98.6

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 34.328 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

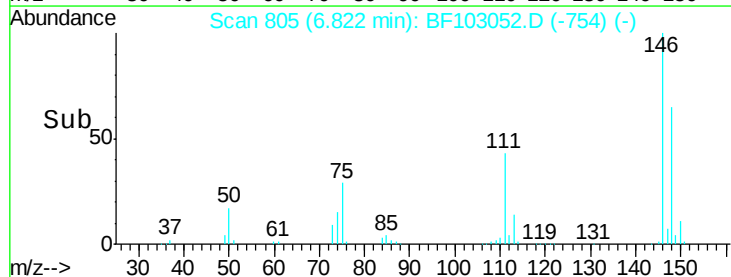
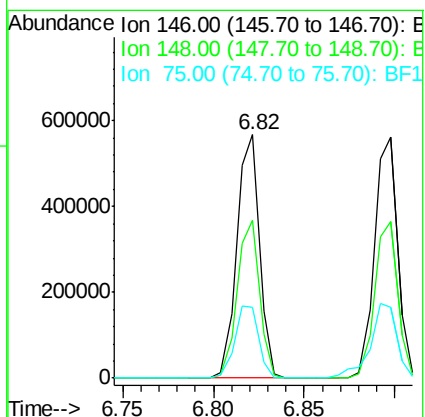
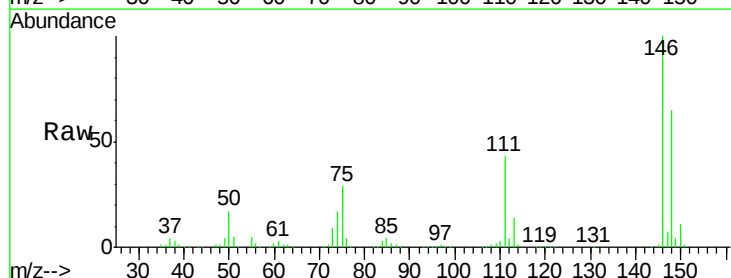
Tgt Ion: 146 Resp: 493806

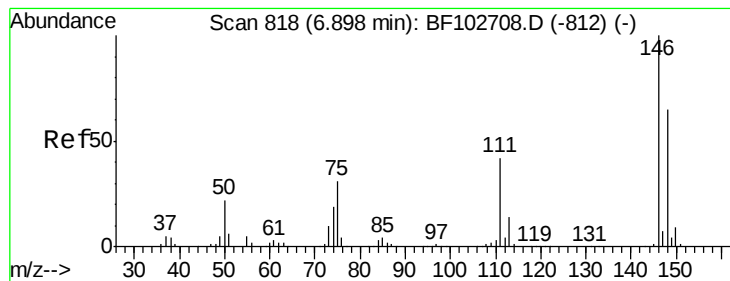
Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

75 29.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 34.916 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

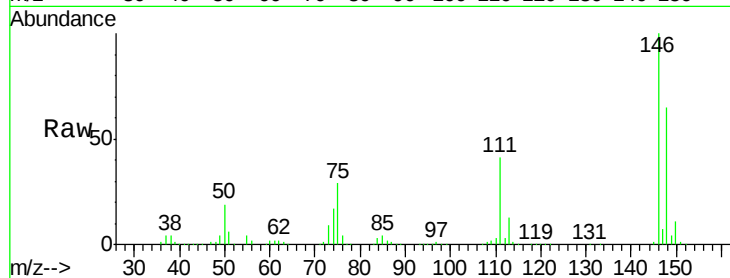
Tgt Ion:146 Resp: 500334

Ion Ratio Lower Upper

146 100

148 65.1 50.8 76.2

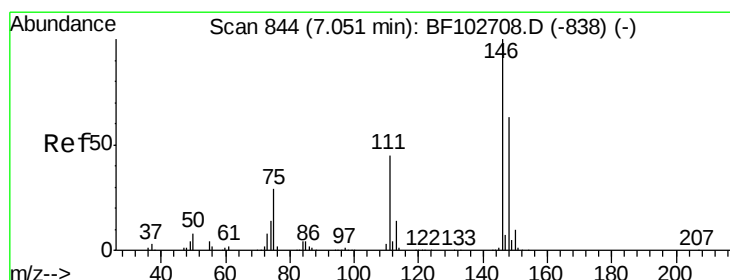
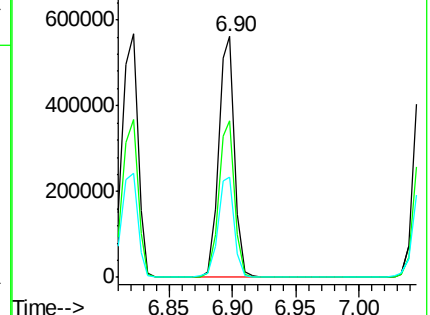
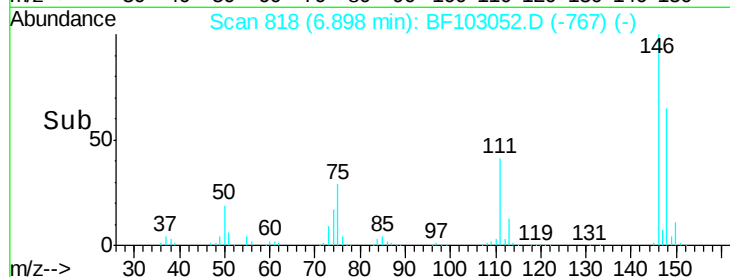
111 41.5 34.2 51.2



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: 34.971 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

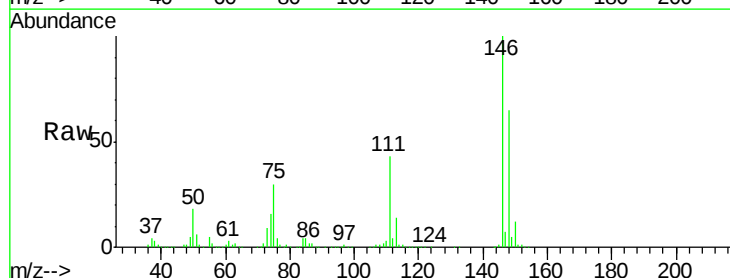
Tgt Ion:146 Resp: 466753

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

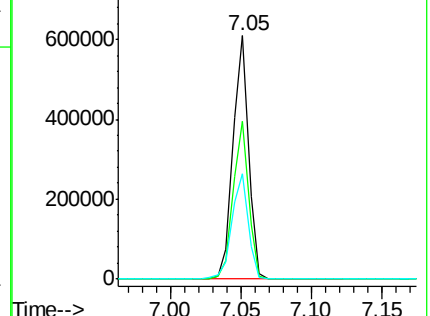
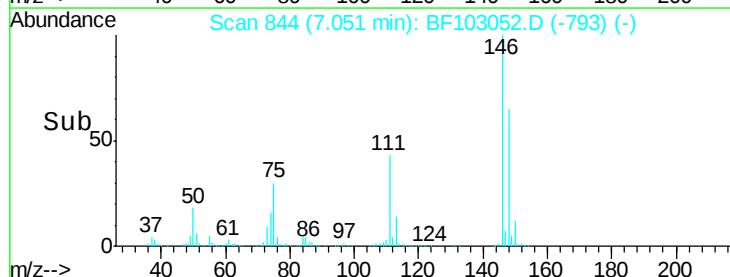
111 43.1 36.0 54.0

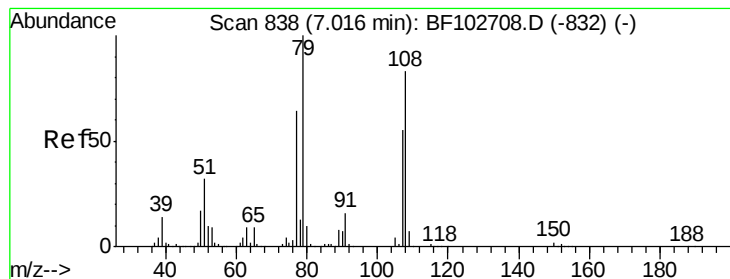


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.556 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

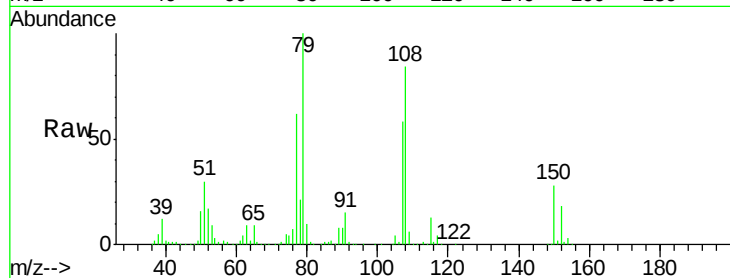
Tgt Ion: 79 Resp: 419490

Ion Ratio Lower Upper

79 100

108 83.8 65.1 97.7

77 61.6 50.6 75.8

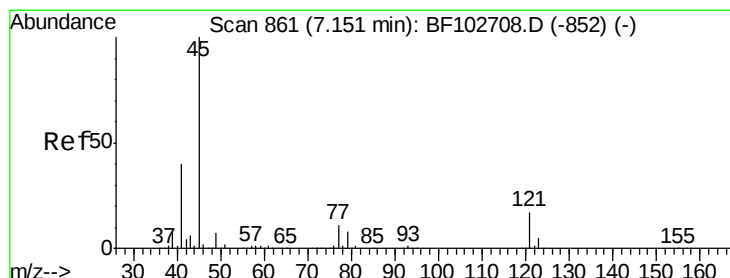
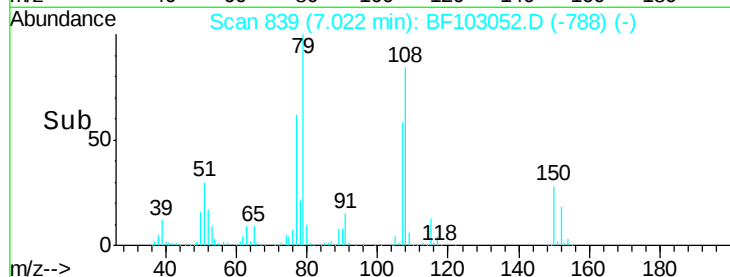
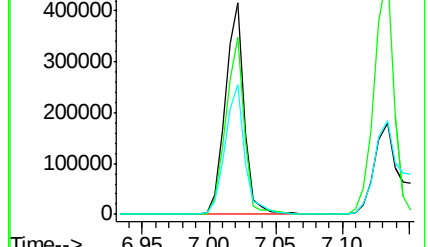


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.850 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

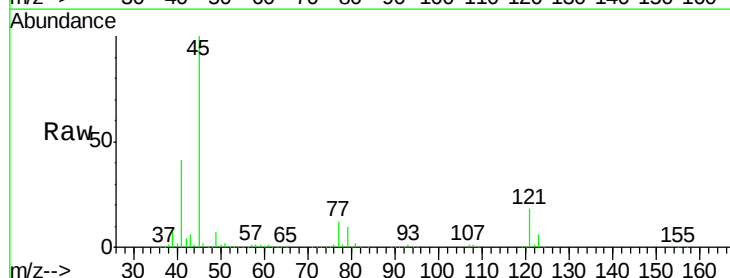
Tgt Ion: 45 Resp: 833099

Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.9

79 9.5 0.0 29.6

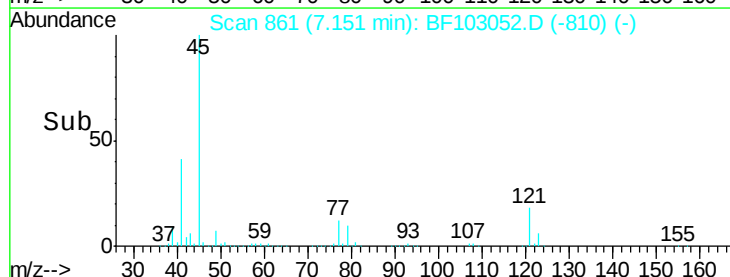
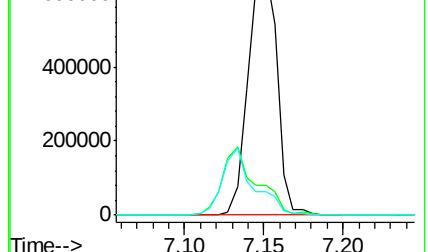


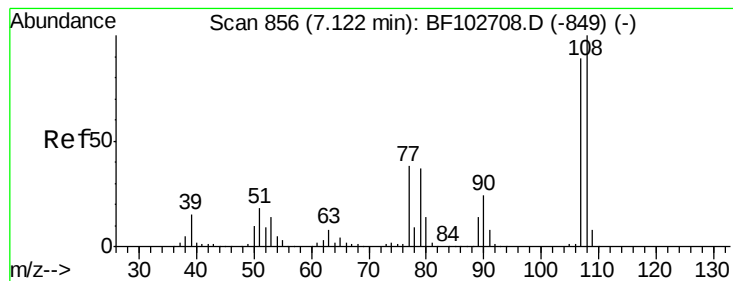
Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->





#17

2-Methylphenol

Concen: 36.264 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

Tgt Ion:107 Resp: 415524

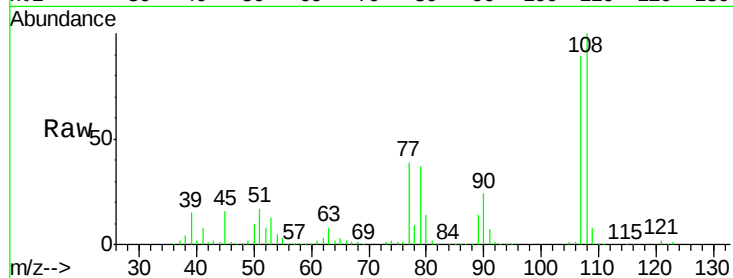
Ion Ratio Lower Upper

107 100

108 113.0 91.7 137.5

77 43.7 33.8 50.8

79 42.4 33.8 50.8

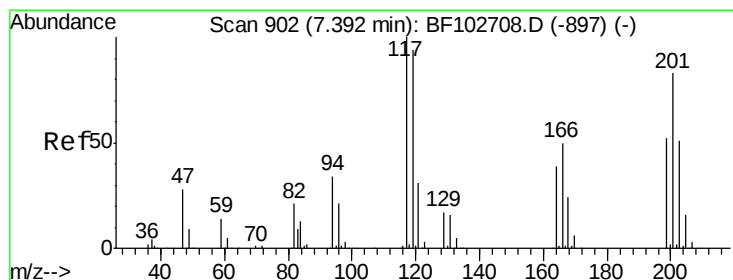
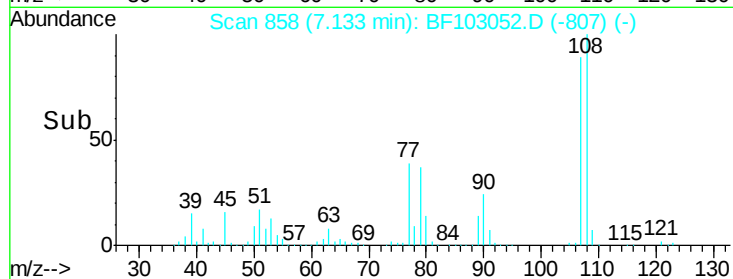
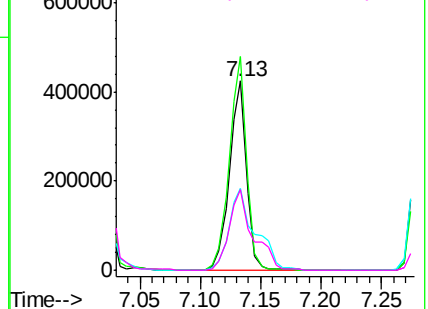


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.018 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

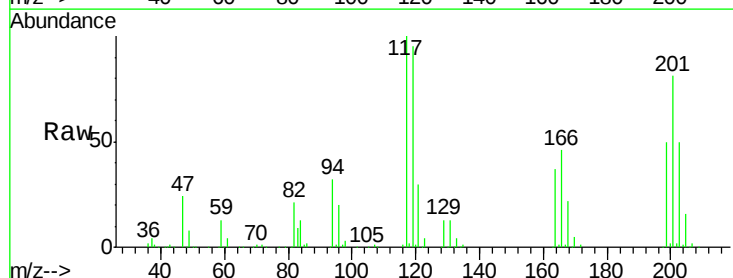
Tgt Ion:117 Resp: 167158

Ion Ratio Lower Upper

117 100

119 95.2 75.8 113.8

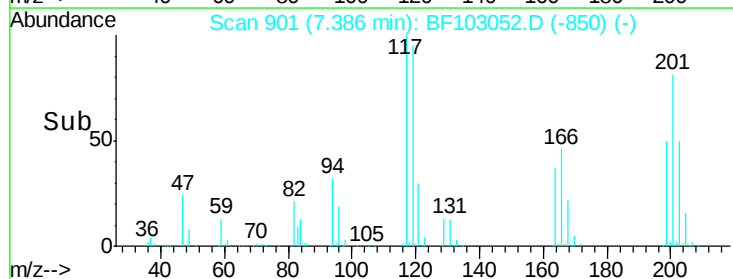
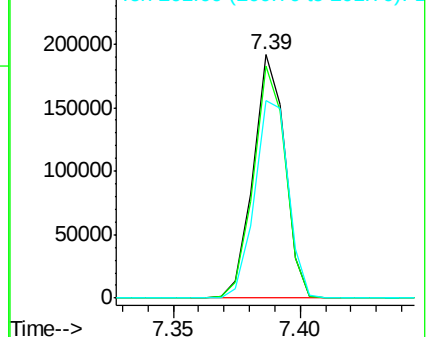
201 81.1 75.7 113.5

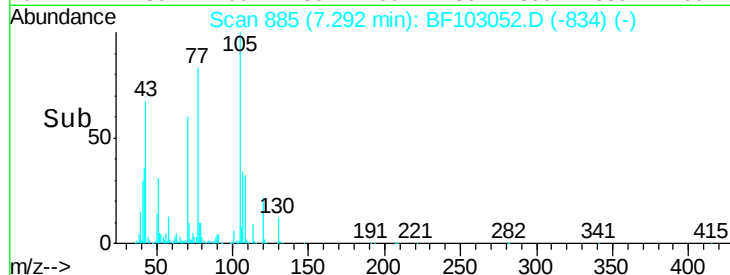
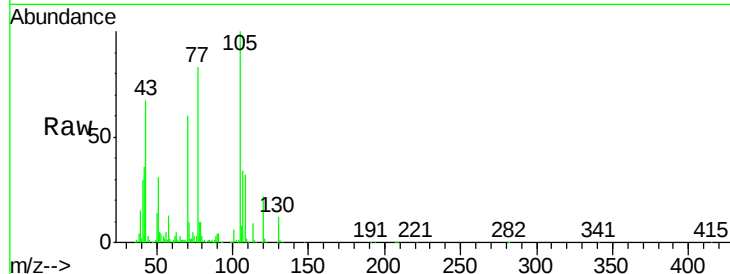
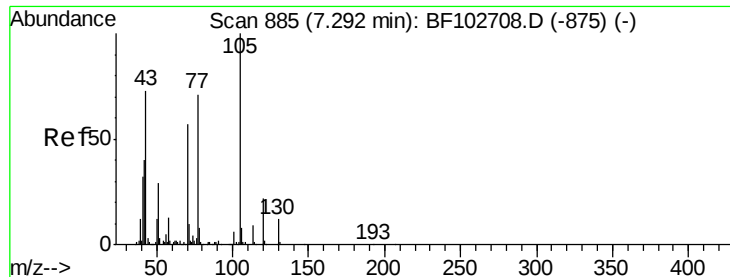


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

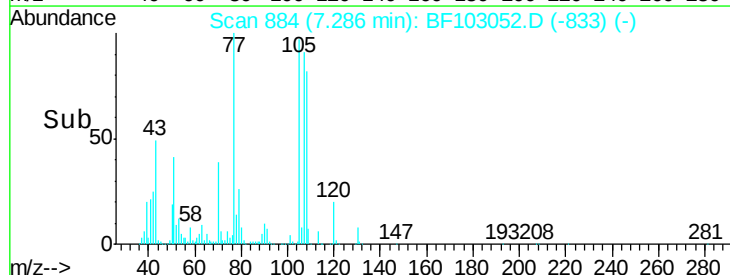
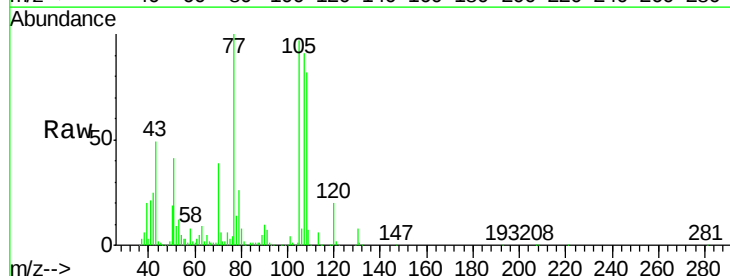
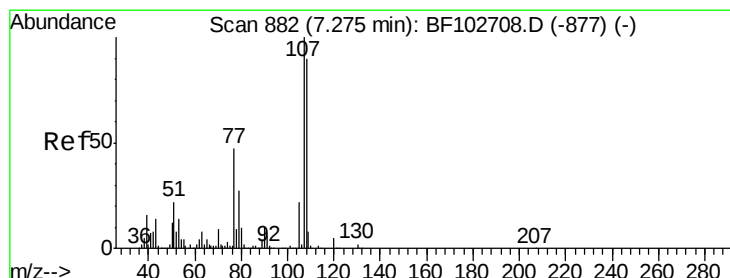
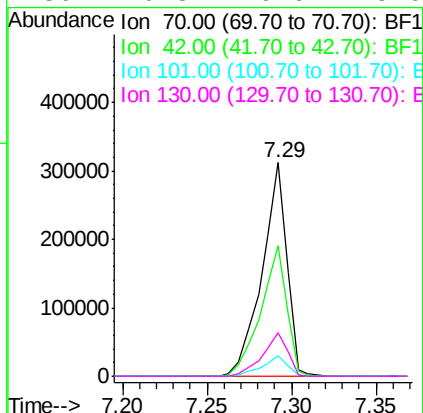




#19
n-Nitroso-di-n-propylamine
Concen: 33.130 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

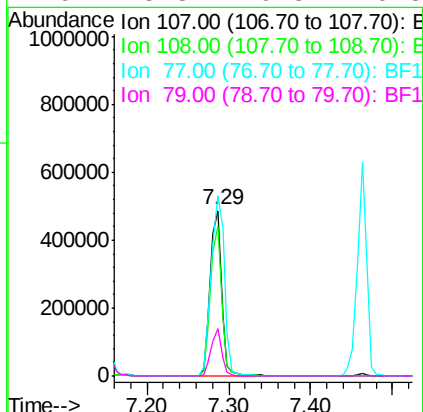
Instrument :
BNA_F
ClientSampleId :
RO-155MS

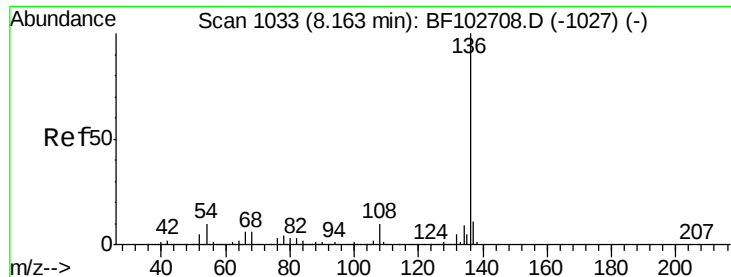
Tgt Ion: 70 Resp: 317348
Ion Ratio Lower Upper
70 100
42 60.9 47.5 71.3
101 9.6 7.4 11.2
130 20.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 33.293 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion: 107 Resp: 470434
Ion Ratio Lower Upper
107 100
108 90.3 68.2 108.2
77 109.5 26.7 66.7#
79 28.8 6.3 46.3

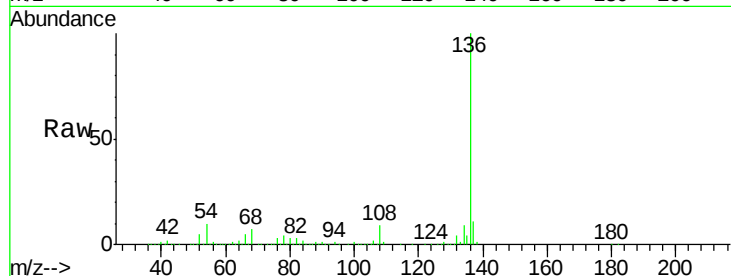




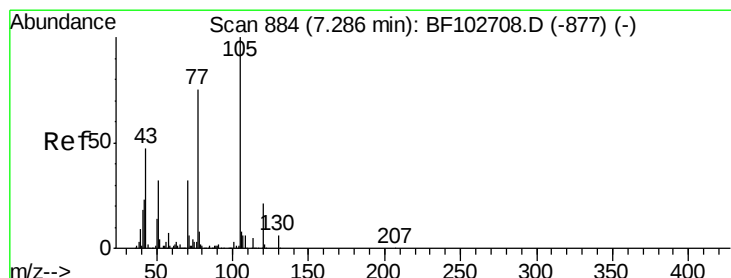
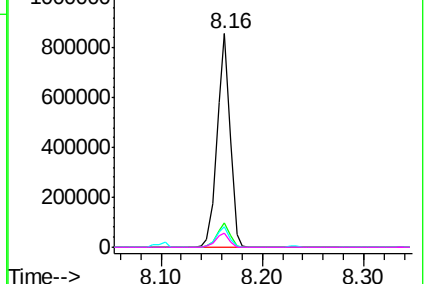
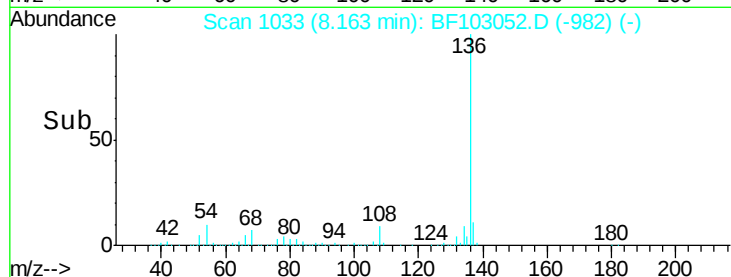
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Instrument :
BNA_F
ClientSampleId :
RO-155MS

Tgt Ion:	136	Resp:	757247
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.7	6.6	9.8
68	6.6	5.0	7.4

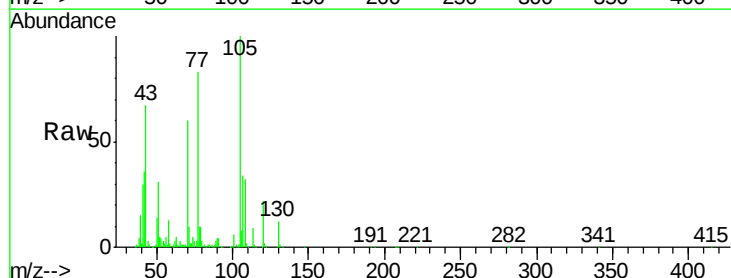


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

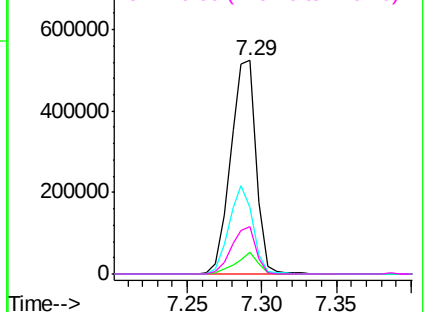
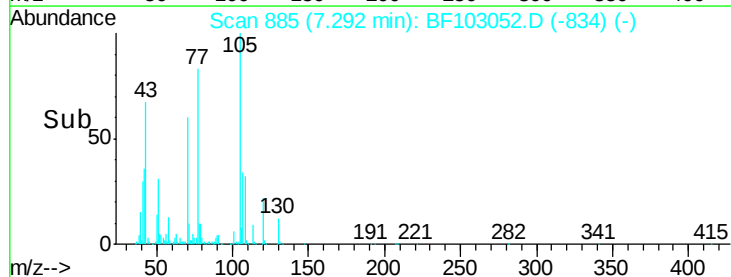


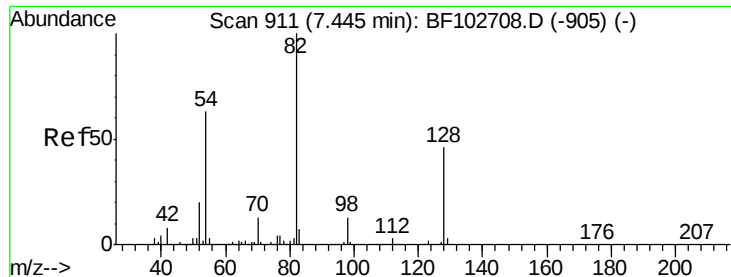
#22
Acetophenone
Concen: 33.739 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion:	105	Resp:	625195
Ion	Ratio	Lower	Upper
105	100		
71	10.0	4.4	6.6#
51	31.4	22.3	33.5
120	22.0	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

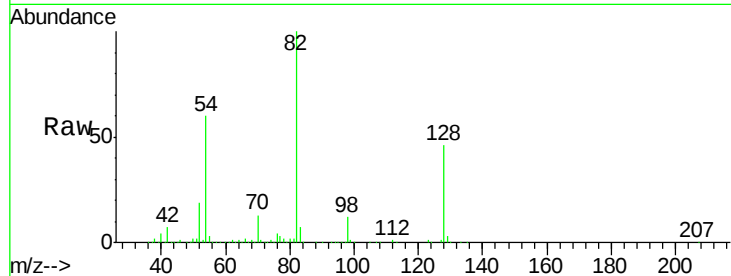




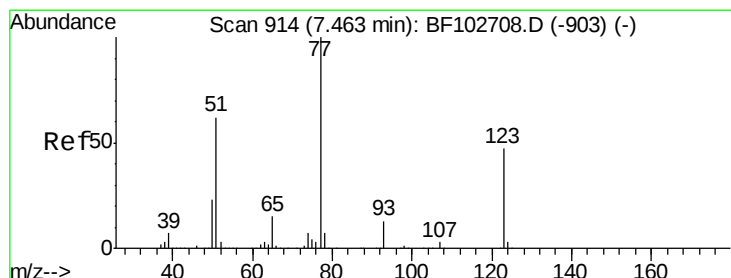
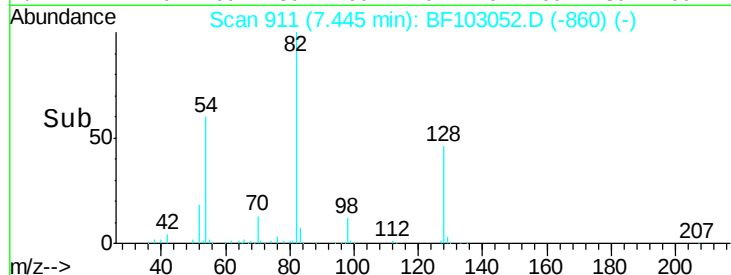
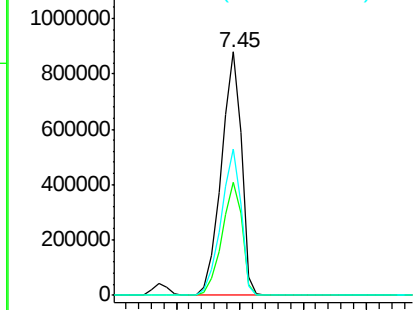
#23
 Nitrobenzene-d5
 Concen: 89.075 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	60.0	41.4	62.2

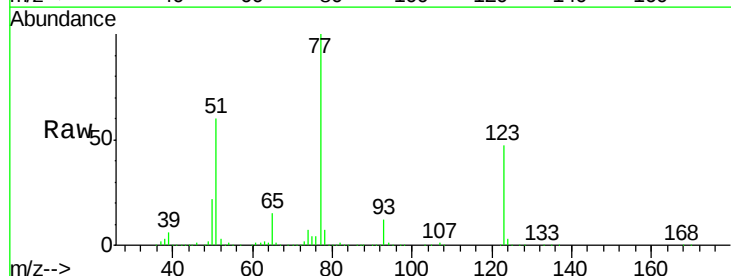


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

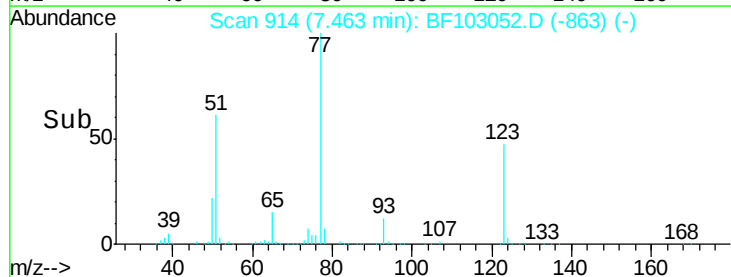
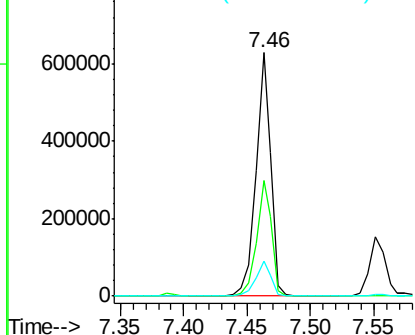


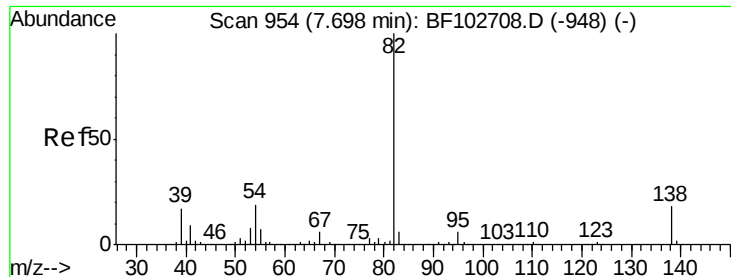
#24
 Nitrobenzene
 Concen: 40.347 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.9	56.9
65	14.6	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.082 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

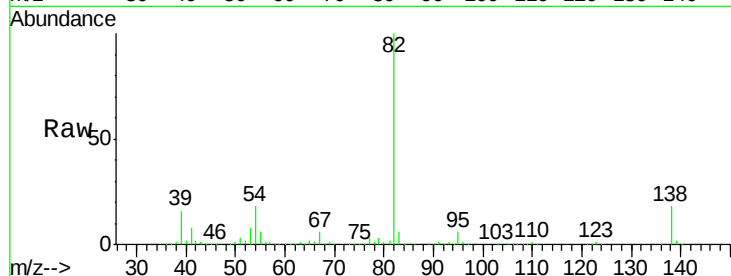
Tgt Ion: 82 Resp: 957220

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

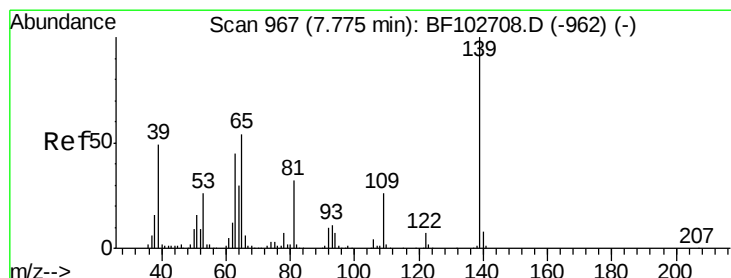
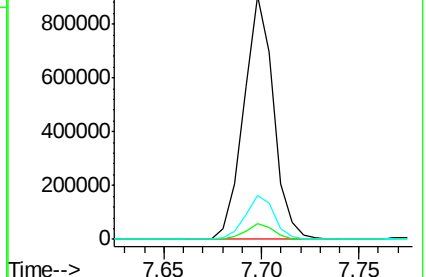
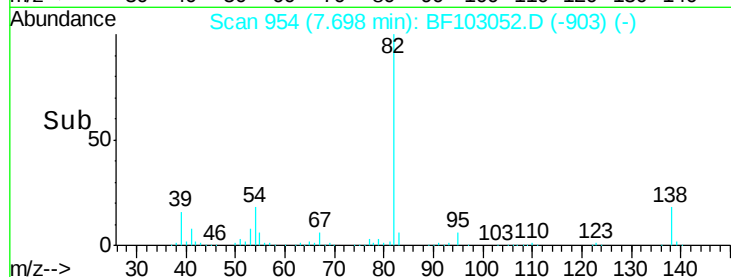
138 17.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.971 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

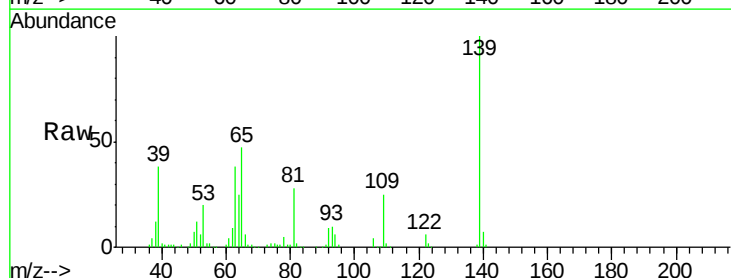
Tgt Ion: 139 Resp: 253019

Ion Ratio Lower Upper

139 100

109 24.8 22.7 34.1

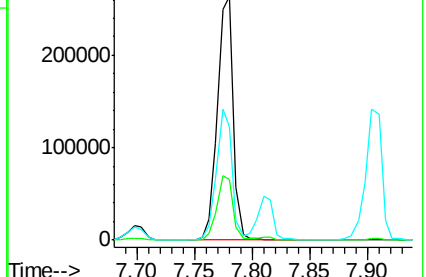
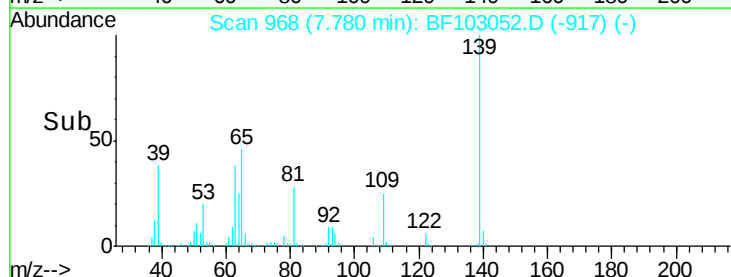
65 46.6 40.5 60.7

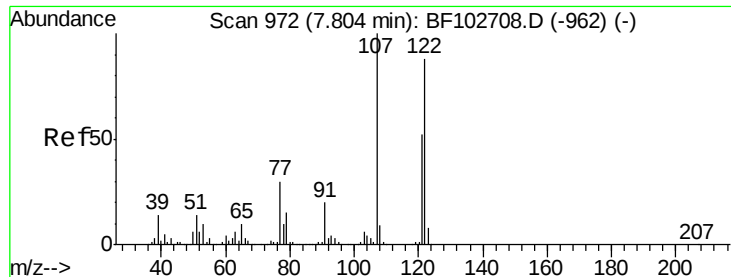


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

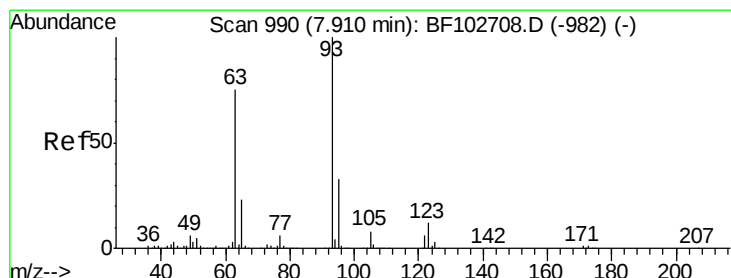
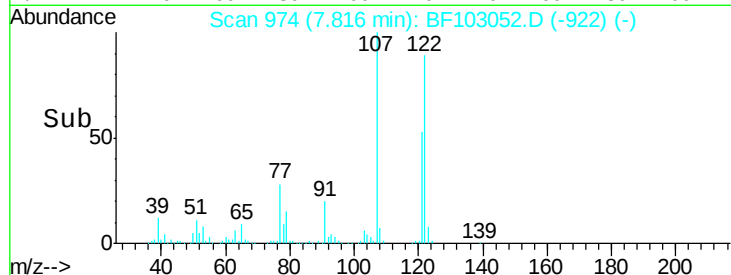
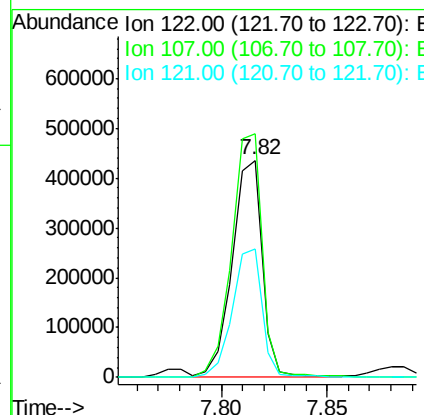
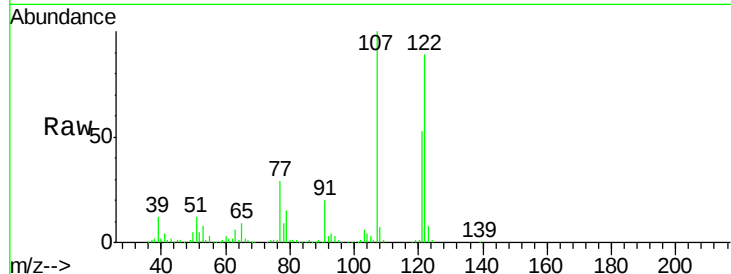




#27
 2,4-Dimethylphenol
 Concen: 40.191 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

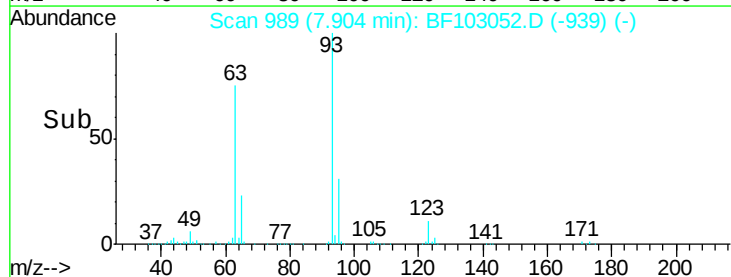
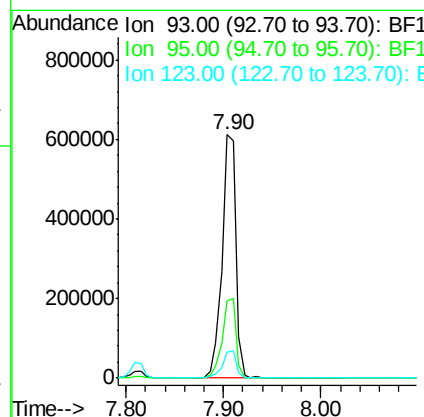
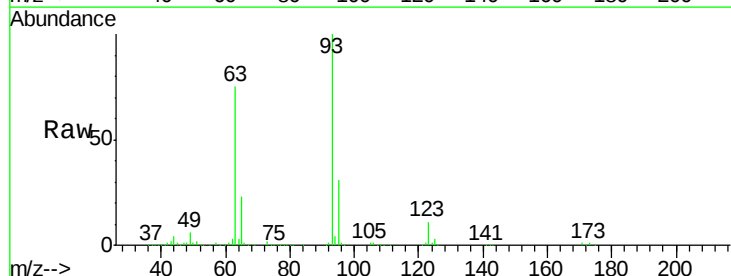
Instrument :
 BNA_F
 ClientSampleId :
 RO-155MS

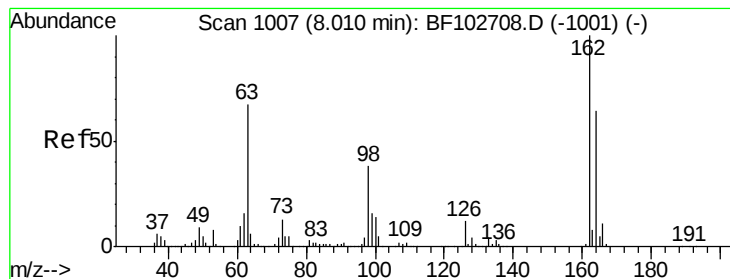
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.1	91.2	136.8
121	58.9	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.641 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.3	39.5
123	10.8	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 39.893 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

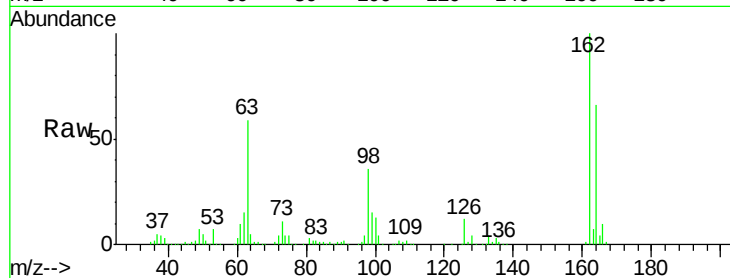
Tgt Ion:162 Resp: 385118

Ion Ratio Lower Upper

162 100

164 65.6 42.7 82.7

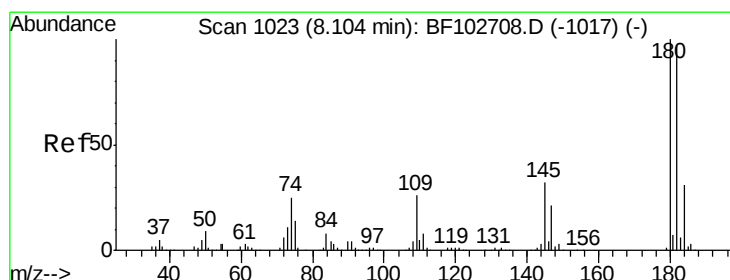
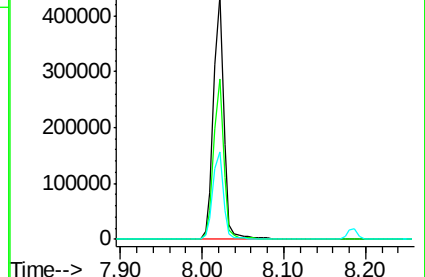
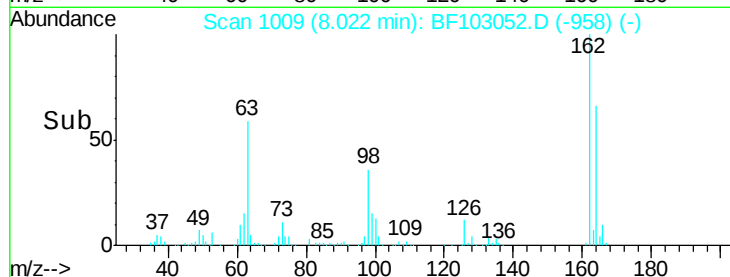
98 35.9 18.1 58.1



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: 34.539 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

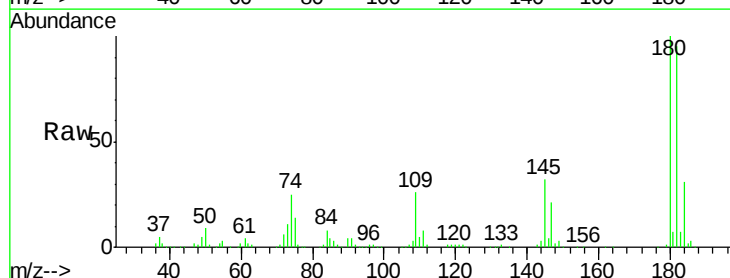
Tgt Ion:180 Resp: 377203

Ion Ratio Lower Upper

180 100

182 95.4 76.8 115.2

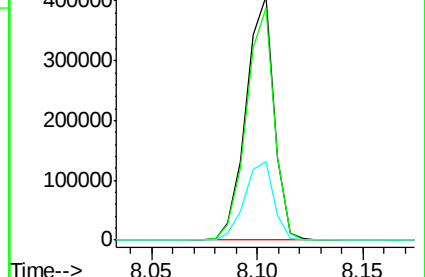
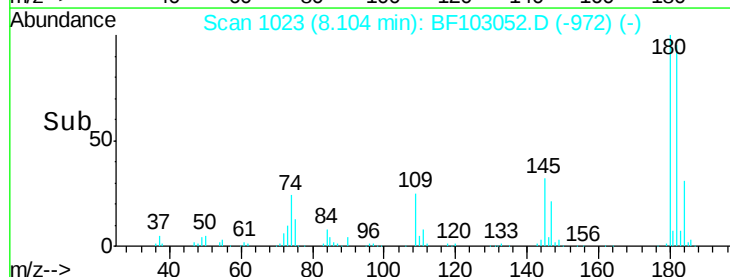
145 32.2 26.5 39.7

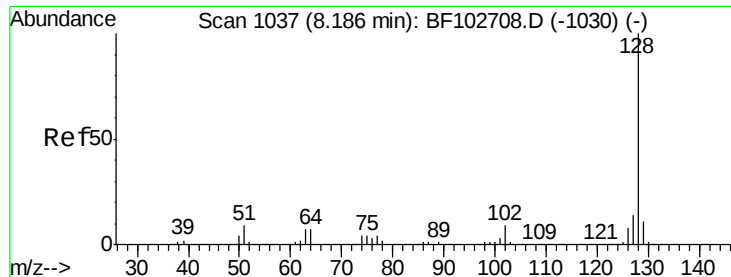


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

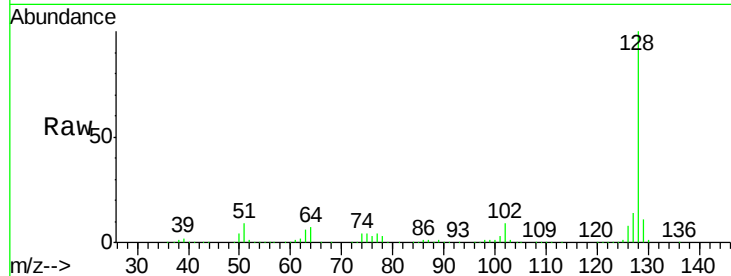




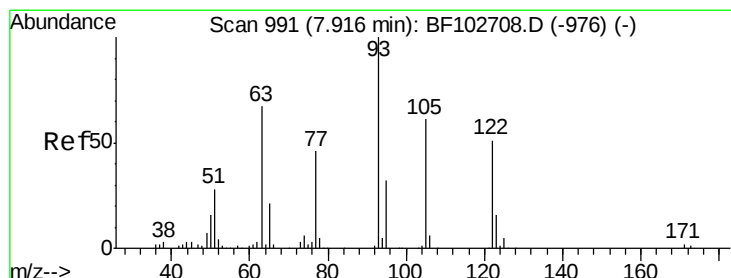
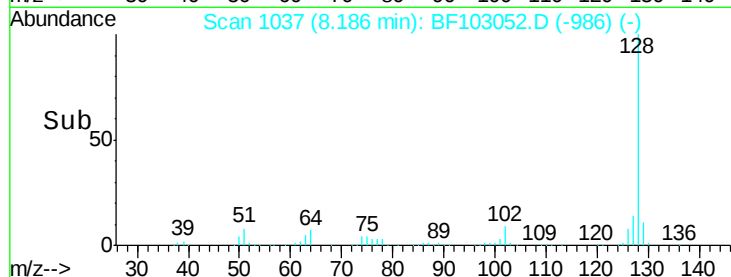
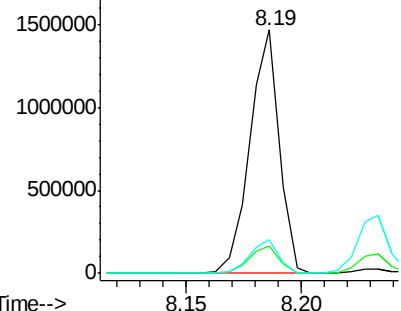
#31
Naphthalene
Concen: 35.123 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Instrument :
BNA_F
ClientSampleId :
RO-155MS

Tgt Ion:128 Resp: 1299460
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.9 10.9 16.3

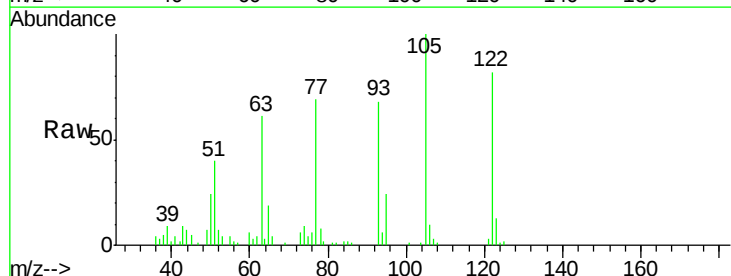


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

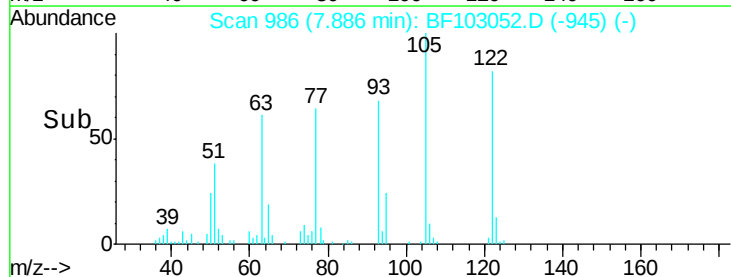
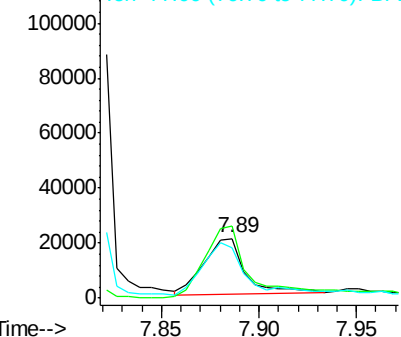


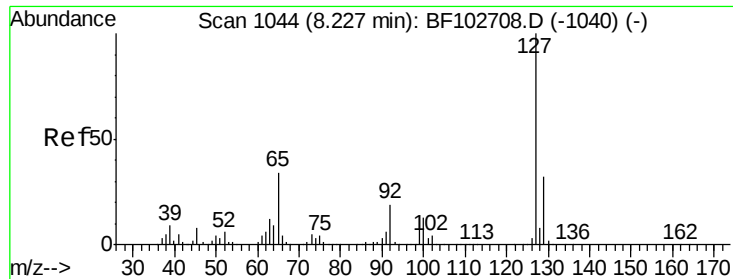
#32
Benzoic acid
Concen: 12.234 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.06 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion:122 Resp: 29041
Ion Ratio Lower Upper
122 100
105 122.3 101.1 141.1
77 84.0 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
120000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

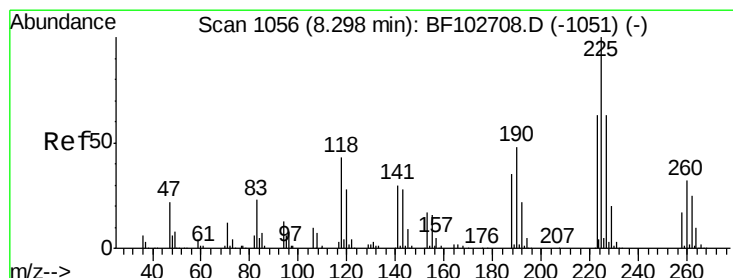
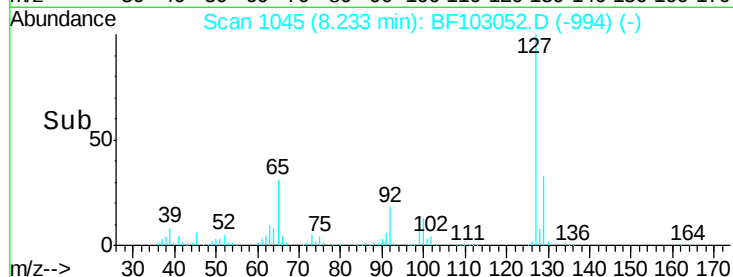
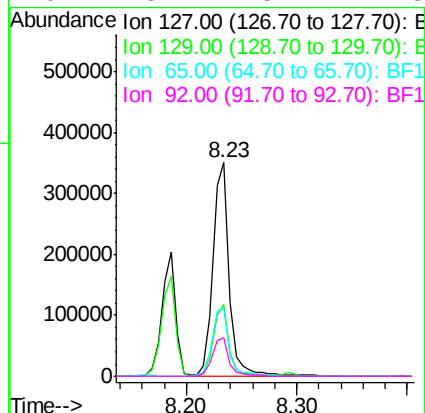
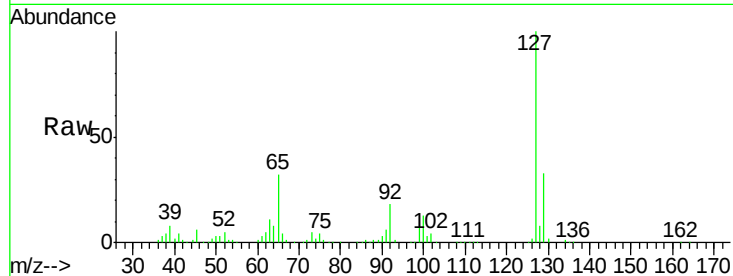




#33
4-Chloroaniline
Concen: 21.799 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

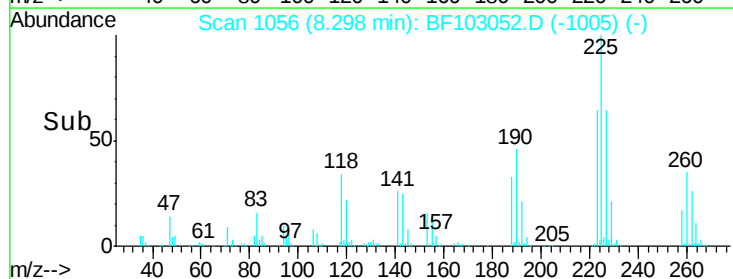
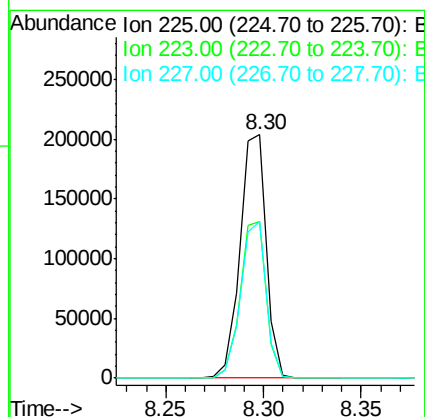
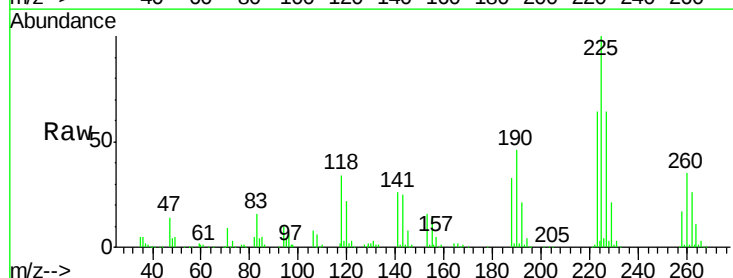
Instrument :
BNA_F
ClientSampleId :
RO-155MS

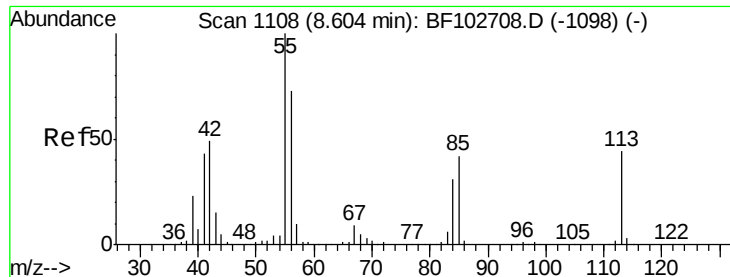
Tgt Ion:	127	Resp:	347432
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	31.6	25.0	37.4
92	18.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 33.924 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion:	225	Resp:	189844
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	64.3	51.9	77.9





#35

Caprolactam

Concen: 38.478 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

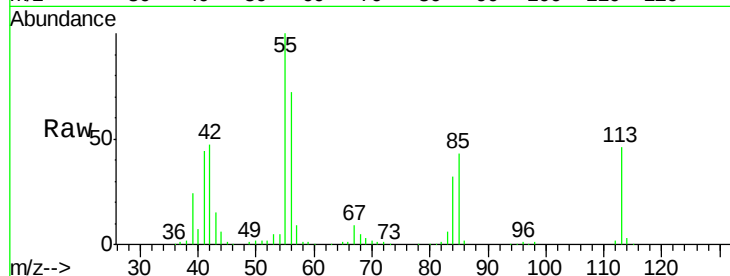
Tgt Ion:113 Resp: 128999

Ion Ratio Lower Upper

113 100

55 216.4 163.3 203.3#

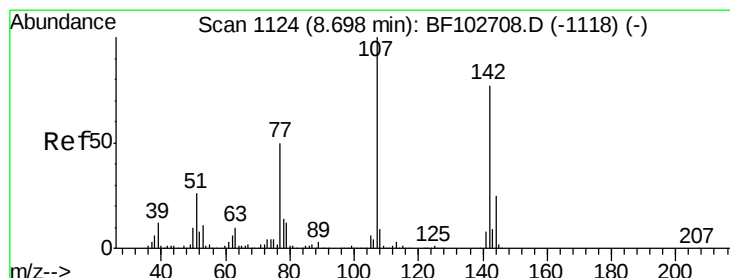
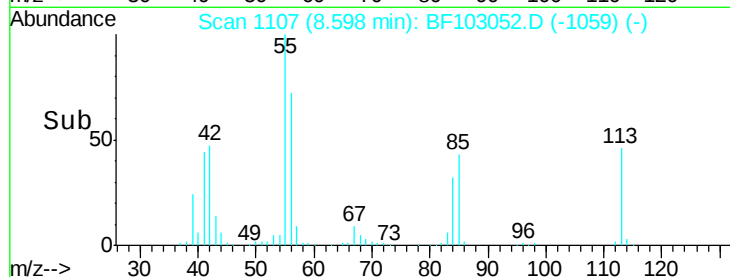
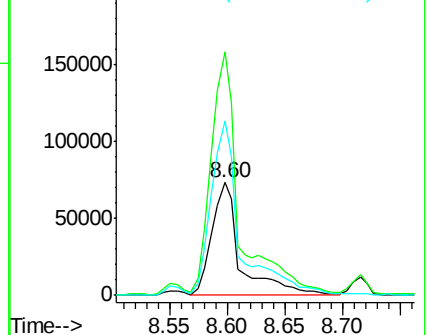
56 155.6 115.7 155.7



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: 38.868 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

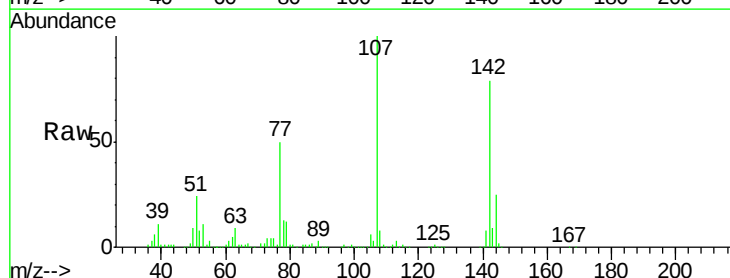
Tgt Ion:107 Resp: 421584

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

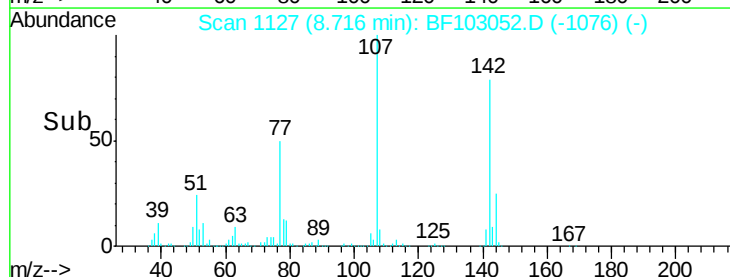
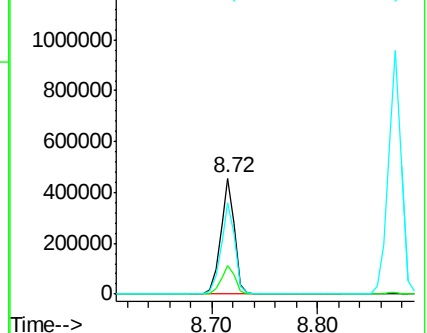
142 79.2 62.0 93.0

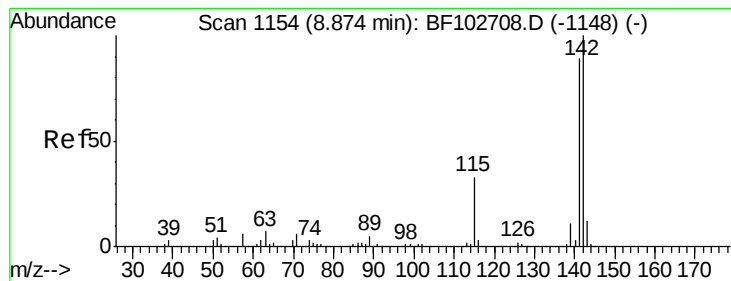


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

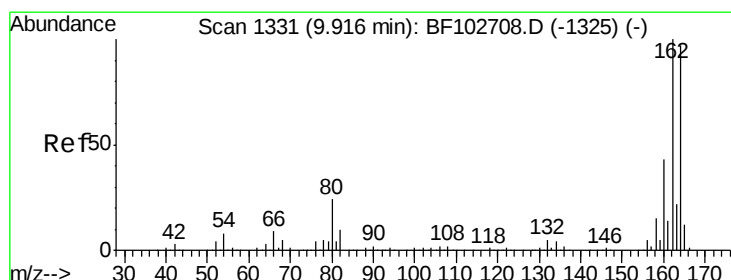
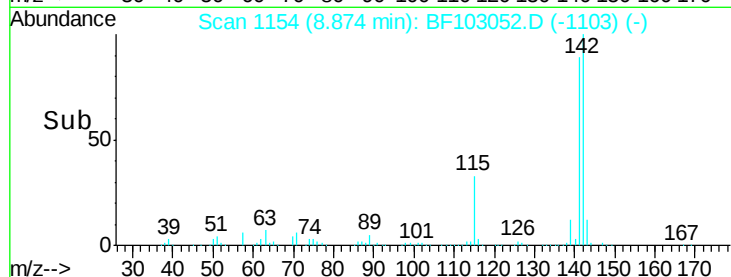
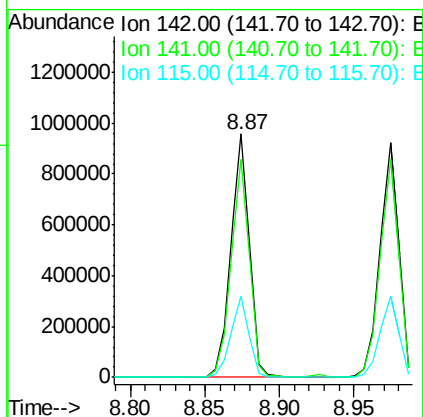
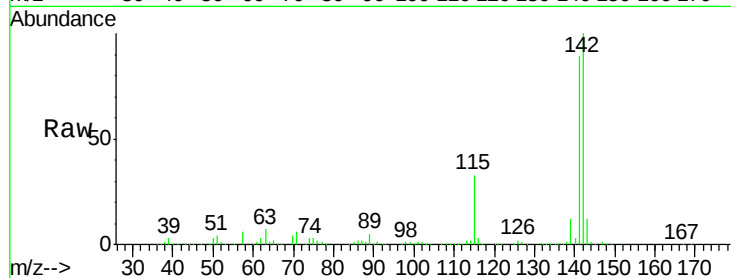




#37
2-Methylnaphthalene
Concen: 34.932 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

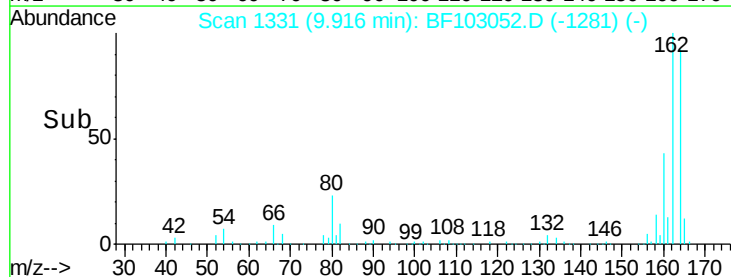
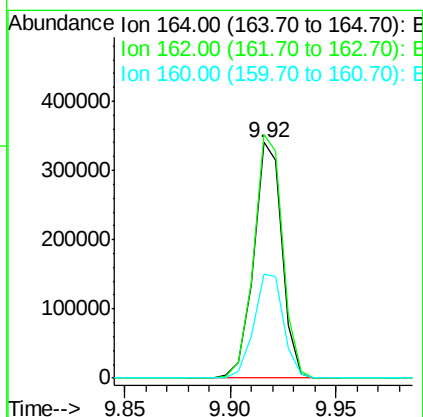
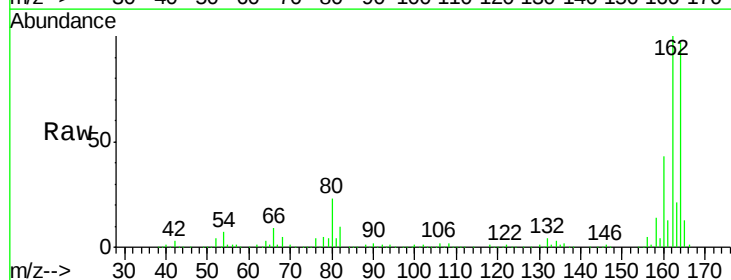
Instrument :
BNA_F
ClientSampleId :
RO-155MS

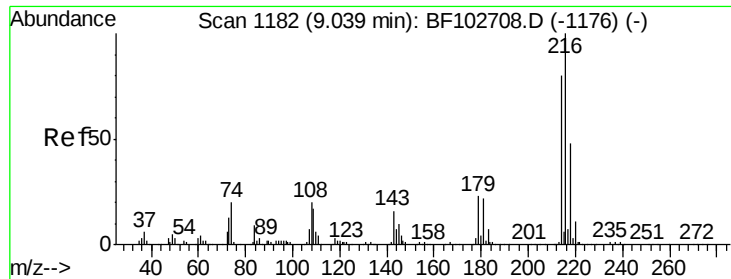
Tgt Ion:142 Resp: 846157
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 33.3 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion:164 Resp: 317391
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 44.3 38.3 57.5

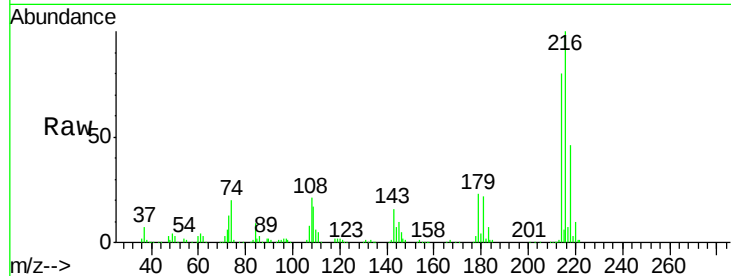




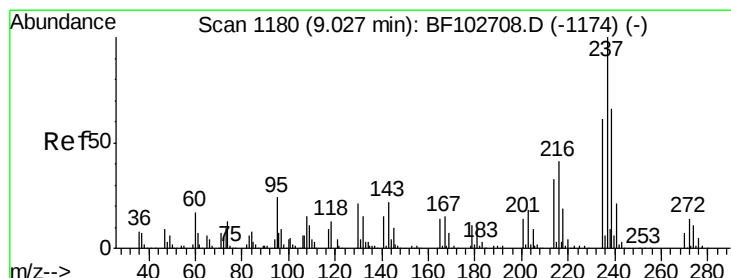
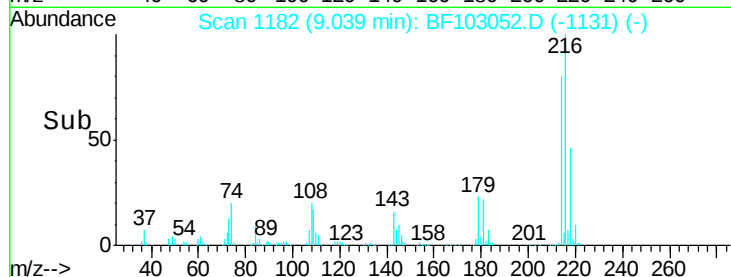
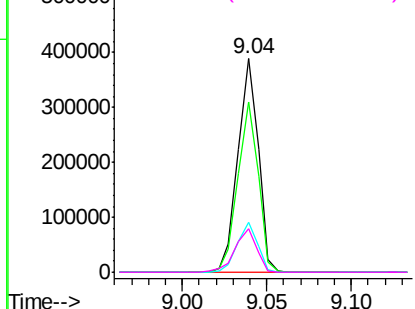
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.703 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MS

Tgt Ion:	216	Resp:	325831
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	23.3	18.1	27.1
108	22.1	17.2	25.8

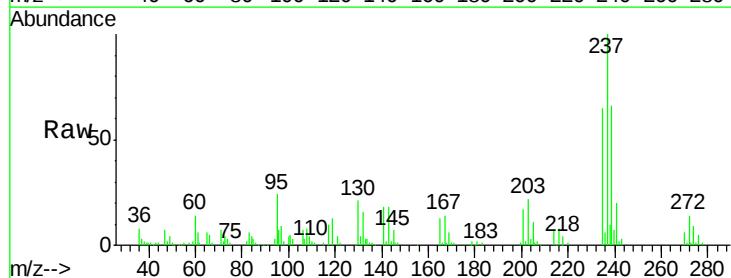


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

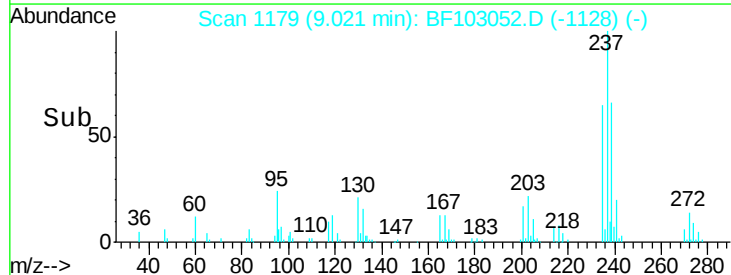
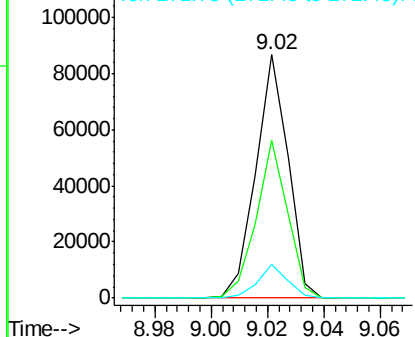


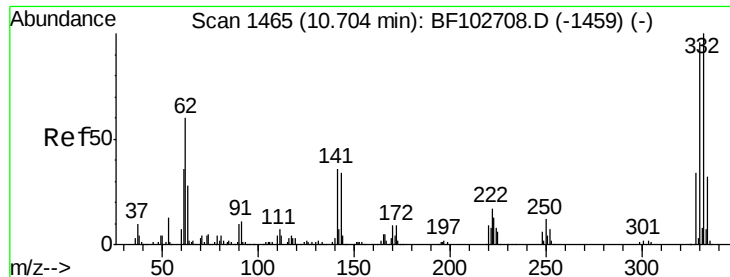
#40
 Hexachlorocyclopentadiene
 Concen: 16.805 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Tgt Ion:	237	Resp:	69040
Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.8	84.8
272	14.0	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

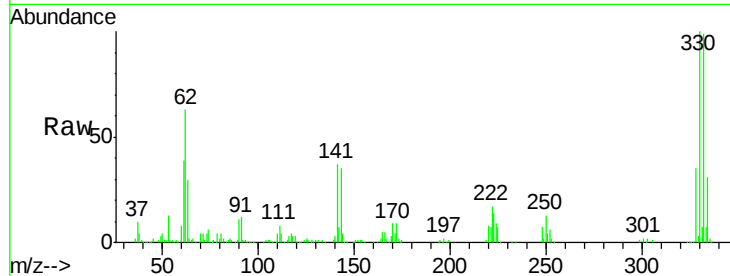




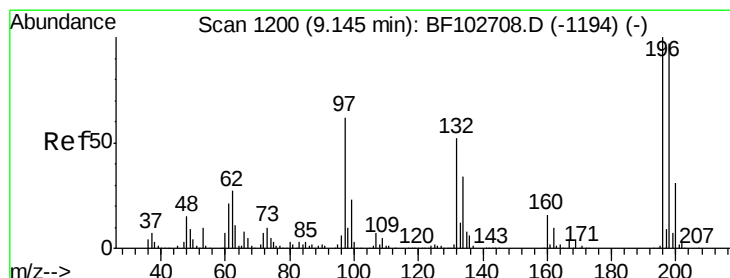
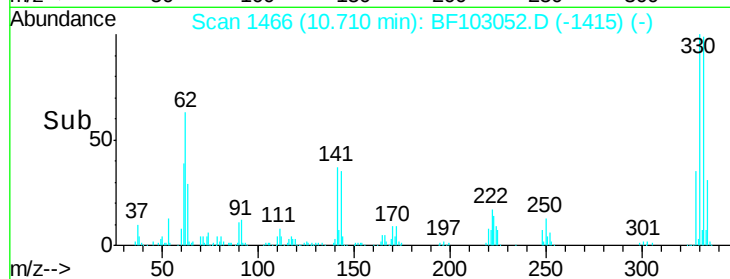
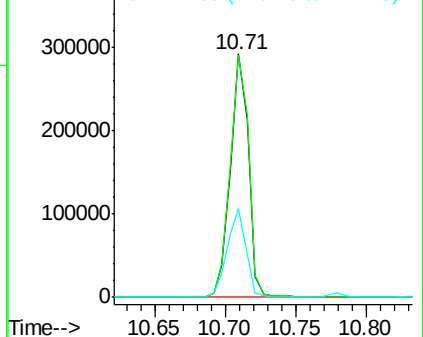
#41
 2,4,6-Tribromophenol
 Concen: 103.192 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MS

Tgt Ion:330 Resp: 263616
 Ion Ratio Lower Upper
 330 100
 332 101.8 77.0 115.6
 141 37.7 29.9 44.9

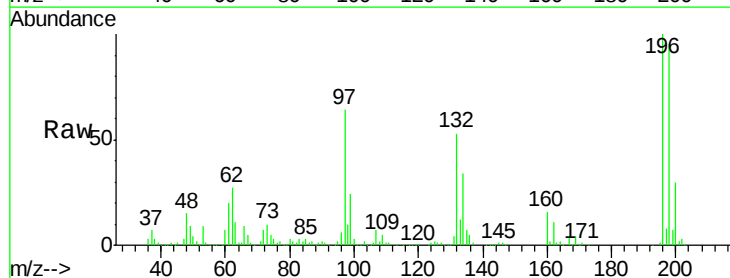


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

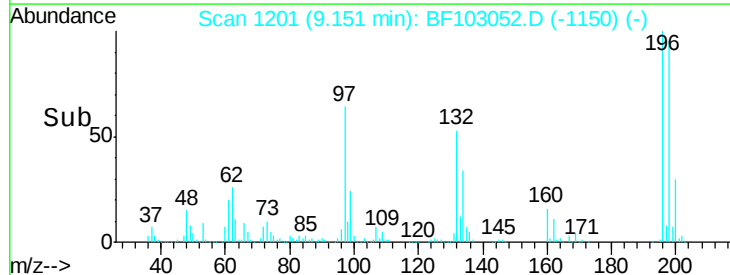
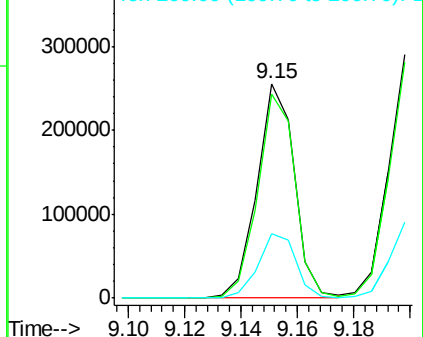


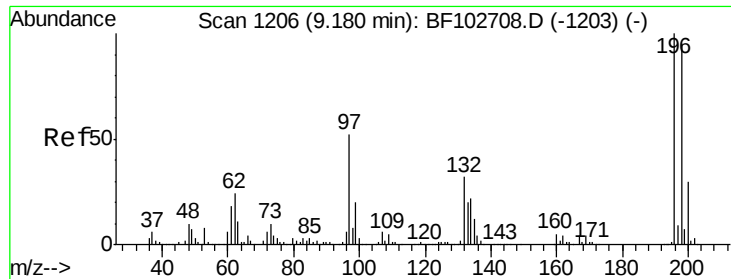
#42
 2,4,6-Trichlorophenol
 Concen: 41.350 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Tgt Ion:196 Resp: 234713
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 29.9 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

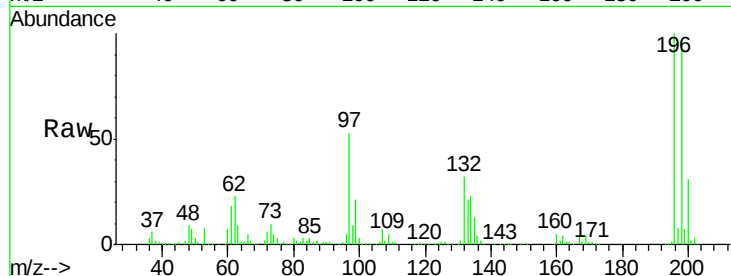




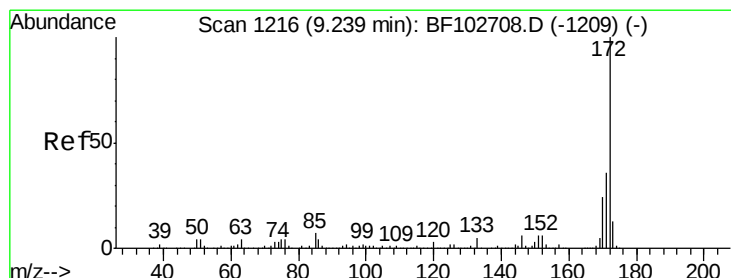
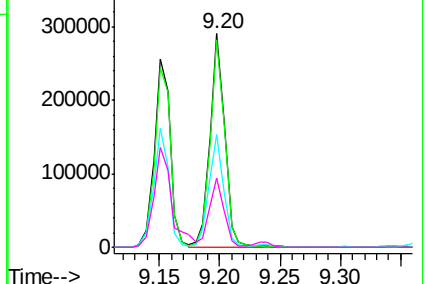
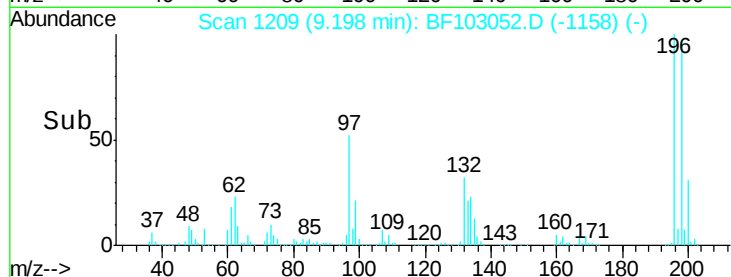
#43
 2,4,5-Trichlorophenol
 Concen: 38.228 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MS

Tgt Ion:	196	Resp:	244573
Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.6	112.0
97	52.6	42.9	64.3
132	32.1	26.3	39.5

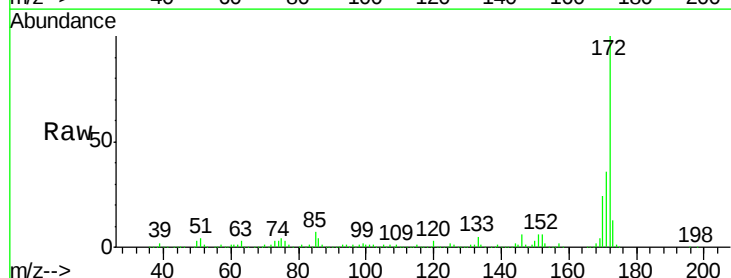


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

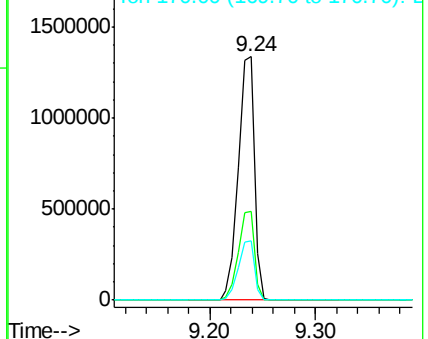
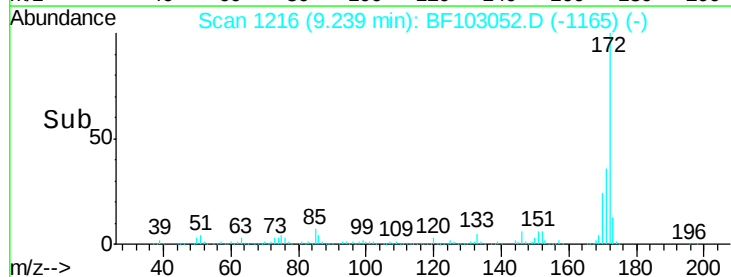


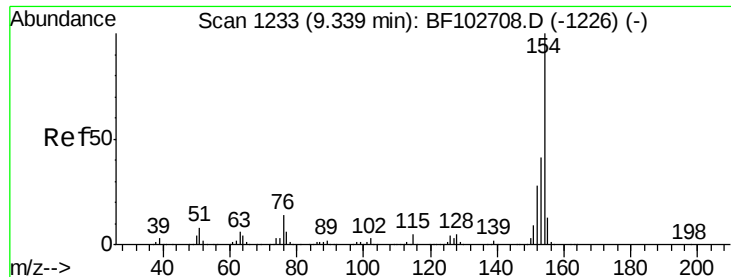
#44
 2-Fluorobiphenyl
 Concen: 72.819 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Tgt Ion:	172	Resp:	1392832
Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

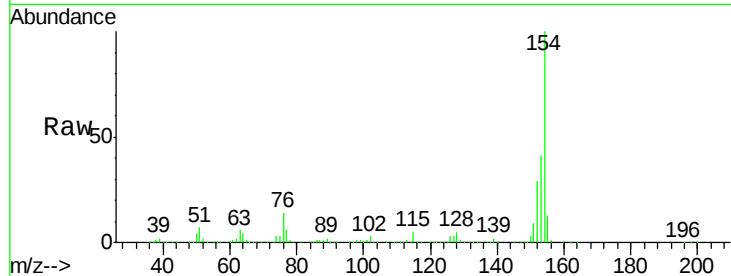




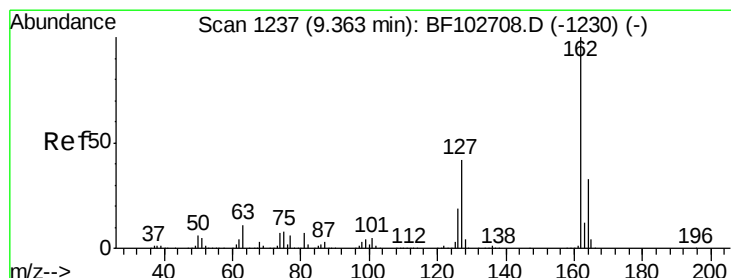
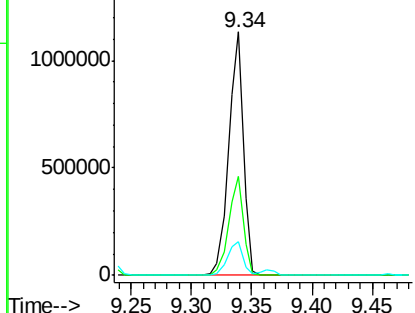
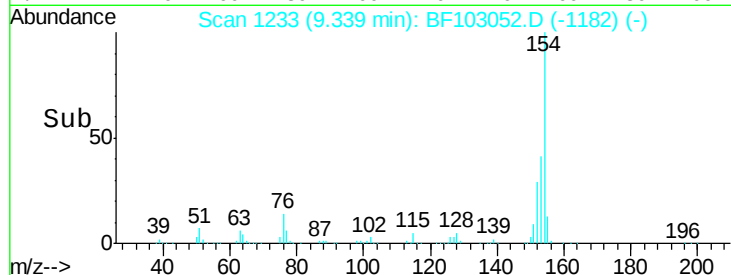
#45
 1,1'-Biphenyl
 Concen: 35.619 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Instrument :
 BNA_F
 ClientSampleId :
 RO-155MS

Tgt Ion:	154	Resp:	952207
Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	14.1	0.0	34.0

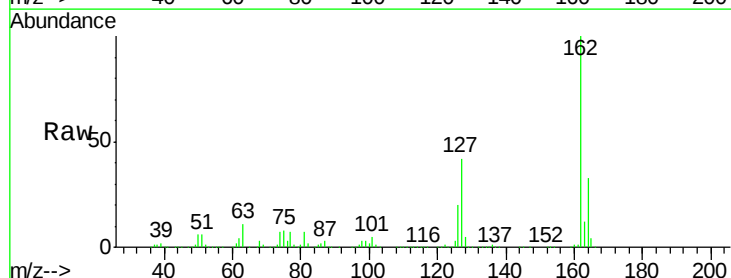


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

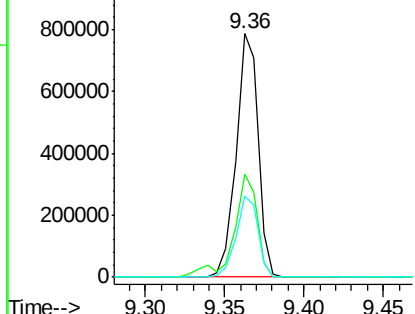
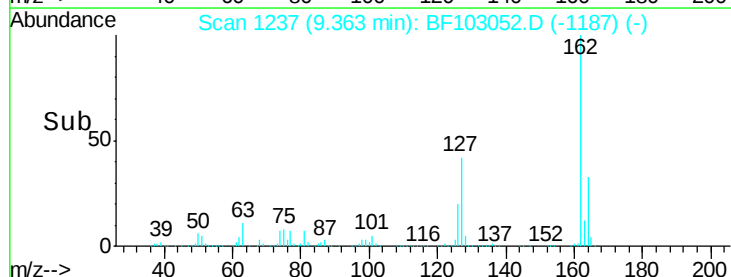


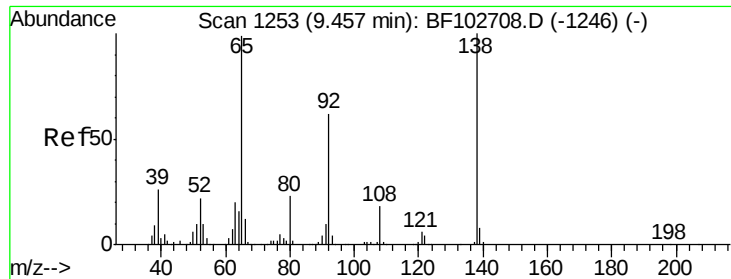
#46
 2-Chloronaphthalene
 Concen: 35.829 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Tgt Ion:	162	Resp:	754070
Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.9	50.9
164	33.4	26.5	39.7



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

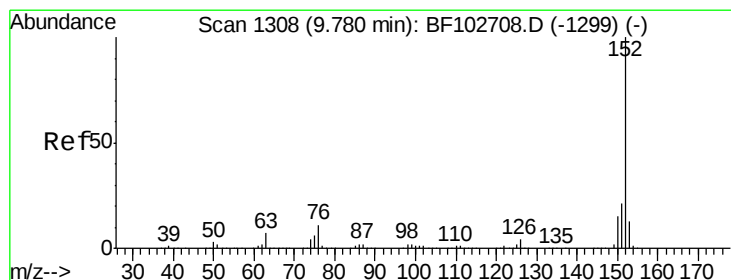
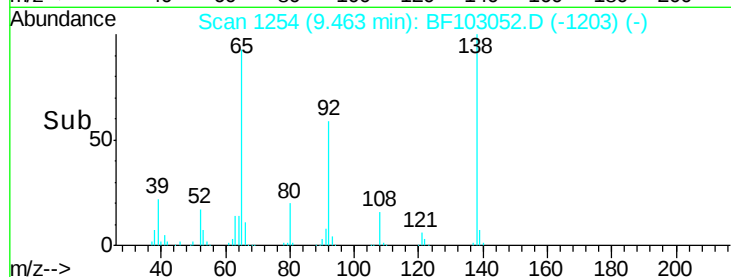
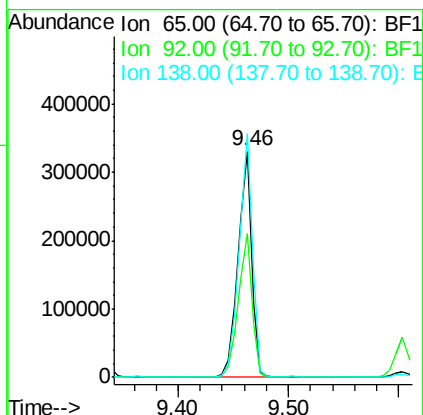
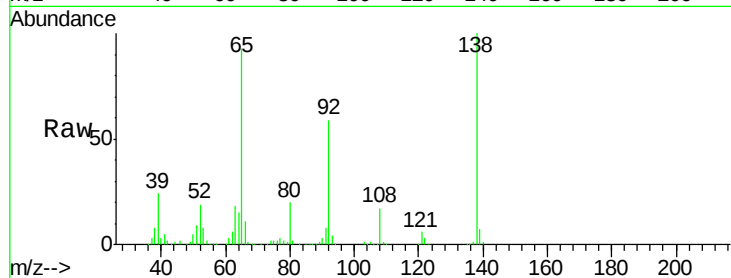




#47
2-Nitroaniline
Concen: 45.218 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

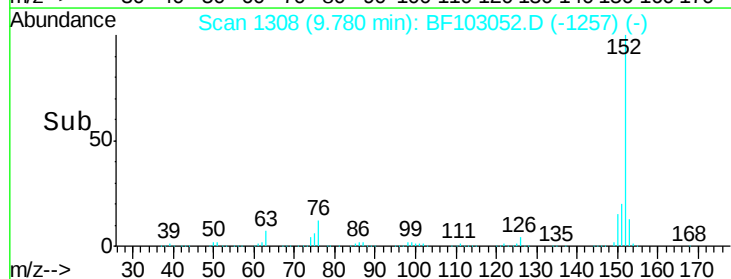
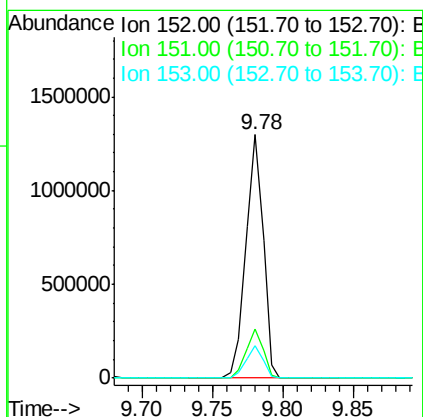
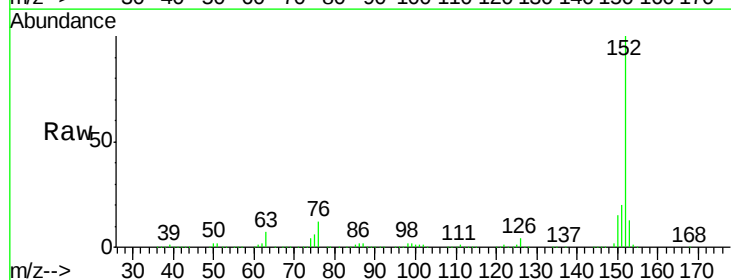
Instrument :
BNA_F
ClientSampleId :
RO-155MS

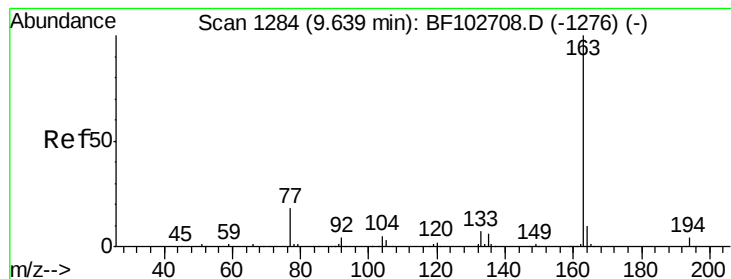
Tgt Ion: 65 Resp: 292254
Ion Ratio Lower Upper
65 100
92 63.9 55.8 83.6
138 107.8 91.2 136.8



#48
Acenaphthylene
Concen: 34.143 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion: 152 Resp: 1116055
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 40.701 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

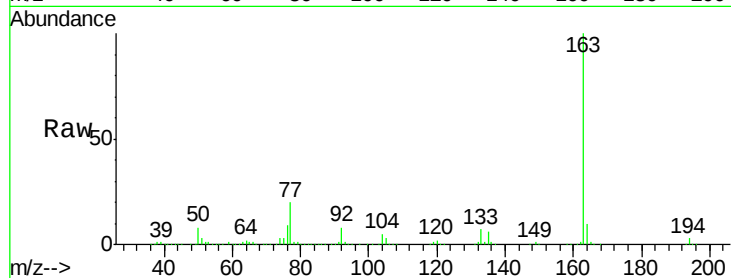
Tgt Ion:163 Resp: 1007248

Ion Ratio Lower Upper

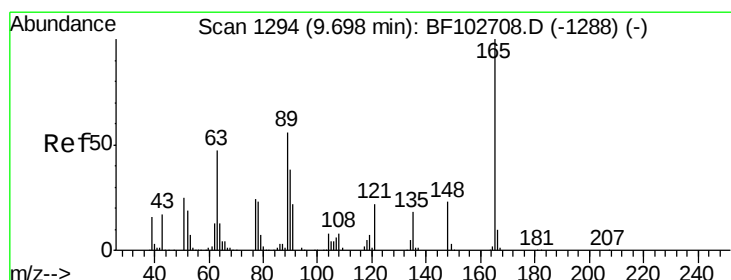
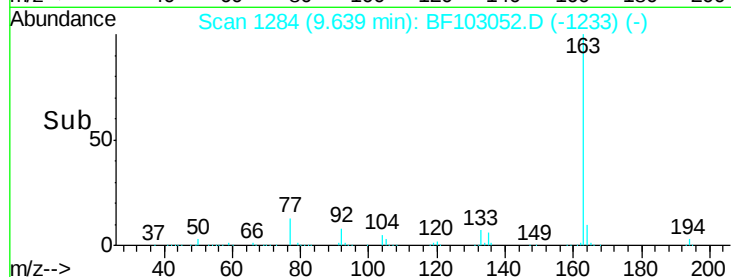
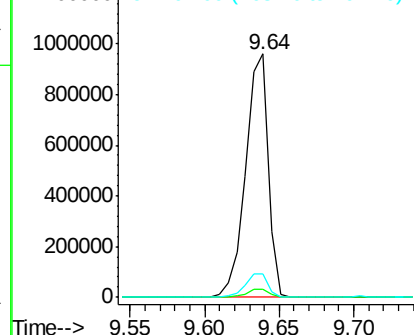
163 100

194 3.4 2.7 4.1

164 9.8 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 41.601 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

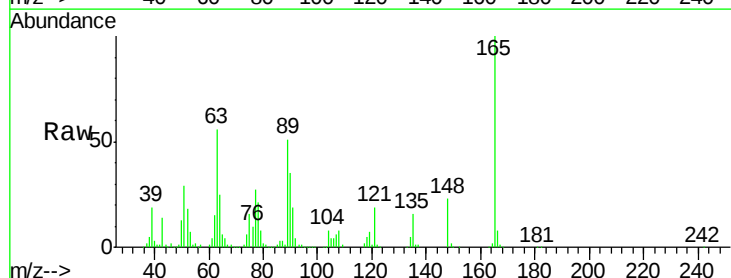
Tgt Ion:165 Resp: 195869

Ion Ratio Lower Upper

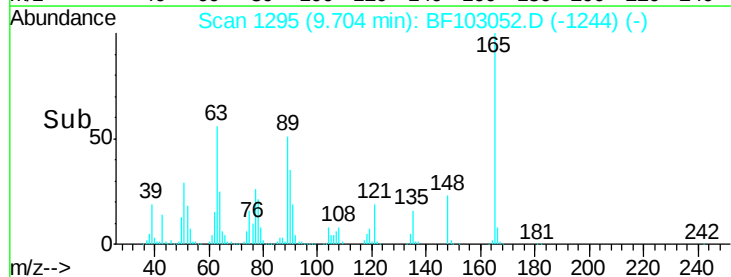
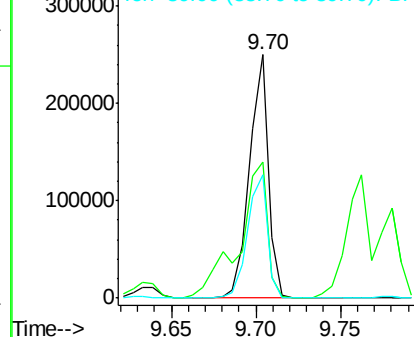
165 100

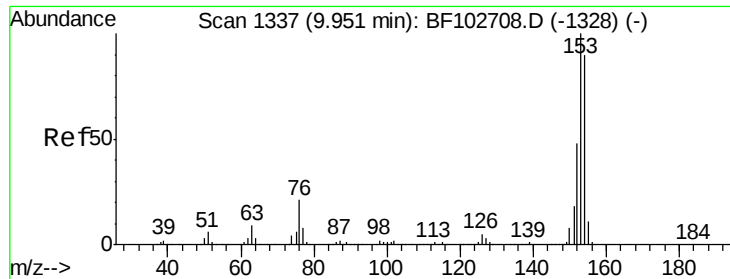
63 55.7 44.7 67.1

89 50.7 44.0 66.0



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





#51

Acenaphthene

Concen: 32.945 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

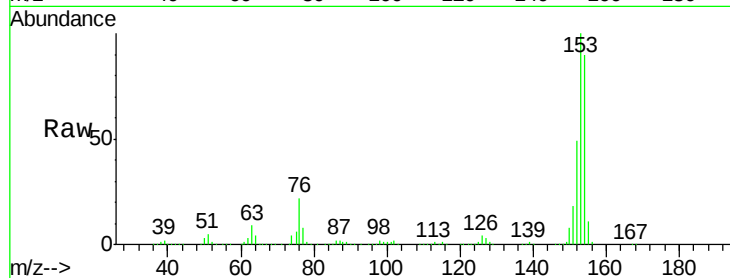
Tgt Ion:154 Resp: 644020

Ion Ratio Lower Upper

154 100

153 111.4 91.2 136.8

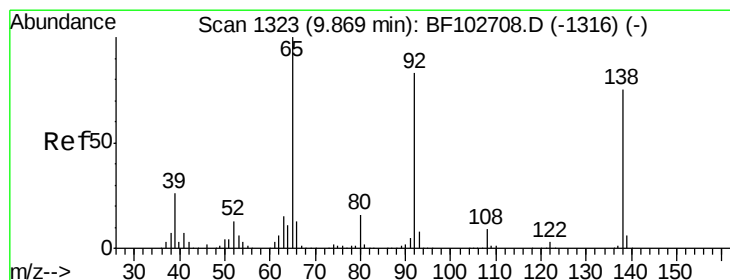
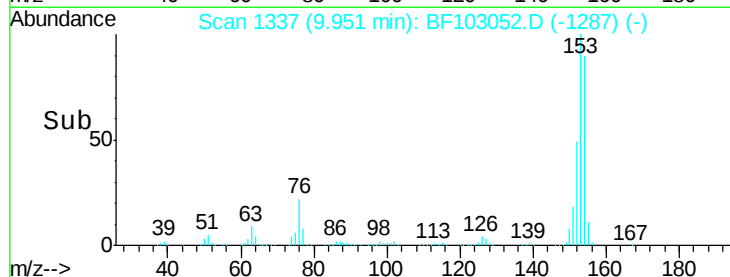
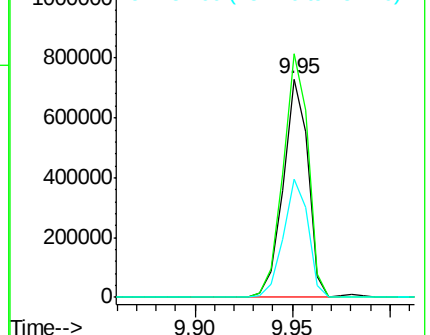
152 54.1 43.8 65.8



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: 35.666 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

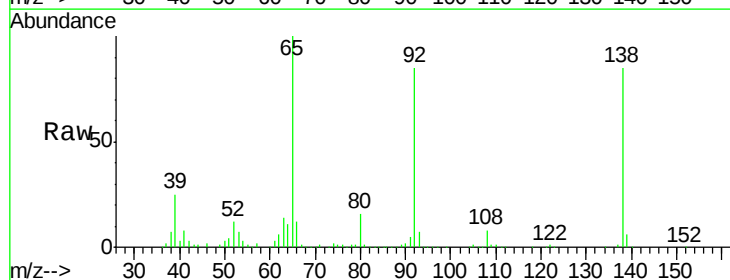
Tgt Ion:138 Resp: 206622

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

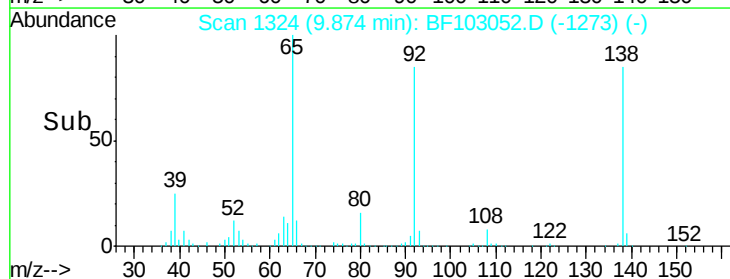
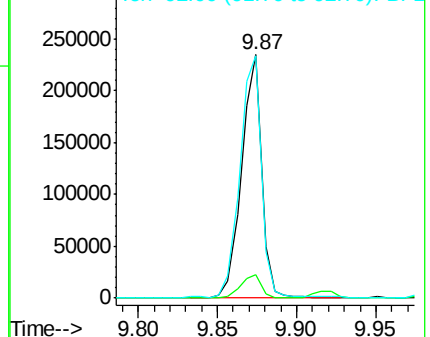
92 99.3 89.4 134.2

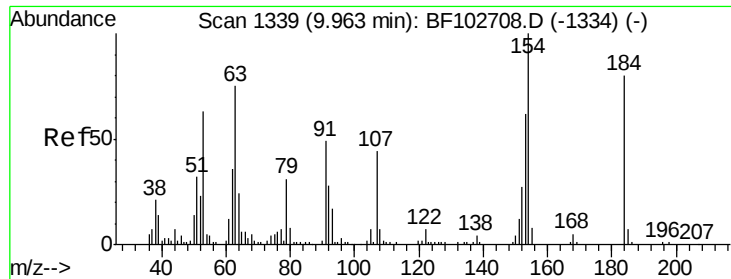


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

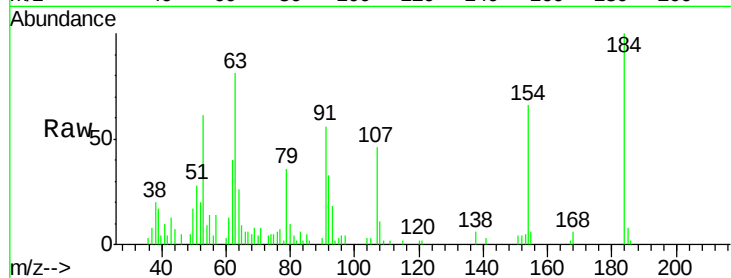




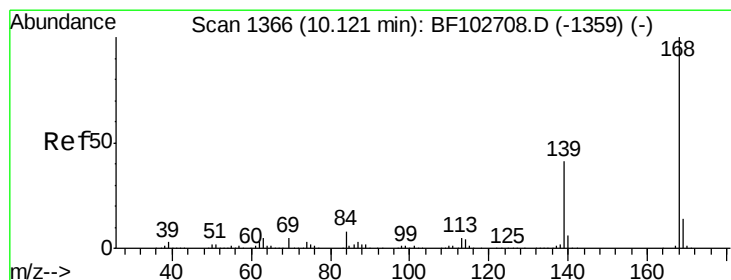
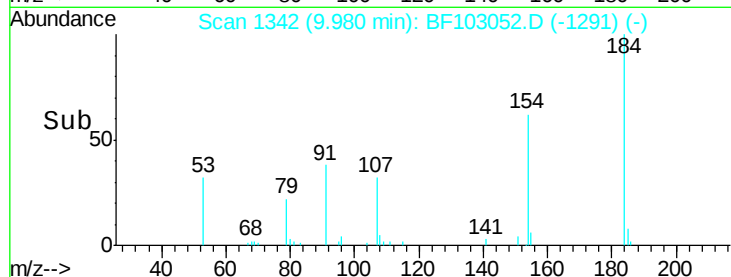
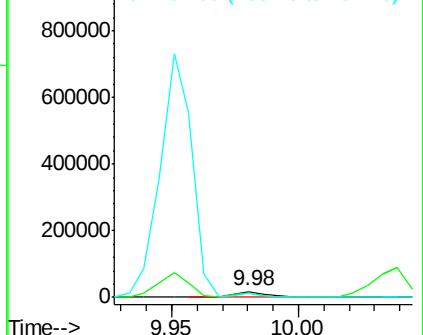
#53
2,4-Dinitrophenol
Concen: 23.504 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Instrument :
BNA_F
ClientSampled :
RO-155MS

Tgt Ion:184 Resp: 15733
Ion Ratio Lower Upper
184 100
63 81.4 54.2 81.2#
154 66.3 184.0 276.0#

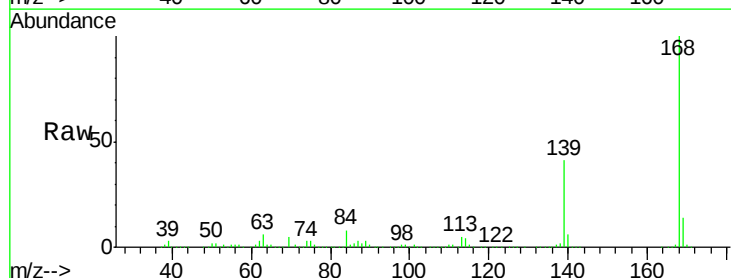


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

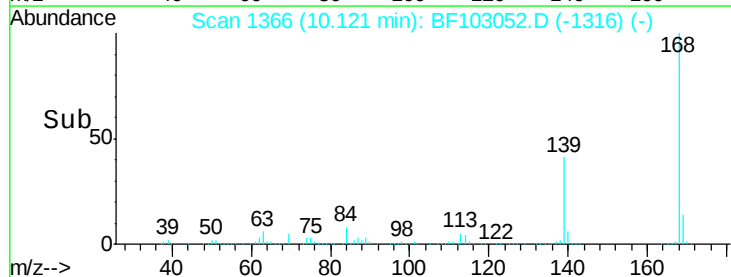
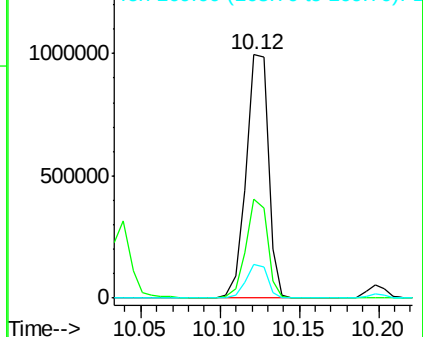


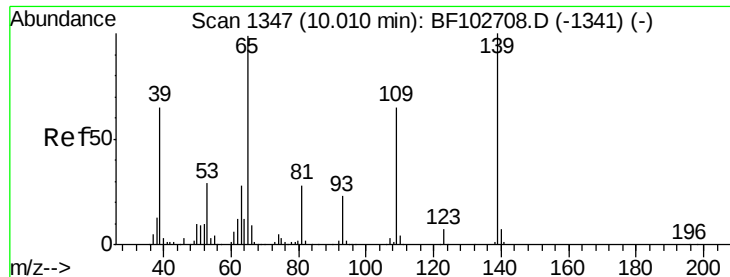
#54
Dibenzofuran
Concen: 35.238 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion:168 Resp: 970778
Ion Ratio Lower Upper
168 100
139 40.7 30.1 45.1
169 13.7 10.9 16.3



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

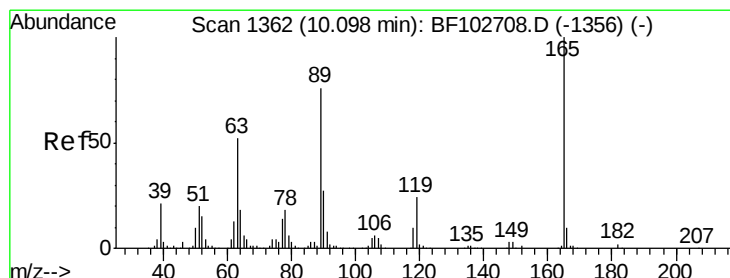
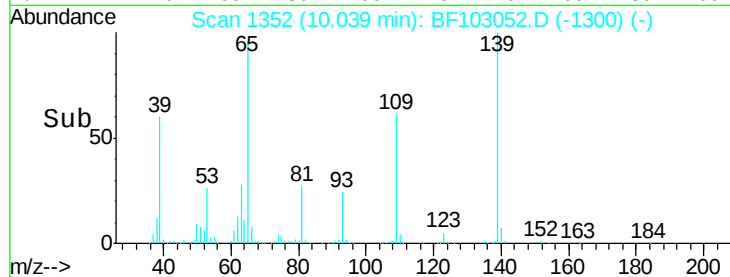
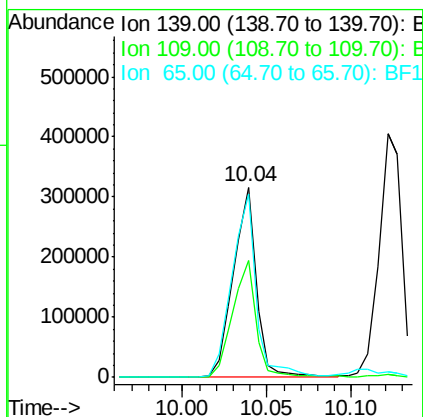
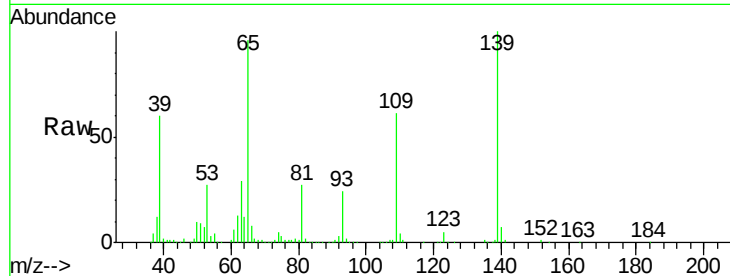




#55
4-Nitrophenol
Concen: 64.701 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

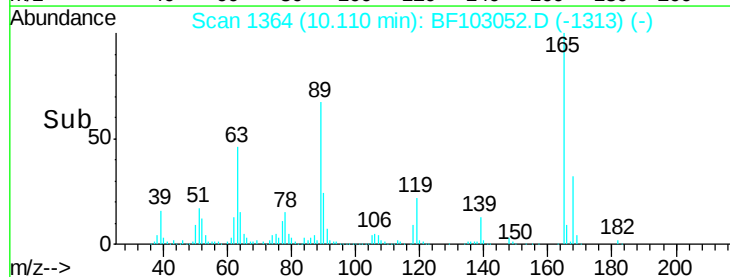
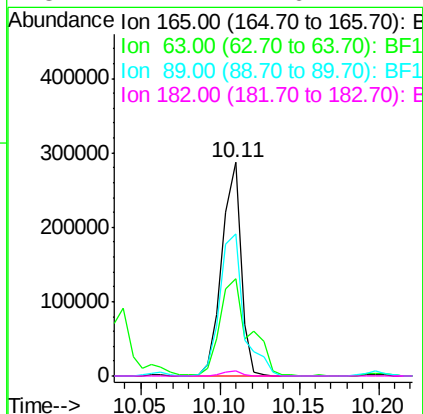
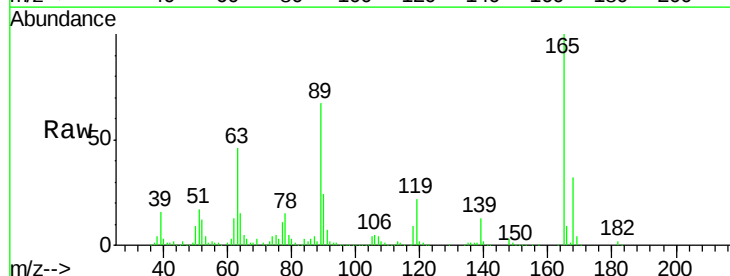
Instrument :
BNA_F
ClientSampleId :
RO-155MS

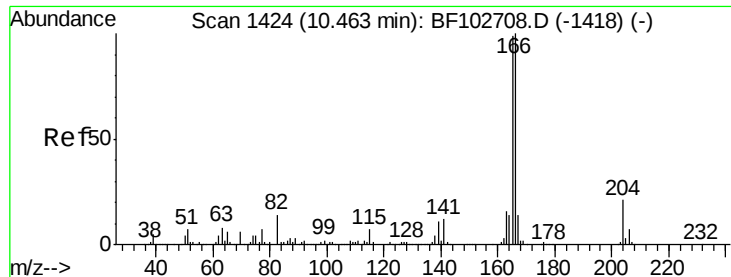
Tgt Ion:139 Resp: 304175
Ion Ratio Lower Upper
139 100
109 61.2 48.4 88.4
65 96.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.934 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion:165 Resp: 241932
Ion Ratio Lower Upper
165 100
63 45.6 36.4 54.6
89 66.7 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 35.237 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

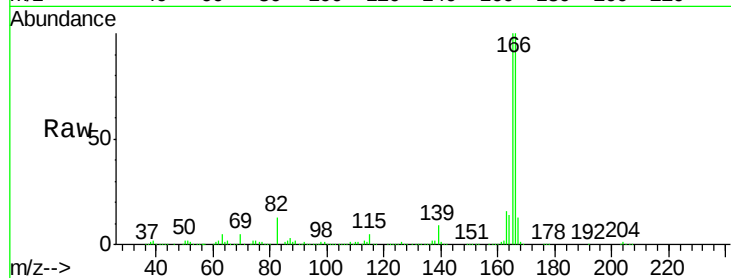
Tgt Ion:166 Resp: 706300

Ion Ratio Lower Upper

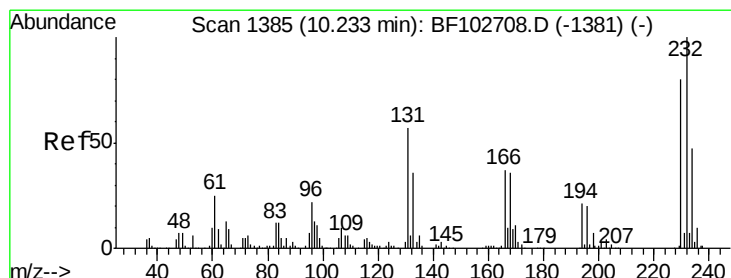
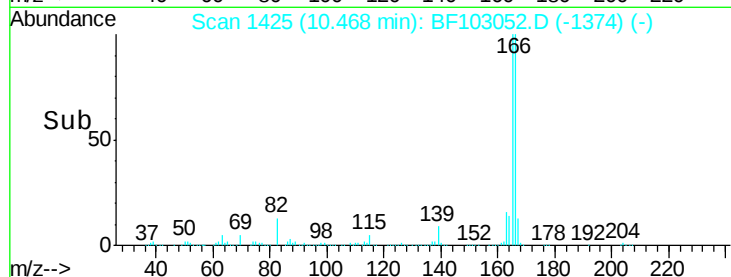
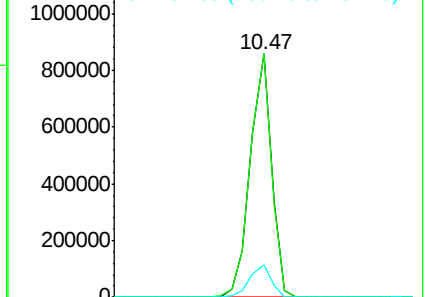
166 100

165 100.0 79.8 119.8

167 13.3 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.054 ng

RT: 10.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Tgt Ion:232 Resp: 168738

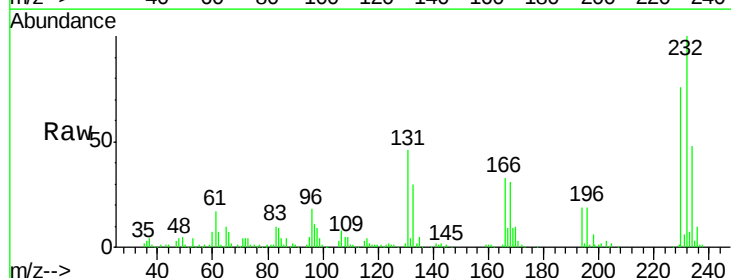
Ion Ratio Lower Upper

232 100

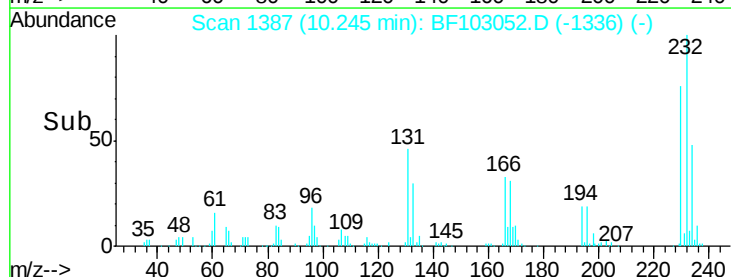
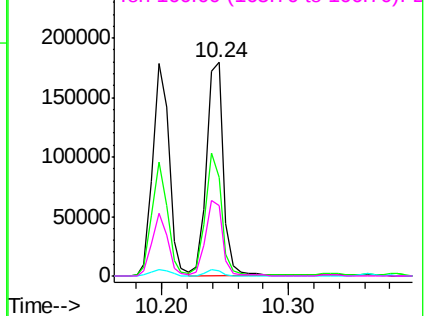
131 54.1 43.8 65.8

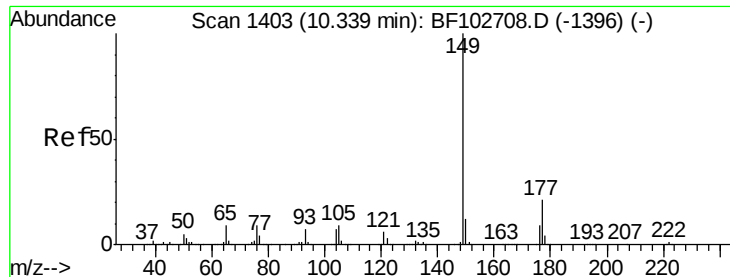
130 2.6 2.1 3.1

166 34.9 27.8 41.6



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

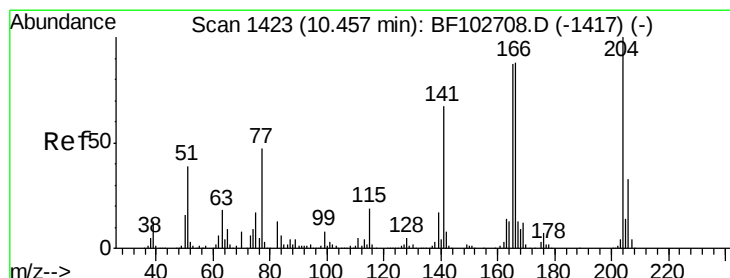
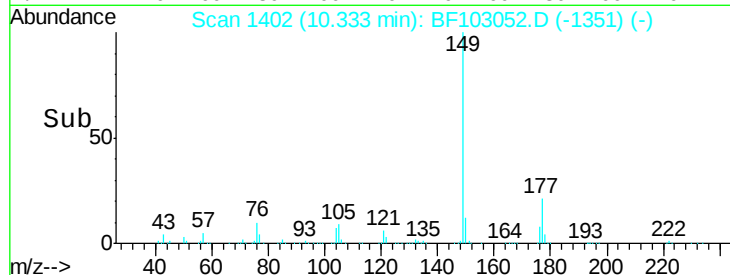
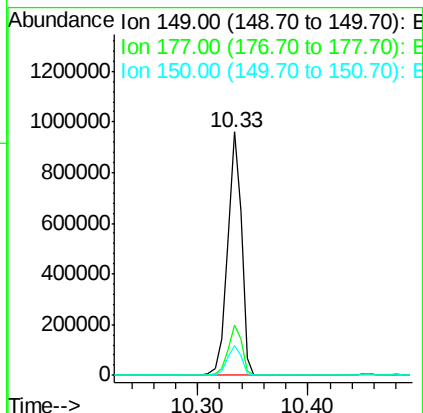
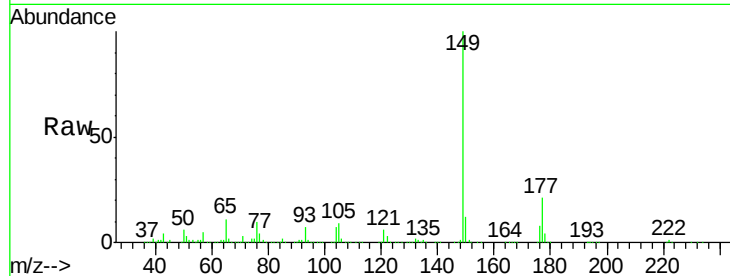




#59
Diethylphthalate
Concen: 34.805 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

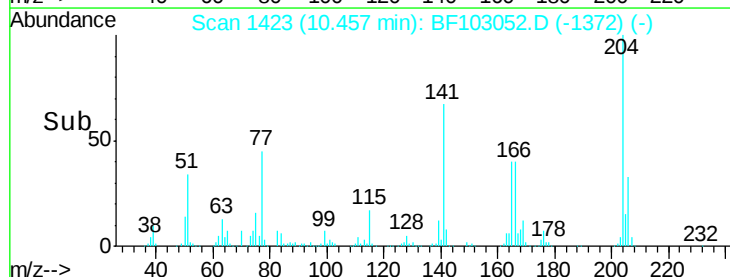
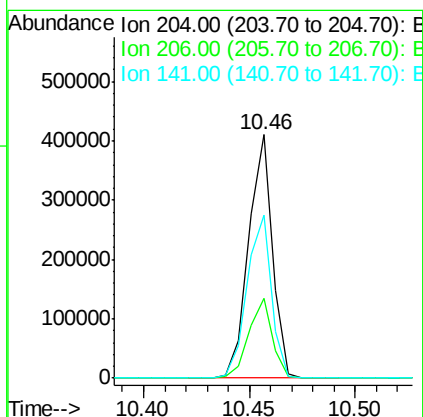
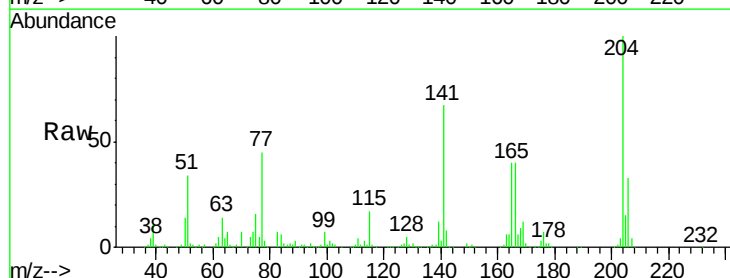
Instrument :
BNA_F
ClientSampleId :
RO-155MS

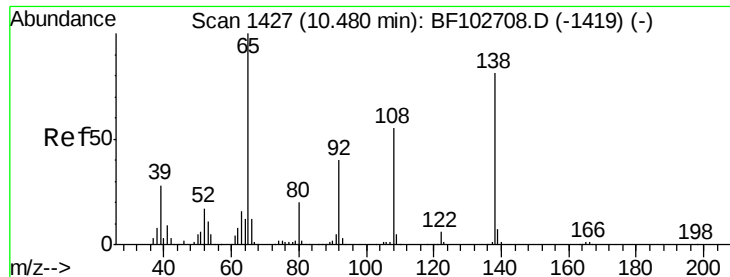
Tgt Ion:149 Resp: 850506
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.346 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion:204 Resp: 322280
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 66.8 54.6 81.8

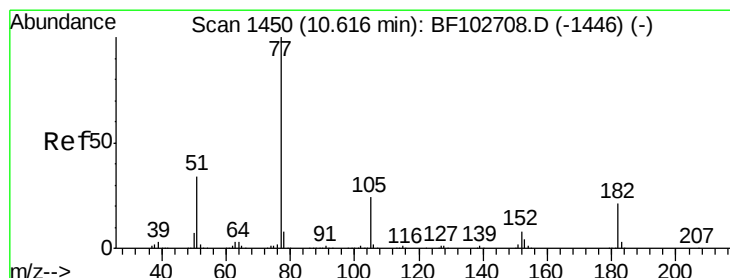
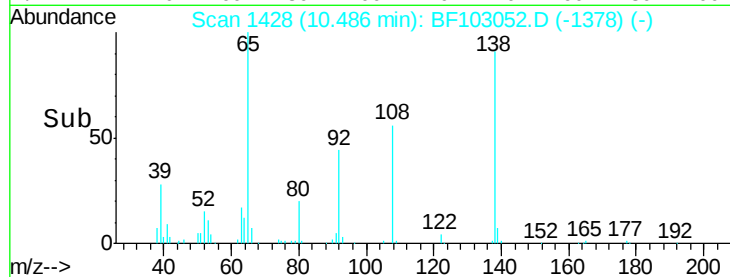
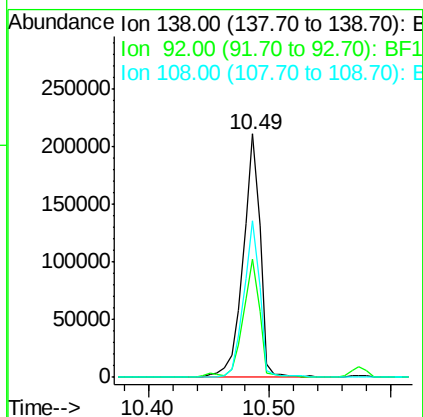
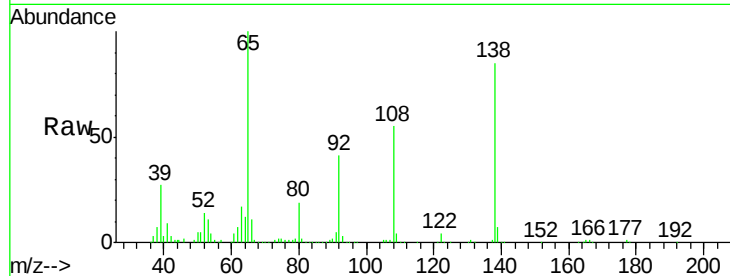




#61
4-Nitroaniline
Concen: 38.070 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

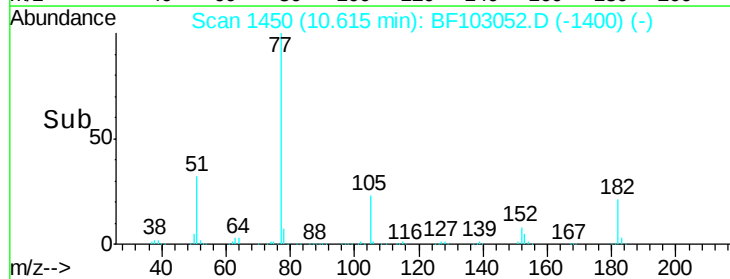
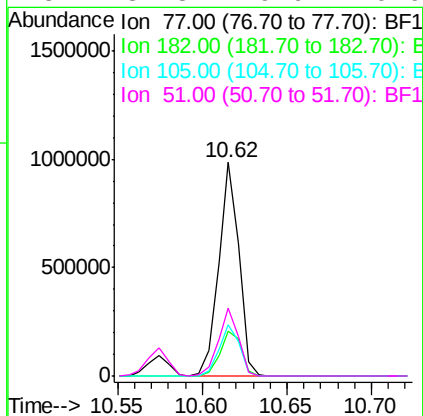
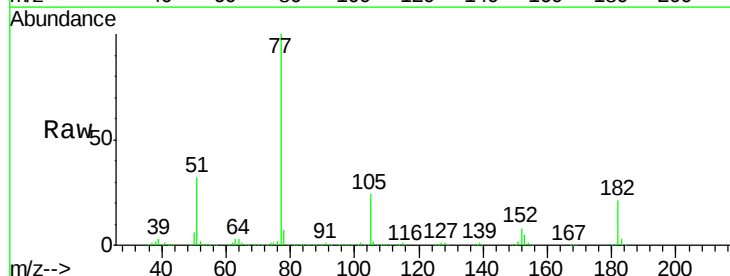
Instrument :
BNA_F
ClientSampleId :
RO-155MS

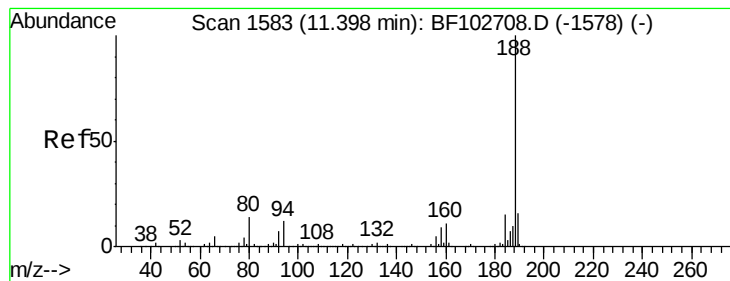
Tgt Ion: 138 Resp: 209932
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 64.3 52.5 92.5



#62
Azobenzene
Concen: 33.677 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion: 77 Resp: 822120
Ion Ratio Lower Upper
77 100
182 21.1 1.7 41.7
105 24.3 3.0 43.0
51 31.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

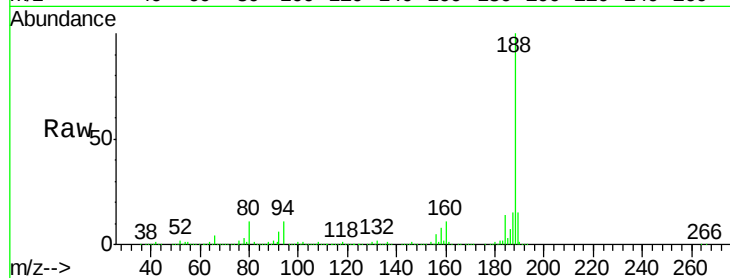
Tgt Ion:188 Resp: 467798

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

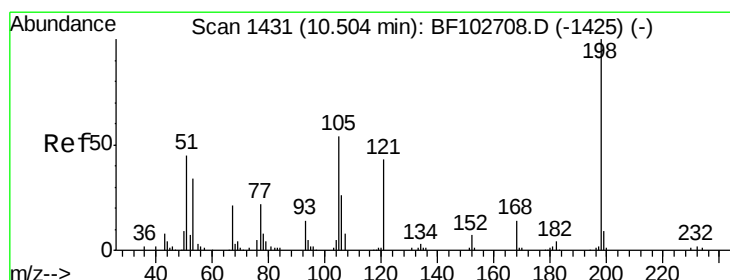
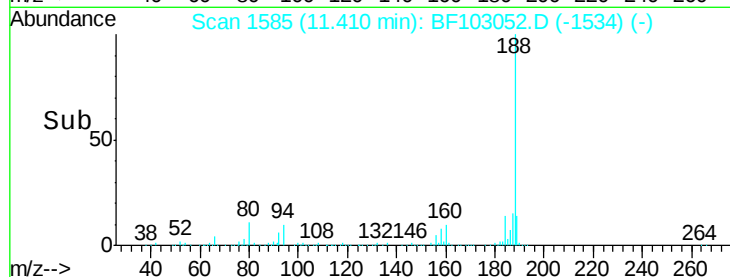
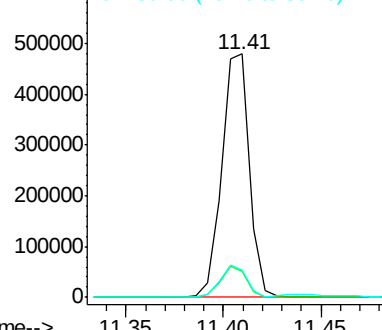
80 11.0 9.2 13.8



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: 19.101 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

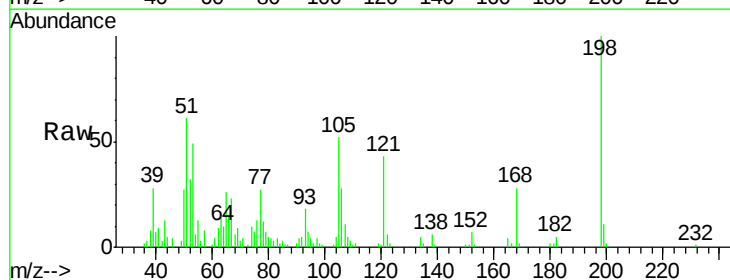
Tgt Ion:198 Resp: 22415

Ion Ratio Lower Upper

198 100

51 61.5 37.7 77.7

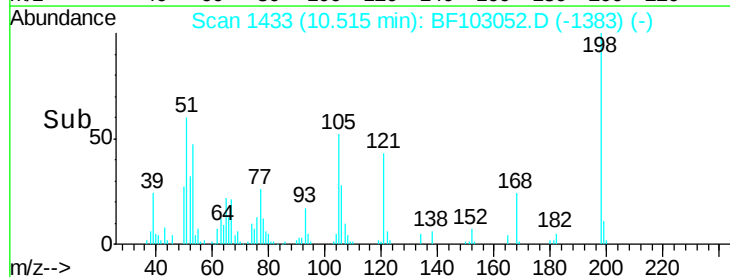
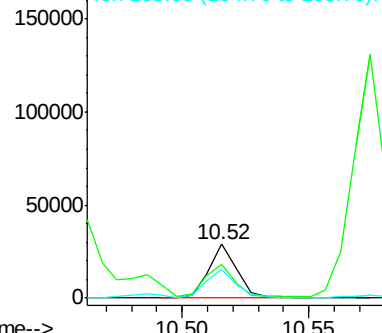
105 52.4 36.3 76.3

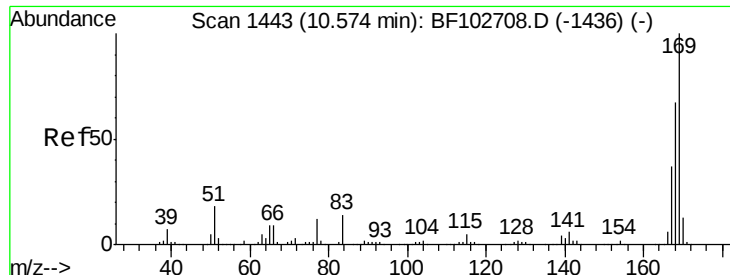


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

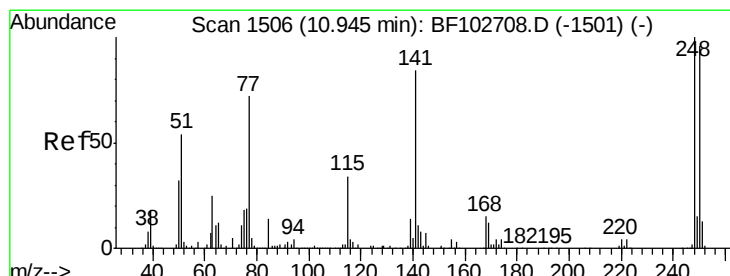
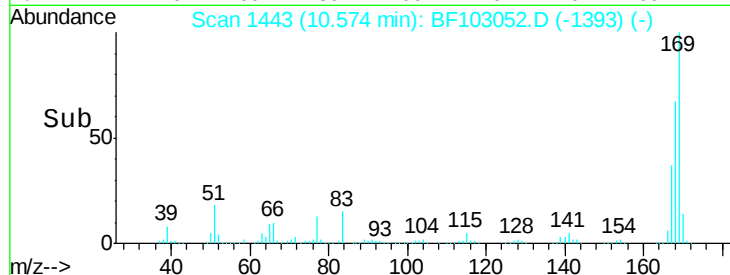
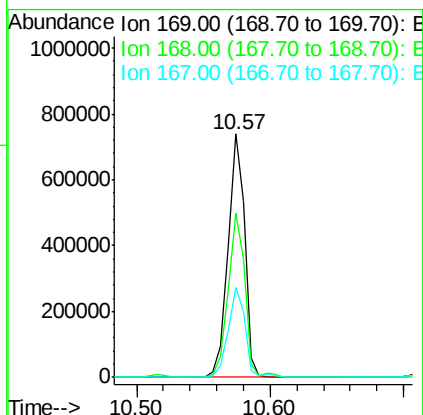
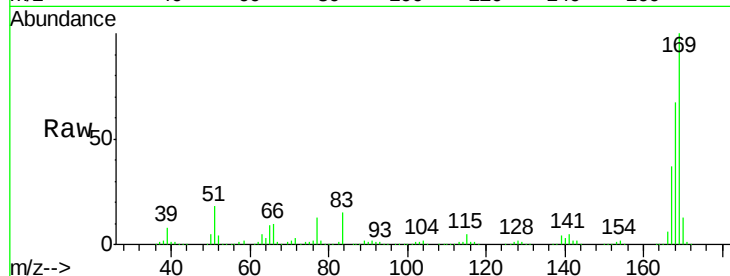




#65
 n-Nitrosodiphenylamine
 Concen: 39.593 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

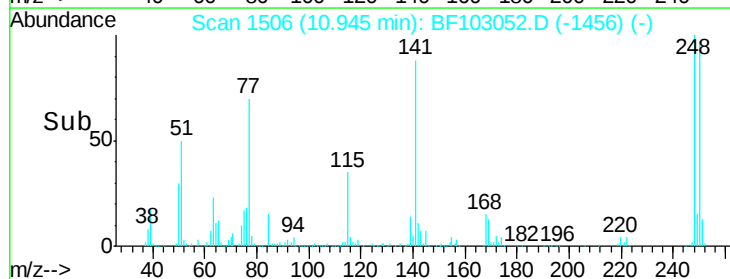
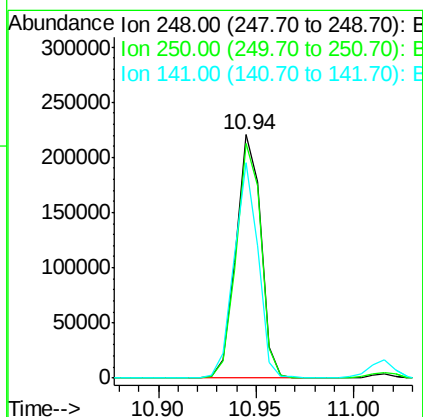
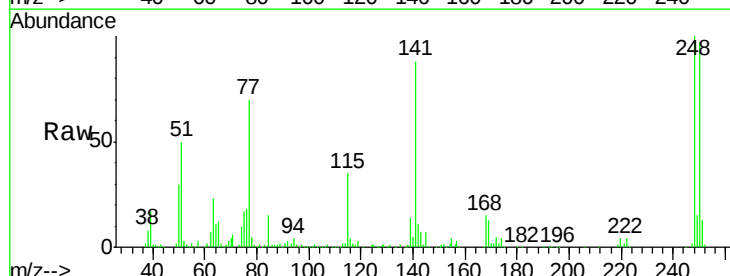
Instrument :
 BNA_F
 ClientSampleId :
 RO-155MS

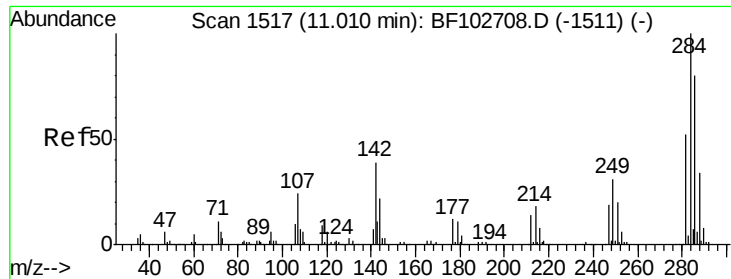
Tgt Ion:169 Resp: 653313
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.437 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Tgt Ion:248 Resp: 195153
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.9 115.3
 141 88.2 74.4 111.6

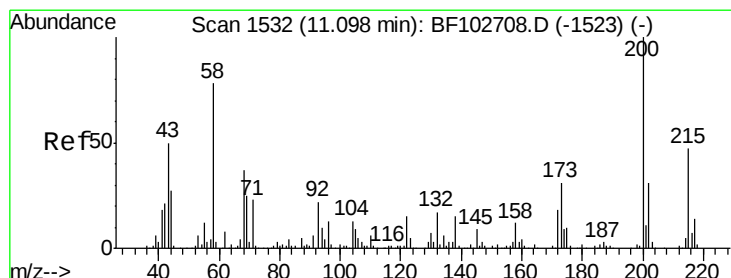
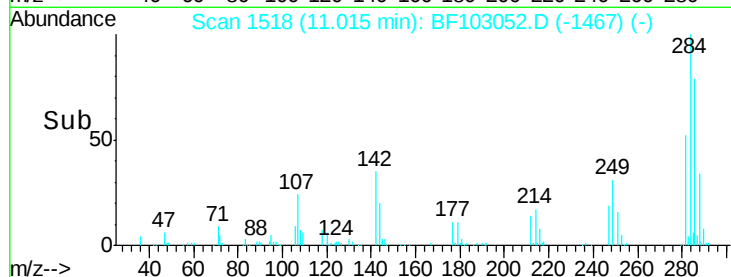
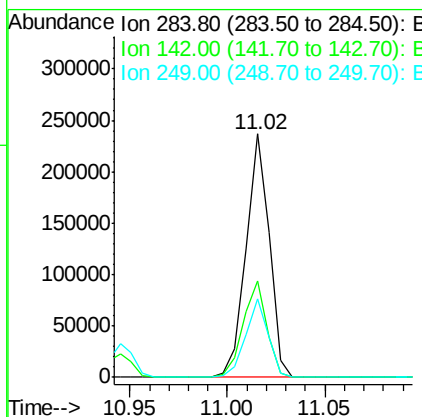
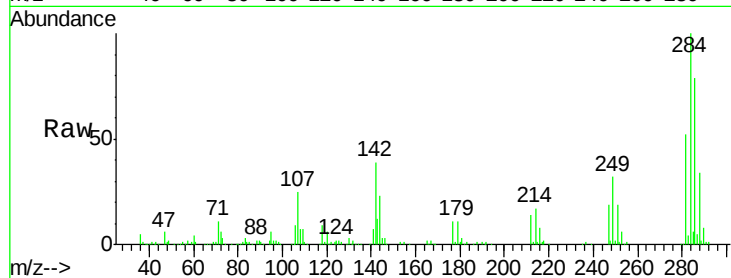




#67
Hexachlorobenzene
Concen: 35.815 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

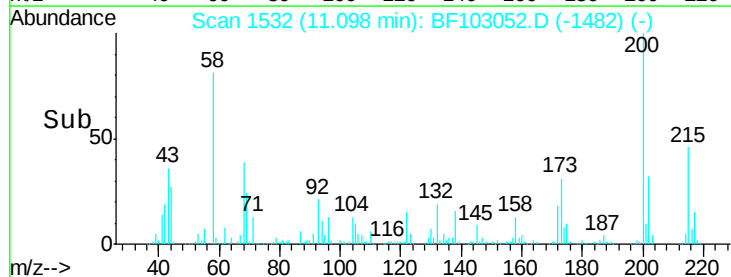
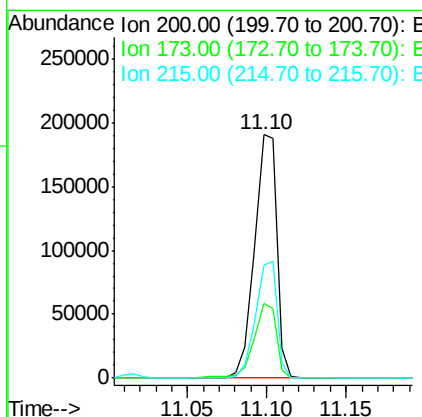
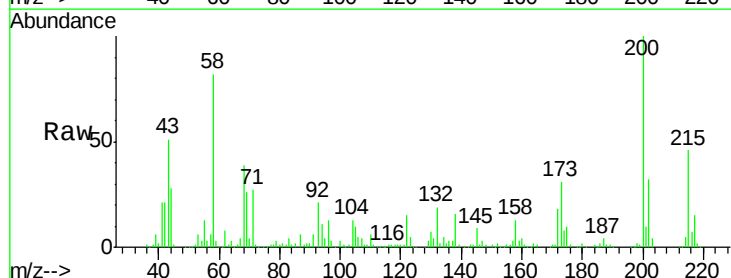
Instrument :
BNA_F
ClientSampleId :
RO-155MS

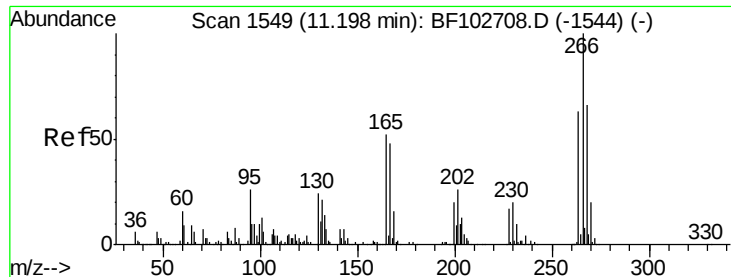
Tgt Ion:284 Resp: 195513
Ion Ratio Lower Upper
284 100
142 39.4 34.6 52.0
249 32.3 24.8 37.2



#68
Atrazine
Concen: 38.461 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion:200 Resp: 187221
Ion Ratio Lower Upper
200 100
173 30.5 8.6 48.6
215 46.5 25.1 65.1

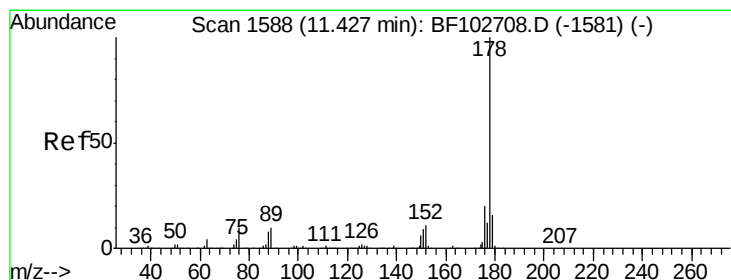
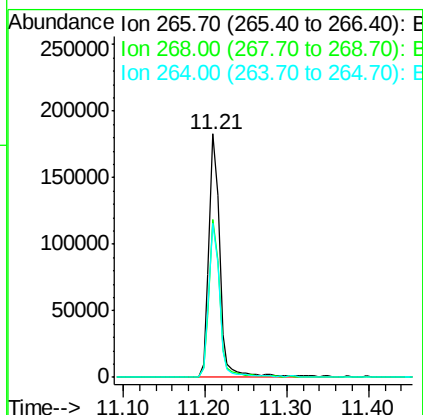
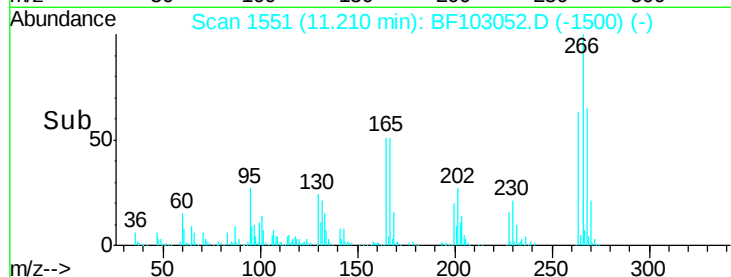
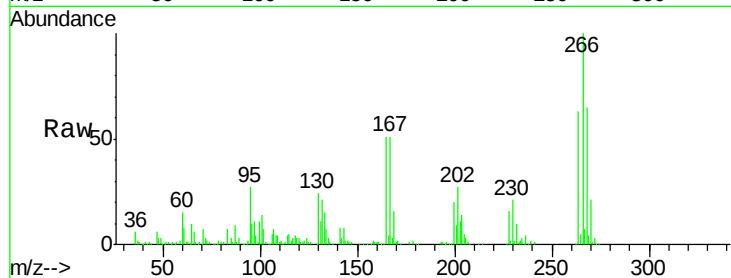




#69
 Pentachlorophenol
 Concen: 53.859 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

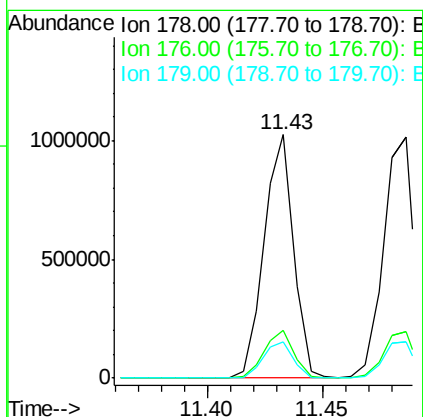
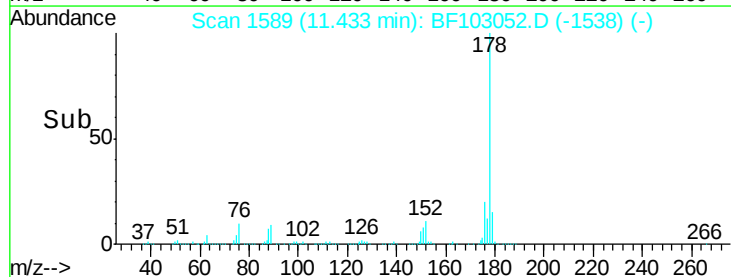
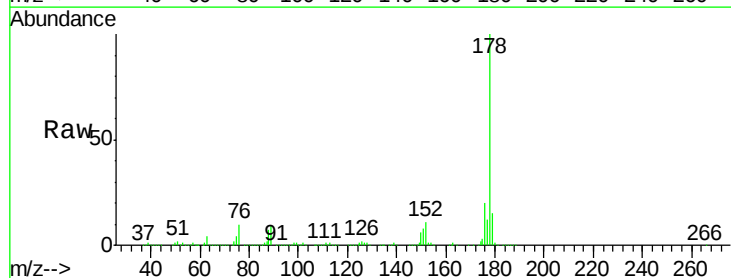
Instrument :
 BNA_F
 ClientSampleId :
 RO-155MS

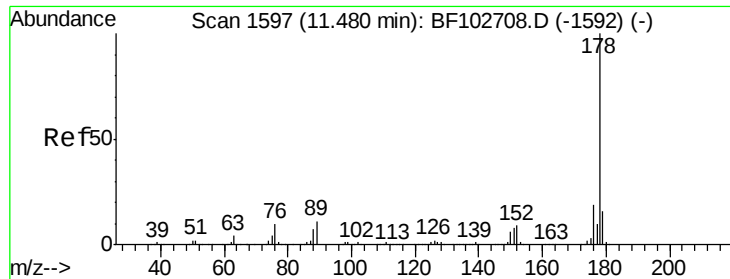
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	63.1	49.5	74.3



#70
 Phenanthrene
 Concen: 34.946 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.1	13.0	19.6

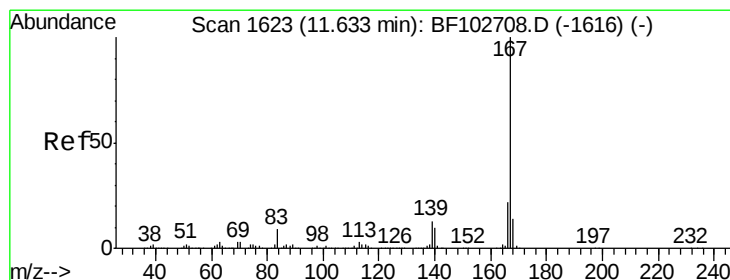
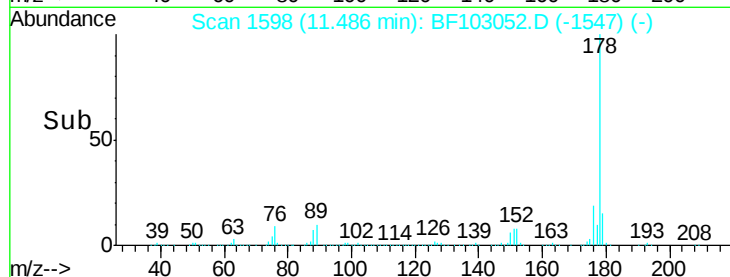
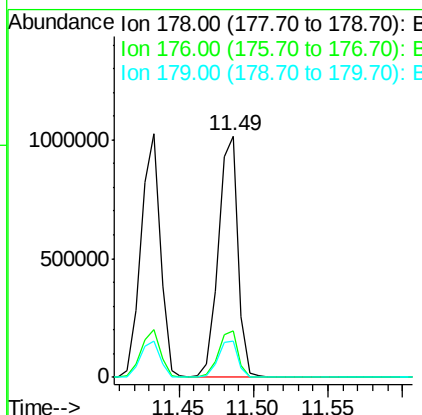
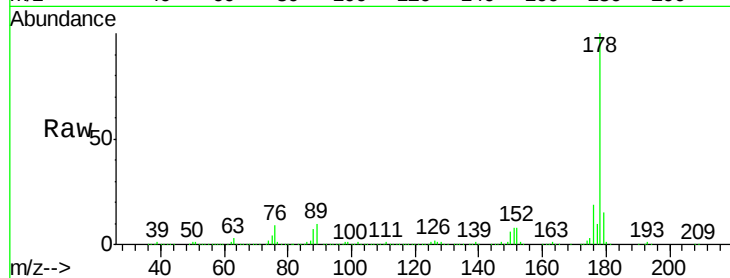




#71
 Anthracene
 Concen: 35.428 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

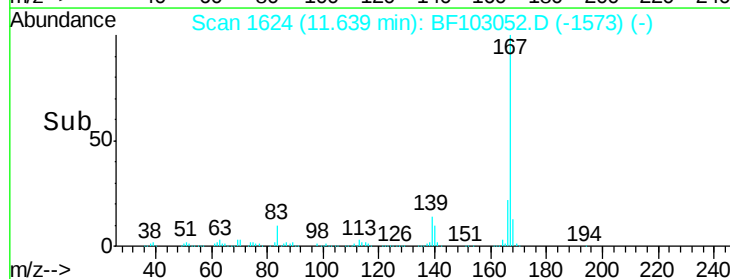
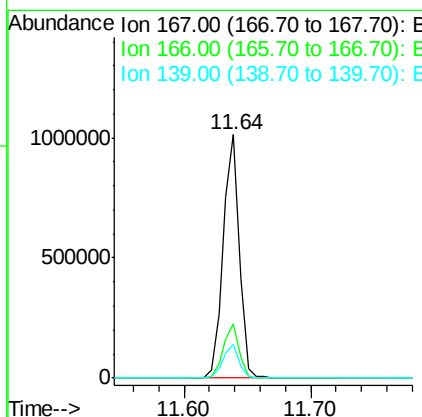
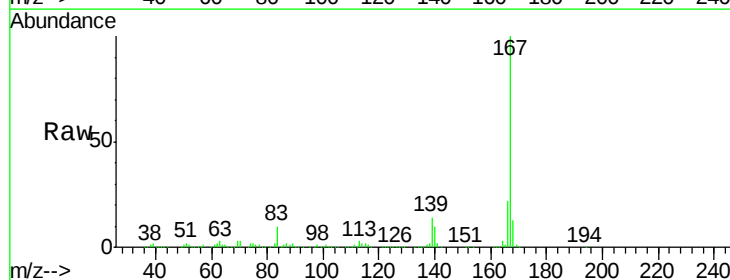
Instrument :
 BNA_F
 ClientSampleId :
 RO-155MS

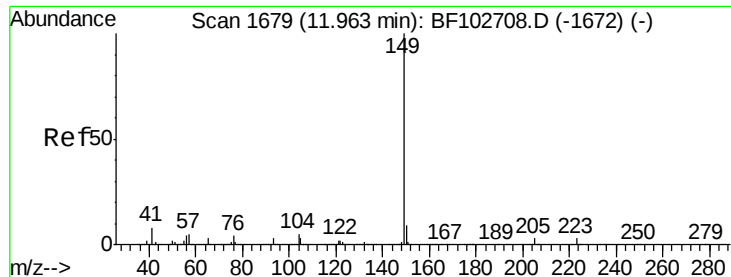
Tgt Ion:178 Resp: 938803
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 34.778 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Tgt Ion:167 Resp: 902855
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.8 10.9 16.3

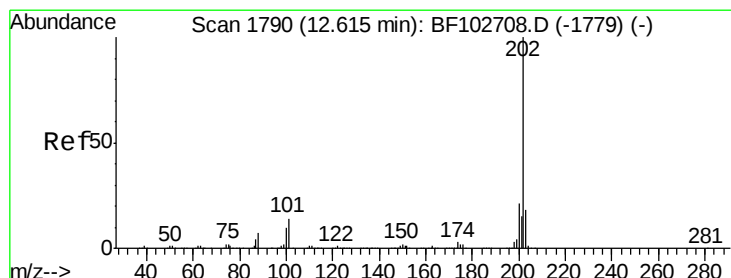
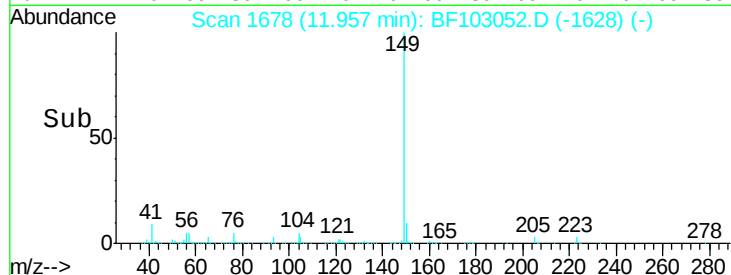
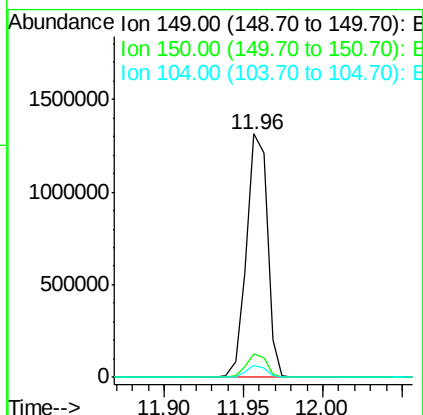
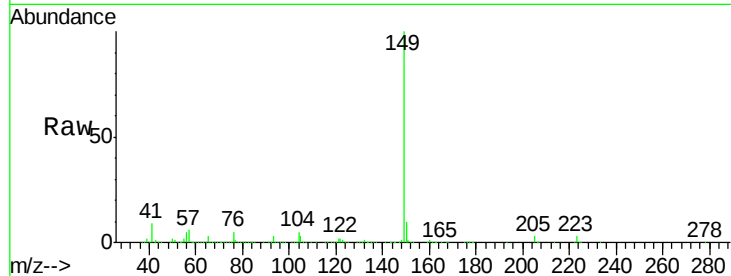




#73
Di-n-butylphthalate
Concen: 38.016 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

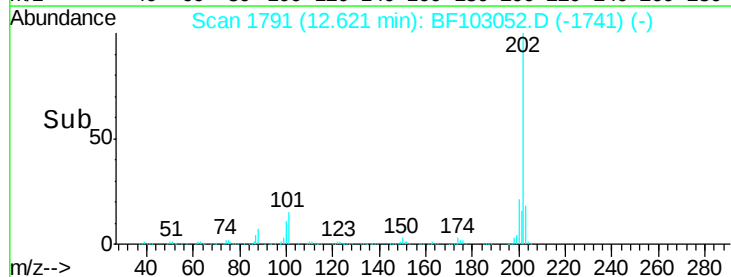
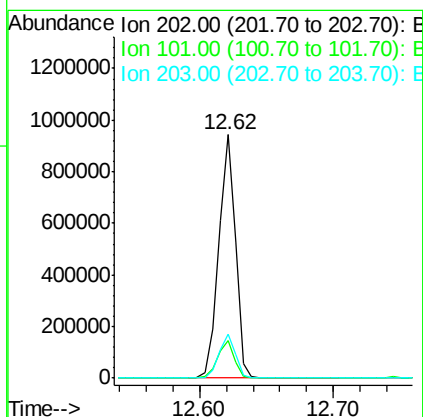
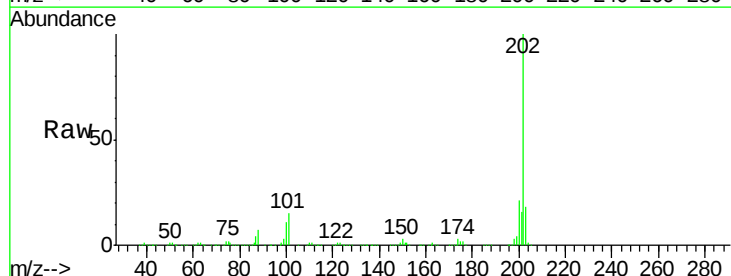
Instrument :
BNA_F
ClientSampleId :
RO-155MS

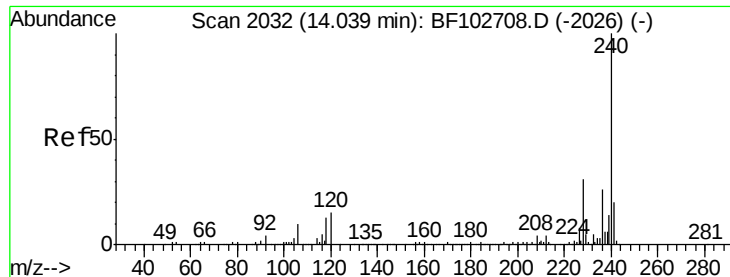
Tgt Ion:149 Resp: 1198827
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 31.946 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion:202 Resp: 837389
Ion Ratio Lower Upper
202 100
101 15.3 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

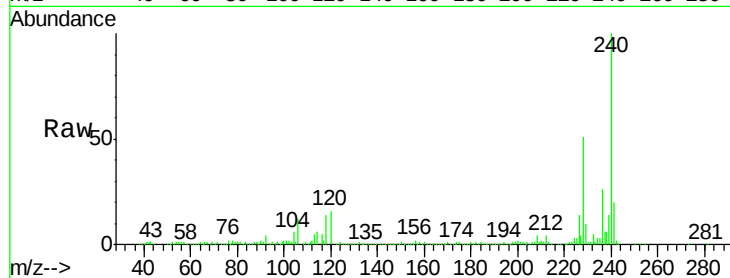
Tgt Ion:240 Resp: 308489

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

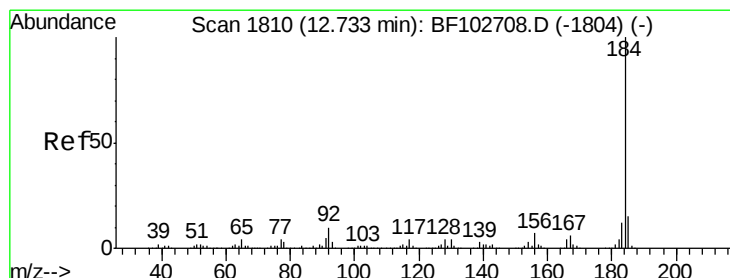
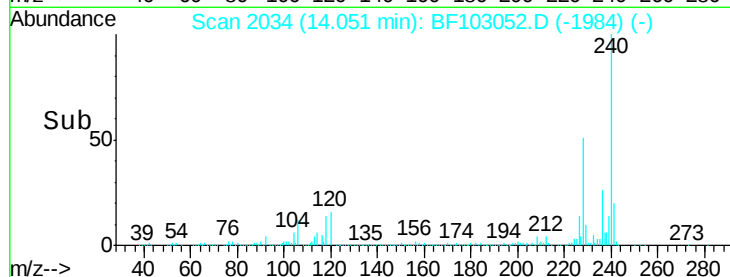
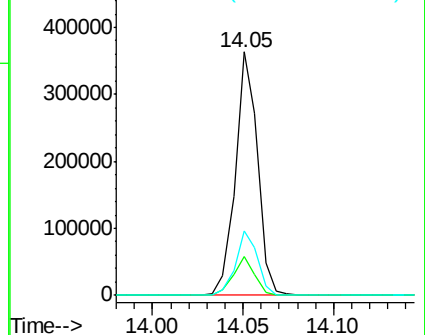
236 26.2 20.7 31.1



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: 40.012 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

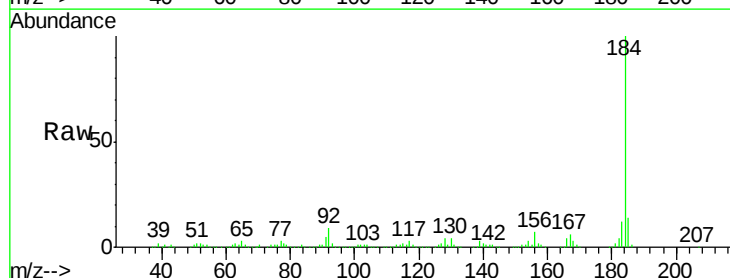
Tgt Ion:184 Resp: 567304

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

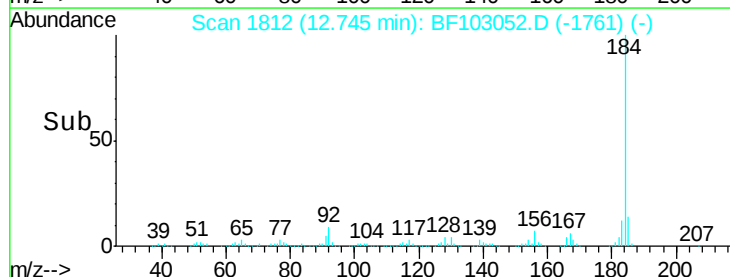
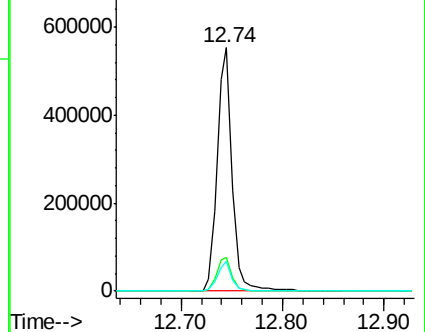
183 12.0 9.3 13.9

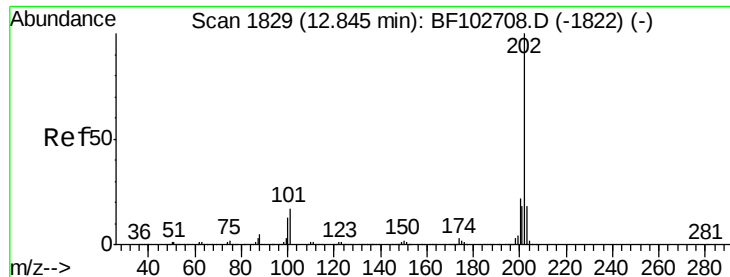


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.867 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

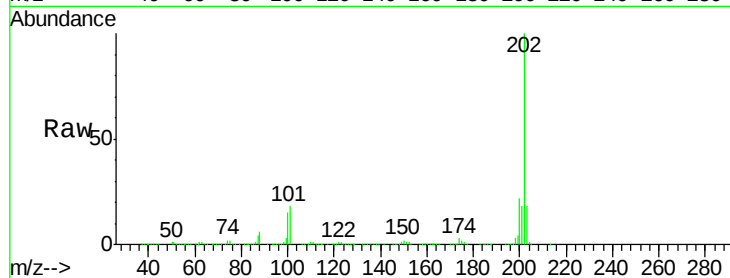
Tgt Ion:202 Resp: 843440

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

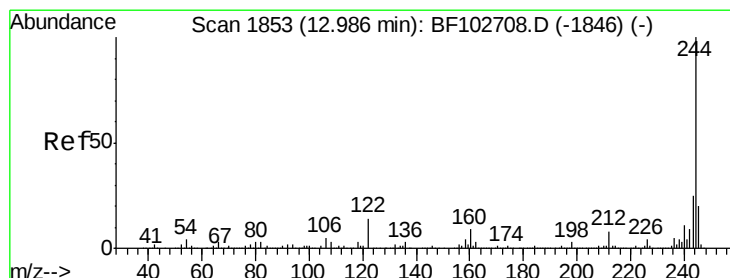
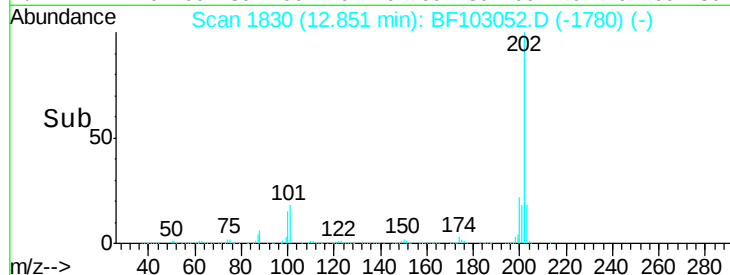
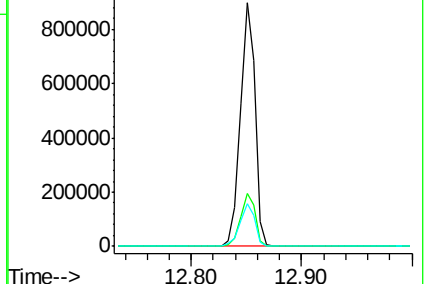
203 17.6 14.3 21.5



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: 76.038 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

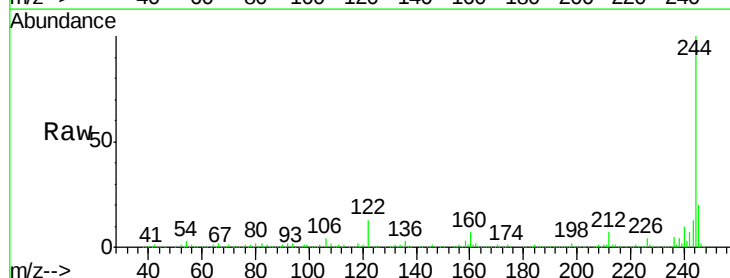
Tgt Ion:244 Resp: 990672

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

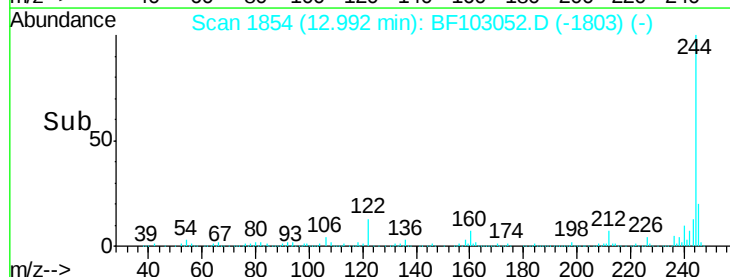
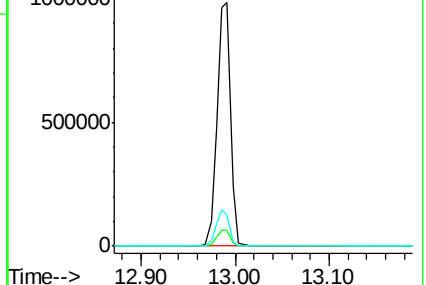
122 12.6 11.0 16.4

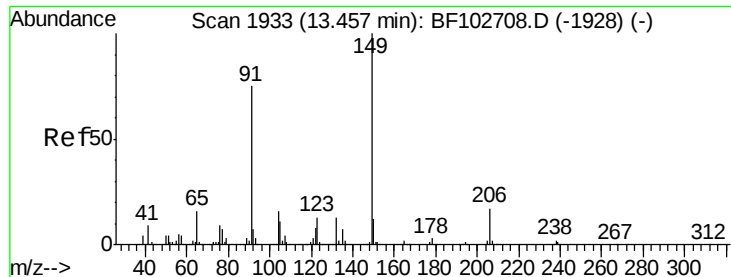


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

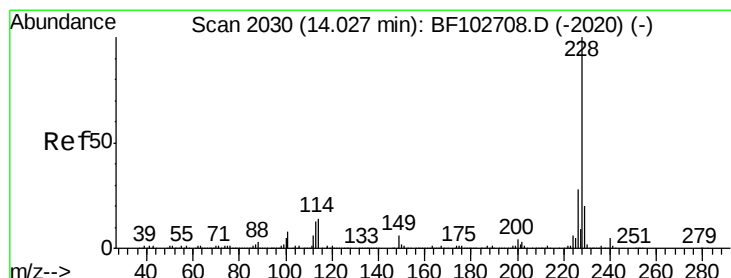
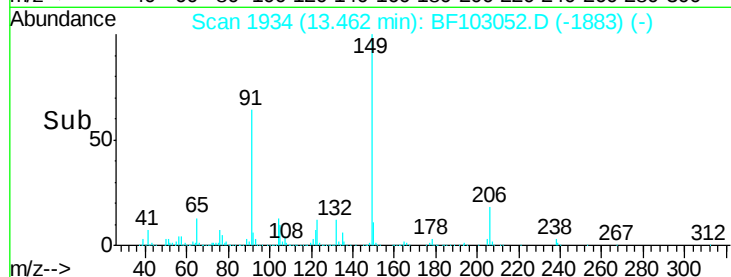
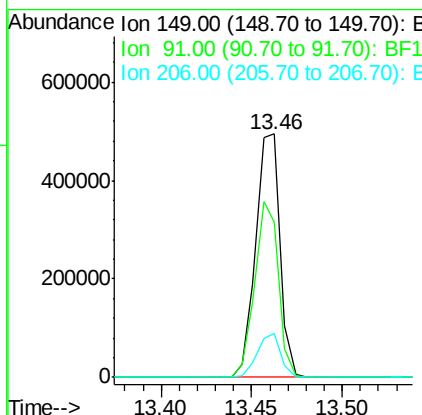
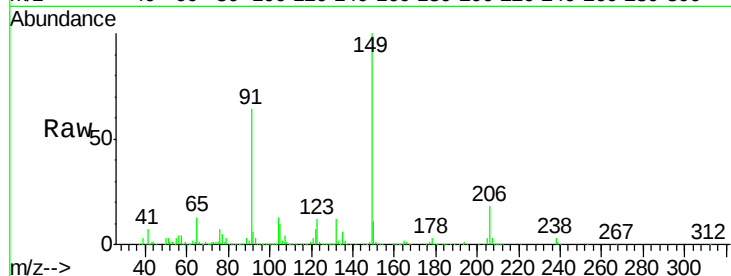




#79
Butylbenzylphthalate
Concen: 40.172 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

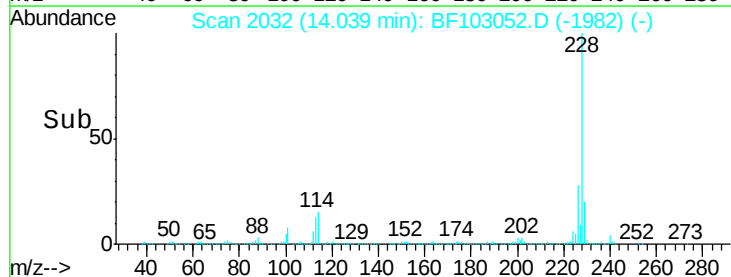
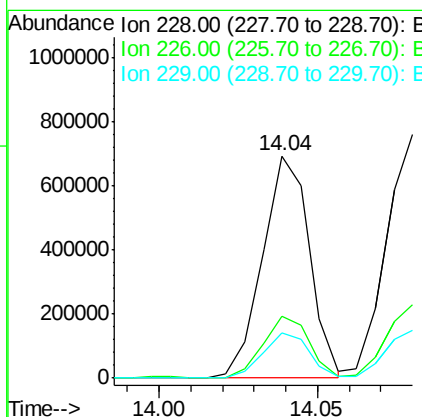
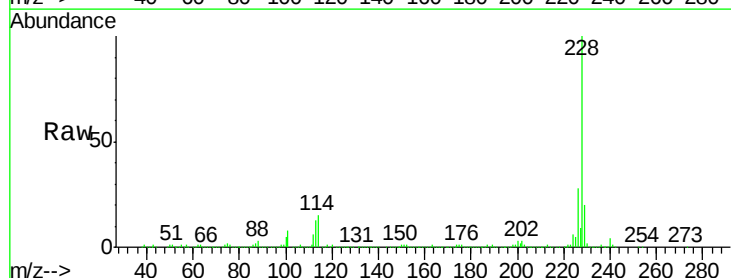
Instrument :
BNA_F
ClientSampleId :
RO-155MS

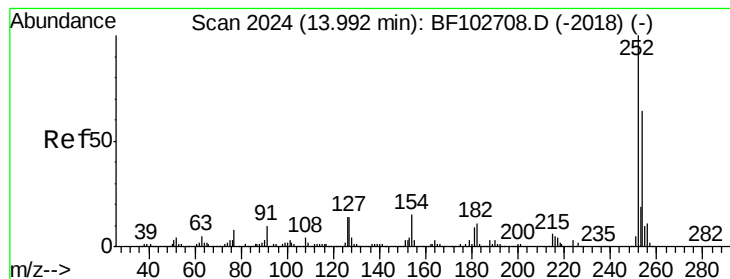
Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.0	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 36.913 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103052.D
Acq: 16 Feb 2018 15:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.2	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 40.061 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

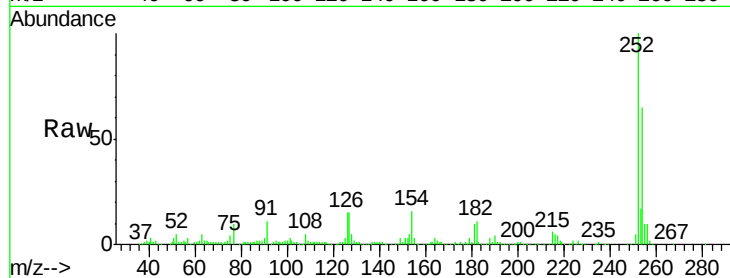
Tgt Ion:252 Resp: 288179

Ion Ratio Lower Upper

252 100

254 65.2 50.4 75.6

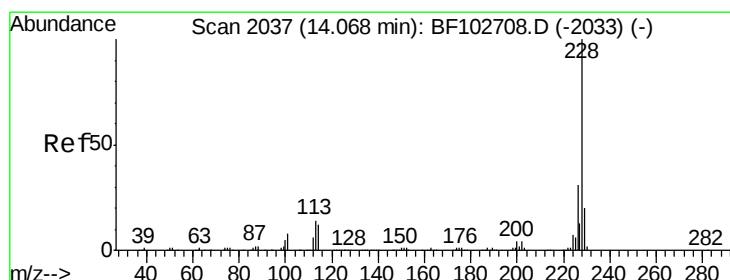
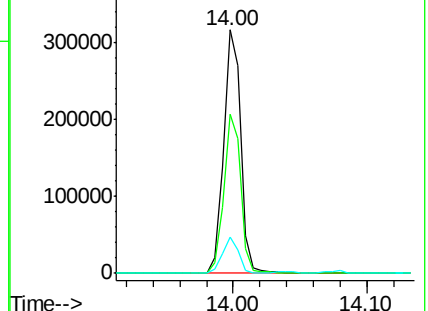
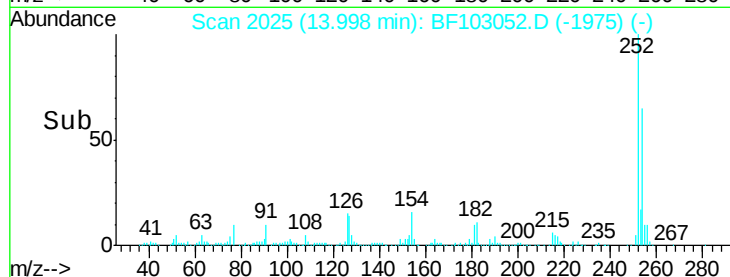
126 14.9 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 34.971 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

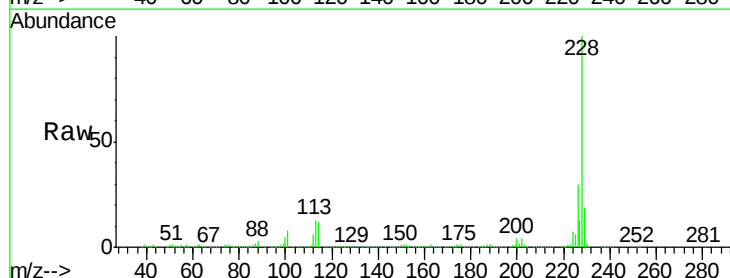
Tgt Ion:228 Resp: 683944

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

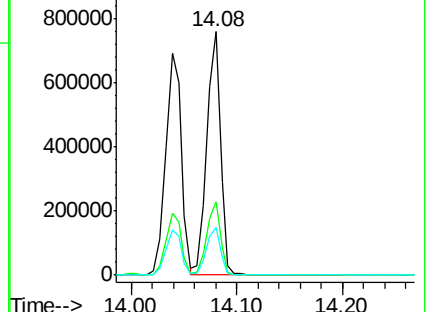
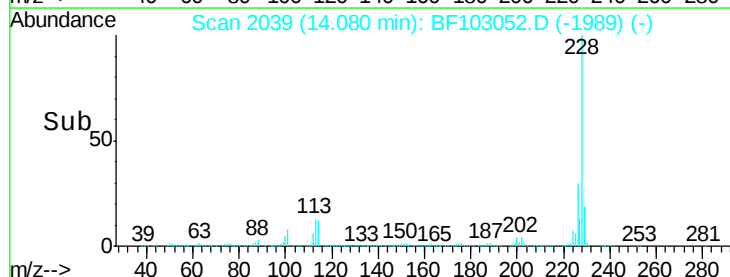
229 19.4 16.2 24.4

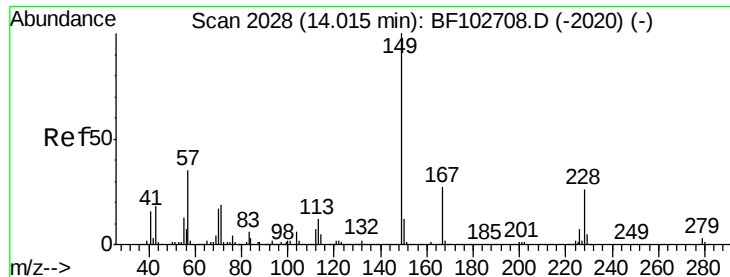


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

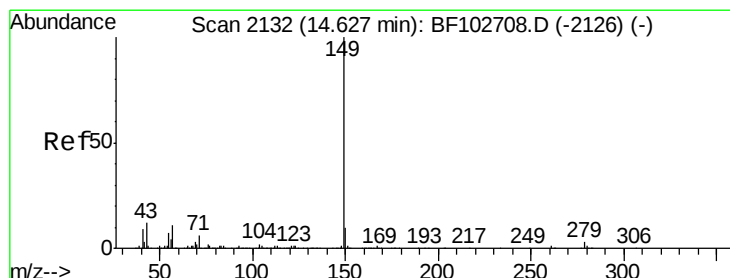
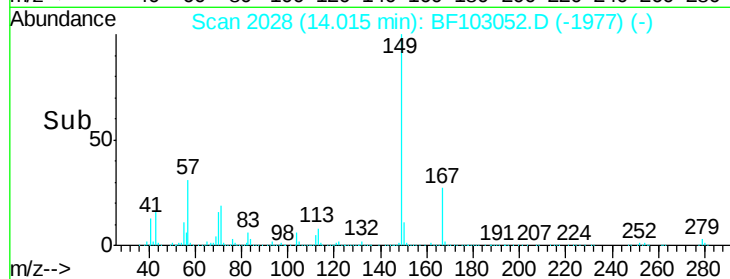
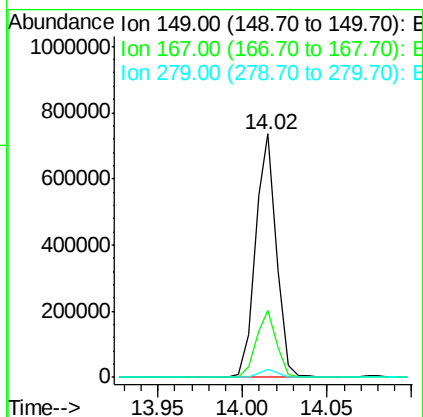
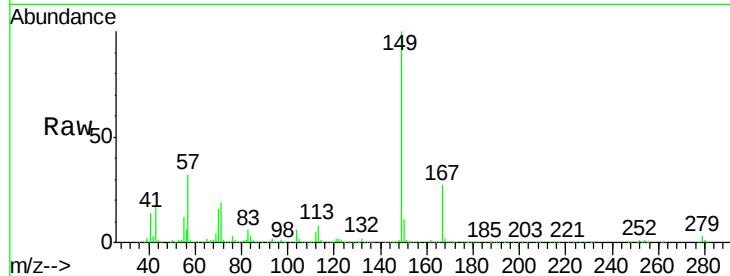




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.687 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

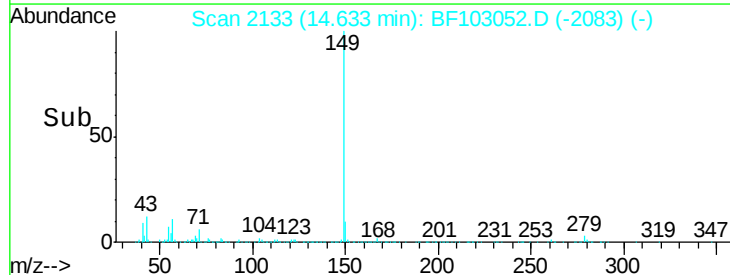
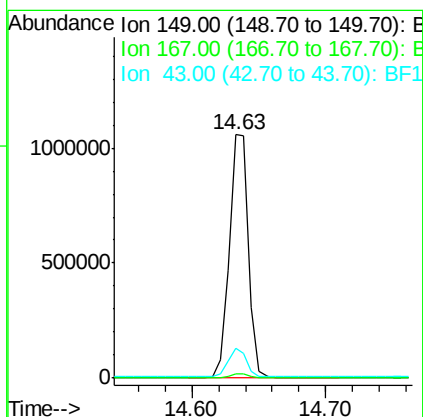
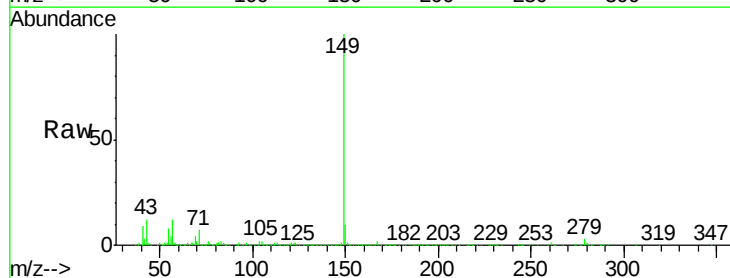
Instrument :
 BNA_F
 ClientSampleId :
 RO-155MS

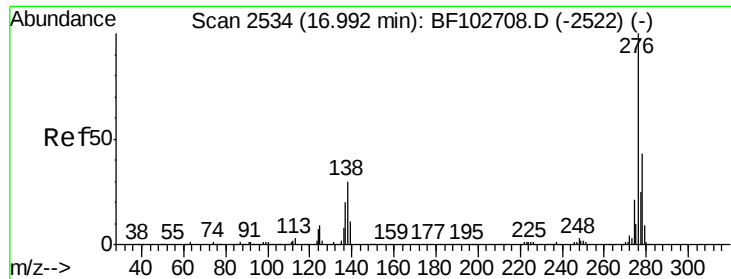
Tgt Ion:149 Resp: 632563
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 47.790 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Tgt Ion:149 Resp: 1063352
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 11.2 8.4 12.6

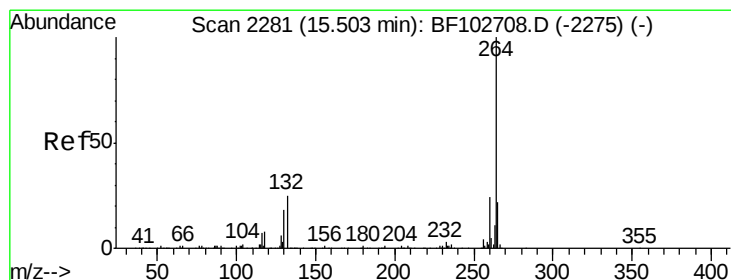
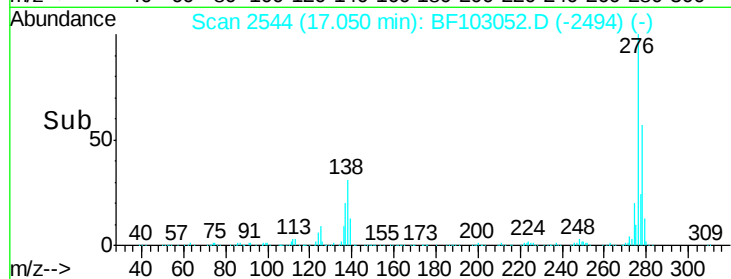
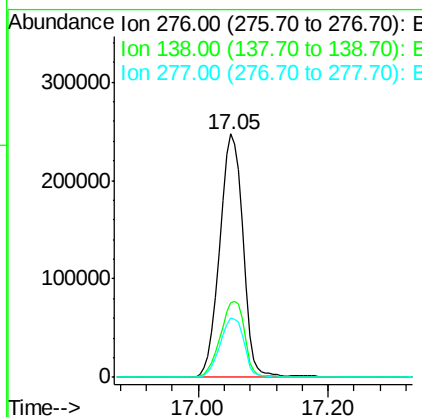
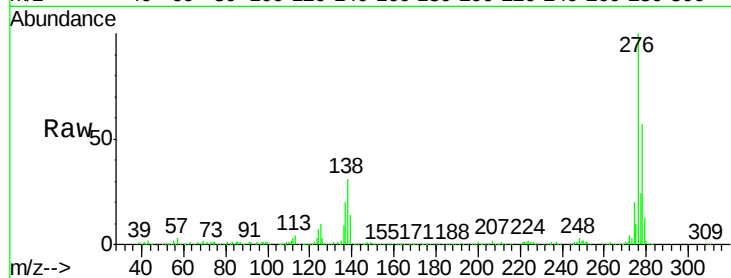




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.051 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

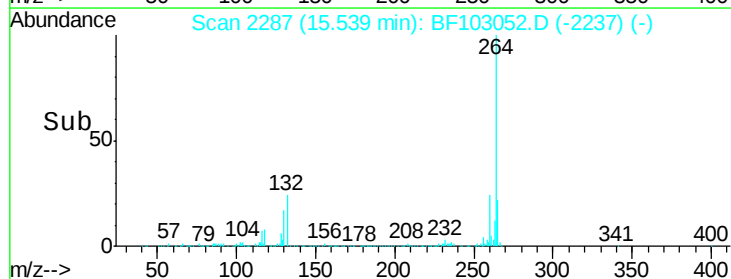
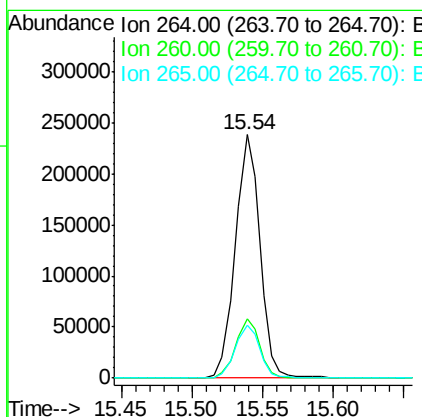
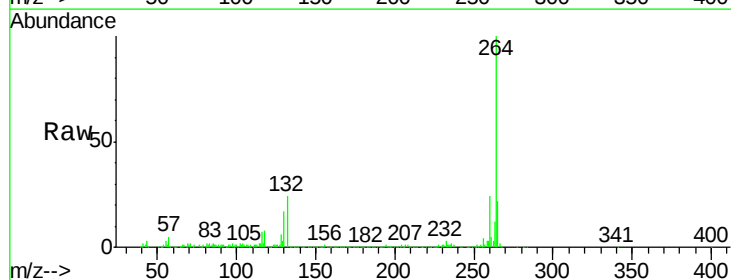
Instrument :
 BNA_F
 ClientSampleId :
 RO-155MS

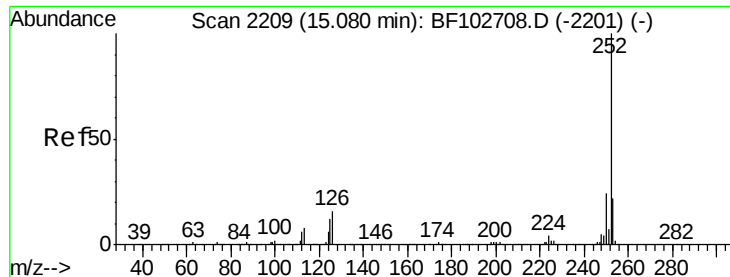
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF103052.D
 Acq: 16 Feb 2018 15:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 37.598 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

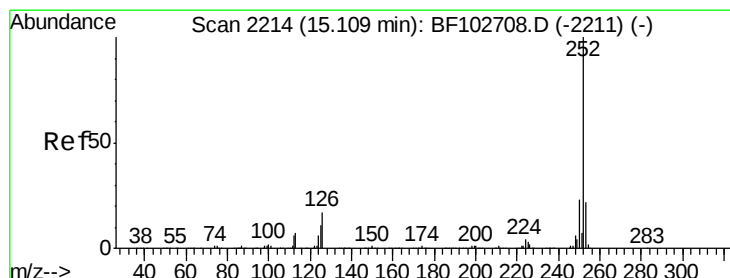
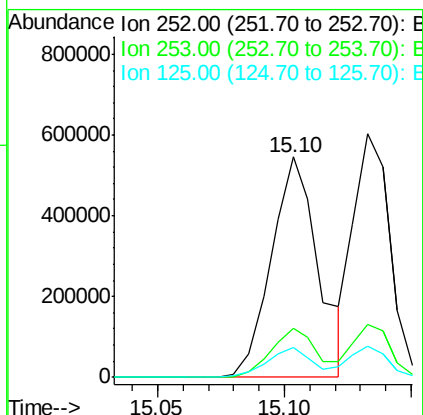
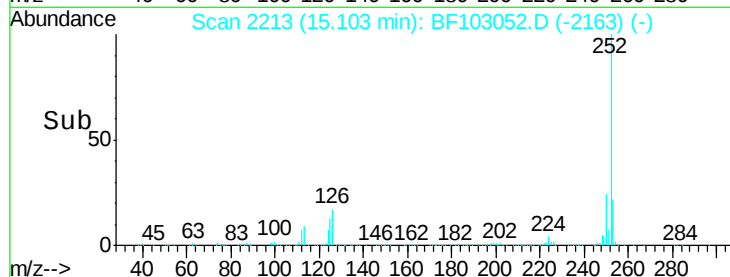
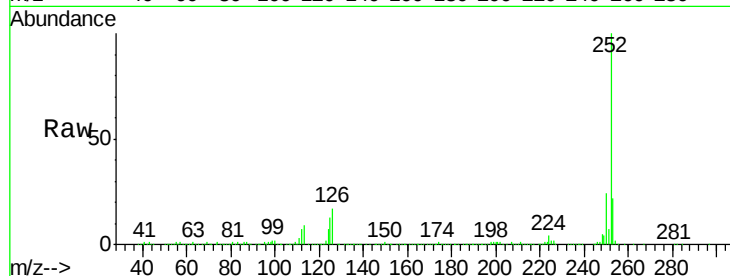
Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :
BNA_F
ClientSampleId :
RO-155MS

Tgt Ion:252 Resp: 708512

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.3	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 34.002 ng

RT: 15.13 min Scan# 2218

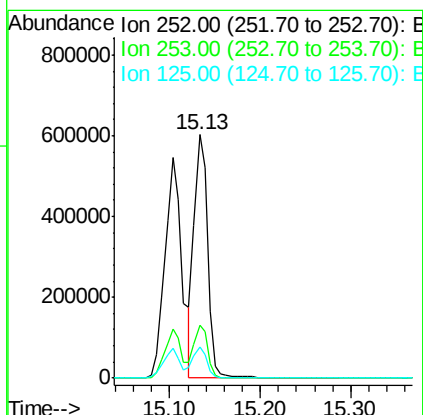
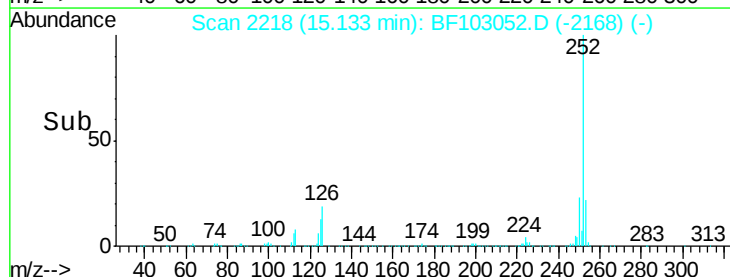
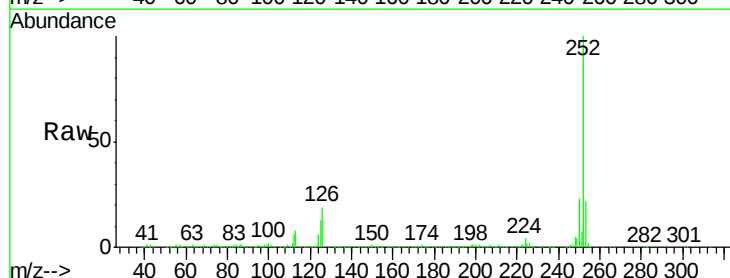
Delta R.T. -0.01 min

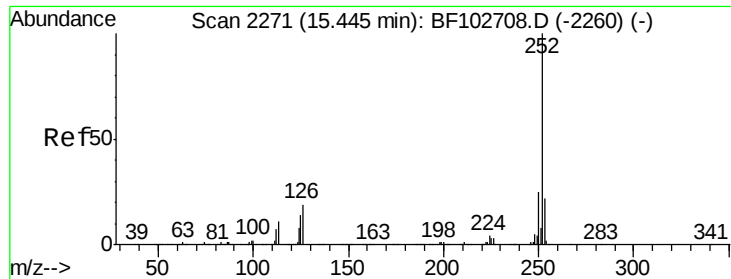
Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Tgt Ion:252 Resp: 612227

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.9	10.2	15.2





#89

Benzo(a)pyrene

Concen: 36.427 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS

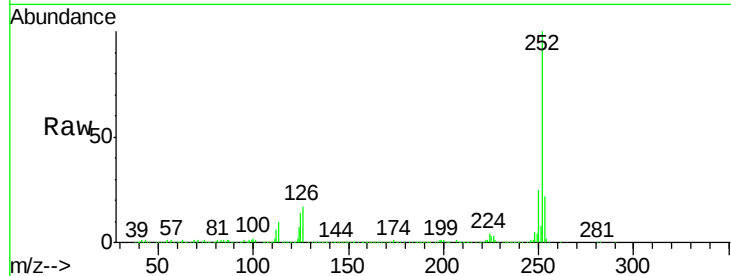
Tgt Ion:252 Resp: 617883

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

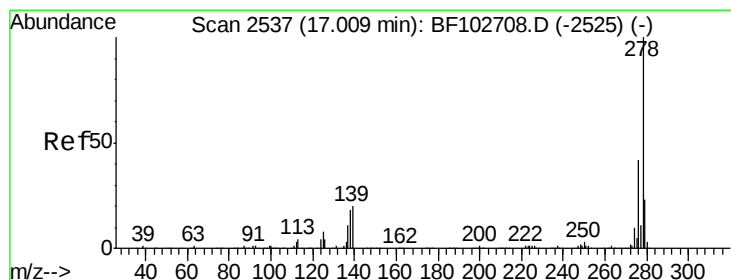
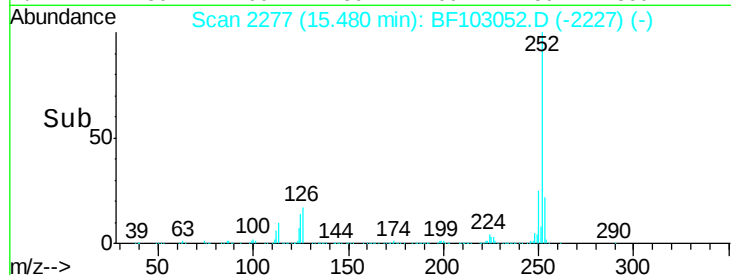
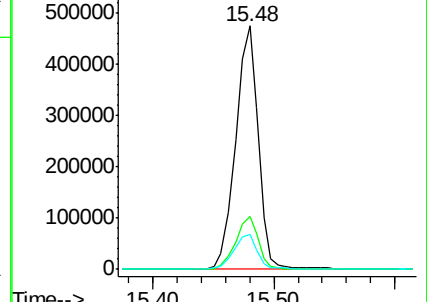
125 14.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.580 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BF103052.D

Acq: 16 Feb 2018 15:13

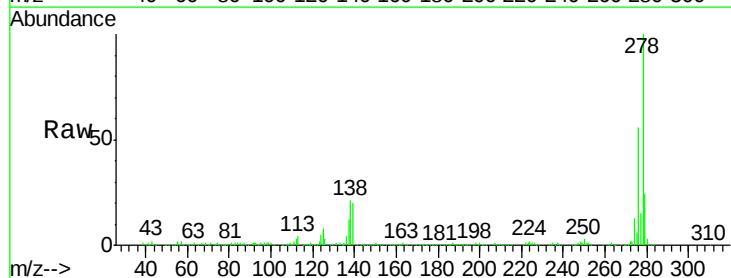
Tgt Ion:278 Resp: 517389

Ion Ratio Lower Upper

278 100

139 19.8 15.9 23.9

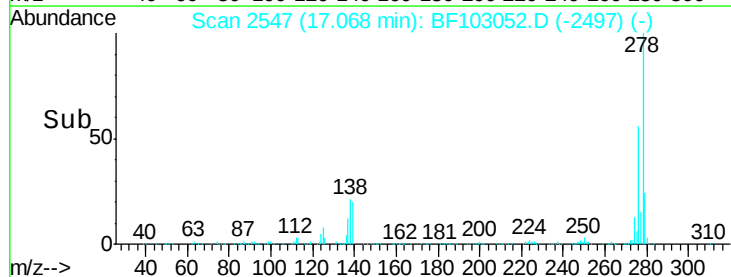
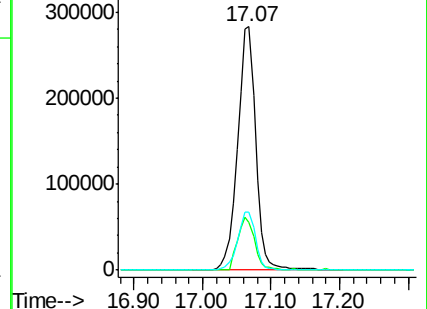
279 23.7 19.0 28.4

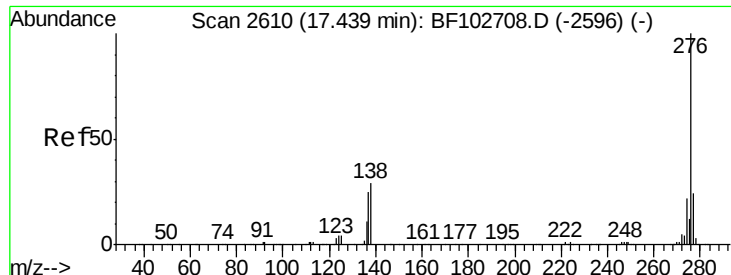


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.360 ng

RT: 17.51 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BF103052.D

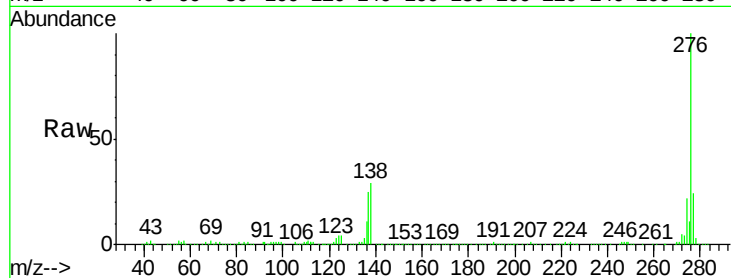
Acq: 16 Feb 2018 15:13

Instrument :

BNA_F

ClientSampleId :

RO-155MS



Tgt Ion:	276	Resp:	503450
Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	28.9	21.8	32.8

