

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103061.D
 Acq On : 16 Feb 2018 19:13
 Operator : SJ/JU
 Sample : J1584-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 23:18:04 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	6.88	152	175250	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	683810	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	272159	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	417901	20.00	ng	0.00
75) Chrysene-d12	14.05	240	275375	20.00	ng	0.00
86) Perylene-d12	15.54	264	234748	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1344446	116.51	ng	0.02
7) Phenol-d6	6.52	99	1594079	114.73	ng	0.01
23) Nitrobenzene-d5	7.45	82	1014517	102.92	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	259304	118.37	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1413800	86.20	ng	0.00
78) Terphenyl-d14	12.99	244	1072331	92.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	216950	38.06	ng	89
3) Pyridine	3.49	79	610123	38.74	ng	92
4) n-Nitrosodimethylamine	3.45	42	305551	45.35	ng	99
6) Aniline	6.55	93	516042	25.15	ng	95
8) 2-Chlorophenol	6.67	128	502698	42.31	ng	94
9) Benzaldehyde	6.43	77	108190	10.49	ng	98
10) Phenol	6.53	94	636272	42.73	ng	89
11) bis(2-Chloroethyl)ether	6.62	93	516268	41.67	ng	90
12) 1,3-Dichlorobenzene	6.82	146	532243	38.69	ng	99
13) 1,4-Dichlorobenzene	6.90	146	533517	38.93	ng	99
14) 1,2-Dichlorobenzene	7.05	146	484570	37.96	ng	98
15) Benzyl Alcohol	7.02	79	429108	40.17	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	883107	37.52	ng	100
17) 2-Methylphenol	7.13	107	435621	39.75	ng	99
18) Hexachloroethane	7.39	117	162100	34.49	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	333901	36.45	ng	95
20) 3+4-Methylphenols	7.29	107	477907	35.36	ng	# 71
22) Acetophenone	7.29	105	652604	39.00	ng	# 91
24) Nitrobenzene	7.46	77	539281	46.51	ng	98
25) Isophorone	7.70	82	992239	43.71	ng	98
26) 2-Nitrophenol	7.78	139	246670	51.10	ng	94
27) 2,4-Dimethylphenol	7.82	122	437651	45.64	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	620778	46.17	ng	100
29) 2,4-Dichlorophenol	8.02	162	395369	45.35	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	399855	40.55	ng	98
31) Naphthalene	8.19	128	1348756	40.37	ng	100
32) Benzoic acid	7.90	122	62075	17.09	ng	99
33) 4-Chloroaniline	8.23	127	277871	19.31	ng	99
34) Hexachlorobutadiene	8.30	225	197515	39.09	ng	100
35) Caprolactam	8.60	113	128995	42.61	ng	# 76
36) 4-Chloro-3-methylphenol	8.72	107	426832	43.58	ng	97
37) 2-Methylnaphthalene	8.87	142	876261	40.06	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	333499	45.00	ng	98
40) Hexachlorocyclopentadiene	9.02	237	36133	10.26	ng	96

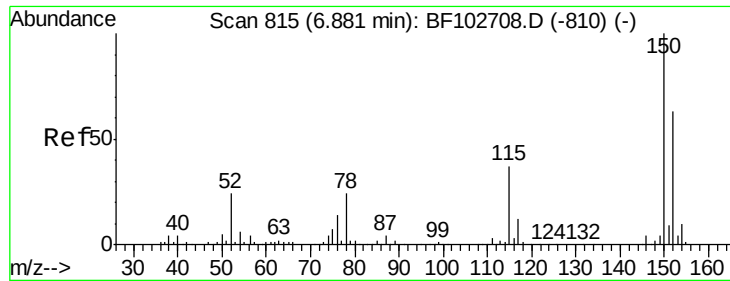
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103061.D
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 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	235677	48.42	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	244190	44.51	nq	98
45) 1,1'-Biphenyl	9.34	154	965856	42.13	nq	99
46) 2-Chloronaphthalene	9.37	162	761491	42.20	nq	98
47) 2-Nitroaniline	9.46	65	295323	52.67	nq	91
48) Acenaphthylene	9.78	152	1115672	39.80	nq	100
49) Dimethylphthalate	9.63	163	1018573	48.00	nq	99
50) 2,6-Dinitrotoluene	9.70	165	186880	46.29	nq	96
51) Acenaphthene	9.95	154	643484	38.39	nq	98
52) 3-Nitroaniline	9.87	138	204749	41.22	nq	96
53) 2,4-Dinitrophenol	9.98	184	17224	26.96	nq	# 21
54) Dibenzofuran	10.12	168	968114	40.98	nq	98
55) 4-Nitrophenol	10.04	139	300654	73.97	nq	94
56) 2,4-Dinitrotoluene	10.11	165	222389	41.52	nq	# 96
57) Fluorene	10.47	166	708133	41.20	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	167728	44.11	nq	100
59) Diethylphthalate	10.33	149	852990	40.71	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	325462	42.81	nq	98
61) 4-Nitroaniline	10.49	138	212204	44.88	nq	95
62) Azobenzene	10.62	77	810281	38.71	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	18102	18.14	nq	92
65) n-Nitrosodiphenylamine	10.57	169	651615	44.21	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	193511	43.77	nq	99
67) Hexachlorobenzene	11.02	284	198994	40.80	nq	98
68) Atrazine	11.10	200	179270	41.22	nq	98
69) Pentachlorophenol	11.21	266	179046	62.54	nq	99
70) Phenanthrene	11.43	178	952113	40.91	nq	99
71) Anthracene	11.49	178	960894	40.59	nq	100
72) Carbazole	11.64	167	927247	39.98	nq	99
73) Di-n-butylphthalate	11.96	149	1213830	43.09	nq	100
74) Fluoranthene	12.62	202	956299	40.84	nq	98
76) Benzidine	12.74	184	652578	51.56	nq	97
77) Pyrene	12.86	202	975612	45.18	nq	99
79) Butylbenzylphthalate	13.46	149	488333	47.29	nq	94
80) Benzo(a)anthracene	14.04	228	766027	44.23	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	285882	44.52	nq	97
82) Chrysene	14.08	228	721011	41.30	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	668304	50.52	nq	100
84) Di-n-octyl phthalate	14.63	149	1067898	53.77	nq	98
85) Indeno(1,2,3-cd)pyrene	17.05	276	592302	40.91	nq	99
87) Benzo(b)fluoranthene	15.10	252	645956	42.44	nq	98
88) Benzo(k)fluoranthene	15.13	252	604885	41.60	nq	99
89) Benzo(a)pyrene	15.48	252	589511	43.03	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	491833	44.23	nq	97
91) Benzo(g,h,i)perylene	17.52	276	491203	45.13	nq	98

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

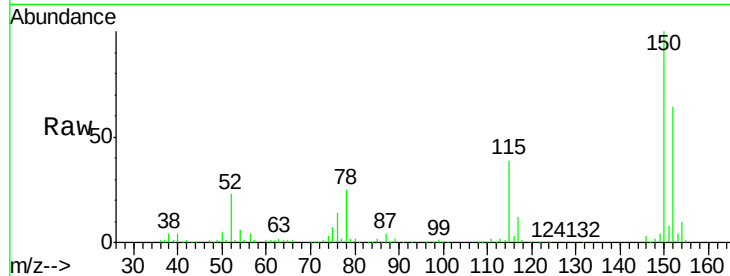


#1

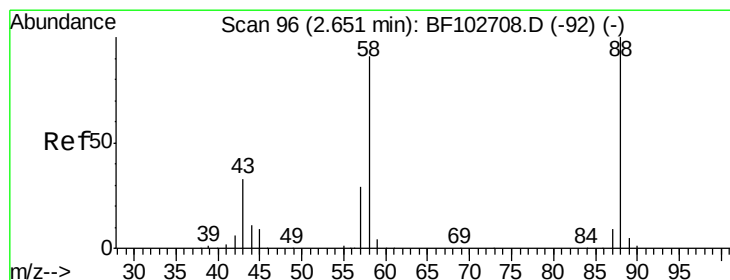
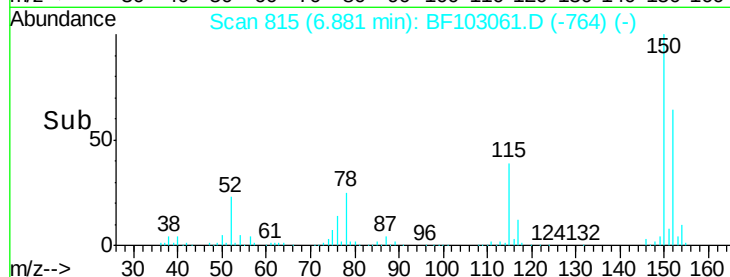
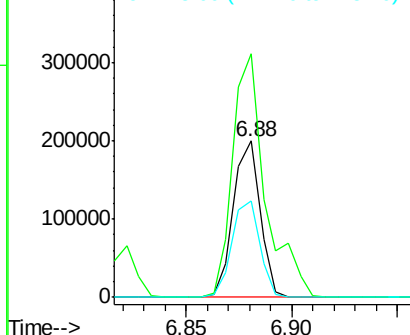
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	61.4	50.1	75.1



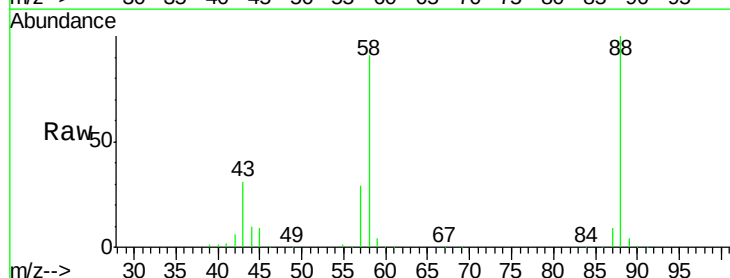
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



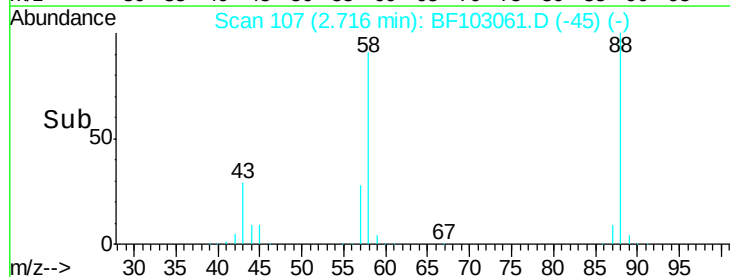
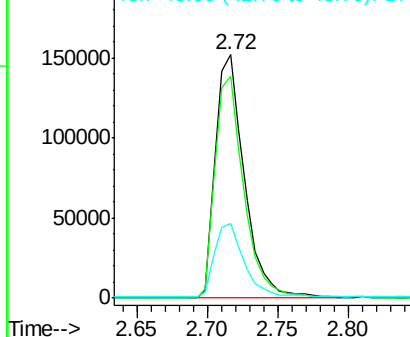
#2

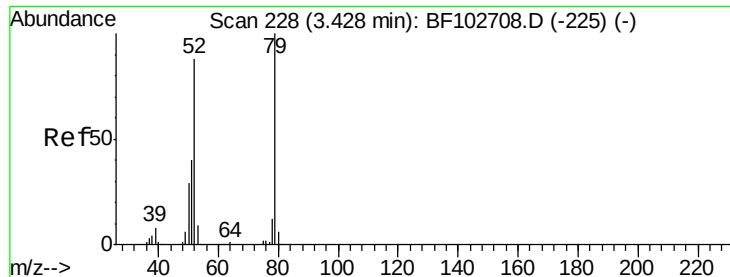
1,4-Dioxane
Concen: 38.06 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.06 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.8	62.6	93.8
43	30.4	24.6	37.0



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

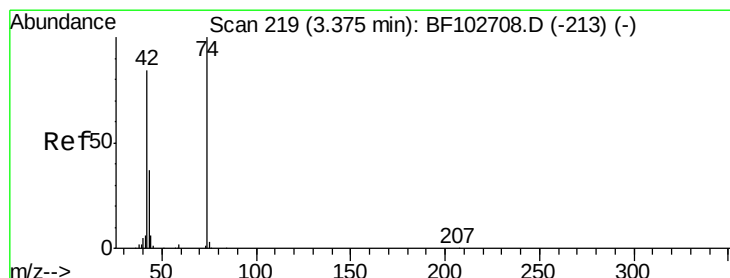
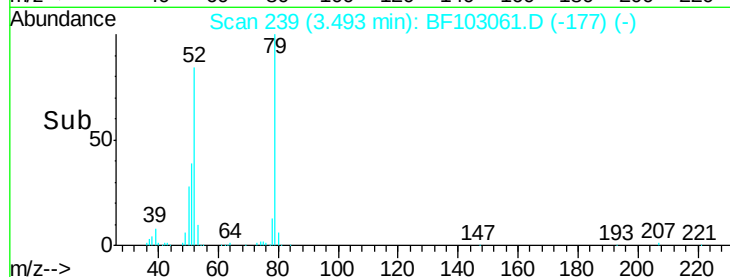
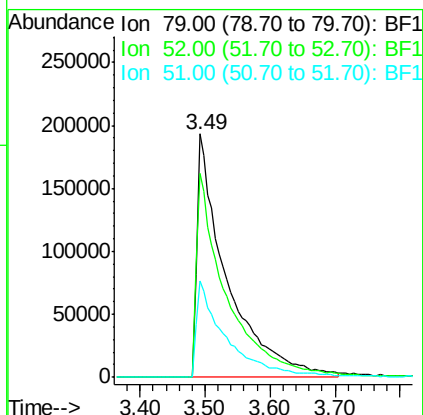
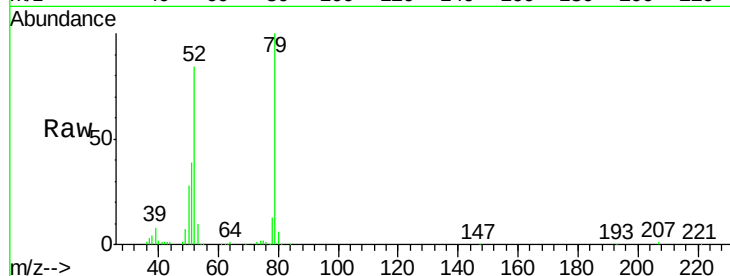




#3
 Pvridine
 Concen: 38.74 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.06 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

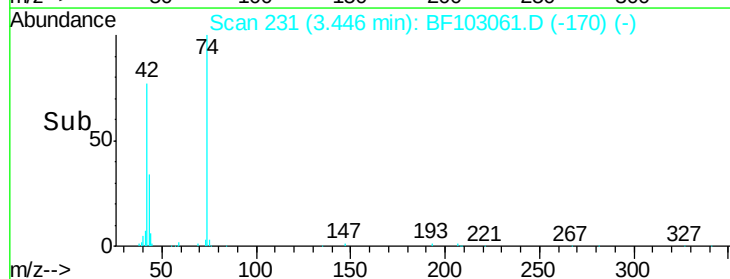
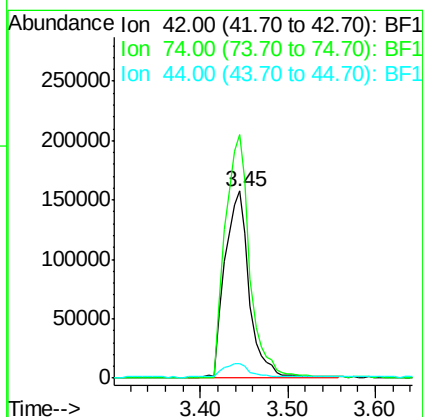
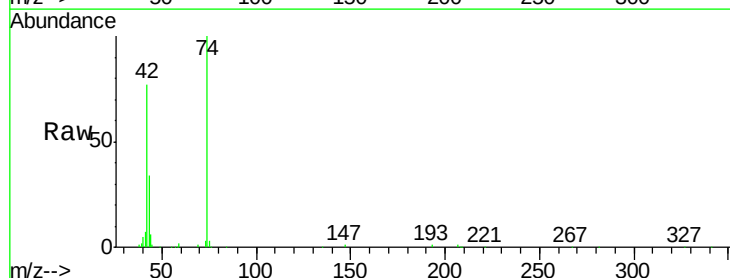
Instrument :
 BNA_F
 ClientSampled :

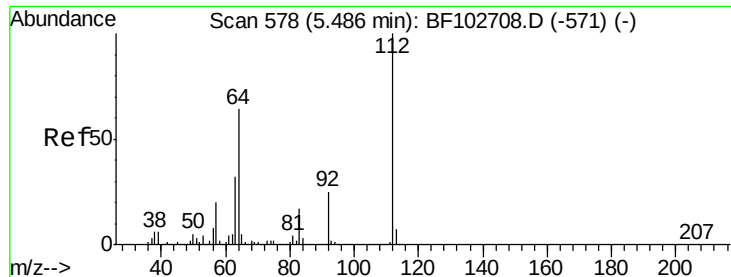
Tot Ion: 79 Resp: 610123
 Ion Ratio Lower Upper
 79 100
 52 83.9 59.8 89.6
 51 39.4 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 45.35 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.06 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion: 42 Resp: 305551
 Ion Ratio Lower Upper
 42 100
 74 130.1 104.9 157.3
 44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 116.51 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

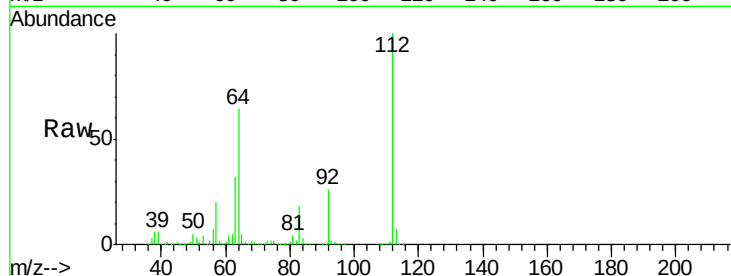
Tot Ion:112 Resp: 1344446

Ion Ratio Lower Upper

112 100

64 64.0 47.9 71.9

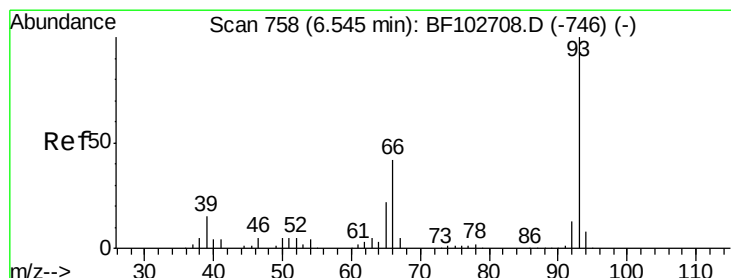
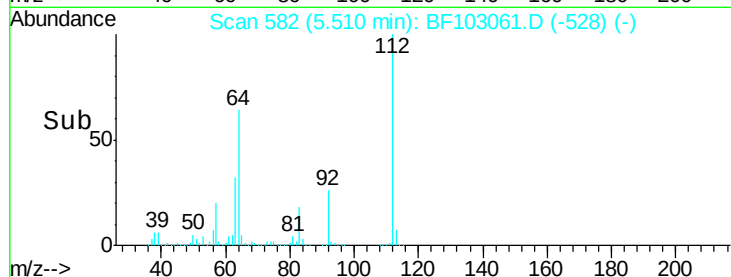
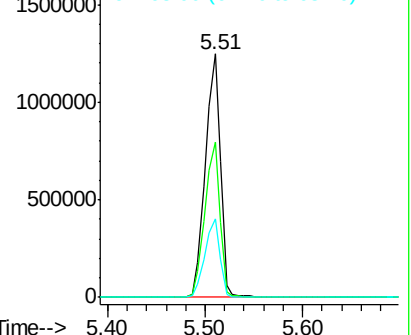
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.15 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

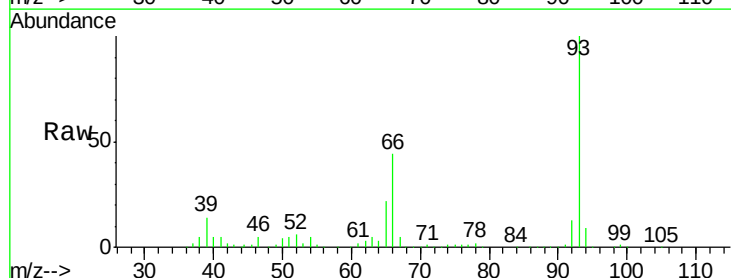
Tgt Ion: 93 Resp: 516042

Ion Ratio Lower Upper

93 100

66 43.8 32.2 48.2

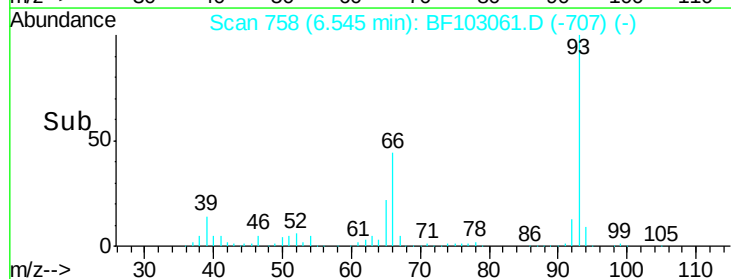
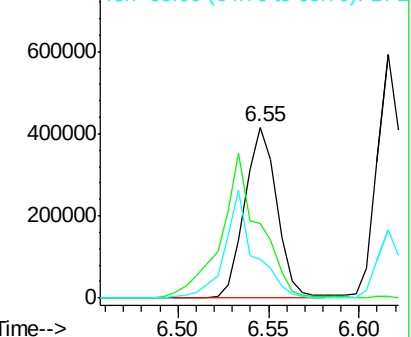
65 22.5 16.4 24.6

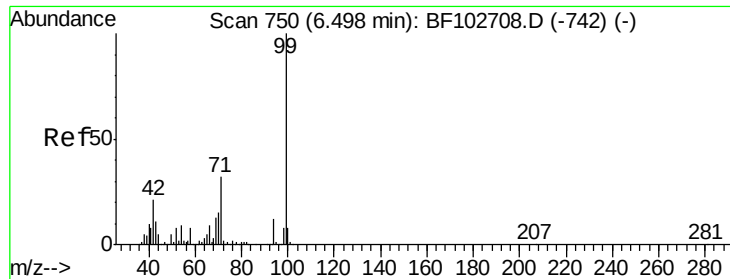


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.73 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

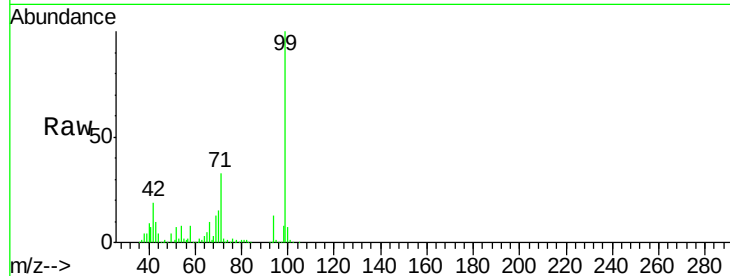
Tot Ion: 99 Resp: 1594079

Ion Ratio Lower Upper

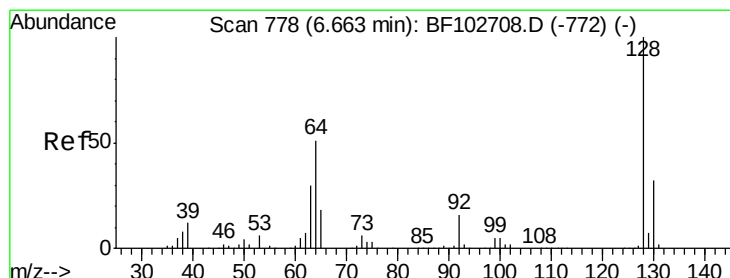
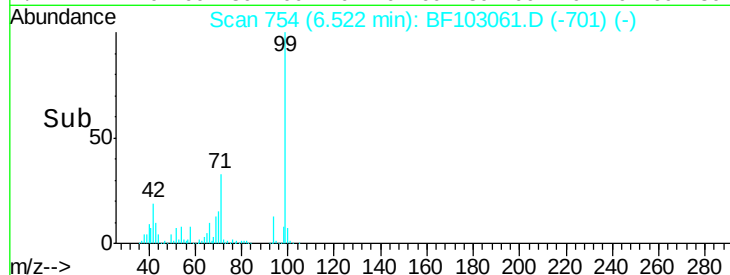
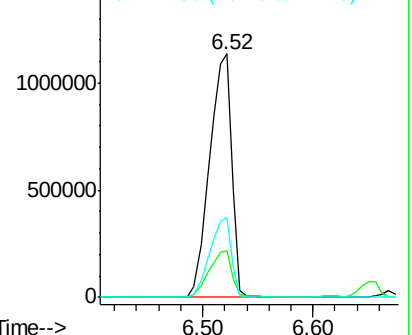
99 100

42 18.9 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: 42.31 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

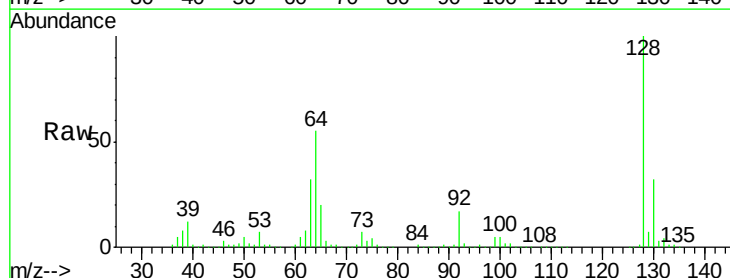
Tgt Ion: 128 Resp: 502698

Ion Ratio Lower Upper

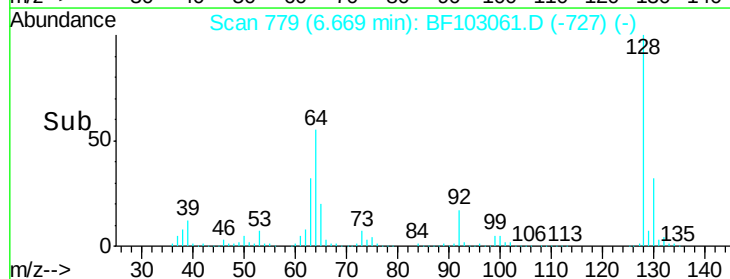
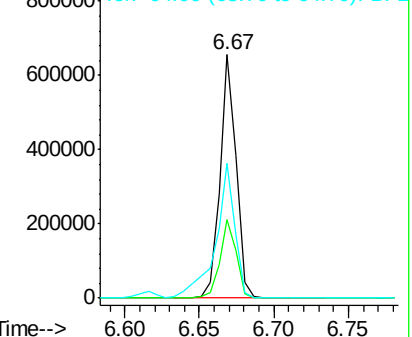
128 100

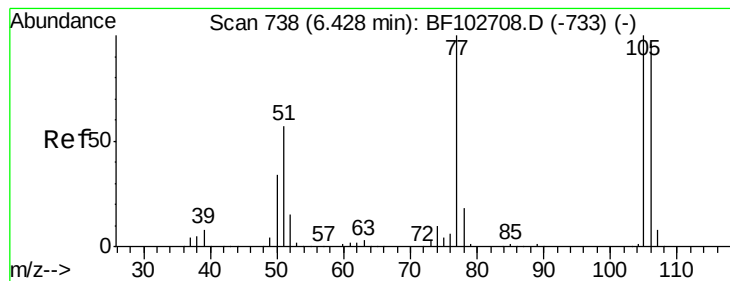
130 32.0 13.0 53.0

64 55.2 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: 10.49 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

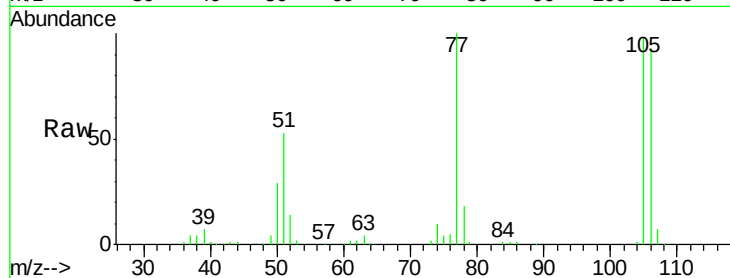
Tot Ion: 77 Resp: 108190

Ion Ratio Lower Upper

77 100

105 97.6 81.1 121.1

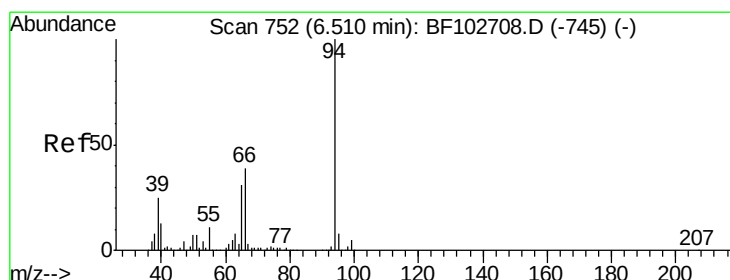
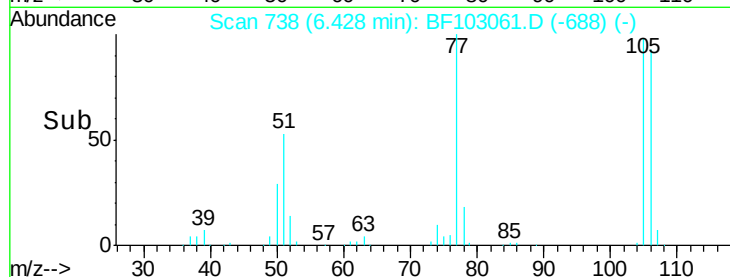
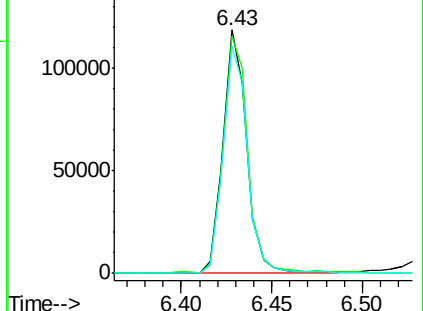
106 93.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.73 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

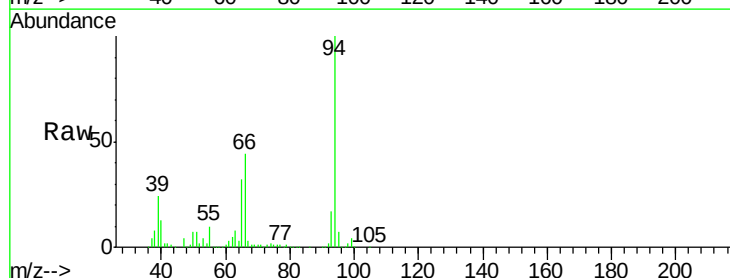
Tgt Ion: 94 Resp: 636272

Ion Ratio Lower Upper

94 100

65 32.4 7.9 47.9

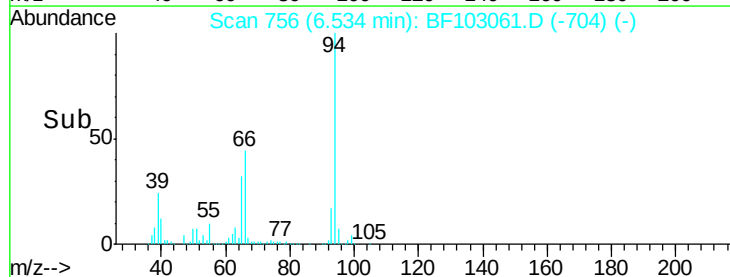
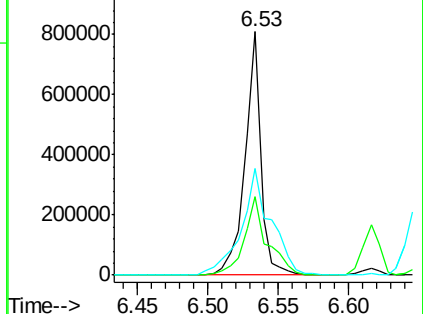
66 43.6 16.2 56.2

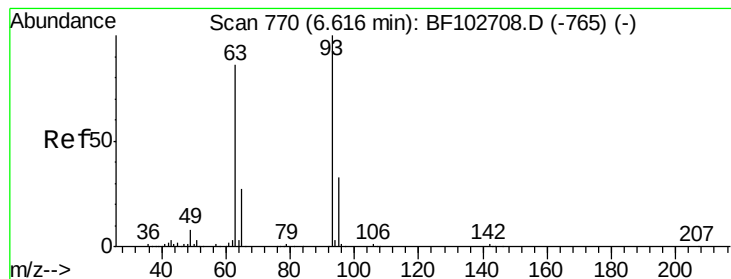


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

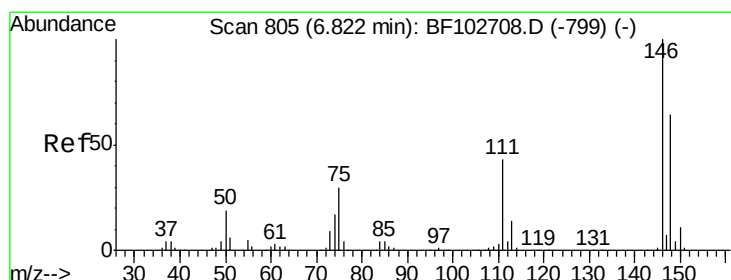
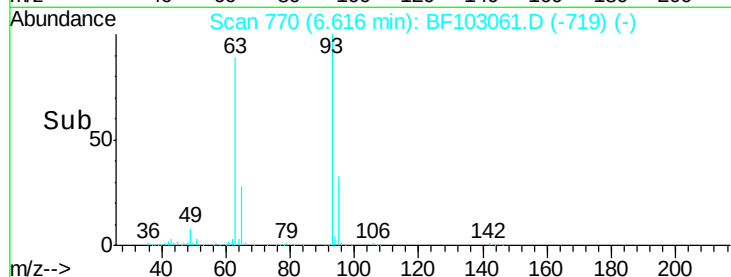
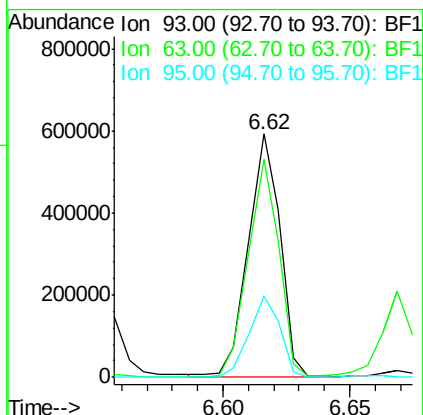
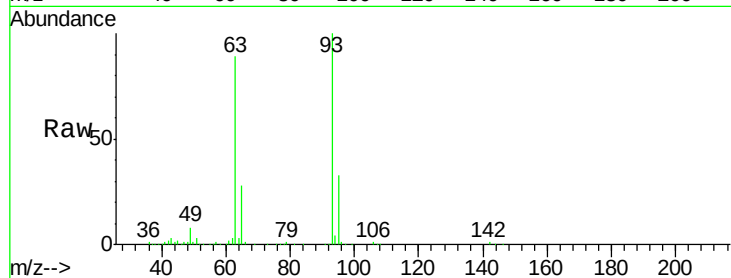




#11
 bis(2-Chloroethyl)ether
 Concen: 41.67 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

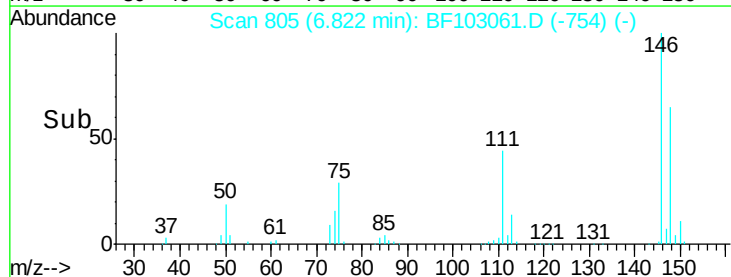
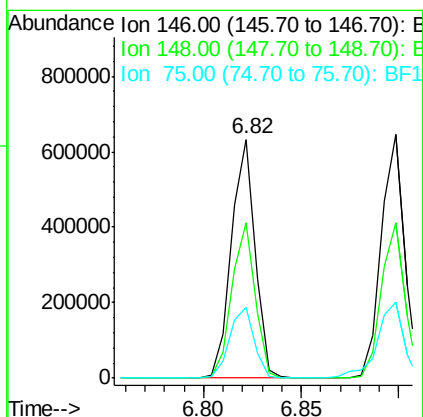
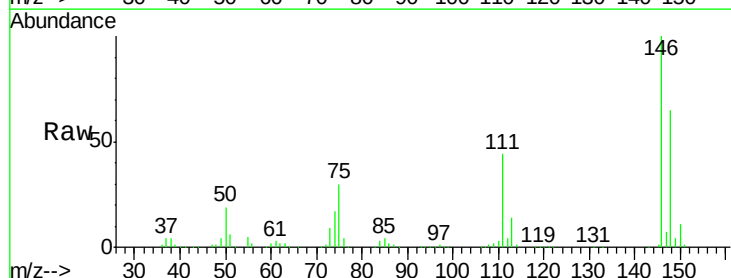
Instrument :
 BNA_F
 ClientSampleId :

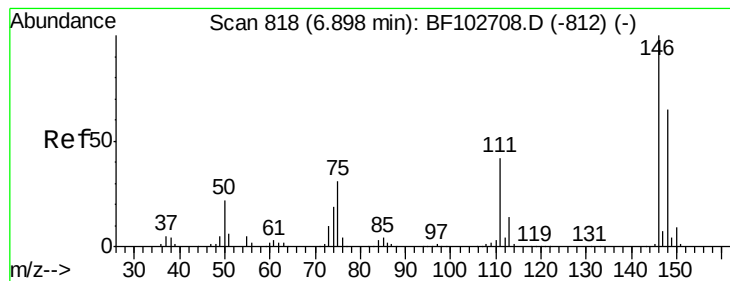
Tot Ion	Ratio	Lower	Upper
93	100		
63	89.3	58.6	98.6
95	33.5	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.69 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	29.7	24.2	36.4

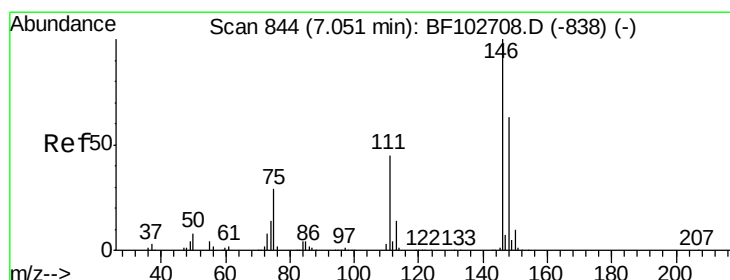
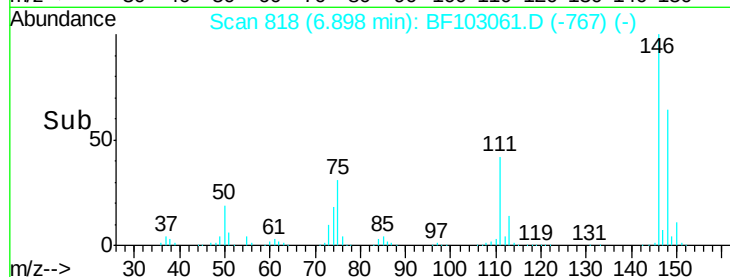
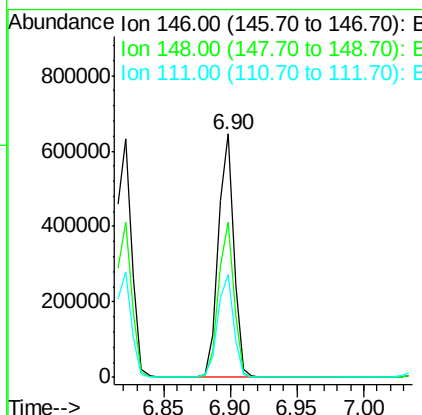
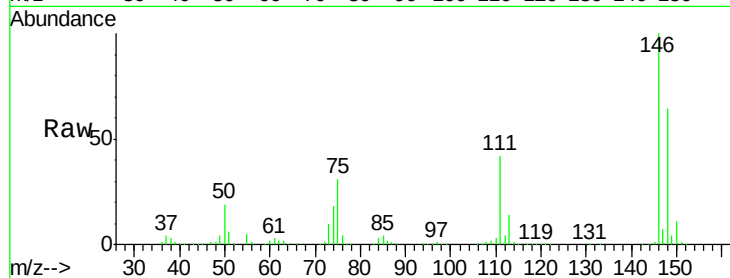




#13
 1,4-Dichlorobenzene
 Concen: 38.93 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

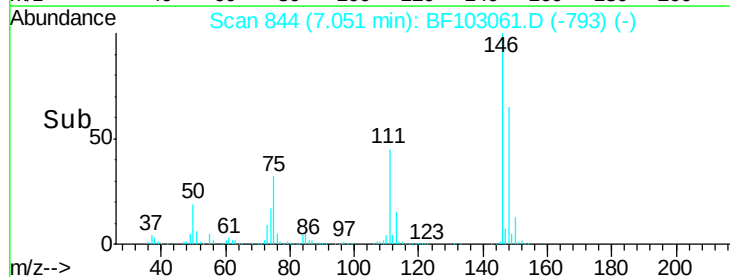
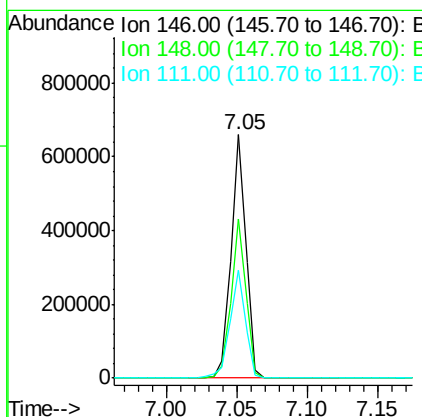
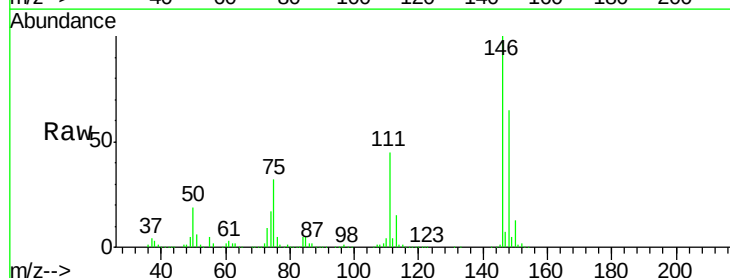
Instrument :
 BNA_F
 ClientSampleId :

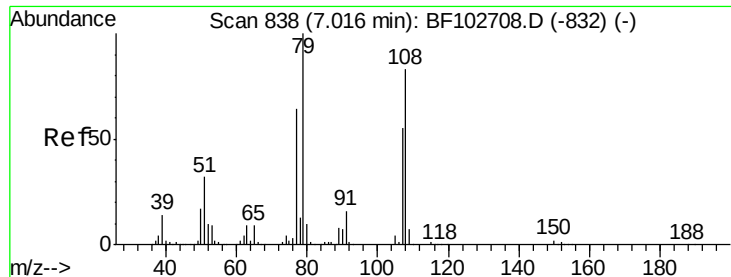
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	42.1	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.96 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.6	75.8
111	44.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.17 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampled :

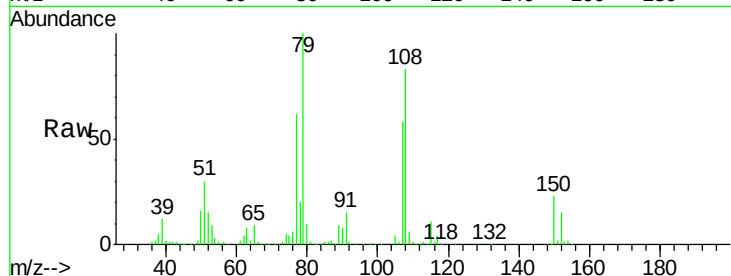
Tot Ion: 79 Resp: 429108

Ion Ratio Lower Upper

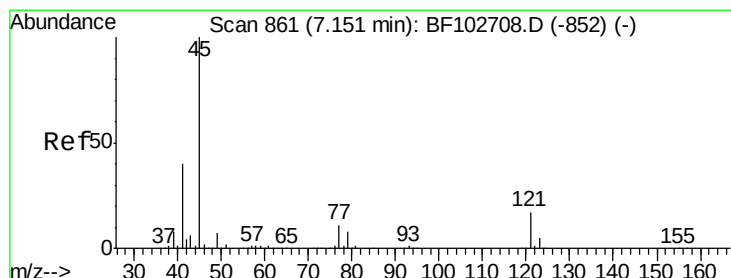
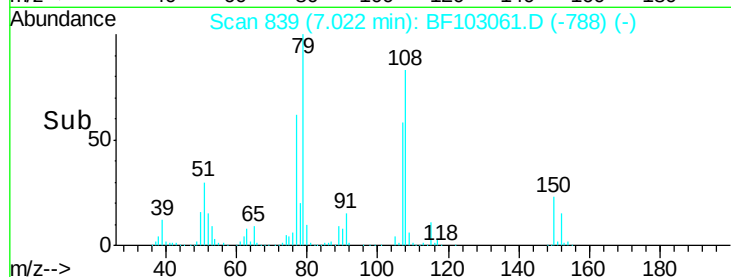
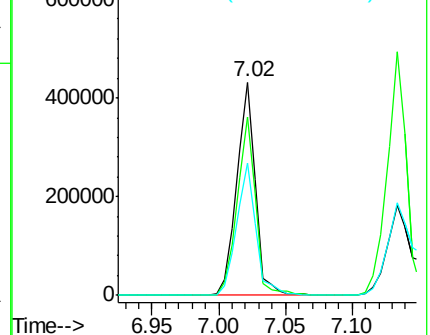
79 100

108 83.3 65.1 97.7

77 62.2 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.52 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

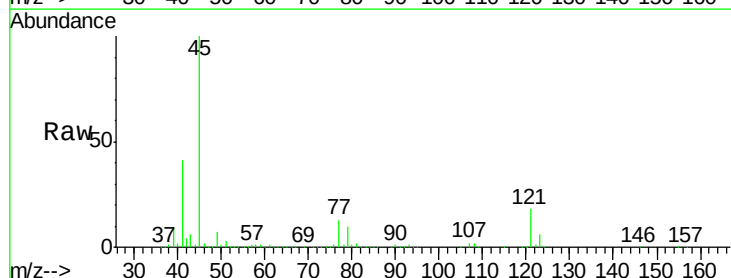
Tgt Ion: 45 Resp: 883107

Ion Ratio Lower Upper

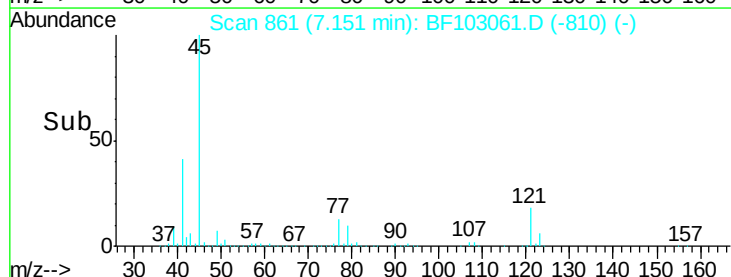
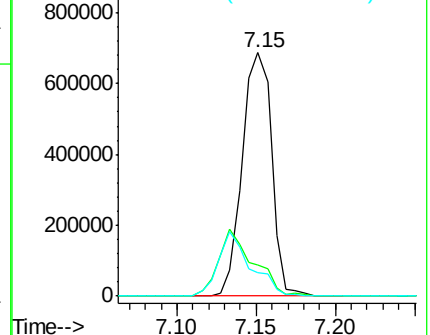
45 100

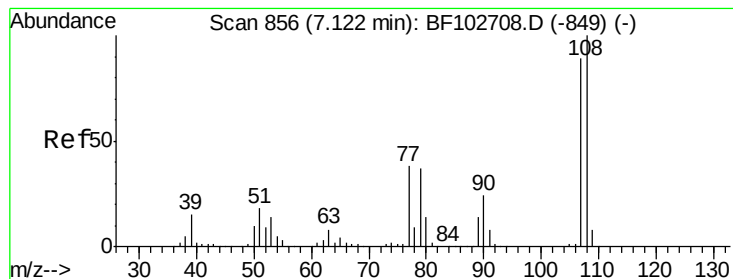
77 12.8 0.0 32.9

79 9.8 0.0 29.6



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

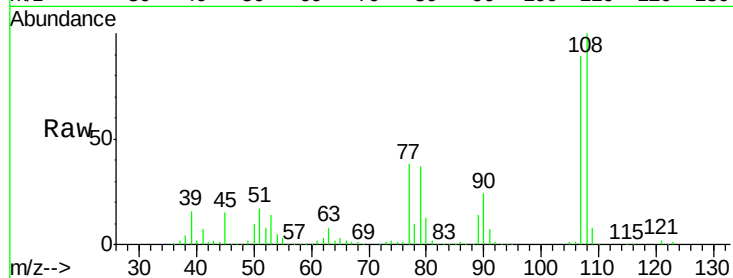




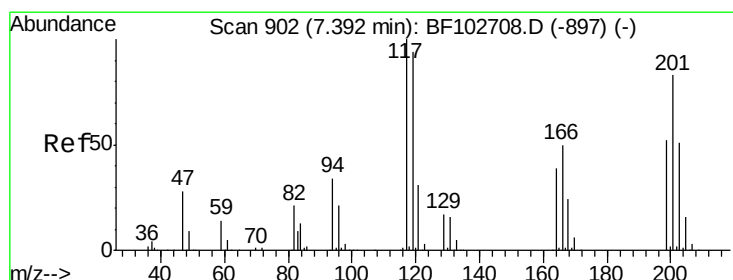
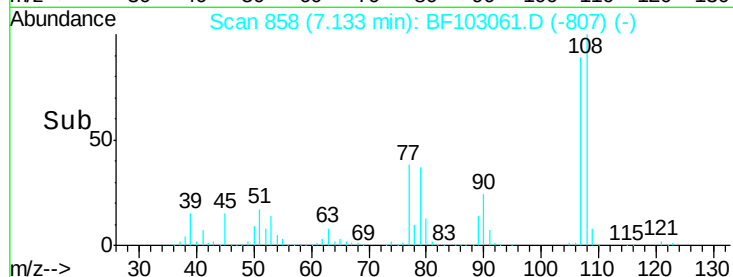
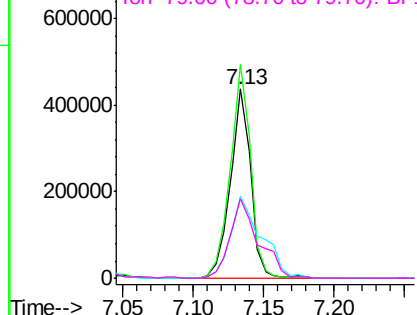
#17
2-Methylphenol
Concen: 39.75 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 435621
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 43.2 33.8 50.8
79 41.7 33.8 50.8

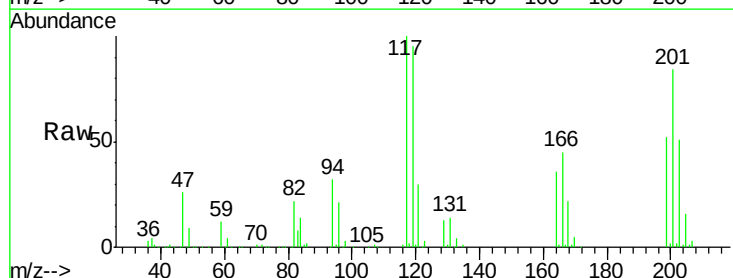


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

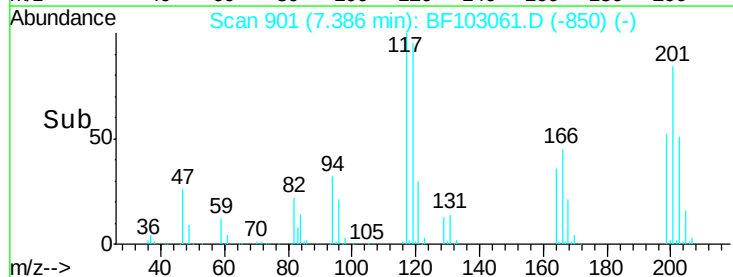
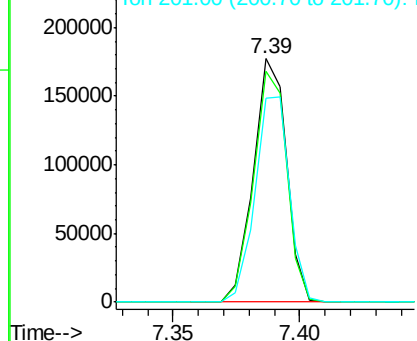


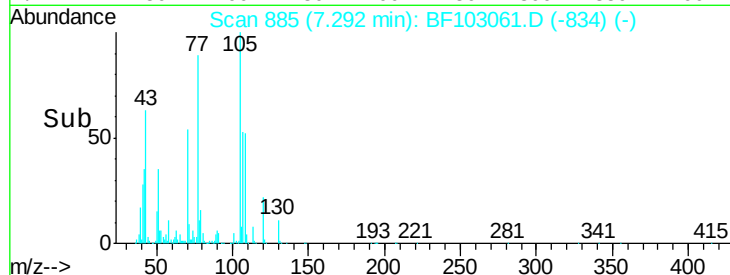
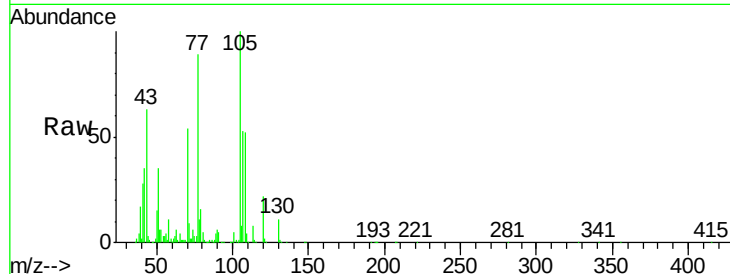
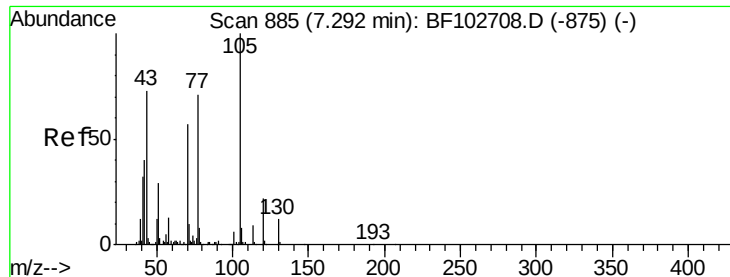
#18
Hexachloroethane
Concen: 34.49 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:117 Resp: 162100
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8
201 83.5 75.7 113.5



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

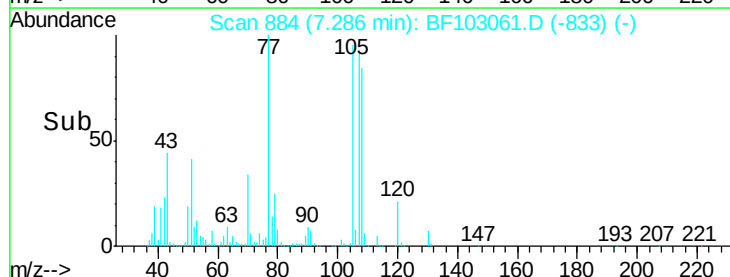
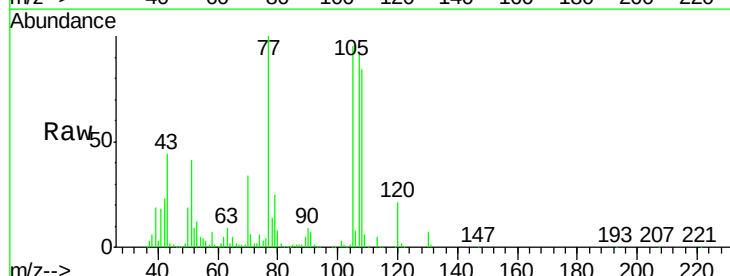
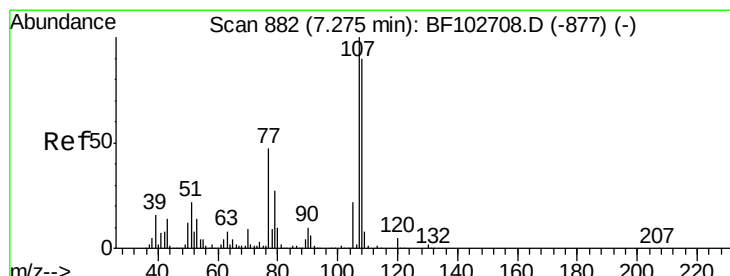
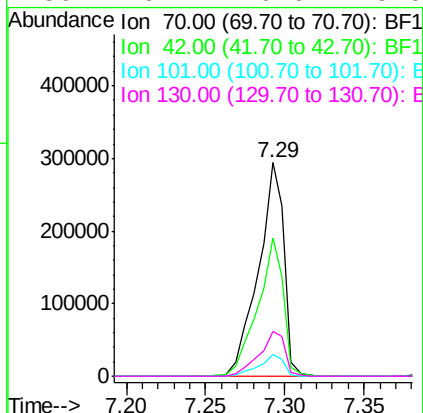




#19
n-Nitroso-di-n-propylamine
Concen: 36.45 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

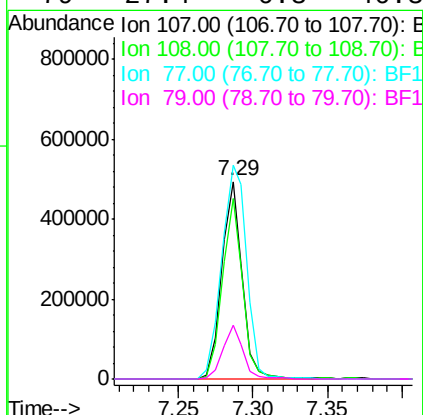
Instrument :
BNA_F
ClientSampleId :

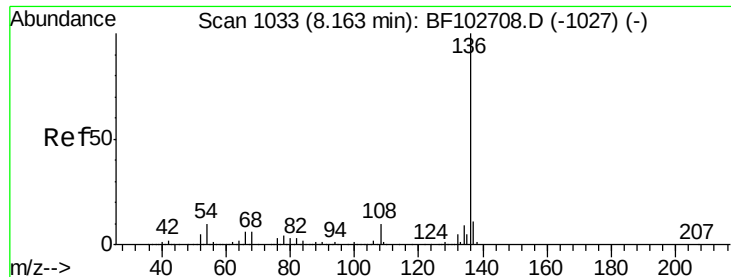
Tot Ion	Ratio	Lower	Upper
70	100		
42	65.0	47.5	71.3
101	10.0	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.36 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	108.1	26.7	66.7#
79	27.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 683810

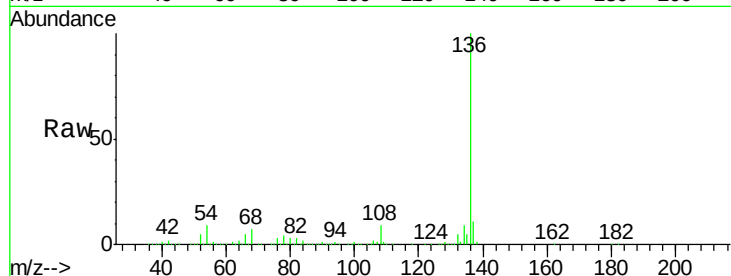
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.3 6.6 9.8

68 6.6 5.0 7.4

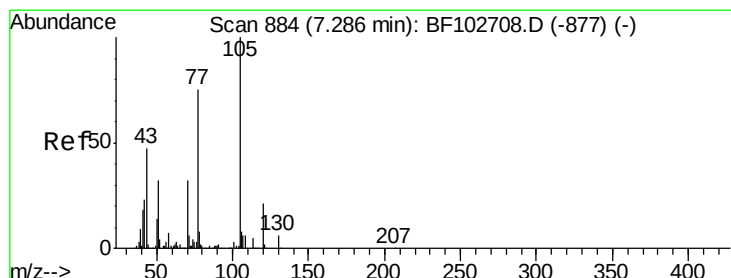
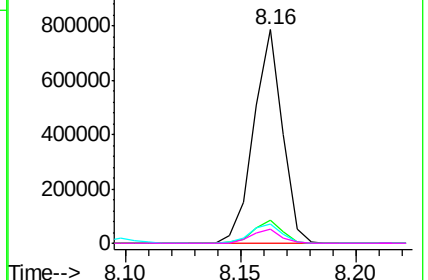
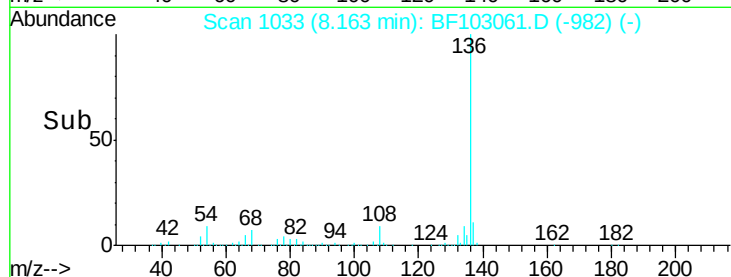


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.00 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Tgt Ion:105 Resp: 652604

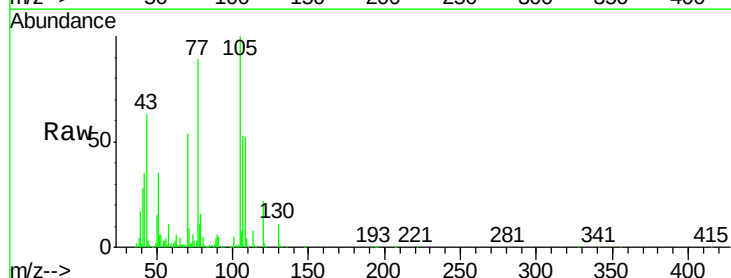
Ion Ratio Lower Upper

105 100

71 9.3 4.4 6.6#

51 34.9 22.3 33.5#

120 22.2 16.9 25.3

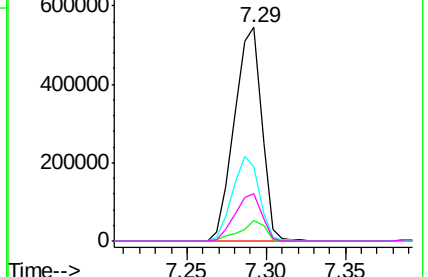
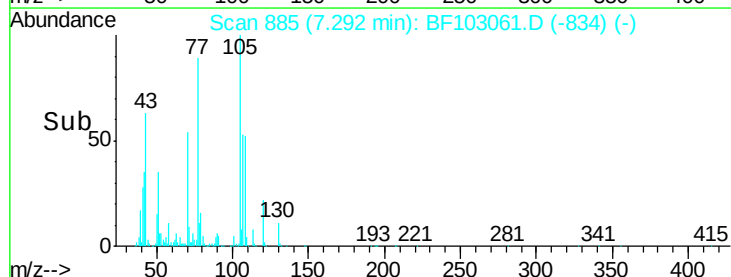


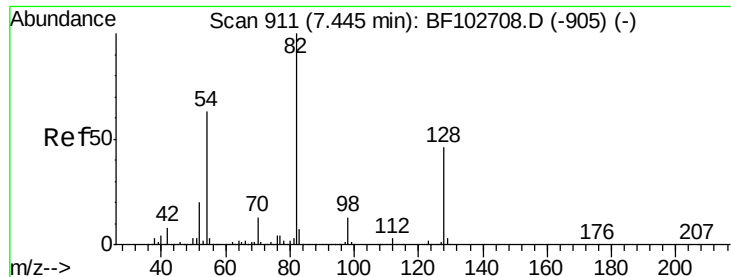
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



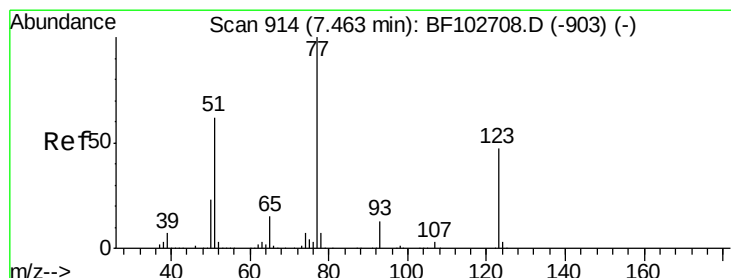
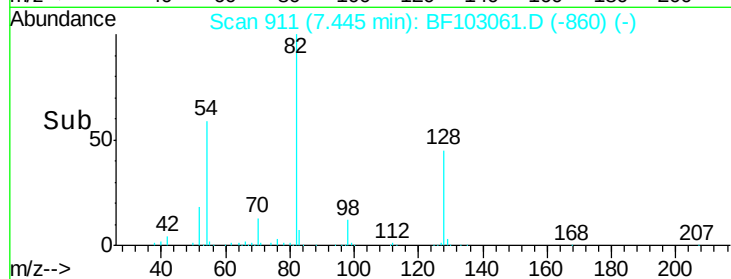
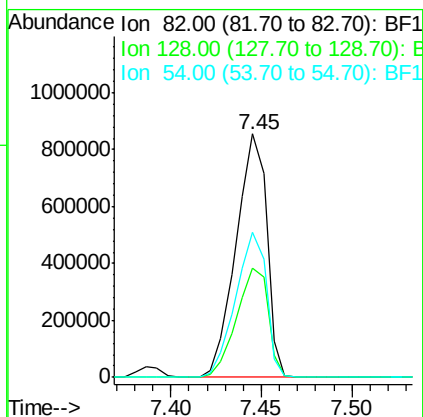
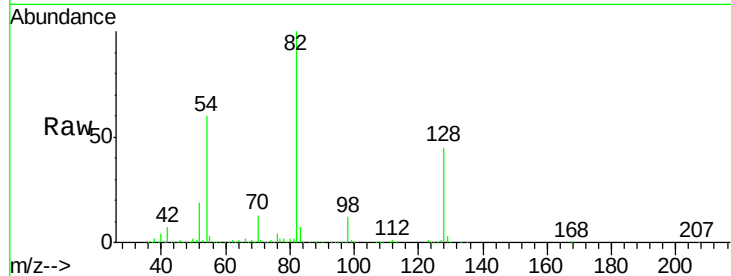


#23
 Nitrobenzene-d5
 Concen: 102.92 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1014517

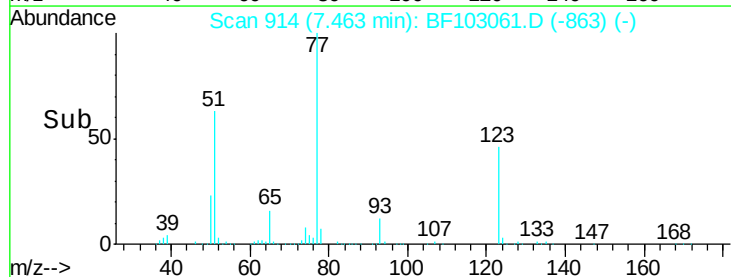
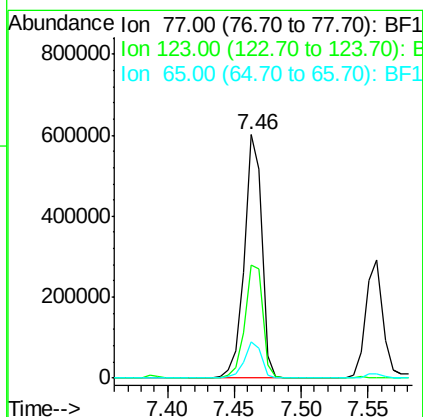
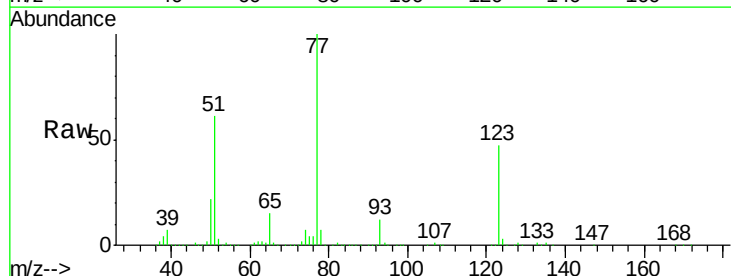
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	59.7	41.4	62.2

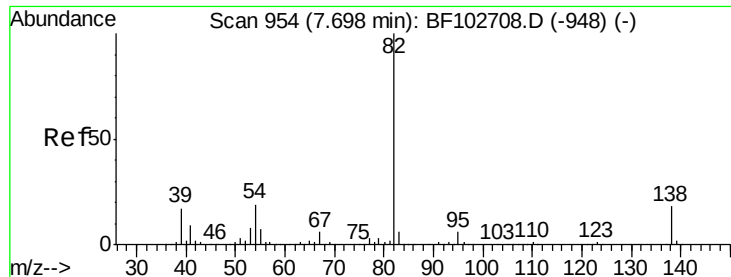


#24
 Nitrobenzene
 Concen: 46.51 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion: 77 Resp: 539281

Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.9	56.9
65	15.0	11.0	16.4





#25

Isophorone

Concen: 43.71 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :

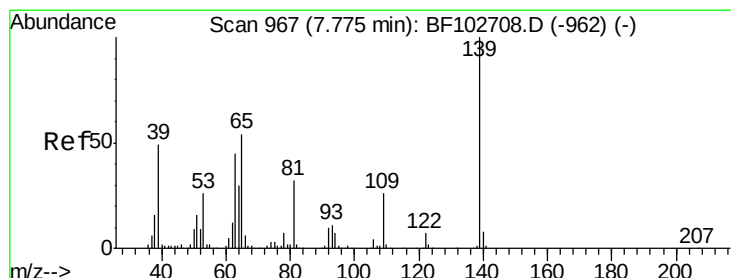
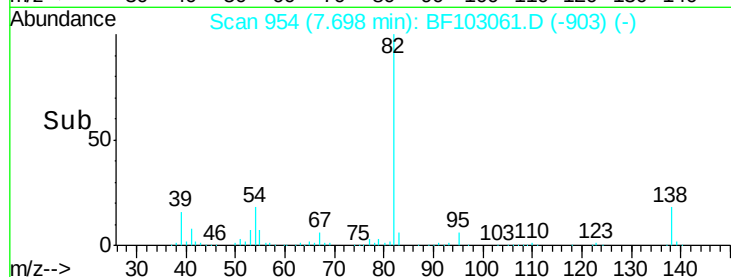
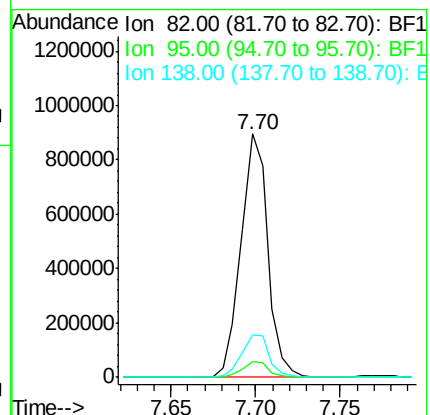
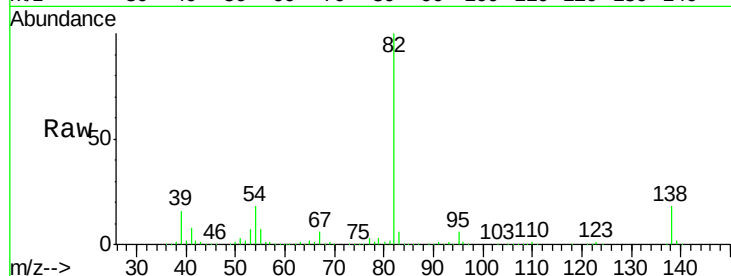
Tot Ion: 82 Resp: 992239

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 51.10 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

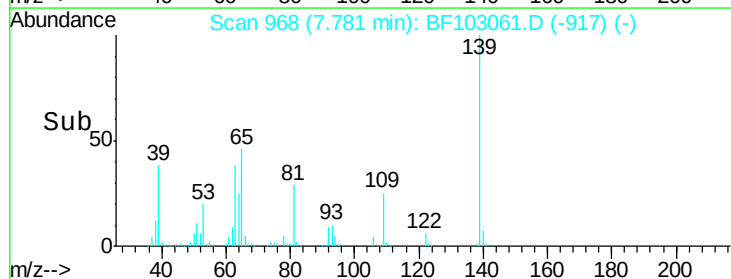
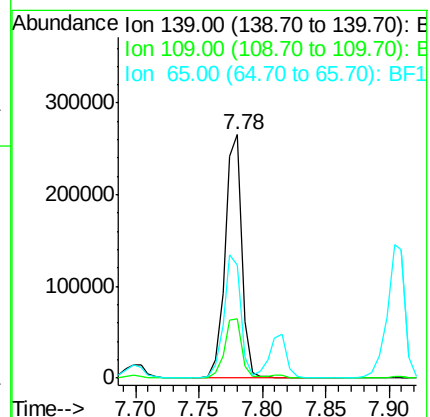
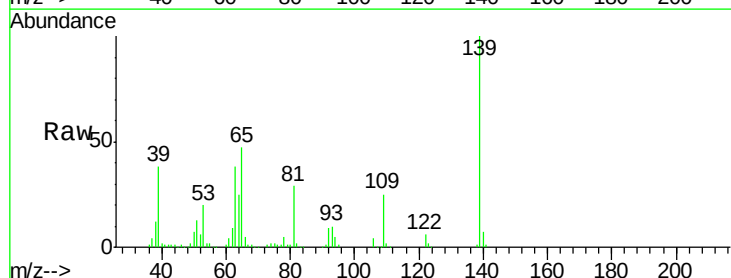
Tgt Ion: 139 Resp: 246670

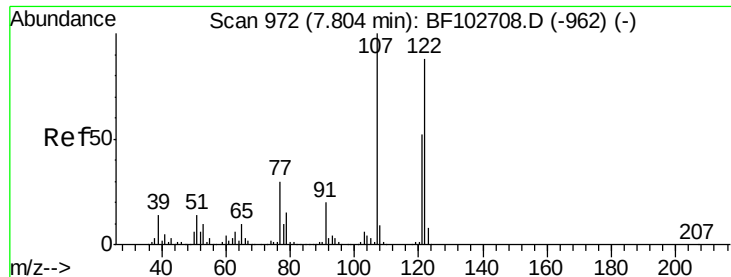
Ion Ratio Lower Upper

139 100

109 24.6 22.7 34.1

65 46.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.64 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

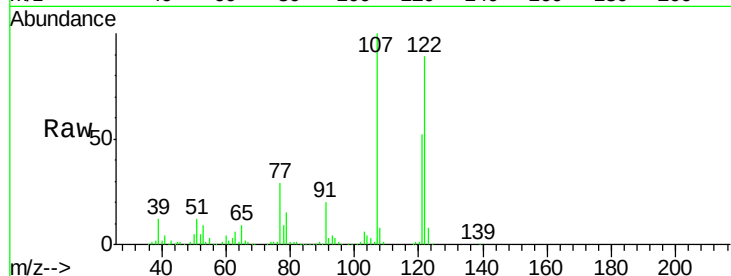
Tot Ion:122 Resp: 437651

Ion Ratio Lower Upper

122 100

107 112.6 91.2 136.8

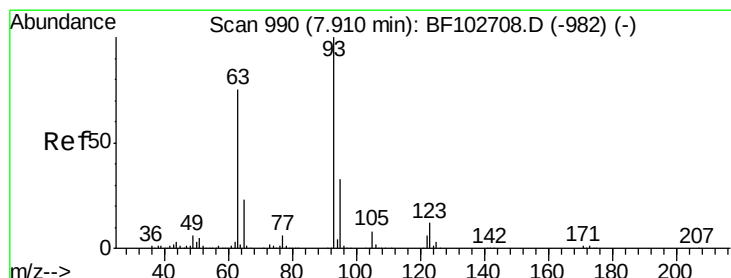
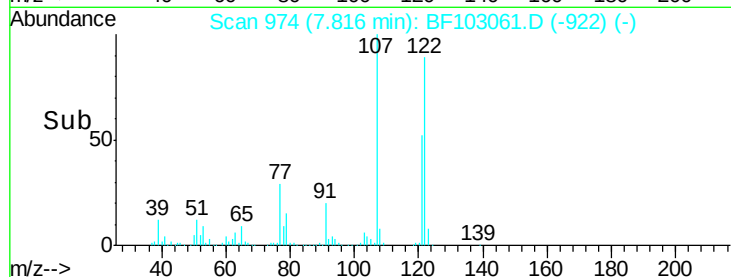
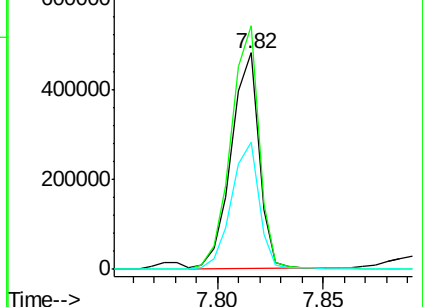
121 58.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.17 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

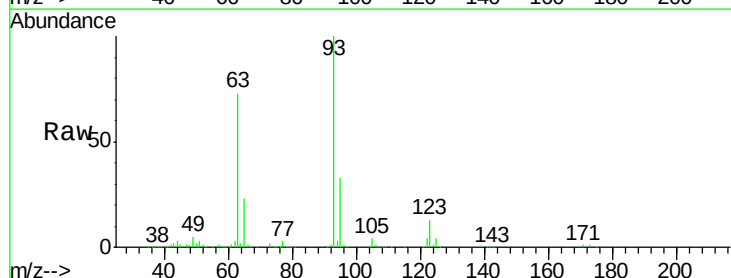
Tgt Ion: 93 Resp: 620778

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

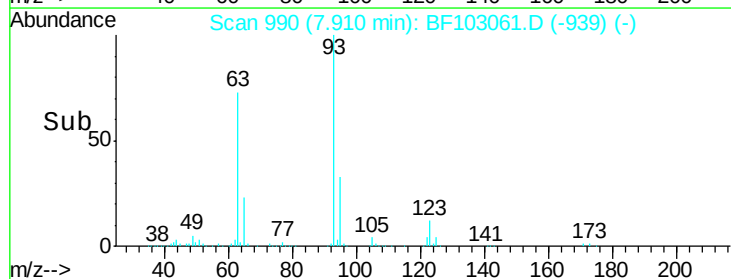
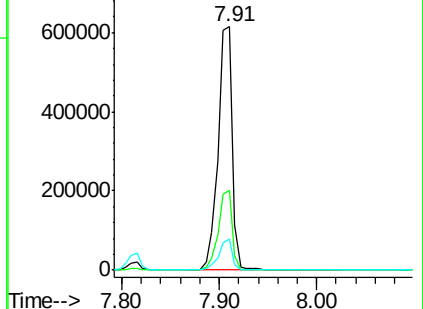
123 12.6 9.8 14.6

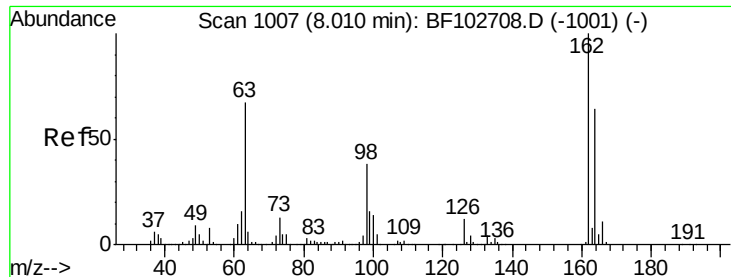


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

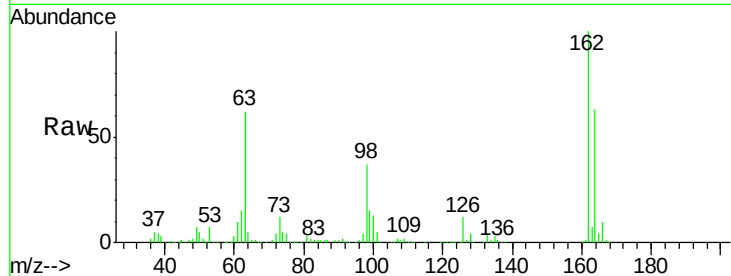




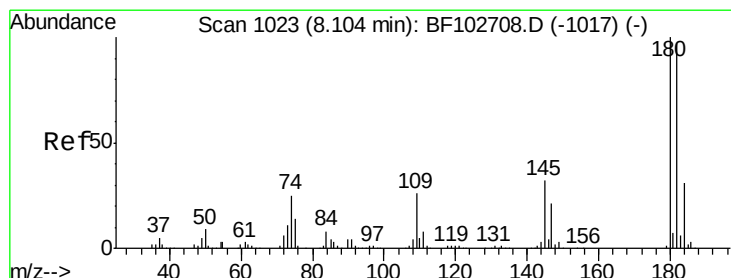
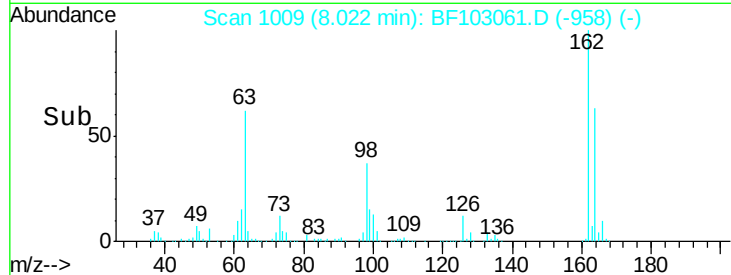
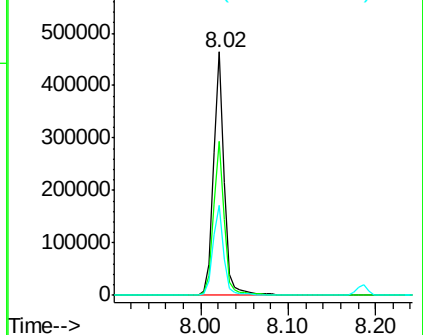
#29
 2,4-Dichlorophenol
 Concen: 45.35 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	395369
Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	37.0	18.1	58.1

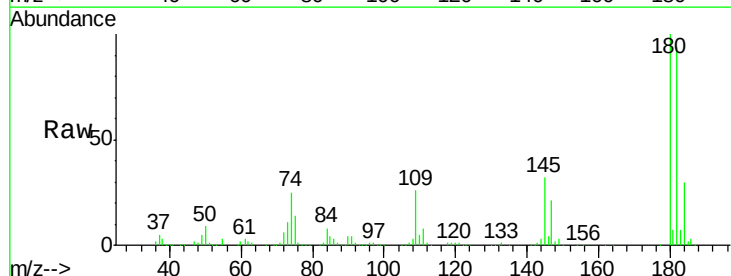


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

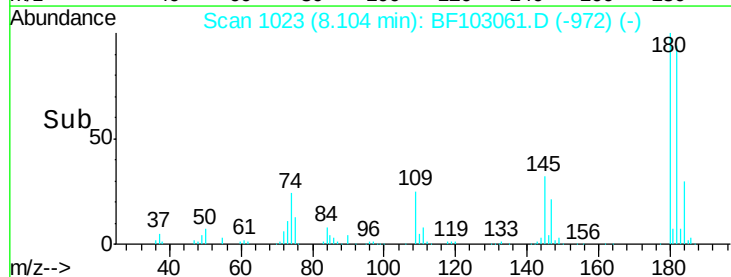
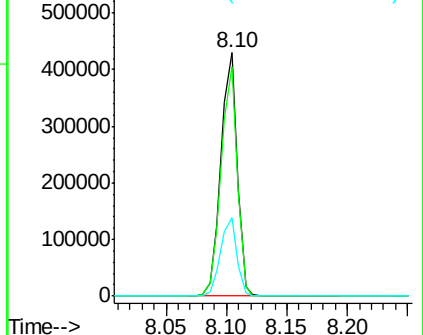


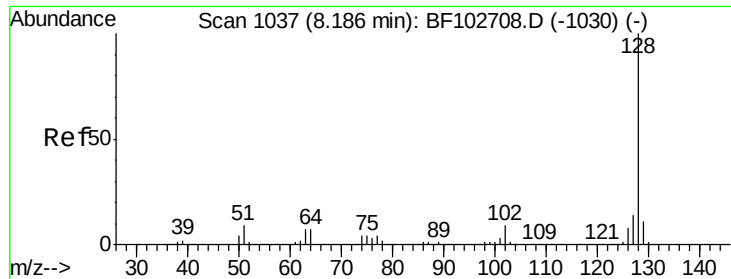
#30
 1,2,4-Trichlorobenzene
 Concen: 40.55 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	180	Resp	399855
Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	32.5	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

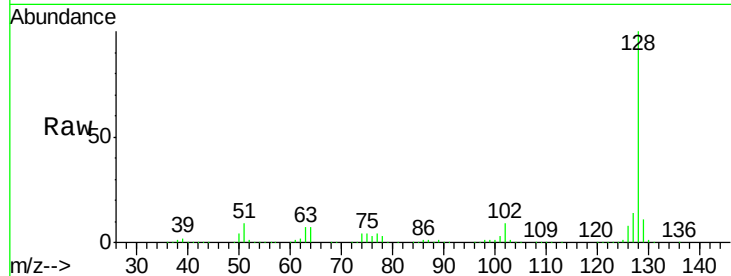




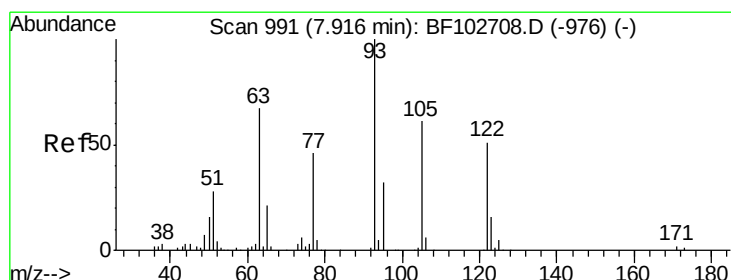
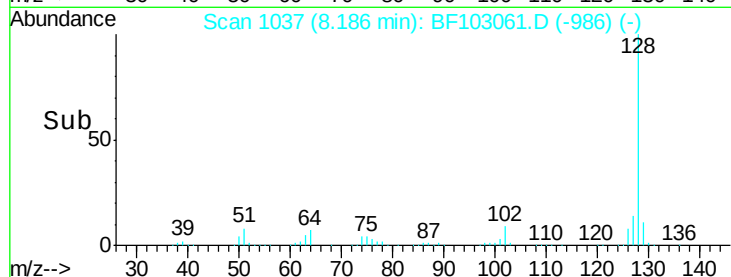
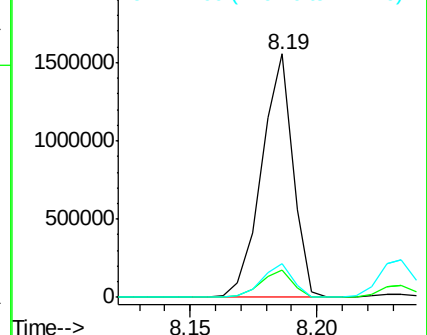
#31
Naphthalene
Concen: 40.37 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1348756
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.6 10.9 16.3

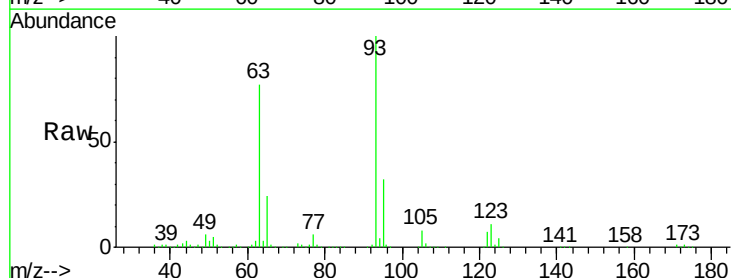


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

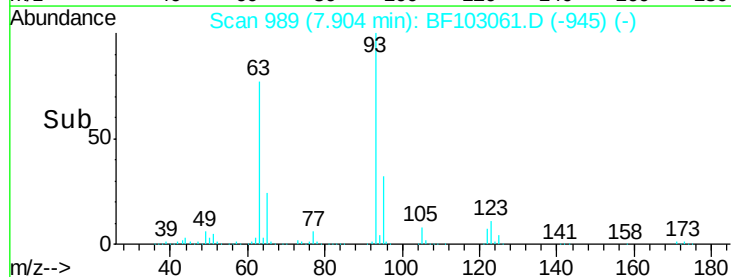
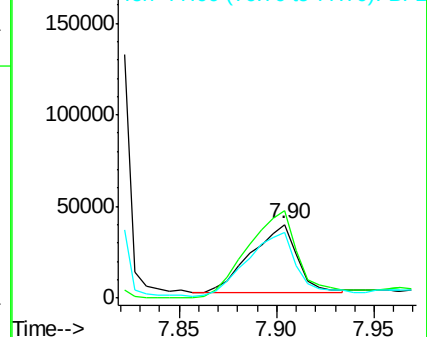


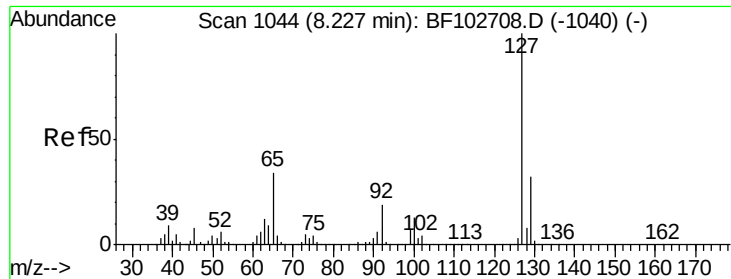
#32
Benzoic acid
Concen: 17.09 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.04 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:122 Resp: 62075
Ion Ratio Lower Upper
122 100
105 119.5 101.1 141.1
77 89.5 70.7 110.7



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

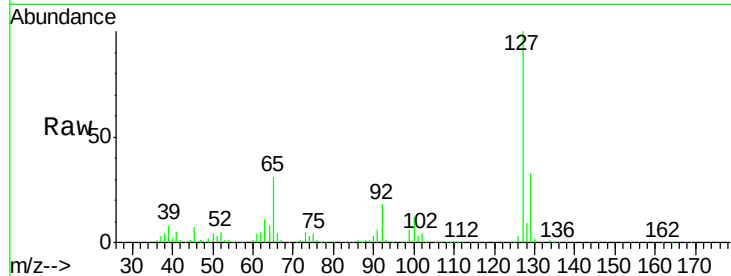




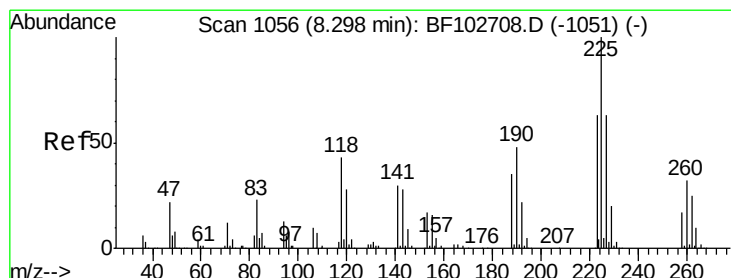
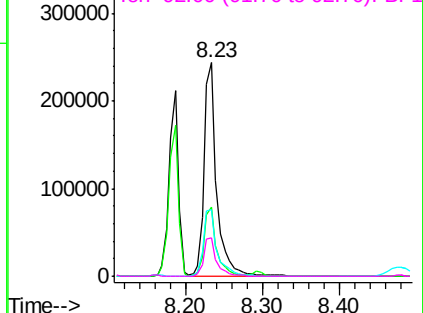
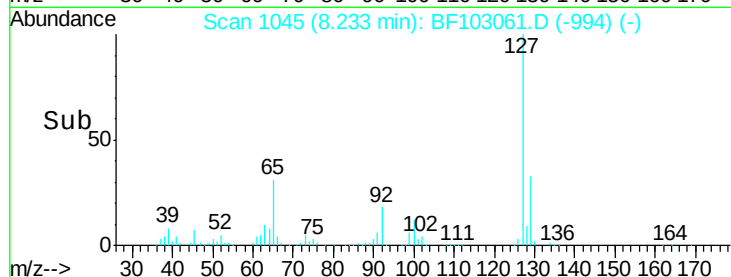
#33
4-Chloroaniline
Concen: 19.31 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	277871
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	31.3	25.0	37.4
92	18.0	15.2	22.8

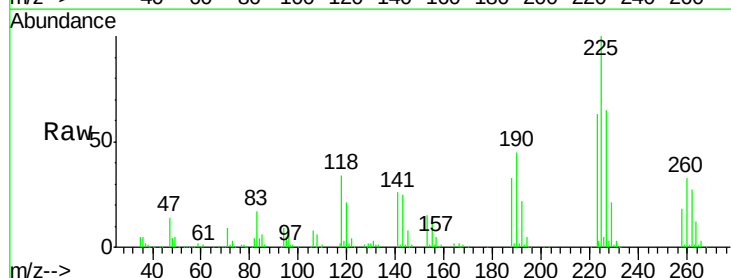


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

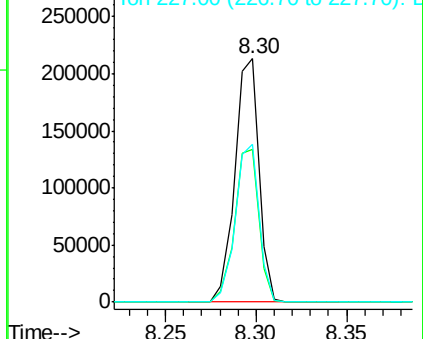
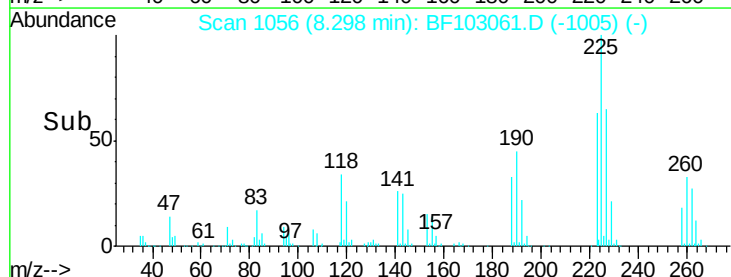


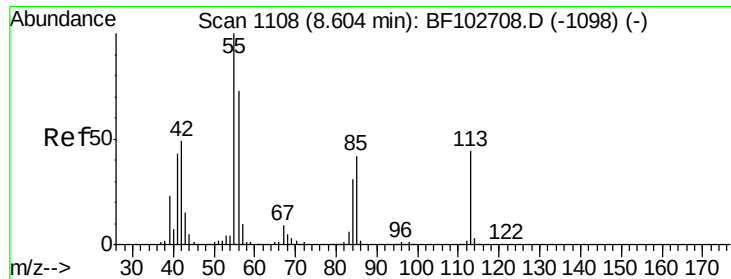
#34
Hexachlorobutadiene
Concen: 39.09 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:	225	Resp:	197515
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.8	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

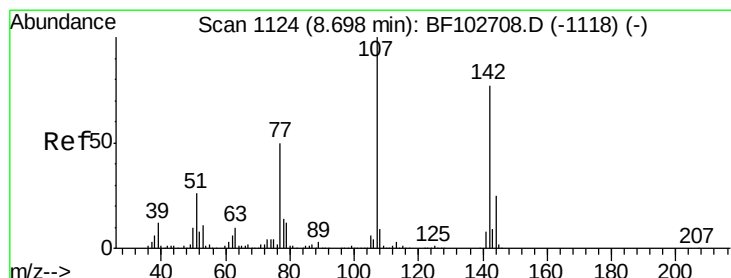
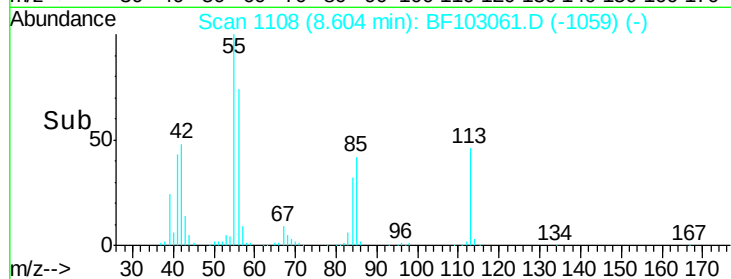
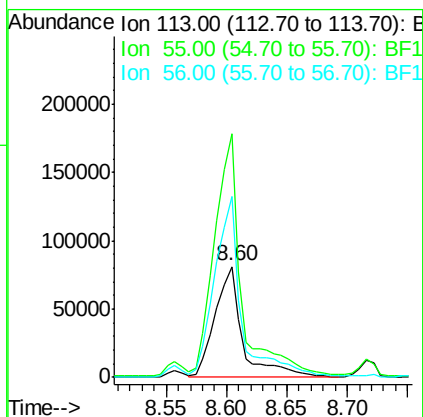
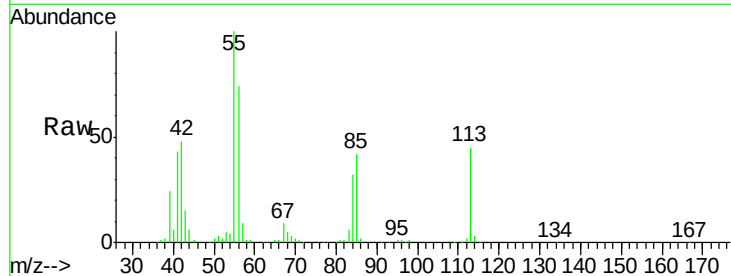




#35
Caprolactam
Concen: 42.61 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

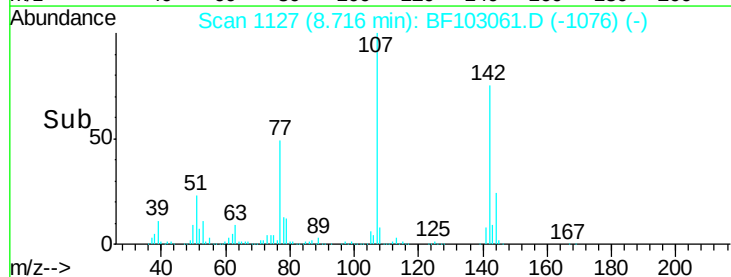
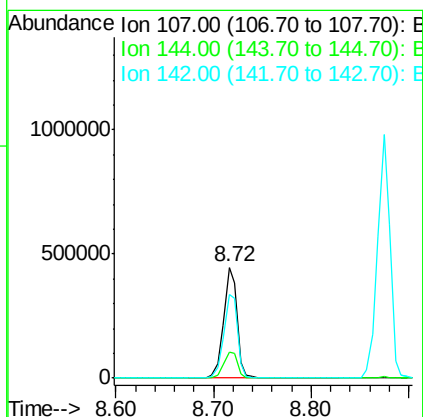
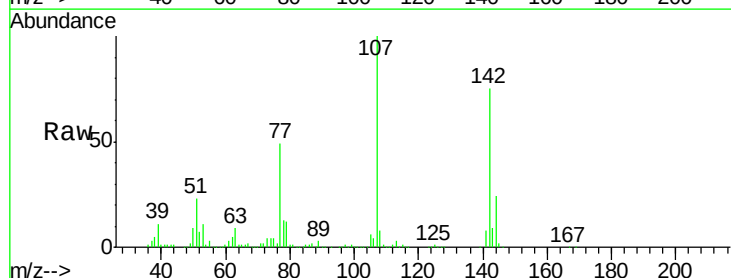
Instrument :
BNA_F
ClientSampled :

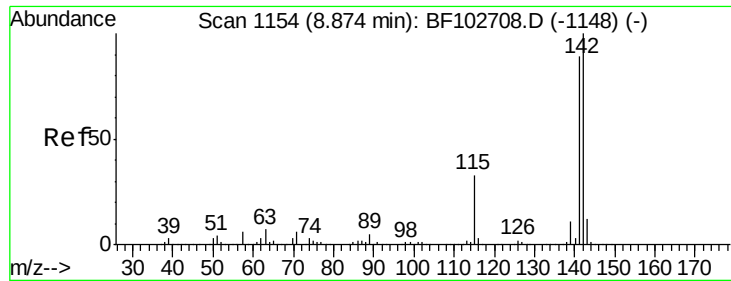
Tot Ion:113 Resp: 128995
Ion Ratio Lower Upper
113 100
55 220.0 163.3 203.3#
56 162.9 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 43.58 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:107 Resp: 426832
Ion Ratio Lower Upper
107 100
144 23.9 20.5 30.7
142 75.2 62.0 93.0

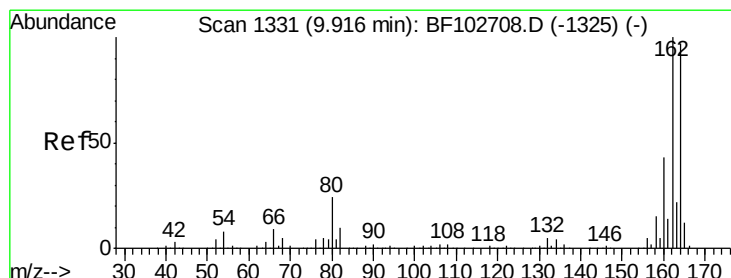
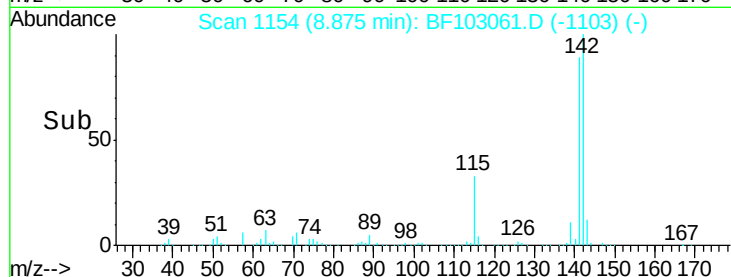
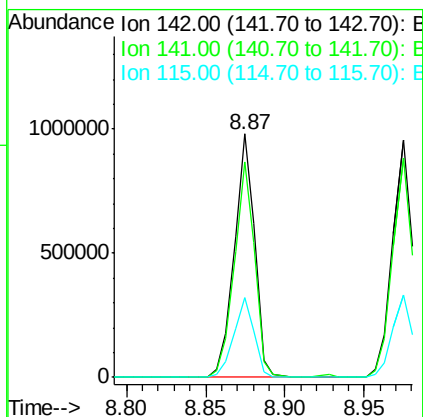
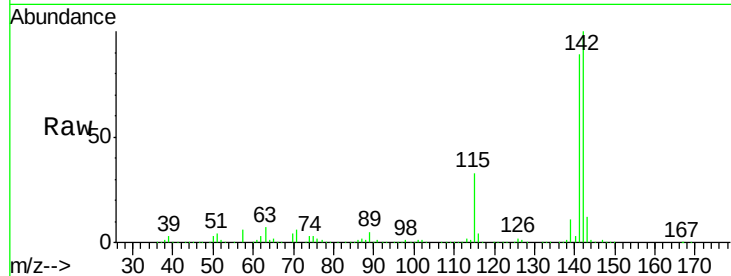




#37
2-Methylnaphthalene
Concen: 40.06 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

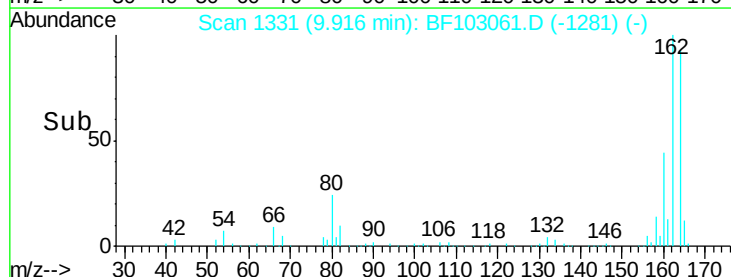
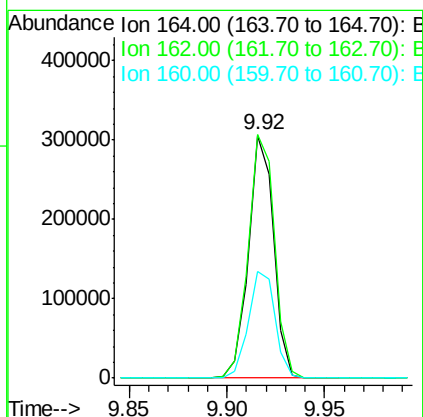
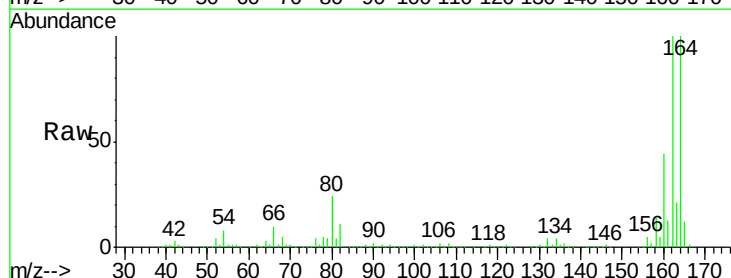
Instrument :
BNA_F
ClientSampled :

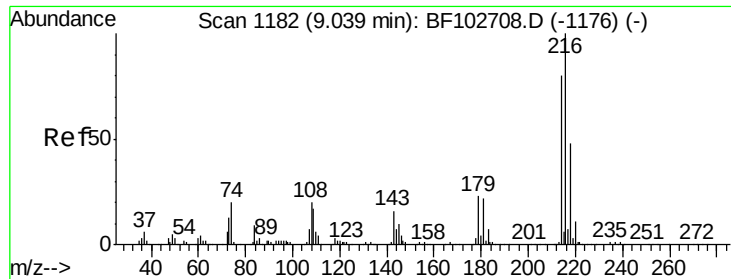
Tot Ion:142 Resp: 876261
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 32.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:164 Resp: 272159
Ion Ratio Lower Upper
164 100
162 100.3 86.1 129.1
160 44.1 38.3 57.5

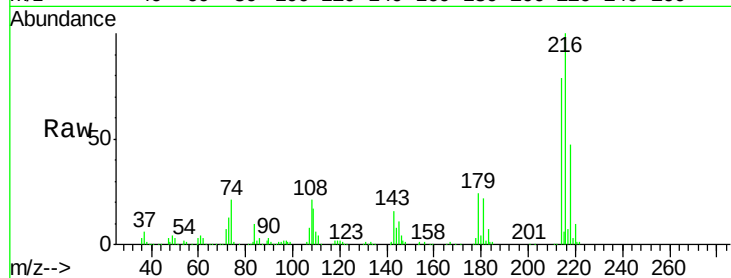




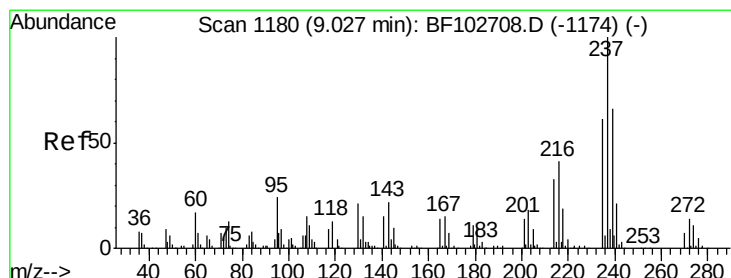
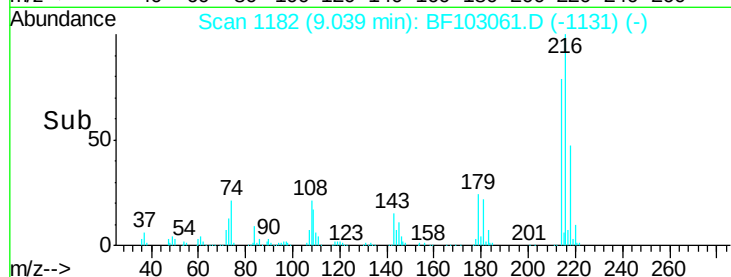
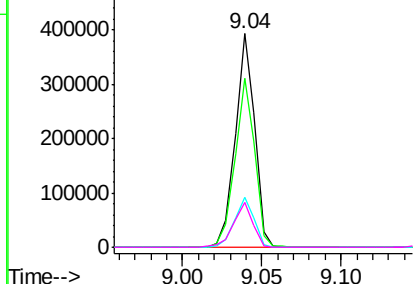
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.00 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	333499
Ion Ratio	Lower	Upper
216	100	
214	80.1	63.0 94.4
179	23.6	18.1 27.1
108	21.3	17.2 25.8

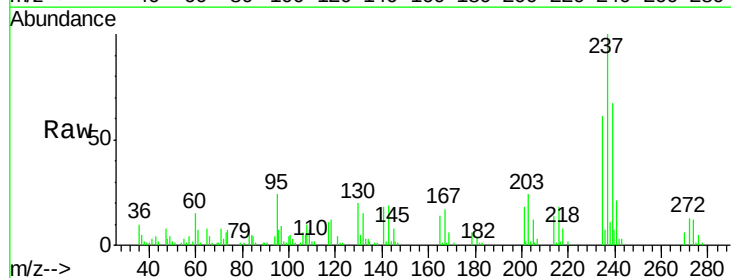


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

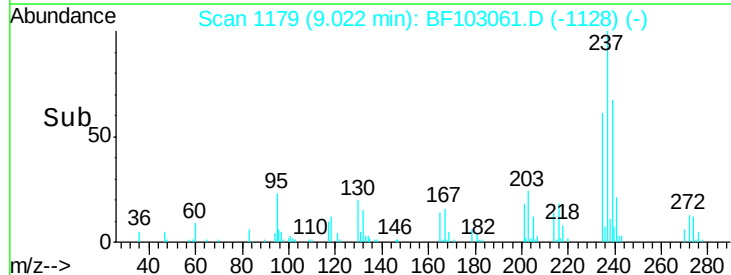
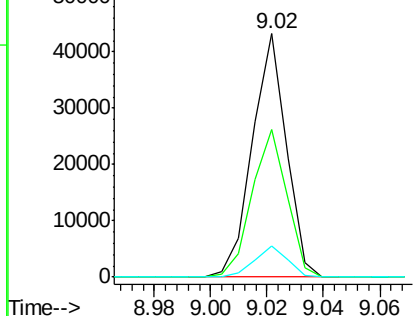


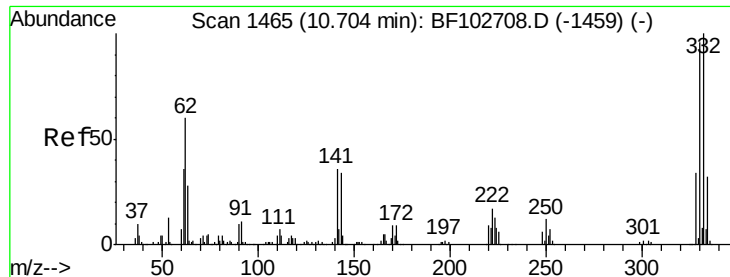
#40
 Hexachlorocyclopentadiene
 Concen: 10.26 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion:237	Resp:	36133
Ion Ratio	Lower	Upper
237	100	
235	60.9	44.8 84.8
272	13.0	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

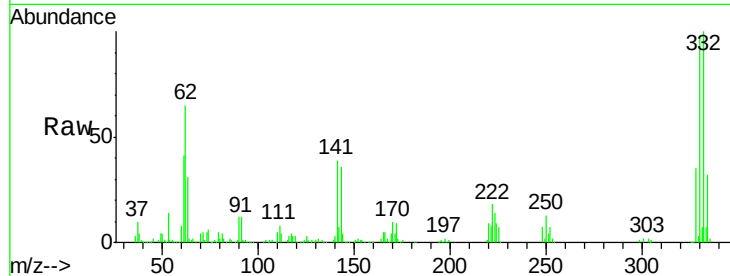




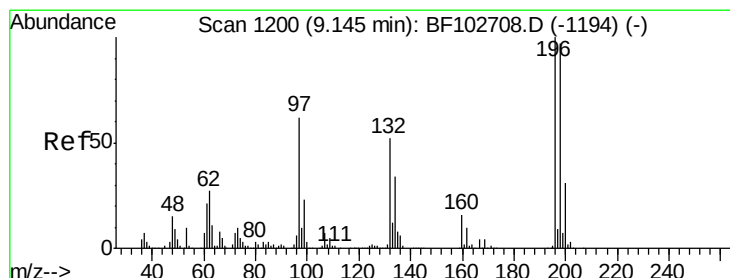
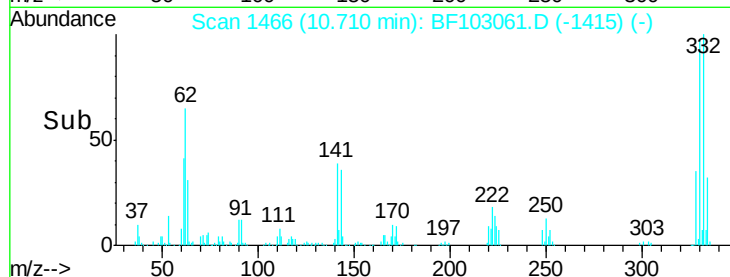
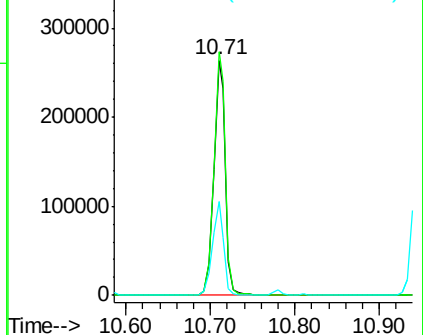
#41
 2,4,6-Tribromophenol
 Concen: 118.37 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 259304
 Ion Ratio Lower Upper
 330 100
 332 102.8 77.0 115.6
 141 39.1 29.9 44.9

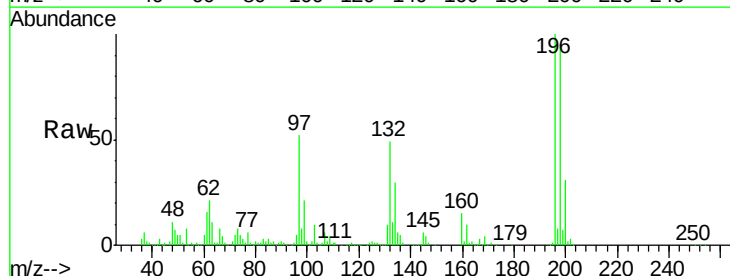


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

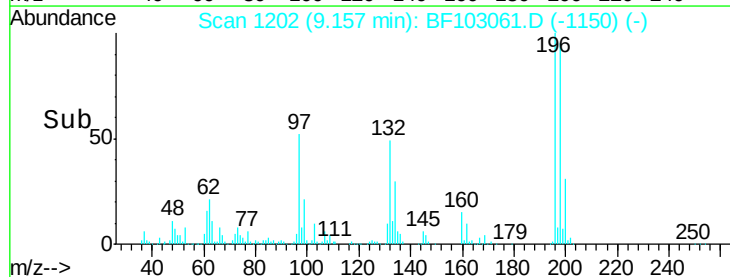
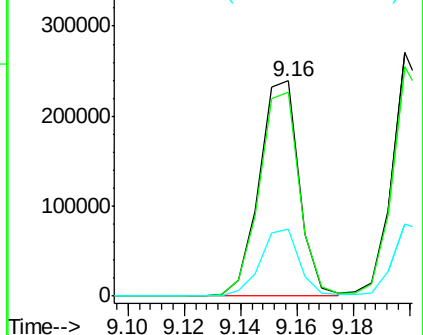


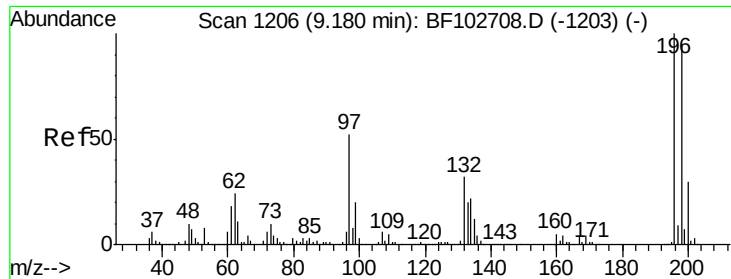
#42
 2,4,6-Trichlorophenol
 Concen: 48.42 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion:196 Resp: 235677
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 31.0 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

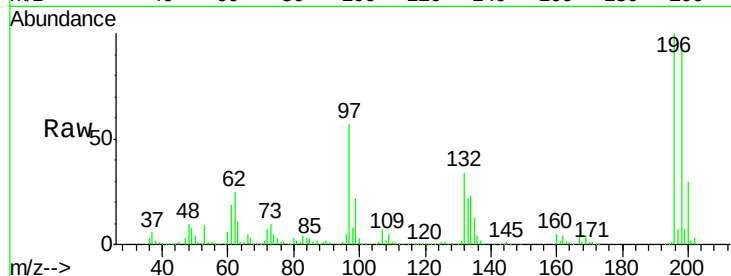




#43
 2,4,5-Trichlorophenol
 Concen: 44.51 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	56.5	42.9	64.3
132	34.3	26.3	39.5



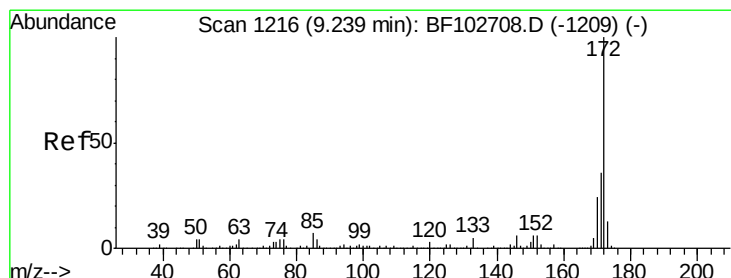
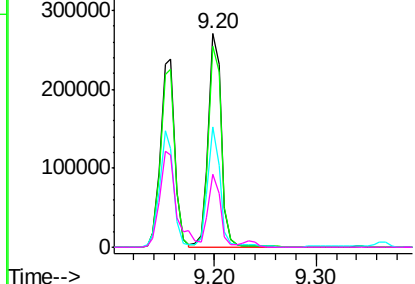
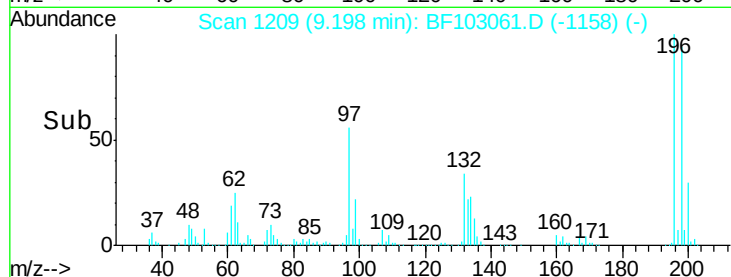
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

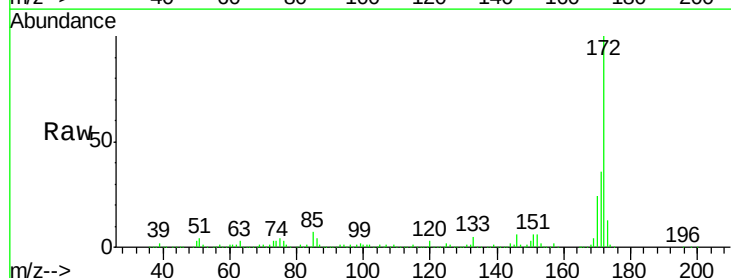
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.20 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

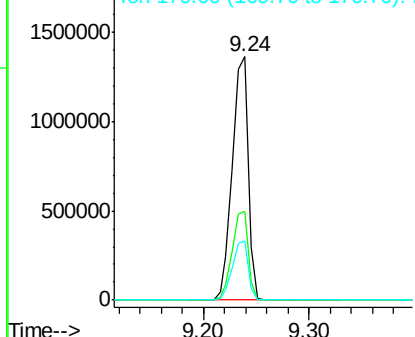
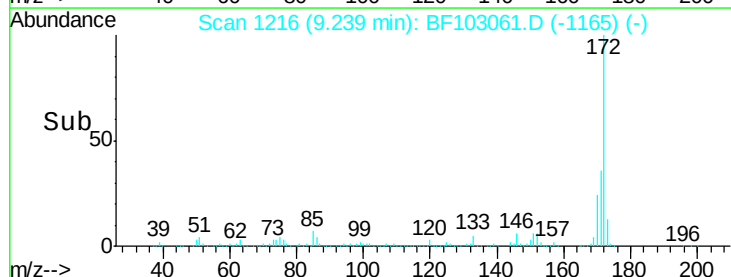


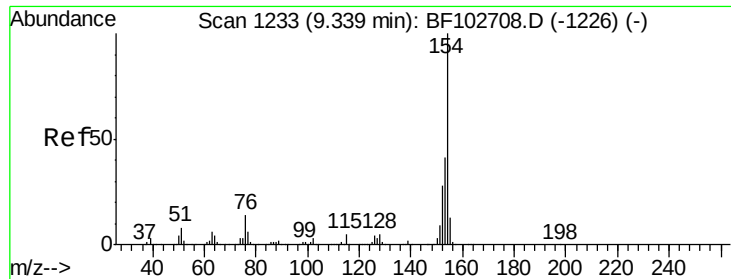
Abundance

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: 42.13 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

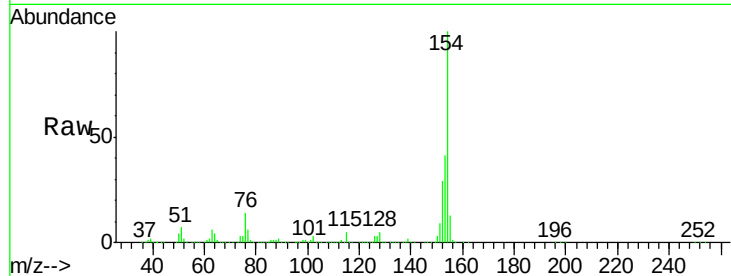
Tot Ion:154 Resp: 965856

Ion Ratio Lower Upper

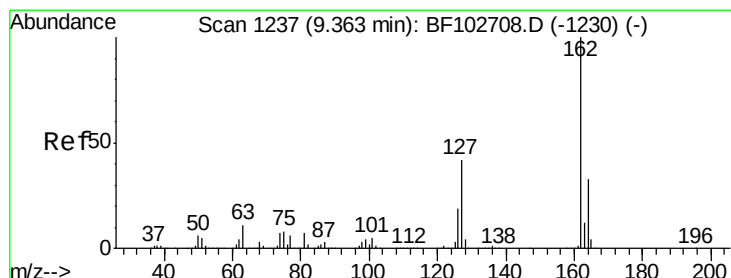
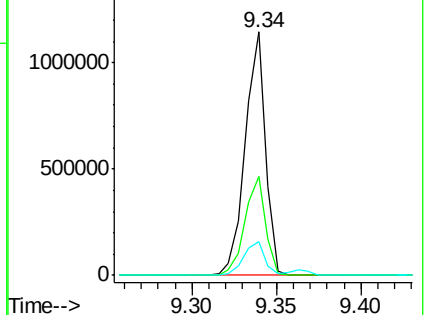
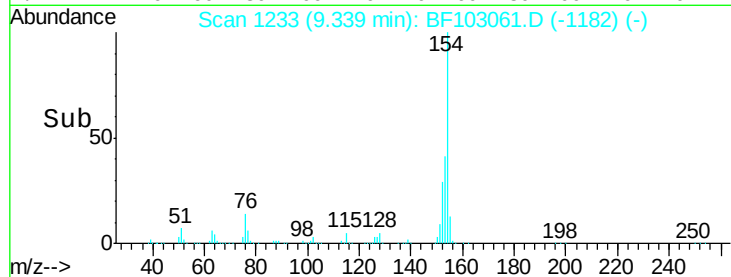
154 100

153 40.5 21.3 61.3

76 13.6 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 42.20 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

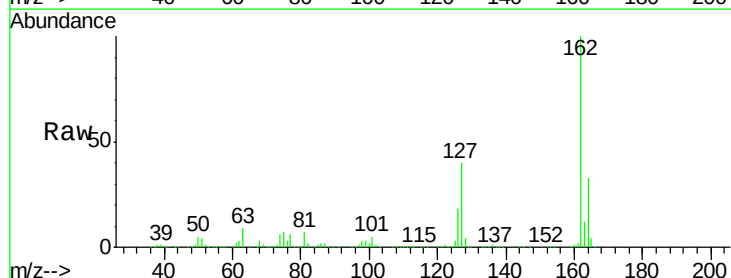
Tgt Ion:162 Resp: 761491

Ion Ratio Lower Upper

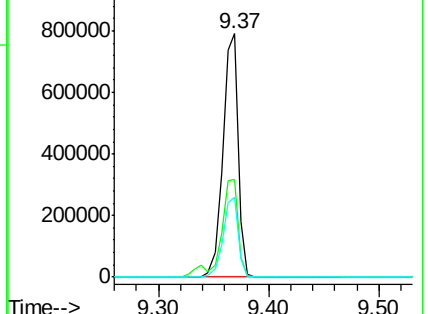
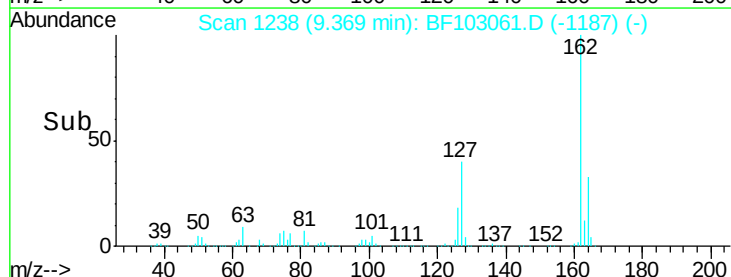
162 100

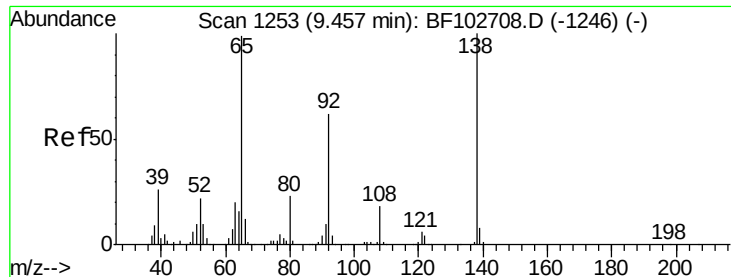
127 40.1 33.9 50.9

164 32.9 26.5 39.7



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

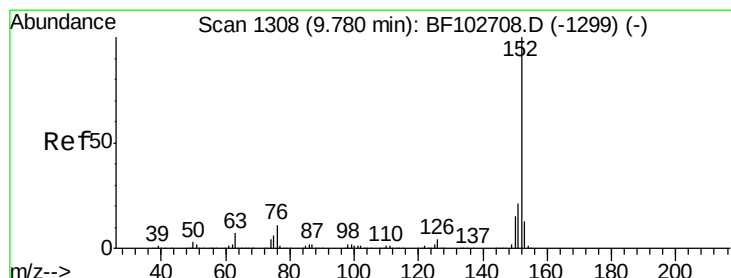
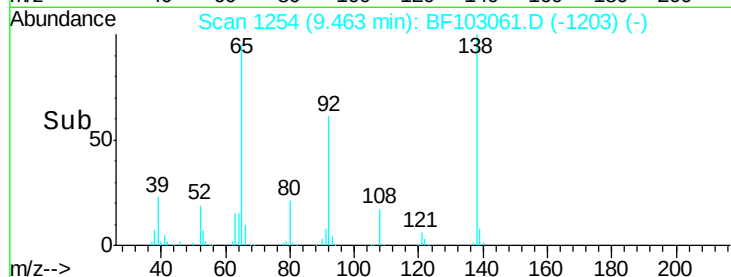
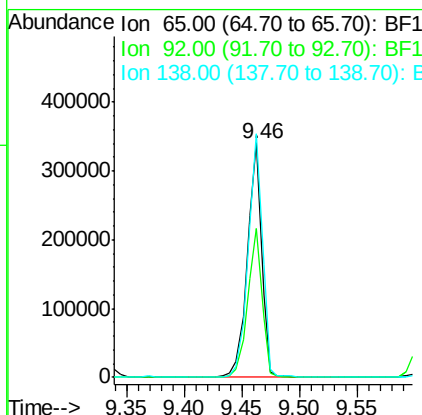
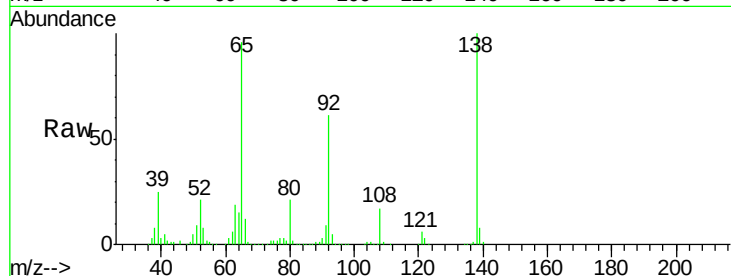




#47
2-Nitroaniline
Concen: 52.67 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

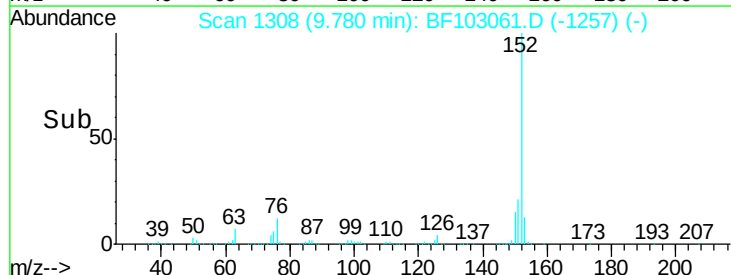
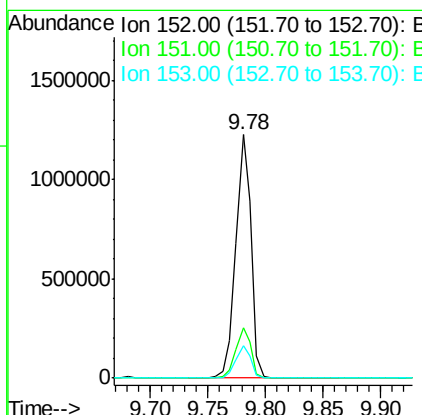
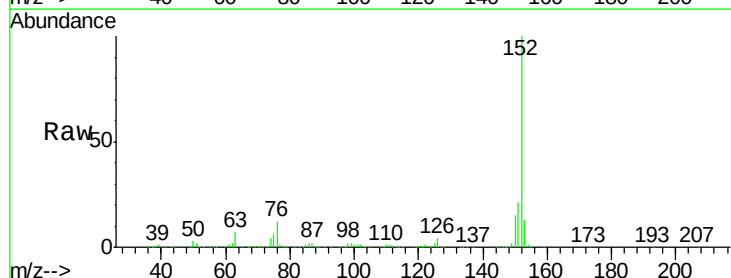
Instrument :
BNA_F
ClientSampled :

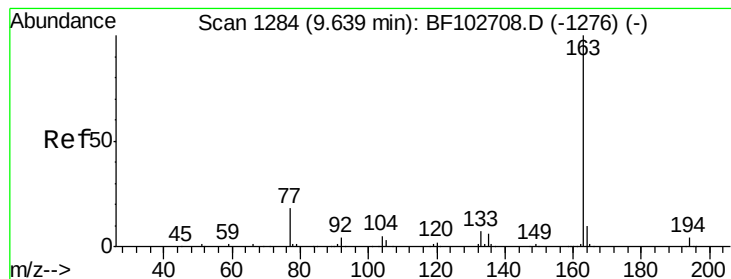
Tot Ion: 65 Resp: 295323
Ion Ratio Lower Upper
65 100
92 63.7 55.8 83.6
138 104.0 91.2 136.8



#48
Acenaphthylene
Concen: 39.80 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion: 152 Resp: 1115672
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 48.00 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampled :

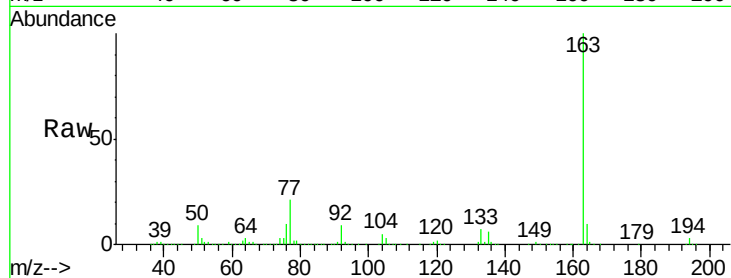
Tot Ion:163 Resp: 1018573

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

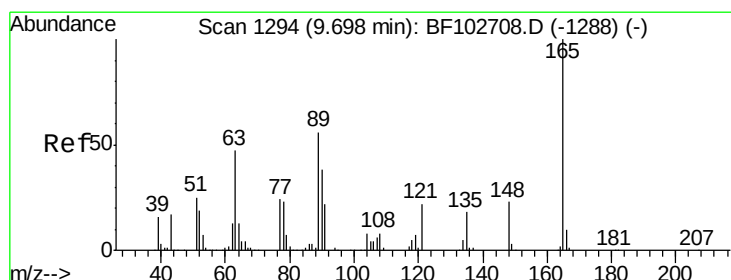
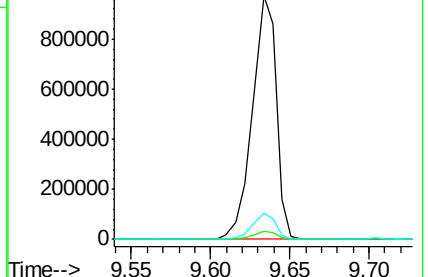
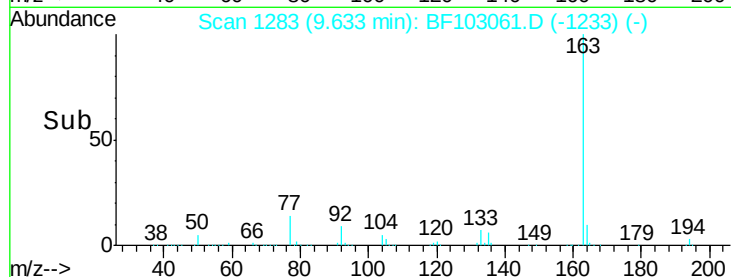
164 10.5 8.2 12.2



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: 46.29 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

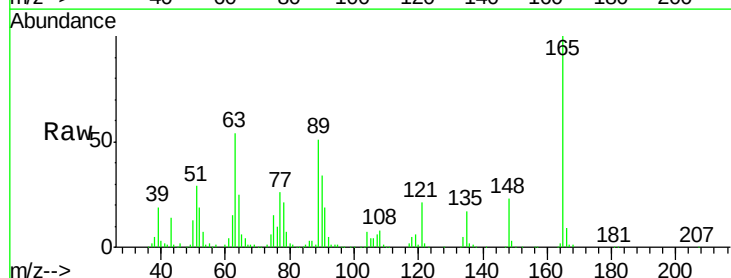
Tgt Ion:165 Resp: 186880

Ion Ratio Lower Upper

165 100

63 54.3 44.7 67.1

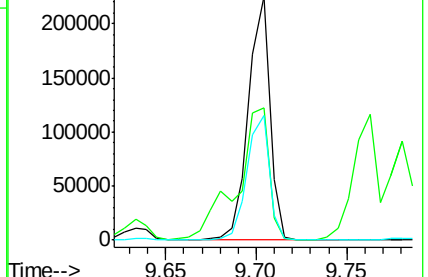
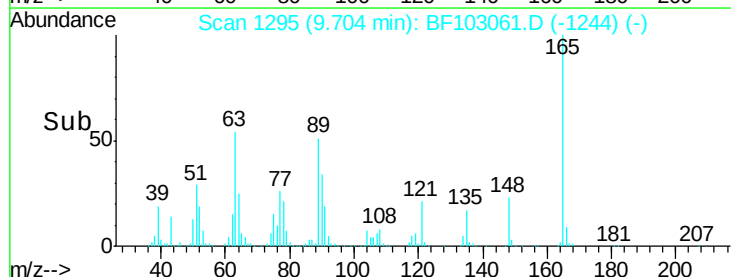
89 51.1 44.0 66.0

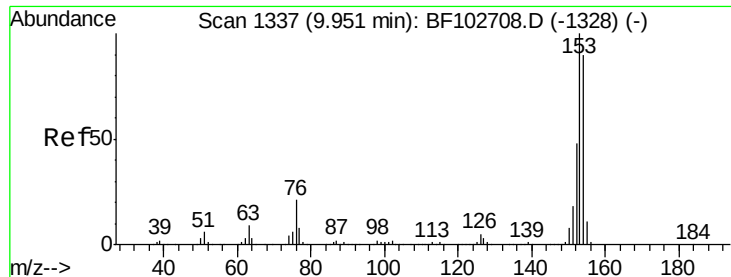


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.39 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

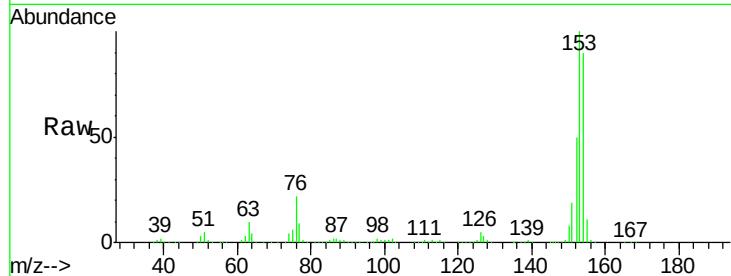
Tot Ion:154 Resp: 643484

Ion Ratio Lower Upper

154 100

153 111.2 91.2 136.8

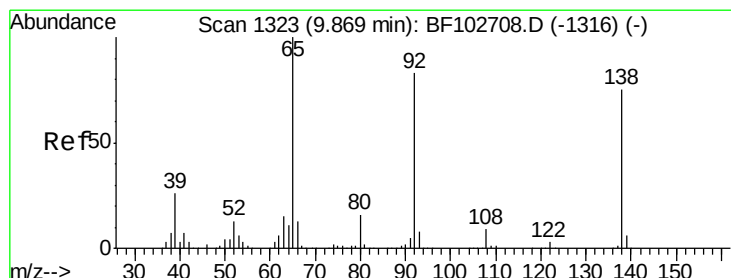
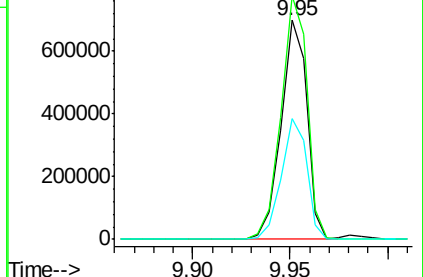
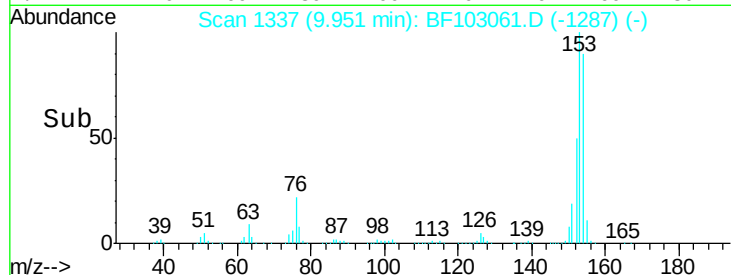
152 55.0 43.8 65.8



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: 41.22 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

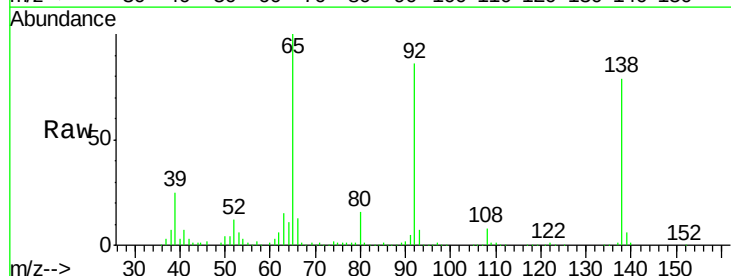
Tgt Ion:138 Resp: 204749

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

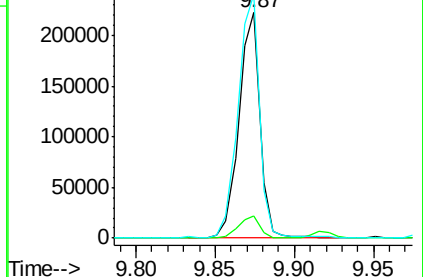
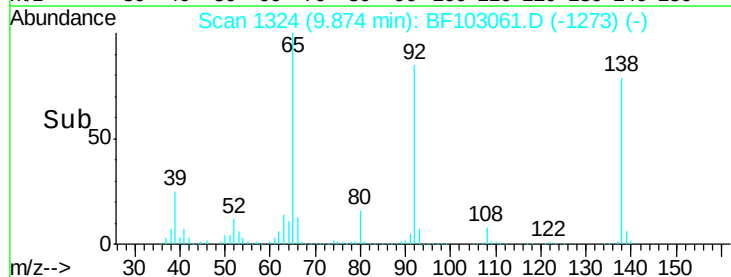
92 108.2 89.4 134.2

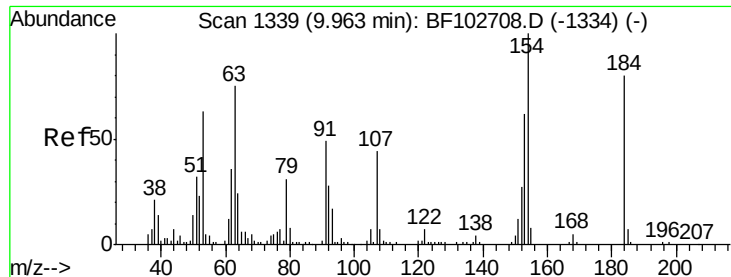


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

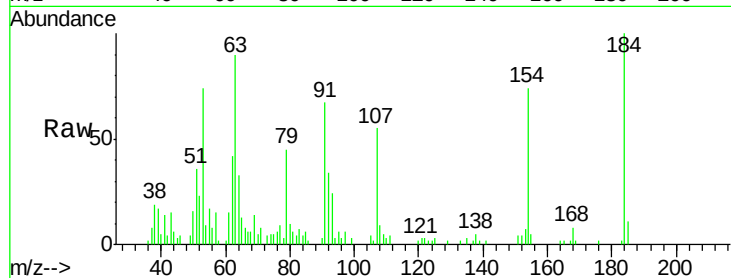




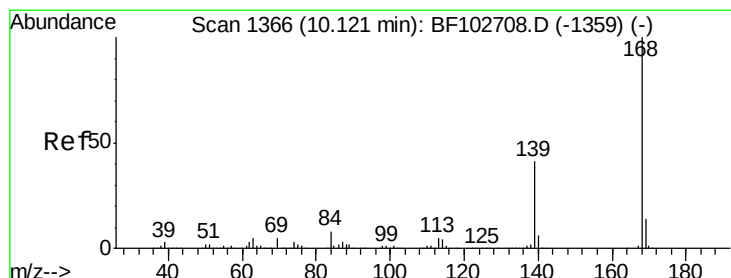
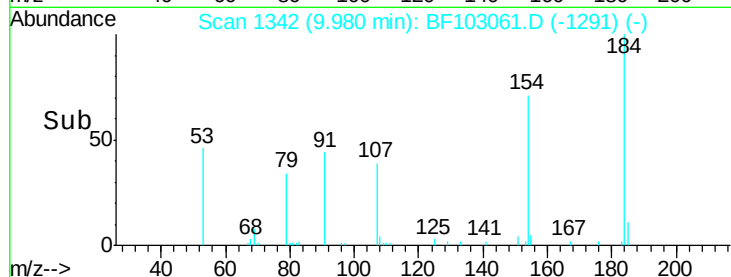
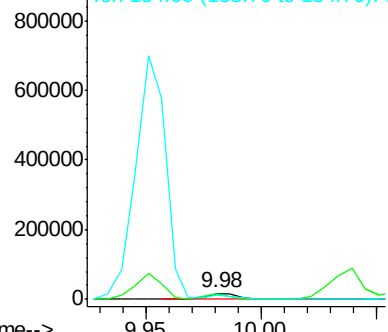
#53
2,4-Dinitrophenol
Concen: 26.96 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 17224
Ion Ratio Lower Upper
184 100
63 90.2 54.2 81.2#
154 73.5 184.0 276.0#

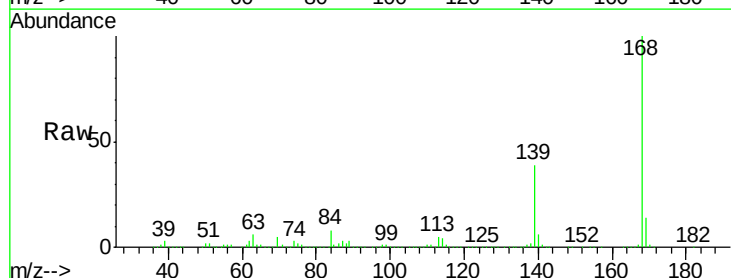


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

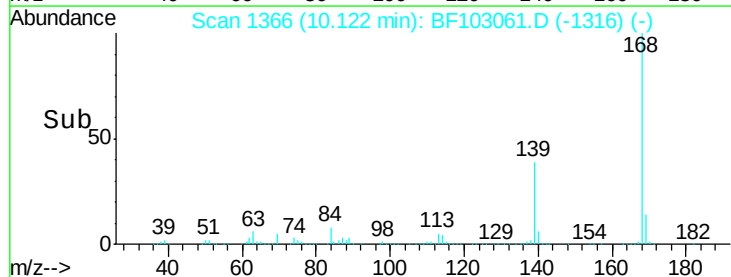
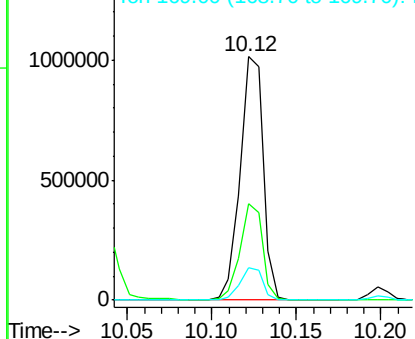


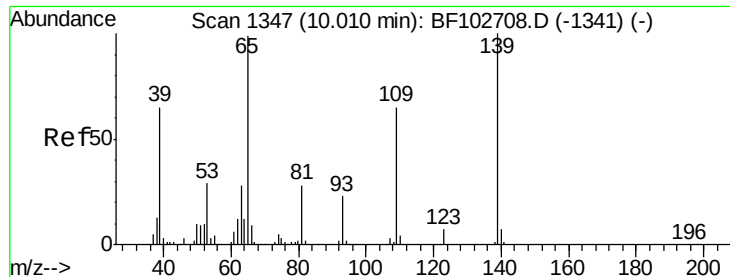
#54
Dibenzofuran
Concen: 40.98 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:168 Resp: 968114
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 13.5 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

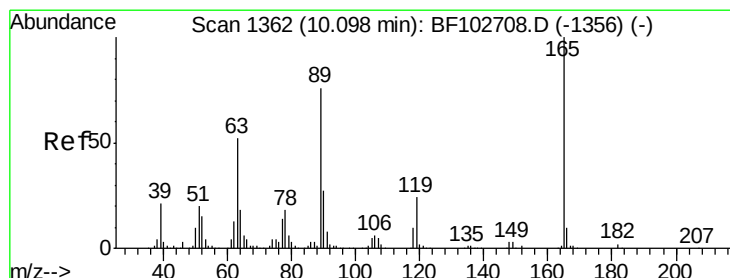
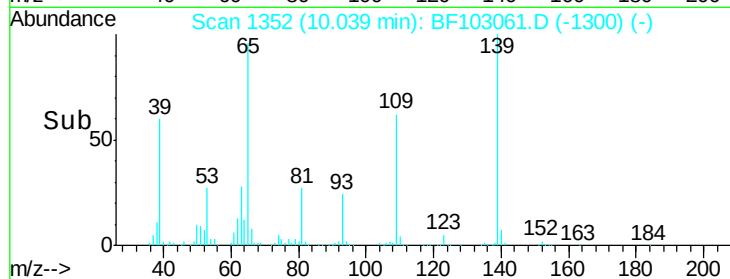
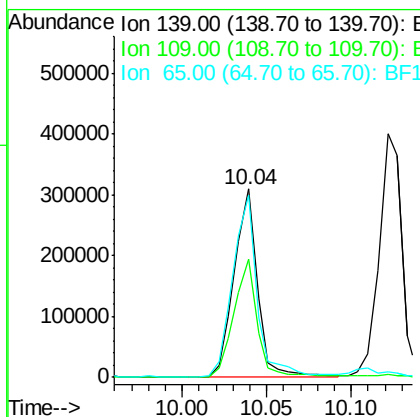
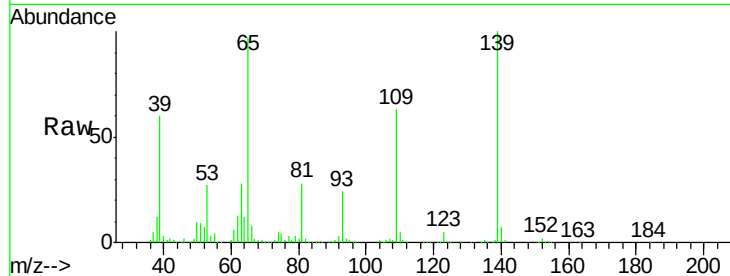




#55
4-Nitrophenol
Concen: 73.97 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

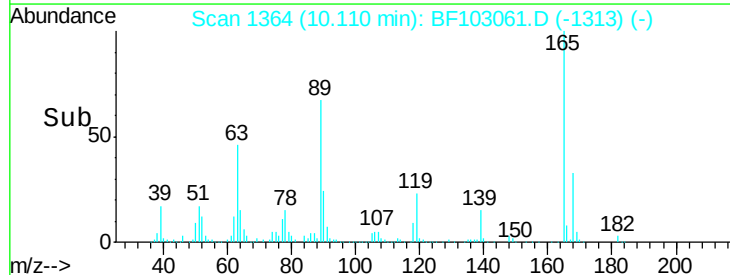
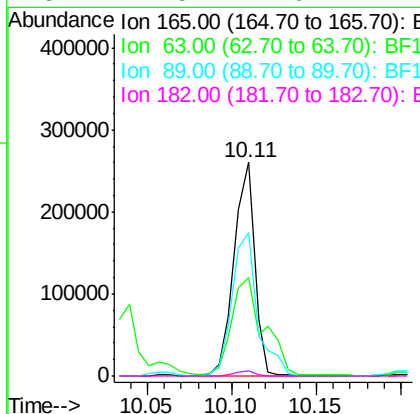
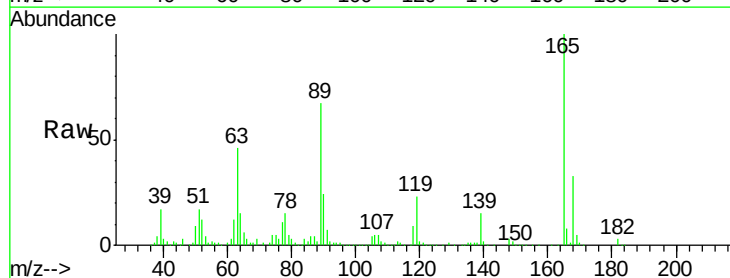
Instrument :
BNA_F
ClientSampleId :

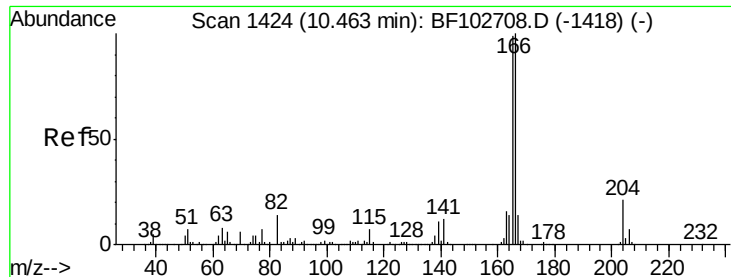
Tot Ion:139 Resp: 300654
Ion Ratio Lower Upper
139 100
109 62.5 48.4 88.4
65 96.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.52 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:165 Resp: 222389
Ion Ratio Lower Upper
165 100
63 46.0 36.4 54.6
89 67.0 57.8 86.6
182 2.5 1.6 2.4#

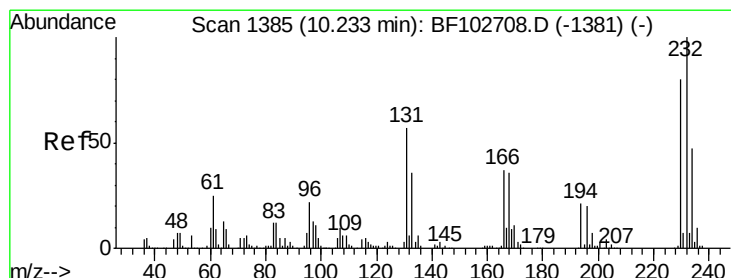
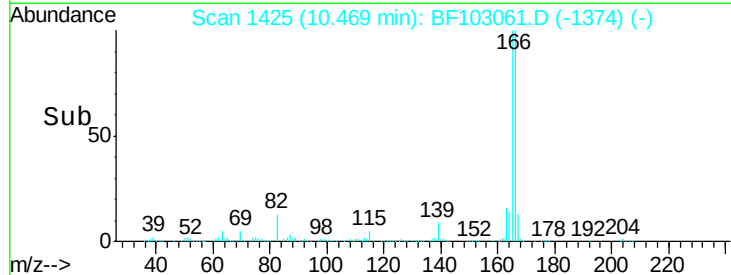
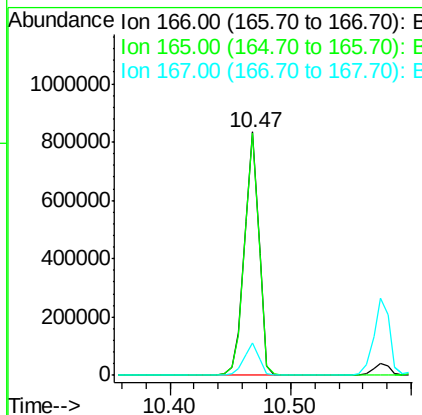
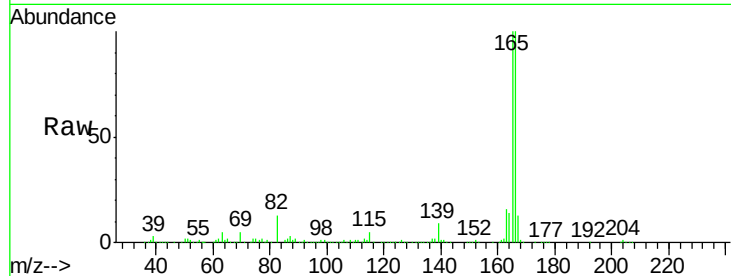




#57
 Fluorene
 Concen: 41.20 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

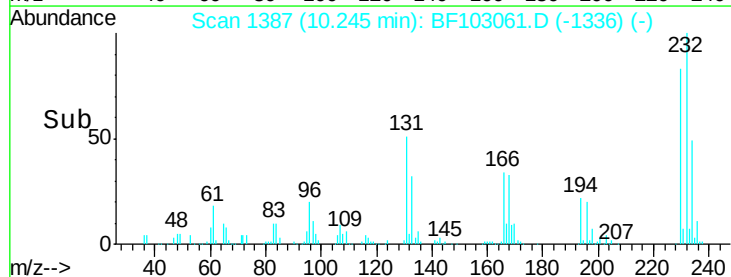
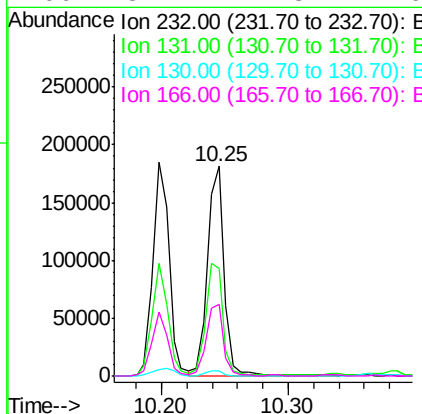
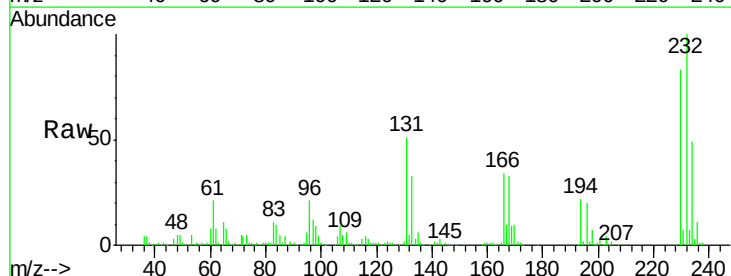
Instrument :
 BNA_F
 ClientSampled :

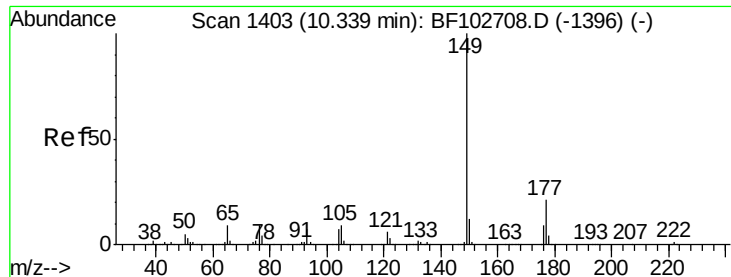
Tot Ion:166 Resp: 708133
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.11 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion:232 Resp: 167728
 Ion Ratio Lower Upper
 232 100
 131 55.1 43.8 65.8
 130 2.7 2.1 3.1
 166 34.4 27.8 41.6

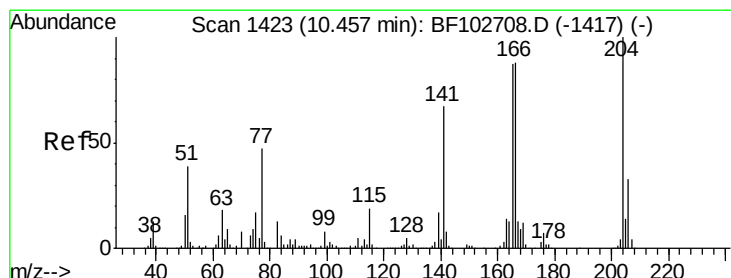
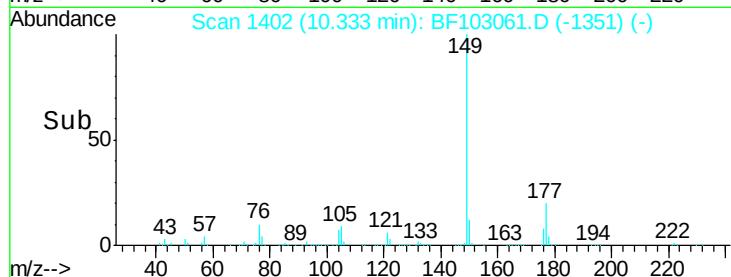
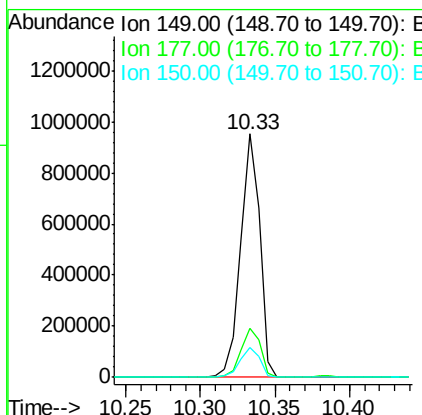
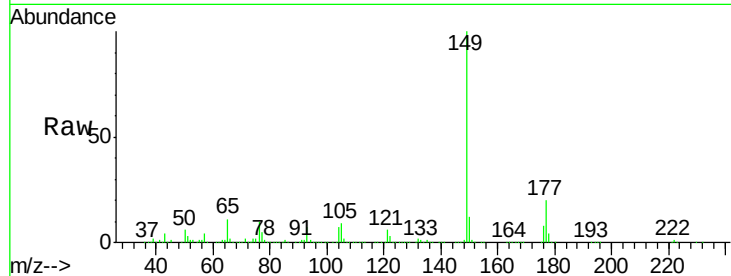




#59
Diethylphthalate
Concen: 40.71 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

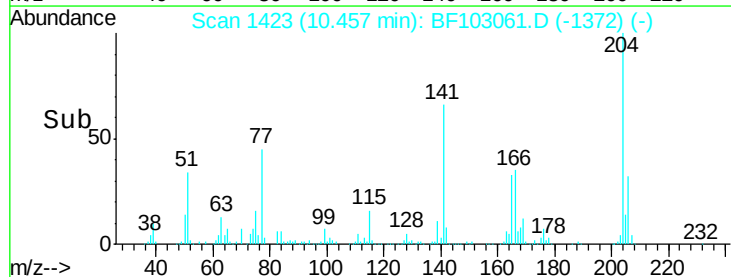
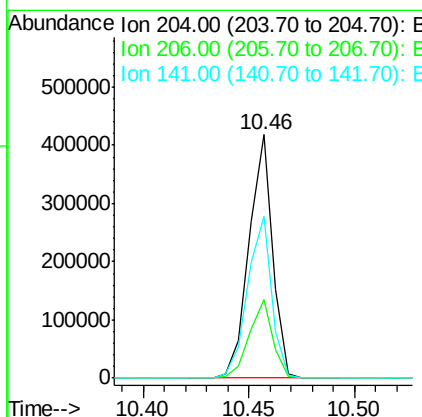
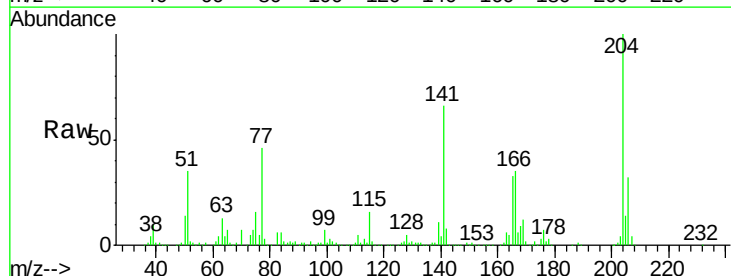
Instrument :
BNA_F
ClientSampleId :

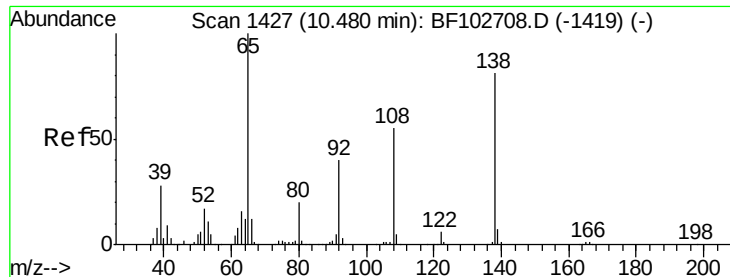
Tot Ion:149 Resp: 852990
Ion Ratio Lower Upper
149 100
177 20.2 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.81 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:204 Resp: 325462
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 66.5 54.6 81.8

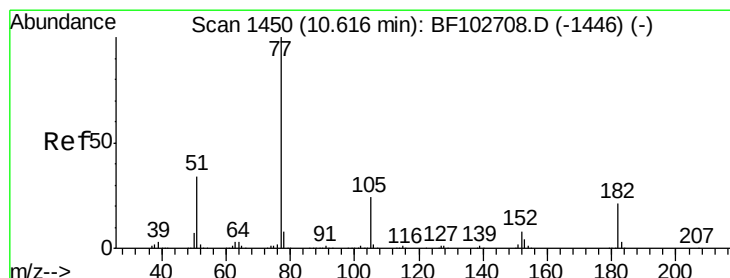
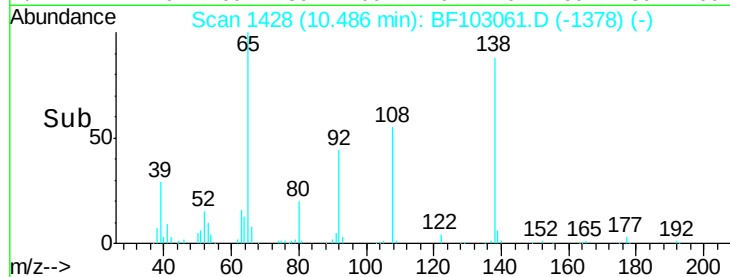
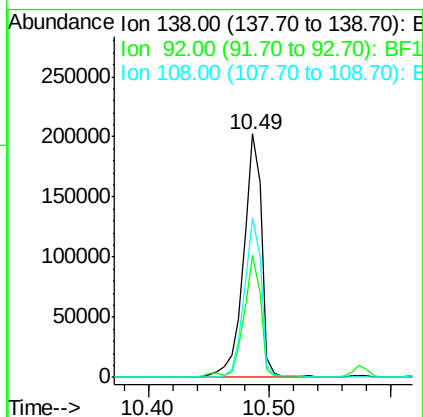
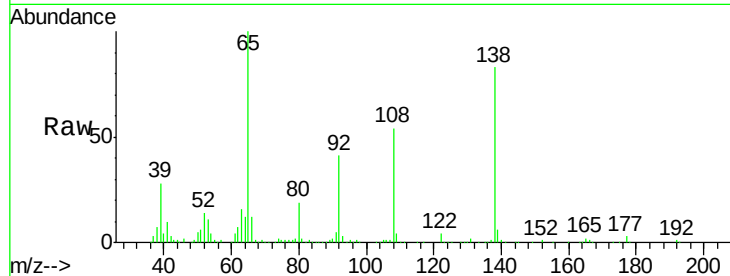




#61
4-Nitroaniline
Concen: 44.88 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

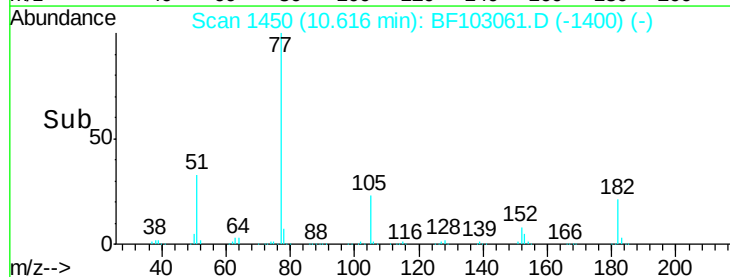
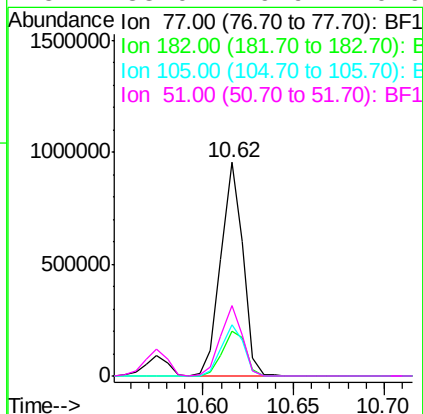
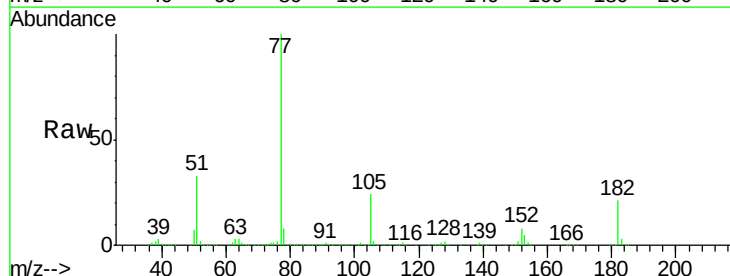
Instrument :
BNA_F
ClientSampled :

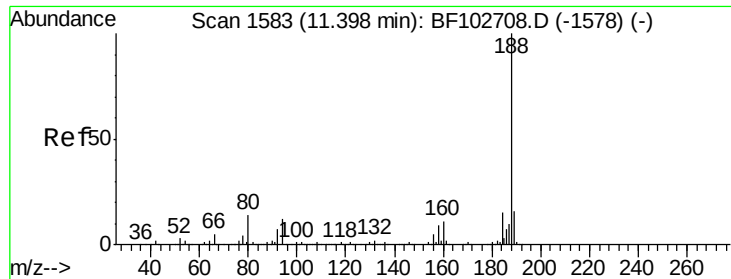
Tot Ion:138 Resp: 212204
Ion Ratio Lower Upper
138 100
92 50.1 30.2 70.2
108 65.3 52.5 92.5



#62
Azobenzene
Concen: 38.71 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion: 77 Resp: 810281
Ion Ratio Lower Upper
77 100
182 21.0 1.7 41.7
105 24.3 3.0 43.0
51 33.0 9.9 49.9

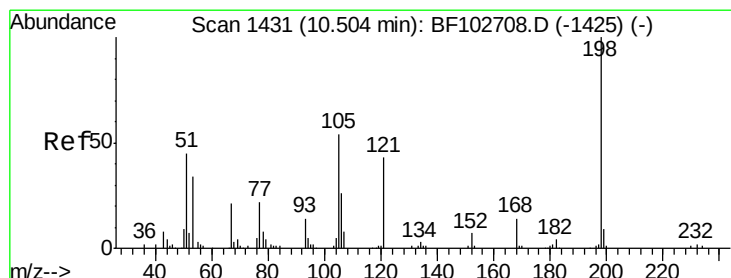
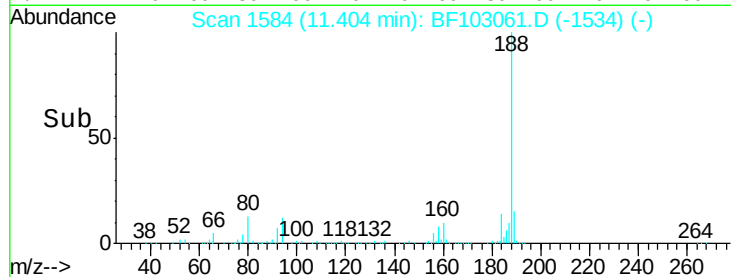
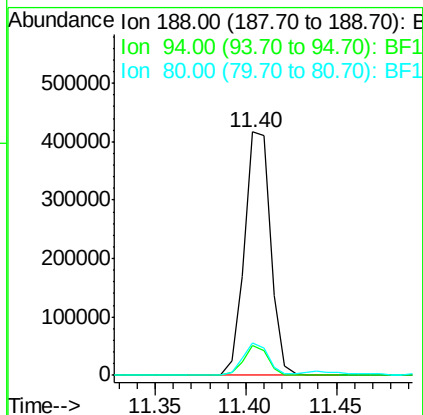
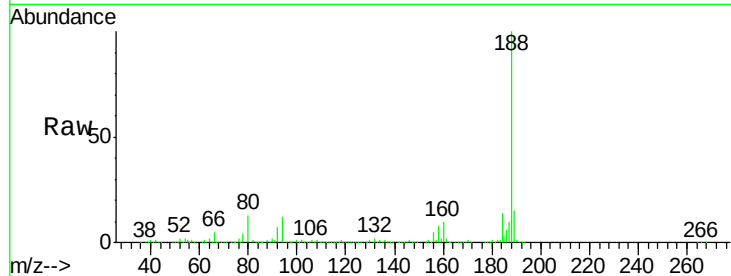




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

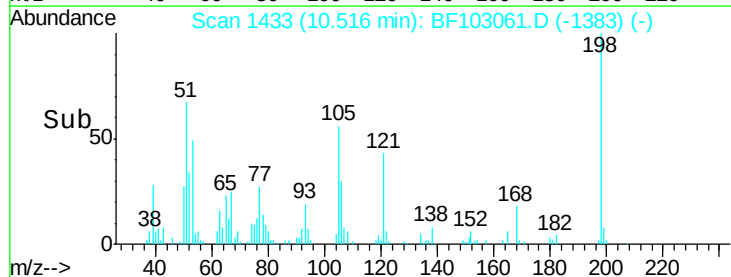
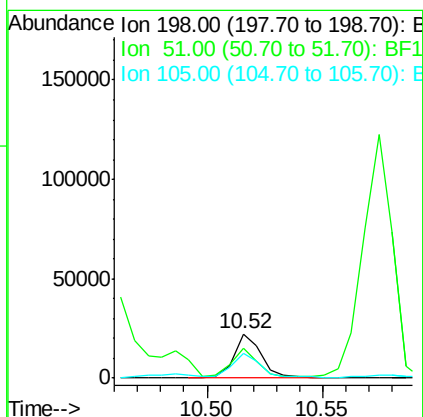
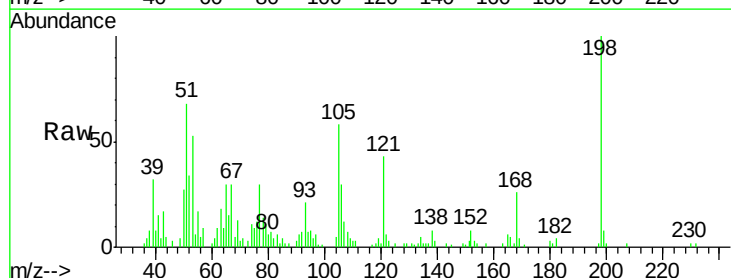
Instrument :
BNA_F
ClientSampled :

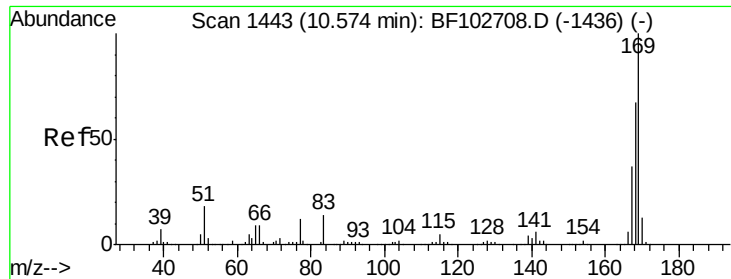
Tot Ion:188 Resp: 417901
Ion Ratio Lower Upper
188 100
94 12.4 8.5 12.7
80 13.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 18.14 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:198 Resp: 18102
Ion Ratio Lower Upper
198 100
51 68.5 37.7 77.7
105 57.5 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 44.21 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampled :

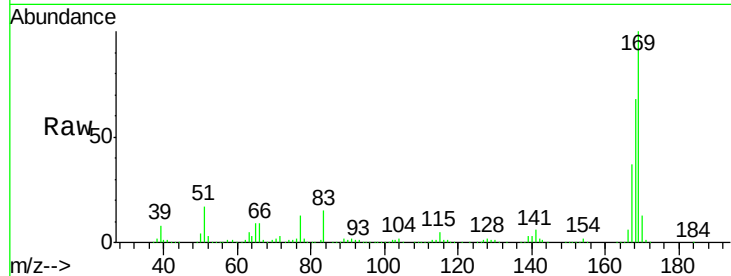
Tot Ion:169 Resp: 651615

Ion Ratio Lower Upper

169 100

168 68.0 54.4 81.6

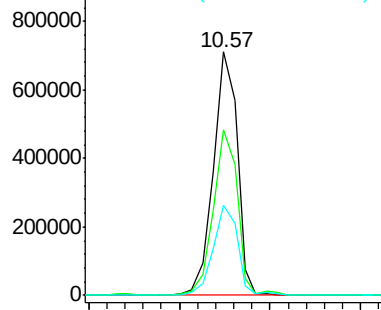
167 37.0 29.8 44.6



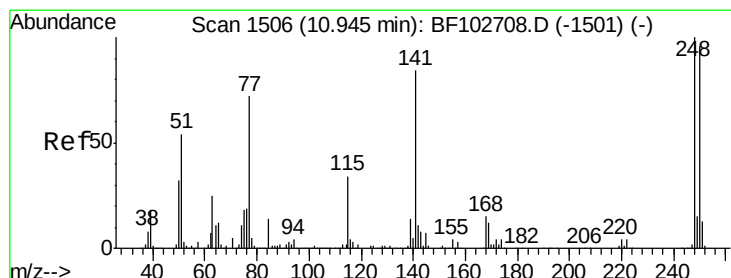
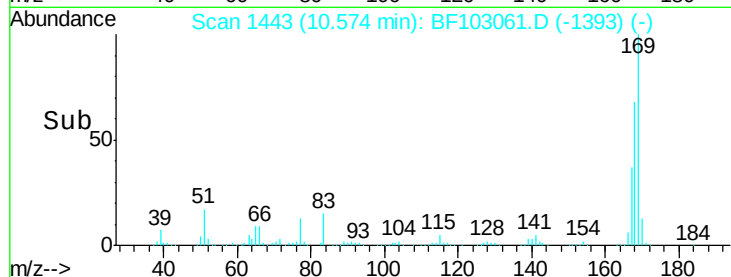
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 10.50 10.55 10.60



#66

4-Bromophenyl-phenylether

Concen: 43.77 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

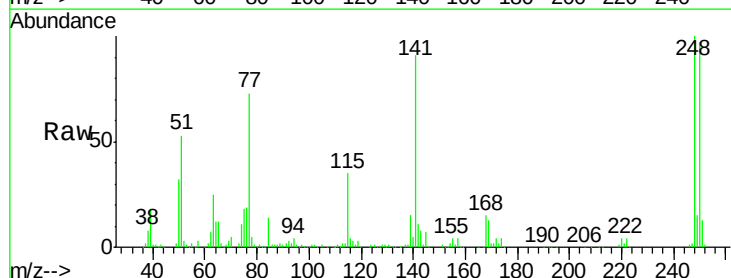
Tgt Ion:248 Resp: 193511

Ion Ratio Lower Upper

248 100

250 96.9 76.9 115.3

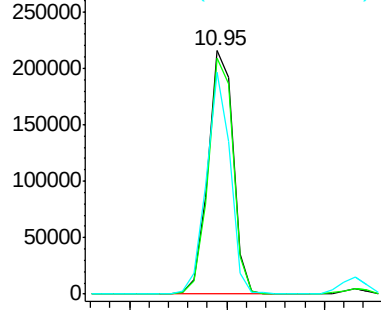
141 90.9 74.4 111.6



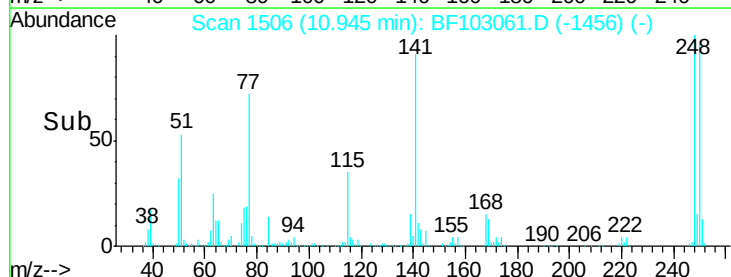
Abundance Ion 248.00 (247.70 to 248.70): E

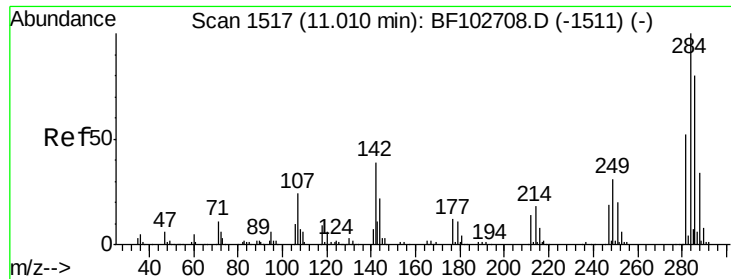
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 10.90 10.95 11.00

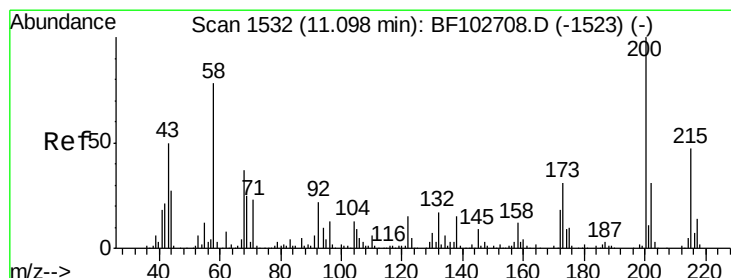
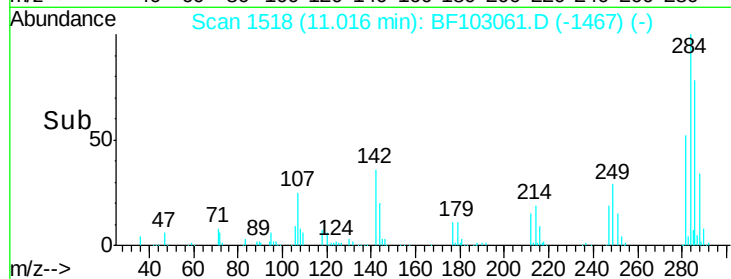
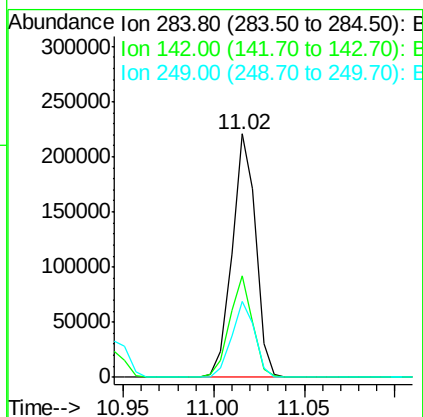
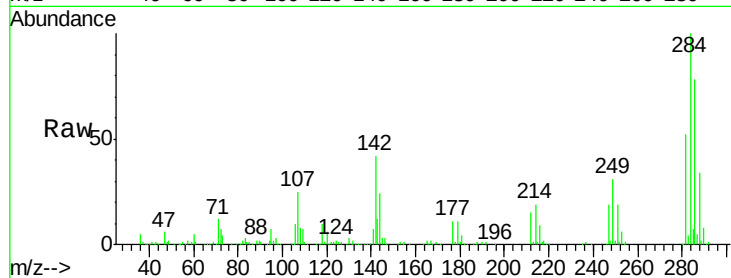




#67
Hexachlorobenzene
Concen: 40.80 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

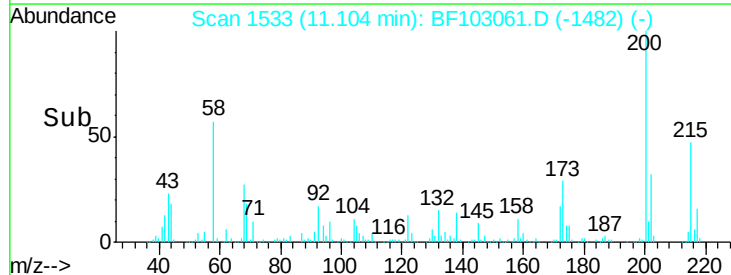
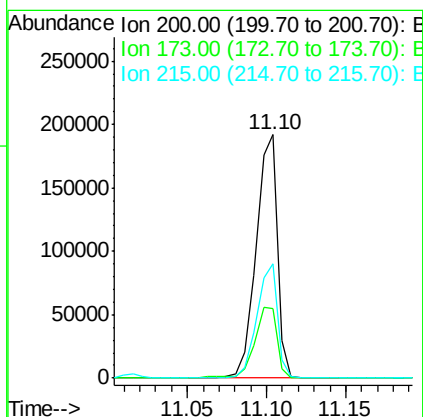
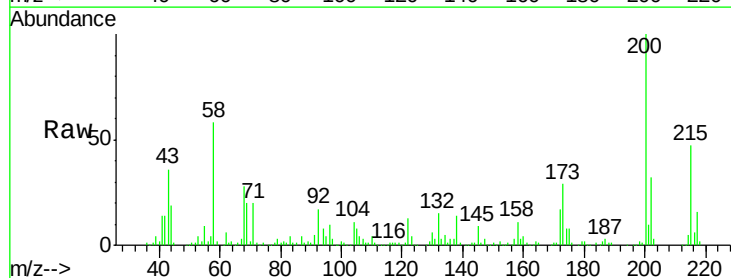
Instrument :
BNA_F
ClientSampleId :

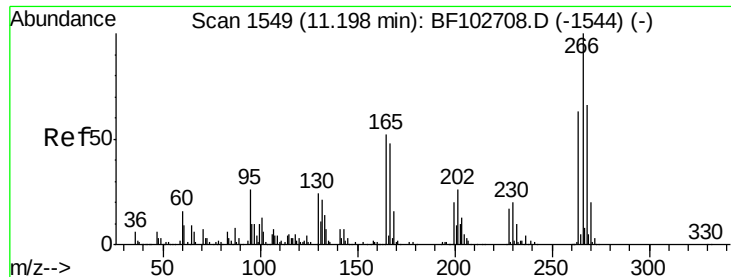
Tot Ion:284 Resp: 198994
Ion Ratio Lower Upper
284 100
142 41.7 34.6 52.0
249 31.1 24.8 37.2



#68
Atrazine
Concen: 41.22 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:200 Resp: 179270
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 47.1 25.1 65.1

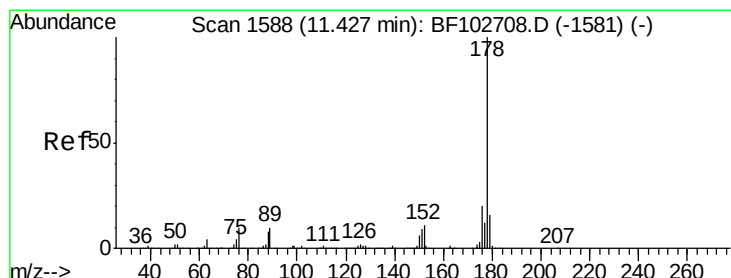
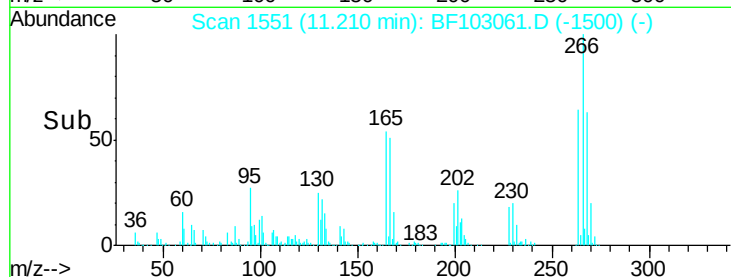
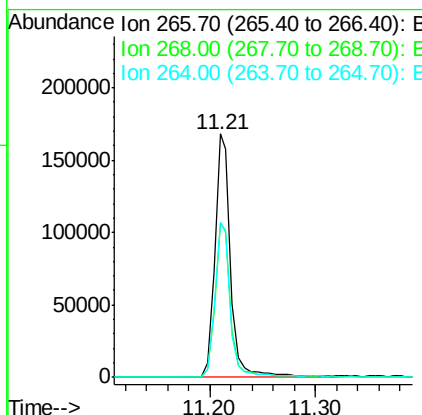
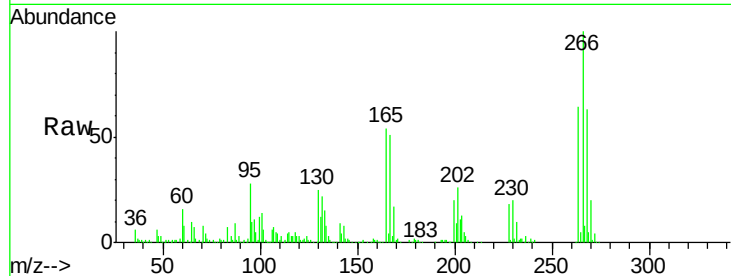




#69
 Pentachlorophenol
 Concen: 62.54 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

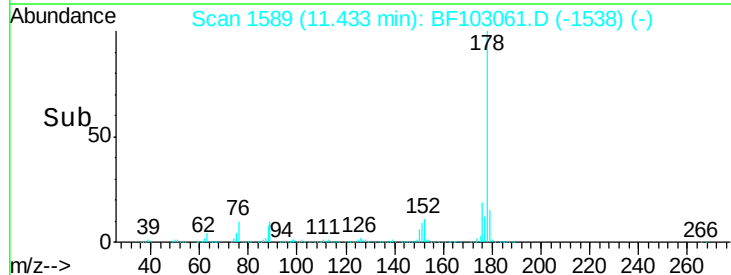
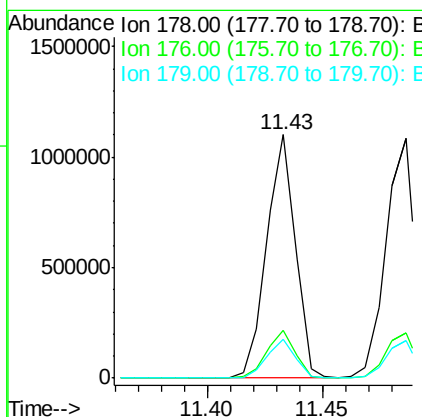
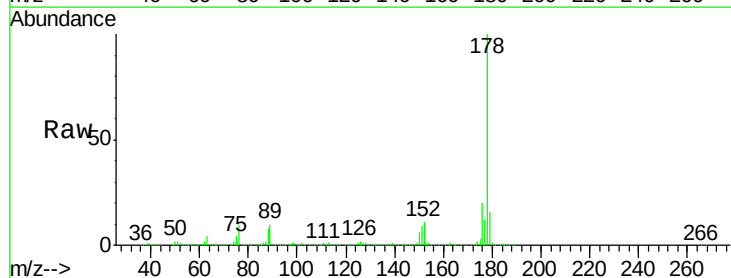
Instrument :
 BNA_F
 ClientSampled :

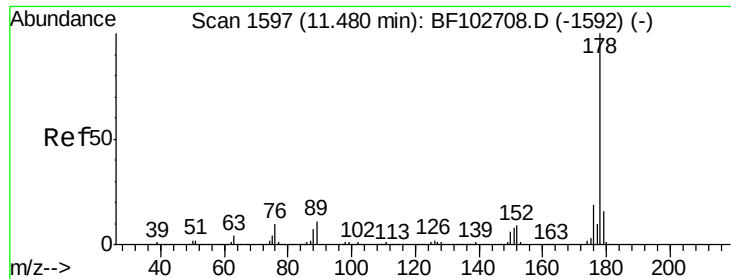
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	63.5	49.5	74.3



#70
 Phenanthrene
 Concen: 40.91 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6

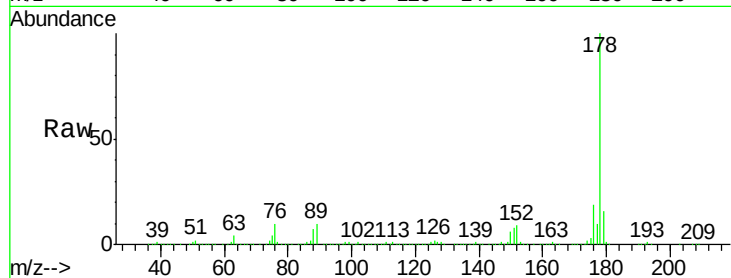




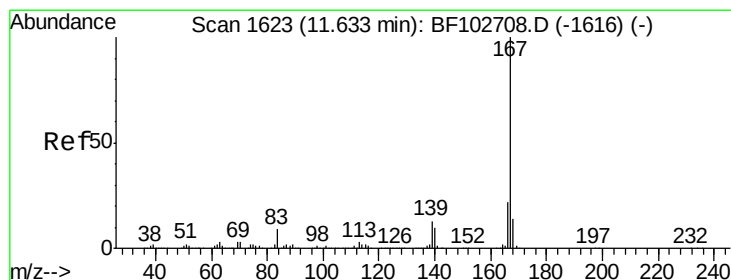
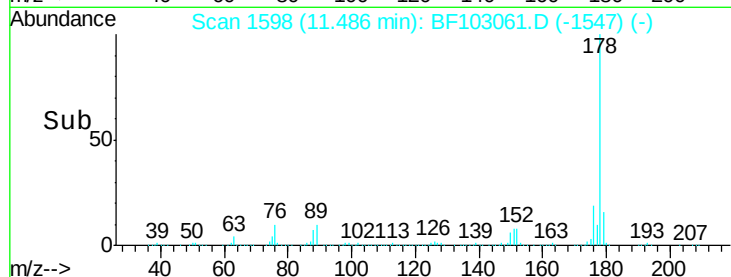
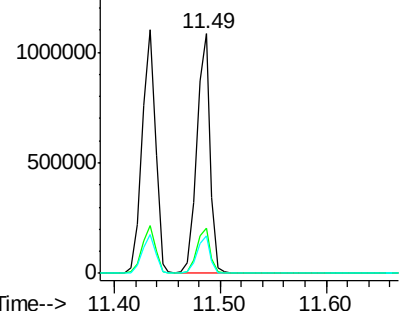
#71
 Anthracene
 Concen: 40.59 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 960894
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.8 12.6 19.0

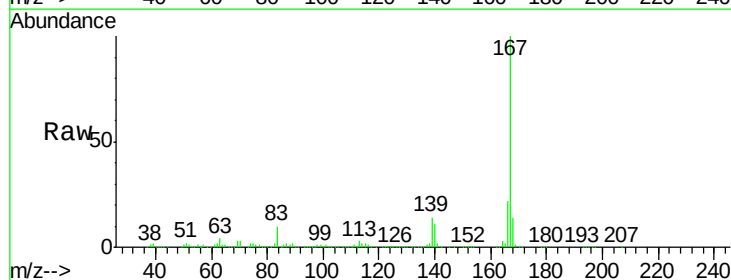


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

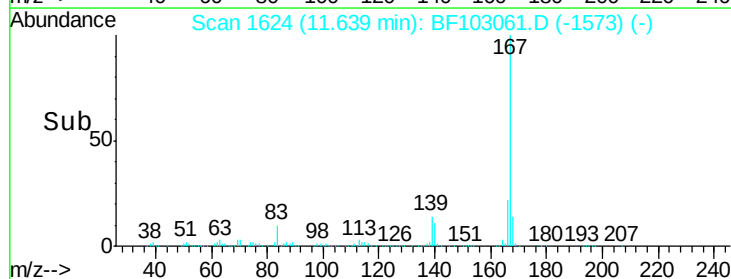
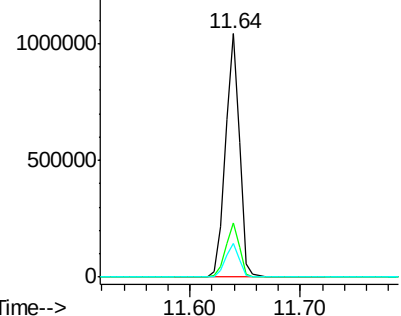


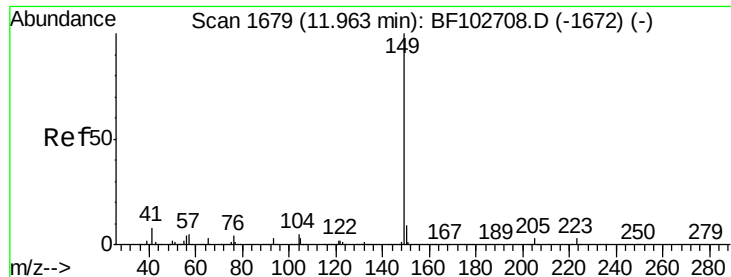
#72
 Carbazole
 Concen: 39.98 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion:167 Resp: 927247
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.09 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

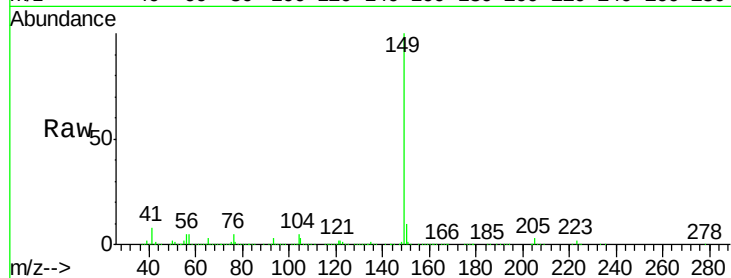
Tot Ion:149 Resp: 1213830

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

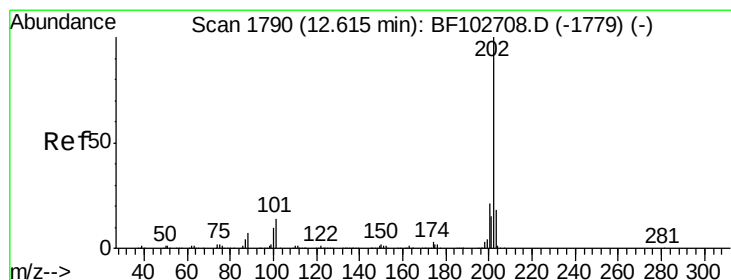
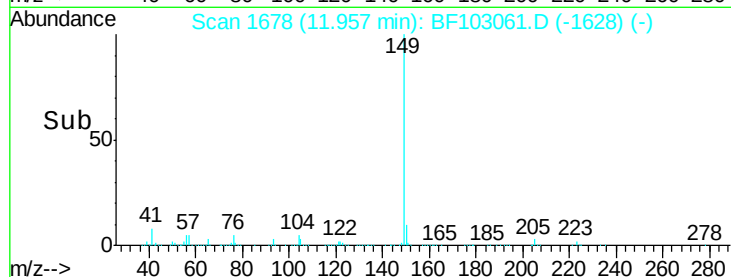
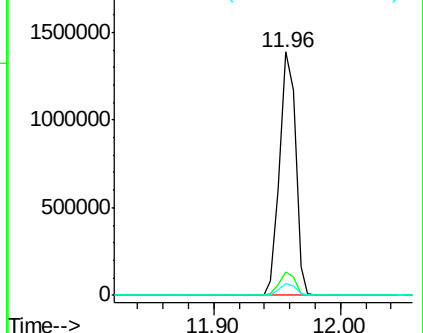
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.84 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

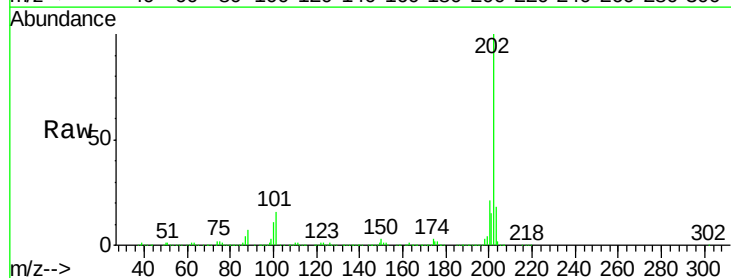
Tgt Ion:202 Resp: 956299

Ion Ratio Lower Upper

202 100

101 15.6 0.0 34.1

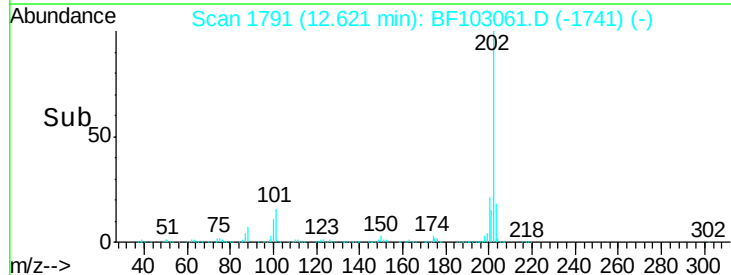
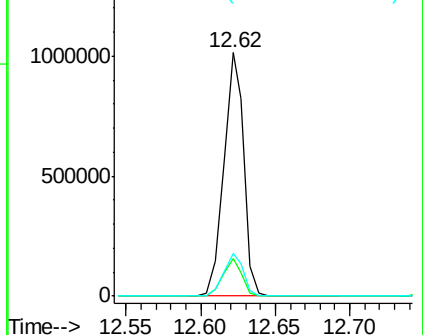
203 17.6 0.0 38.1

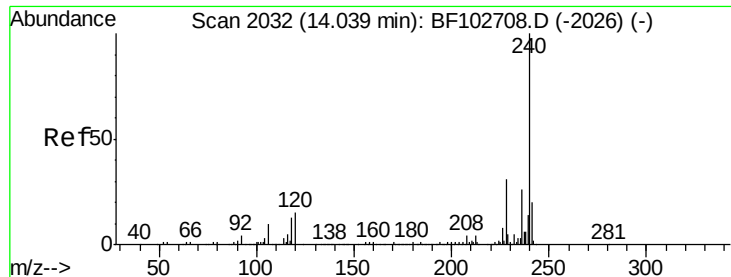


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

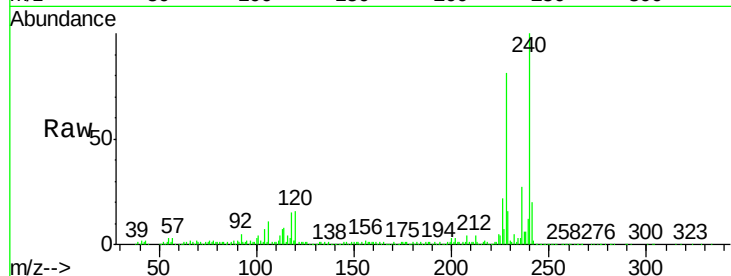
Tot Ion:240 Resp: 275375

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

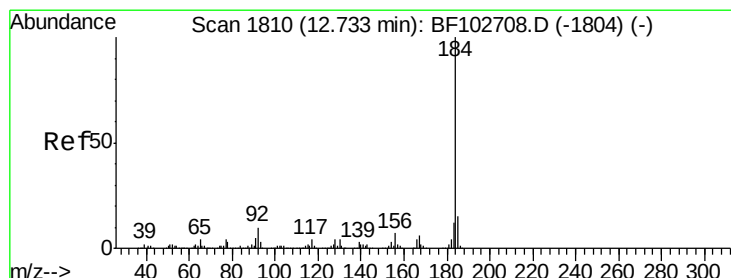
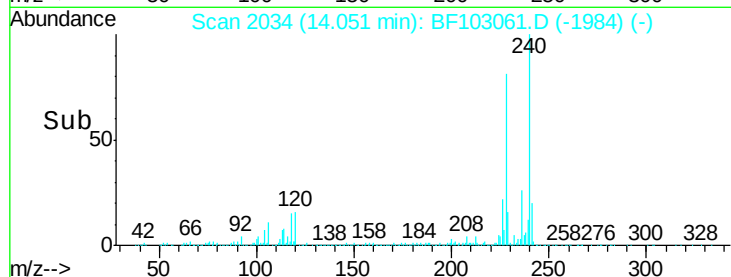
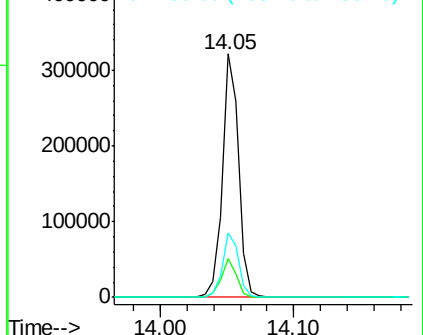
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.56 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

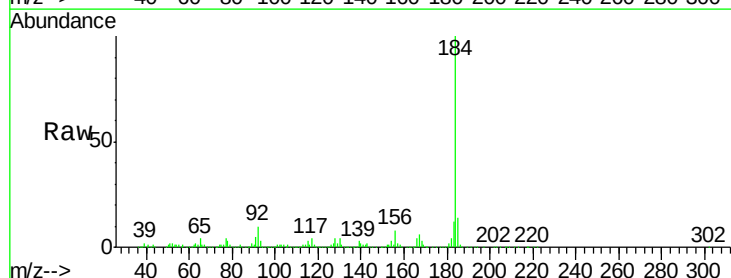
Tgt Ion:184 Resp: 652578

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

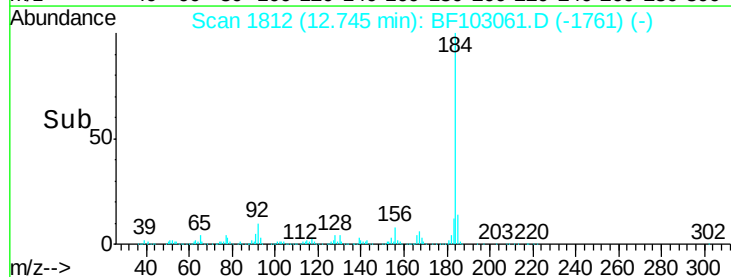
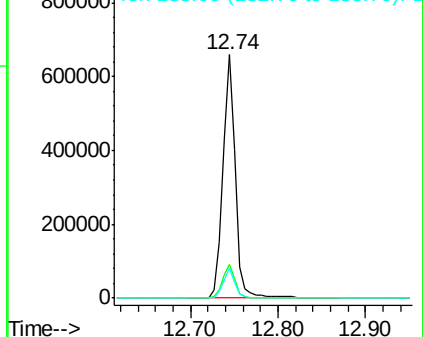
183 12.0 9.3 13.9

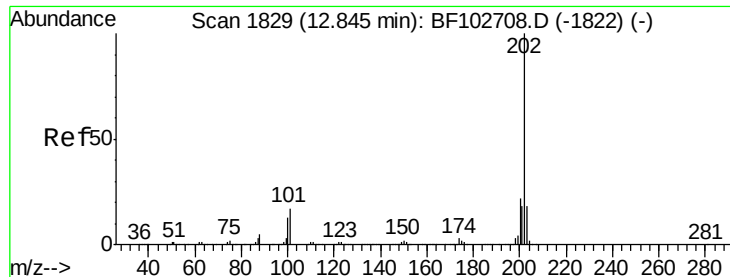


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.18 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

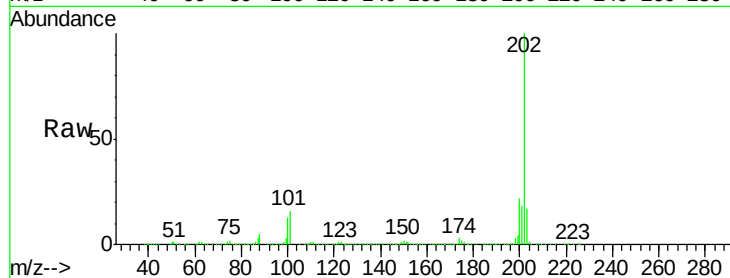
Tot Ion:202 Resp: 975612

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

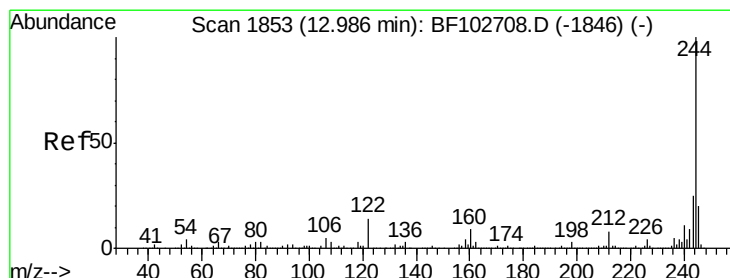
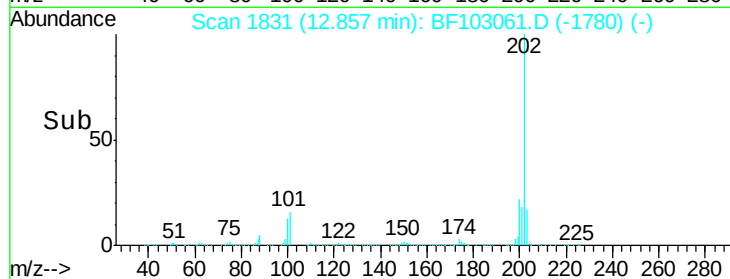
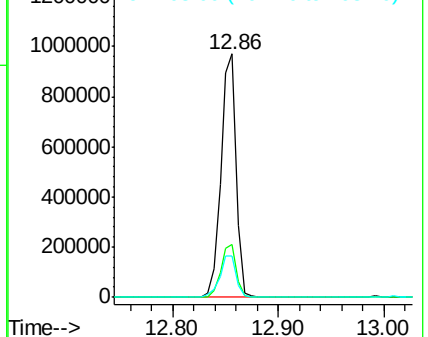
203 17.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.20 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

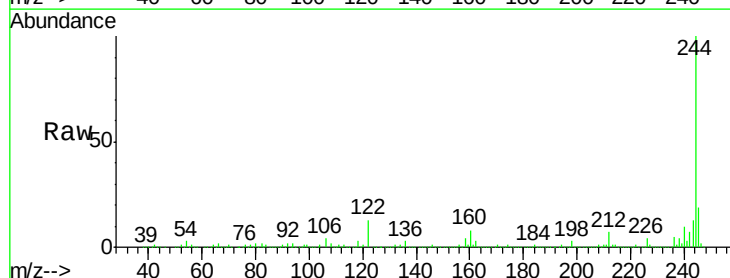
Tgt Ion:244 Resp: 1072331

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

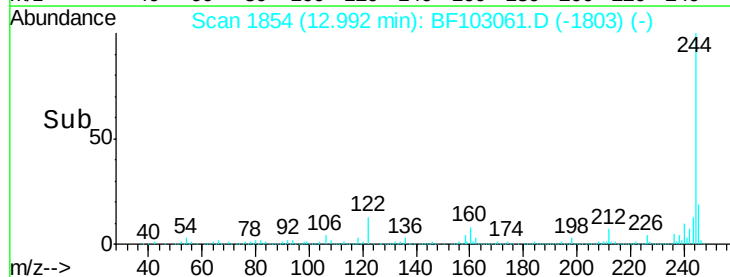
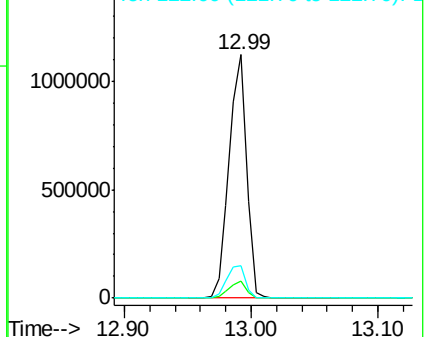
122 13.5 11.0 16.4

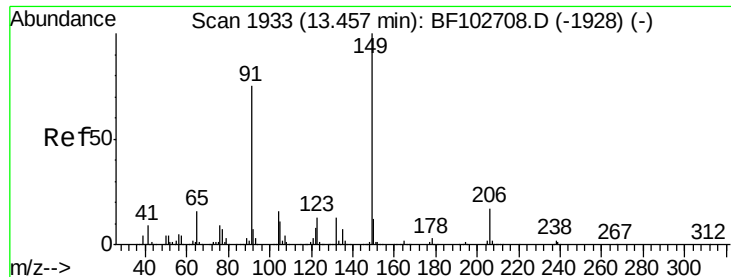


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.29 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

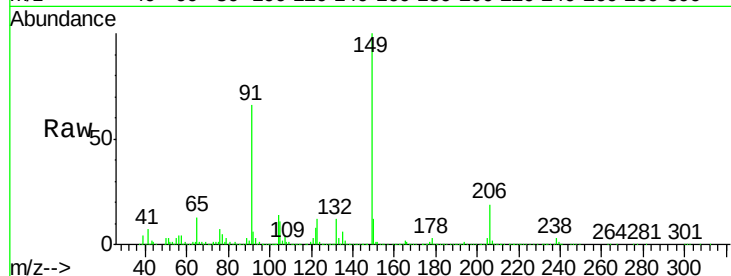
Tot Ion:149 Resp: 488333

Ion Ratio Lower Upper

149 100

91 65.7 56.8 85.2

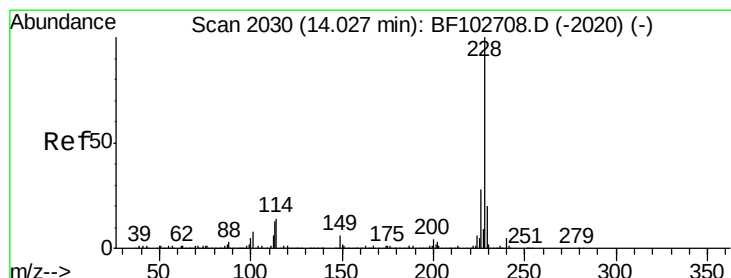
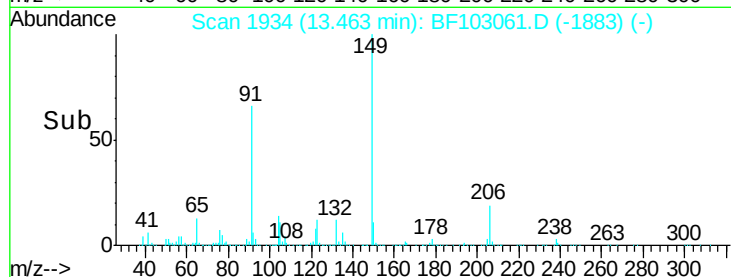
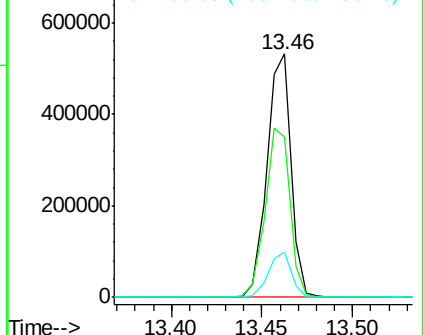
206 18.6 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.23 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

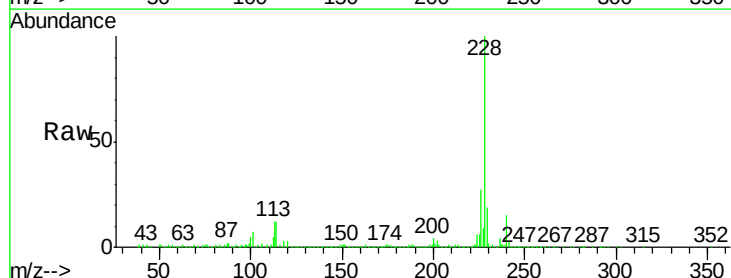
Tgt Ion:228 Resp: 766027

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

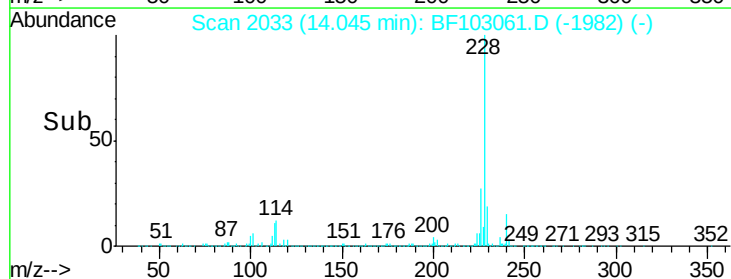
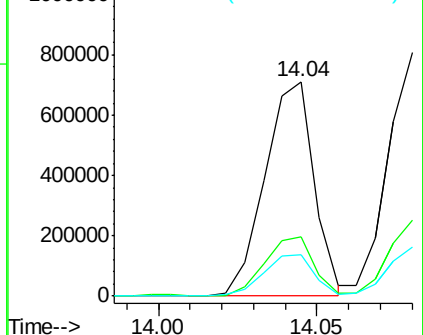
229 19.5 15.8 23.6

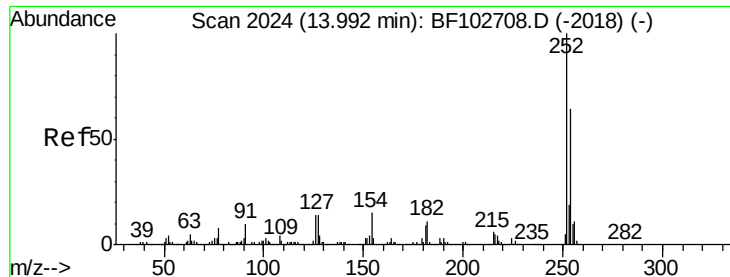


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 44.52 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF103061.D

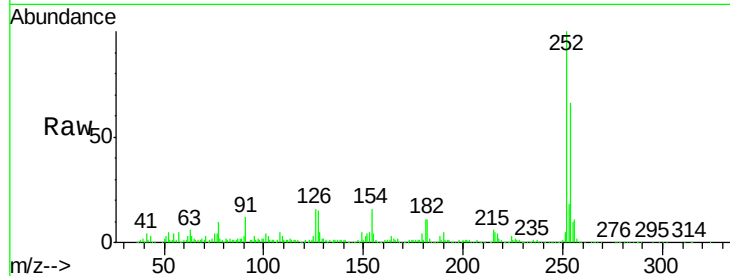
Acq: 16 Feb 2018 19:13

Instrument :

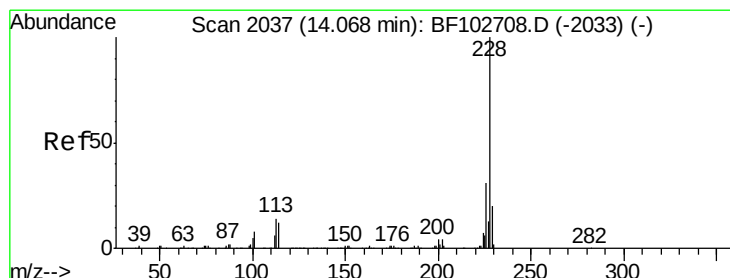
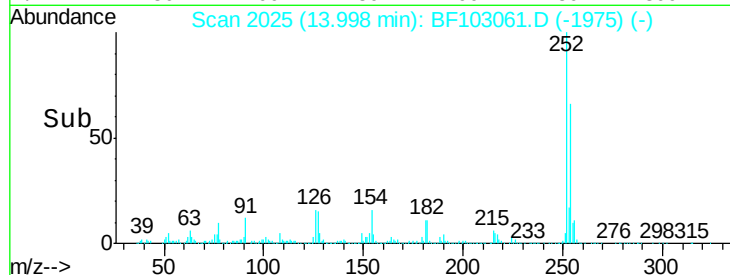
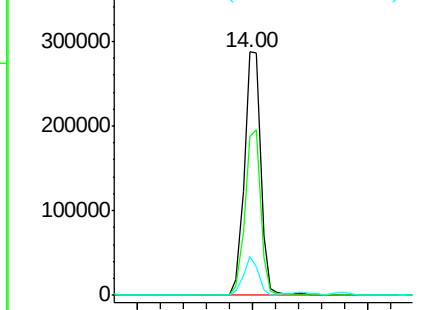
BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	285882
Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.4	75.6
126	15.7	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: 41.30 ng

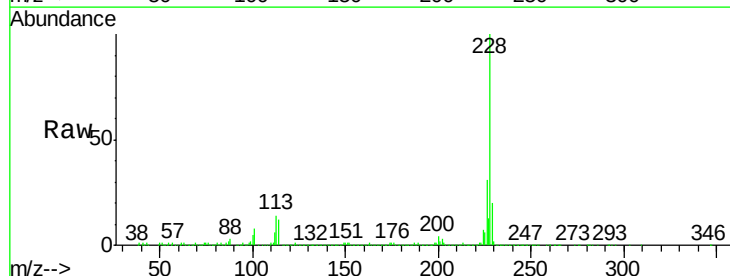
RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

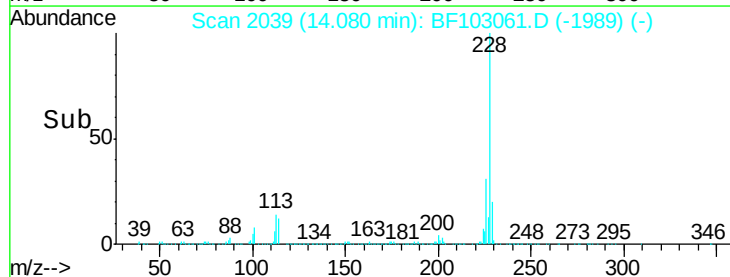
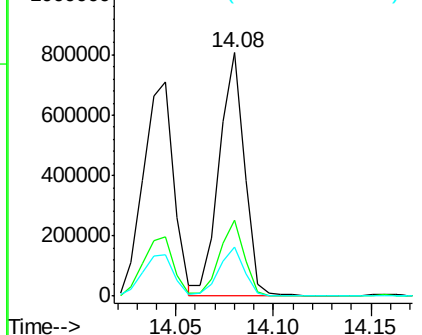
Lab File: BF103061.D

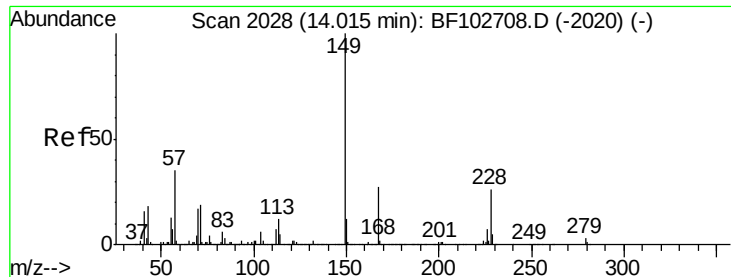
Acq: 16 Feb 2018 19:13

Tgt Ion:	228	Resp:	721011
Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.9	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: 50.52 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

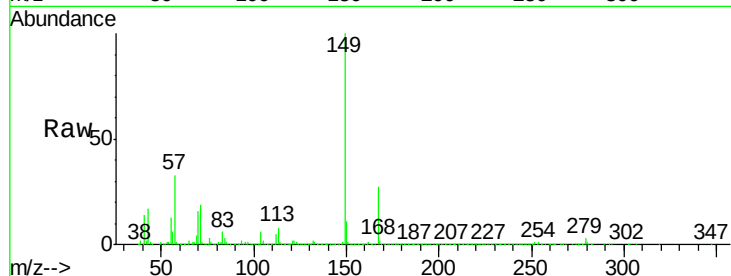
Tot Ion:149 Resp: 668304

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

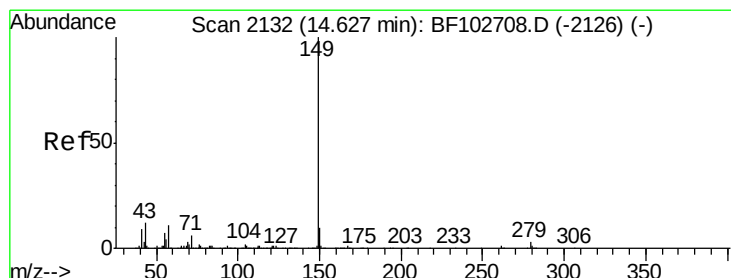
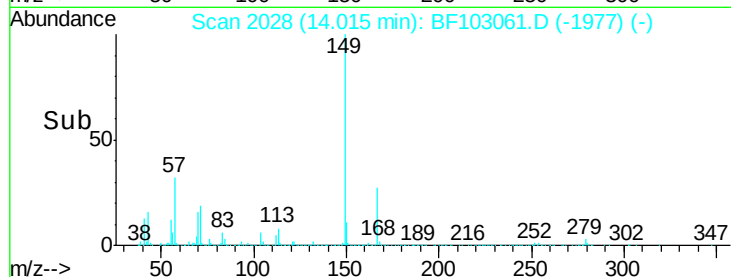
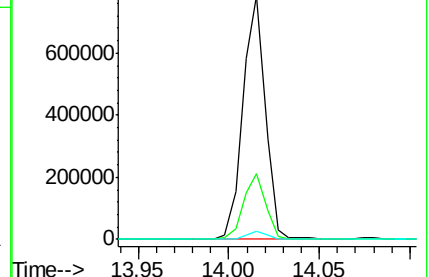
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.77 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

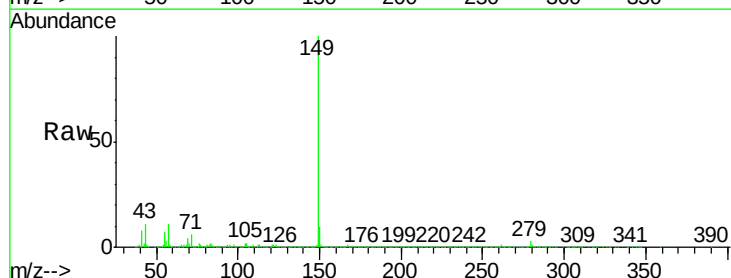
Tgt Ion:149 Resp: 1067898

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

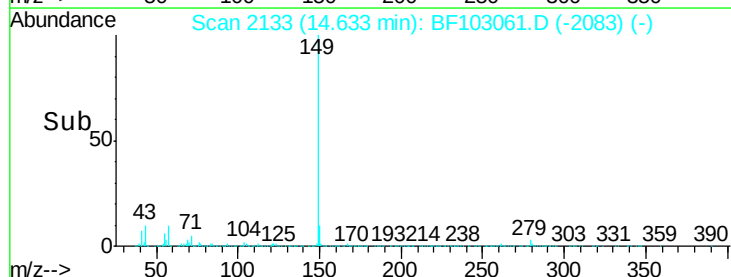
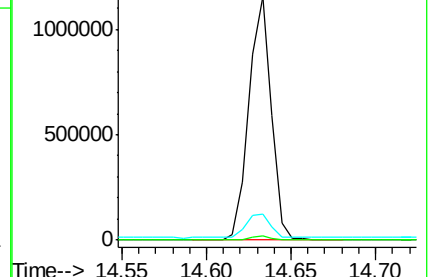
43 11.4 8.4 12.6

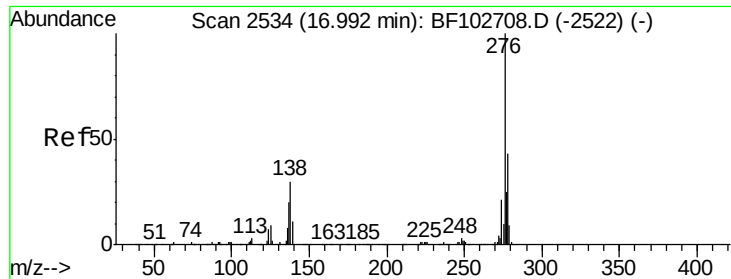


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

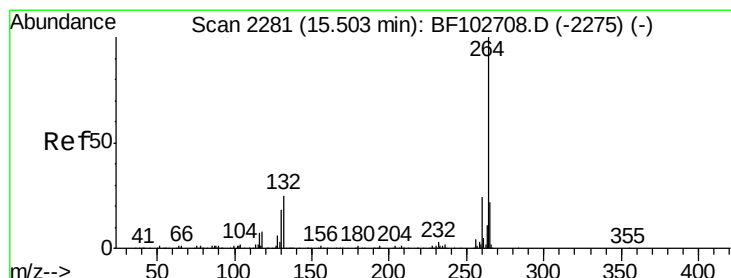
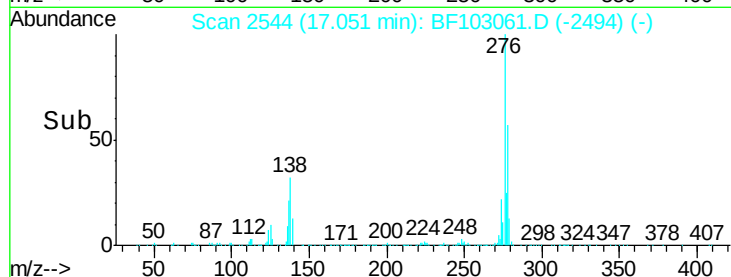
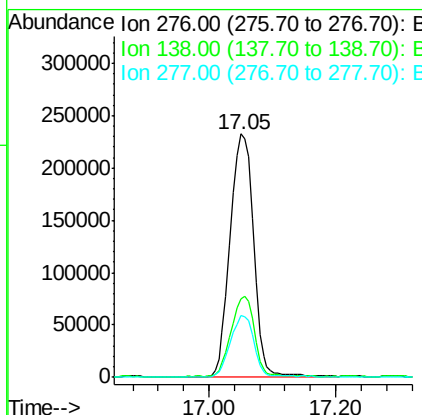
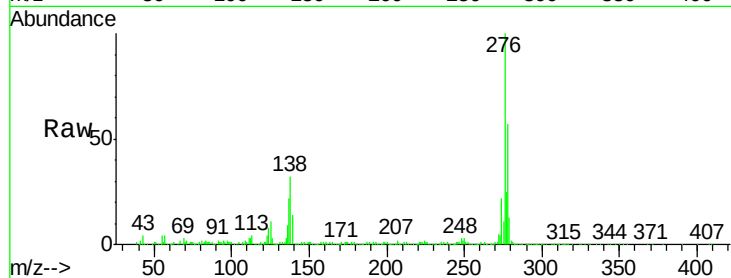




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.91 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

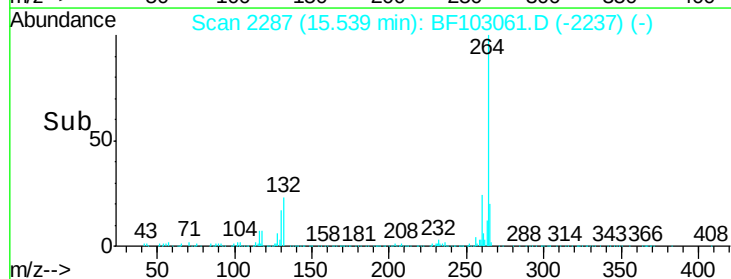
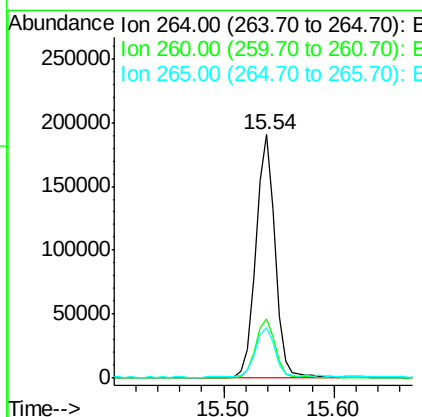
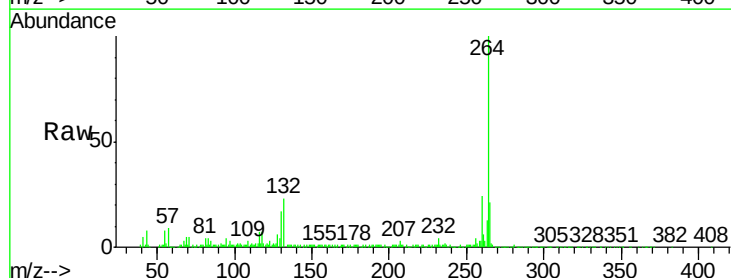
Instrument :
 BNA_F
 ClientSampleId :

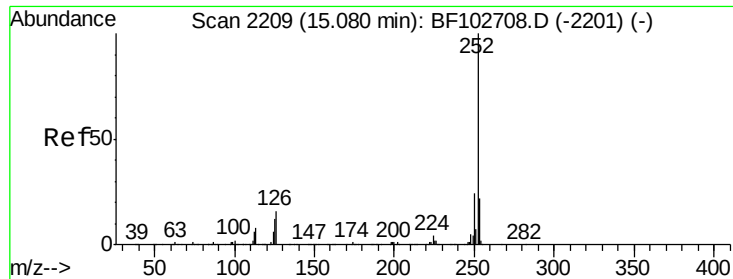
Tot Ion:276 Resp: 592302
 Ion Ratio Lower Upper
 276 100
 138 32.3 25.0 37.6
 277 24.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF103061.D
 Acq: 16 Feb 2018 19:13

Tgt Ion:264 Resp: 234748
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.8 17.5 26.3

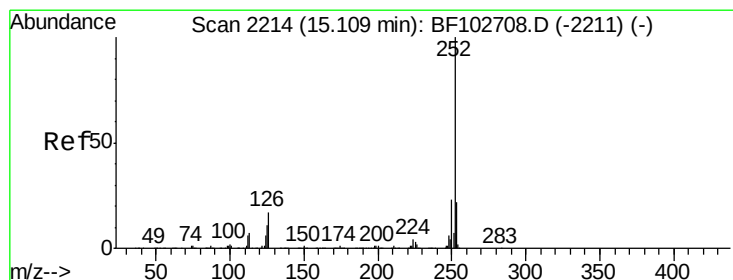
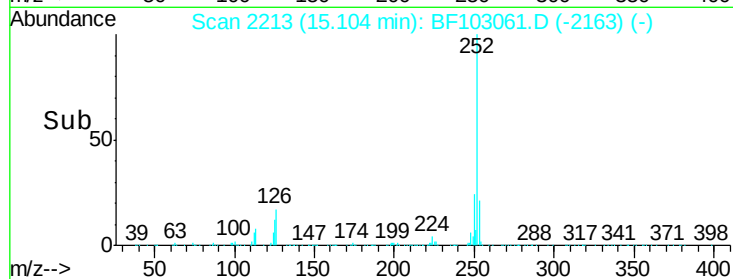
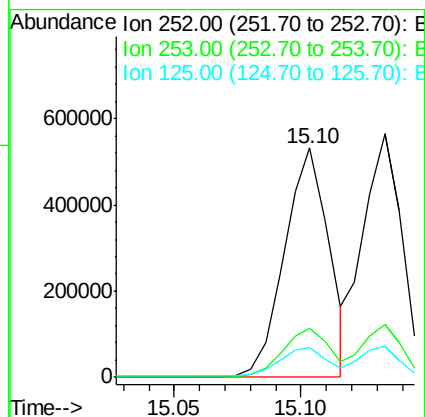
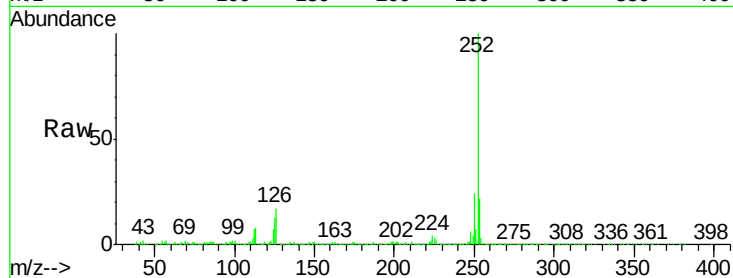




#87
Benzo(b)fluoranthene
Concen: 42.44 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

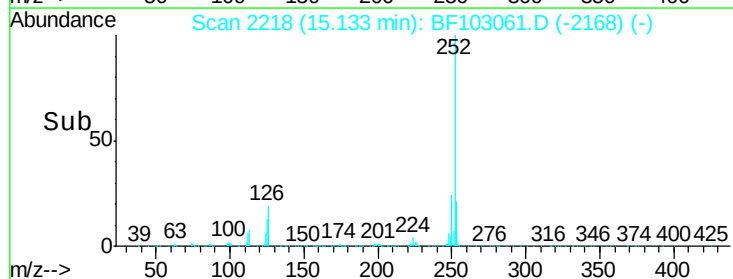
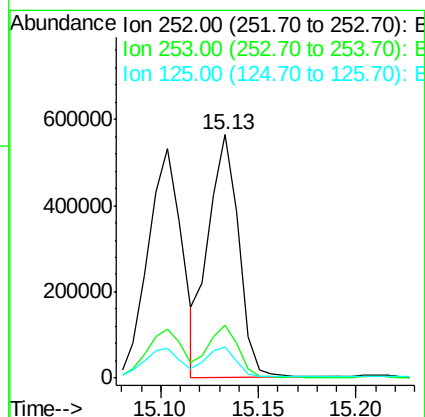
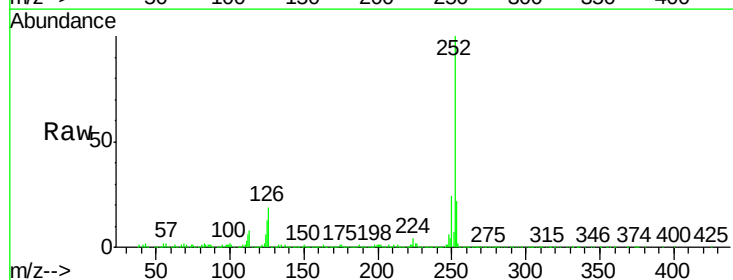
Instrument :
BNA_F
ClientSampleId :

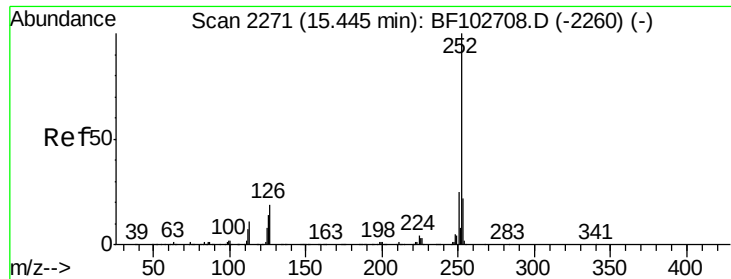
Tot Ion:252 Resp: 645956
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.60 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103061.D
Acq: 16 Feb 2018 19:13

Tgt Ion:252 Resp: 604885
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 13.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 43.03 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

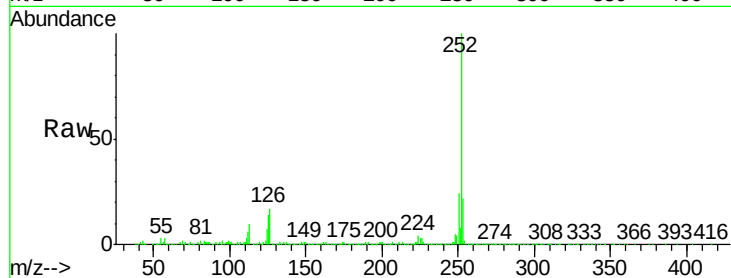
Tot Ion:252 Resp: 589511

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

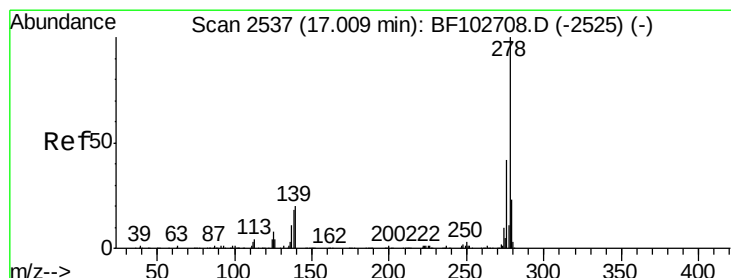
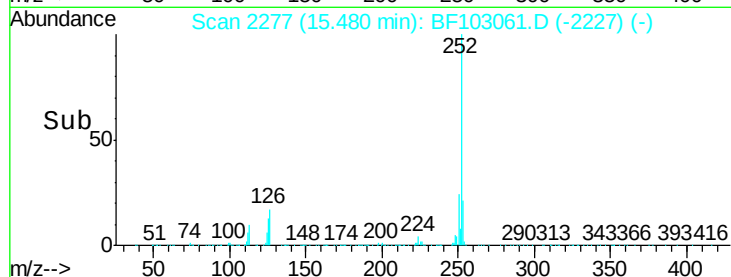
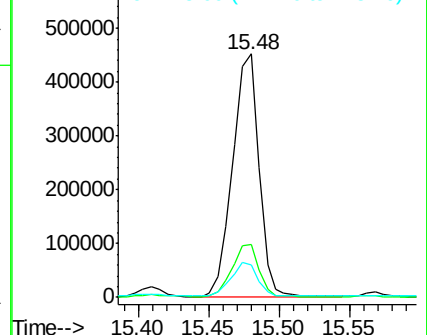
125 13.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.23 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

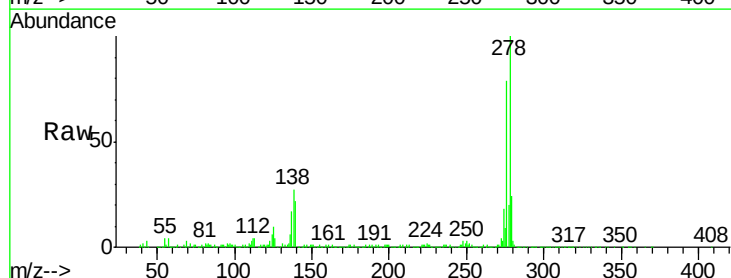
Tgt Ion:278 Resp: 491833

Ion Ratio Lower Upper

278 100

139 22.2 15.9 23.9

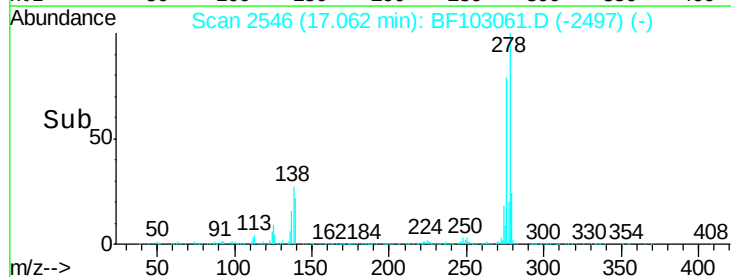
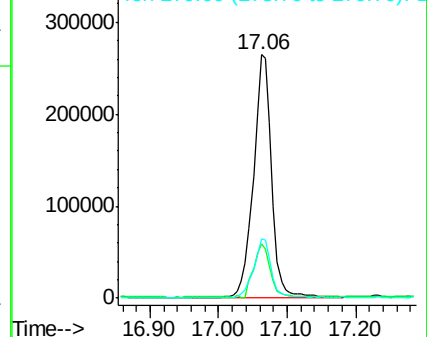
279 24.3 19.0 28.4

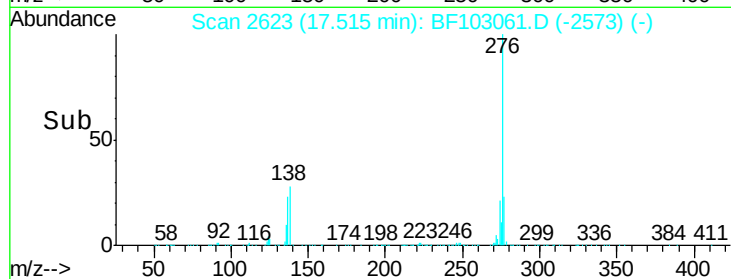
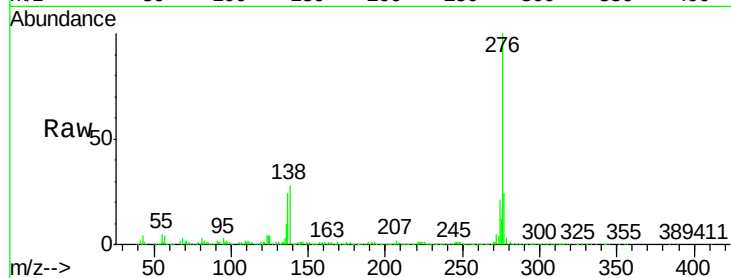
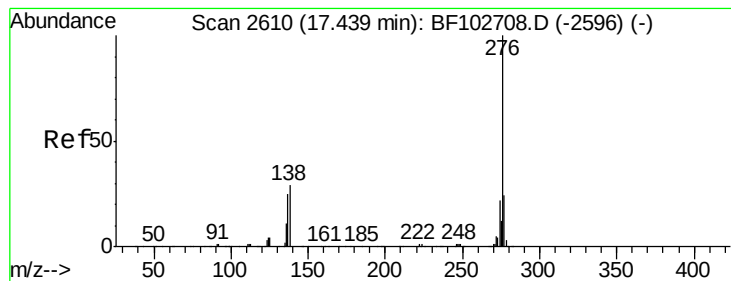


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.13 ng

RT: 17.52 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF103061.D

Acq: 16 Feb 2018 19:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 491203

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 28.4 21.8 32.8

