

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103179.D
 Acq On : 22 Feb 2018 22:47
 Operator : SJ/JU
 Sample : PB106758BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Quant Time: Feb 23 02:16:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	178265	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	727845	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	299044	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	408173	20.00	ng	0.00
75) Chrysene-d12	14.05	240	282729	20.00	ng	0.00
86) Perylene-d12	15.54	264	273144	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1099475	93.28	ng	0.02
7) Phenol-d6	6.51	99	1316058	91.25	ng	0.00
23) Nitrobenzene-d5	7.44	82	859826	67.46	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	209195	82.65	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1299613	72.20	ng	0.00
78) Terphenyl-d14	12.99	244	827485	70.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	193222	31.038	ng	92
3) Pyridine	3.50	79	518362	31.190	ng	97
4) n-Nitrosodimethylamine	3.45	42	249718	37.256	ng	98
6) Aniline	6.54	93	346514	16.647	ng	98
8) 2-Chlorophenol	6.66	128	418354	34.167	ng	99
9) Benzaldehyde	6.42	77	261535	27.209	ng	98
10) Phenol	6.52	94	527289	31.493	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	424899	33.436	ng	95
12) 1,3-Dichlorobenzene	6.81	146	447946	32.013	ng	98
13) 1,4-Dichlorobenzene	6.89	146	450406	32.106	ng	99
14) 1,2-Dichlorobenzene	7.05	146	407767	31.523	ng	98
15) Benzyl Alcohol	7.02	79	360334	33.155	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	716721	32.844	ng	99
17) 2-Methylphenol	7.13	107	363466	32.664	ng	98
18) Hexachloroethane	7.38	117	147274	28.838	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	279394	31.126	ng	98
20) 3+4-Methylphenols	7.28	107	407319	30.029	ng	# 59
22) Acetophenone	7.28	105	542337	31.923	ng	# 90
24) Nitrobenzene	7.46	77	459552	32.750	ng	98
25) Isophorone	7.69	82	852830	33.975	ng	98
26) 2-Nitrophenol	7.77	139	222451	33.675	ng	96
27) 2,4-Dimethylphenol	7.81	122	373578	36.998	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	534754	36.235	ng	98
29) 2,4-Dichlorophenol	8.02	162	337009	34.861	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	334489	32.492	ng	99
31) Naphthalene	8.18	128	1169470	32.819	ng	100
32) Benzoic acid	7.92	122	143988	23.366	ng	99
33) 4-Chloroaniline	8.23	127	135249	8.796	ng	98
34) Hexachlorobutadiene	8.29	225	166991	31.150	ng	98
35) Caprolactam	8.60	113	107776	31.721	ng	# 73
36) 4-Chloro-3-methylphenol	8.71	107	364578	33.436	ng	97
37) 2-Methylnaphthalene	8.87	142	757106	32.876	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	285022	34.864	ng	100
40) Hexachlorocyclopentadiene	9.02	237	35740	19.907	ng	95

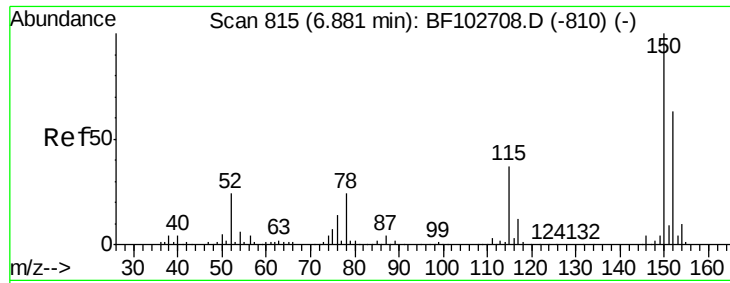
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	195588	35.555	nq	97
43) 2,4,5-Trichlorophenol	9.19	196	203831	32.217	nq	98
45) 1,1'-Biphenyl	9.33	154	844872	33.716	nq	99
46) 2-Chloronaphthalene	9.36	162	667072	33.649	nq	100
47) 2-Nitroaniline	9.46	65	255300	34.766	nq	89
48) Acenaphthylene	9.77	152	985842	32.320	nq	99
49) Dimethylphthalate	9.63	163	810427	33.782	nq	100
50) 2,6-Dinitrotoluene	9.70	165	165235	32.822	nq	97
51) Acenaphthene	9.95	154	557344	31.336	nq	100
52) 3-Nitroaniline	9.87	138	123621	19.355	nq	97
53) 2,4-Dinitrophenol	9.98	184	24525	21.486	nq	# 21
54) Dibenzofuran	10.12	168	843003	34.527	nq	97
55) 4-Nitrophenol	10.03	139	220769	55.769	nq	92
56) 2,4-Dinitrotoluene	10.10	165	202600	31.820	nq	97
57) Fluorene	10.46	166	618266	29.726	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	133654	31.447	nq	97
59) Diethylphthalate	10.33	149	760734	33.156	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	289895	32.867	nq	97
61) 4-Nitroaniline	10.48	138	164043	25.714	nq	96
62) Azobenzene	10.61	77	747440	32.004	nq	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	25288	14.078	nq	94
65) n-Nitrosodiphenylamine	10.57	169	565155	39.766	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	164716	38.739	nq	98
67) Hexachlorobenzene	11.01	284	162788	35.273	nq	98
68) Atrazine	11.10	200	164685	38.553	nq	99
69) Pentachlorophenol	11.20	266	132940	59.575	nq	97
70) Phenanthrene	11.43	178	752385	33.494	nq	99
71) Anthracene	11.48	178	772811	33.550	nq	100
72) Carbazole	11.63	167	721417	31.450	nq	99
73) Di-n-butylphthalate	11.95	149	1024010	35.676	nq	99
74) Fluoranthene	12.62	202	669360	29.653	nq	98
76) Benzidine	12.74	184	473914	44.836	nq	98
77) Pyrene	12.84	202	673037	30.533	nq	100
79) Butylbenzylphthalate	13.46	149	361793	31.065	nq	99
80) Benzo(a)anthracene	14.04	228	622561	33.937	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	215346	32.894	nq	97
82) Chrysene	14.07	228	595048	33.407	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	498542	31.721	nq	# 99
84) Di-n-octyl phthalate	14.63	149	896492	35.305	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	484550	34.362	nq	97
87) Benzo(b)fluoranthene	15.10	252	596772	33.230	nq	97
88) Benzo(k)fluoranthene	15.13	252	601140	35.547	nq	99
89) Benzo(a)pyrene	15.48	252	563378	35.129	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	417166	33.663	nq	98
91) Benzo(g,h,i)perylene	17.51	276	393714	32.507	nq	98

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

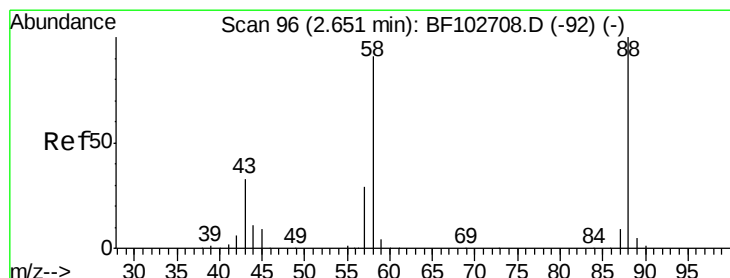
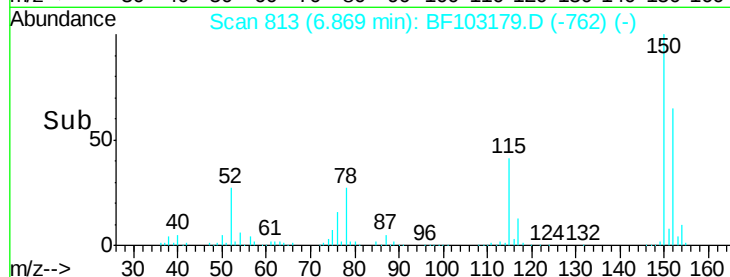
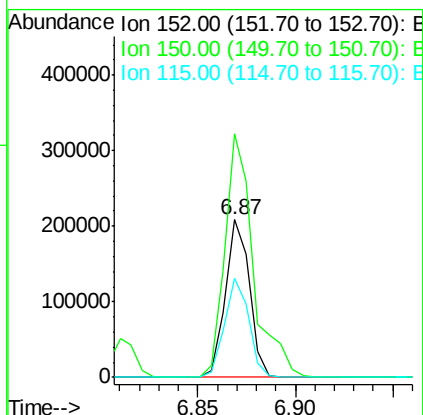
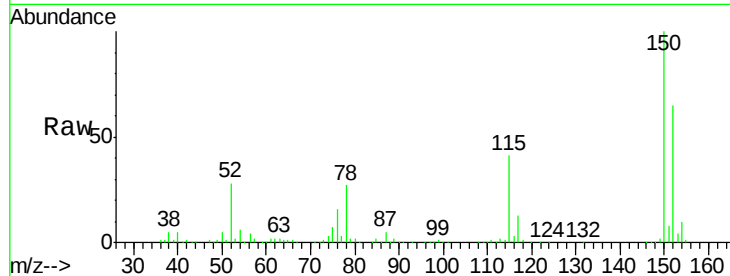


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Instrument :
BNA_F
ClientSampleId :
PB106758BS

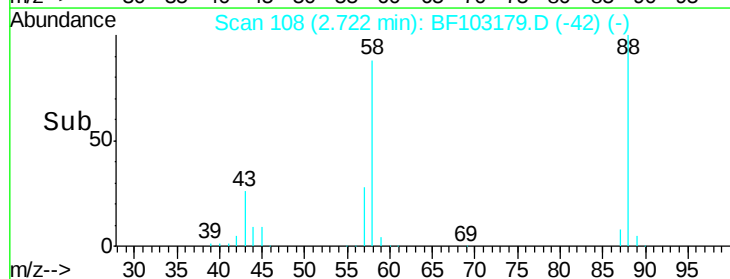
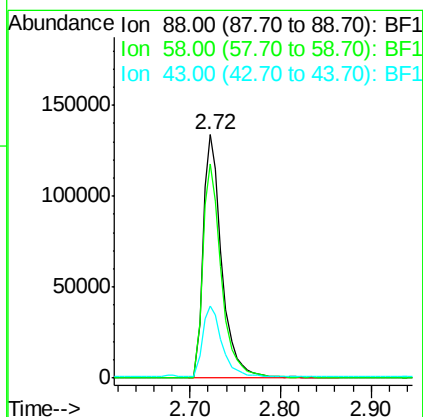
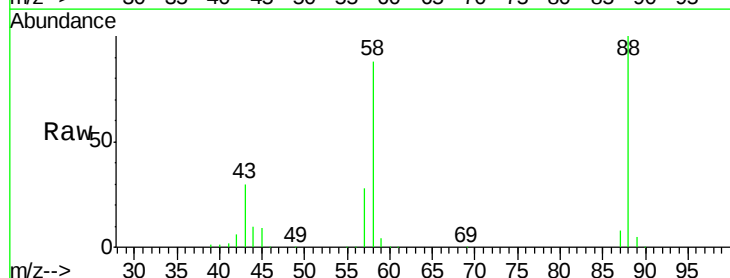
Tot Ion:152 Resp: 178265
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 62.9 50.1 75.1

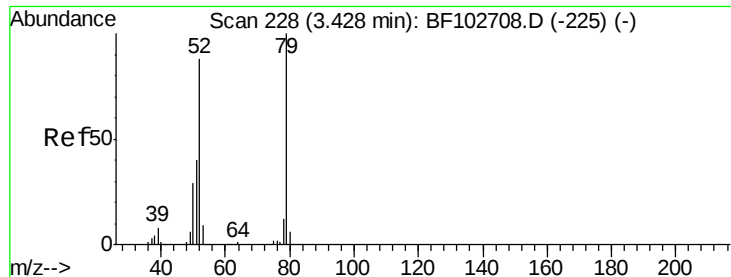


#2

1,4-Dioxane
Concen: 31.038 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.09 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Tgt Ion: 88 Resp: 193222
Ion Ratio Lower Upper
88 100
58 87.9 62.6 93.8
43 30.2 24.6 37.0





#3

Pvridine

Concen: 31.190 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.09 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

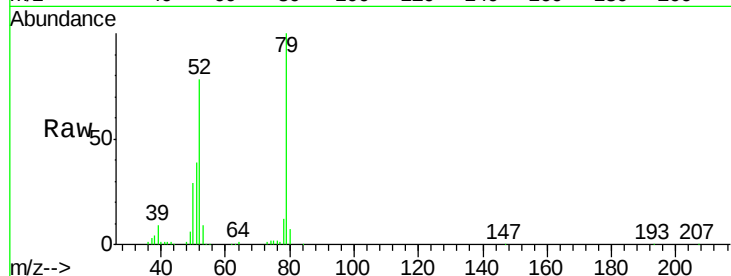
Tot Ion: 79 Resp: 518362

Ion Ratio Lower Upper

79 100

52 77.5 59.8 89.6

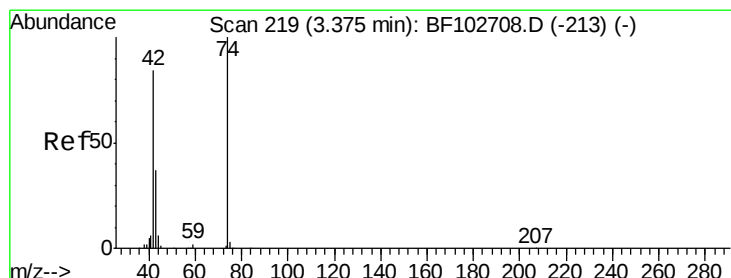
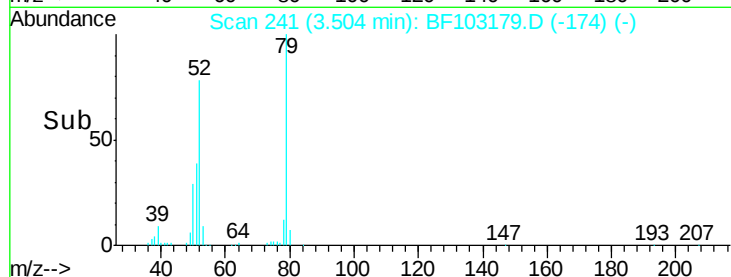
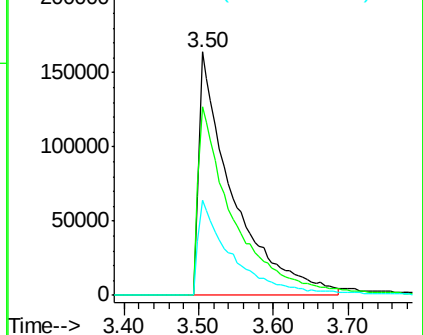
51 38.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.256 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

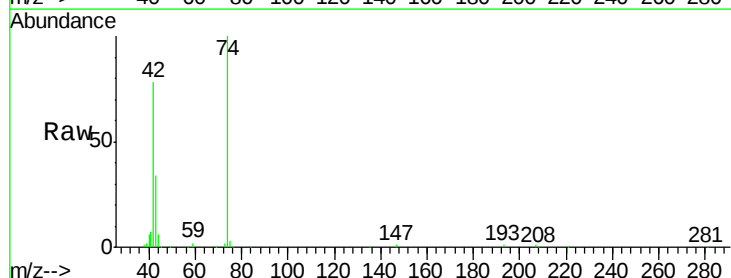
Tgt Ion: 42 Resp: 249718

Ion Ratio Lower Upper

42 100

74 128.5 104.9 157.3

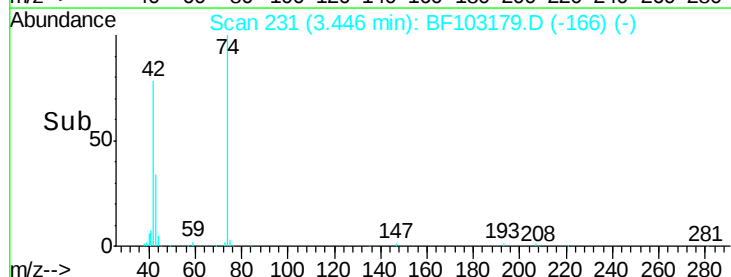
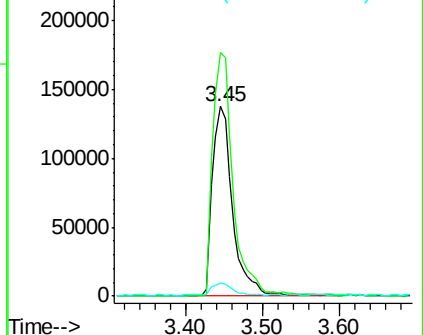
44 7.1 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 93.281 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

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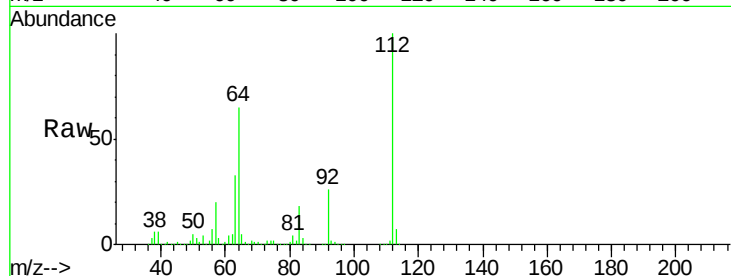
Tot Ion:112 Resp: 1099475

Ion Ratio Lower Upper

112 100

64 64.7 47.9 71.9

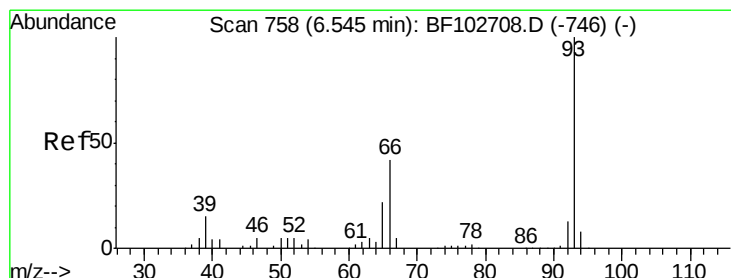
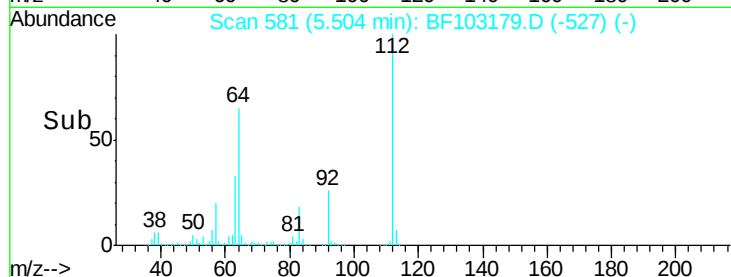
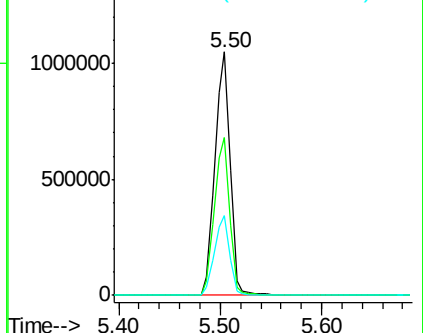
63 33.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.647 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

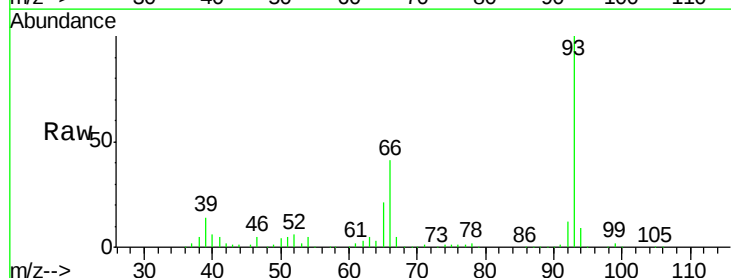
Tgt Ion: 93 Resp: 346514

Ion Ratio Lower Upper

93 100

66 41.4 32.2 48.2

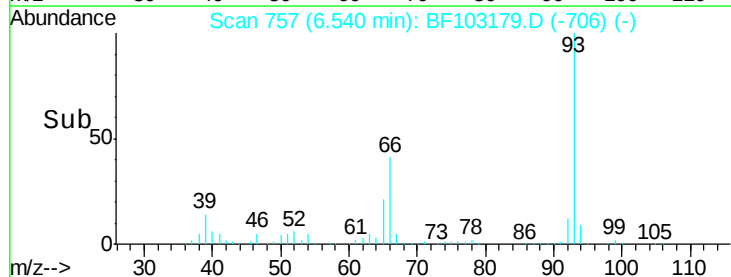
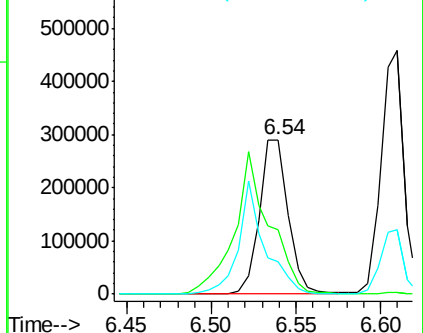
65 21.3 16.4 24.6

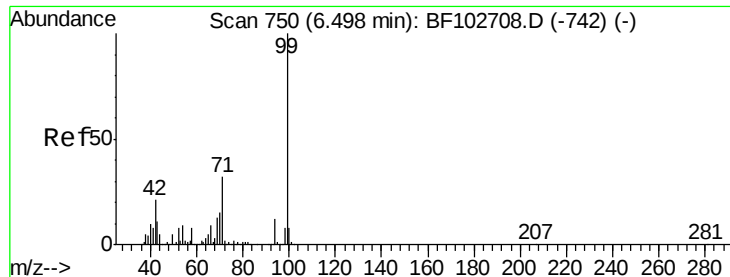


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.249 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

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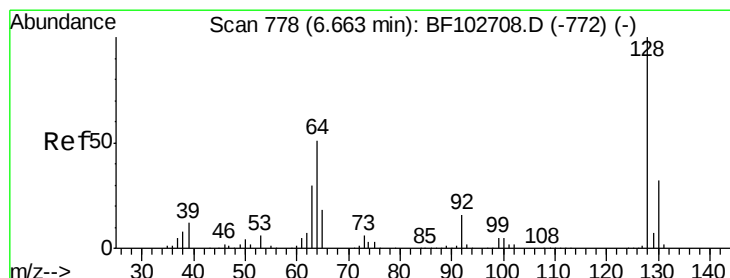
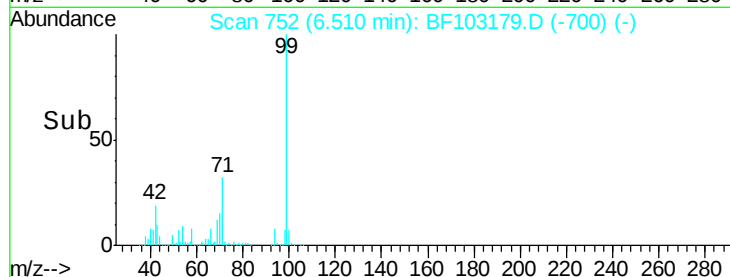
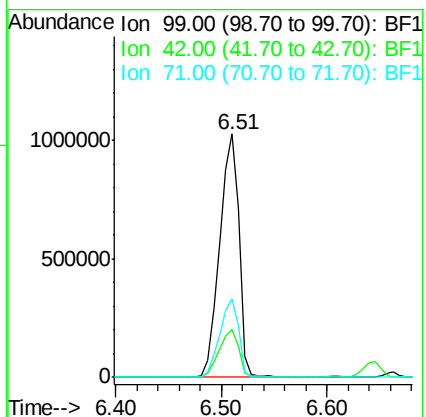
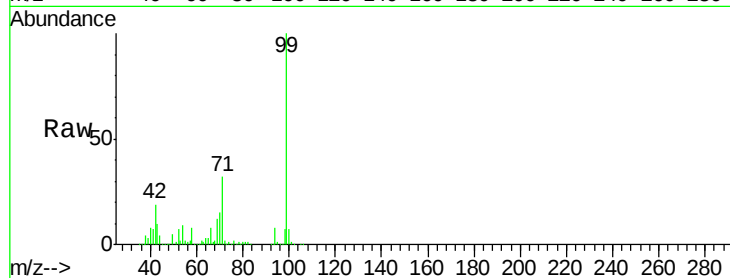
Tot Ion: 99 Resp: 1316058

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.2 25.4 38.0



#8

2-Chlorophenol

Concen: 34.167 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

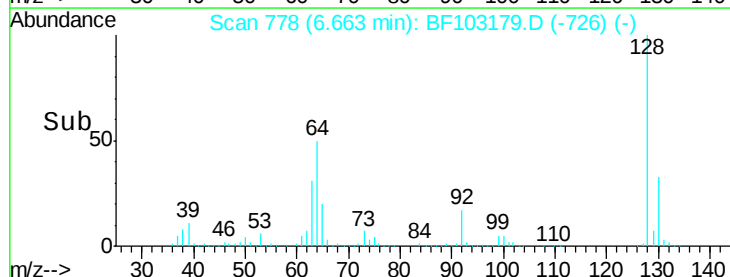
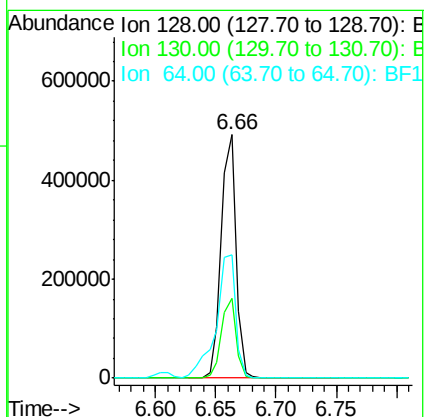
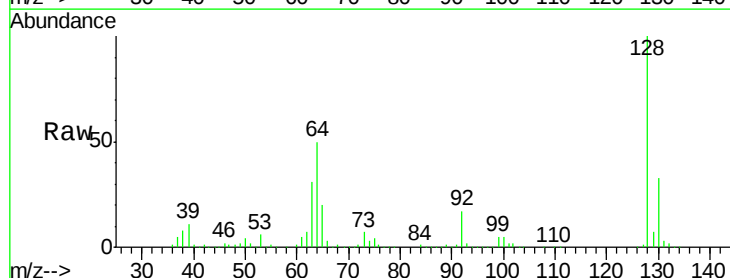
Tgt Ion: 128 Resp: 418354

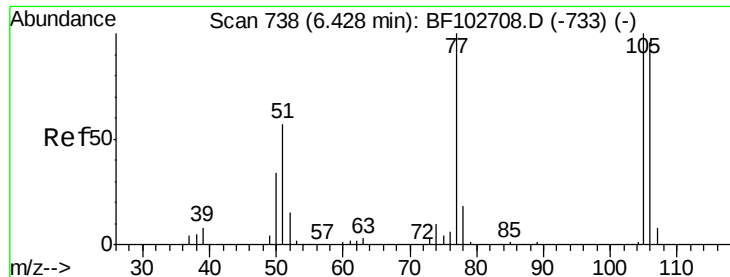
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 50.4 29.4 69.4





#9

Benzaldehyde

Concen: 27.209 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103179.D

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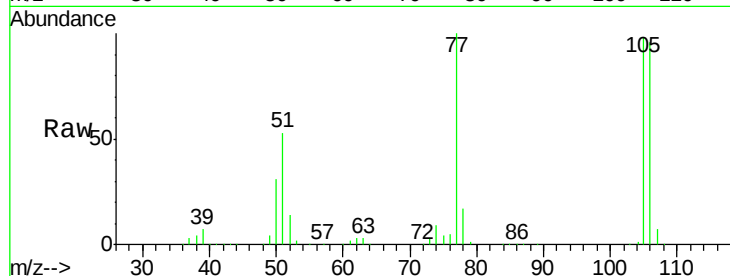
Tot Ion: 77 Resp: 261535

Ion Ratio Lower Upper

77 100

105 97.7 81.1 121.1

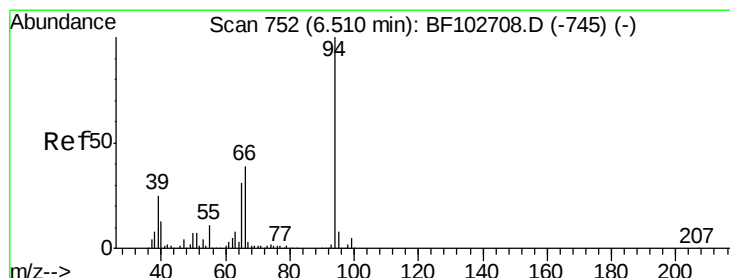
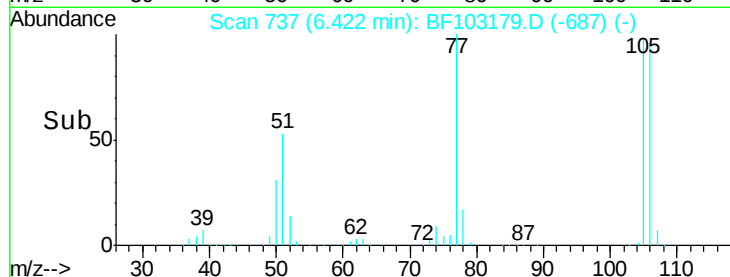
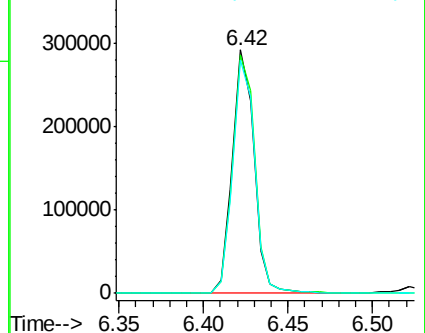
106 95.6 74.5 114.5



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: 31.493 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

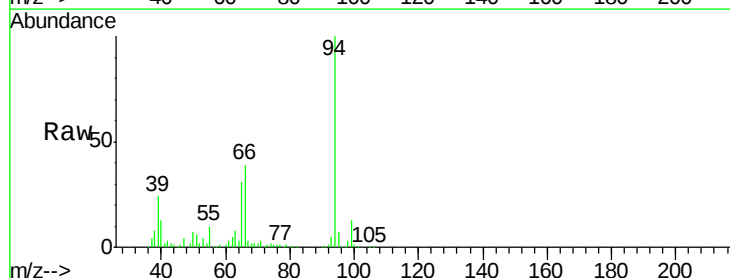
Tgt Ion: 94 Resp: 527289

Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

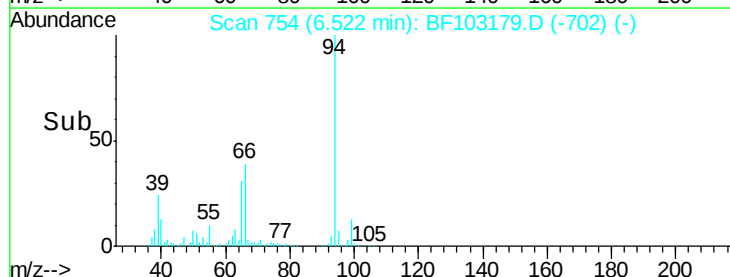
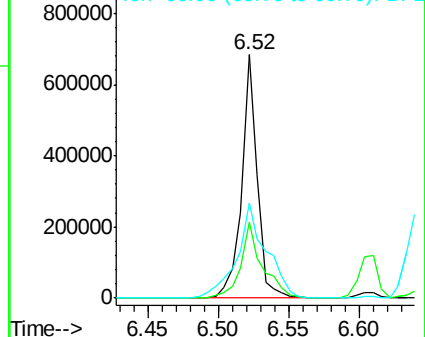
66 39.3 16.2 56.2

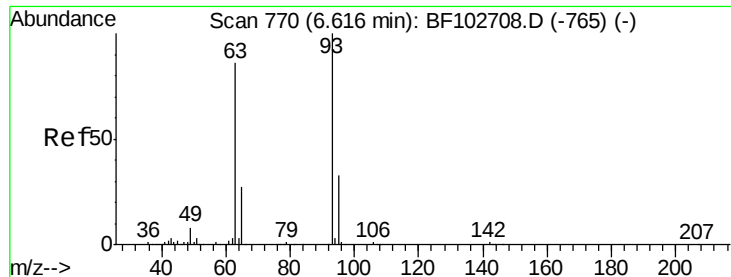


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.436 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

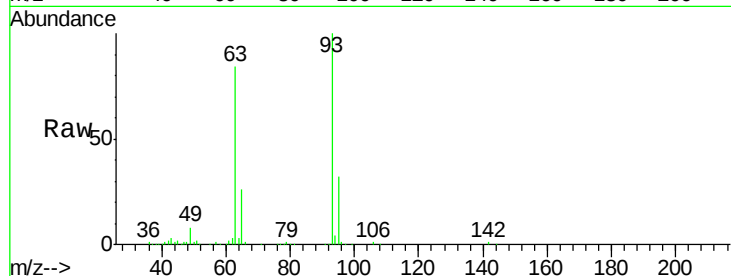
Tot Ion: 93 Resp: 424899

Ion Ratio Lower Upper

93 100

63 84.4 58.6 98.6

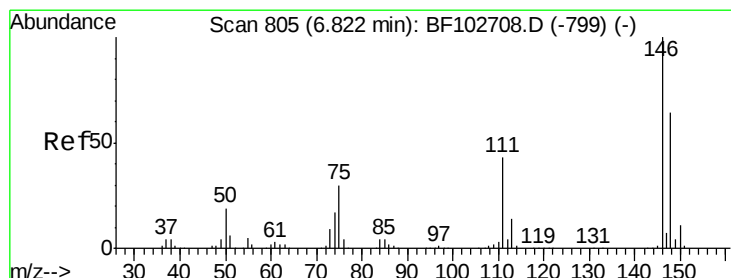
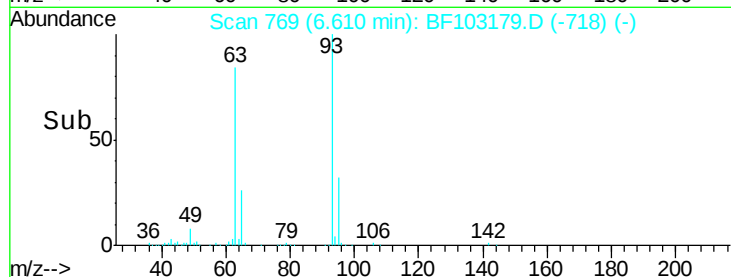
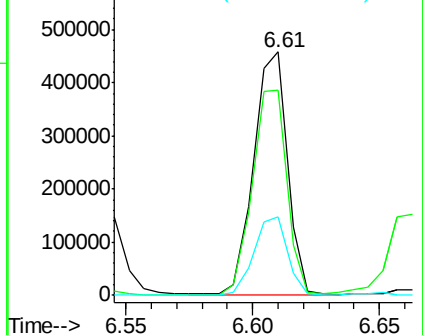
95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 32.013 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

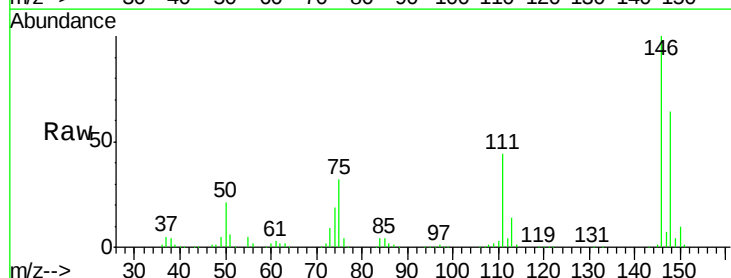
Tgt Ion: 146 Resp: 447946

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

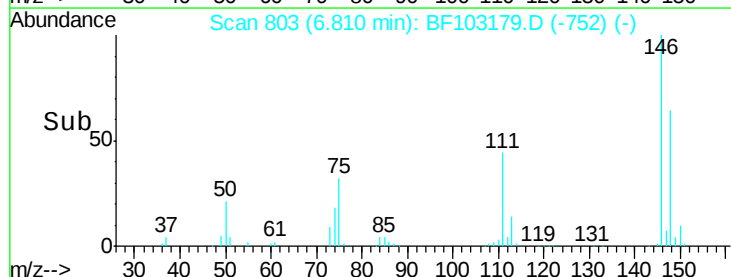
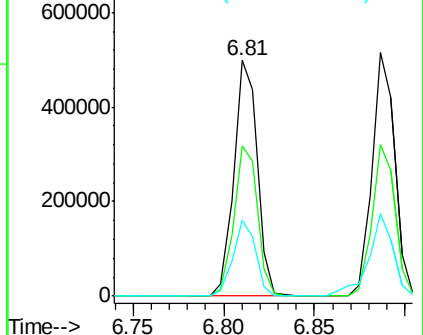
75 32.3 24.2 36.4

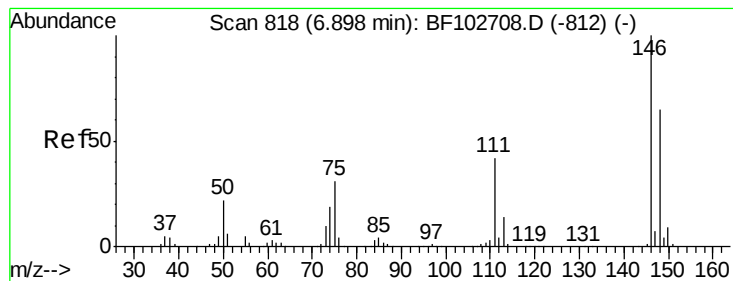


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 32.106 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

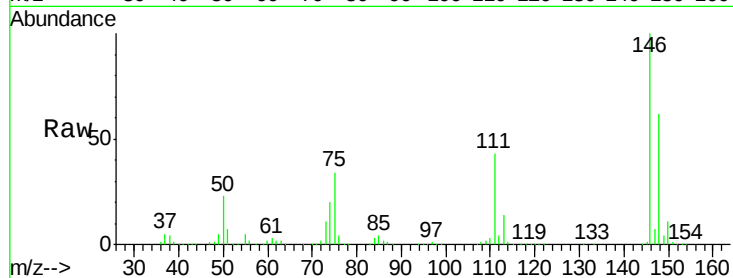
Tot Ion:146 Resp: 450406

Ion Ratio Lower Upper

146 100

148 62.2 50.8 76.2

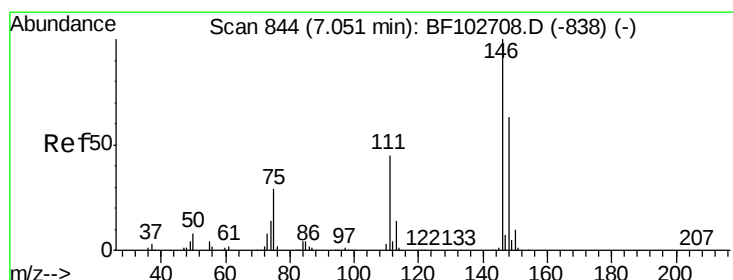
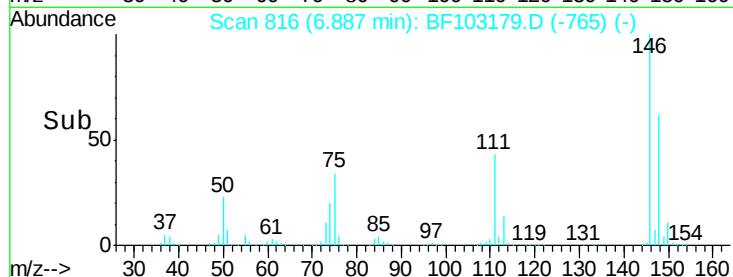
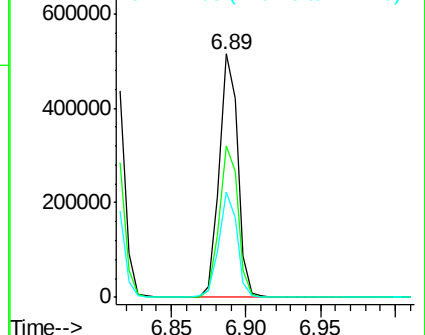
111 43.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.523 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

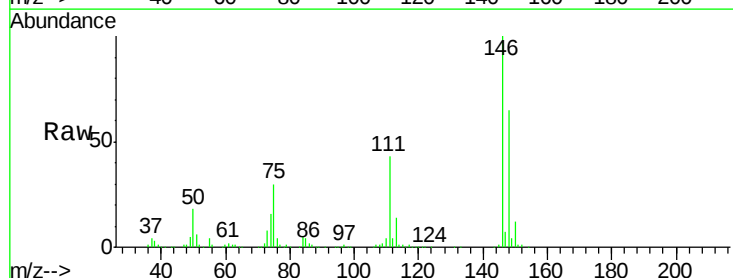
Tgt Ion:146 Resp: 407767

Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

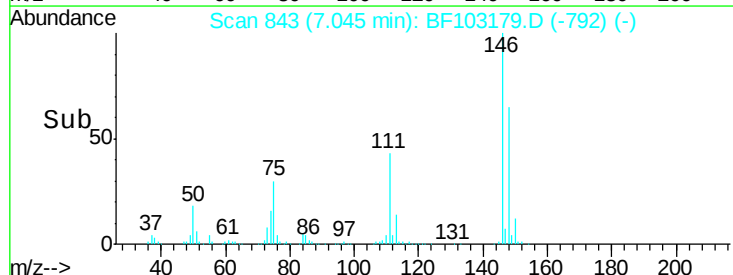
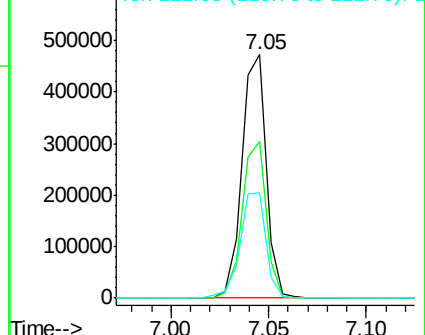
111 43.0 36.0 54.0

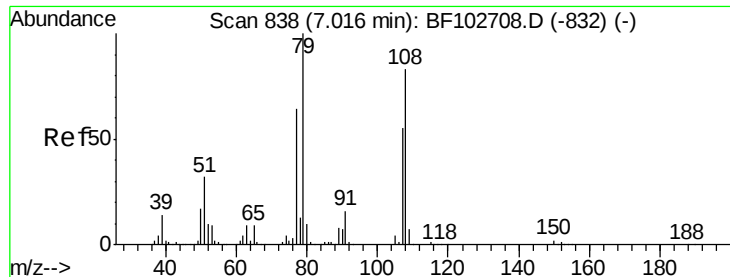


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.155 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

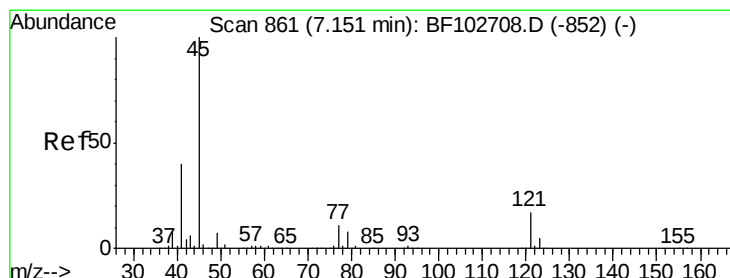
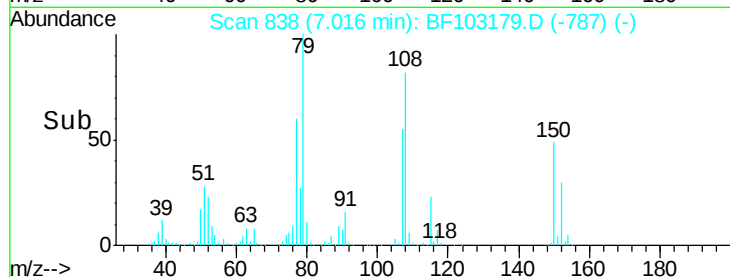
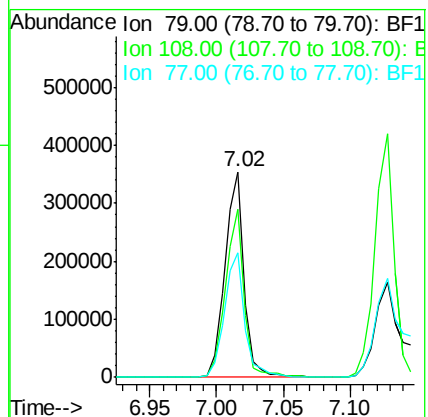
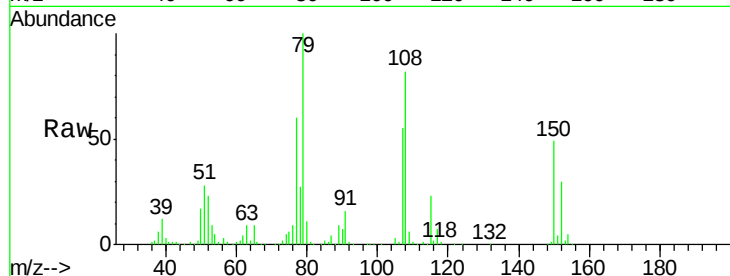
Tot Ion: 79 Resp: 360334

Ion Ratio Lower Upper

79 100

108 81.7 65.1 97.7

77 60.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.844 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

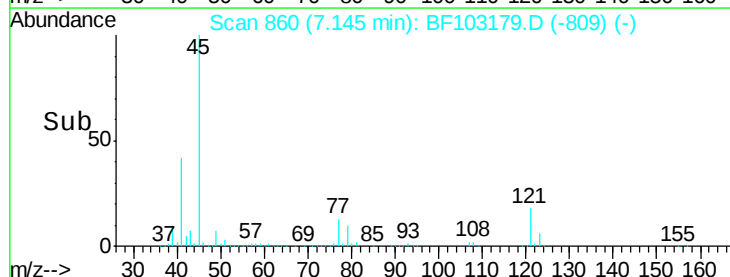
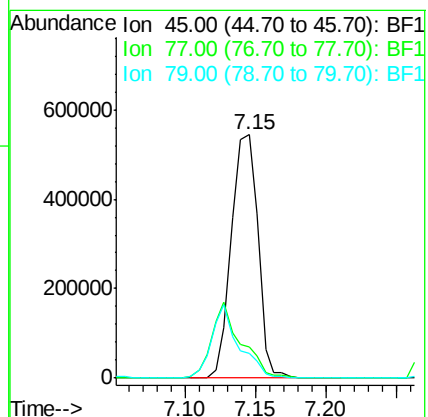
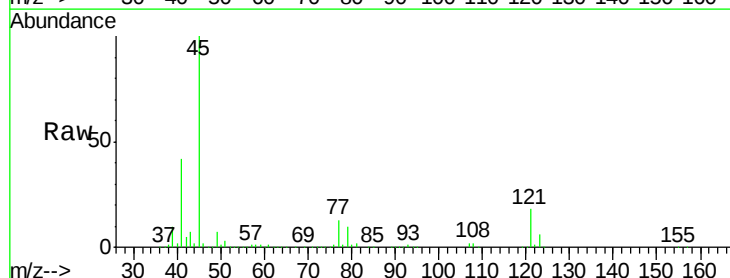
Tgt Ion: 45 Resp: 716721

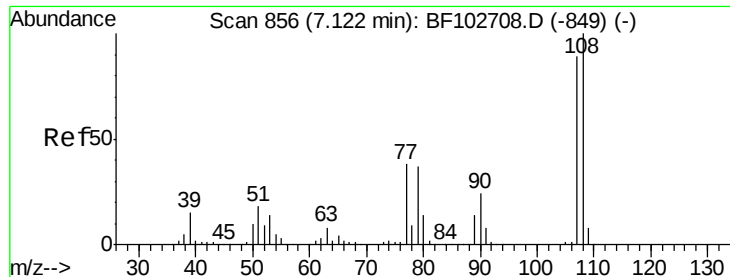
Ion Ratio Lower Upper

45 100

77 13.0 0.0 32.9

79 10.1 0.0 29.6





#17

2-Methylphenol

Concen: 32.664 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

Tot Ion:107 Resp: 363466

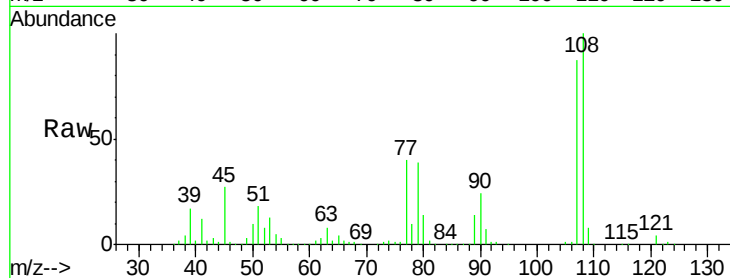
Ion Ratio Lower Upper

107 100

108 114.4 91.7 137.5

77 46.3 33.8 50.8

79 44.7 33.8 50.8

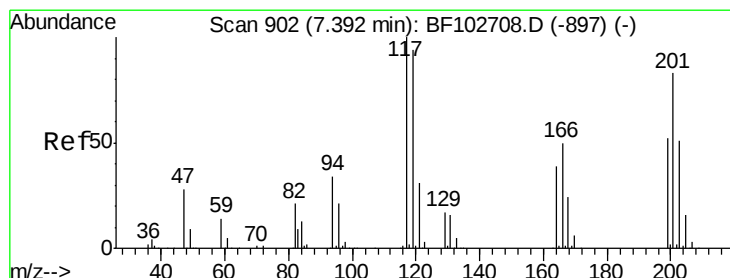
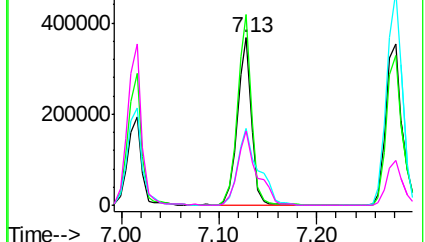
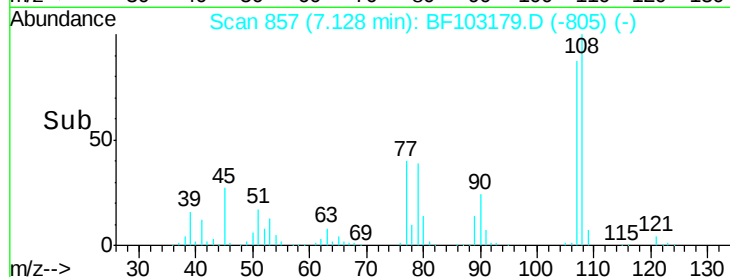


Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.838 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

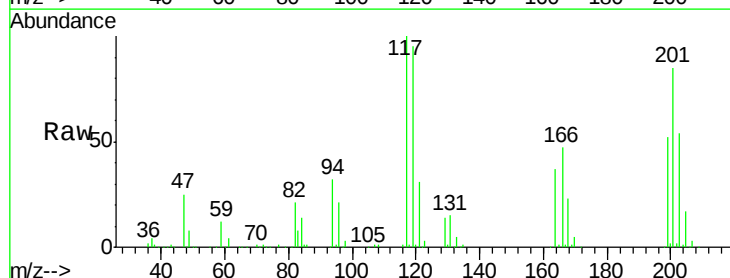
Tgt Ion:117 Resp: 147274

Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.8

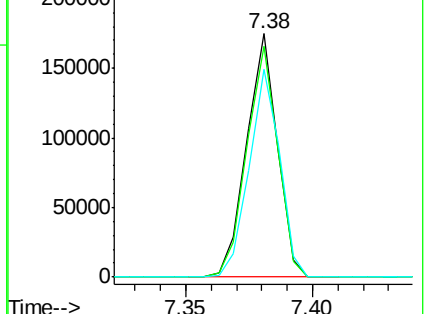
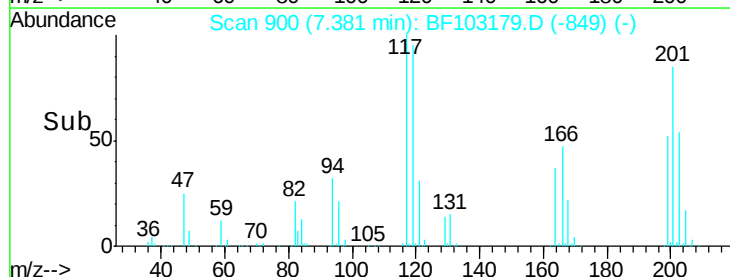
201 85.3 75.7 113.5

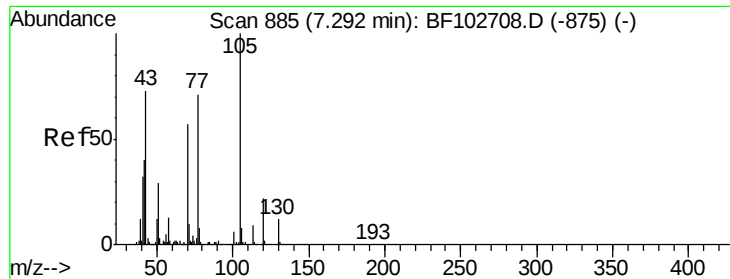


Abundance Ion 117.00 (116.70 to 117.70): E

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: 31.126 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

Tot Ion: 70 Resp: 279394

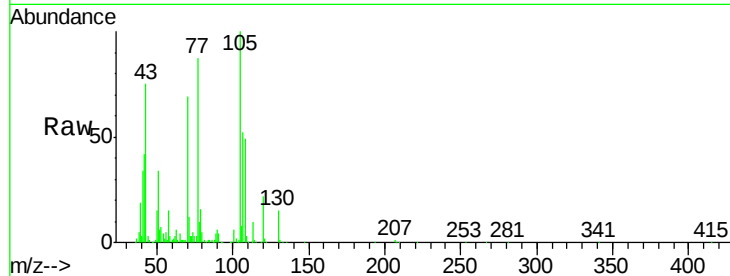
Ion Ratio Lower Upper

70 100

42 61.1 47.5 71.3

101 9.3 7.4 11.2

130 21.1 16.6 25.0

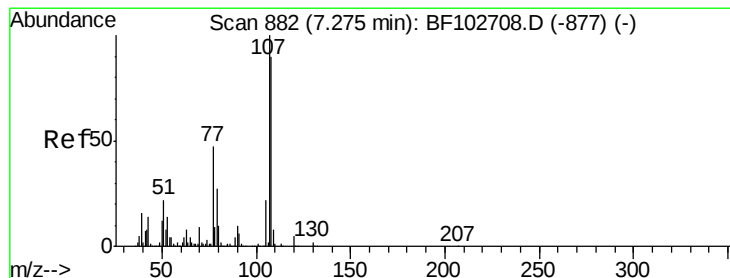
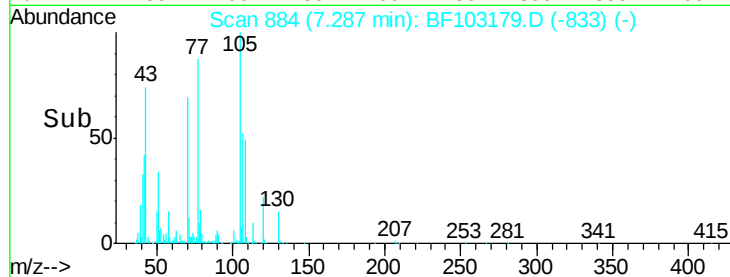
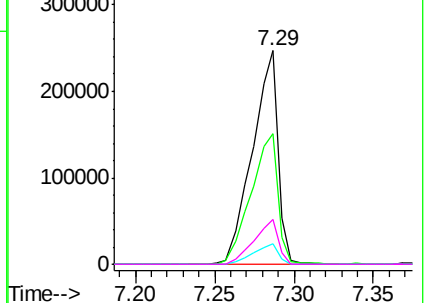


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 30.029 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Tgt Ion: 107 Resp: 407319

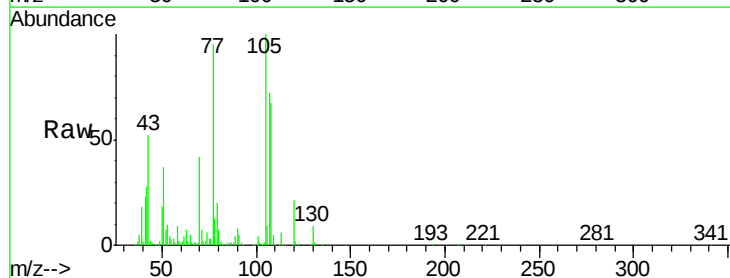
Ion Ratio Lower Upper

107 100

108 93.3 68.2 108.2

77 132.7 26.7 66.7#

79 27.9 6.3 46.3

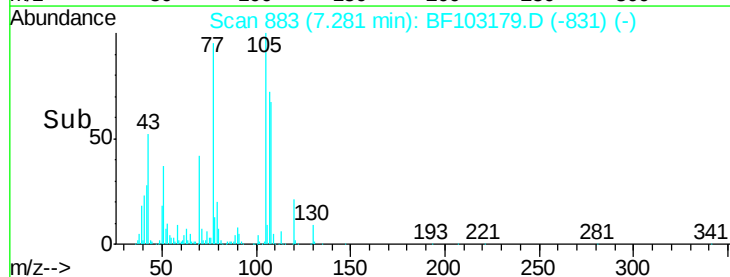
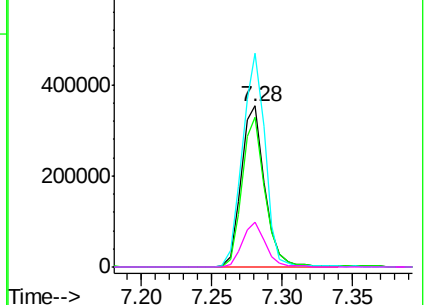


Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

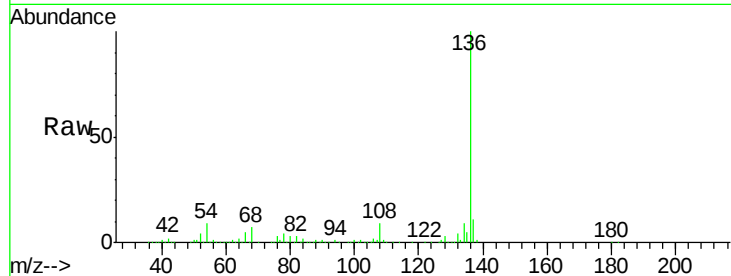




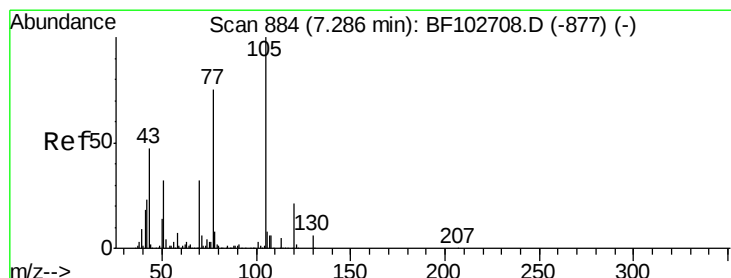
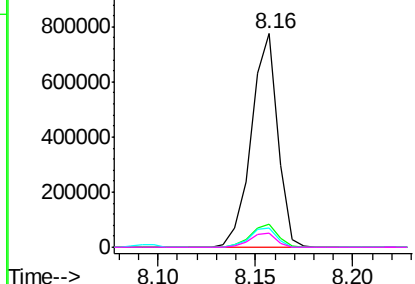
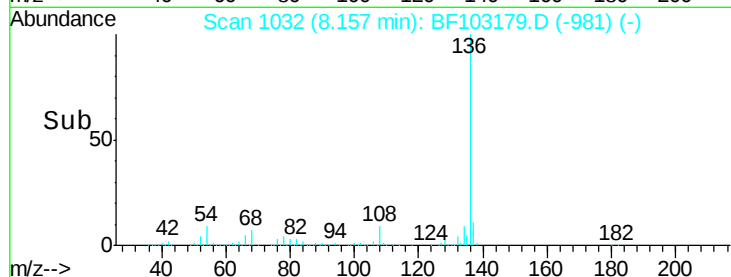
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion:136	Resp:	727845	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 8.8	6.6	9.8	
68 6.6	5.0	7.4	

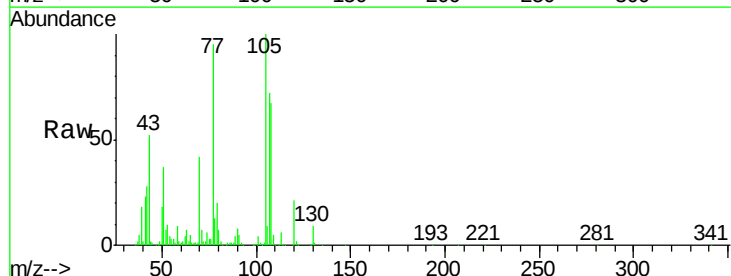


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

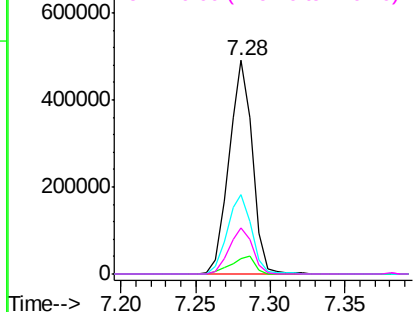
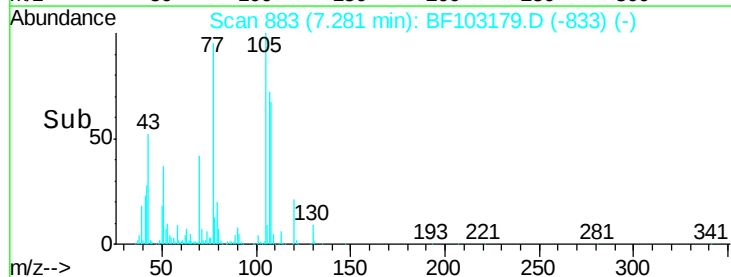


#22
Acetophenone
Concen: 31.923 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Tgt	Ion:105	Resp:	542337
Ion	Ratio	Lower	Upper
105	100		
71	7.2	4.4	6.6#
51	37.3	22.3	33.5#
120	21.4	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

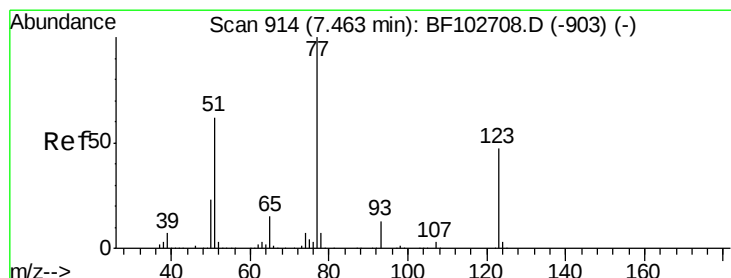
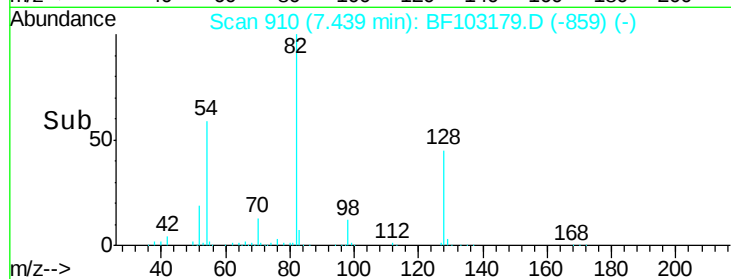
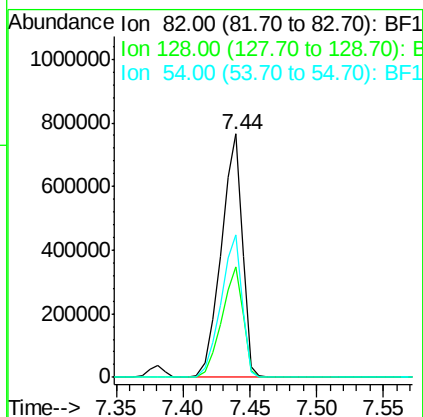
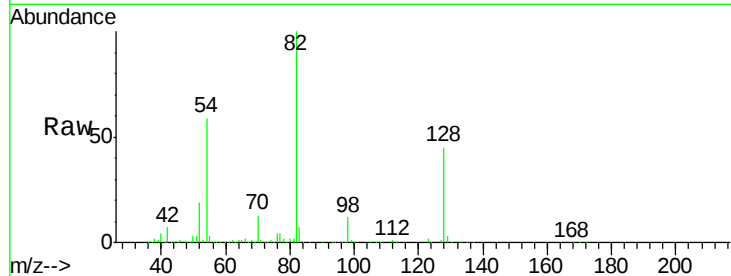




#23
Nitrobenzene-d5
Concen: 67.464 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

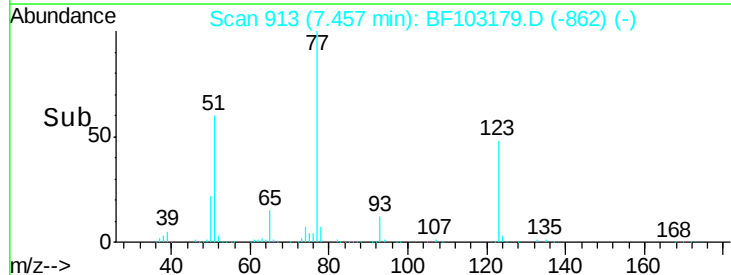
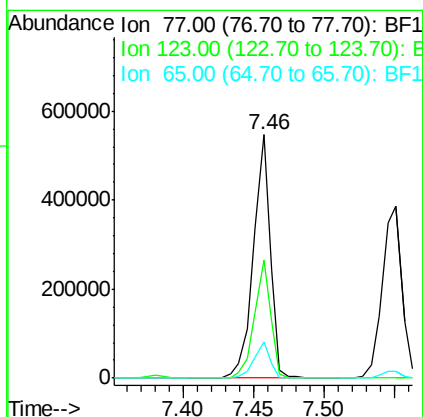
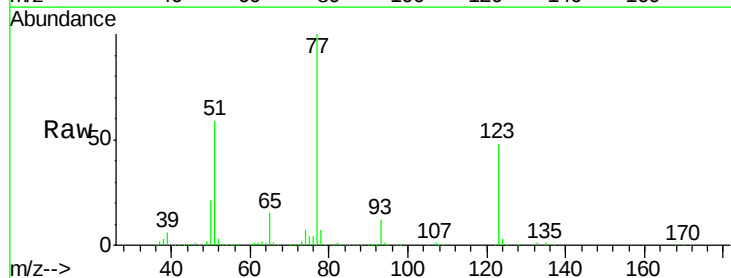
Instrument :
BNA_F
ClientSampleId :
PB106758BS

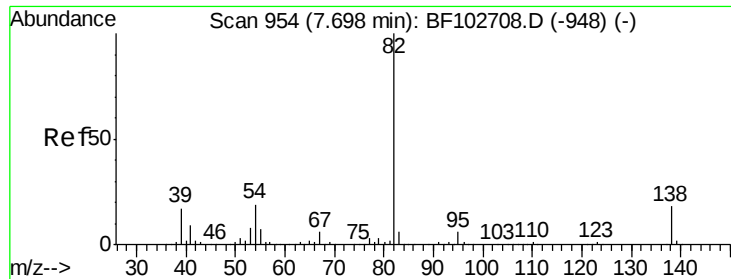
Tot Ion	82	Resp	859826
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	58.8	41.4	62.2



#24
Nitrobenzene
Concen: 32.750 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Tgt Ion	77	Resp	459552
Ion Ratio	Lower	Upper	
77	100		
123	48.4	37.9	56.9
65	14.9	11.0	16.4





#25

Isophorone

Concen: 33.975 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

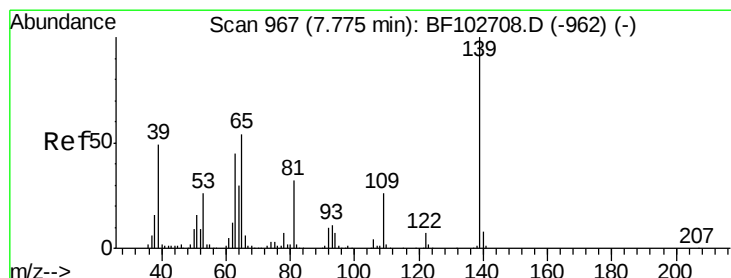
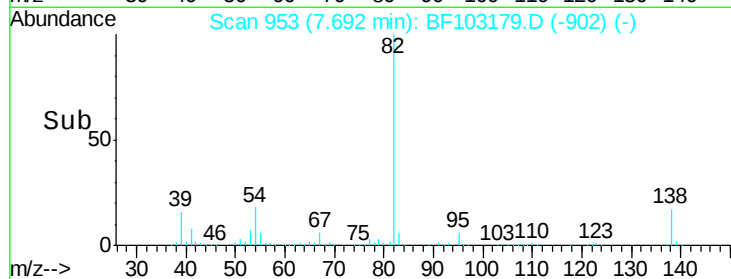
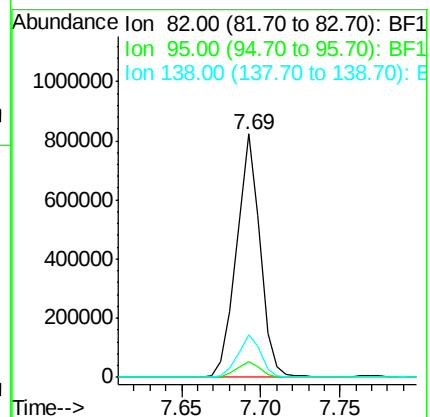
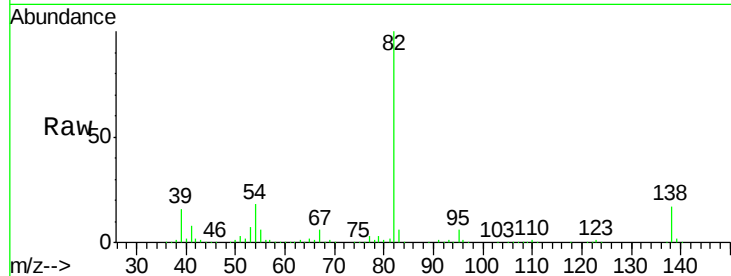
Tot Ion: 82 Resp: 852830

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 33.675 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

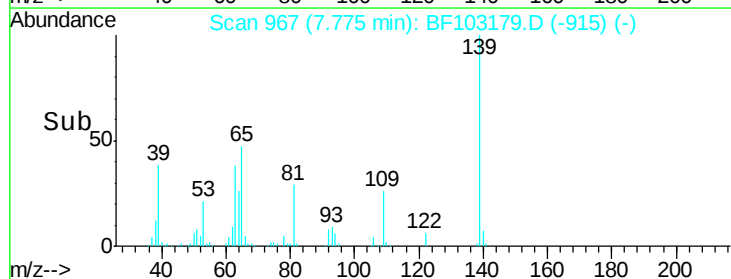
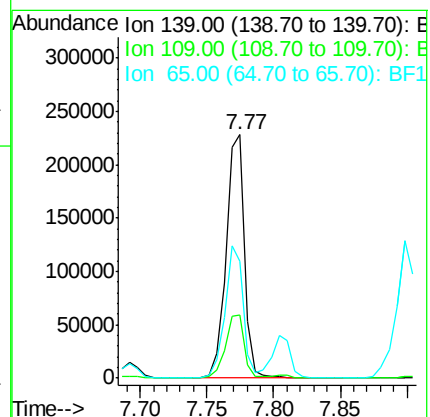
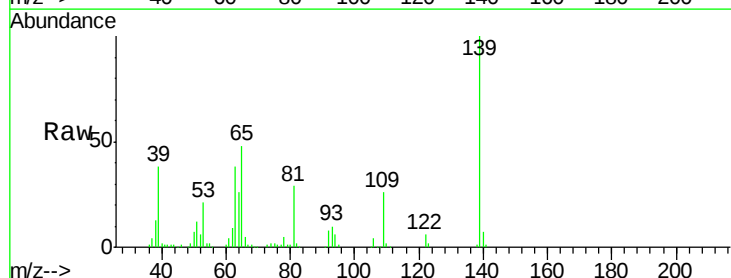
Tgt Ion: 139 Resp: 222451

Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

65 47.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.998 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

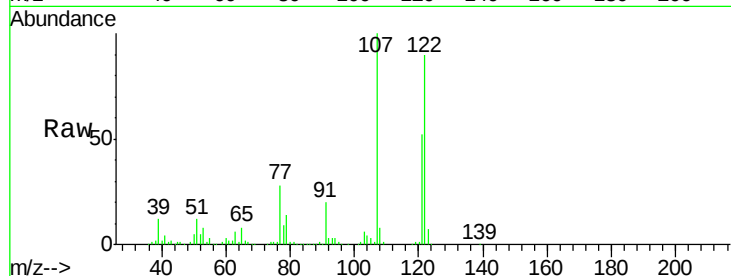
Tot Ion:122 Resp: 373578

Ion Ratio Lower Upper

122 100

107 110.9 91.2 136.8

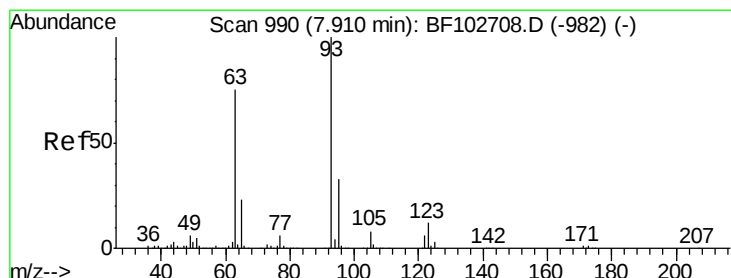
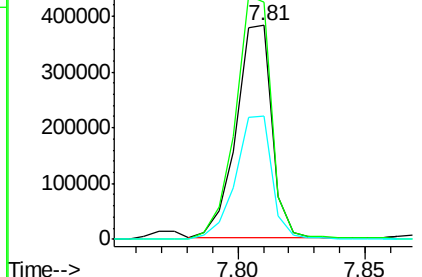
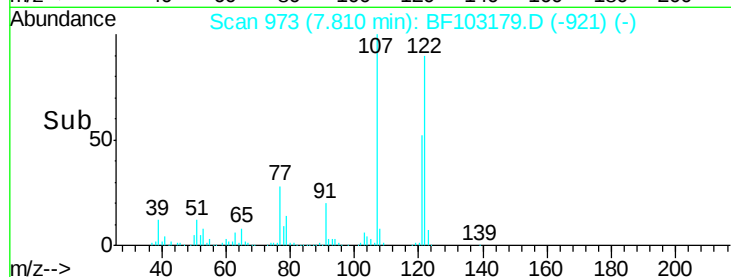
121 57.5 47.2 70.8



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: 36.235 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

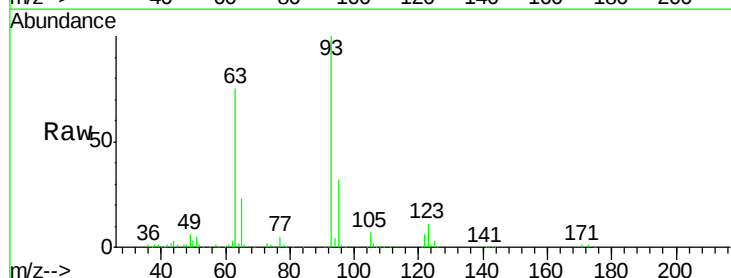
Tgt Ion: 93 Resp: 534754

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

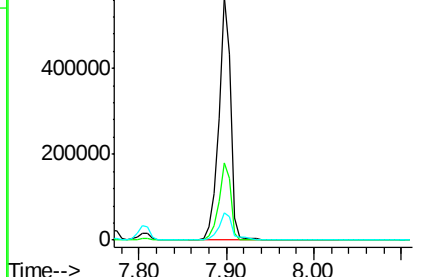
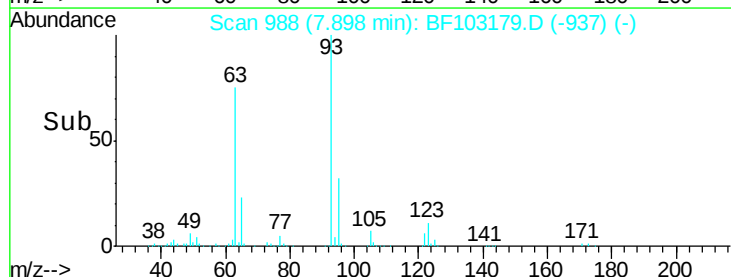
123 11.4 9.8 14.6



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

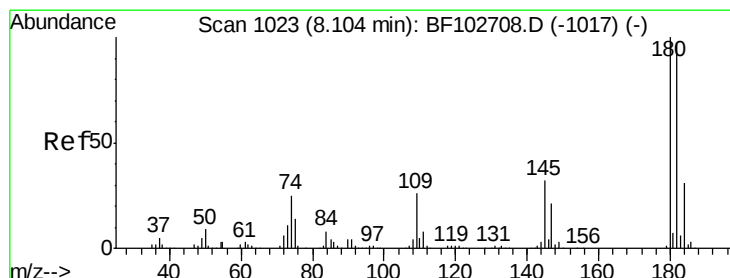
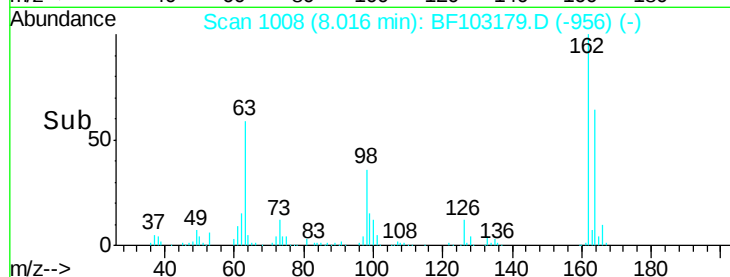
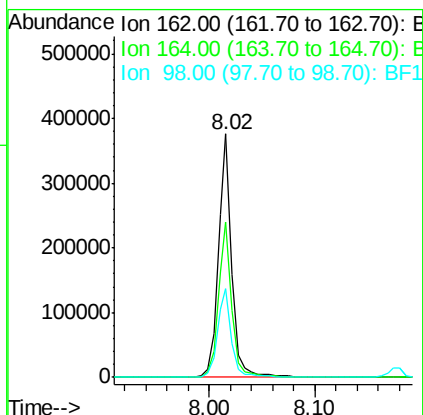
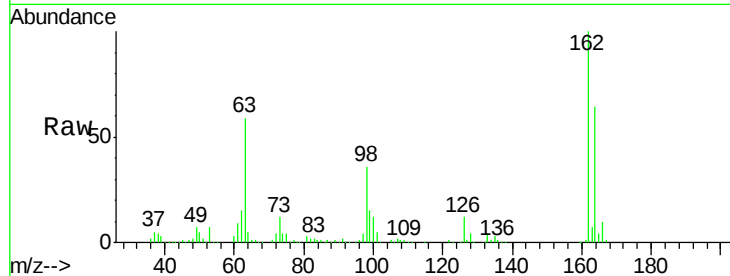




#29
 2,4-Dichlorophenol
 Concen: 34.861 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

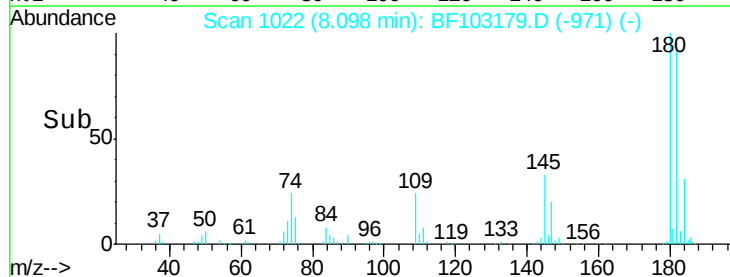
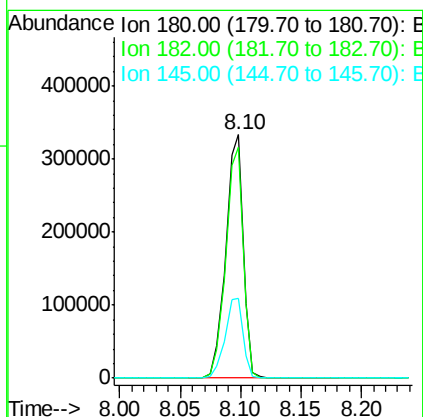
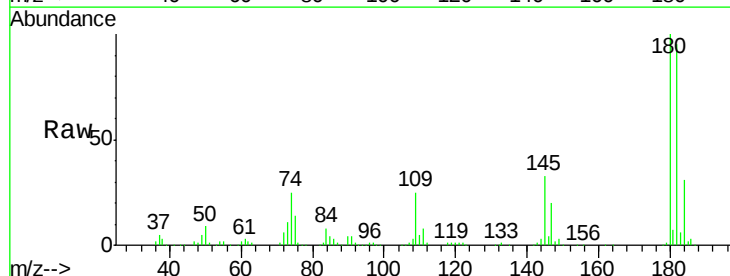
Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

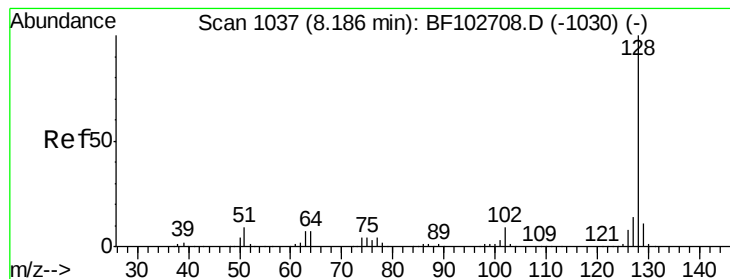
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	36.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.492 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.8	115.2
145	32.6	26.5	39.7





#31

Naphthalene

Concen: 32.819 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

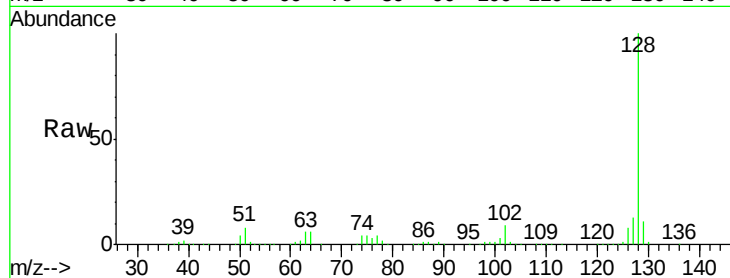
Tot Ion:128 Resp: 1169470

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

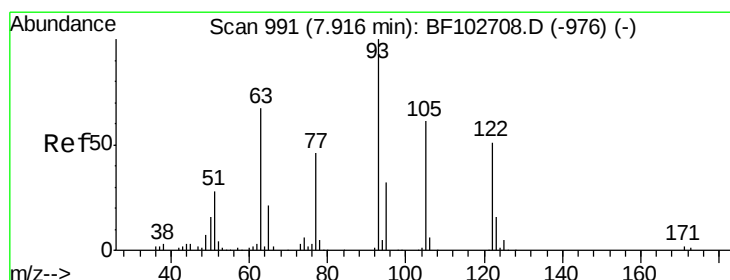
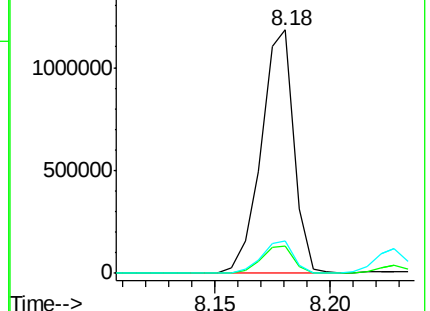
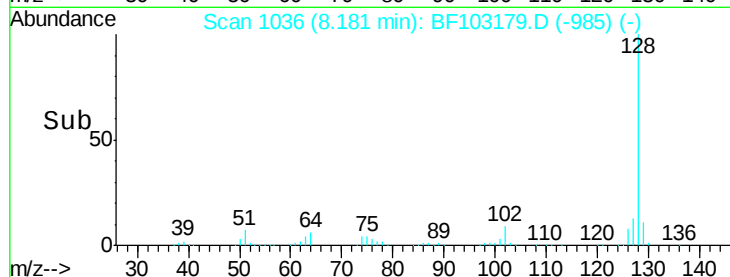
127 13.4 10.9 16.3



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: 23.366 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

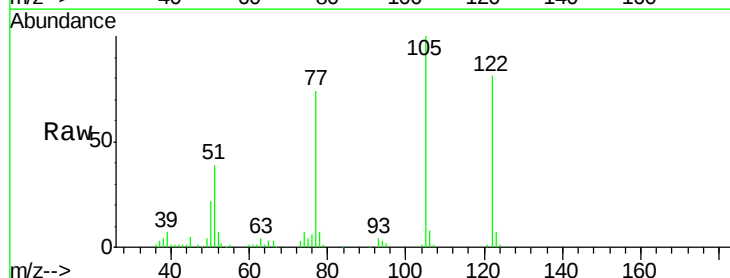
Tgt Ion:122 Resp: 143988

Ion Ratio Lower Upper

122 100

105 123.6 101.1 141.1

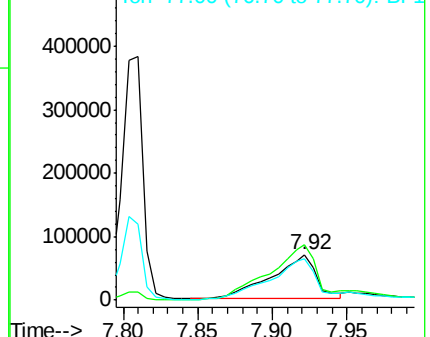
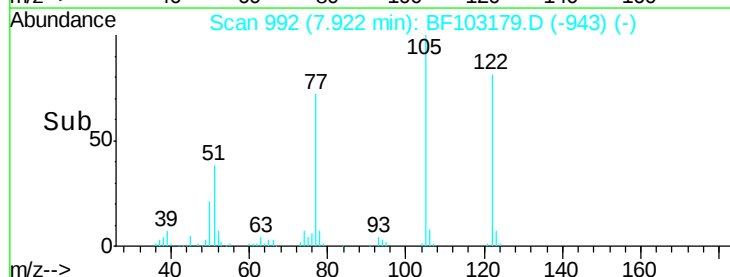
77 90.8 70.7 110.7

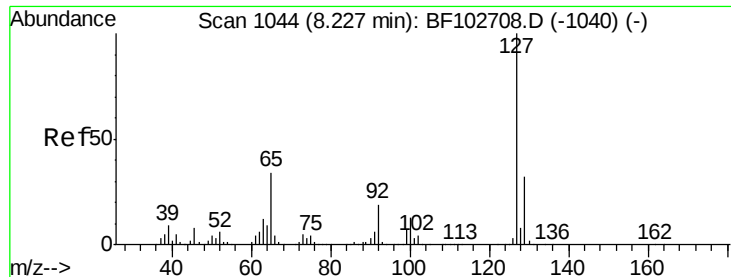


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

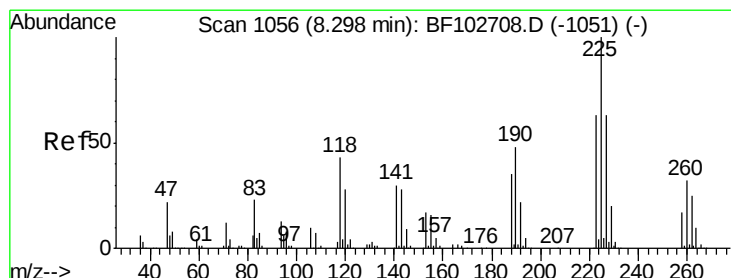
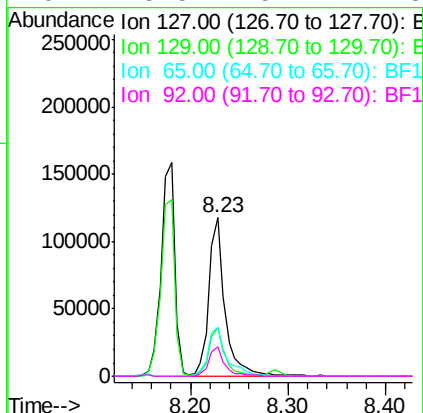
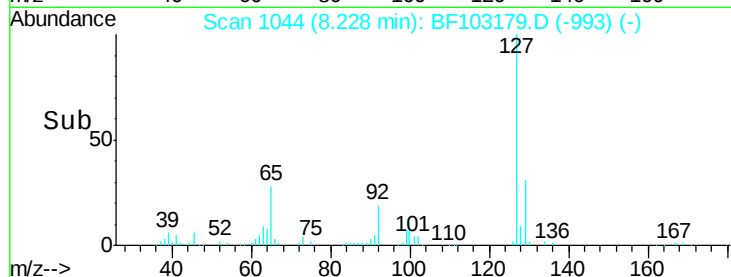
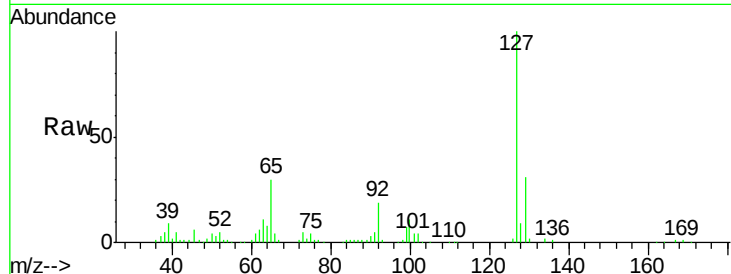




#33
 4-Chloroaniline
 Concen: 8.796 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

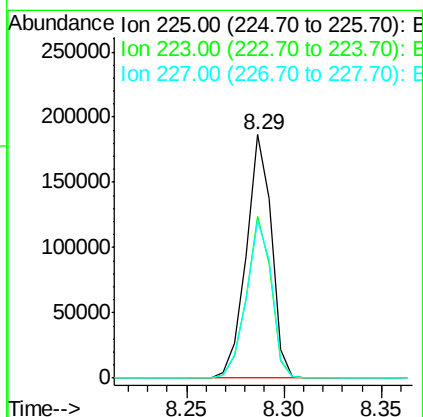
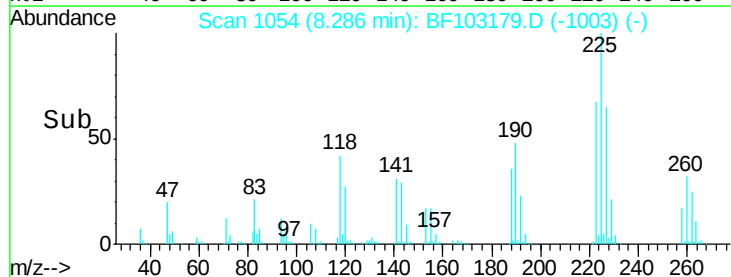
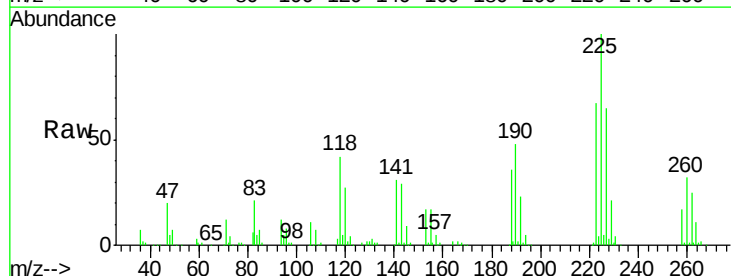
Instrument :
 BNA_F
 ClientSampleID :
 PB106758BS

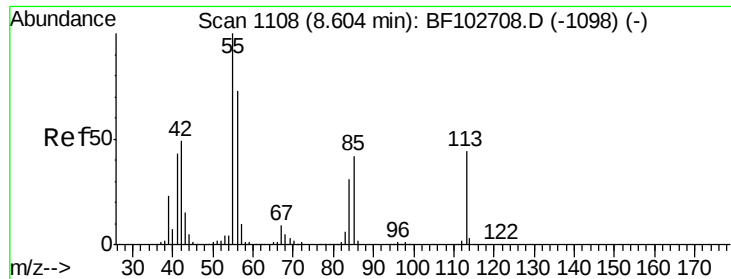
Tot Ion:	127	Resp:	135249
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	30.3	25.0	37.4
92	18.5	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 31.150 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

Tgt Ion:	225	Resp:	166991
Ion	Ratio	Lower	Upper
225	100		
223	66.7	50.6	76.0
227	64.7	51.9	77.9





#35

Caprolactam

Concen: 31.721 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

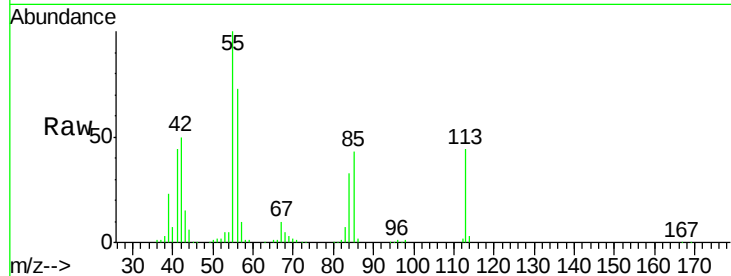
Tot Ion:113 Resp: 107776

Ion Ratio Lower Upper

113 100

55 225.6 163.3 203.3#

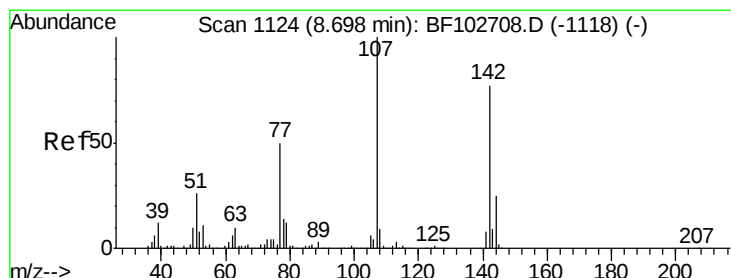
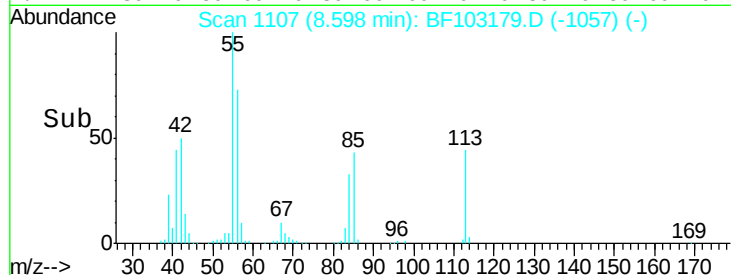
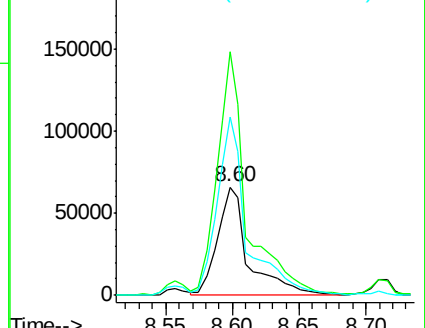
56 164.8 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 33.436 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

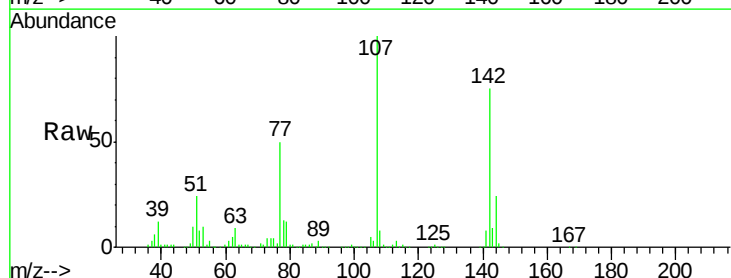
Tgt Ion:107 Resp: 364578

Ion Ratio Lower Upper

107 100

144 24.3 20.5 30.7

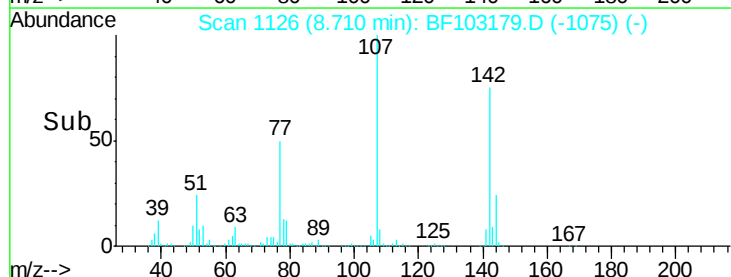
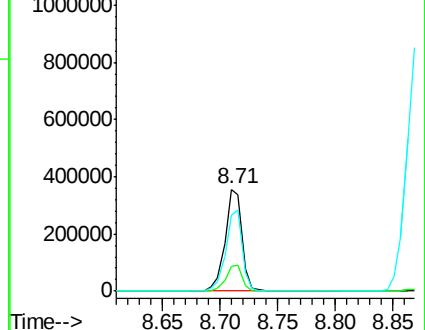
142 75.0 62.0 93.0

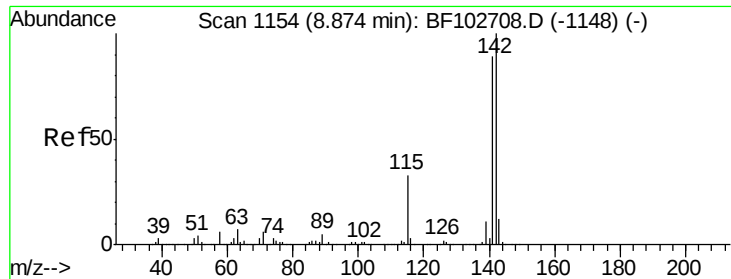


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

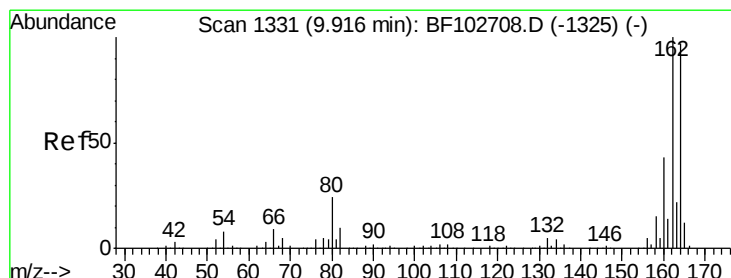
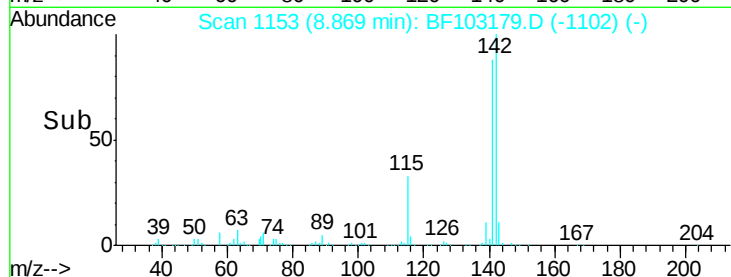
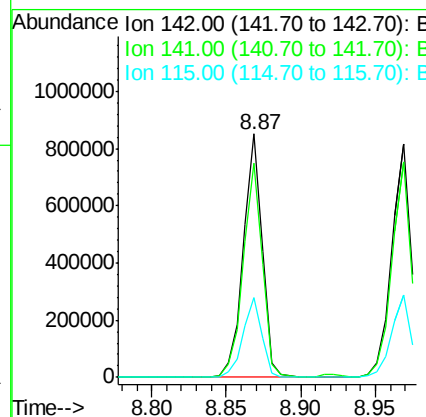
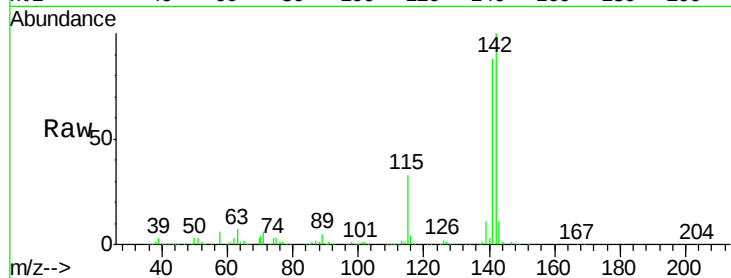




#37
2-Methylnaphthalene
Concen: 32.876 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

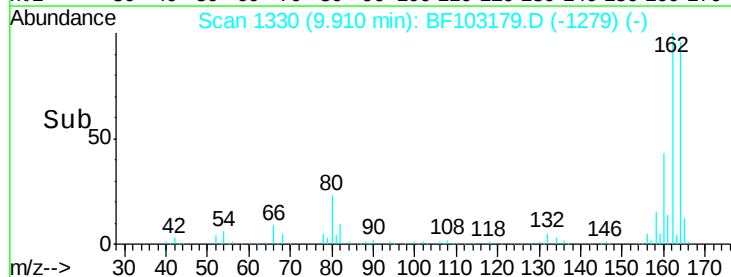
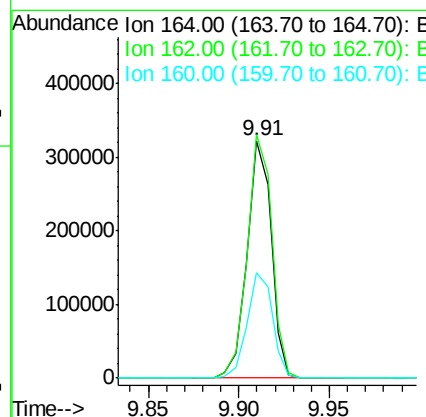
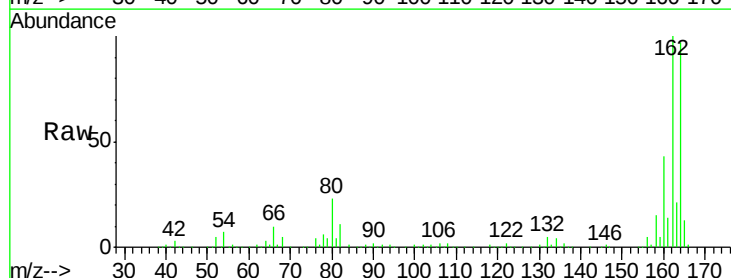
Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion:142 Resp: 757106
Ion Ratio Lower Upper
142 100
141 87.9 70.8 106.2
115 32.8 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Tgt Ion:164 Resp: 299044
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 44.4 38.3 57.5

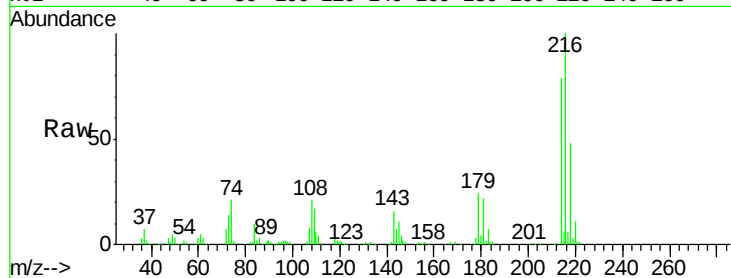




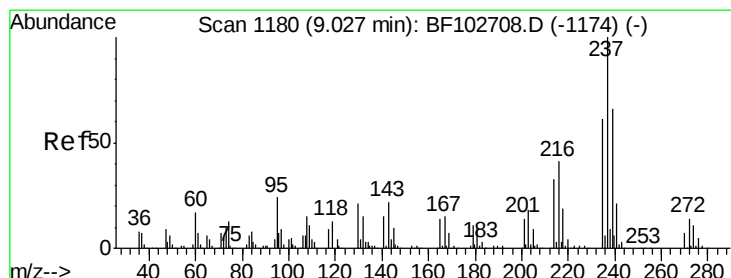
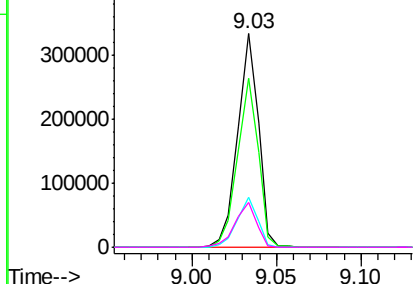
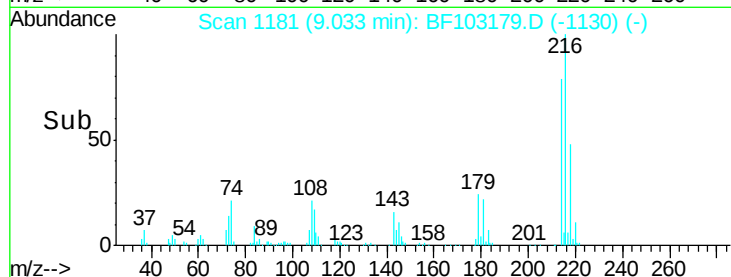
#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.864 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion:216 Resp: 285022
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 23.1 18.1 27.1
108 21.8 17.2 25.8

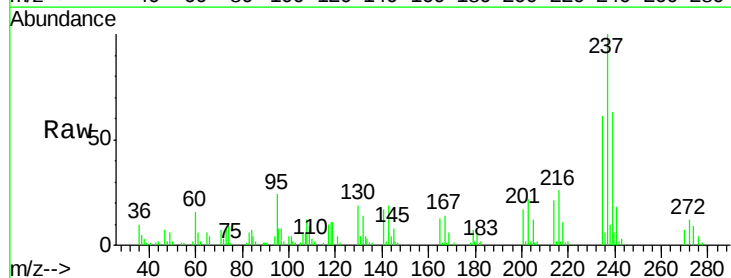


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

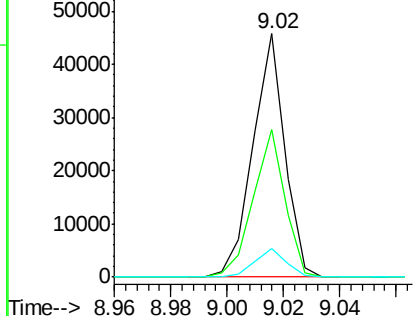
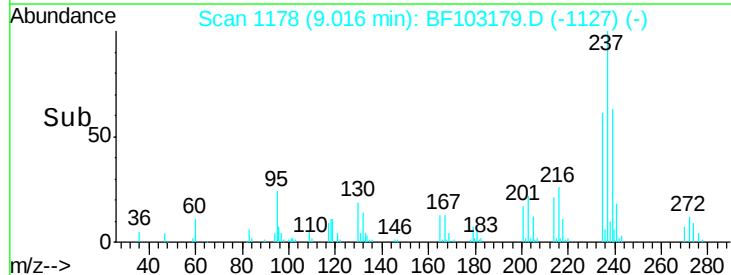


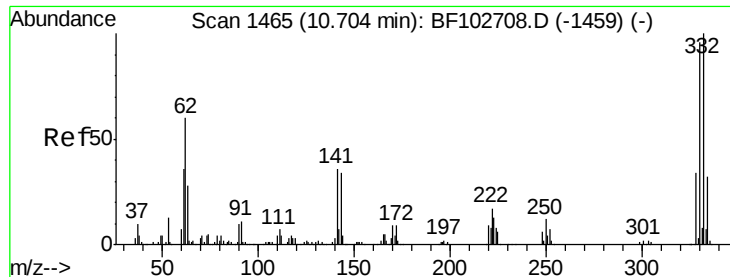
#40
Hexachlorocyclopentadiene
Concen: 19.907 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Tgt Ion:237 Resp: 35740
Ion Ratio Lower Upper
237 100
235 60.6 44.8 84.8
272 11.8 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

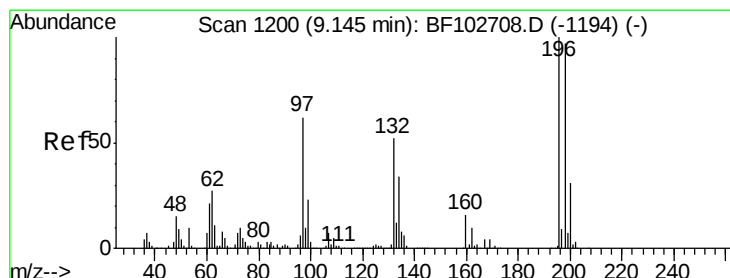
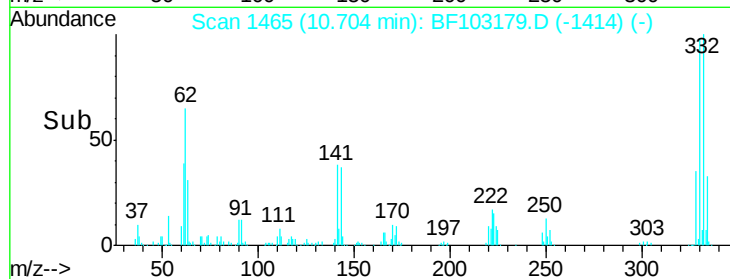
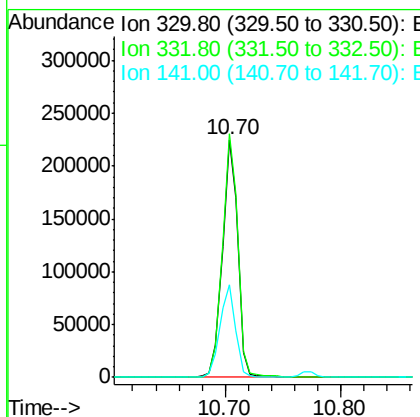
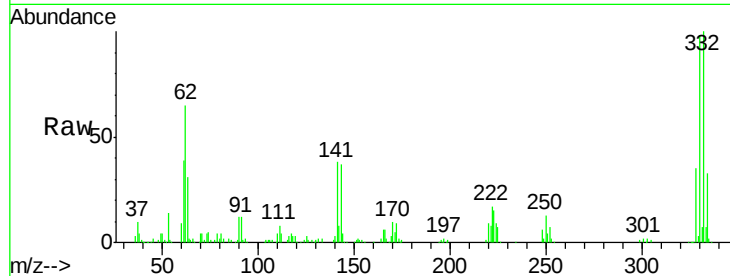




#41
 2,4,6-Tribromophenol
 Concen: 82.645 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

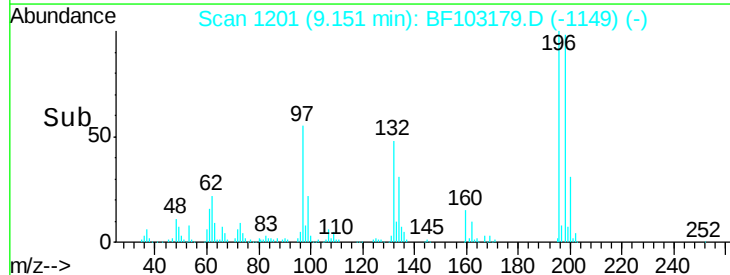
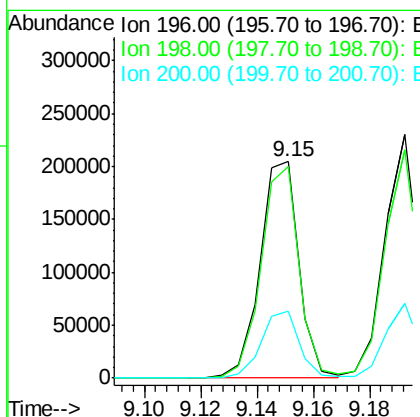
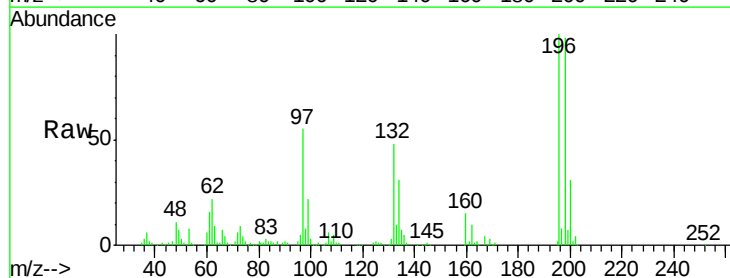
Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.1	77.0	115.6
141	39.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 35.555 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	75.7	113.5
200	31.0	24.5	36.7

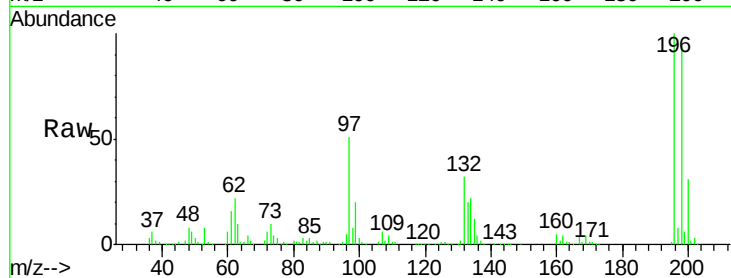




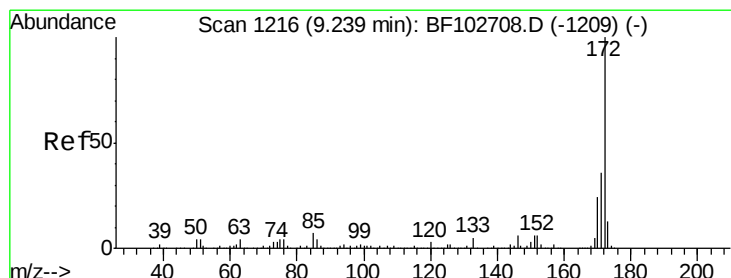
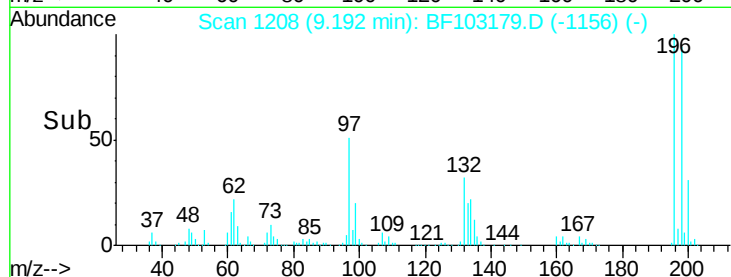
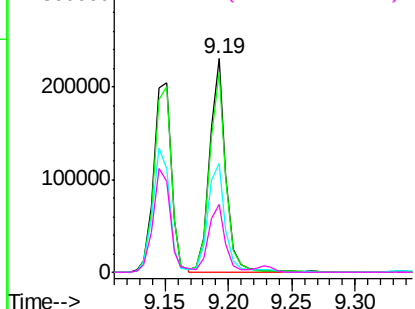
#43
 2,4,5-Trichlorophenol
 Concen: 32.217 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	74.6	112.0
97	51.1	42.9	64.3
132	31.7	26.3	39.5

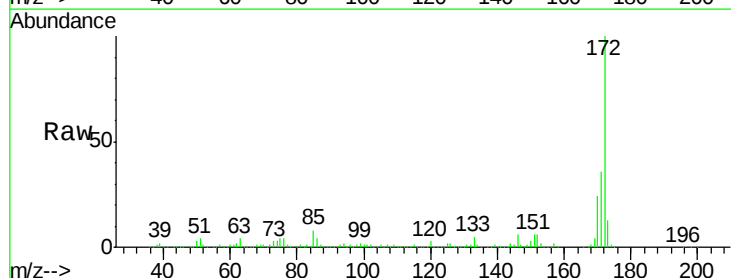


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

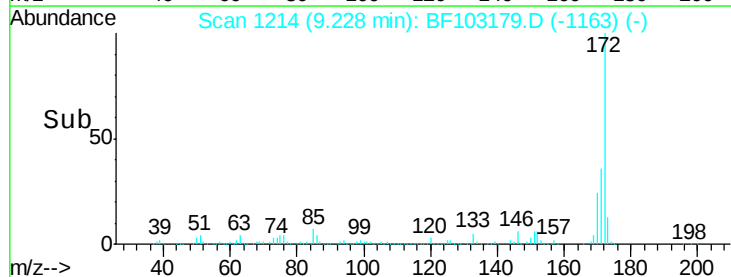
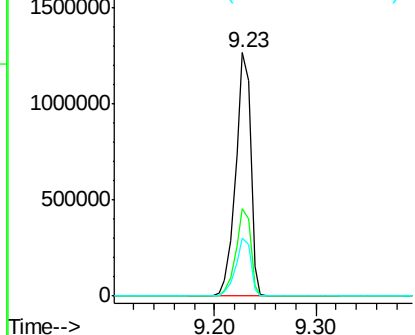


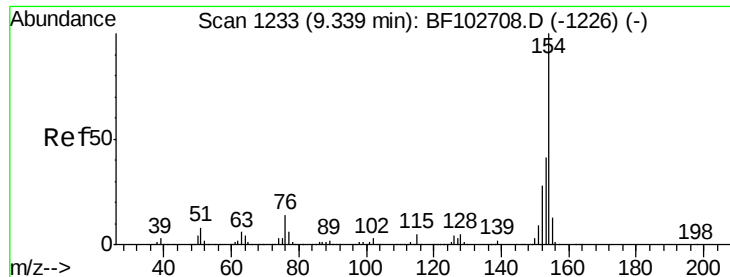
#44
 2-Fluorobiphenyl
 Concen: 72.204 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.0	19.6	29.4



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

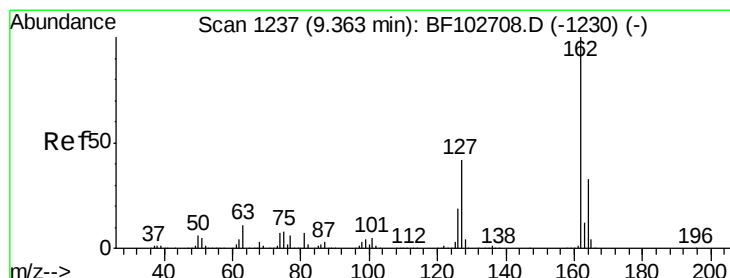
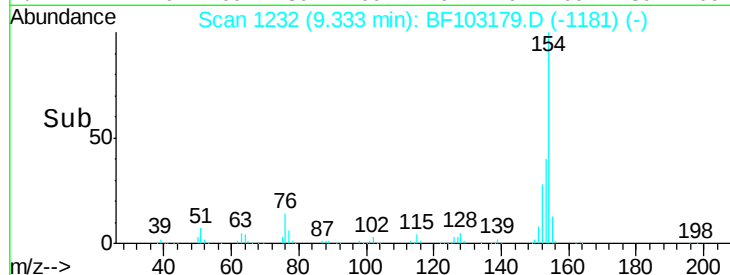
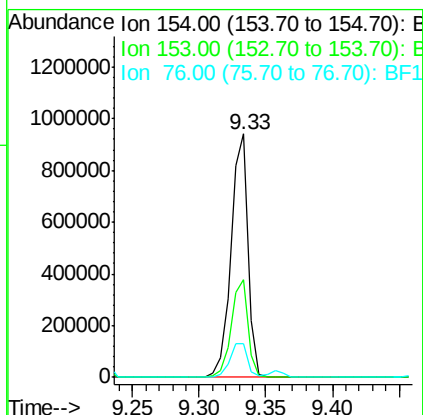
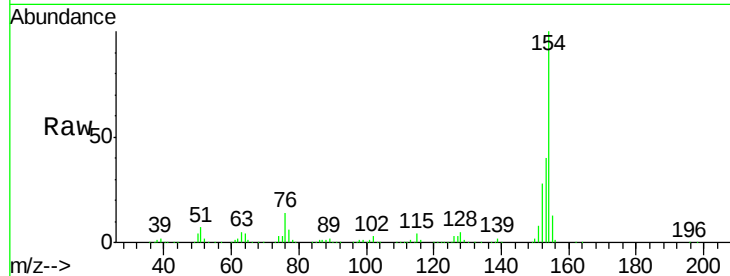




#45
 1,1'-Biphenyl
 Concen: 33.716 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

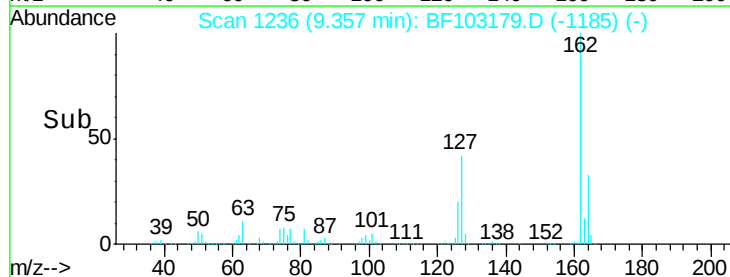
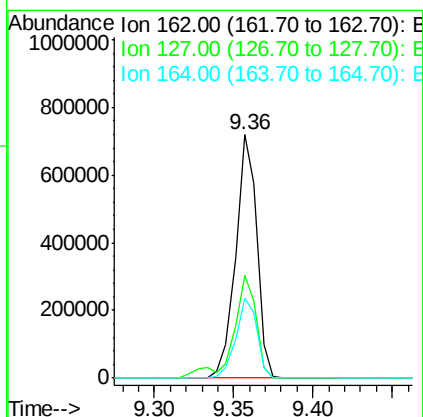
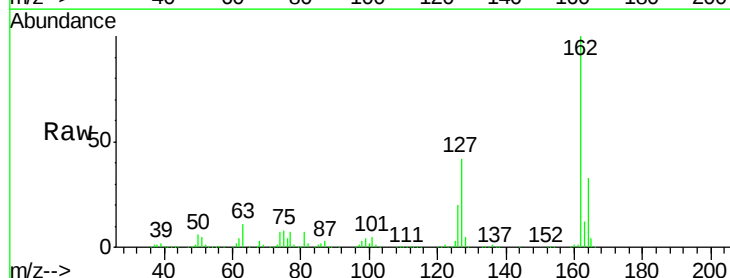
Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

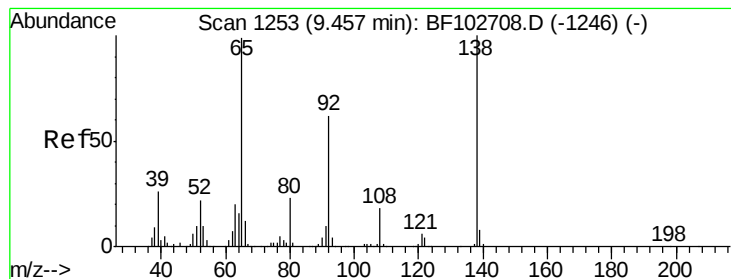
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	13.6	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 33.649 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.9	50.9
164	32.8	26.5	39.7





#47

2-Nitroaniline

Concen: 34.766 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

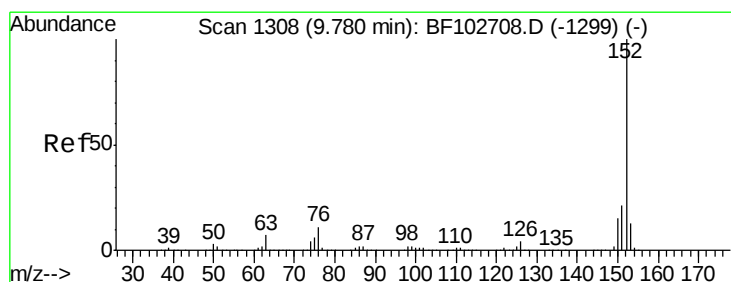
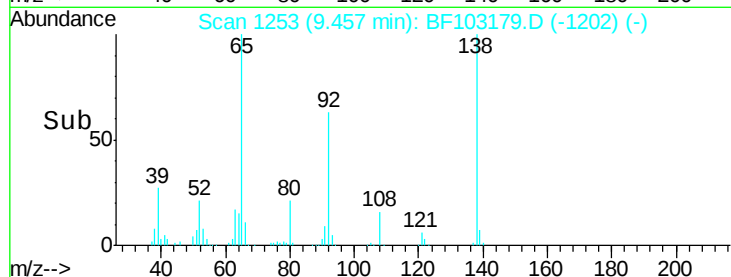
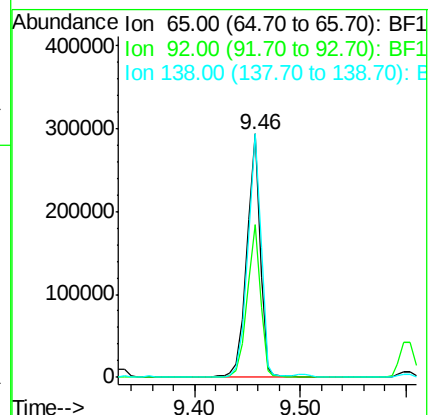
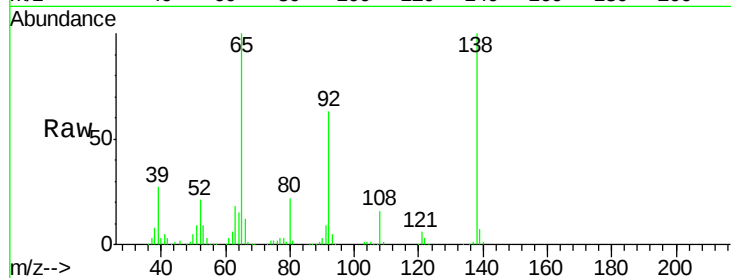
Tot Ion: 65 Resp: 255300

Ion Ratio Lower Upper

65 100

92 62.8 55.8 83.6

138 99.8 91.2 136.8



#48

Acenaphthylene

Concen: 32.320 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

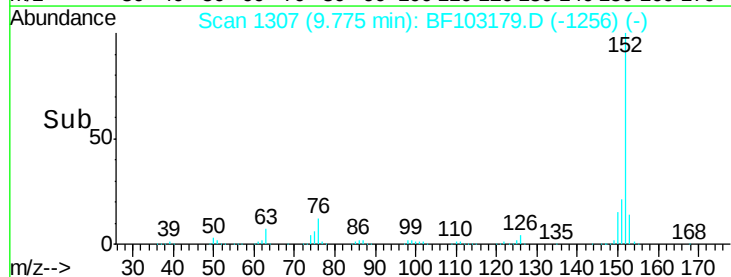
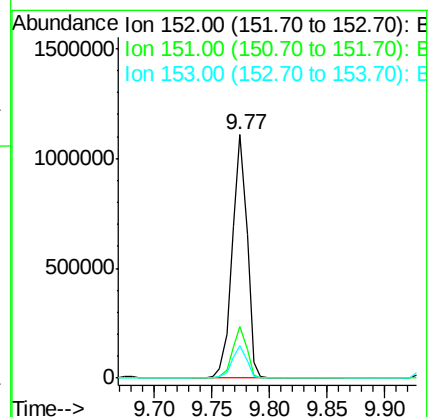
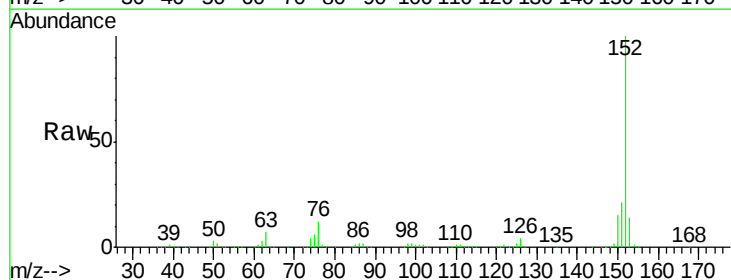
Tgt Ion: 152 Resp: 985842

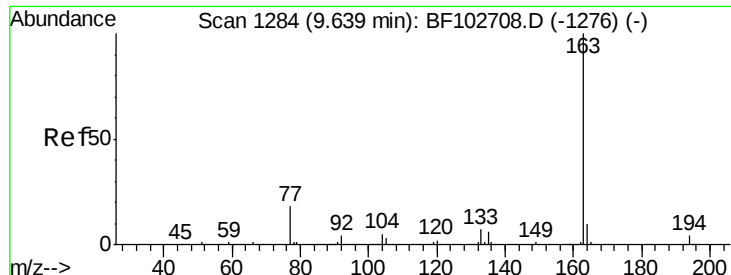
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 13.5 10.7 16.1

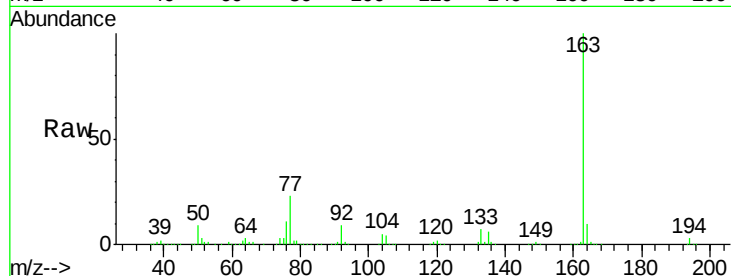




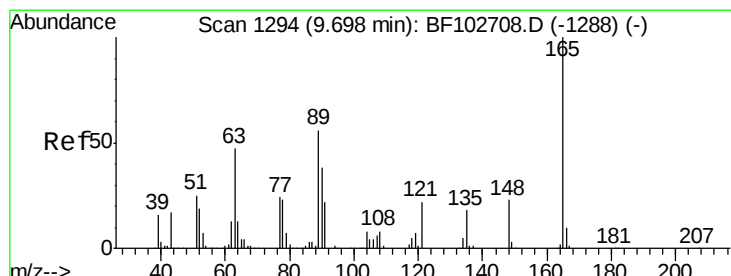
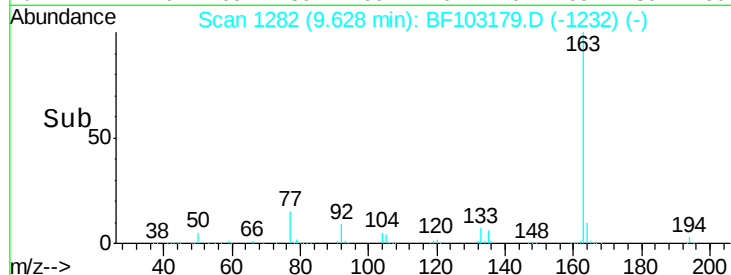
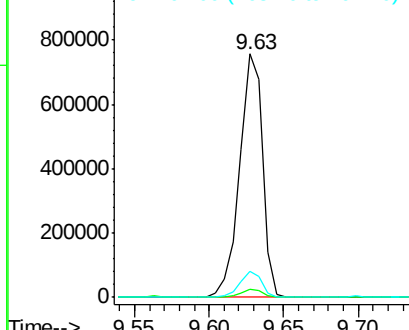
#49
Dimethylphthalate
Concen: 33.782 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion:163 Resp: 810427
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.4 8.2 12.2

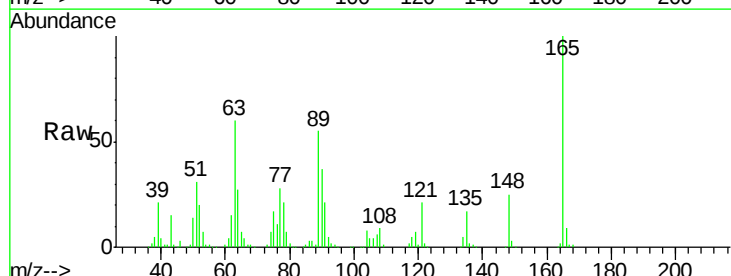


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

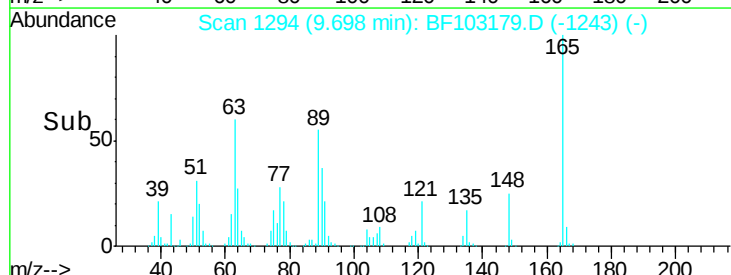
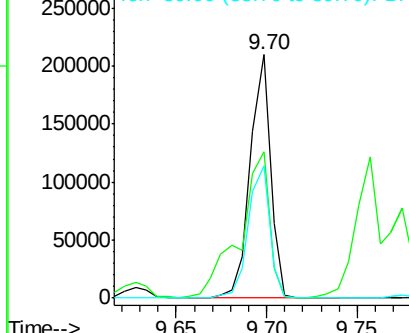


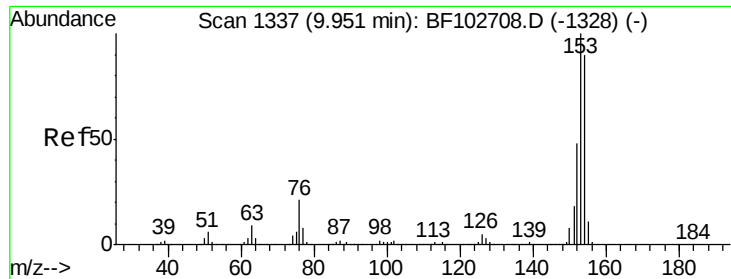
#50
2,6-Dinitrotoluene
Concen: 32.822 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Tgt Ion:165 Resp: 165235
Ion Ratio Lower Upper
165 100
63 59.9 44.7 67.1
89 54.5 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: 31.336 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

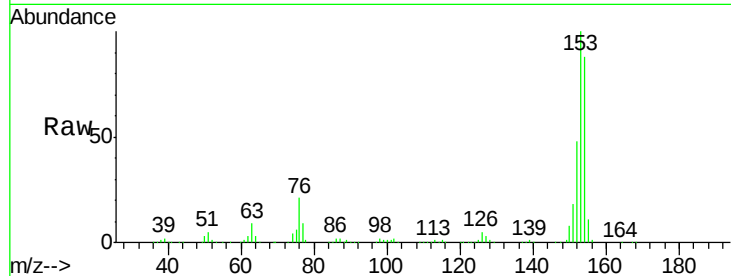
Tot Ion:154 Resp: 557344

Ion Ratio Lower Upper

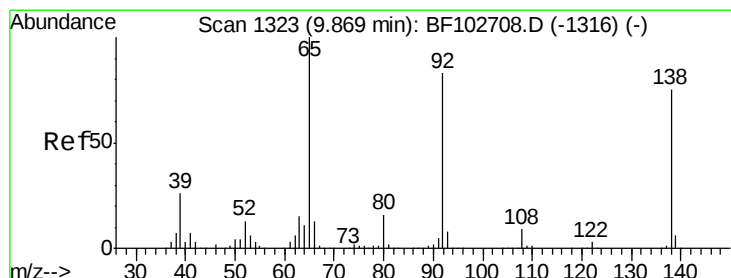
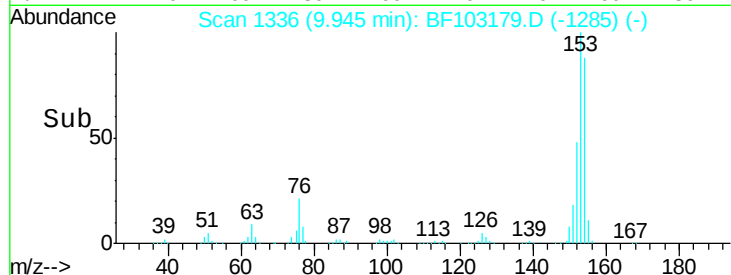
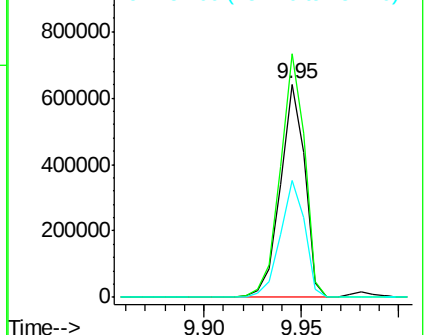
154 100

153 114.1 91.2 136.8

152 54.5 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: 19.355 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

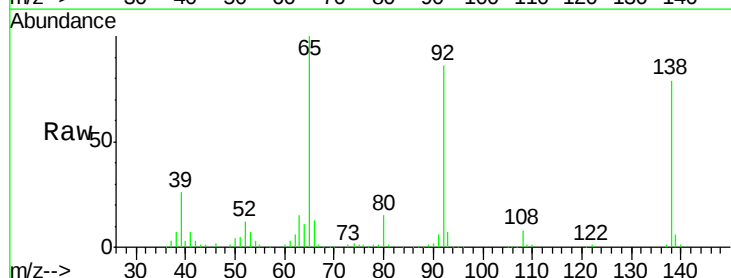
Tgt Ion:138 Resp: 123621

Ion Ratio Lower Upper

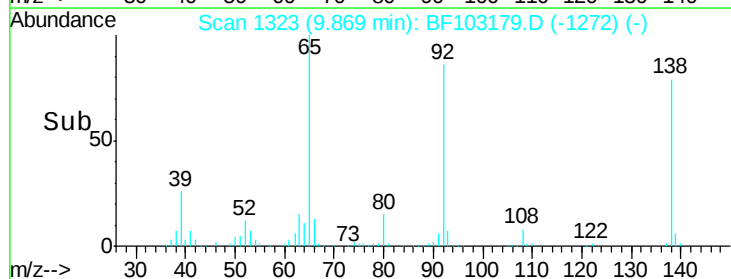
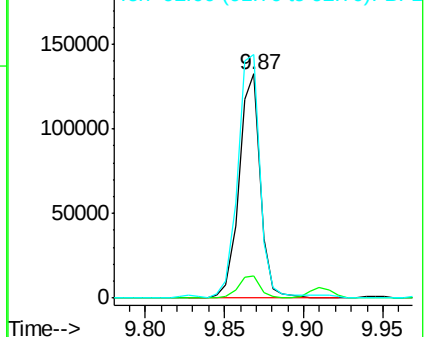
138 100

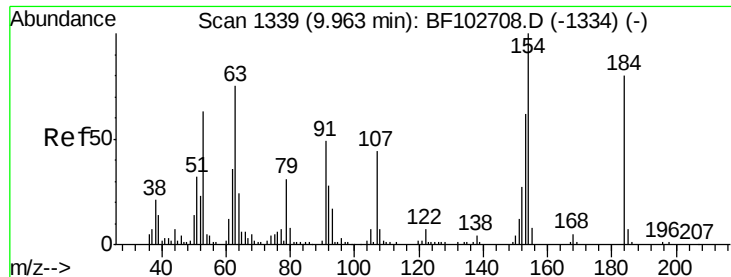
108 10.0 9.4 14.0

92 108.6 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

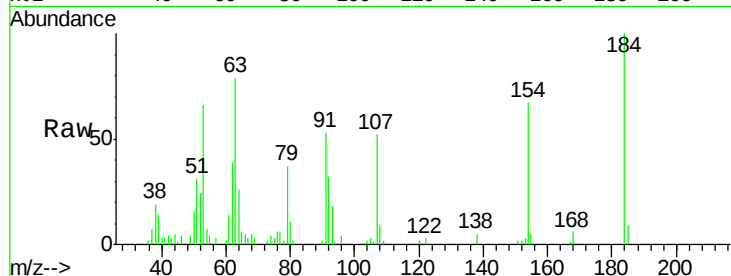




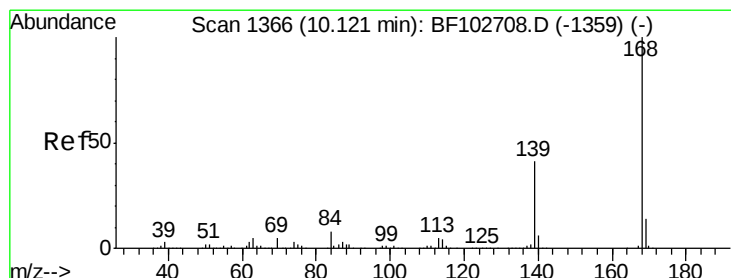
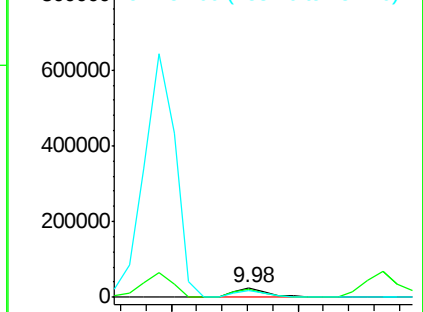
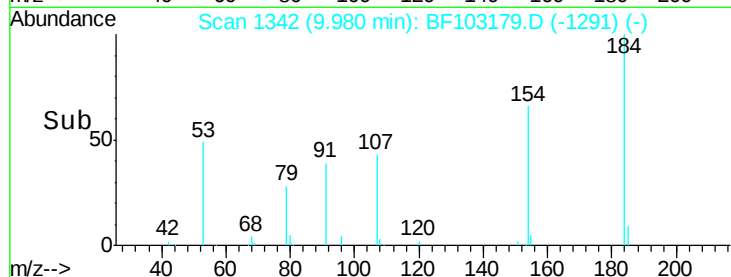
#53
 2,4-Dinitrophenol
 Concen: 21.486 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion:184 Resp: 24525
 Ion Ratio Lower Upper
 184 100
 63 78.8 54.2 81.2
 154 67.5 184.0 276.0#

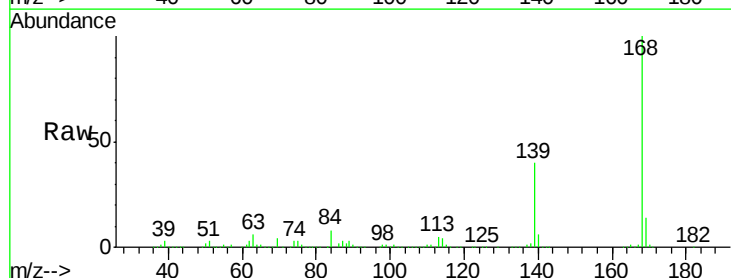


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

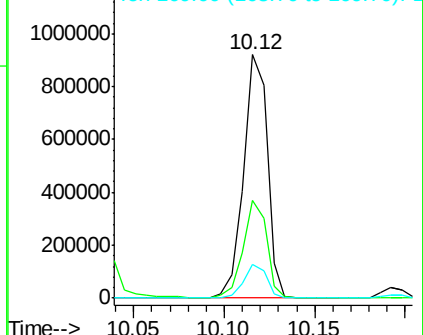
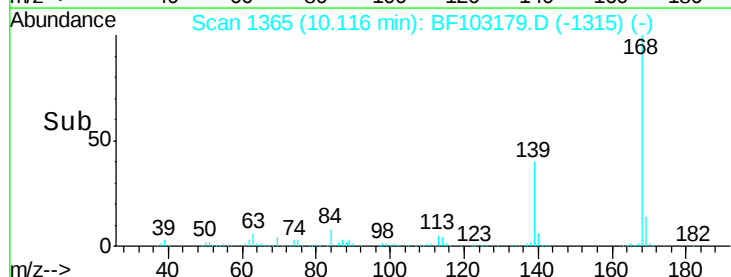


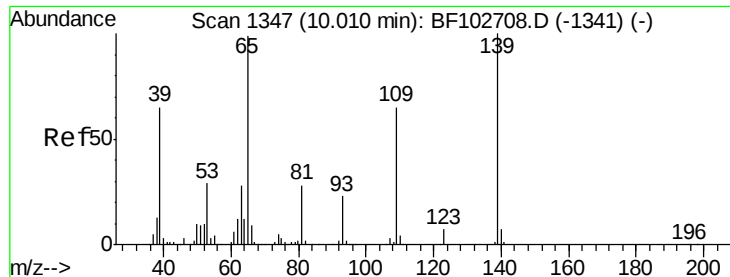
#54
 Dibenzofuran
 Concen: 34.527 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

Tgt Ion:168 Resp: 843003
 Ion Ratio Lower Upper
 168 100
 139 40.0 30.1 45.1
 169 13.7 10.9 16.3



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

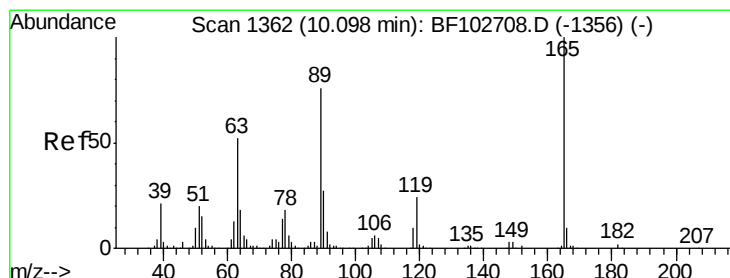
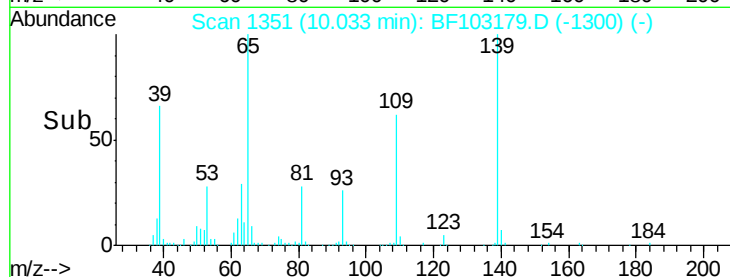
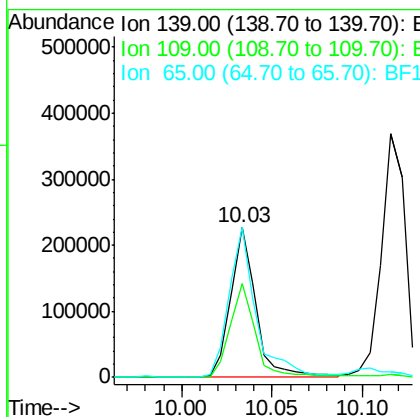
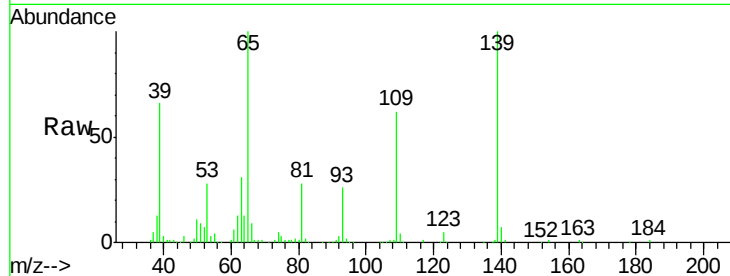




#55
4-Nitrophenol
Concen: 55.769 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

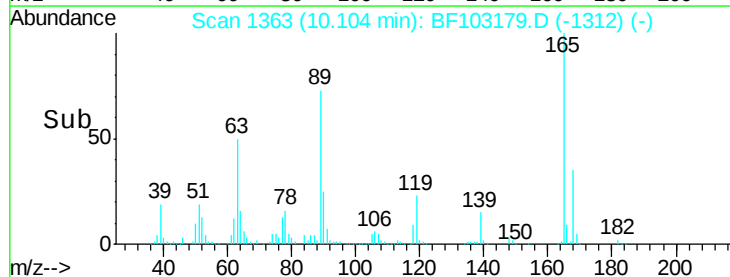
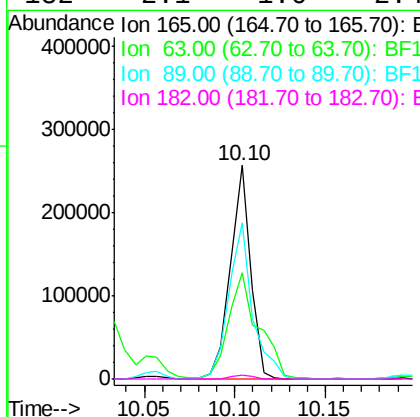
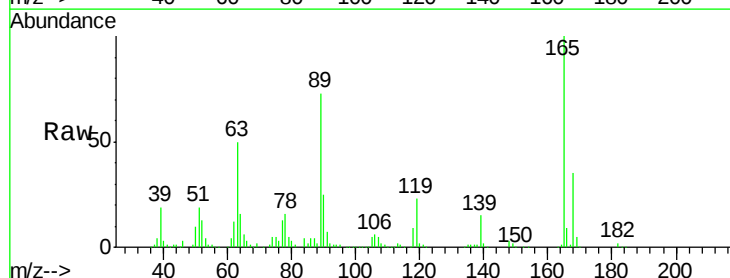
Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion:139 Resp: 220769
Ion Ratio Lower Upper
139 100
109 62.4 48.4 88.4
65 99.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 31.820 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Tgt Ion:165 Resp: 202600
Ion Ratio Lower Upper
165 100
63 49.8 36.4 54.6
89 73.0 57.8 86.6
182 2.1 1.6 2.4

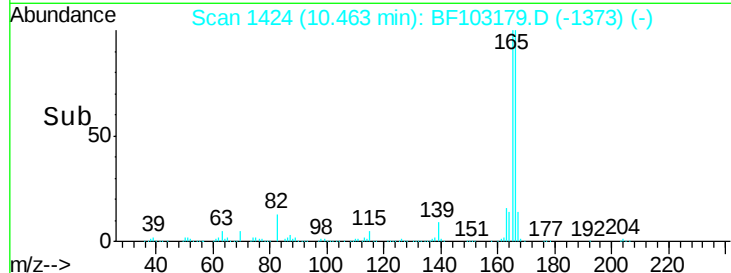
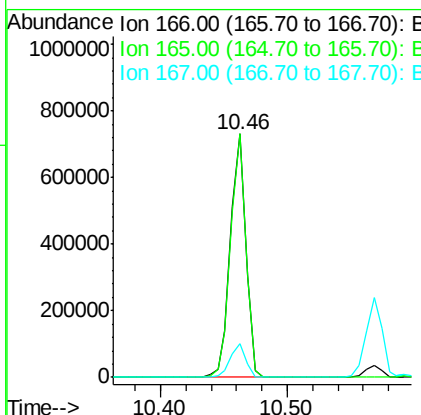
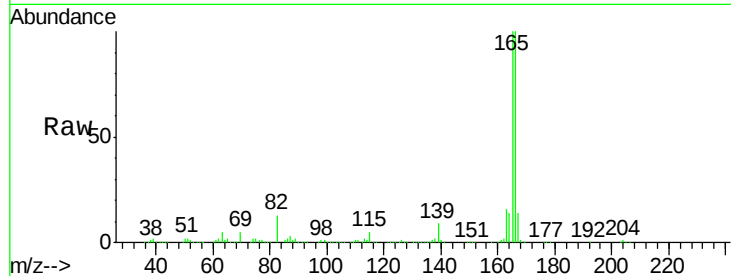




#57
 Fluorene
 Concen: 29.726 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

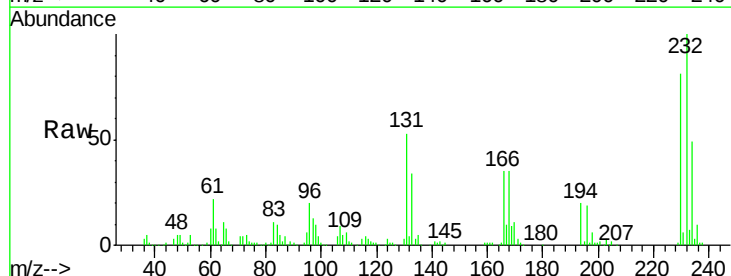
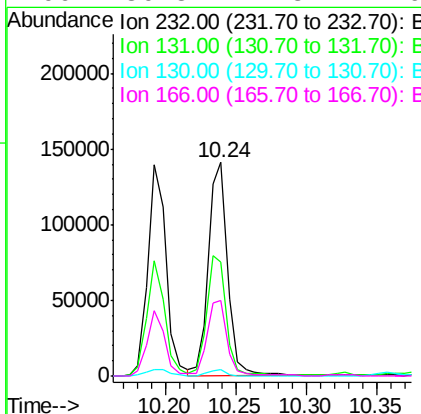
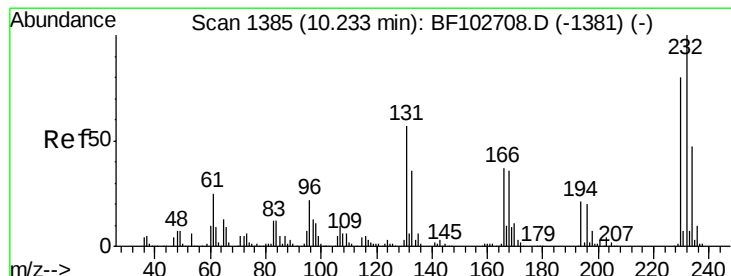
Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

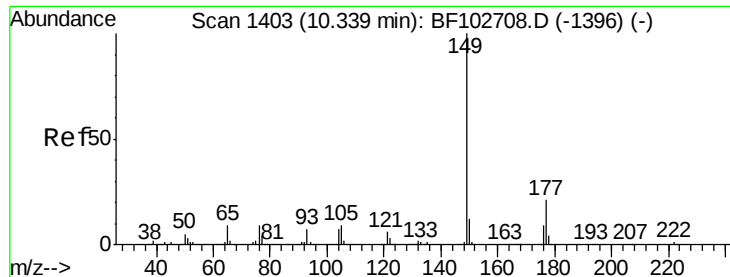
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	13.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.447 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.8	43.8	65.8
130	2.7	2.1	3.1
166	36.8	27.8	41.6

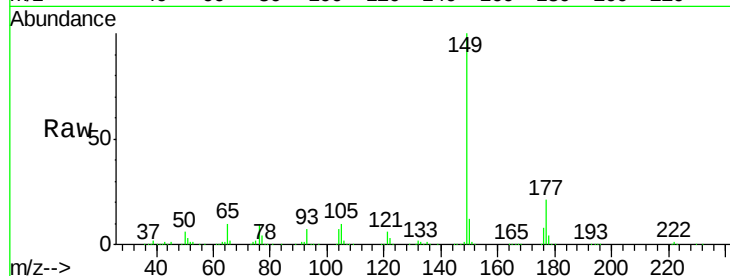




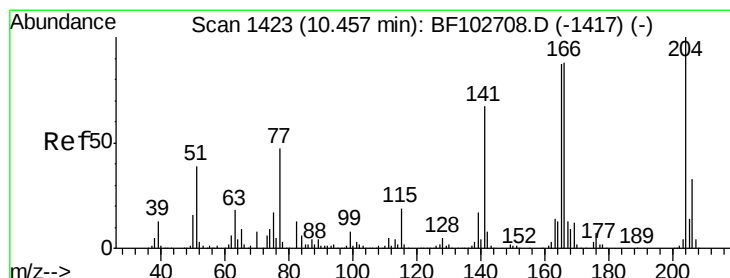
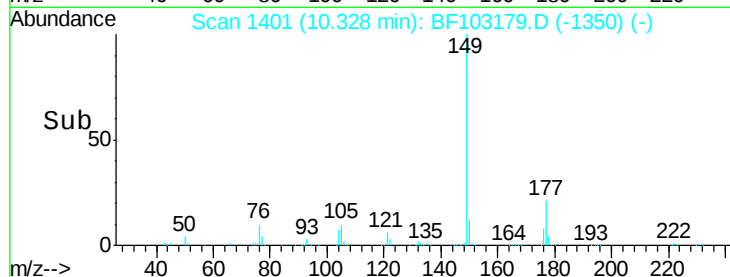
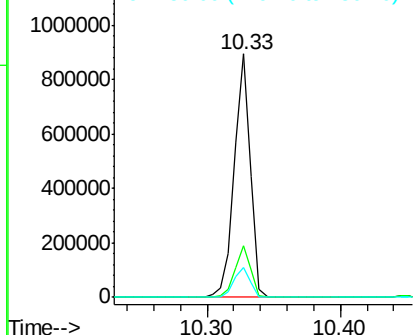
#59
Diethylphthalate
Concen: 33.156 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion:149 Resp: 760734
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.4 10.1 15.1

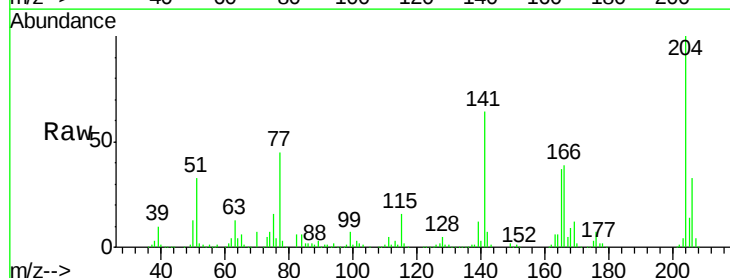


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

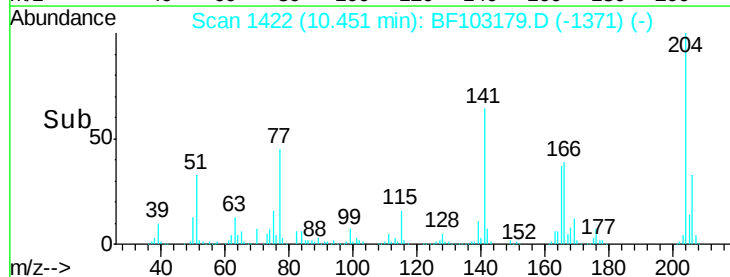
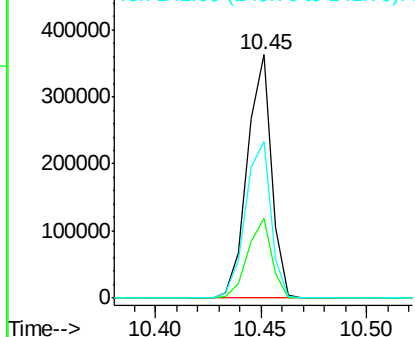


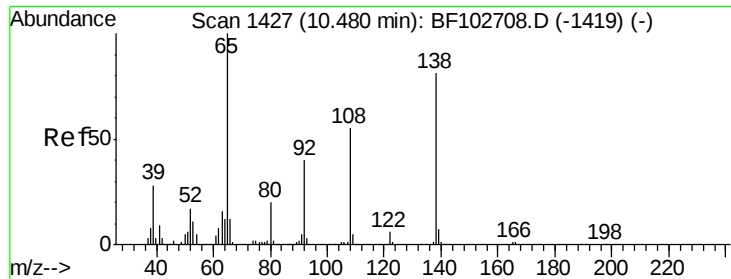
#60
4-Chlorophenyl-phenylether
Concen: 32.867 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Tgt Ion:204 Resp: 289895
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 64.3 54.6 81.8



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

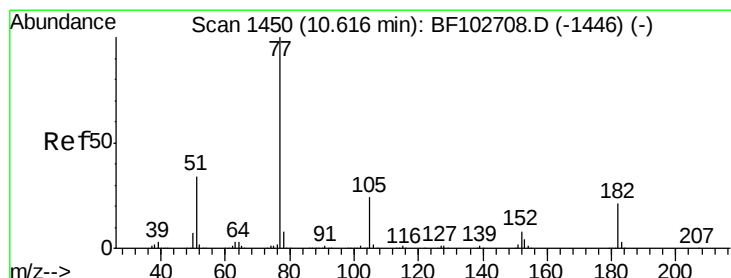
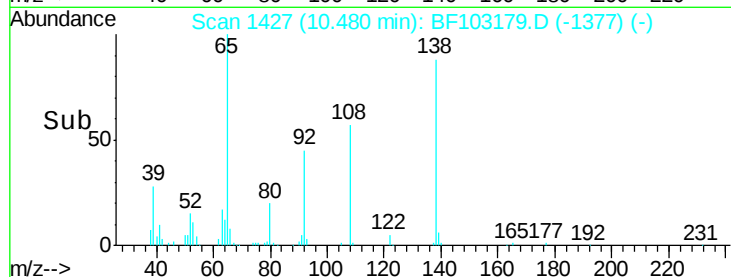
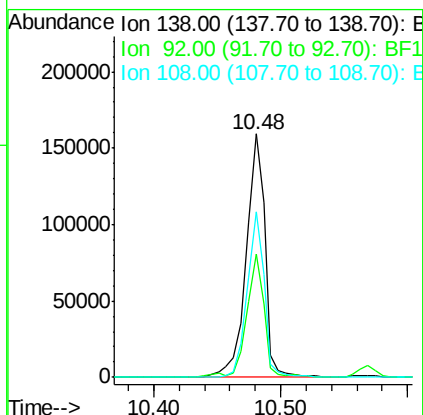
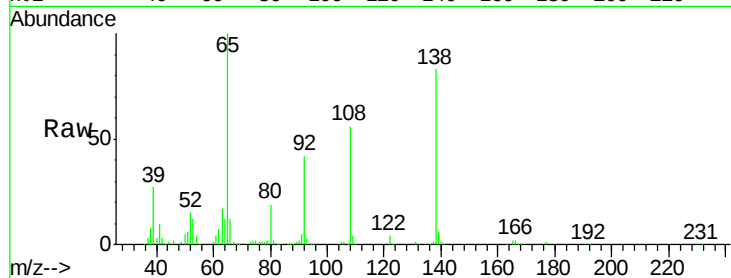




#61
4-Nitroaniline
Concen: 25.714 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

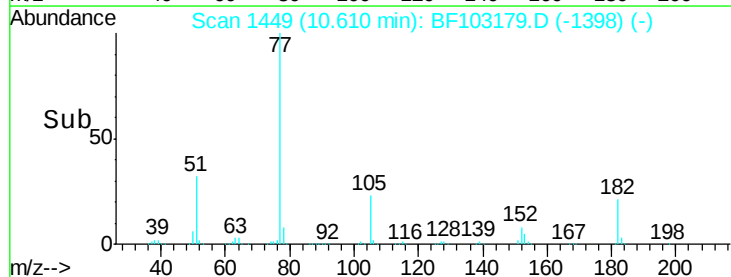
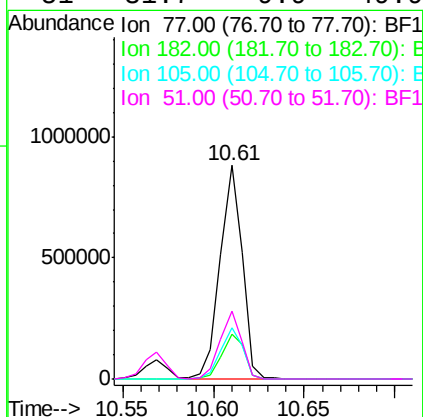
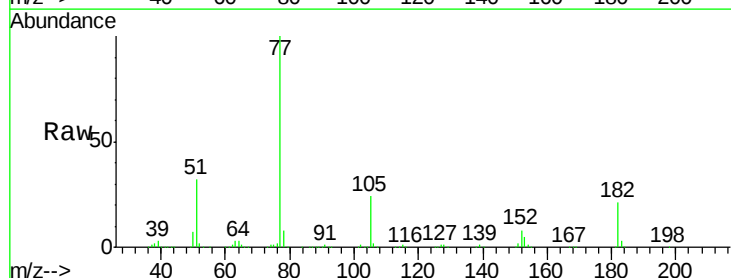
Instrument :
BNA_F
ClientSampleId :
PB106758BS

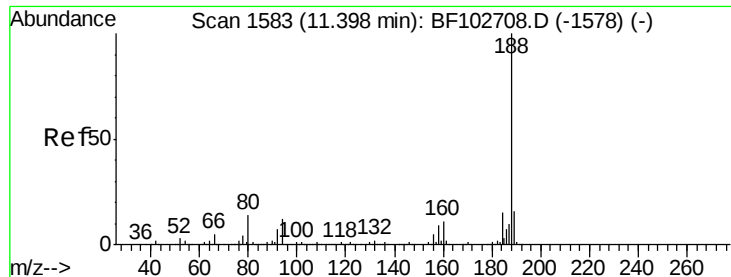
Tot Ion:138 Resp: 164043
Ion Ratio Lower Upper
138 100
92 50.8 30.2 70.2
108 67.8 52.5 92.5



#62
Azobenzene
Concen: 32.004 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Tgt Ion: 77 Resp: 747440
Ion Ratio Lower Upper
77 100
182 20.9 1.7 41.7
105 23.7 3.0 43.0
51 31.7 9.9 49.9

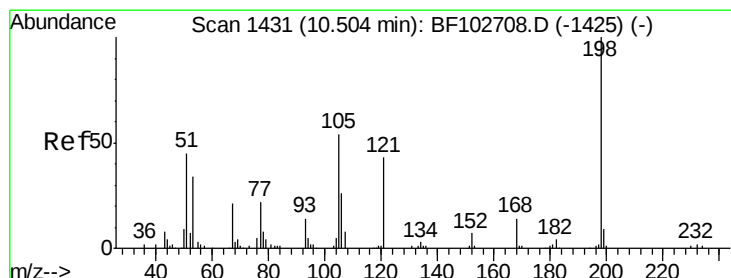
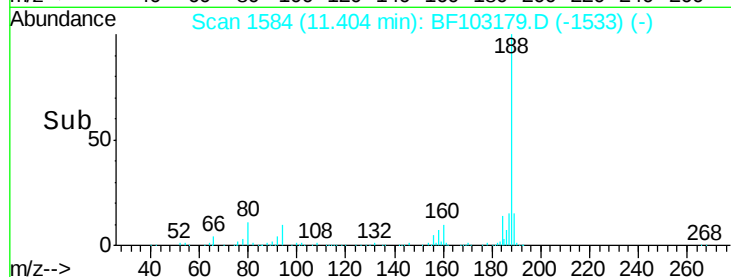
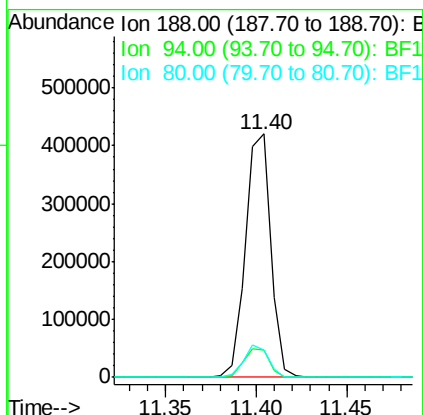
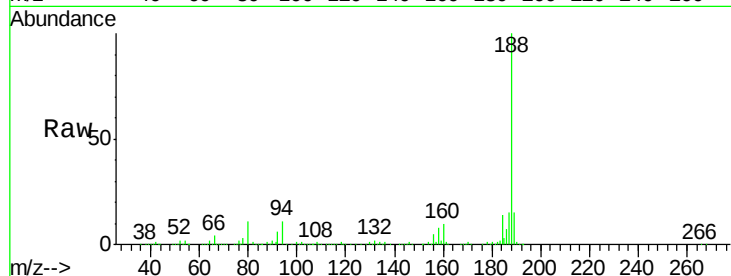




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

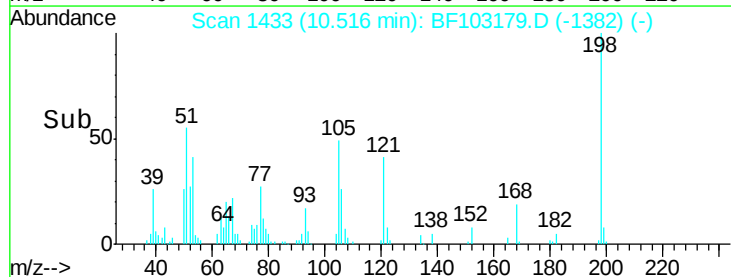
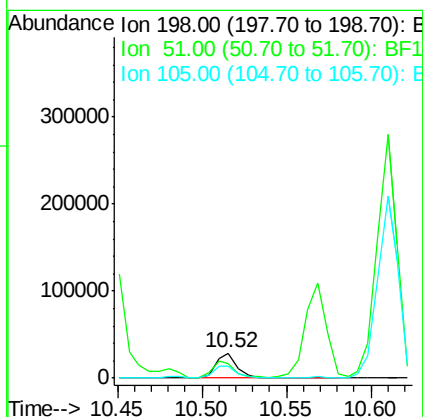
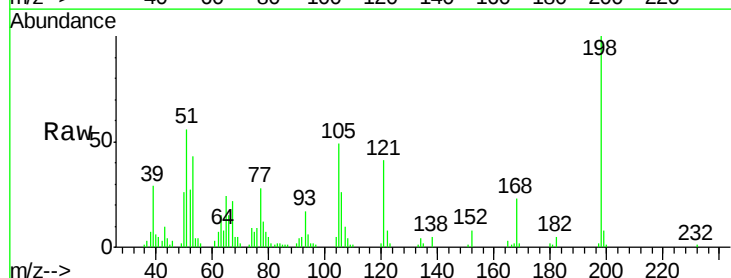
Instrument :
BNA_F
ClientSampleId :
PB106758BS

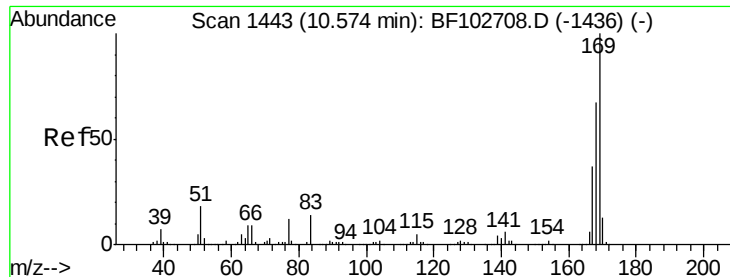
Tot Ion:188 Resp: 408173
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 14.078 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Tgt Ion:198 Resp: 25288
Ion Ratio Lower Upper
198 100
51 56.3 37.7 77.7
105 48.6 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.766 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

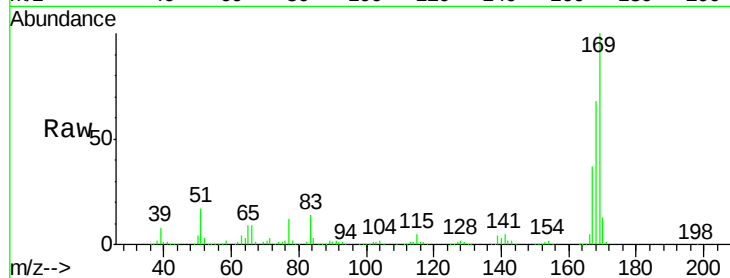
Tot Ion:169 Resp: 565155

Ion Ratio Lower Upper

169 100

168 68.1 54.4 81.6

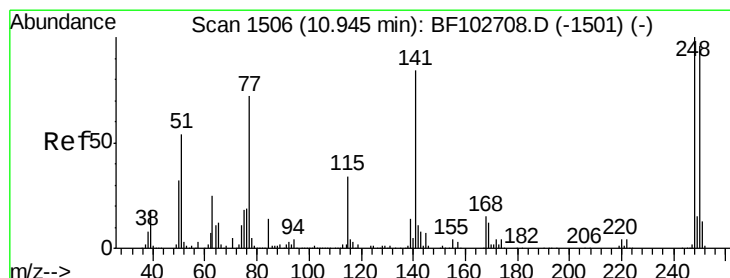
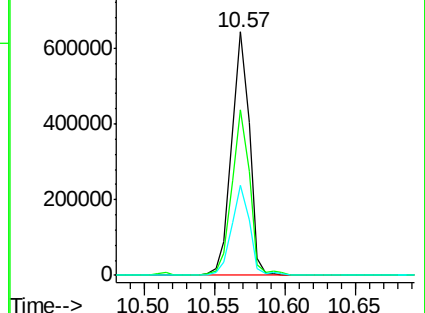
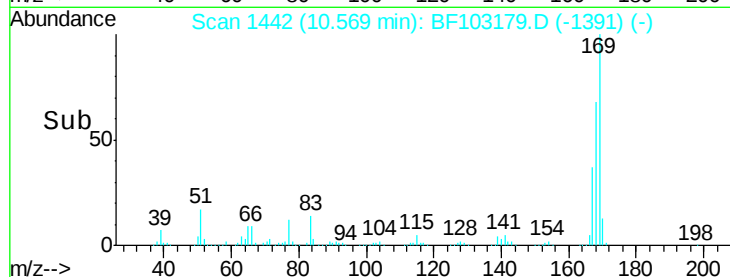
167 37.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.739 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

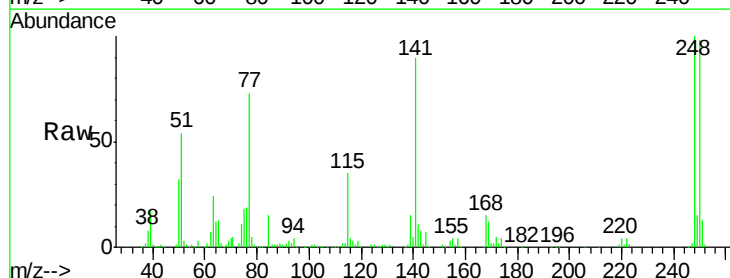
Tgt Ion:248 Resp: 164716

Ion Ratio Lower Upper

248 100

250 97.5 76.9 115.3

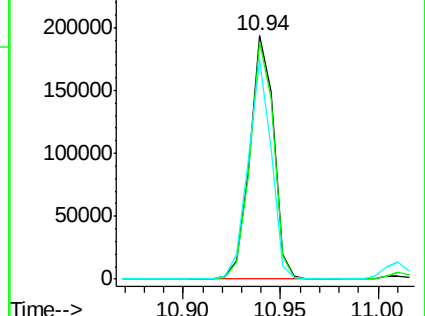
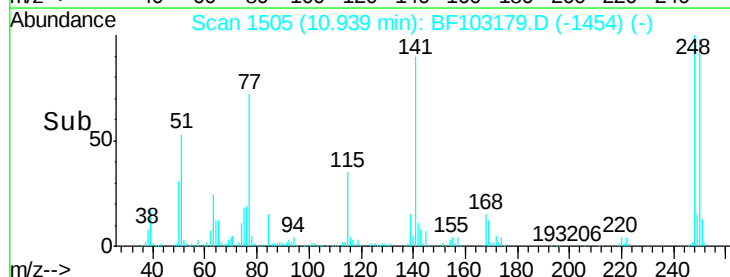
141 90.1 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.273 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

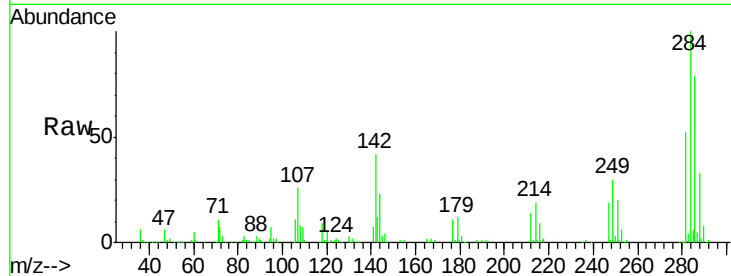
Tot Ion:284 Resp: 162788

Ion Ratio Lower Upper

284 100

142 41.6 34.6 52.0

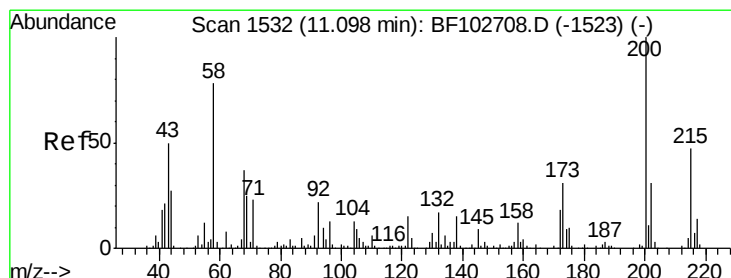
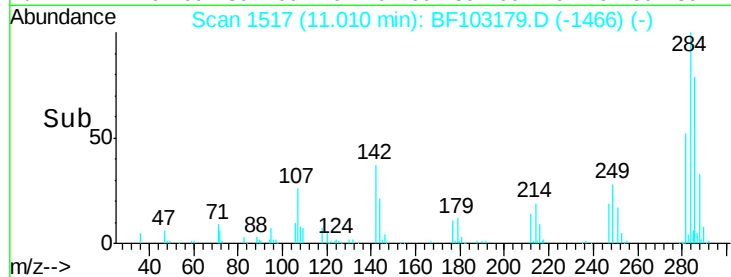
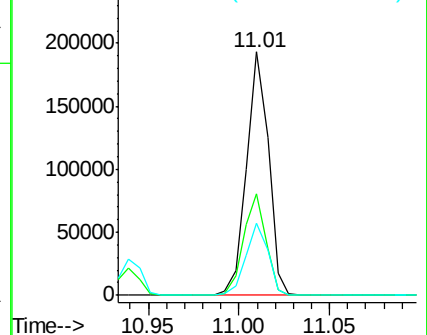
249 29.9 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.553 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

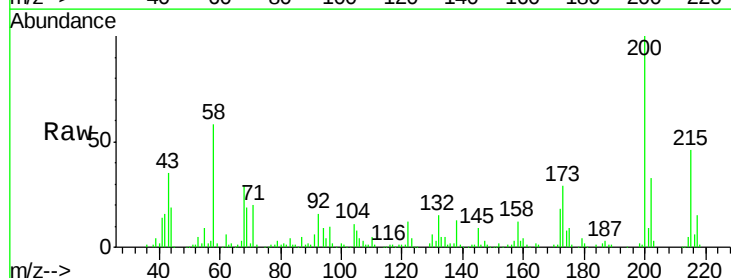
Tgt Ion:200 Resp: 164685

Ion Ratio Lower Upper

200 100

173 28.9 8.6 48.6

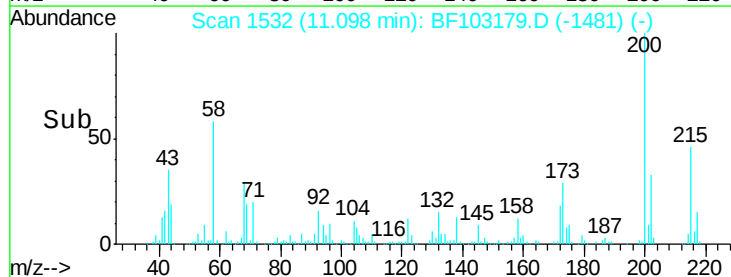
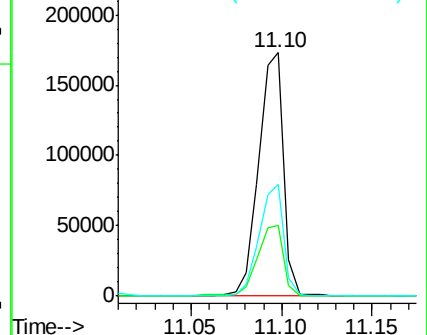
215 46.0 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 59.575 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

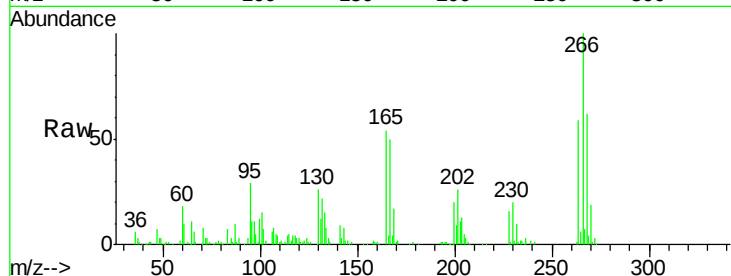
Tot Ion:266 Resp: 132940

Ion Ratio Lower Upper

266 100

268 61.9 51.1 76.7

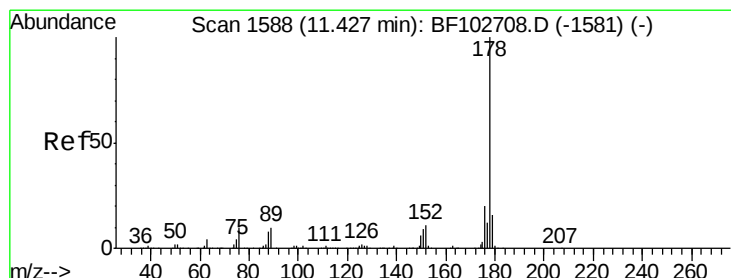
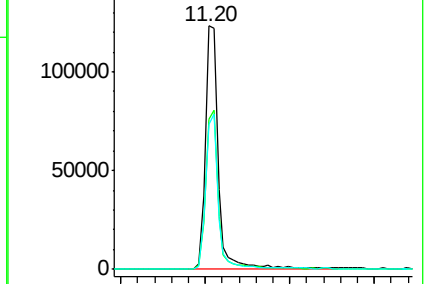
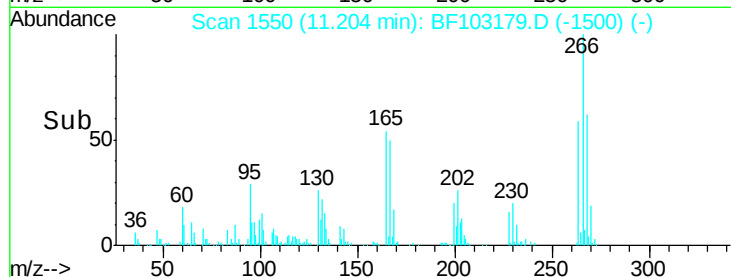
264 59.4 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 33.494 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

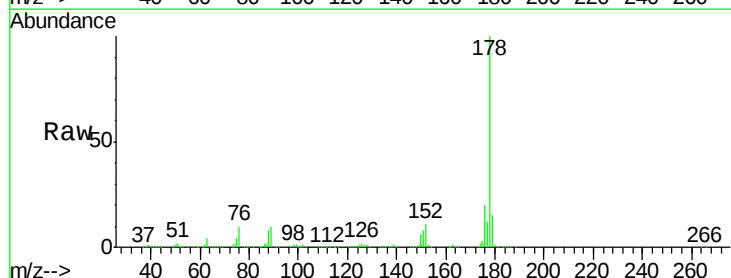
Tgt Ion:178 Resp: 752385

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

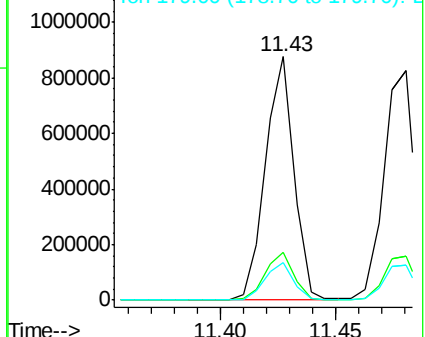
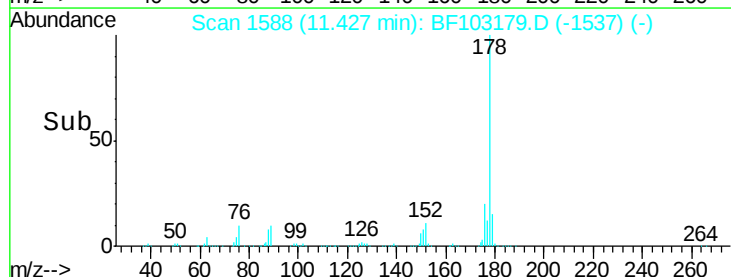
179 15.4 13.0 19.6

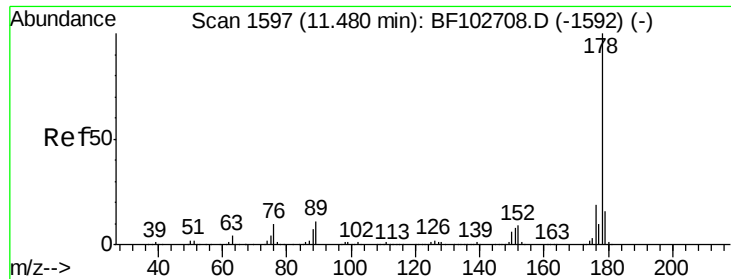


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

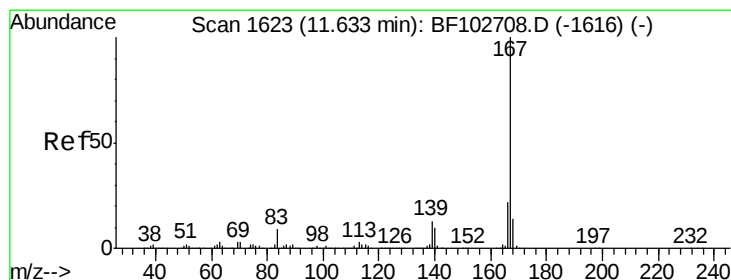
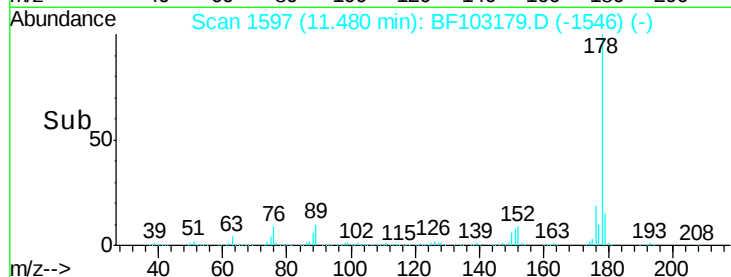
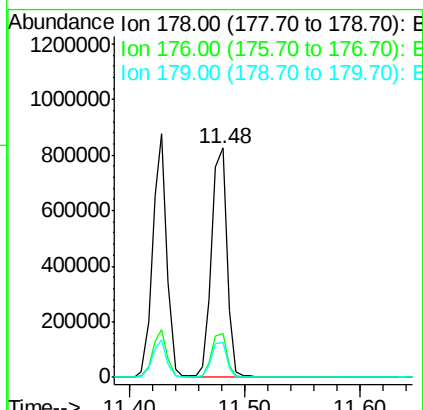
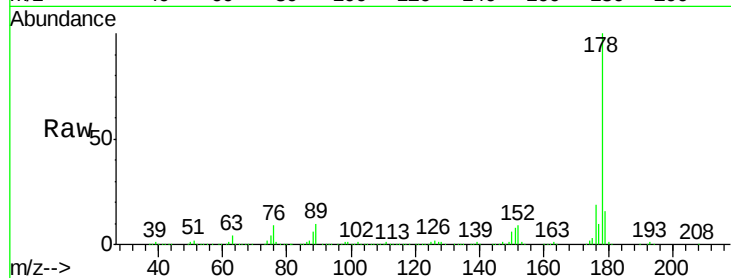




#71
 Anthracene
 Concen: 33.550 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

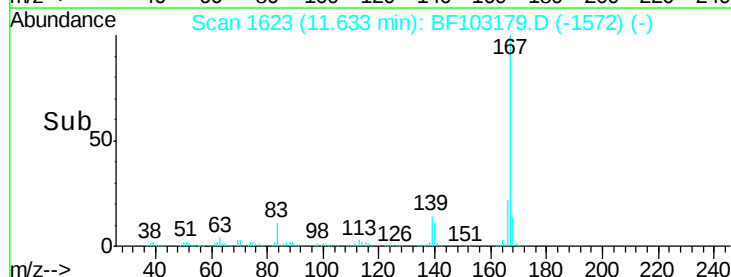
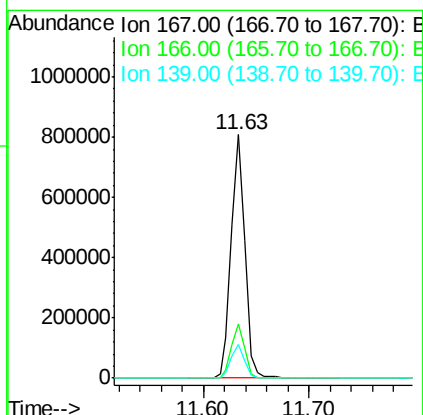
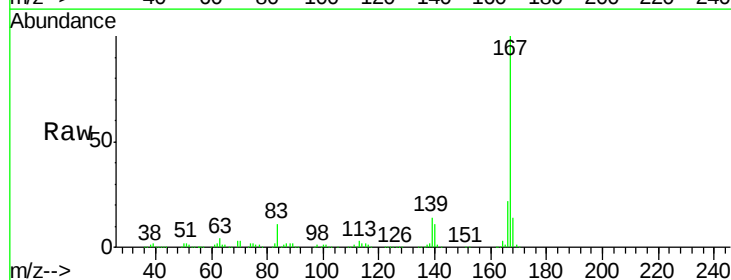
Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion:178 Resp: 772811
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 31.450 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

Tgt Ion:167 Resp: 721417
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.676 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

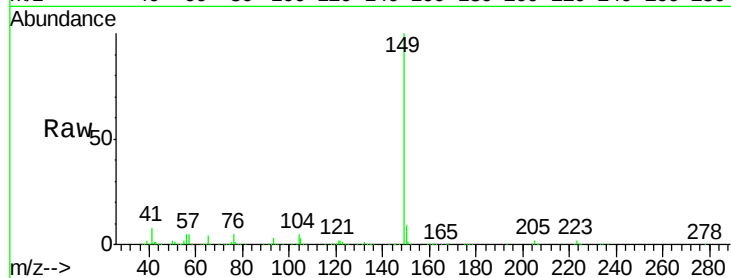
Tot Ion:149 Resp: 1024010

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

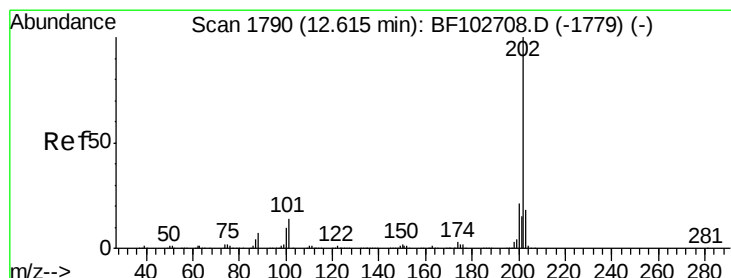
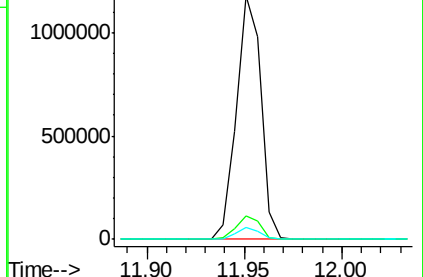
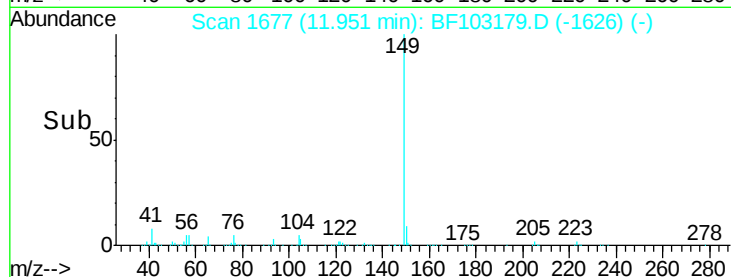
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.653 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

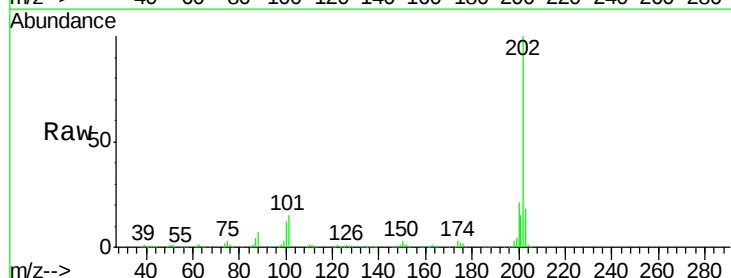
Tgt Ion:202 Resp: 669360

Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.1

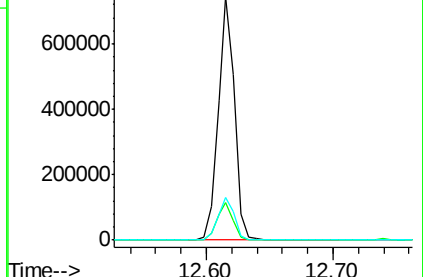
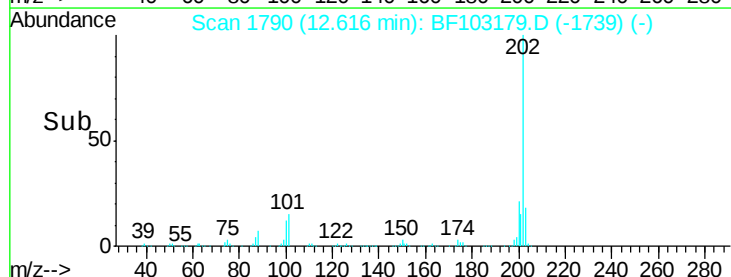
203 17.6 0.0 38.1

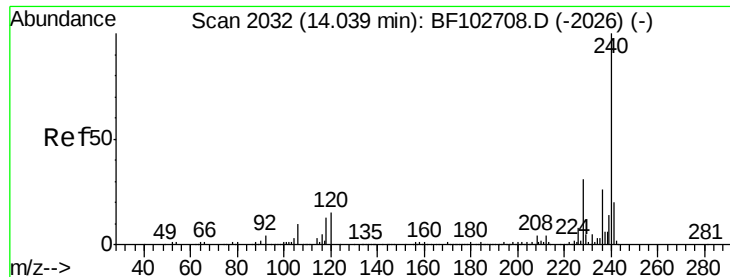


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

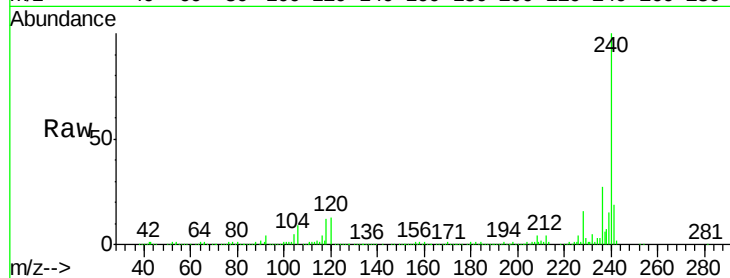
Tot Ion:240 Resp: 282729

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

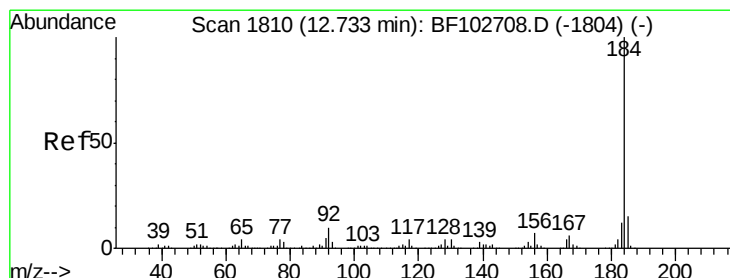
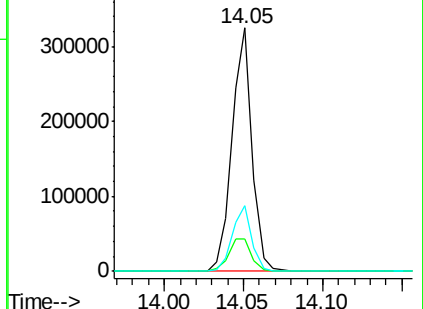
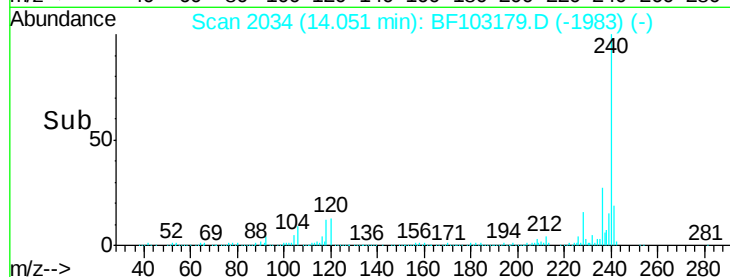
236 26.7 20.7 31.1



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: 44.836 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

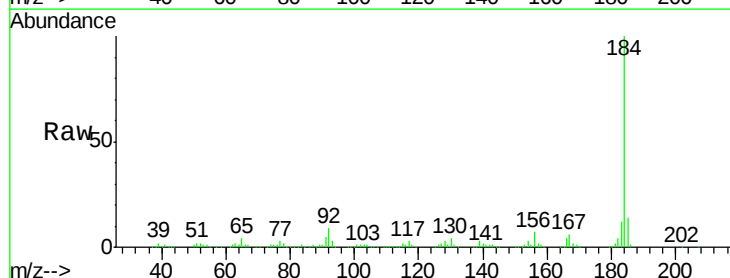
Tgt Ion:184 Resp: 473914

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

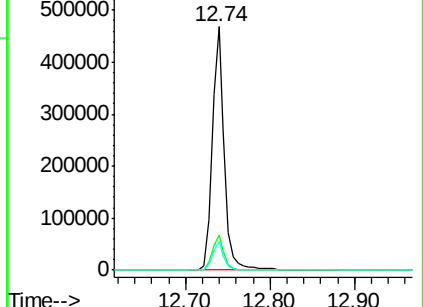
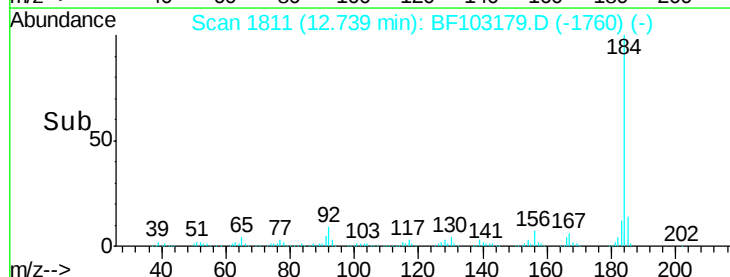
183 11.5 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.533 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

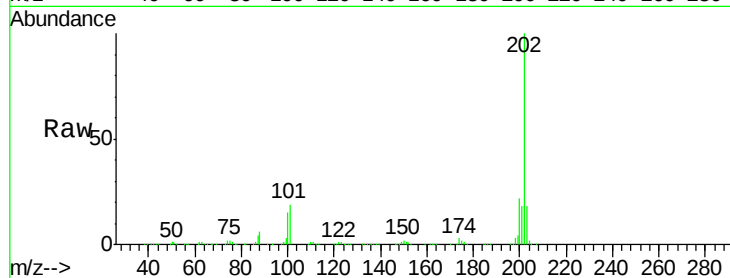
Tot Ion:202 Resp: 673037

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

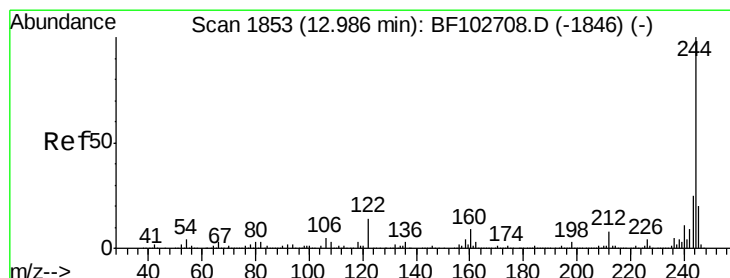
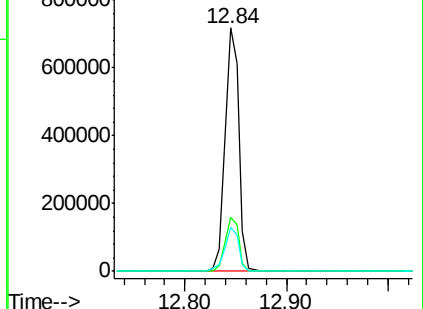
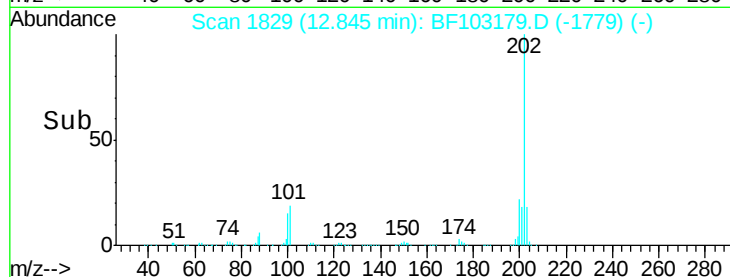
203 18.0 14.3 21.5



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: 70.356 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

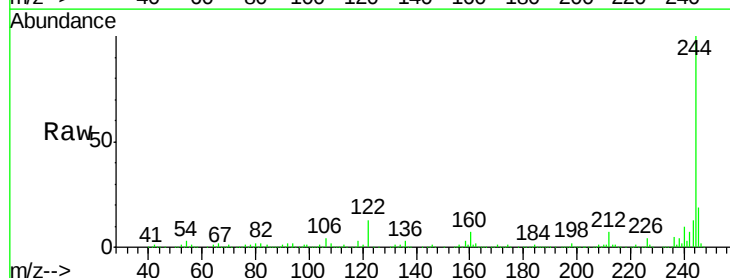
Tgt Ion:244 Resp: 827485

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

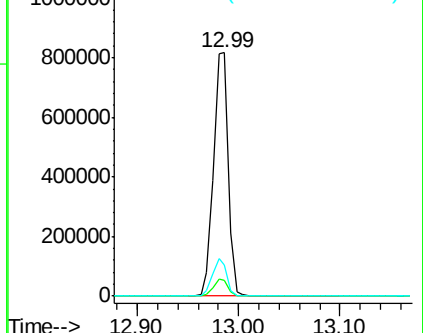
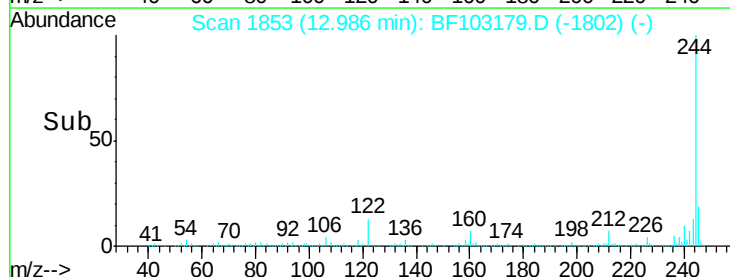
122 13.0 11.0 16.4

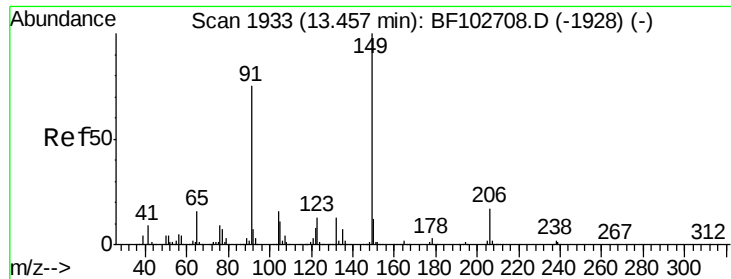


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

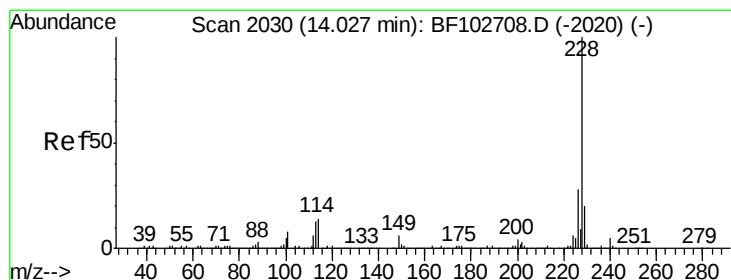
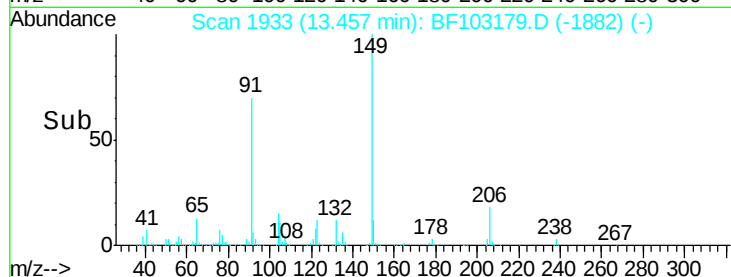
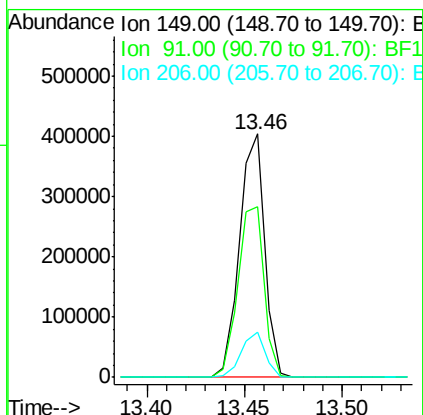
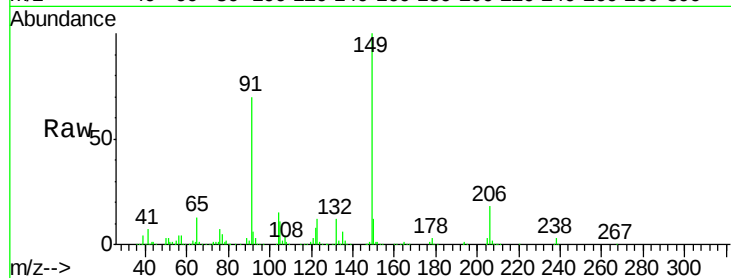




#79
Butylbenzylphthalate
Concen: 31.065 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

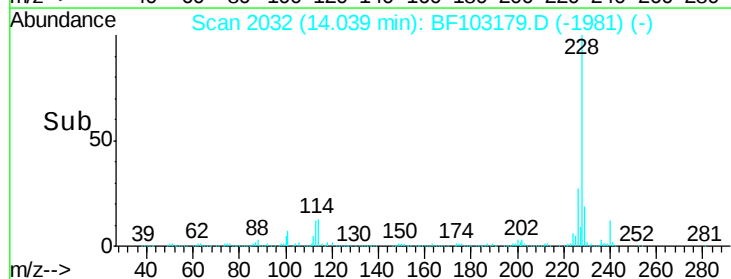
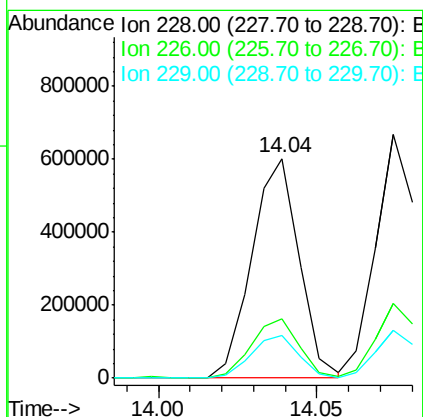
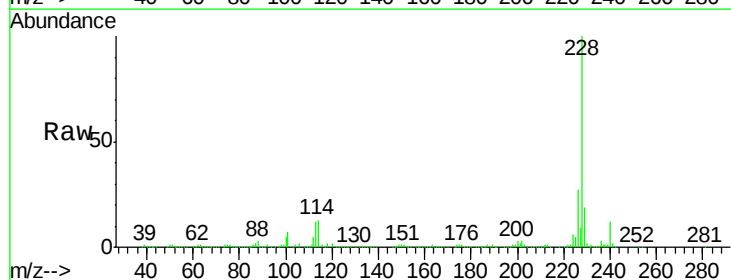
Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.8	85.2
206	18.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 33.937 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.5	15.8	23.6

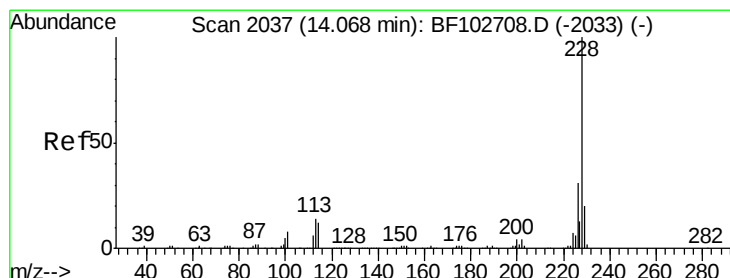
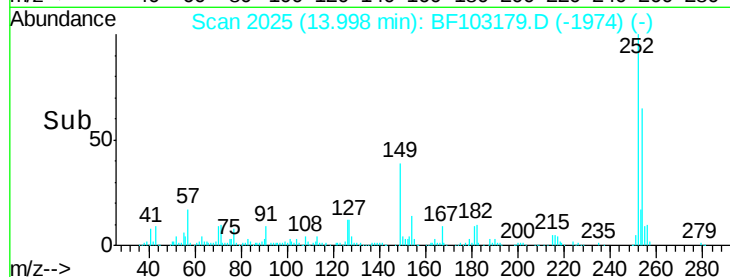
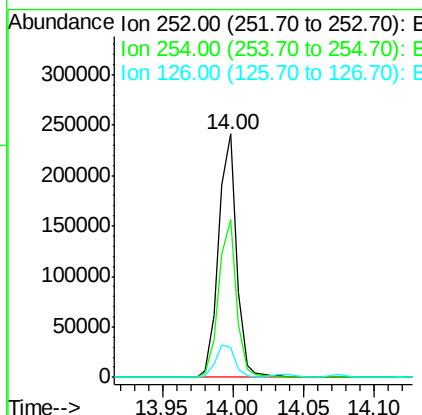
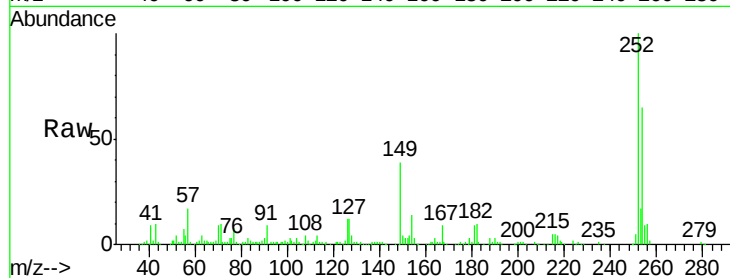




#81
 3,3'-Dichlorobenzidine
 Concen: 32.894 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

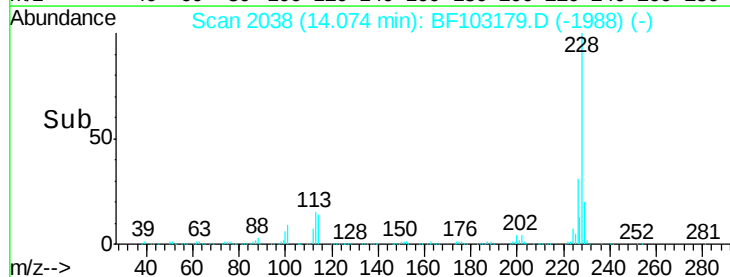
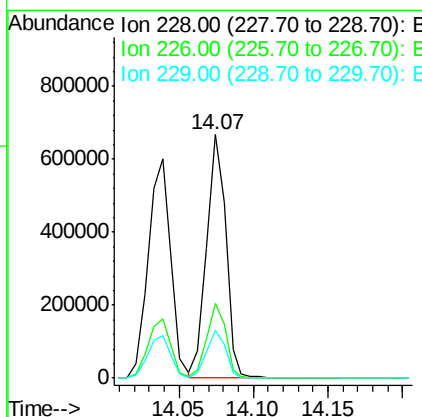
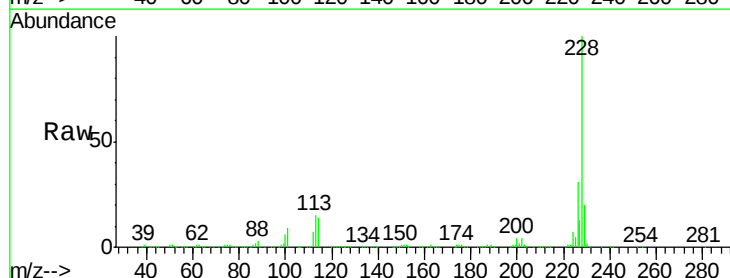
Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

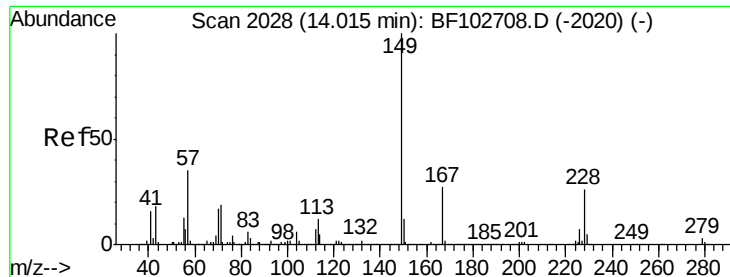
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	12.4	11.3	16.9



#82
 Chrysene
 Concen: 33.407 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.721 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

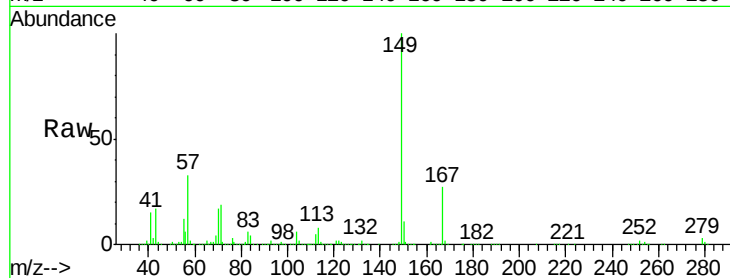
Tot Ion:149 Resp: 498542

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

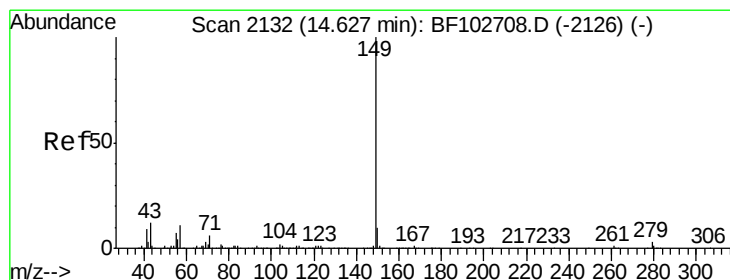
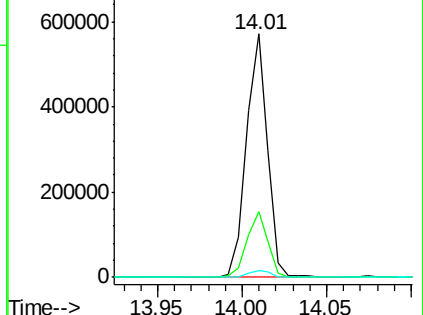
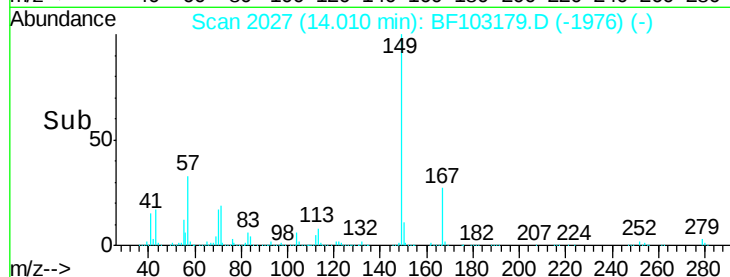
279 2.9 3.0 4.4#



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: 35.305 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

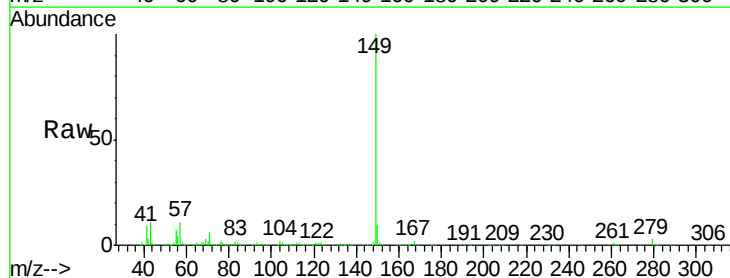
Tgt Ion:149 Resp: 896492

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

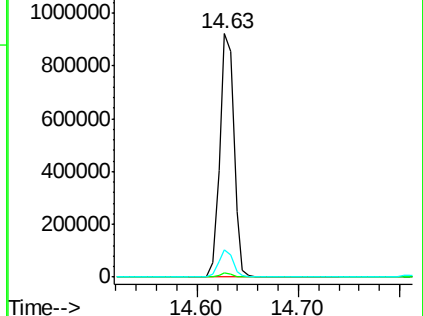
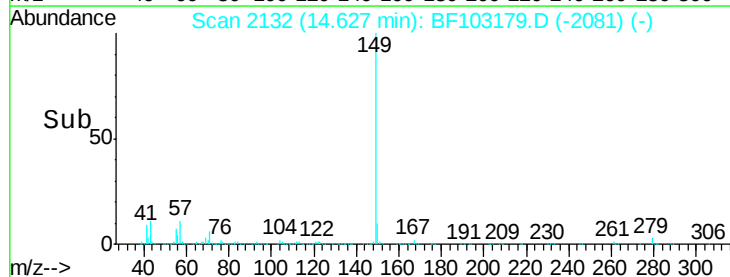
43 10.9 8.4 12.6

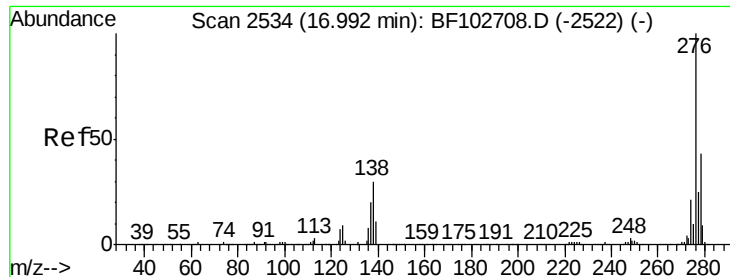


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

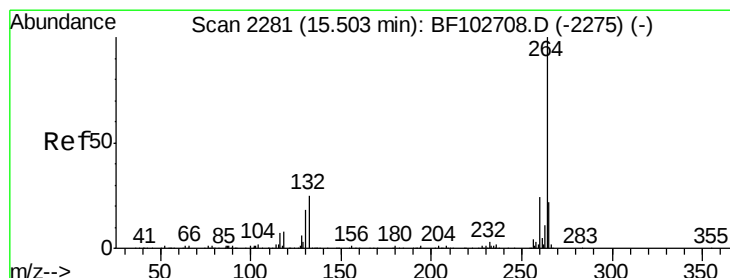
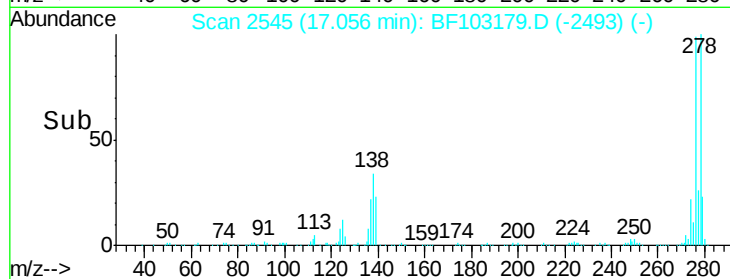
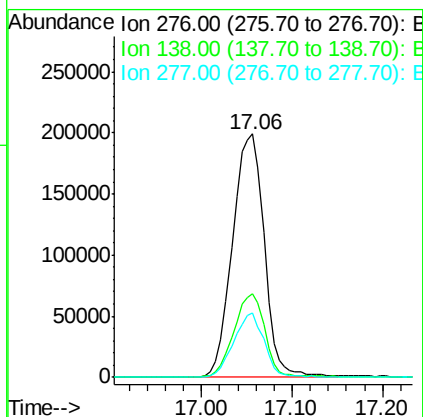
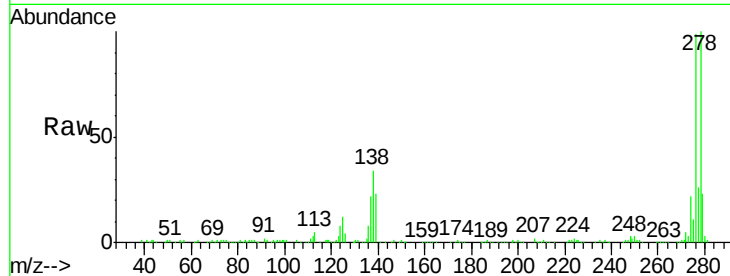




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.362 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.01 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

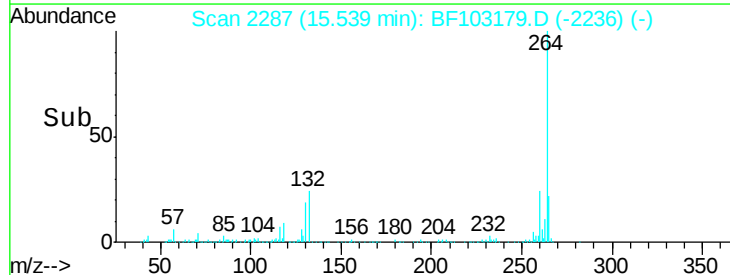
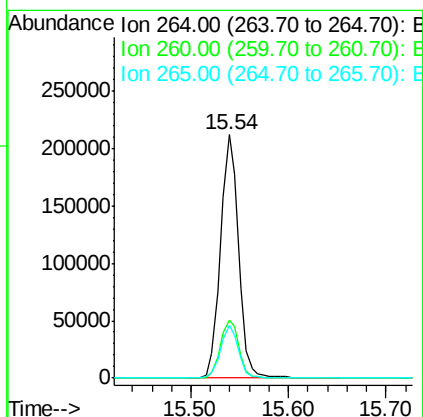
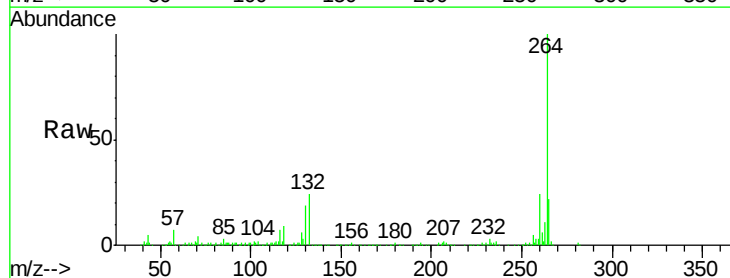
Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion:276 Resp: 484550
 Ion Ratio Lower Upper
 276 100
 138 34.1 25.0 37.6
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.00 min
 Lab File: BF103179.D
 Acq: 22 Feb 2018 22:47

Tgt Ion:264 Resp: 273144
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 17.5 26.3

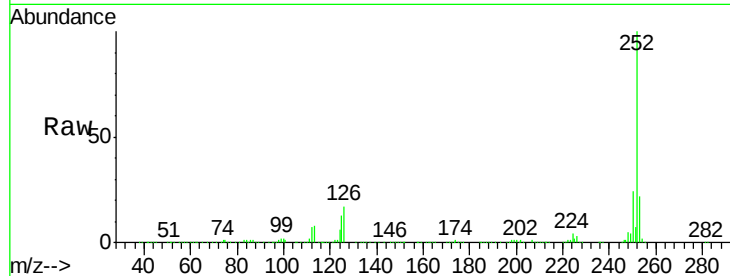




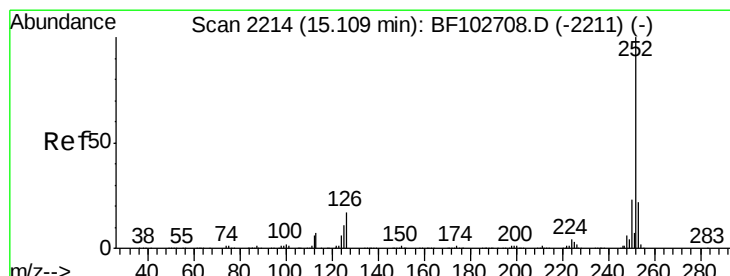
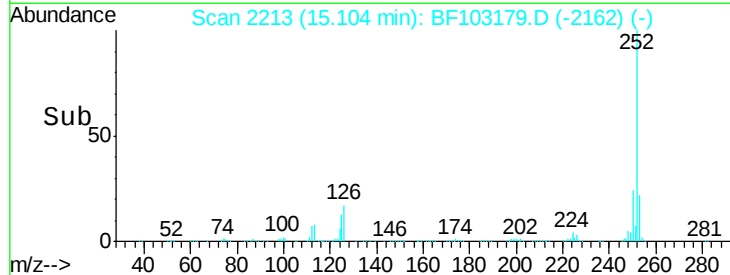
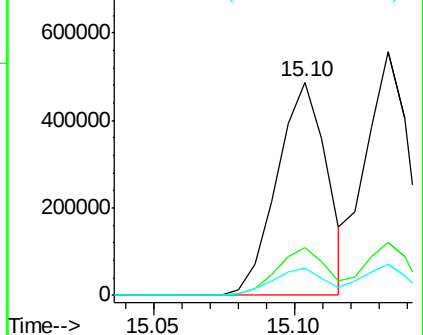
#87
Benzo(b)fluoranthene
Concen: 33.230 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion:252 Resp: 596772
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 12.8 9.0 13.6

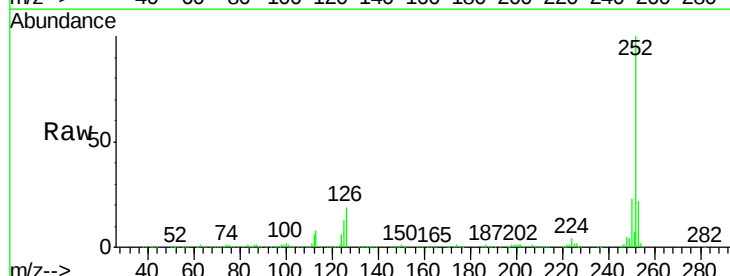


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

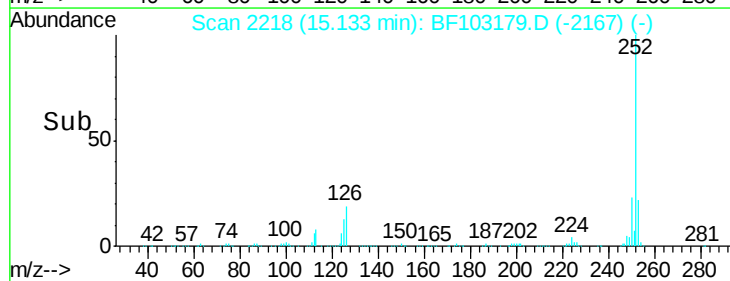
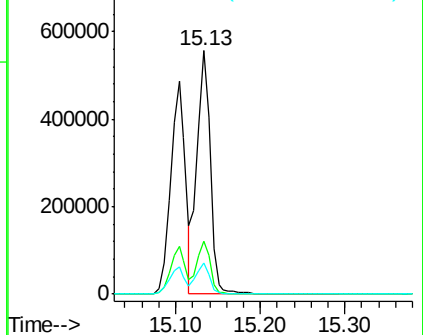


#88
Benzo(k)fluoranthene
Concen: 35.547 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103179.D
Acq: 22 Feb 2018 22:47

Tgt Ion:252 Resp: 601140
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 13.0 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 35.129 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

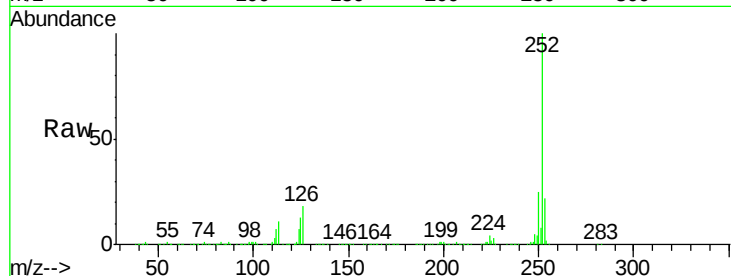
Tot Ion:252 Resp: 563378

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

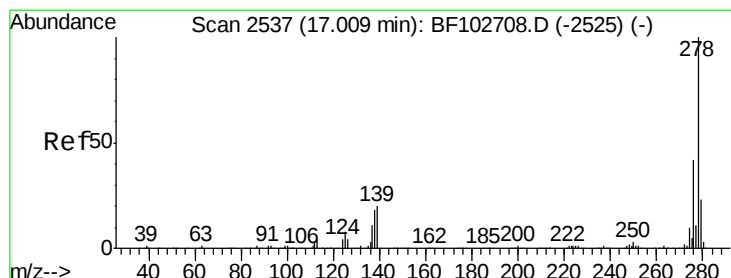
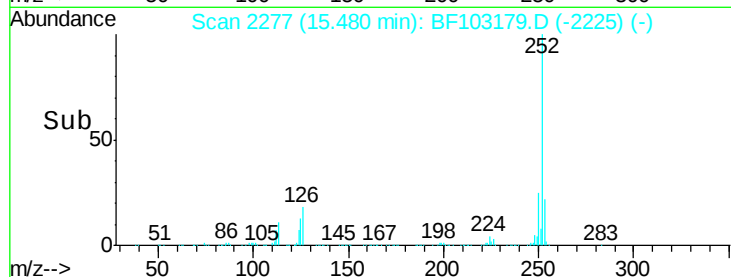
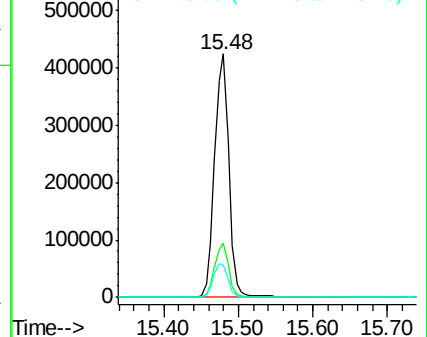
125 13.4 9.8 14.6



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: 33.663 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

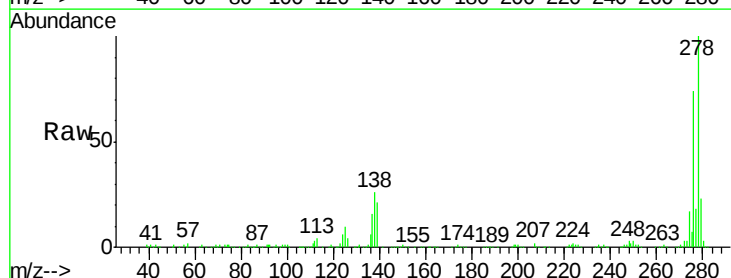
Tgt Ion:278 Resp: 417166

Ion Ratio Lower Upper

278 100

139 21.2 15.9 23.9

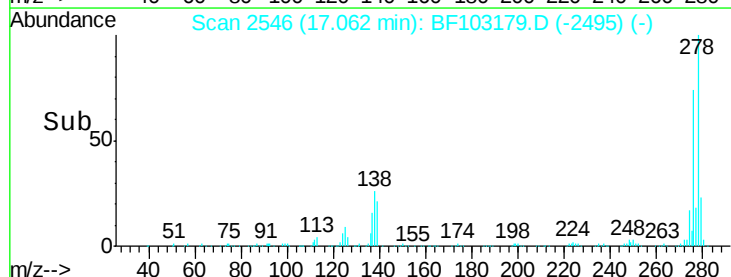
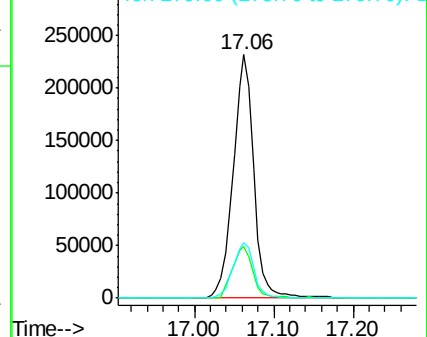
279 22.8 19.0 28.4

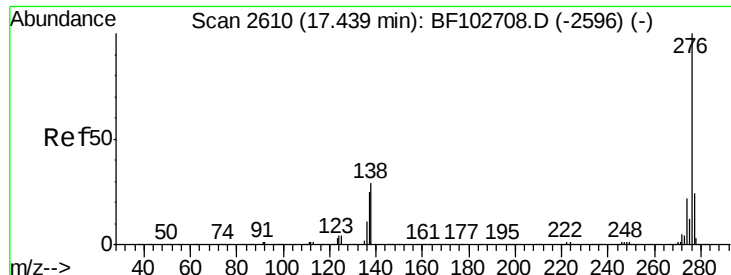


Abundance Ion 278.00 (277.70 to 278.70): E

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: 32.507 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.00 min

Lab File: BF103179.D

Acq: 22 Feb 2018 22:47

Instrument :

BNA_F

ClientSampleId :

PB106758BS

Tot Ion: 276 Resp: 393714

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 28.3 21.8 32.8

