

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102893.D
 Acq On : 9 Feb 2018 17:16
 Operator : SJ/JU
 Sample : PB106115BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 22:06:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	162584	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	668410	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	280868	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	405544	20.00	ng	0.00
75) Chrysene-d12	14.06	240	320969	20.00	ng	0.01
86) Perylene-d12	15.54	264	311962	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1214390	113.43	ng	0.02
7) Phenol-d6	6.52	99	1453912	112.79	ng	0.01
23) Nitrobenzene-d5	7.45	82	960685	99.70	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	243787	107.84	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1441994	85.19	ng	0.00
78) Terphenyl-d14	13.00	244	1095317	80.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	197619	37.37	ng	87
3) Pyridine	3.50	79	590206	40.40	ng	90
4) n-Nitrosodimethylamine	3.45	42	300403	48.06	ng	92
6) Aniline	6.55	93	342289	17.98	ng	95
8) 2-Chlorophenol	6.67	128	449767	40.81	ng	96
9) Benzaldehyde	6.44	77	231052	24.14	ng	98
10) Phenol	6.53	94	580132	41.99	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	468407	40.75	ng	92
12) 1,3-Dichlorobenzene	6.83	146	478206	37.47	ng	97
13) 1,4-Dichlorobenzene	6.90	146	482808	37.97	ng	99
14) 1,2-Dichlorobenzene	7.06	146	447985	37.83	ng	100
15) Benzyl Alcohol	7.03	79	418628	42.24	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	820881	37.59	ng	99
17) 2-Methylphenol	7.14	107	388413	38.21	ng	97
18) Hexachloroethane	7.40	117	168576	38.67	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	322016	37.89	ng	93
20) 3+4-Methylphenols	7.29	107	456294	36.40	ng	# 83
22) Acetophenone	7.30	105	618206	37.80	ng	# 93
24) Nitrobenzene	7.47	77	513498	45.31	ng	95
25) Isophorone	7.70	82	957334	43.15	ng	95
26) 2-Nitrophenol	7.79	139	234231	49.89	ng	98
27) 2,4-Dimethylphenol	7.82	122	426619	45.51	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	579732	44.11	ng	100
29) 2,4-Dichlorophenol	8.03	162	360675	42.33	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	362887	37.64	ng	100
31) Naphthalene	8.19	128	1246619	38.17	ng	100
32) Benzoic acid	7.93	122	247433	40.21	ng	94
33) 4-Chloroaniline	8.23	127	137201	9.75	ng	95
34) Hexachlorobutadiene	8.30	225	185165	37.49	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	402358	42.03	ng	99
37) 2-Methylnaphthalene	8.89	142	813750	38.06	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	304118	39.77	ng	97
40) Hexachlorocyclopentadiene	9.03	237	88182	24.26	ng	99
42) 2,4,6-Trichlorophenol	9.16	196	218384	43.48	ng	99

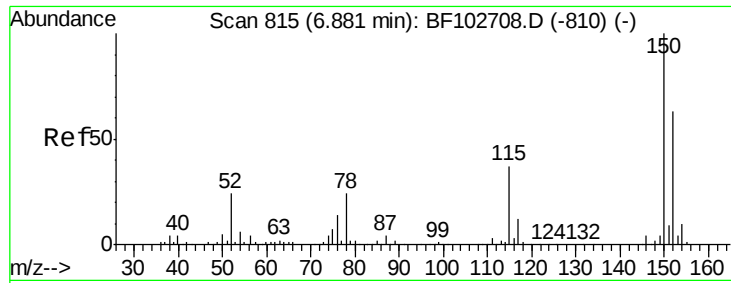
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102893.D
 Acq On : 9 Feb 2018 17:16
 Operator : SJ/JU
 Sample : PB106115BSD
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Quant Time: Feb 09 22:06:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	230272	40.67	nq	98
45) 1,1'-Biphenyl	9.35	154	920869	38.93	nq	99
46) 2-Chloronaphthalene	9.37	162	719837	38.65	nq	99
47) 2-Nitroaniline	9.47	65	287599	49.90	nq	86
48) Acenaphthylene	9.79	152	1075366	37.18	nq	99
49) Dimethylphthalate	9.65	163	885495	40.43	nq	100
50) 2,6-Dinitrotoluene	9.71	165	182767	43.87	nq	90
51) Acenaphthene	9.96	154	641866	37.10	nq	99
52) 3-Nitroaniline	9.87	138	114211	22.28	nq	92
53) 2,4-Dinitrophenol	9.99	184	34409	39.69	nq	# 18
54) Dibenzofuran	10.13	168	929222	38.12	nq	96
55) 4-Nitrophenol	10.04	139	288219	68.99	nq	91
56) 2,4-Dinitrotoluene	10.12	165	229771	41.56	nq	97
57) Fluorene	10.47	166	678949	38.28	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	155860	39.72	nq	95
59) Diethylphthalate	10.35	149	853849	39.49	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	313807	39.99	nq	95
61) 4-Nitroaniline	10.49	138	169763	34.79	nq	99
62) Azobenzene	10.63	77	870156	40.28	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	30057	24.46	nq	91
65) n-Nitrosodiphenylamine	10.59	169	621294	43.43	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	184917	43.11	nq	94
67) Hexachlorobenzene	11.03	284	180298	38.10	nq	93
68) Atrazine	11.11	200	181936	43.11	nq	95
69) Pentachlorophenol	11.22	266	175093	63.03	nq	100
70) Phenanthrene	11.44	178	866239	38.35	nq	99
71) Anthracene	11.49	178	898422	39.11	nq	99
72) Carbazole	11.65	167	843639	37.49	nq	99
73) Di-n-butylphthalate	11.97	149	1191487	43.58	nq	100
74) Fluoranthene	12.63	202	870844	38.32	nq	99
76) Benzidine	12.75	184	513848	34.83	nq	98
77) Pyrene	12.86	202	900481	35.78	nq	99
79) Butylbenzylphthalate	13.47	149	504790	42.06	nq	94
80) Benzo(a)anthracene	14.05	228	825896	40.91	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	297515	39.75	nq	96
82) Chrysene	14.09	228	776490	38.16	nq	100
83) Bis(2-ethylhexyl)phthalate	14.03	149	727062	47.16	nq	100
84) Di-n-octyl phthalate	14.64	149	1265256	54.65	nq	97
85) Indeno(1,2,3-cd)pyrene	17.06	276	653410	38.72	nq	98
87) Benzo(b)fluoranthene	15.11	252	808570	39.98	nq	98
88) Benzo(k)fluoranthene	15.14	252	772822	39.99	nq	100
89) Benzo(a)pyrene	15.49	252	744601	40.90	nq	98
90) Dibenzo(a,h)anthracene	17.07	278	552628	37.40	nq	98
91) Benzo(g,h,i)perylene	17.51	276	513570	35.51	nq	97

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

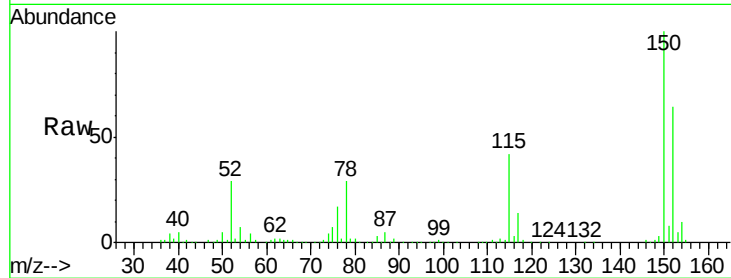


#1

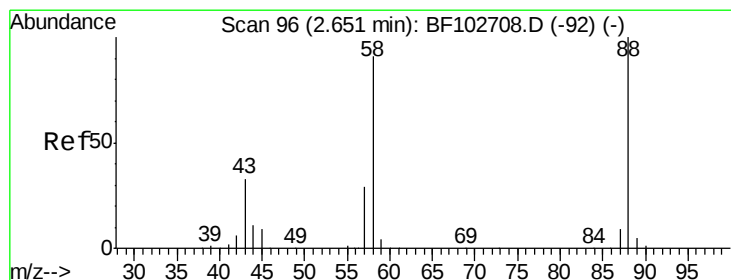
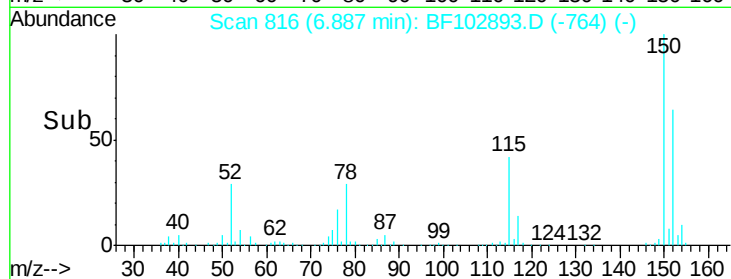
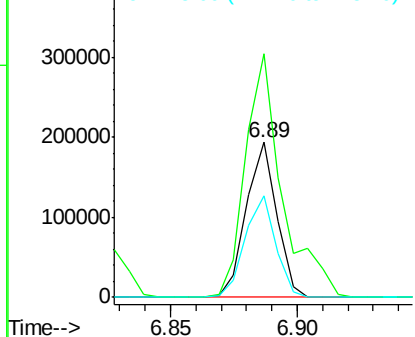
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162584
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 65.5 50.1 75.1



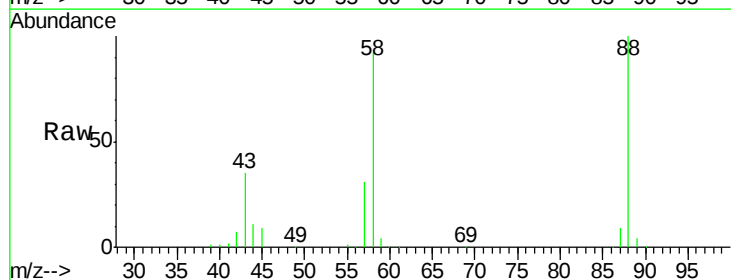
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



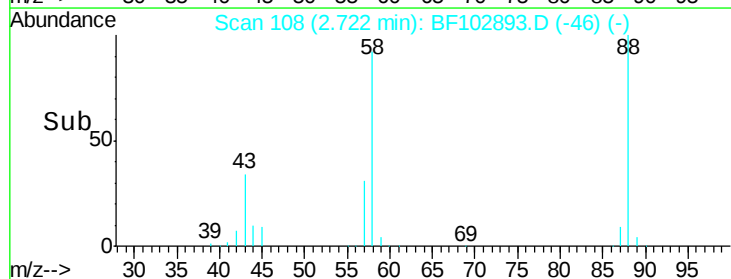
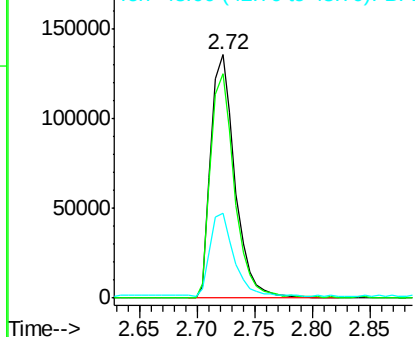
#2

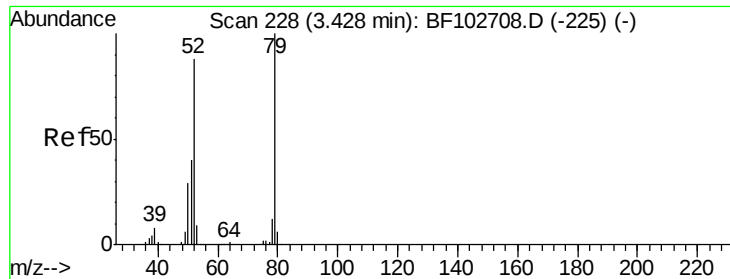
1,4-Dioxane
Concen: 37.37 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.06 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion: 88 Resp: 197619
Ion Ratio Lower Upper
88 100
58 92.3 62.6 93.8
43 33.4 24.6 37.0



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

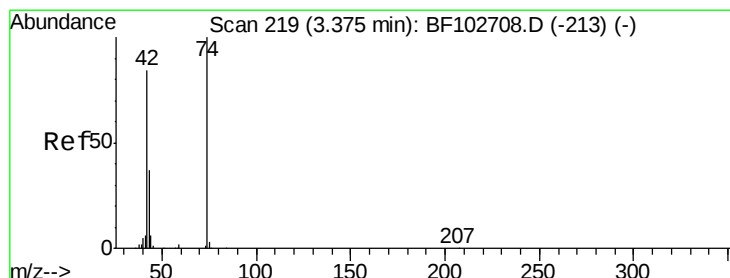
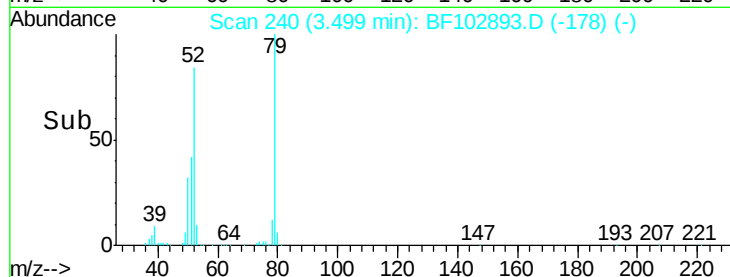
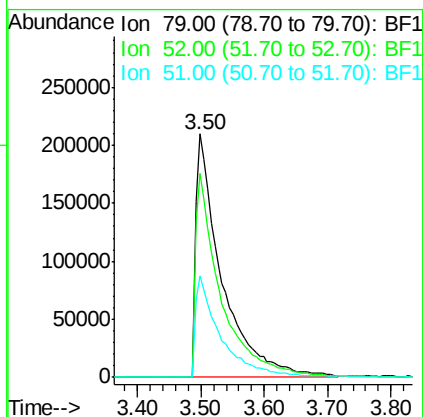
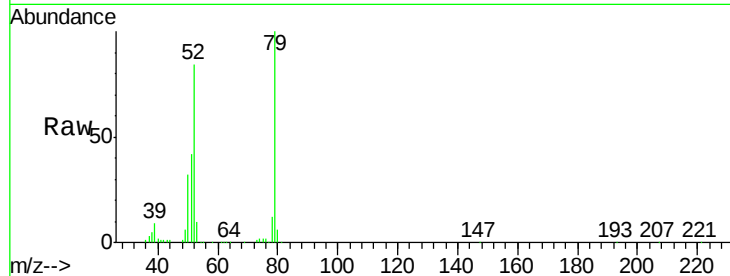




#3
 Pvridine
 Concen: 40.40 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.06 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

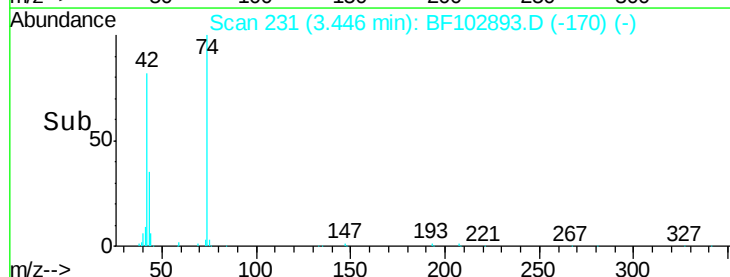
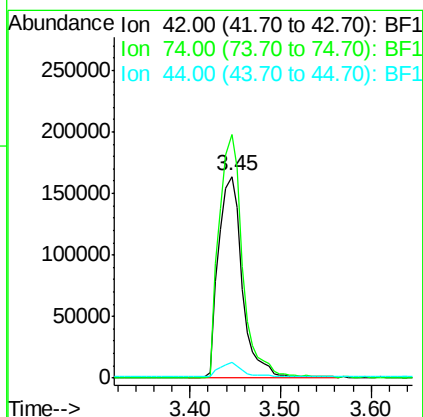
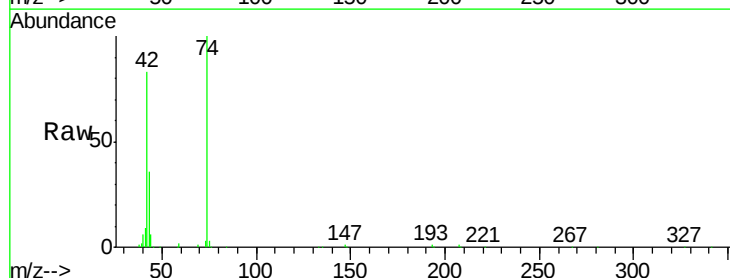
Instrument :
 BNA_F
 ClientSampled :

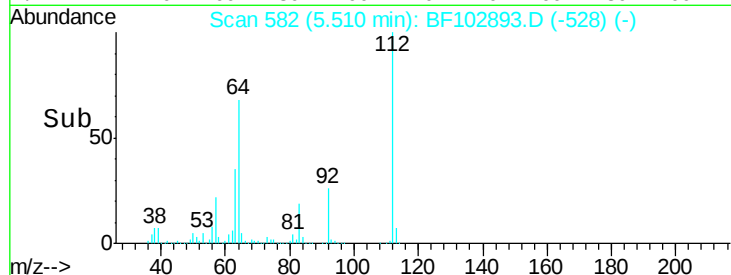
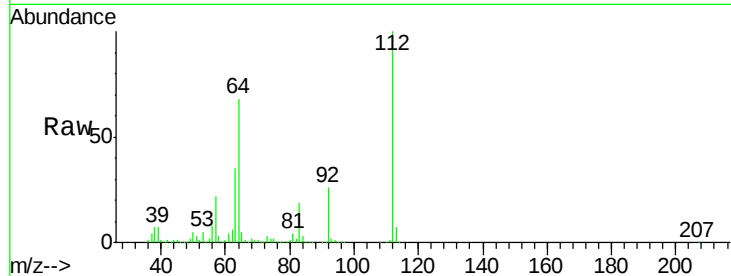
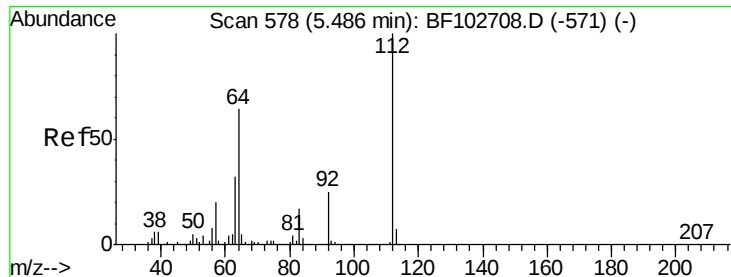
Tot Ion: 79 Resp: 590206
 Ion Ratio Lower Upper
 79 100
 52 83.9 59.8 89.6
 51 41.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 48.06 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.06 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion: 42 Resp: 300403
 Ion Ratio Lower Upper
 42 100
 74 120.9 104.9 157.3
 44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 113.43 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

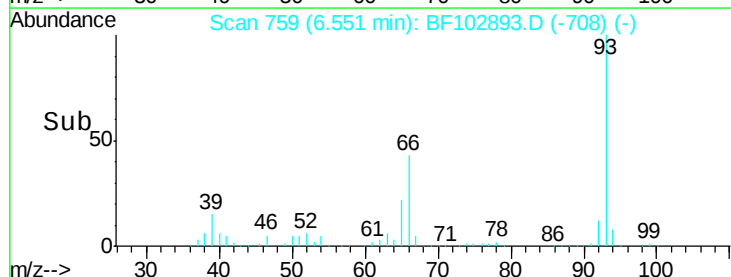
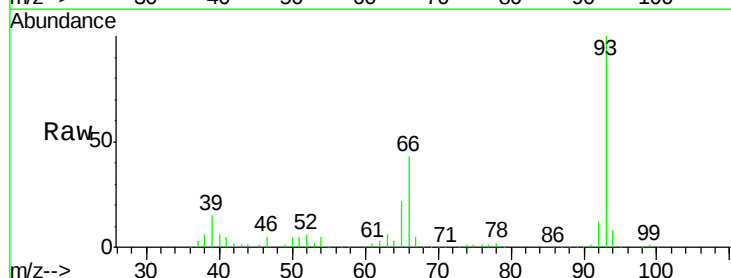
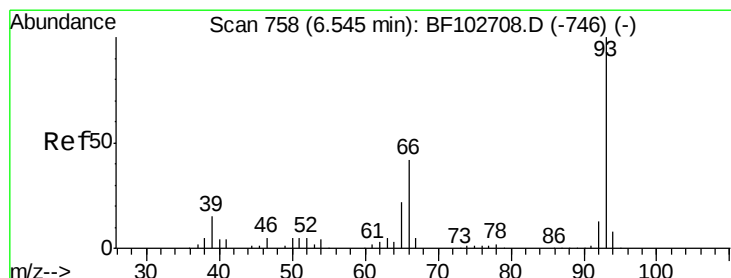
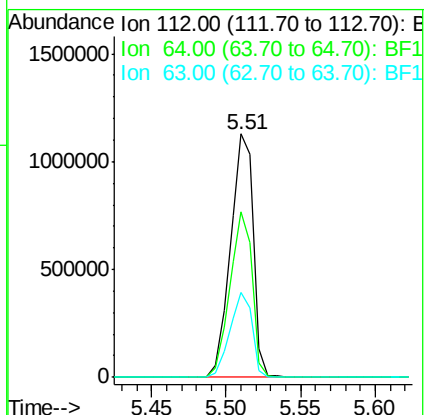
Tot Ion:112 Resp: 1214390

Ion Ratio Lower Upper

112 100

64 67.7 47.9 71.9

63 34.8 23.7 35.5



#6

Aniline

Concen: 17.98 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

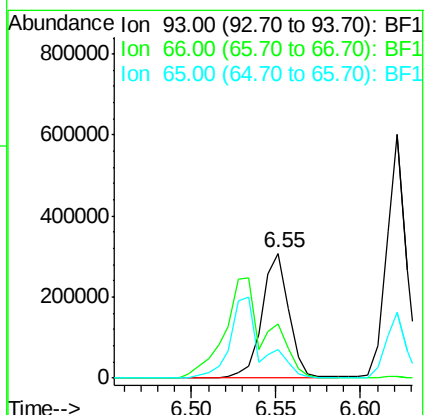
Tgt Ion: 93 Resp: 342289

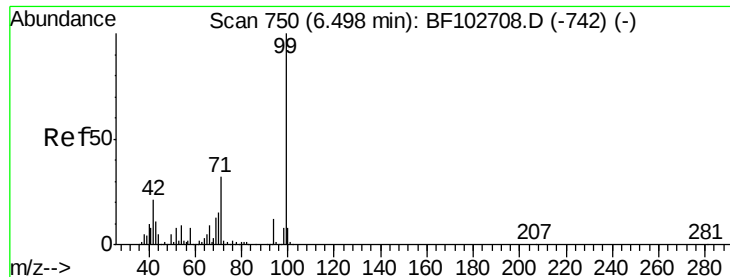
Ion Ratio Lower Upper

93 100

66 43.4 32.2 48.2

65 22.5 16.4 24.6





#7

Phenol-d6

Concen: 112.79 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampled :

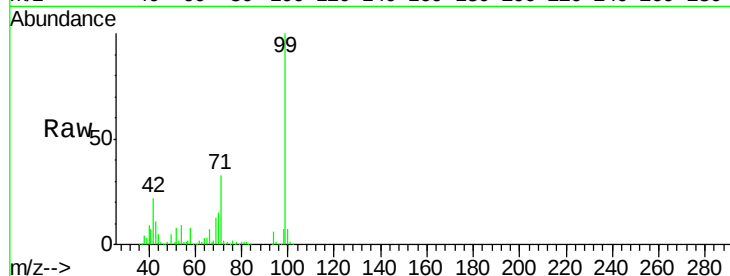
Tot Ion: 99 Resp: 1453912

Ion Ratio Lower Upper

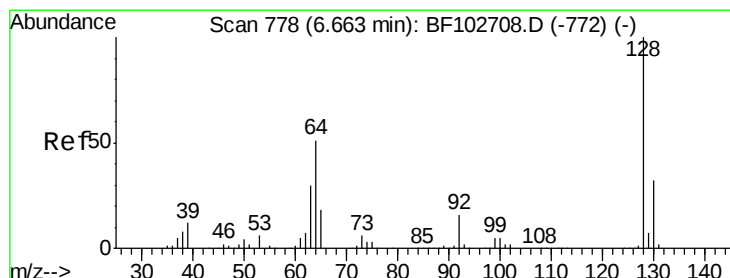
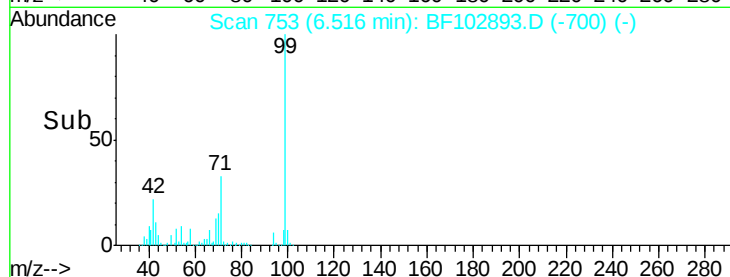
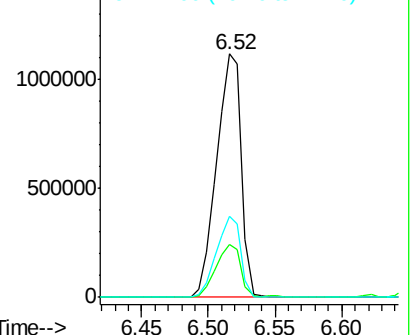
99 100

42 21.7 14.5 21.7

71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.81 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

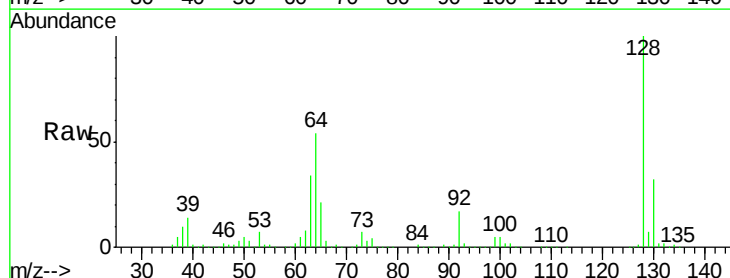
Tgt Ion: 128 Resp: 449767

Ion Ratio Lower Upper

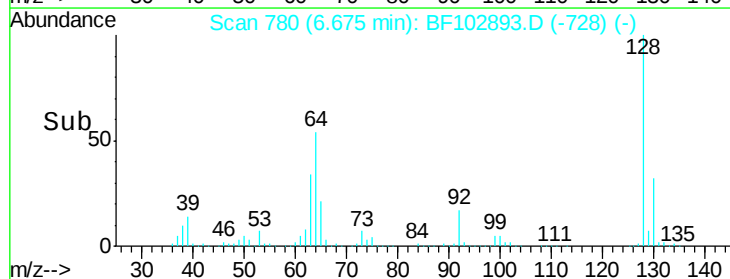
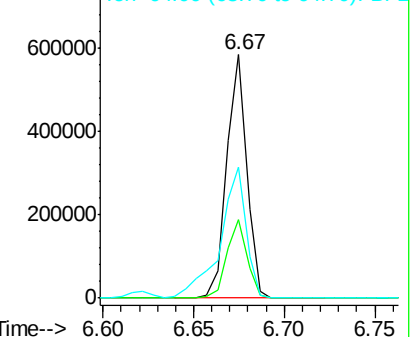
128 100

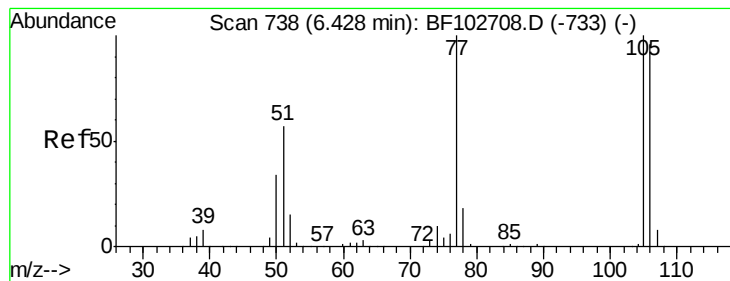
130 32.2 13.0 53.0

64 53.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.14 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

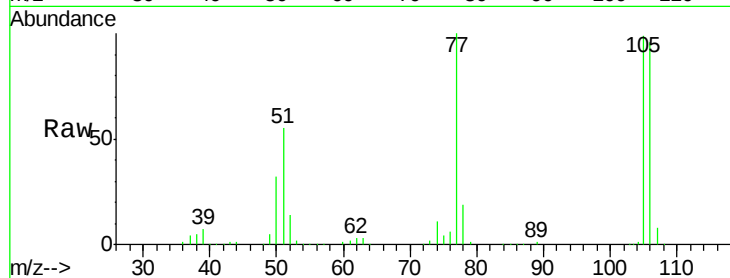
Tot Ion: 77 Resp: 231052

Ion Ratio Lower Upper

77 100

105 99.1 81.1 121.1

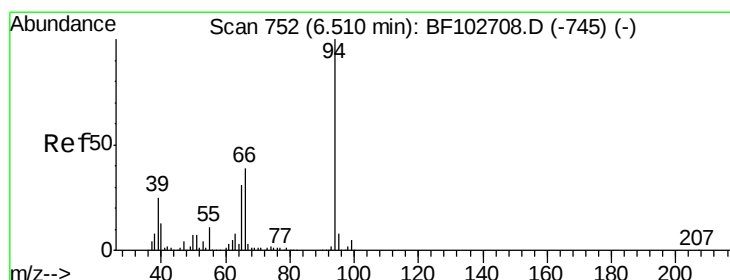
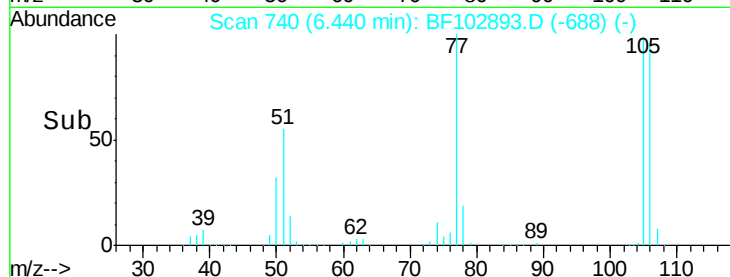
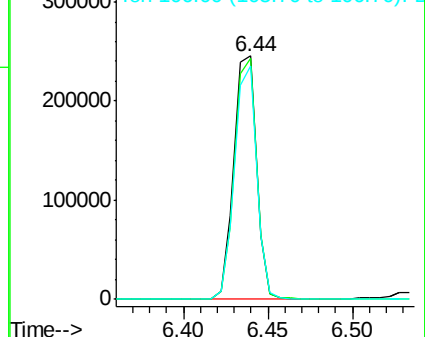
106 95.6 74.5 114.5



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: 41.99 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

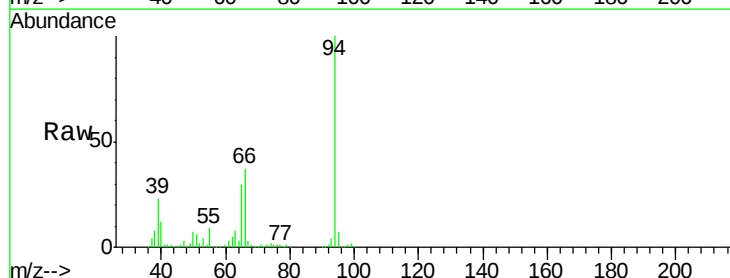
Tgt Ion: 94 Resp: 580132

Ion Ratio Lower Upper

94 100

65 29.7 7.9 47.9

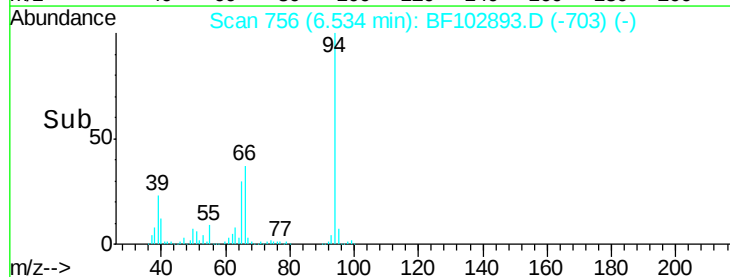
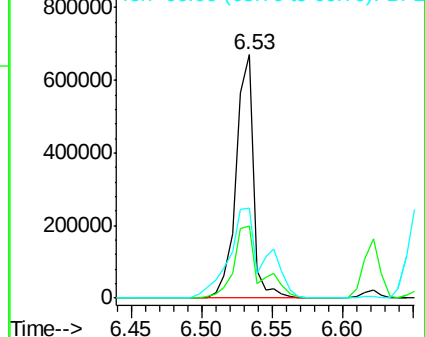
66 37.0 16.2 56.2

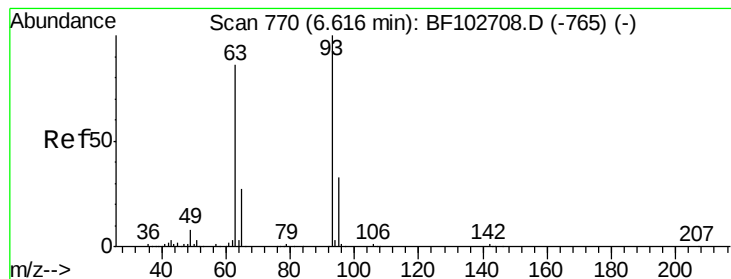


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

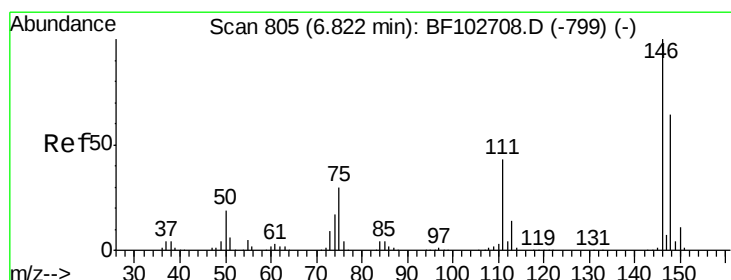
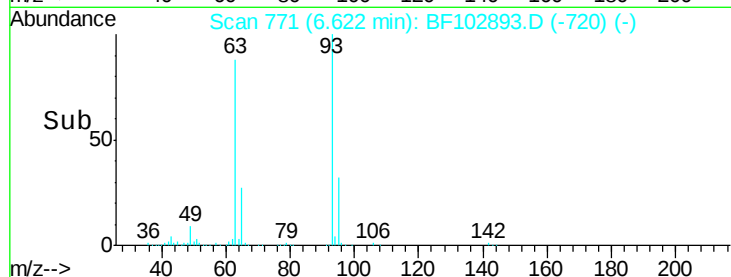
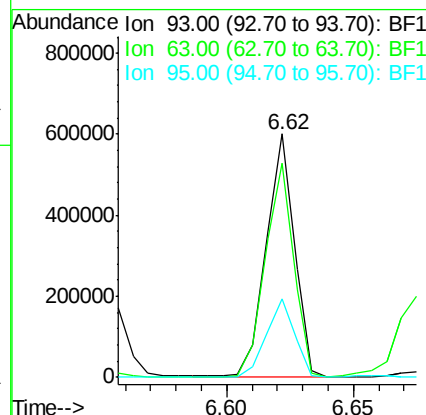
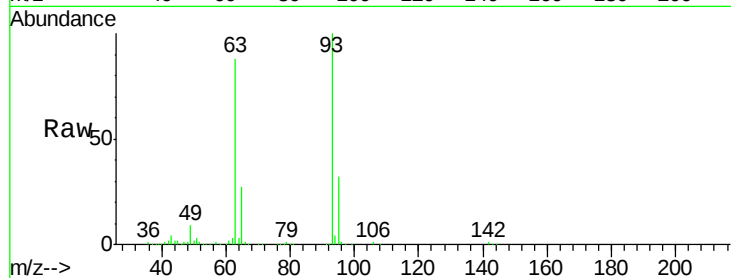




#11
bis(2-Chloroethyl)ether
Concen: 40.75 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

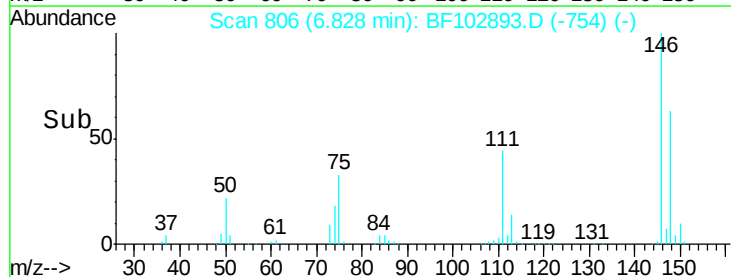
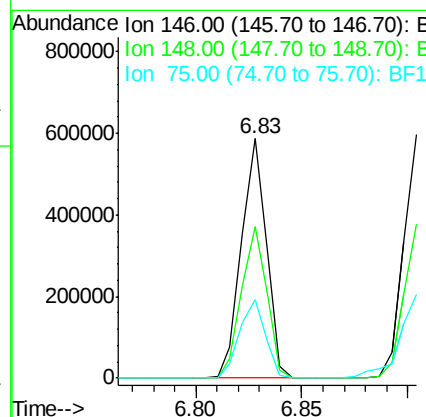
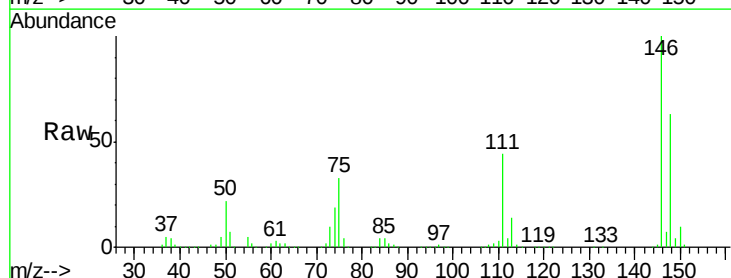
Instrument :
BNA_F
ClientSampleId :

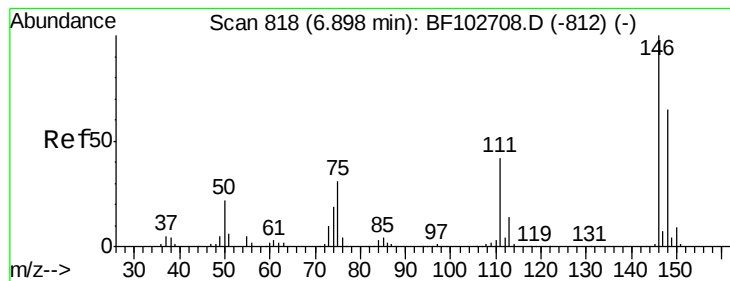
Tot Ion	93	Resp	468407
Ion	Ratio	Lower	Upper
93	100		
63	87.9	58.6	98.6
95	32.1	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 37.47 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	146	Resp	478206
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	33.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.97 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

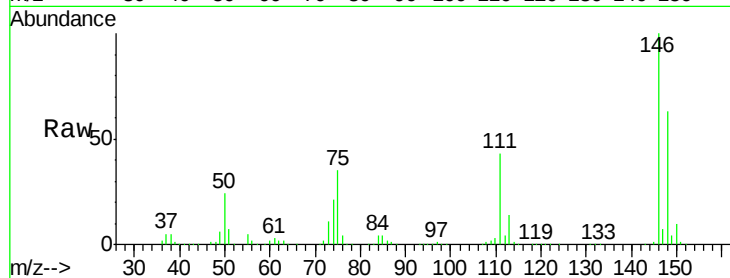
Tot Ion:146 Resp: 482808

Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

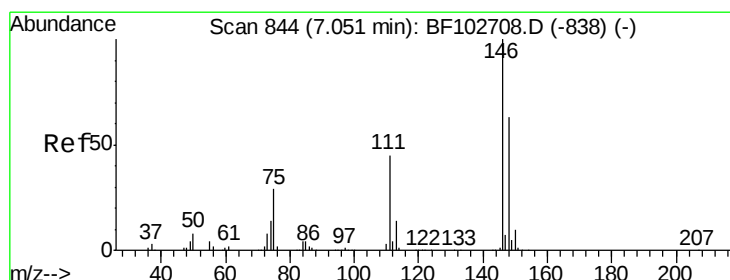
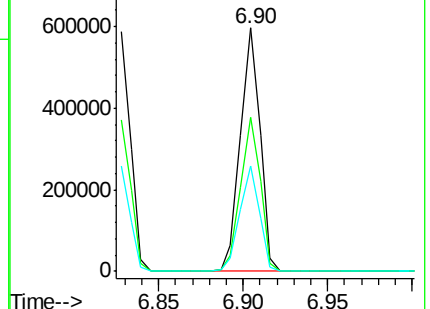
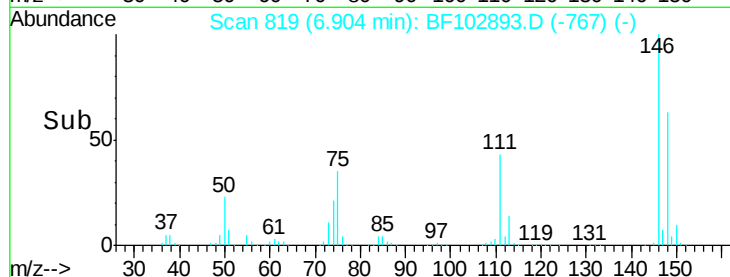
111 43.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.83 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

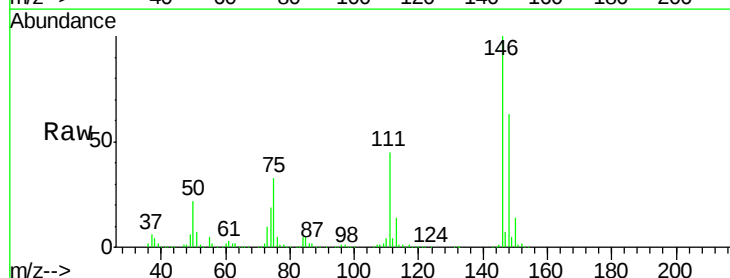
Tgt Ion:146 Resp: 447985

Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

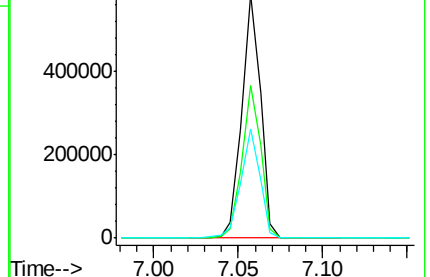
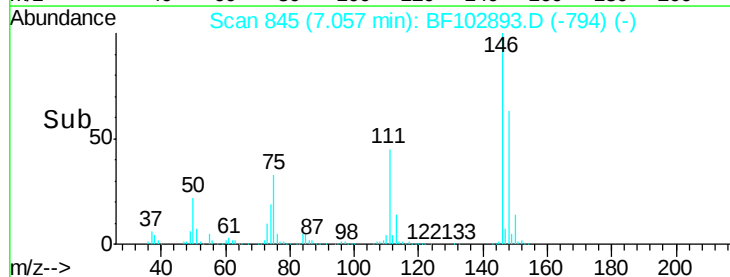
111 44.8 36.0 54.0

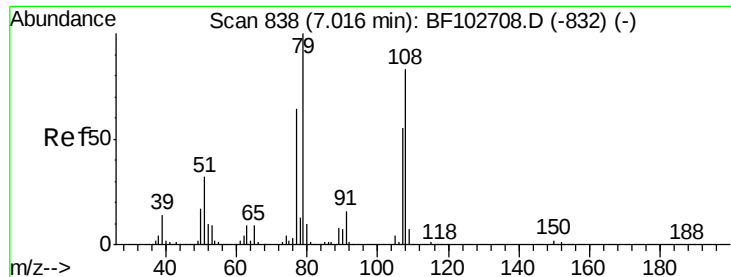


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.24 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampled :

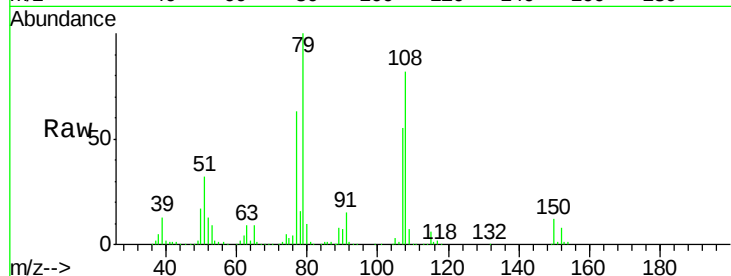
Tot Ion: 79 Resp: 418628

Ion Ratio Lower Upper

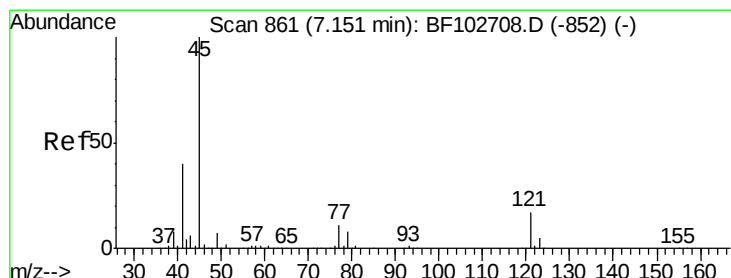
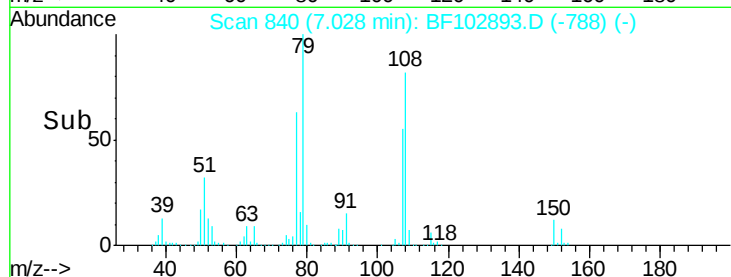
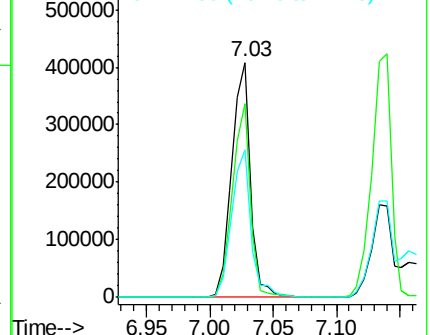
79 100

108 82.2 65.1 97.7

77 62.8 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.59 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

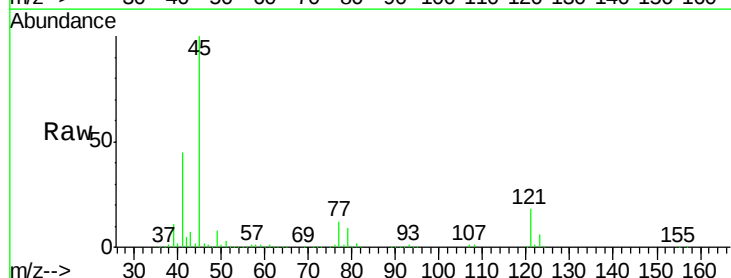
Tgt Ion: 45 Resp: 820881

Ion Ratio Lower Upper

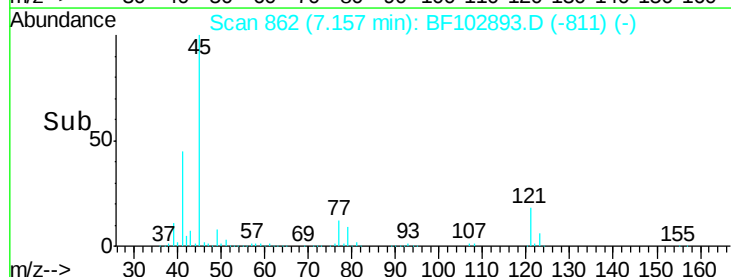
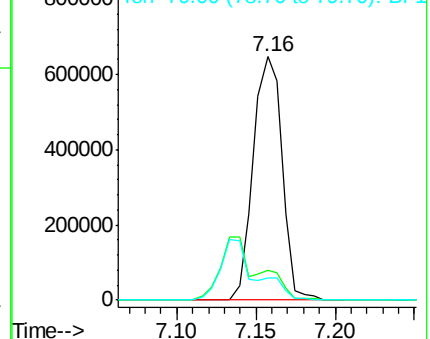
45 100

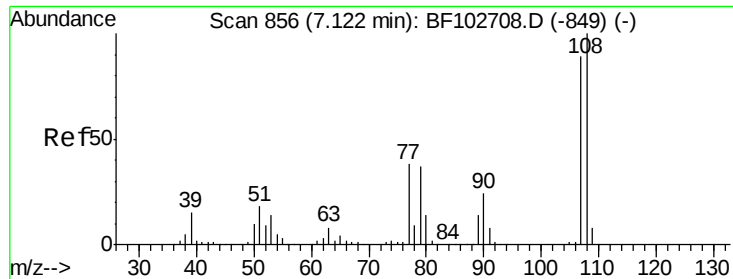
77 12.4 0.0 32.9

79 9.2 0.0 29.6



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

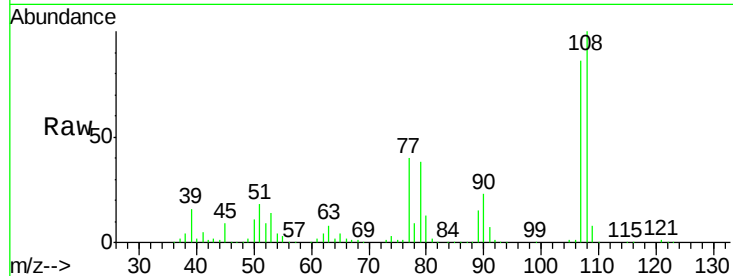




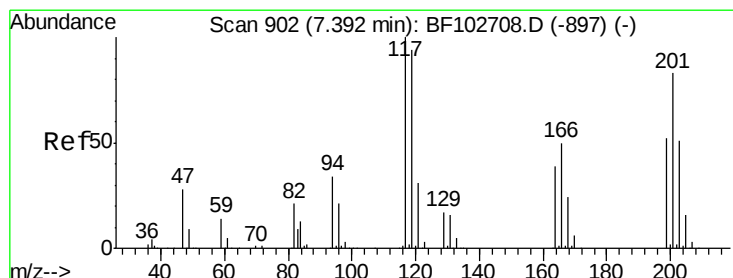
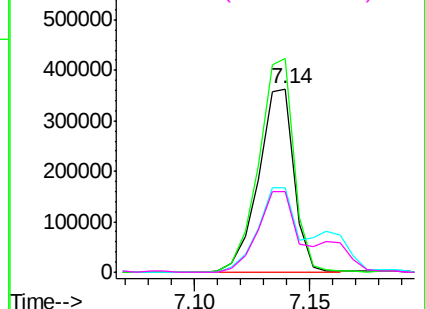
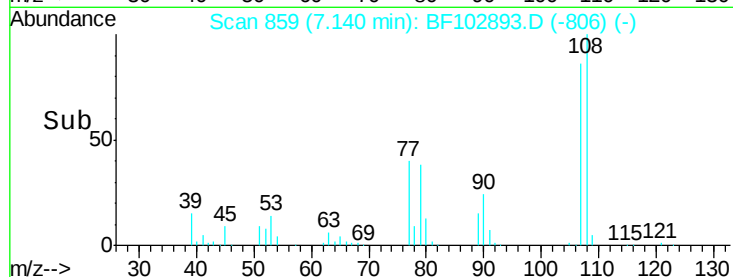
#17
2-Methylphenol
Concen: 38.21 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 388413
Ion Ratio Lower Upper
107 100
108 116.7 91.7 137.5
77 46.3 33.8 50.8
79 43.9 33.8 50.8

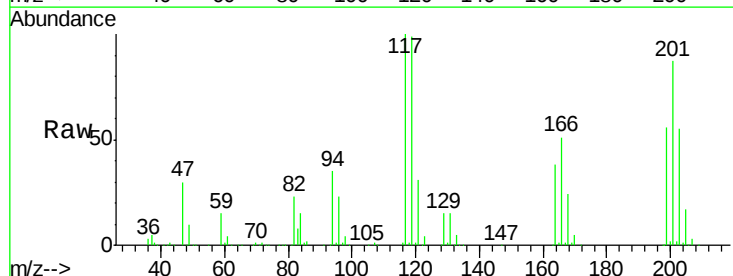


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

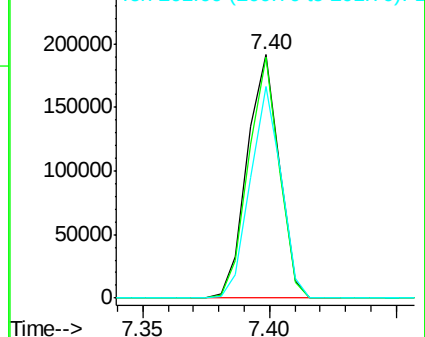
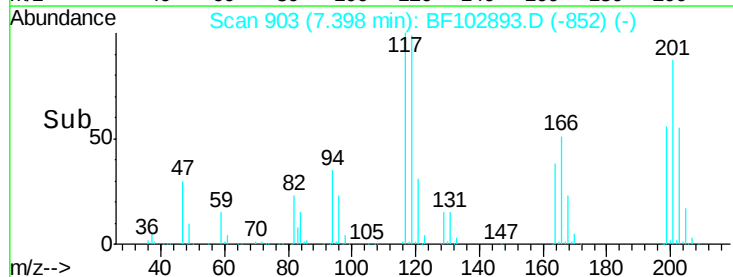


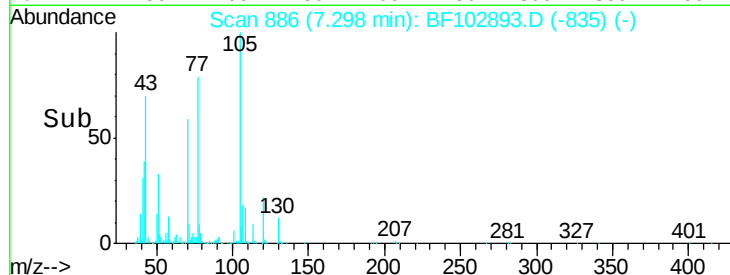
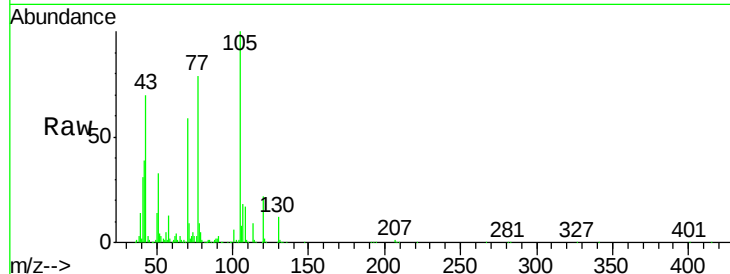
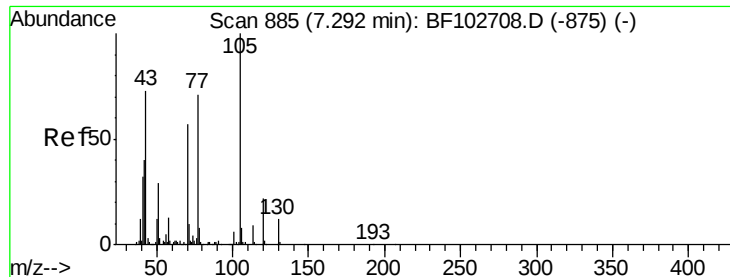
#18
Hexachloroethane
Concen: 38.67 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion:117 Resp: 168576
Ion Ratio Lower Upper
117 100
119 99.2 75.8 113.8
201 86.7 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

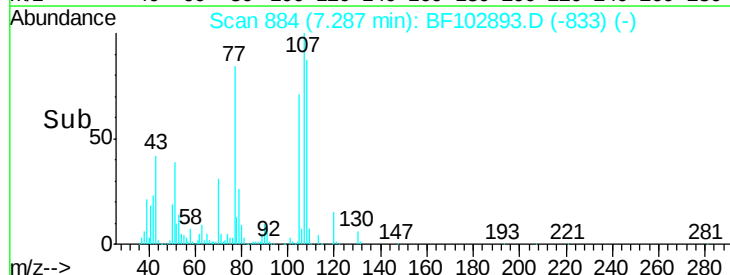
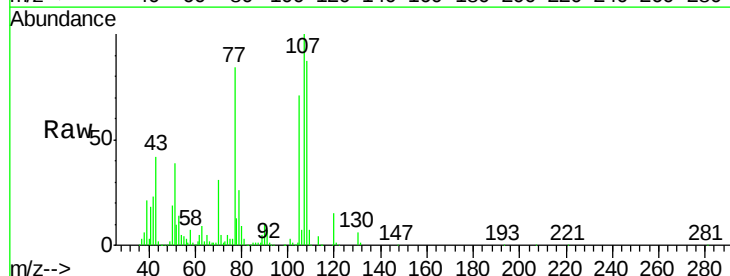
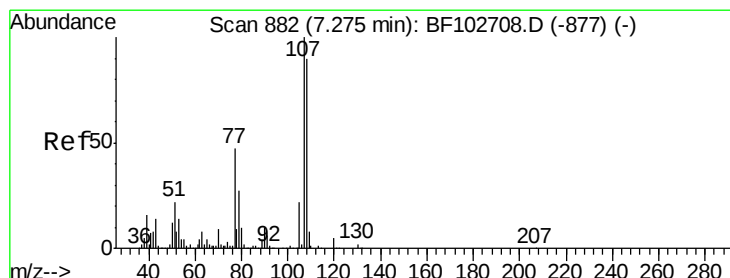
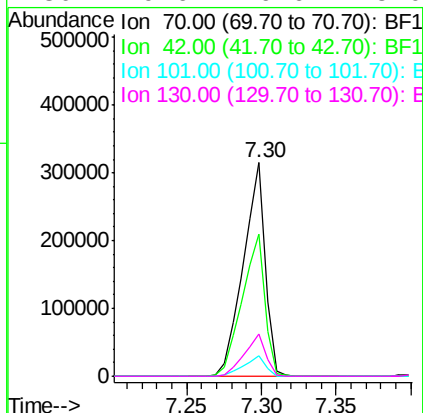




#19
n-Nitroso-di-n-propylamine
Concen: 37.89 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

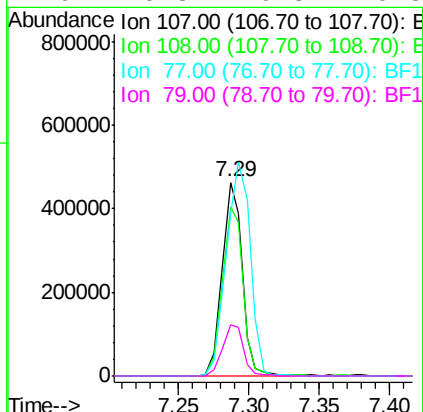
Instrument :
BNA_F
ClientSampleId :

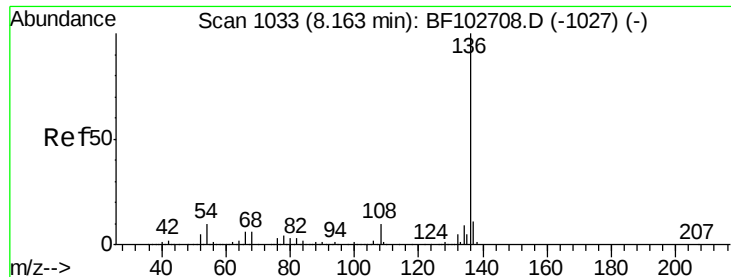
Tot Ion:	70	Resp:	322016
Ion	Ratio	Lower	Upper
70	100		
42	66.4	47.5	71.3
101	9.5	7.4	11.2
130	19.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.40 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion:	107	Resp:	456294
Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	83.8	26.7	66.7#
79	26.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102893.D

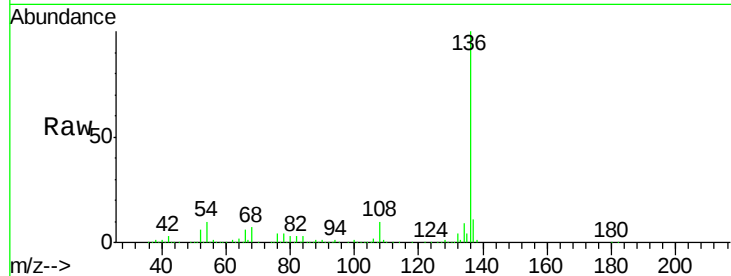
Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	668410
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	10.2	6.6 9.8#
68	6.7	5.0 7.4

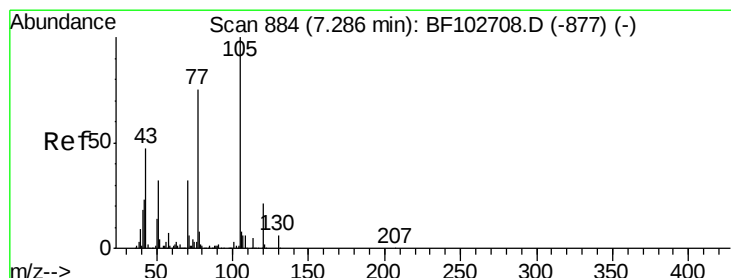
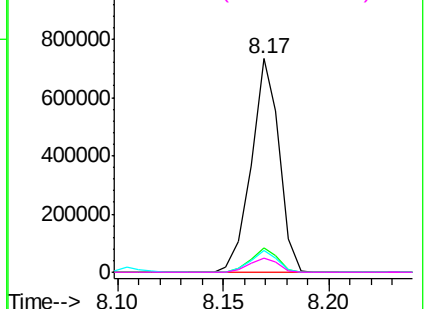
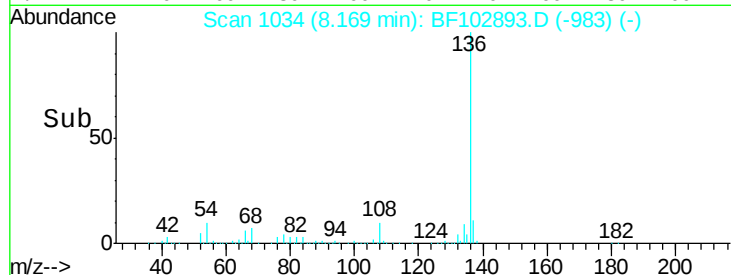


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.80 ng

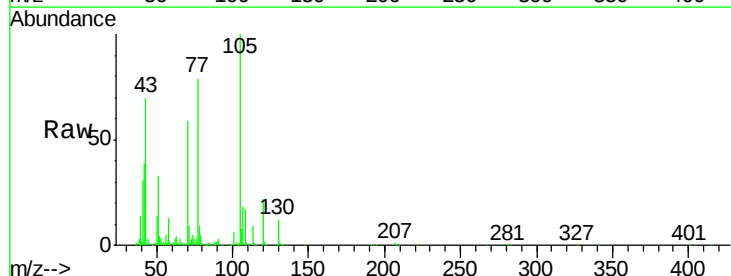
RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Tgt Ion:105	Resp:	618206
Ion	Ratio	Lower Upper
105	100	
71	9.2	4.4 6.6#
51	33.3	22.3 33.5
120	22.3	16.9 25.3

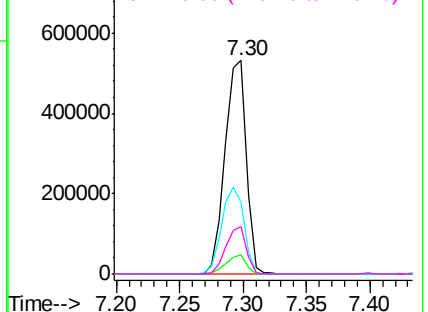
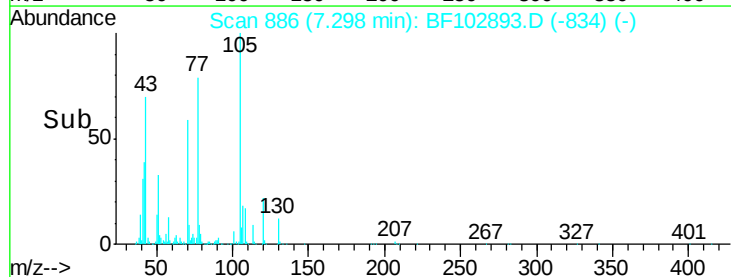


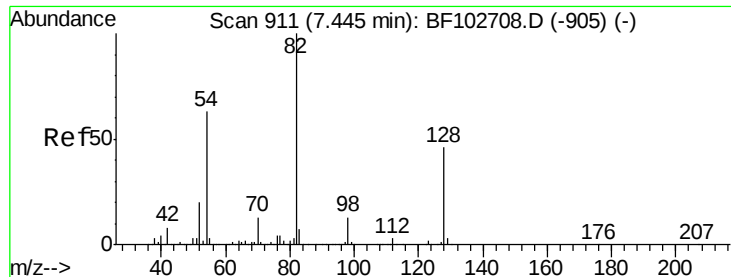
Abundance Ion 105.00 (104.70 to 105.70): E

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

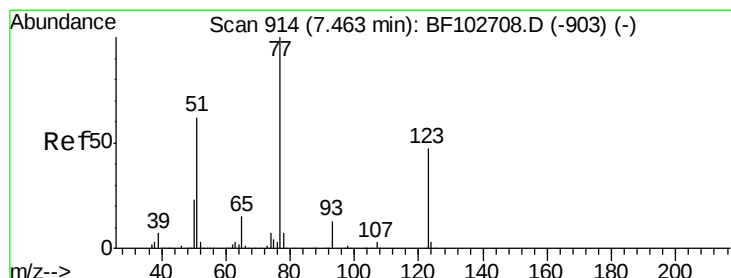
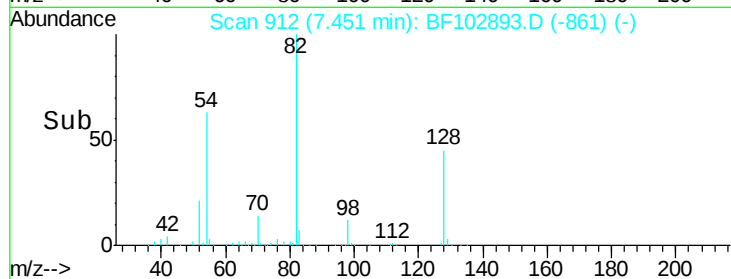
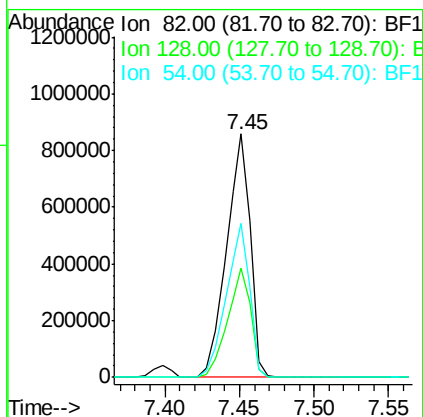
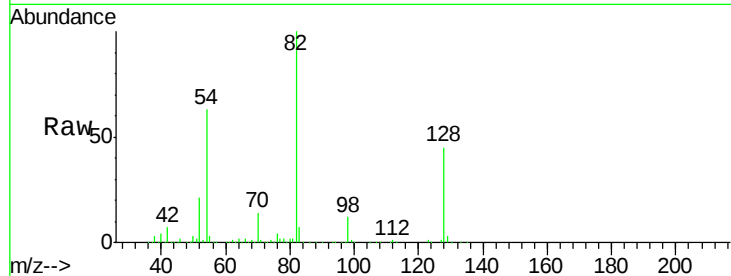




#23
 Nitrobenzene-d5
 Concen: 99.70 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

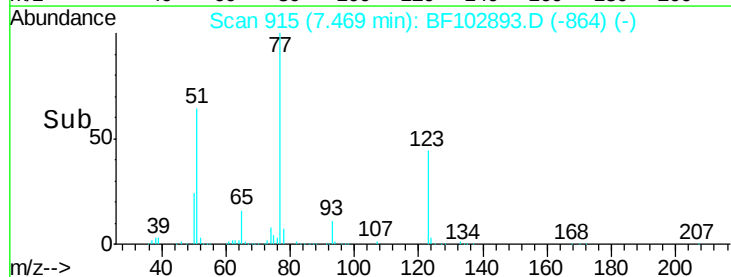
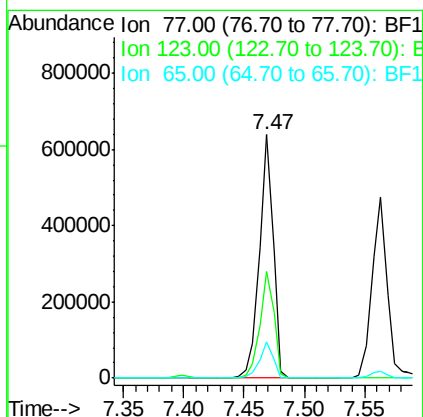
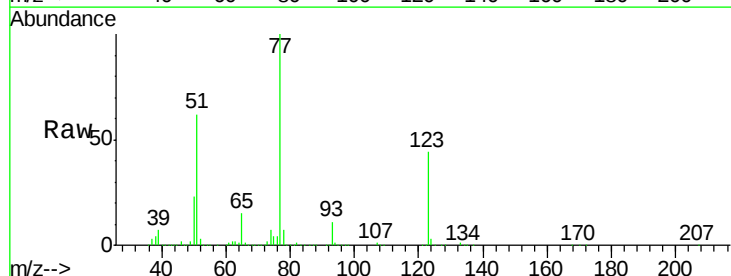
Instrument :
 BNA_F
 ClientSampled :

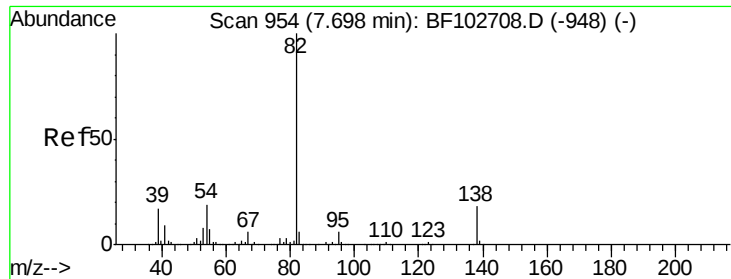
Tot Ion: 82 Resp: 960685
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 63.2 41.4 62.2#



#24
 Nitrobenzene
 Concen: 45.31 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion: 77 Resp: 513498
 Ion Ratio Lower Upper
 77 100
 123 43.8 37.9 56.9
 65 14.8 11.0 16.4





#25

Isophorone

Concen: 43.15 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampled :

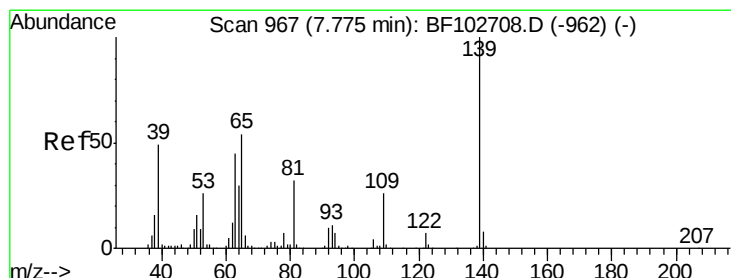
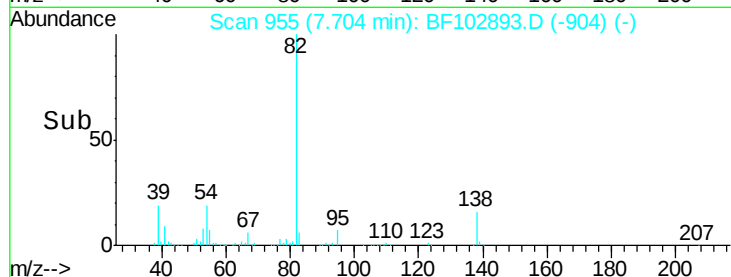
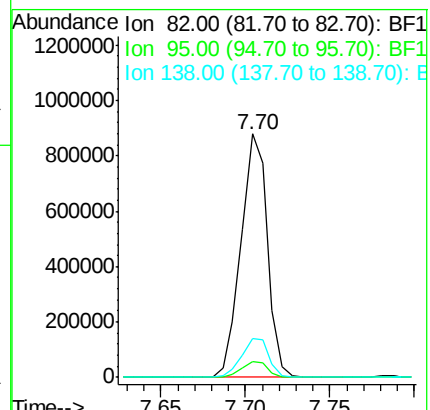
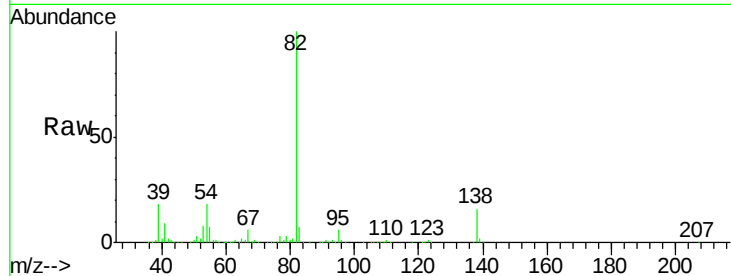
Tot Ion: 82 Resp: 957334

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 15.9 14.9 22.3



#26

2-Nitrophenol

Concen: 49.89 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

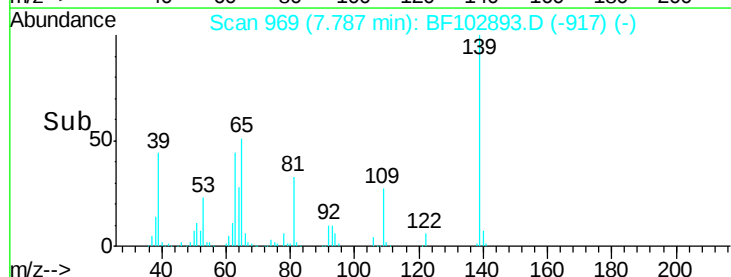
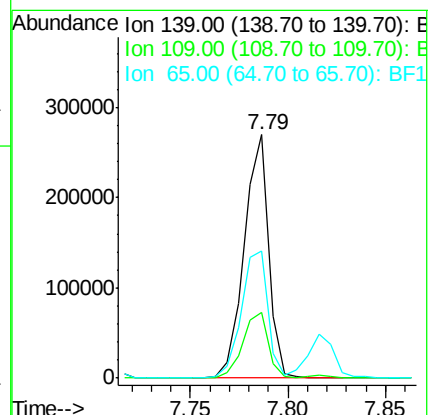
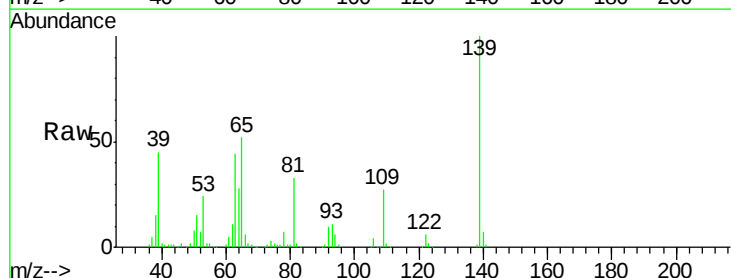
Tgt Ion: 139 Resp: 234231

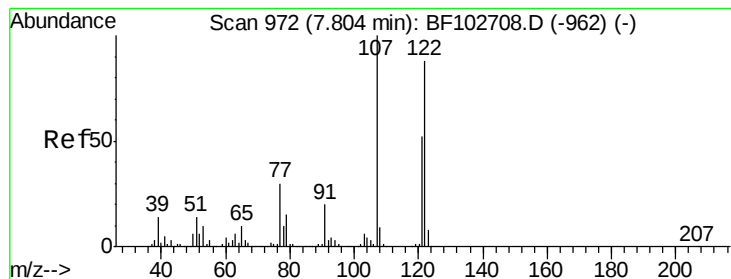
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 52.0 40.5 60.7

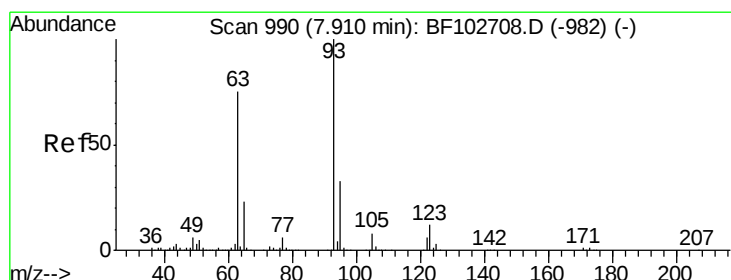
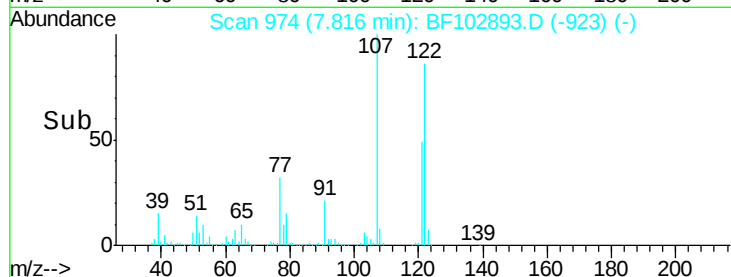
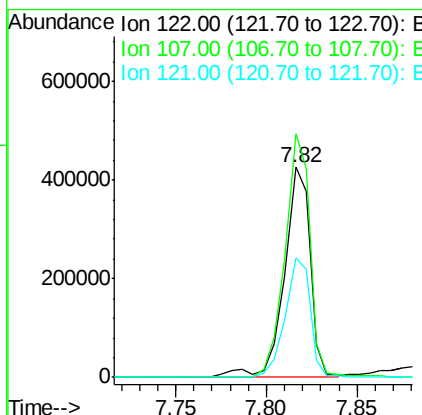
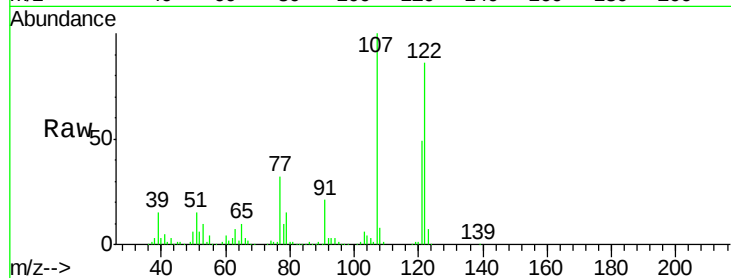




#27
 2,4-Dimethylphenol
 Concen: 45.51 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

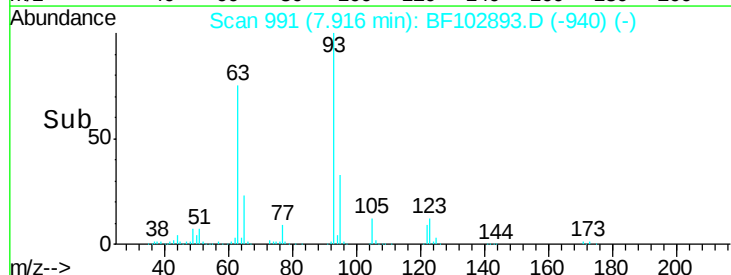
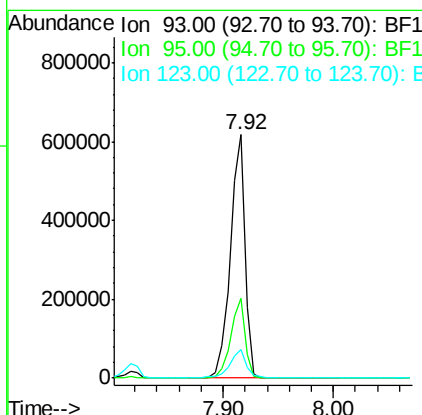
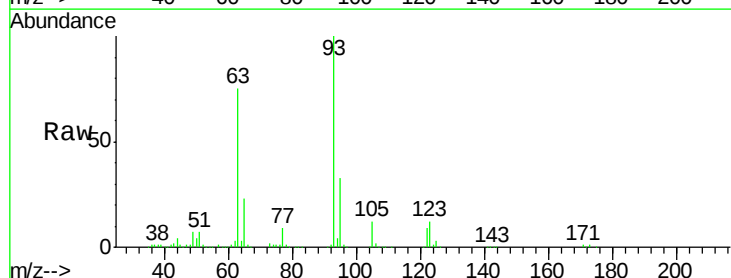
Instrument :
 BNA_F
 ClientSampleId :

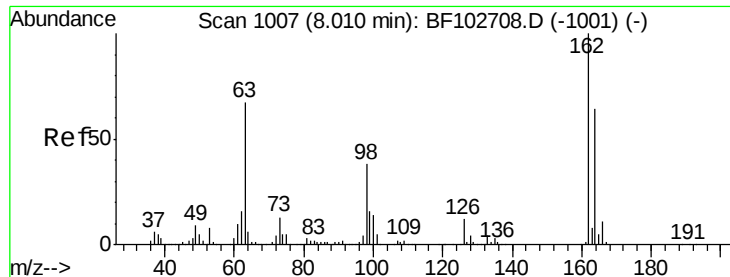
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.2	136.8
121	56.7	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.11 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	12.0	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 42.33 ng

RT: 8.03 min Scan# 1010

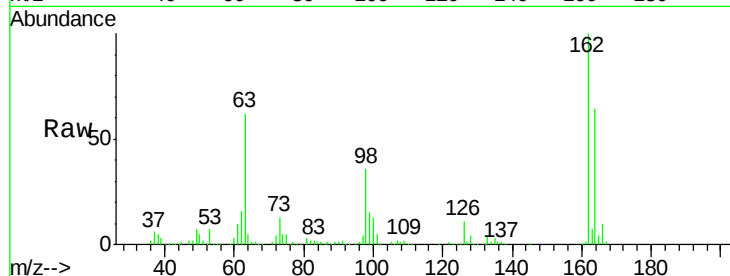
Delta R.T. 0.01 min

Lab File: BF102893.D

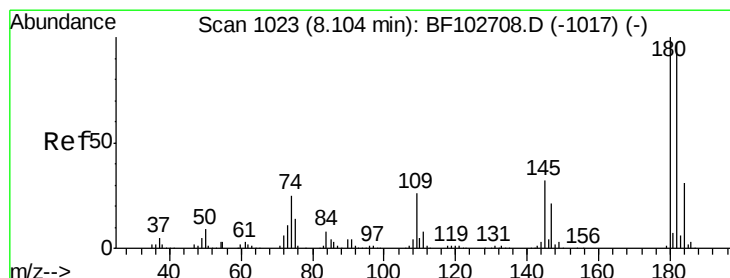
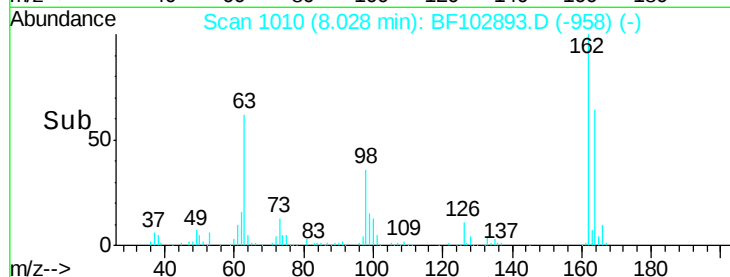
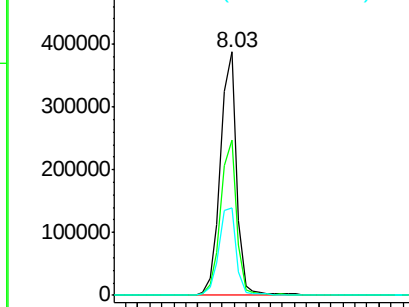
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	162	Resp:	360675
Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	36.1	18.1	58.1



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



#30

1,2,4-Trichlorobenzene

Concen: 37.64 ng

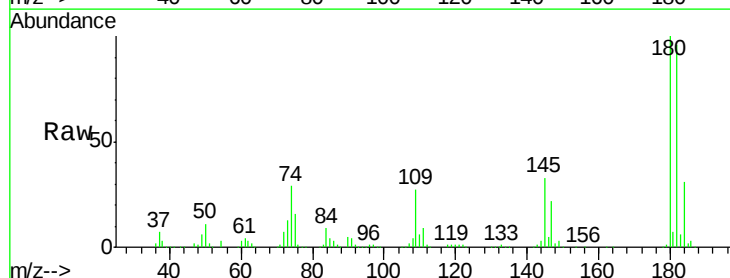
RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

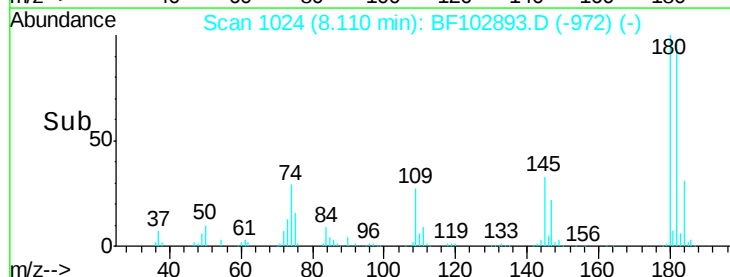
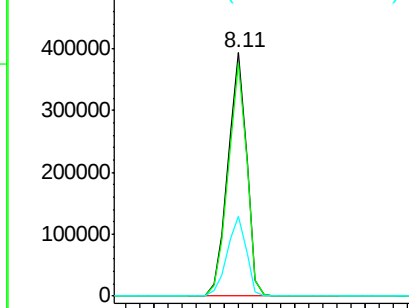
Lab File: BF102893.D

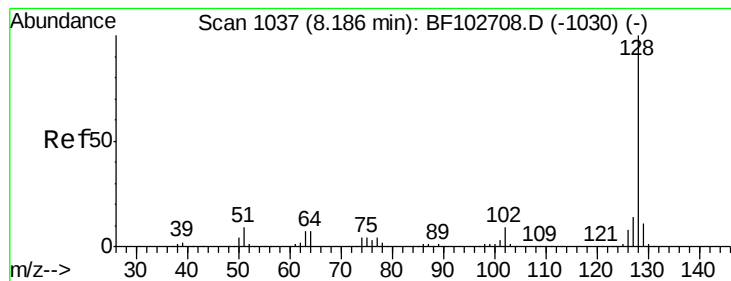
Acq: 9 Feb 2018 17:16

Tgt Ion:	180	Resp:	362887
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.8	115.2
145	32.9	26.5	39.7



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





#31

Naphthalene

Concen: 38.17 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

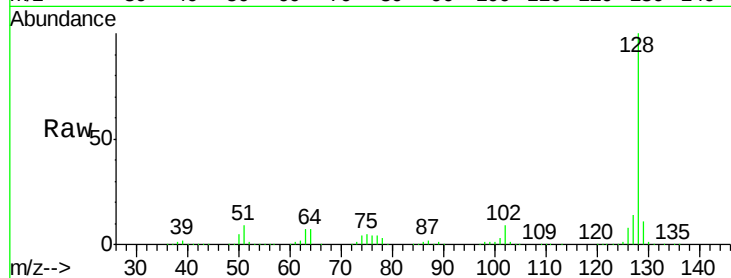
Tot Ion:128 Resp: 1246619

Ion Ratio Lower Upper

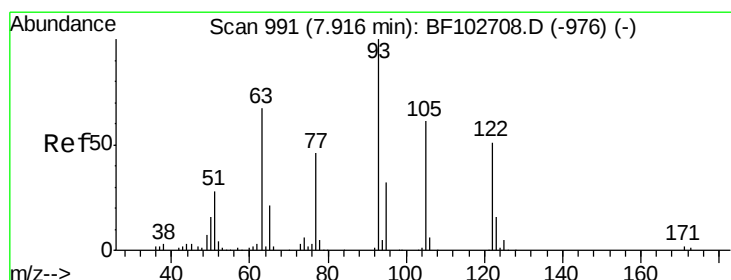
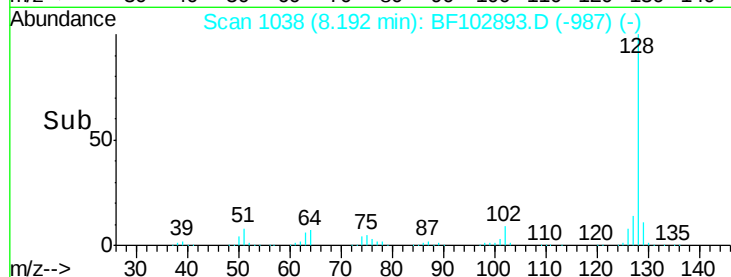
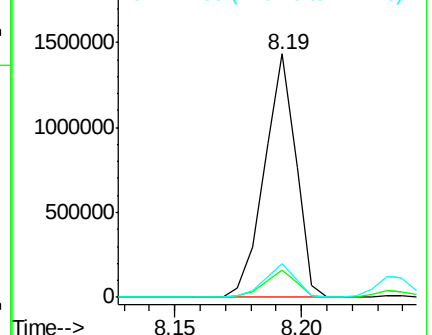
128 100

129 11.4 8.8 13.2

127 13.6 10.9 16.3



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



#32

Benzoic acid

Concen: 40.21 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

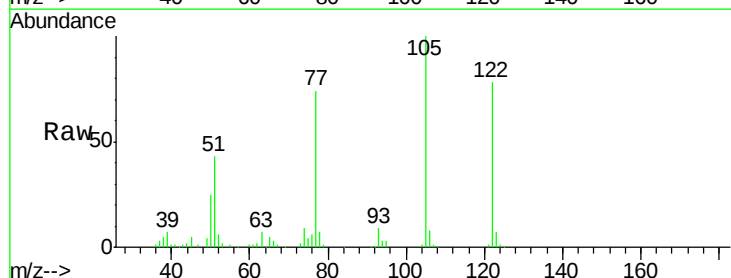
Tgt Ion:122 Resp: 247433

Ion Ratio Lower Upper

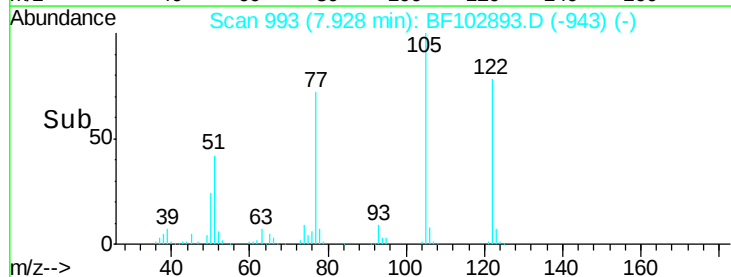
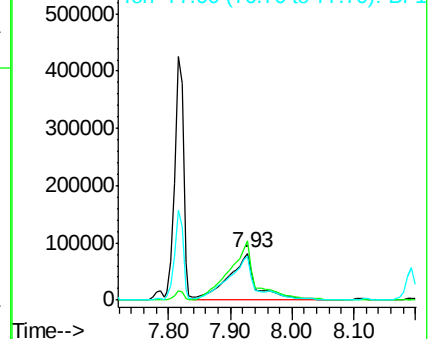
122 100

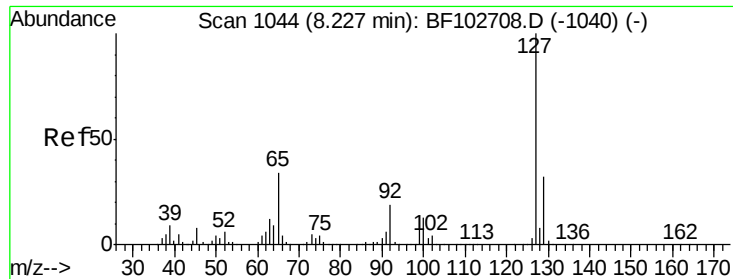
105 128.9 101.1 141.1

77 95.8 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

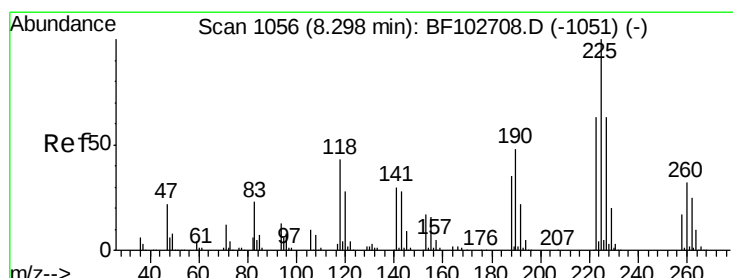
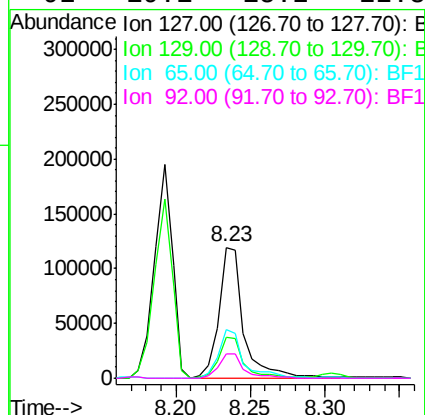
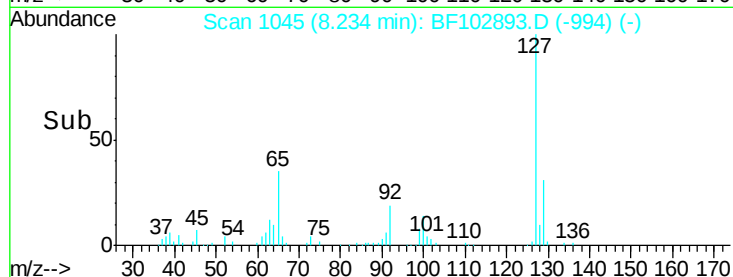
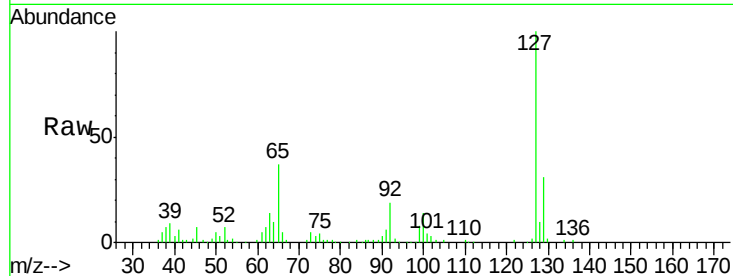




#33
4-Chloroaniline
Concen: 9.75 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

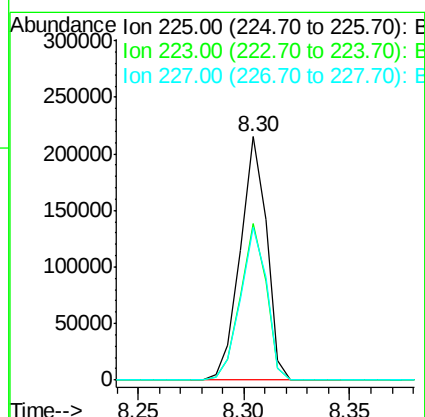
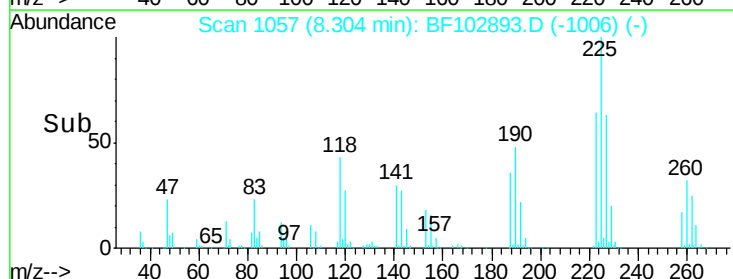
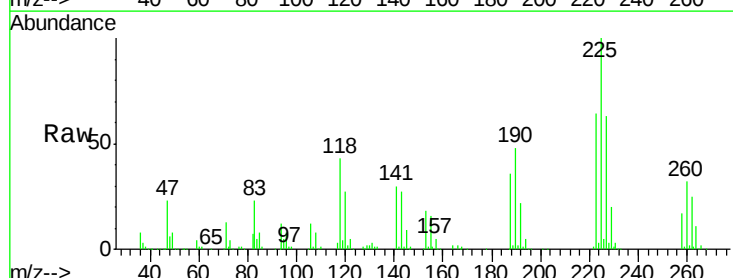
Instrument :
BNA_F
ClientSampled :

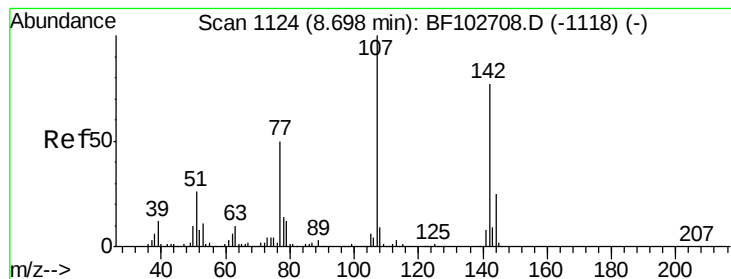
Tot Ion:	127	Resp:	137201
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	36.9	25.0	37.4
92	19.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.49 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion:	225	Resp:	185165
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	62.9	51.9	77.9





#36

4-Chloro-3-methylphenol

Concen: 42.03 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampled :

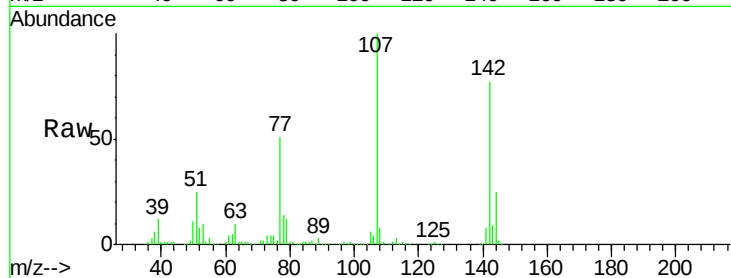
Tot Ion:107 Resp: 402358

Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

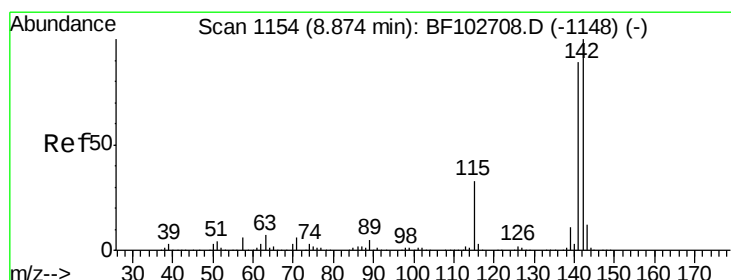
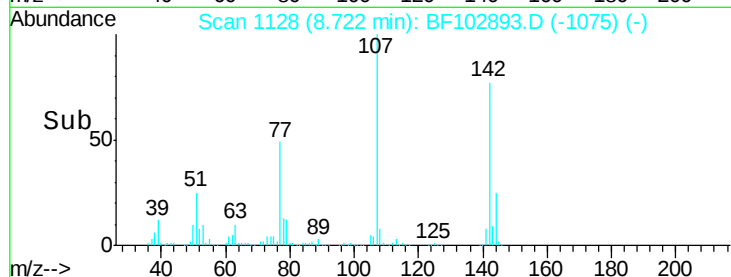
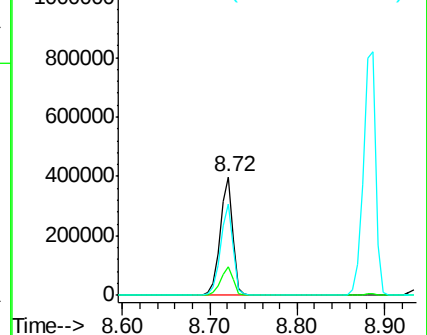
142 77.2 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 38.06 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

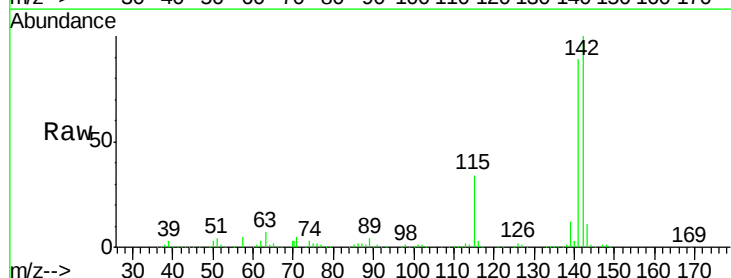
Tgt Ion:142 Resp: 813750

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

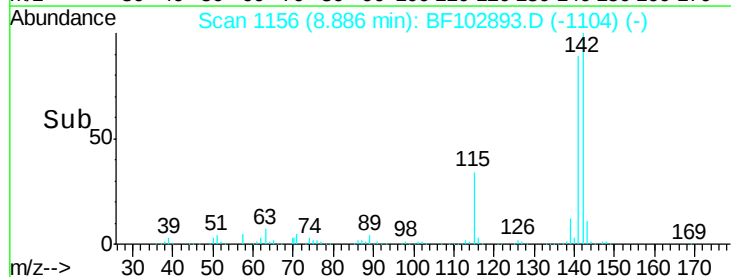
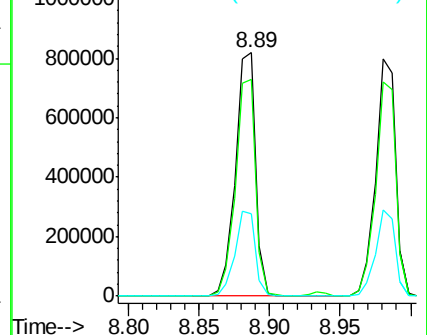
115 33.7 26.1 39.1

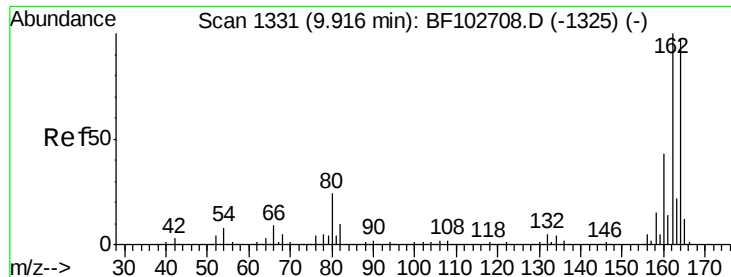


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

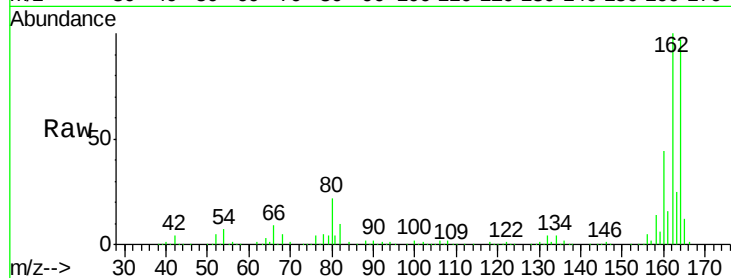
Tot Ion:164 Resp: 280868

Ion Ratio Lower Upper

164 100

162 102.9 86.1 129.1

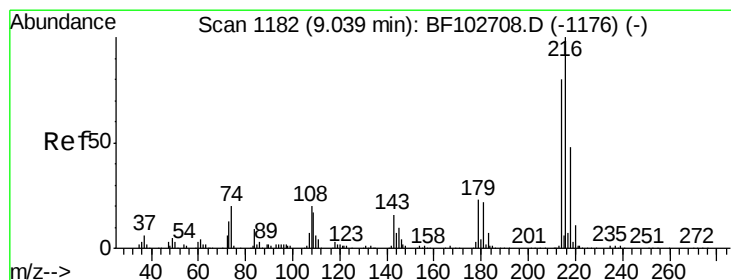
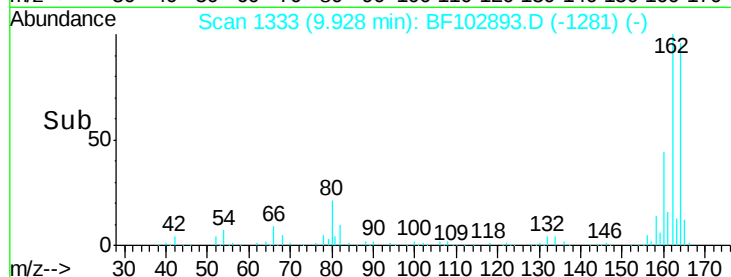
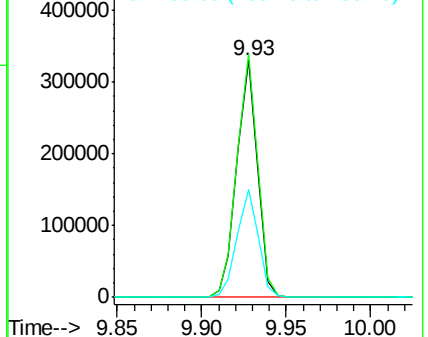
160 45.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.77 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Tgt Ion:216 Resp: 304118

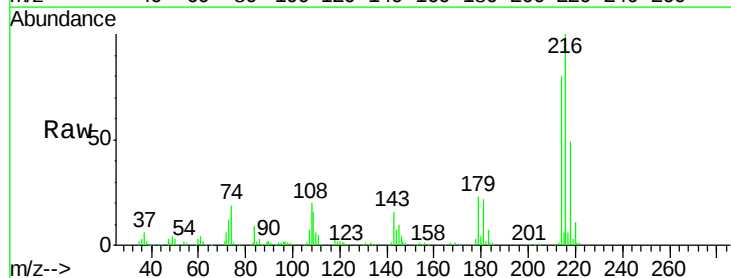
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 23.8 18.1 27.1

108 24.5 17.2 25.8

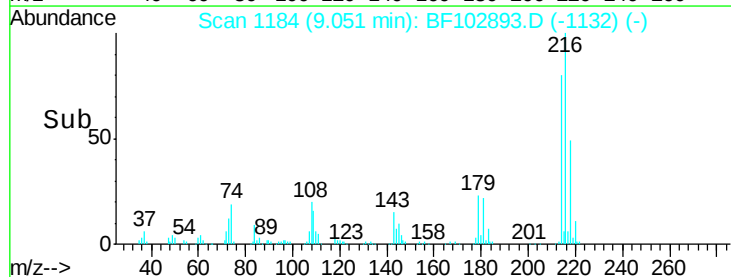
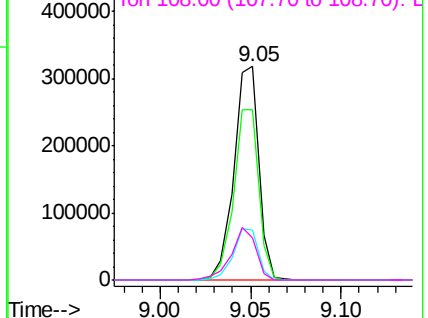


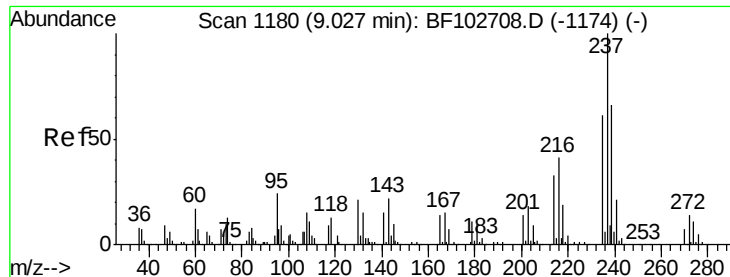
Abundance Ion 216.00 (215.70 to 216.70): E

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

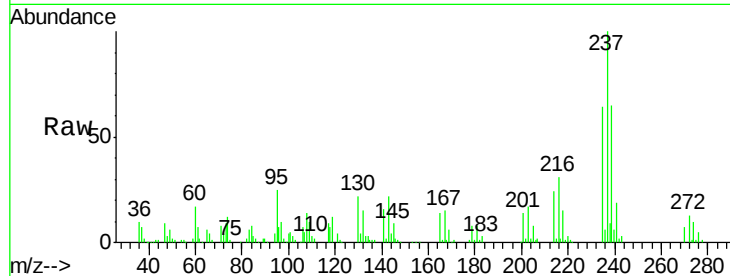




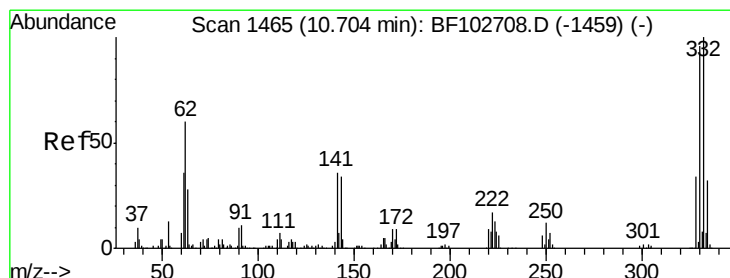
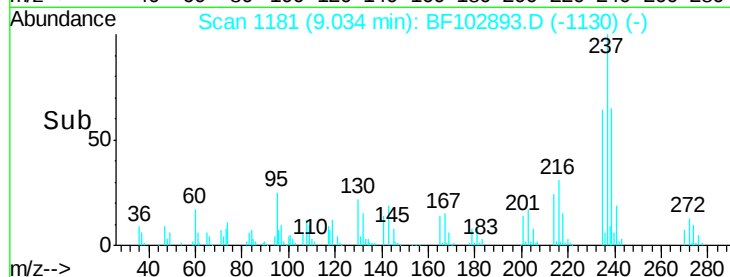
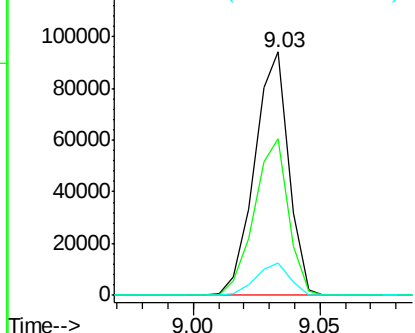
#40
Hexachlorocyclopentadiene
Concen: 24.26 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 88182
Ion Ratio Lower Upper
237 100
235 64.3 44.8 84.8
272 13.1 0.0 33.3

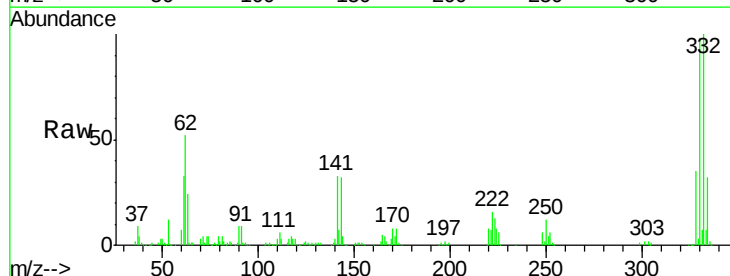


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

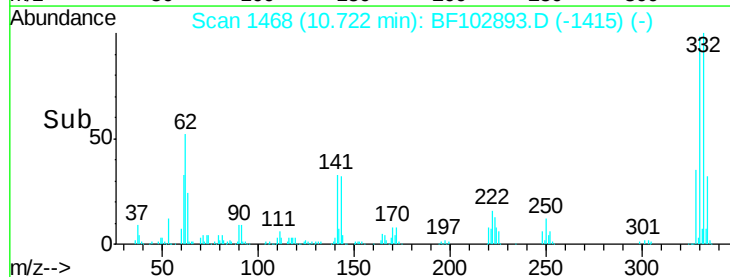
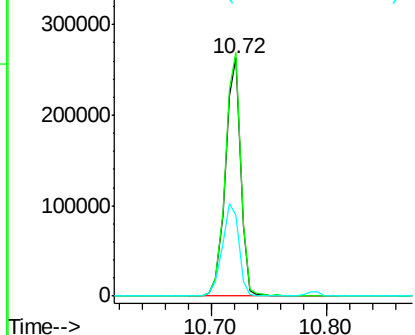


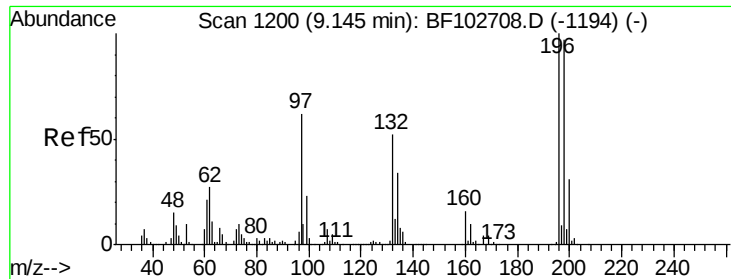
#41
2,4,6-Tribromophenol
Concen: 107.84 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion:330 Resp: 243787
Ion Ratio Lower Upper
330 100
332 102.6 77.0 115.6
141 42.1 29.9 44.9



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





#42

2,4,6-Trichlorophenol

Concen: 43.48 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampled :

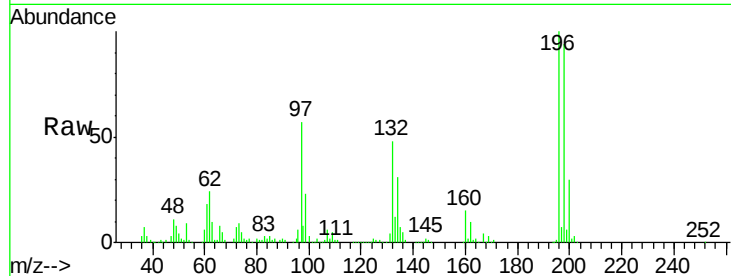
Tot Ion:196 Resp: 218384

Ion Ratio Lower Upper

196 100

198 93.7 75.7 113.5

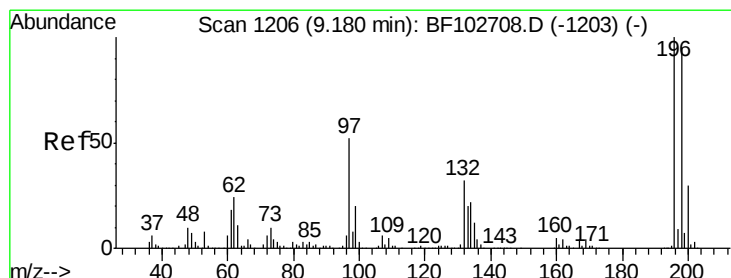
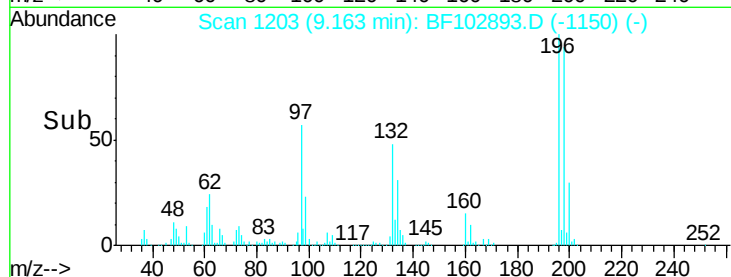
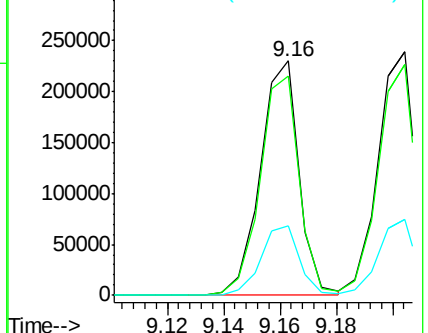
200 29.9 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 40.67 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Tgt Ion:196 Resp: 230272

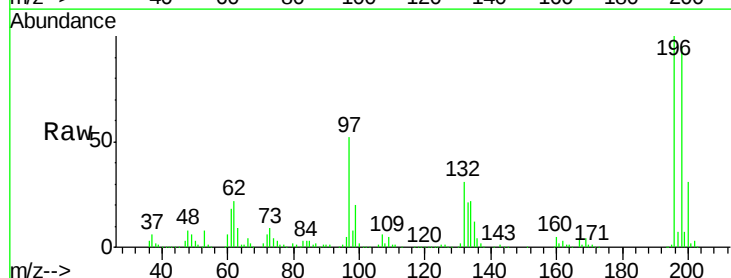
Ion Ratio Lower Upper

196 100

198 94.8 74.6 112.0

97 52.0 42.9 64.3

132 30.5 26.3 39.5

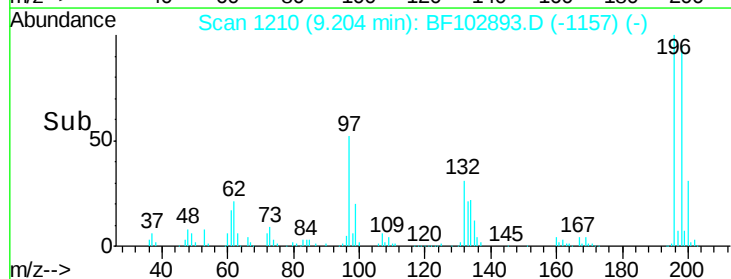
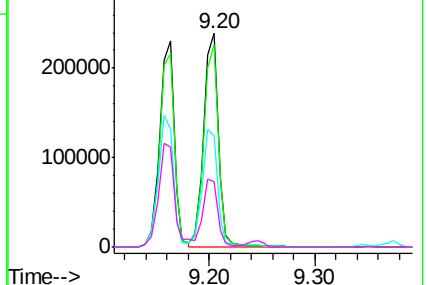


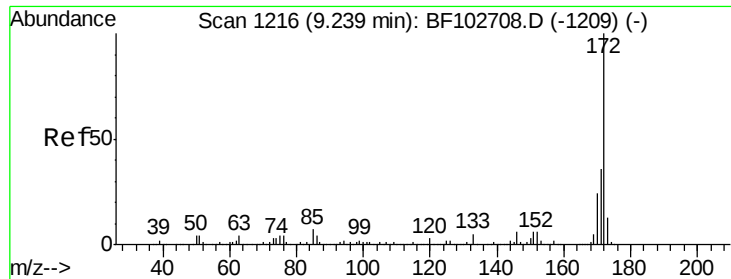
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



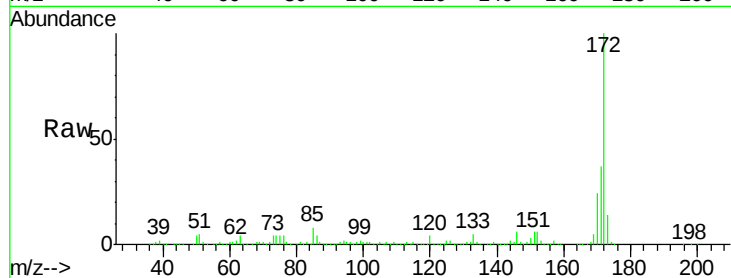


#44
 2-Fluorobiphenyl
 Concen: 85.19 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

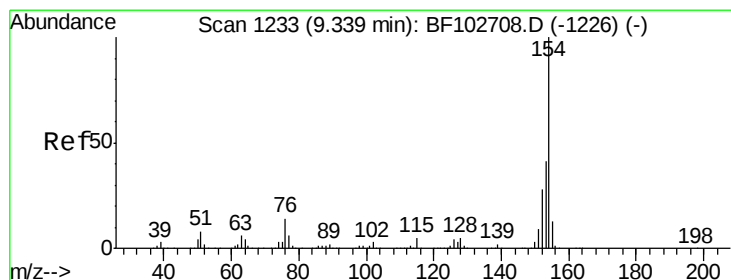
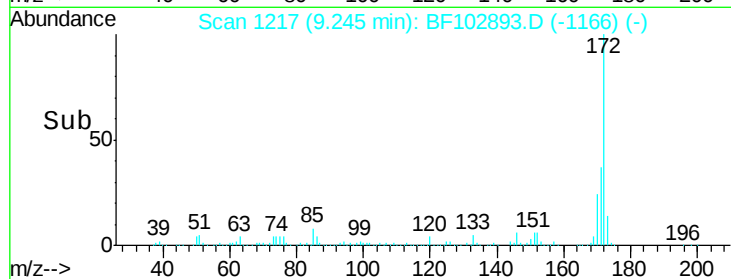
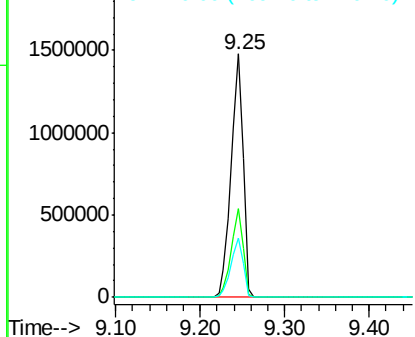
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1441994

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4



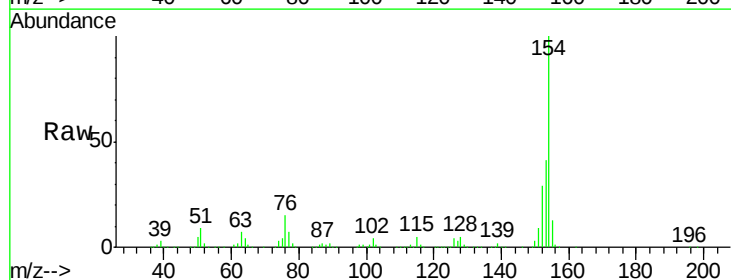
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



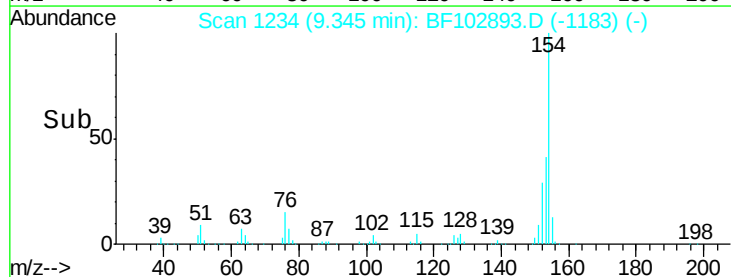
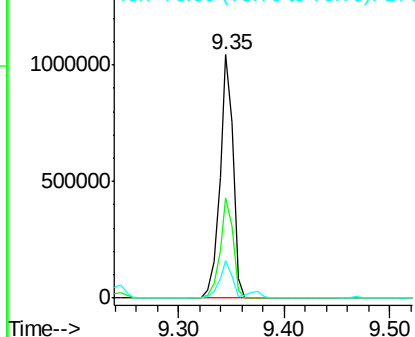
#45
 1,1'-Biphenyl
 Concen: 38.93 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

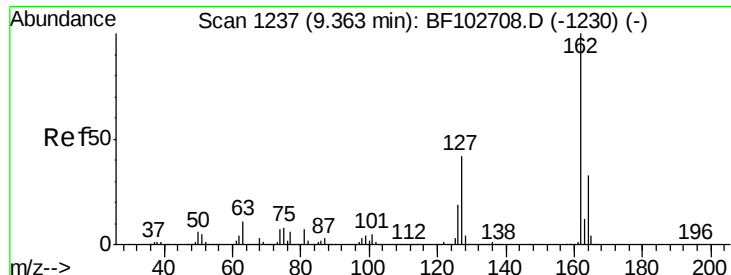
Tgt Ion:154 Resp: 920869

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	15.3	0.0	34.0



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

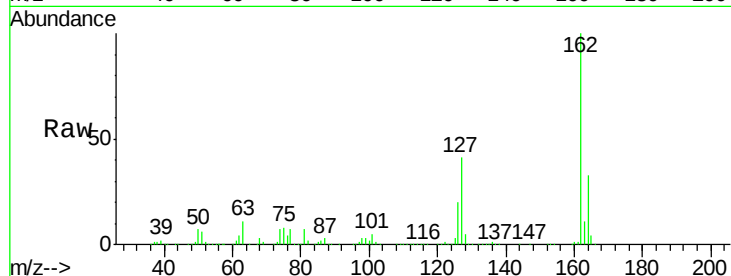




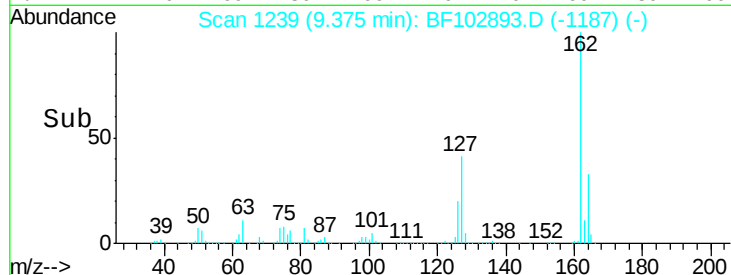
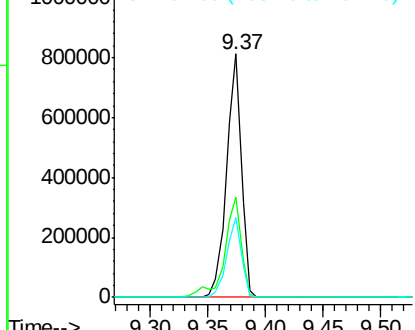
#46
2-Chloronaphthalene
Concen: 38.65 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 719837
Ion Ratio Lower Upper
162 100
127 41.1 33.9 50.9
164 32.8 26.5 39.7

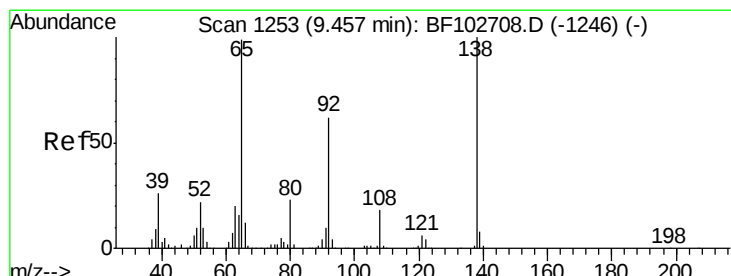


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

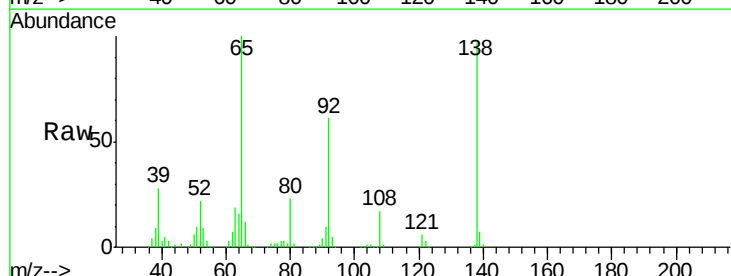
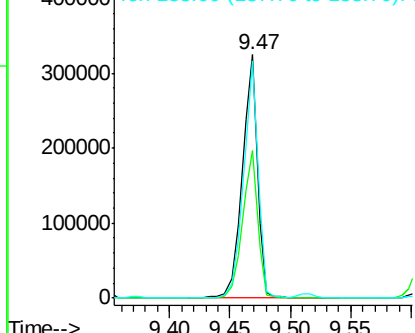


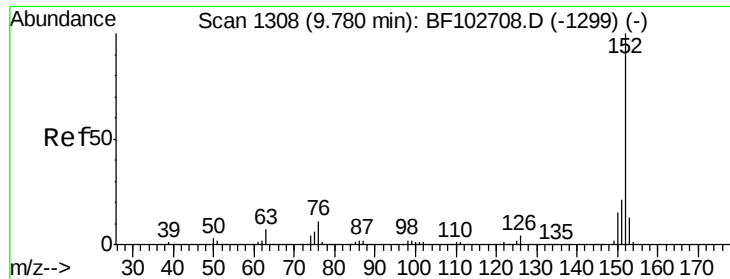
#47
2-Nitroaniline
Concen: 49.90 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion: 65 Resp: 287599
Ion Ratio Lower Upper
65 100
92 60.6 55.8 83.6
138 97.2 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 37.18 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampled :

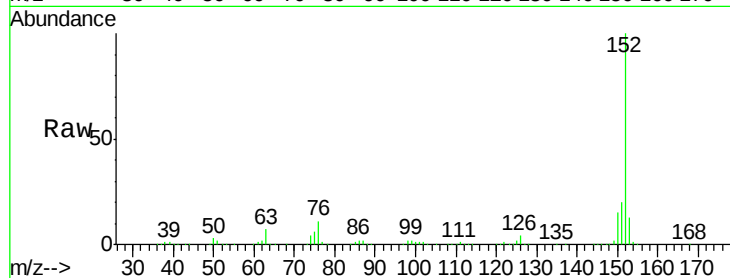
Tot Ion:152 Resp: 1075366

Ion Ratio Lower Upper

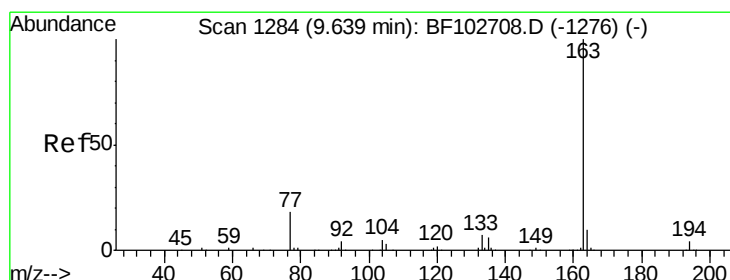
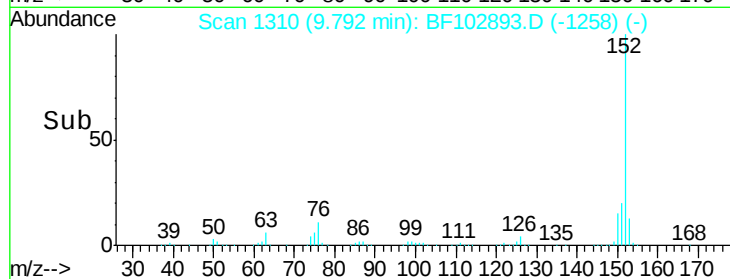
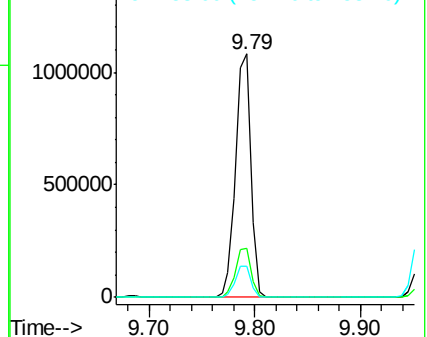
152 100

151 20.0 16.3 24.5

153 12.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.43 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

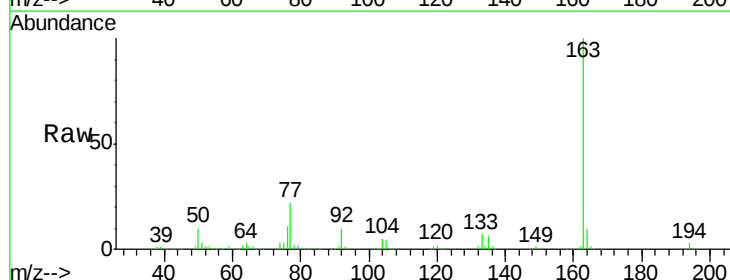
Tgt Ion:163 Resp: 885495

Ion Ratio Lower Upper

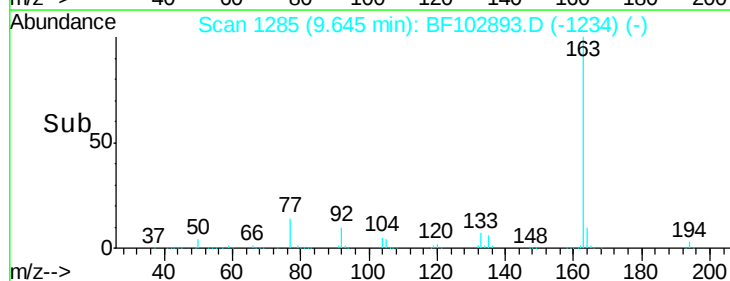
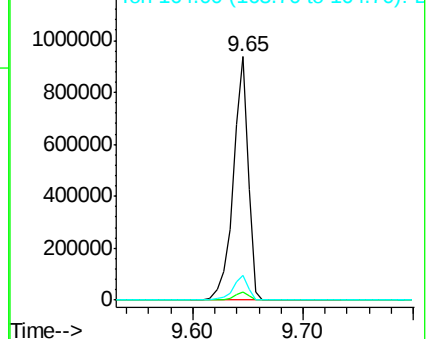
163 100

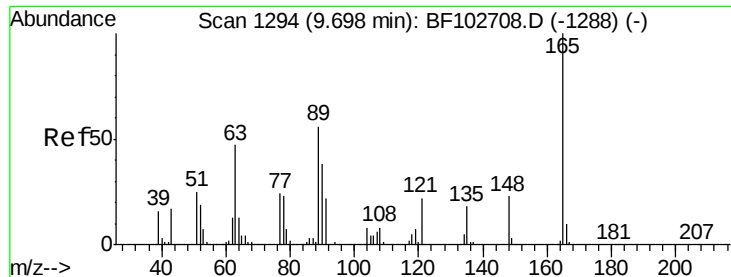
194 3.4 2.7 4.1

164 10.0 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

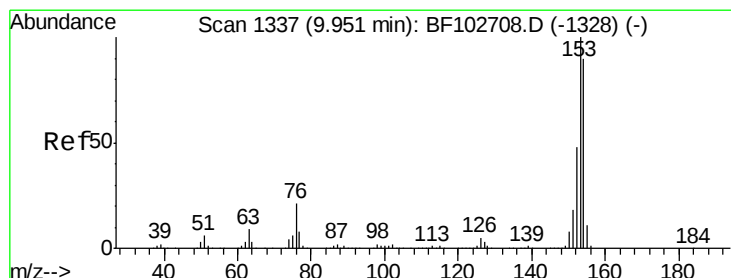
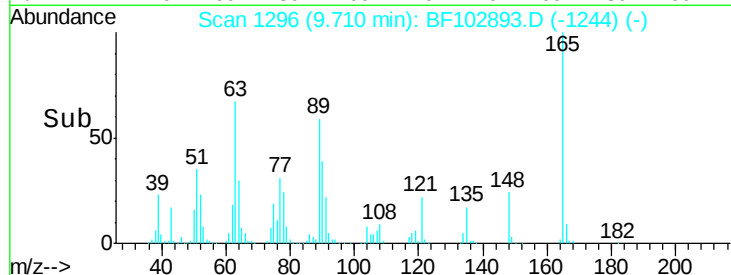
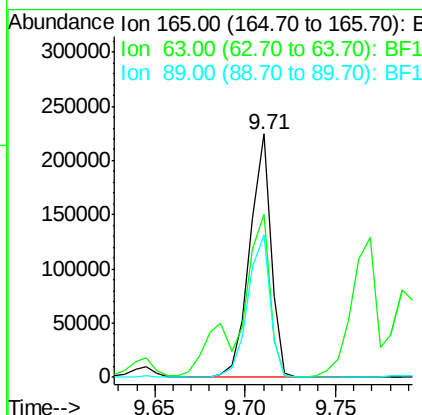
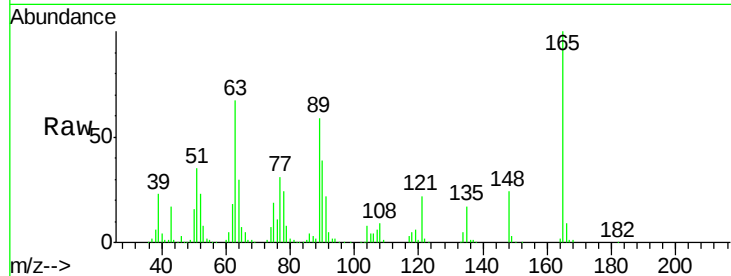




#50
 2,6-Dinitrotoluene
 Concen: 43.87 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

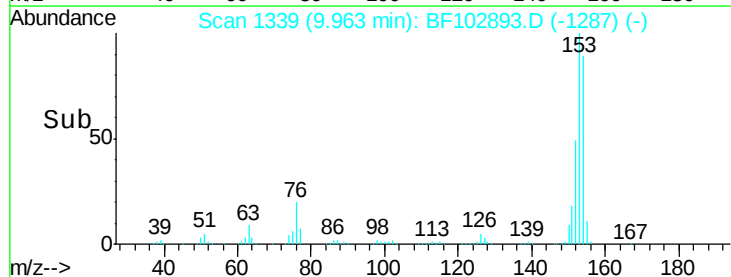
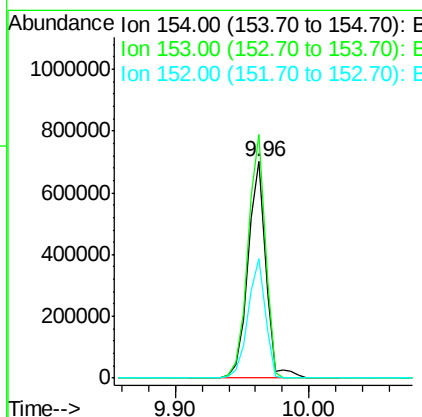
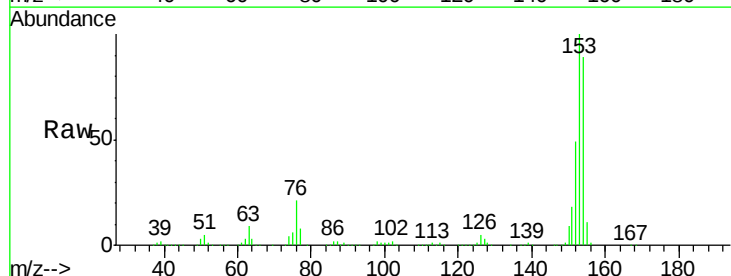
Instrument :
 BNA_F
 ClientSampleId :

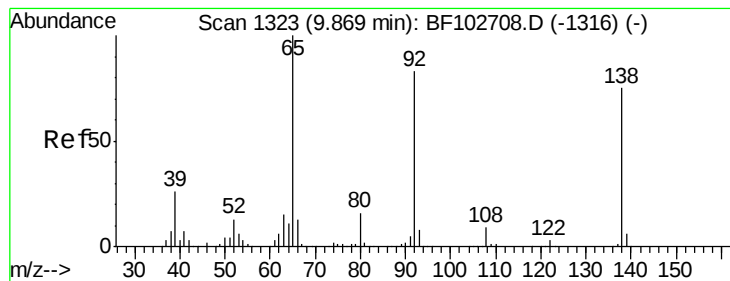
Tot Ion:165 Resp: 182767
 Ion Ratio Lower Upper
 165 100
 63 66.8 44.7 67.1
 89 58.7 44.0 66.0



#51
 Acenaphthene
 Concen: 37.10 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion:154 Resp: 641866
 Ion Ratio Lower Upper
 154 100
 153 112.6 91.2 136.8
 152 55.3 43.8 65.8





#52

3-Nitroaniline

Concen: 22.28 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

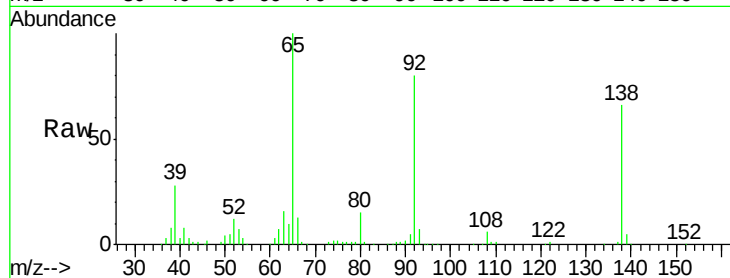
Tot Ion:138 Resp: 114211

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

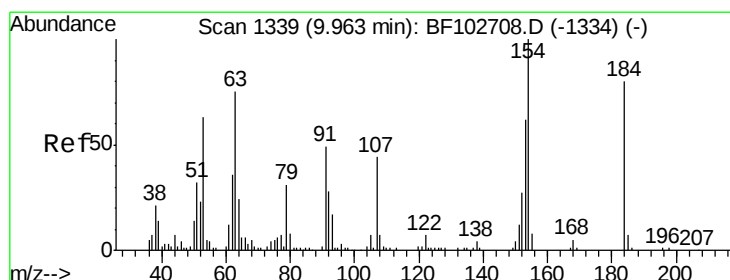
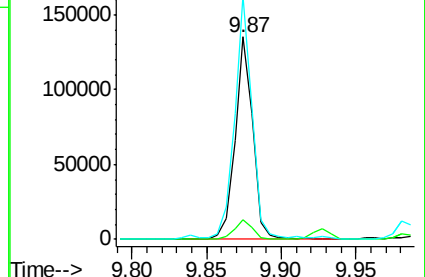
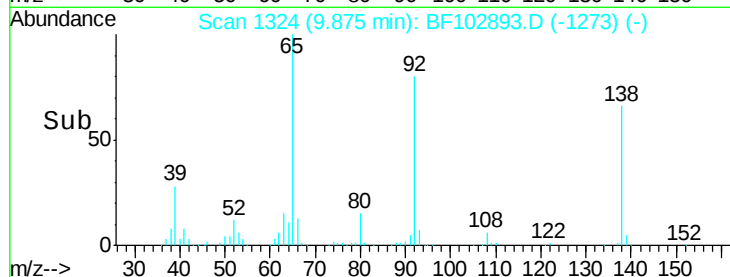
92 120.5 89.4 134.2



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: 39.69 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

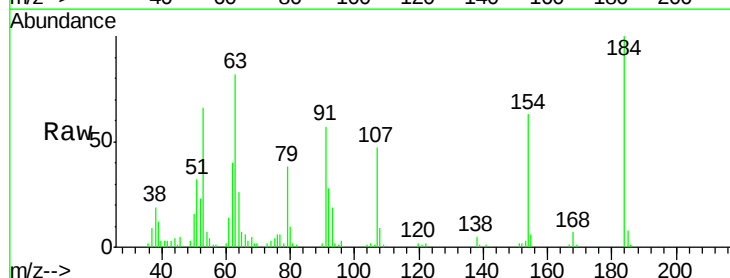
Tgt Ion:184 Resp: 34409

Ion Ratio Lower Upper

184 100

63 82.3 54.2 81.2#

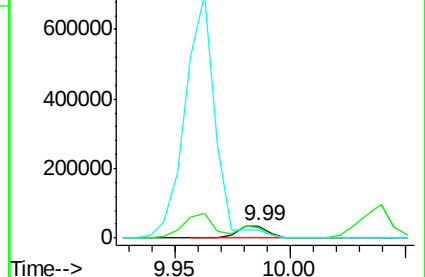
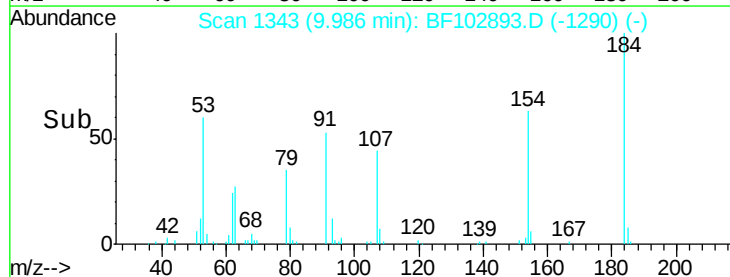
154 63.5 184.0 276.0#

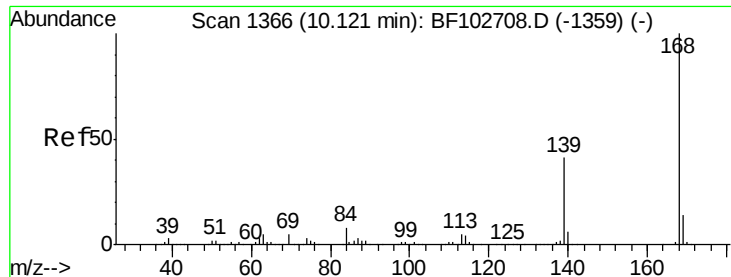


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

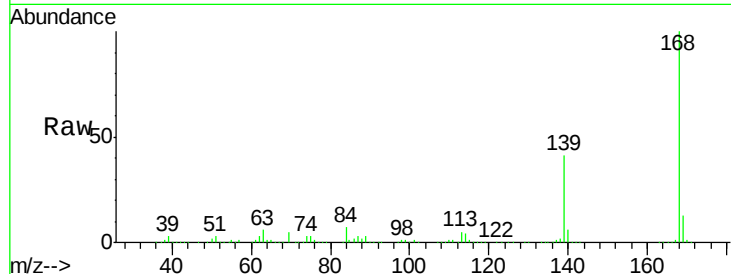




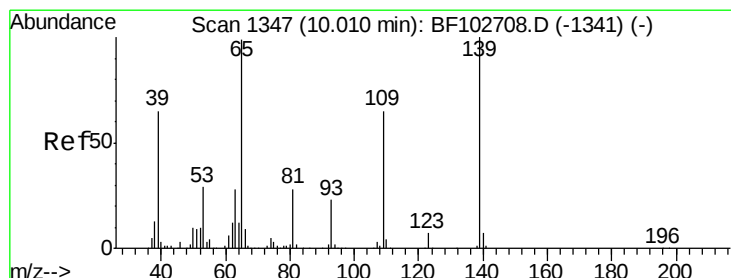
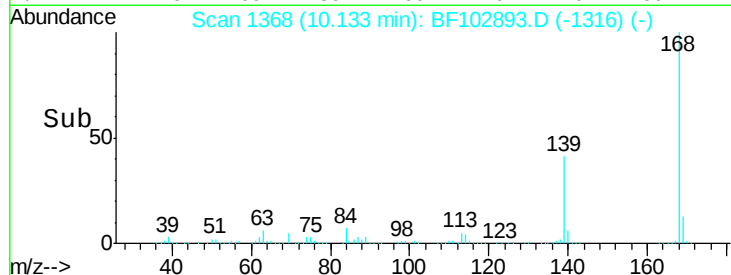
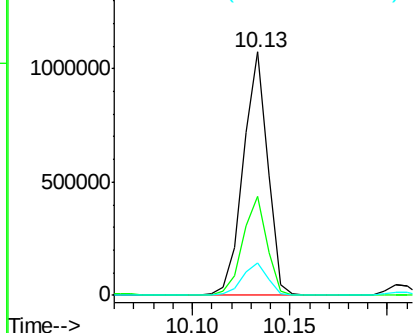
#54
Dibenzenofuran
Concen: 38.12 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 929222
Ion Ratio Lower Upper
168 100
139 40.6 30.1 45.1
169 13.3 10.9 16.3

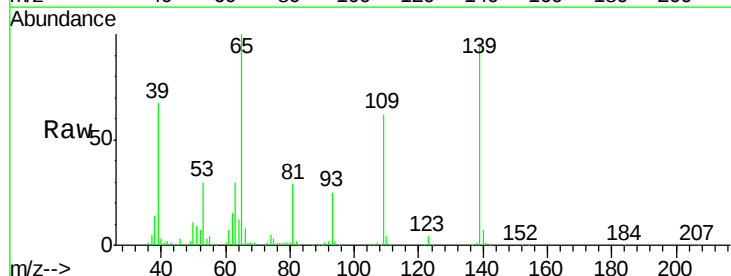


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

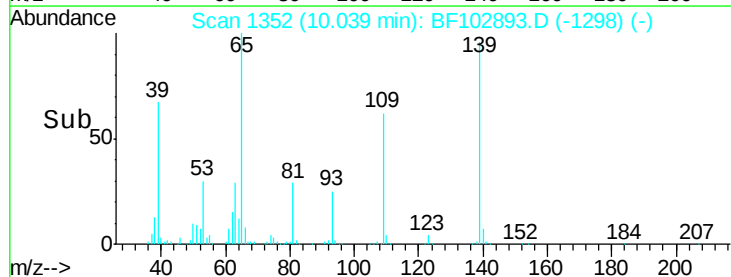
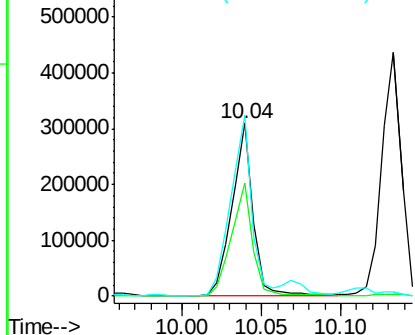


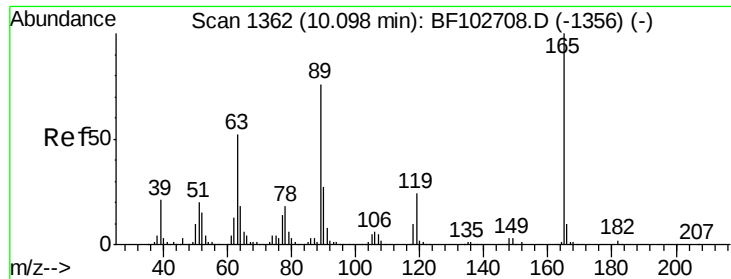
#55
4-Nitrophenol
Concen: 68.99 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion:139 Resp: 288219
Ion Ratio Lower Upper
139 100
109 65.1 48.4 88.4
65 104.5 72.6 112.6



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

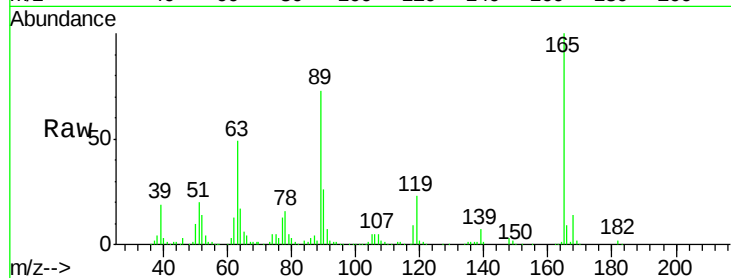




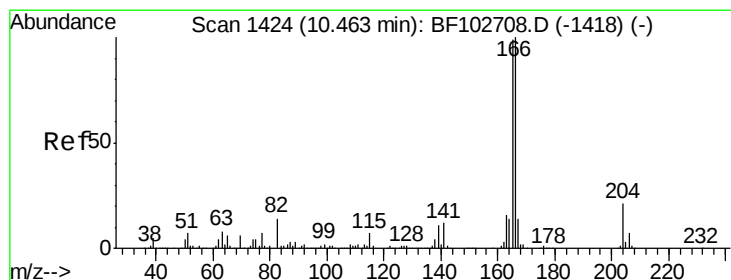
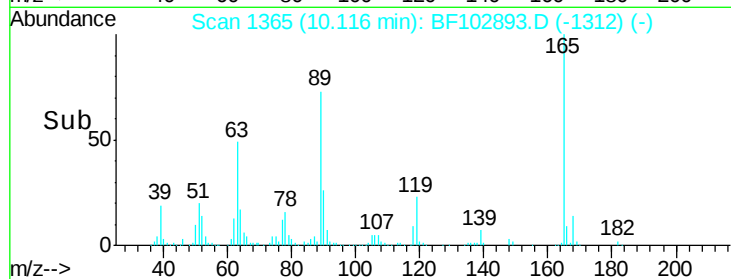
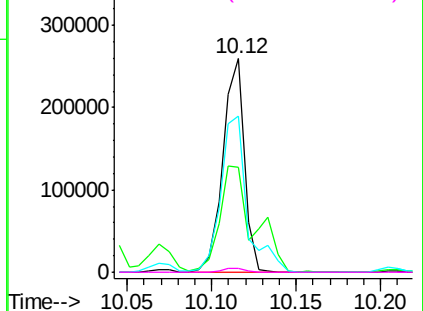
#56
2,4-Dinitrotoluene
Concen: 41.56 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 229771
Ion Ratio Lower Upper
165 100
63 49.4 36.4 54.6
89 73.0 57.8 86.6
182 2.0 1.6 2.4

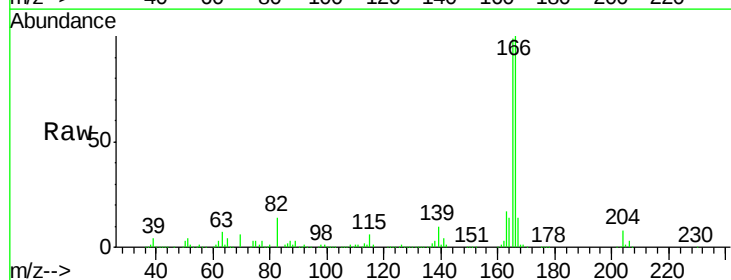


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

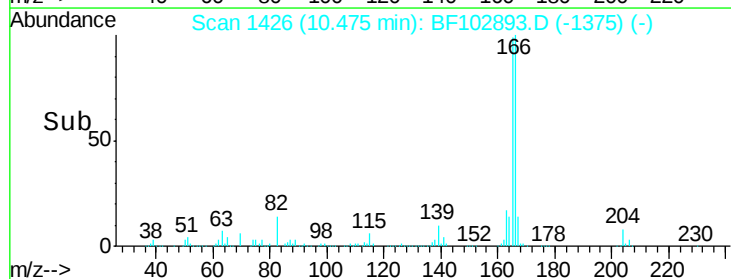
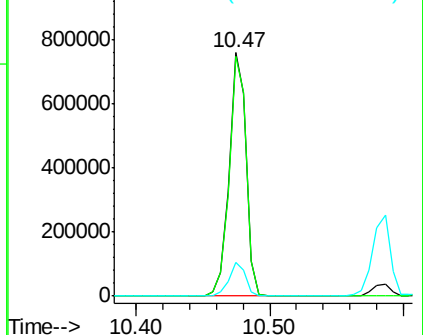


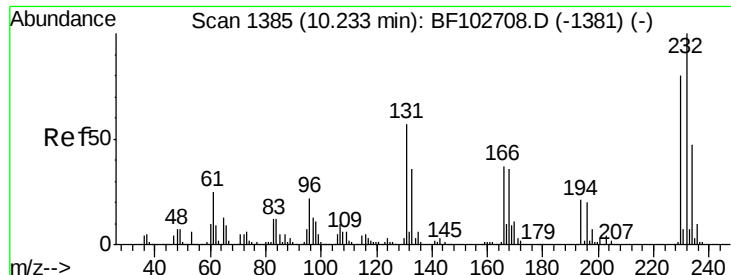
#57
Fluorene
Concen: 38.28 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion:166 Resp: 678949
Ion Ratio Lower Upper
166 100
165 98.7 79.8 119.8
167 13.6 10.6 16.0



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

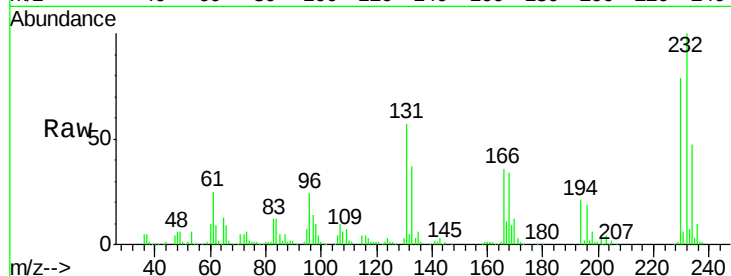




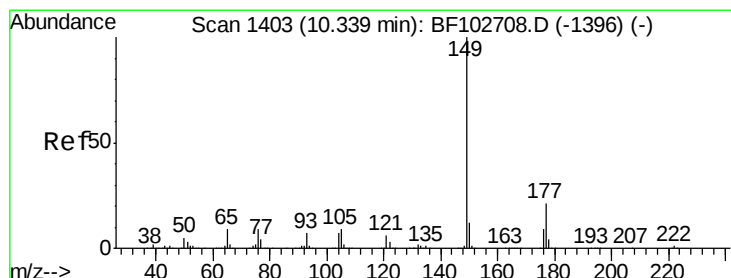
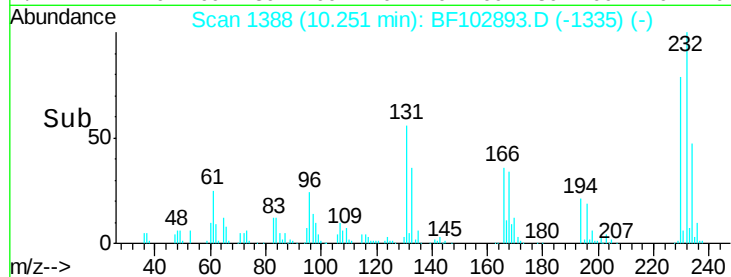
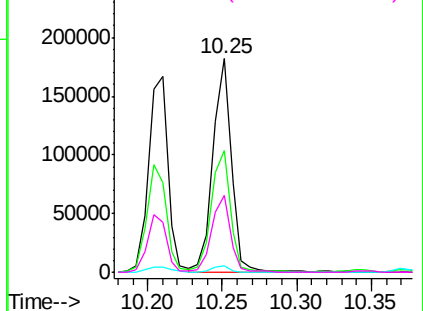
#58
2,3,4,6-Tetrachlorophenol
Concen: 39.72 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 155860
Ion Ratio Lower Upper
232 100
131 58.6 43.8 65.8
130 2.9 2.1 3.1
166 37.1 27.8 41.6

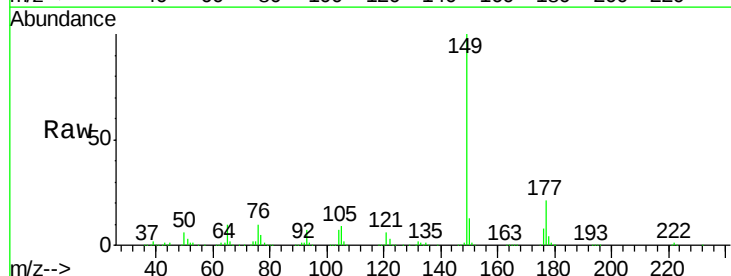


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

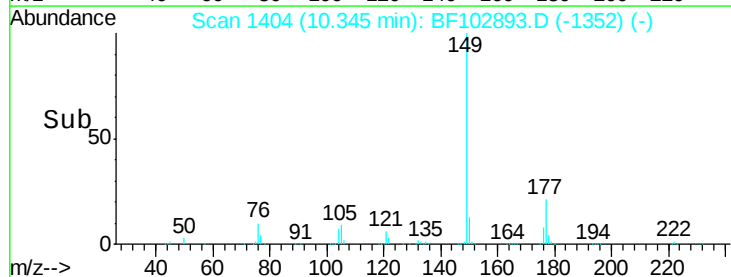
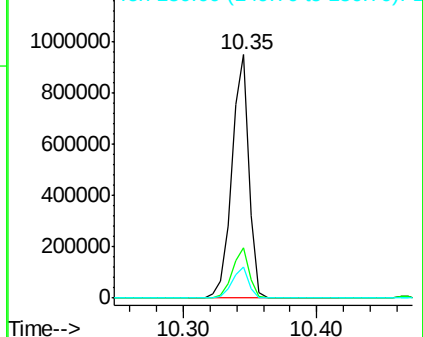


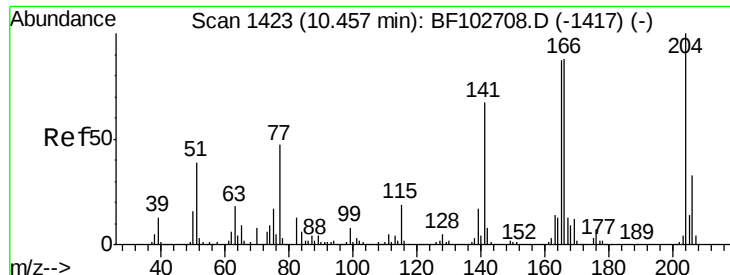
#59
Diethylphthalate
Concen: 39.49 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion:149 Resp: 853849
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.6 10.1 15.1



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

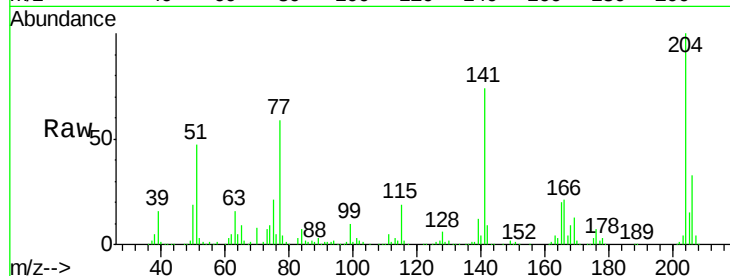




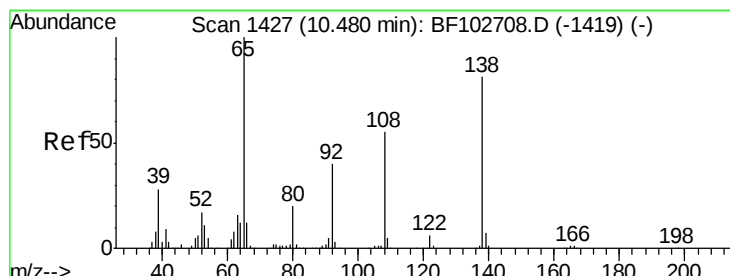
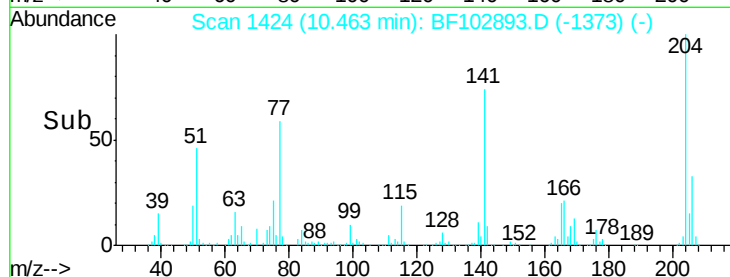
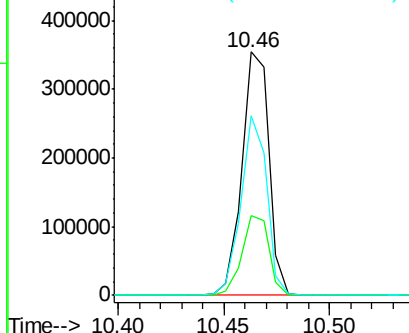
#60
 4-Chlorophenyl-phenylether
 Concen: 39.99 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 313807
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.5 39.7
 141 73.6 54.6 81.8

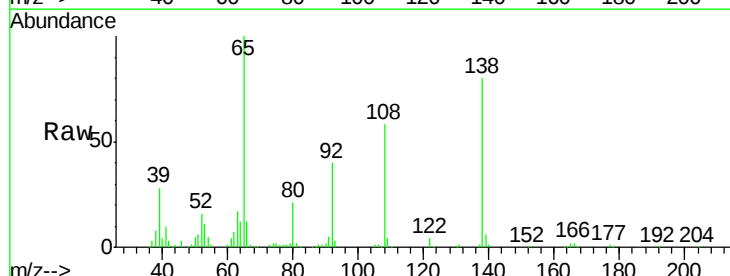


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

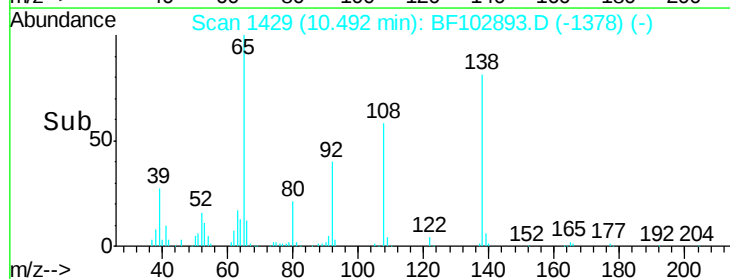
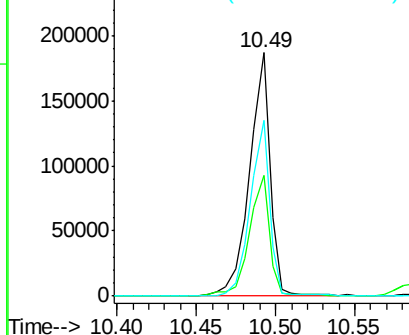


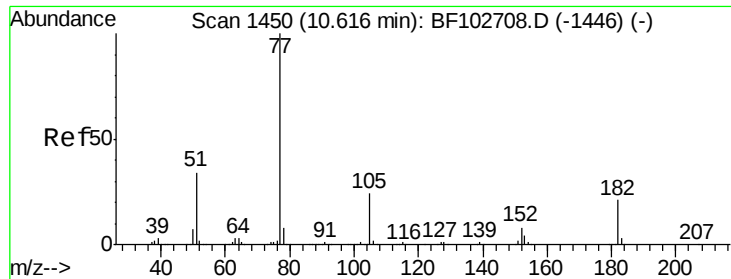
#61
 4-Nitroaniline
 Concen: 34.79 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion:138 Resp: 169763
 Ion Ratio Lower Upper
 138 100
 92 49.7 30.2 70.2
 108 72.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 40.28 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 870156

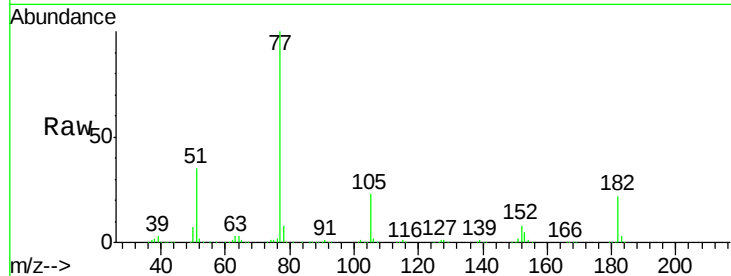
Ion Ratio Lower Upper

77 100

182 21.6 1.7 41.7

105 23.5 3.0 43.0

51 35.0 9.9 49.9

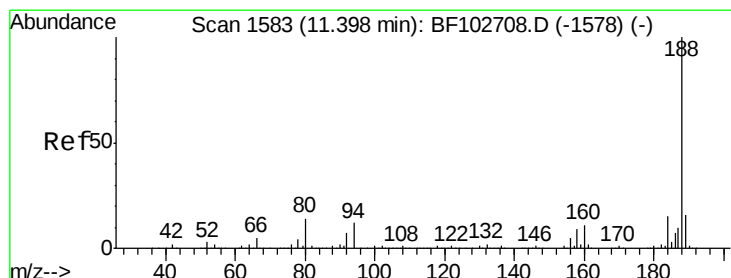
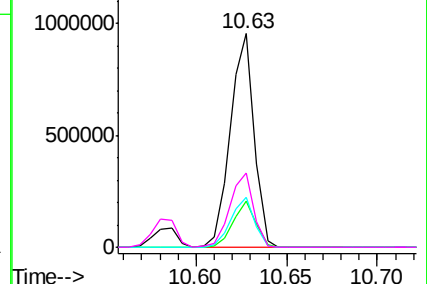
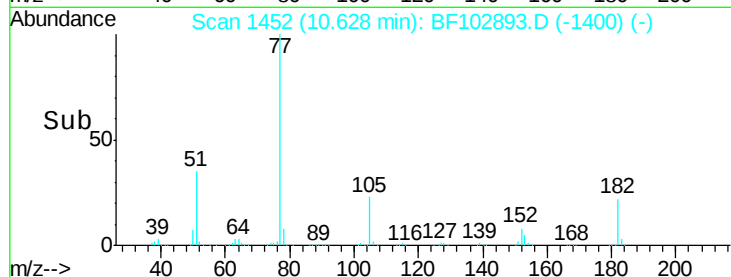


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

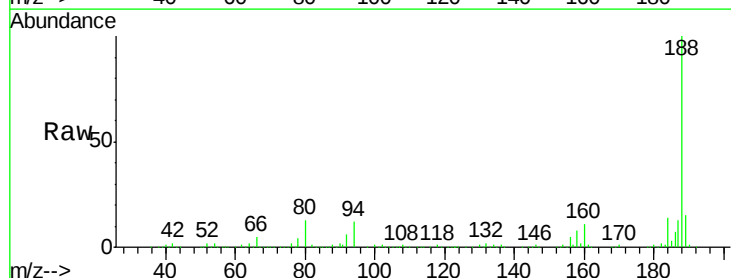
Tgt Ion: 188 Resp: 405544

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

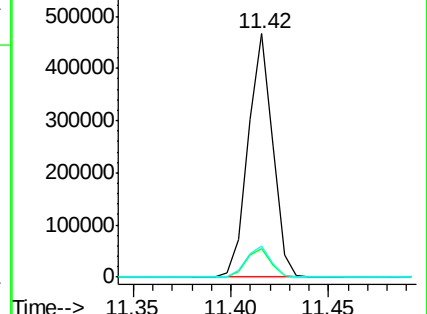
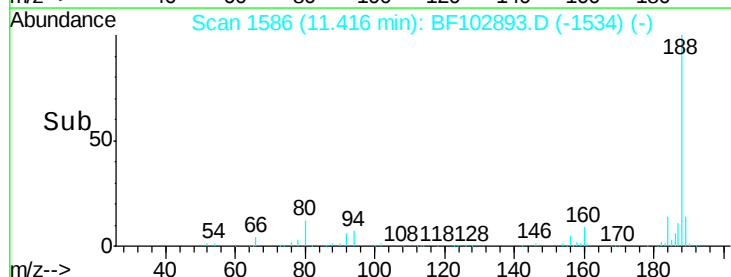
80 12.7 9.2 13.8

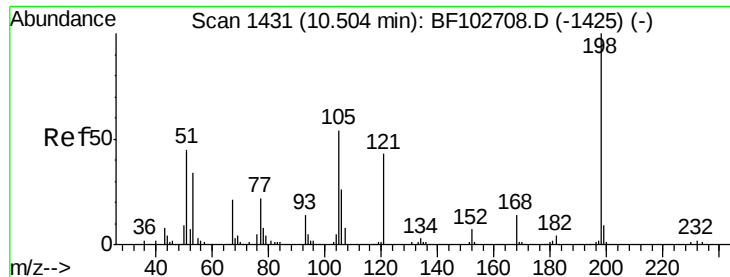


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

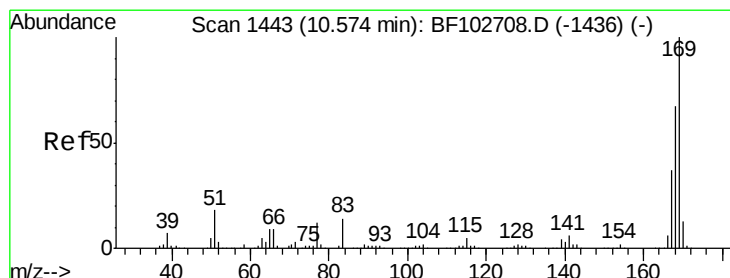
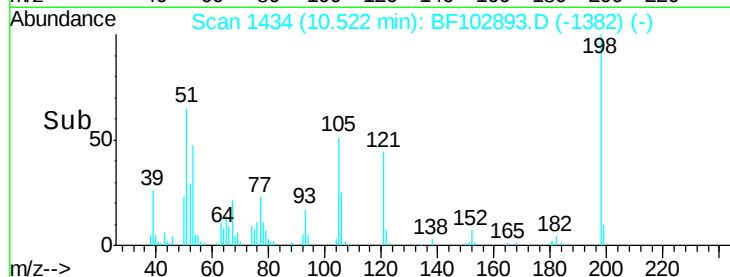
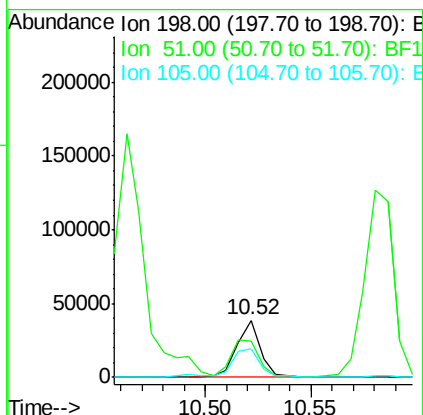
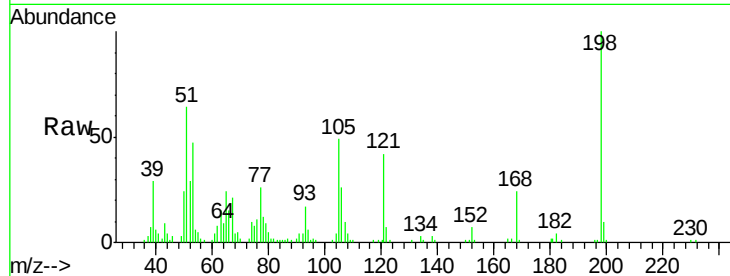




#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.46 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

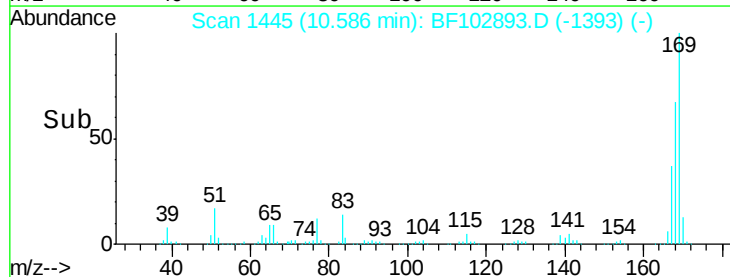
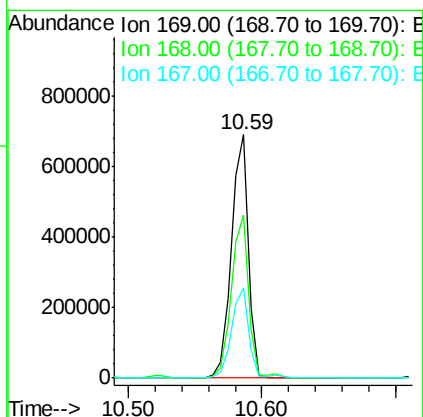
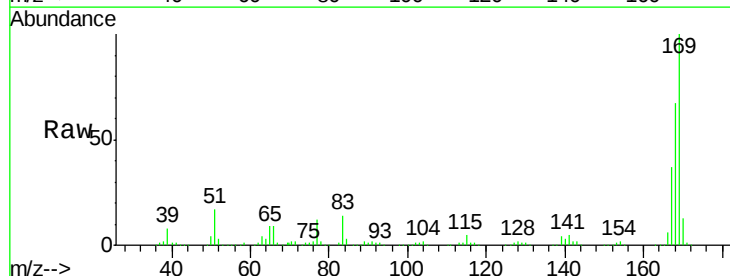
Instrument :
 BNA_F
 ClientSampled :

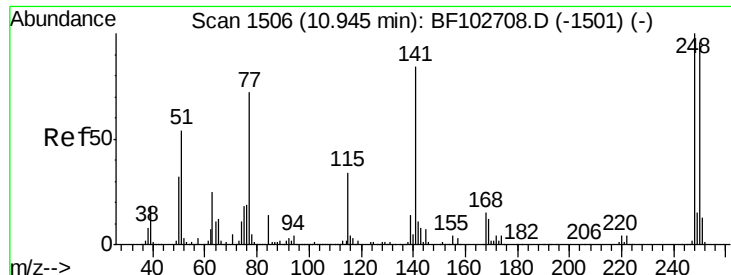
Tot Ion:198 Resp: 30057
 Ion Ratio Lower Upper
 198 100
 51 64.0 37.7 77.7
 105 49.2 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 43.43 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion:169 Resp: 621294
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.4 81.6
 167 36.7 29.8 44.6

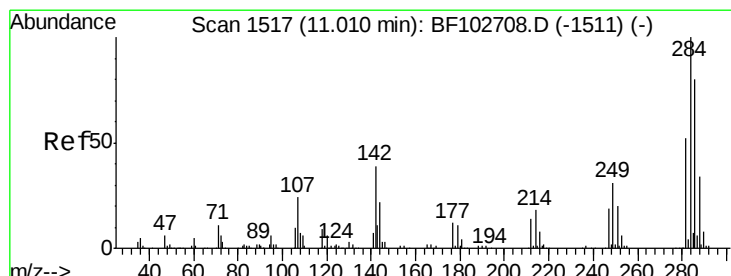
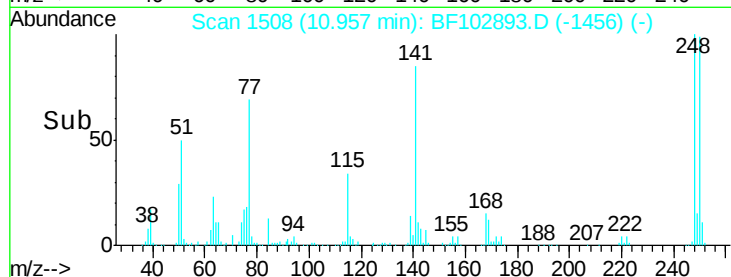
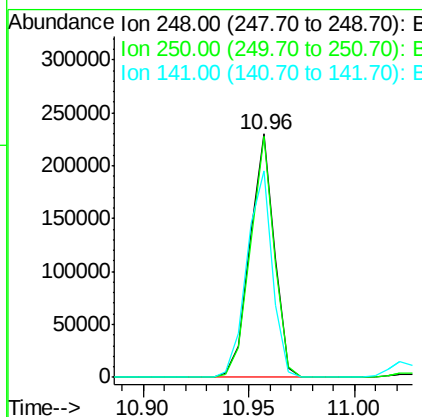
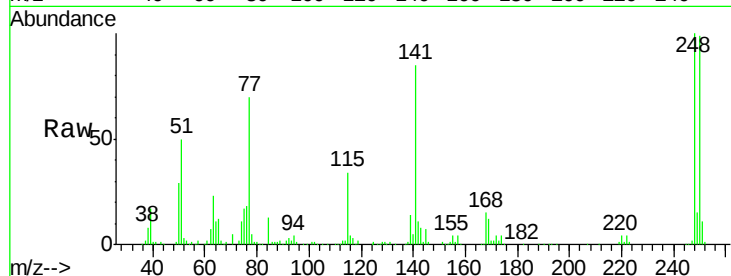




#66
 4-Bromophenyl-phenylether
 Concen: 43.11 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

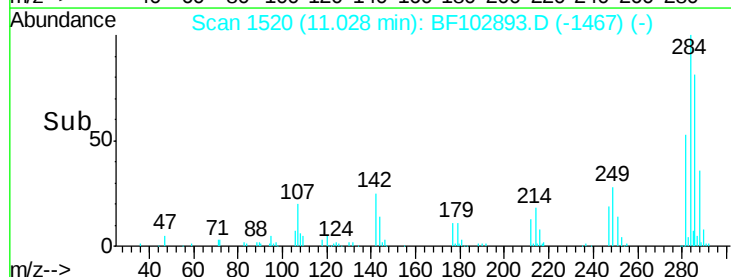
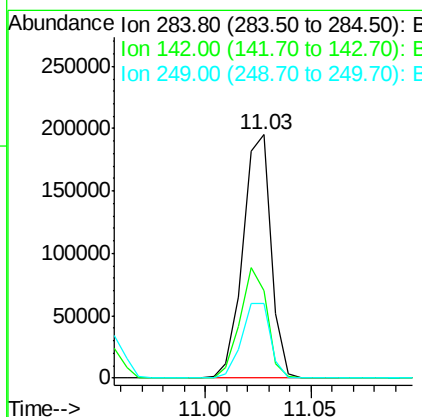
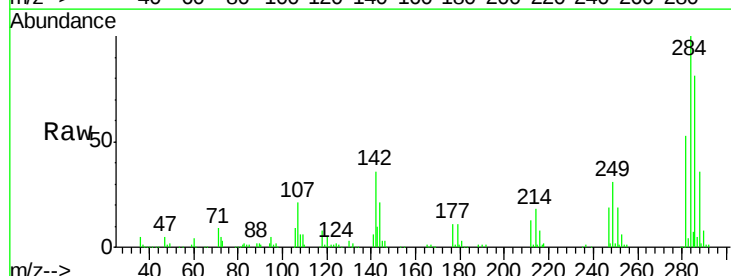
Instrument :
 BNA_F
 ClientSampleId :

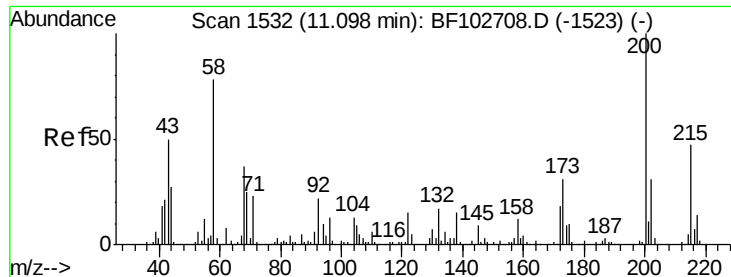
Tot Ion:248 Resp: 184917
 Ion Ratio Lower Upper
 248 100
 250 99.0 76.9 115.3
 141 84.8 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 38.10 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion:284 Resp: 180298
 Ion Ratio Lower Upper
 284 100
 142 35.8 34.6 52.0
 249 30.5 24.8 37.2

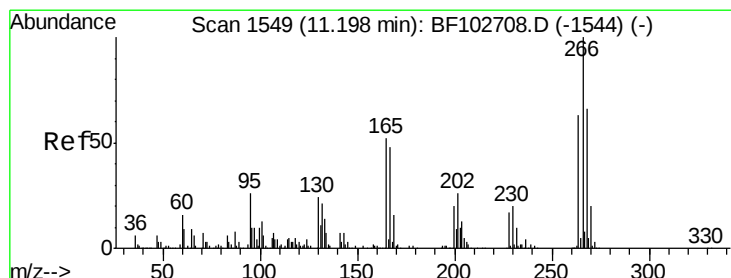
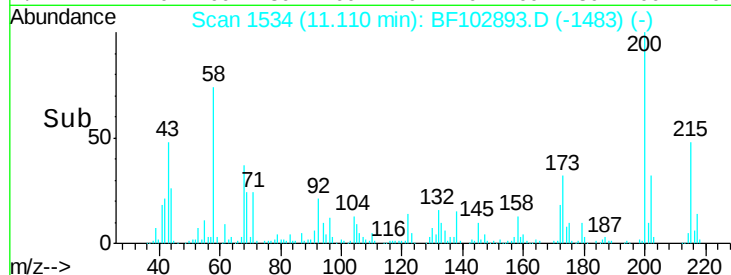
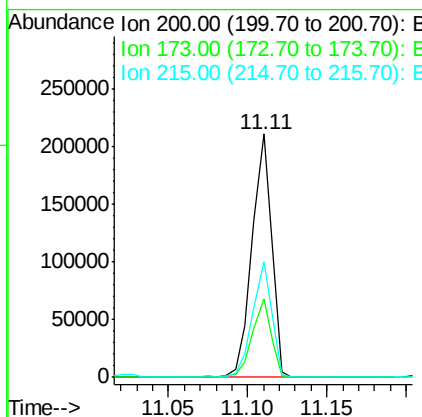
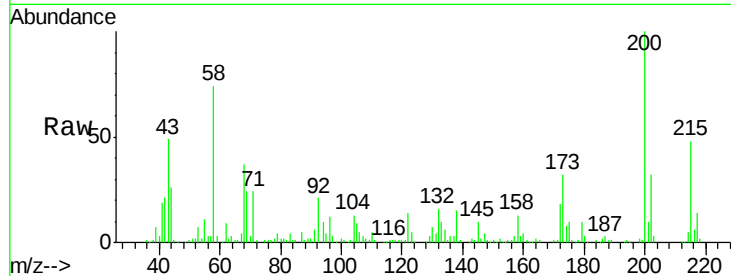




#68
 Atrazine
 Concen: 43.11 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

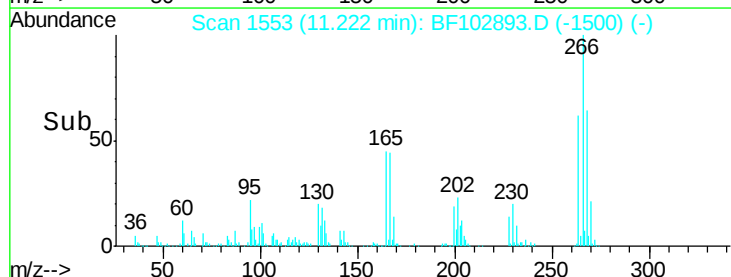
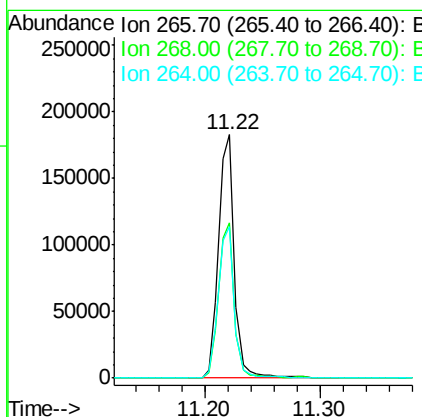
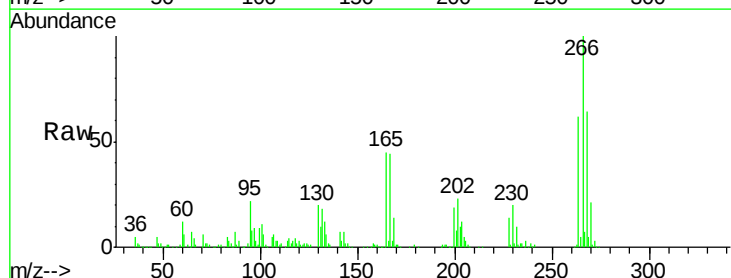
Instrument :
 BNA_F
 ClientSampleId :

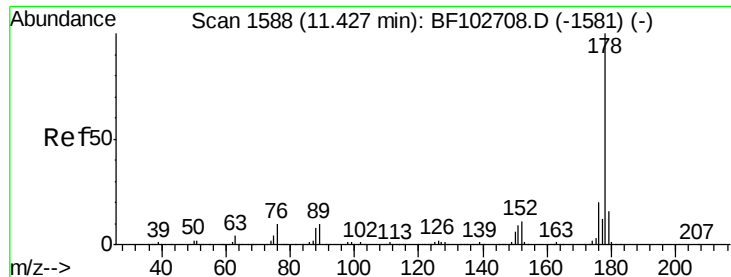
Tot Ion:200 Resp: 181936
 Ion Ratio Lower Upper
 200 100
 173 32.1 8.6 48.6
 215 47.6 25.1 65.1



#69
 Pentachlorophenol
 Concen: 63.03 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion:266 Resp: 175093
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 62.4 49.5 74.3





#70

Phenanthrene

Concen: 38.35 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

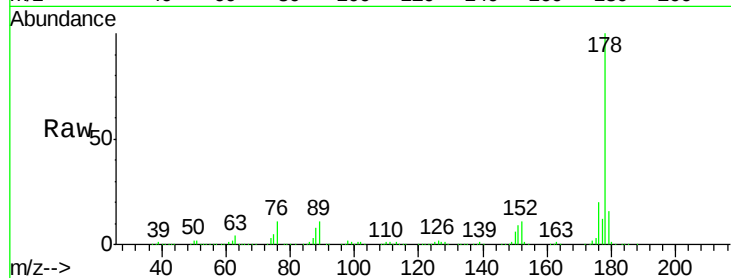
Tot Ion:178 Resp: 866239

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

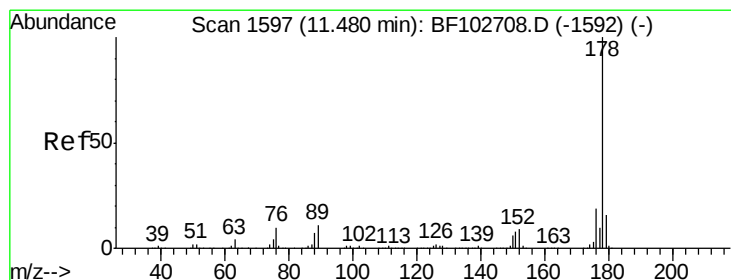
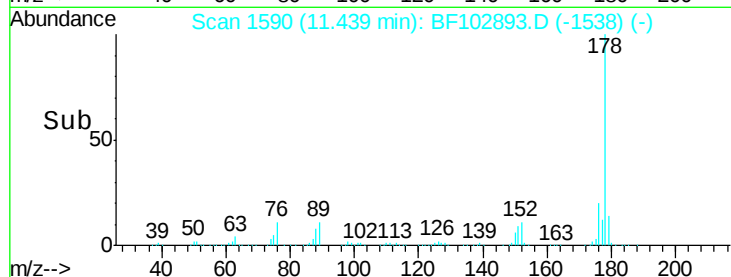
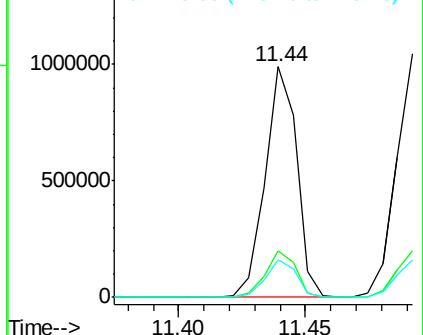
179 16.1 13.0 19.6



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: 39.11 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

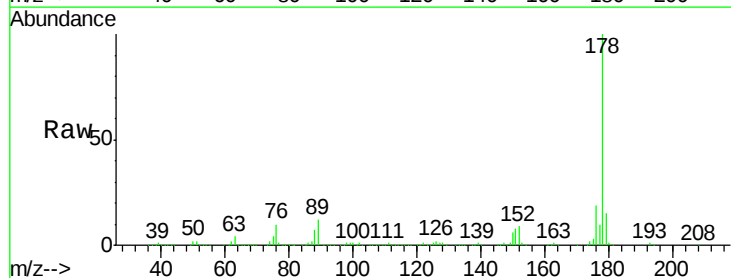
Tgt Ion:178 Resp: 898422

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

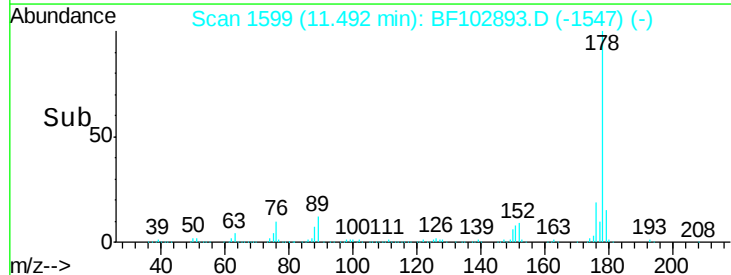
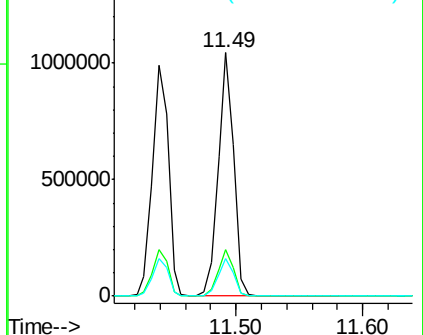
179 15.4 12.6 19.0

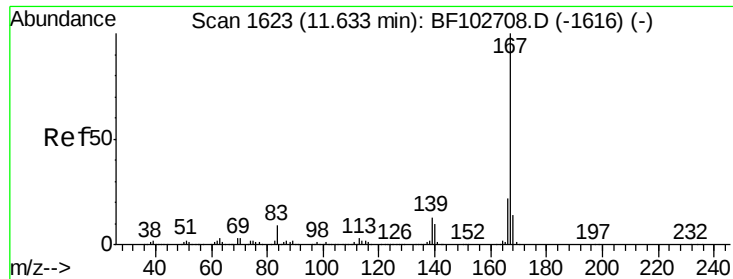


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.49 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

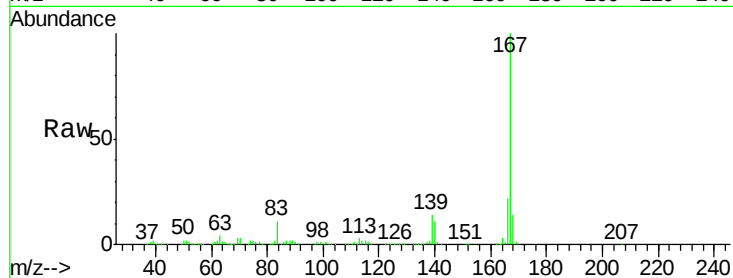
Tot Ion:167 Resp: 843639

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

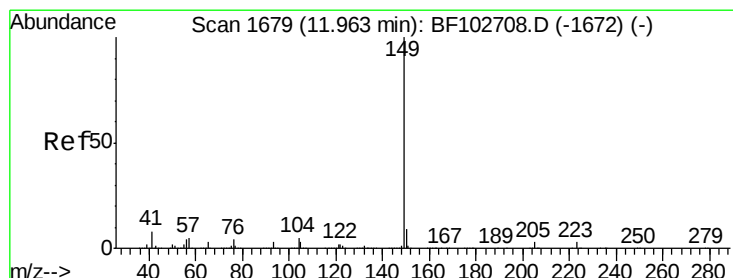
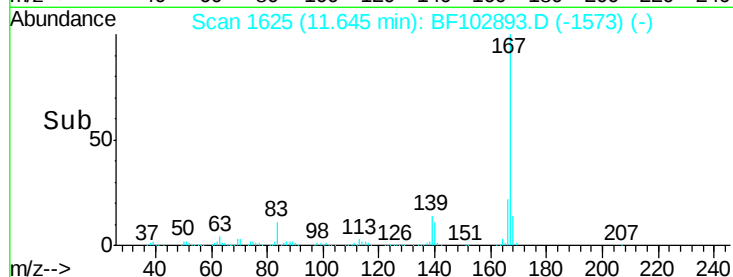
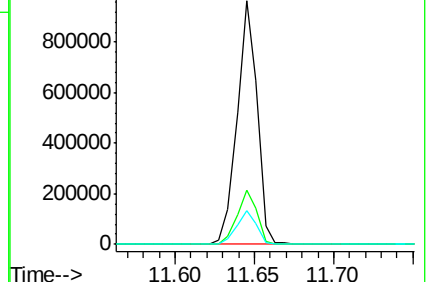
139 14.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 43.58 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

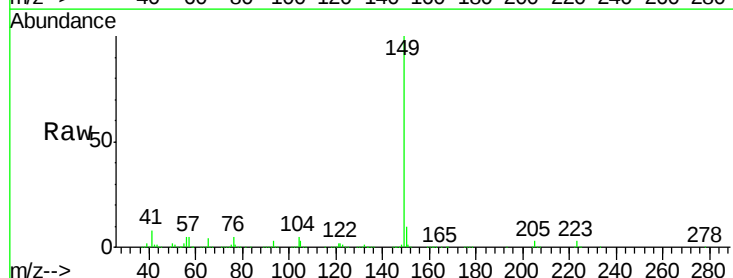
Tgt Ion:149 Resp: 1191487

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

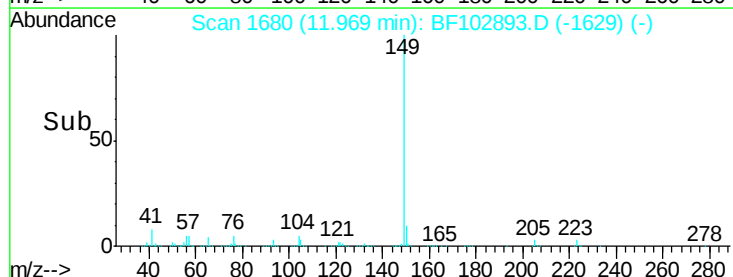
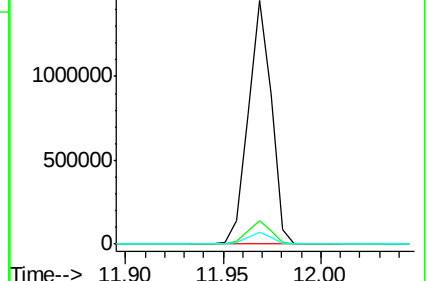
104 4.8 3.8 5.8

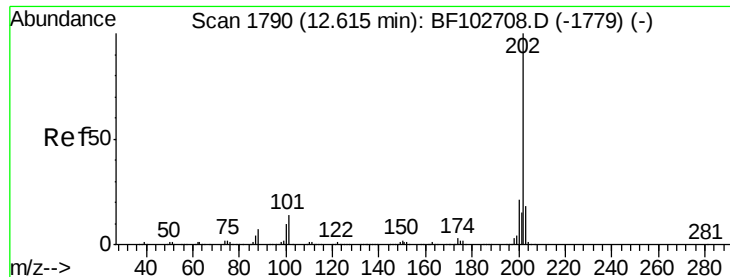


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 38.32 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

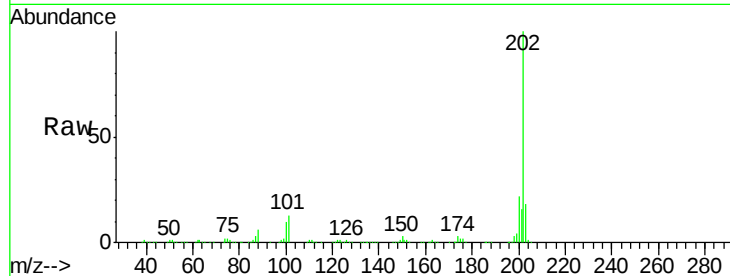
Tot Ion:202 Resp: 870844

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

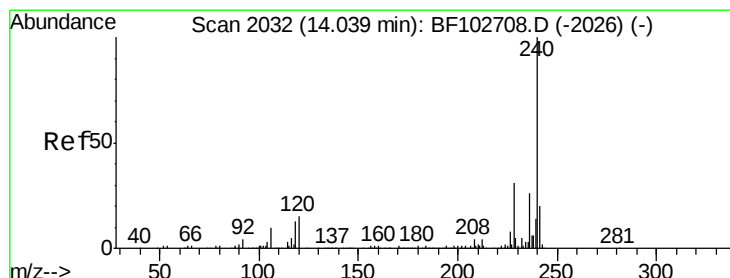
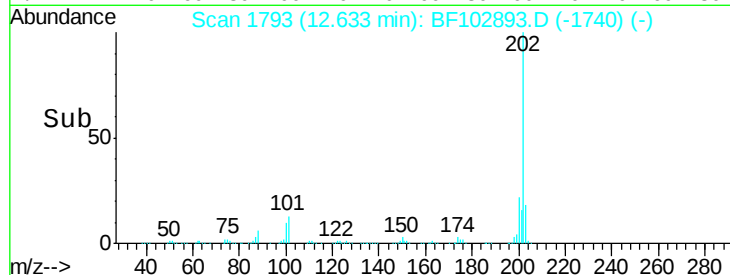
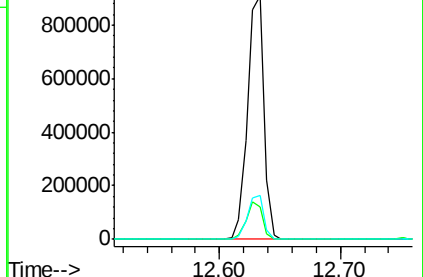
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

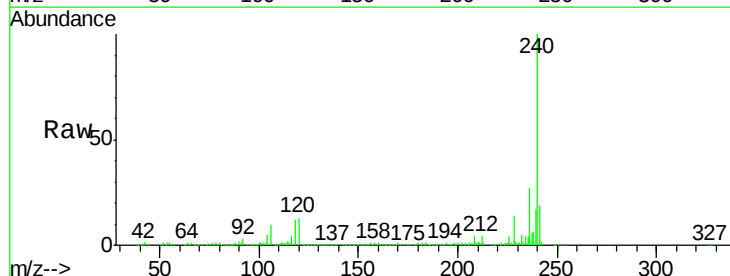
Tgt Ion:240 Resp: 320969

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

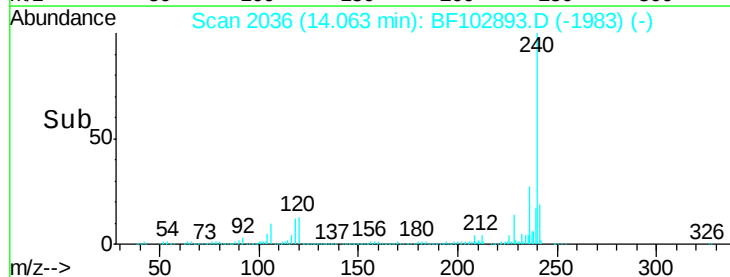
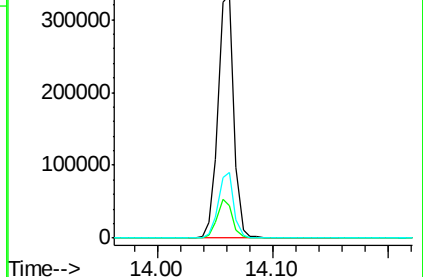
236 27.2 20.7 31.1

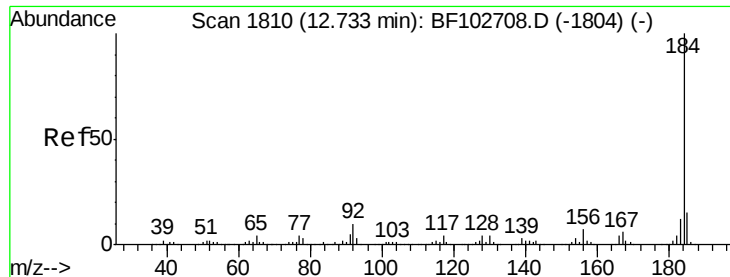


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

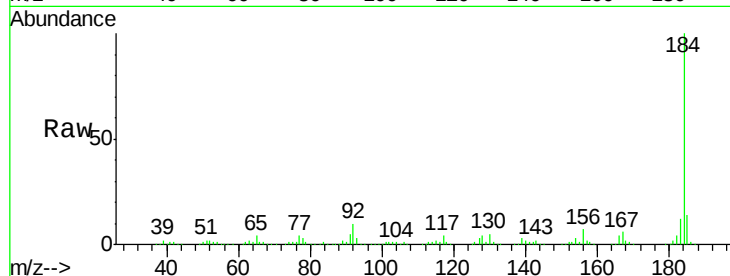




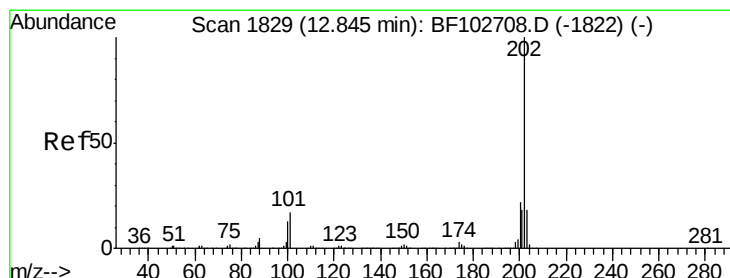
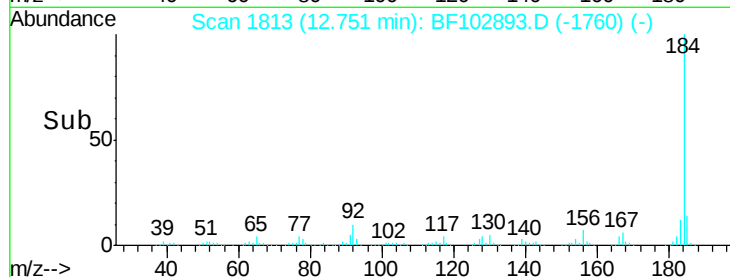
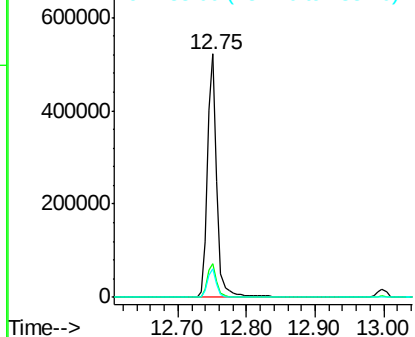
#76
Benzidine
Concen: 34.83 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 513848
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 11.7 9.3 13.9

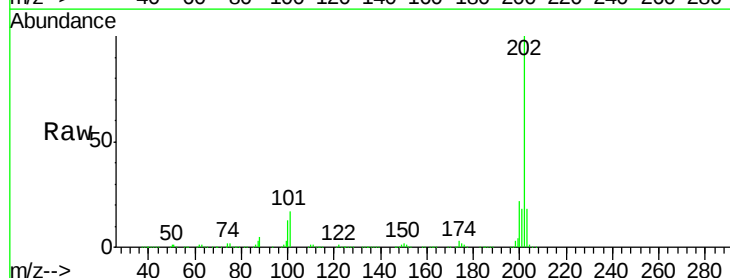


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

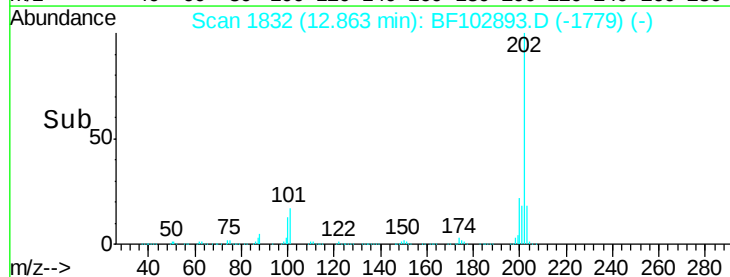
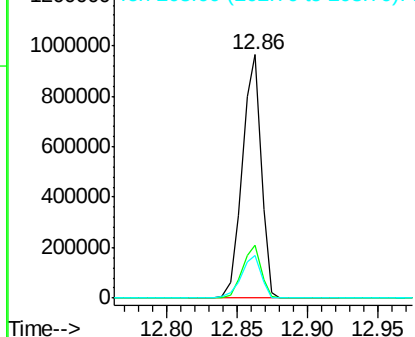


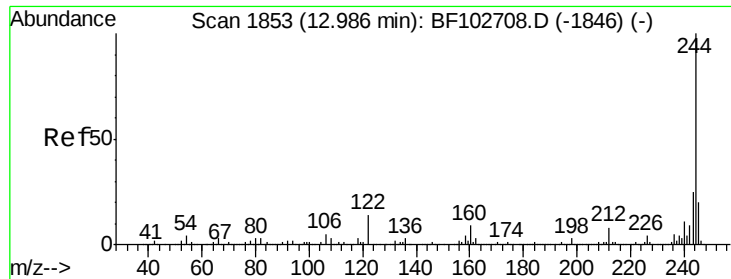
#77
Pyrene
Concen: 35.78 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion:202 Resp: 900481
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

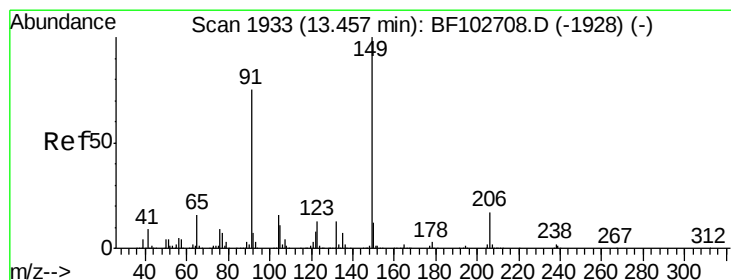
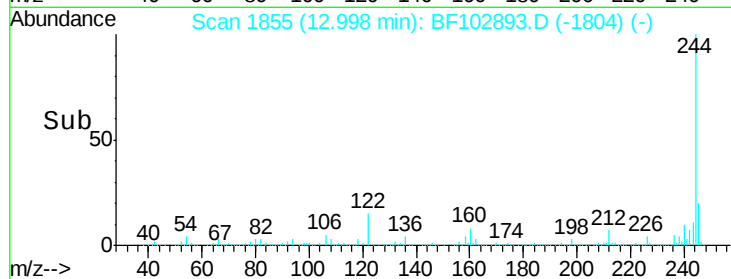
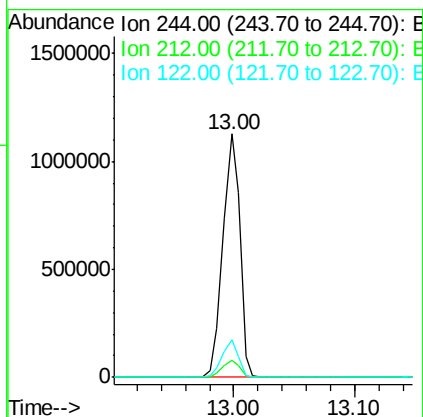
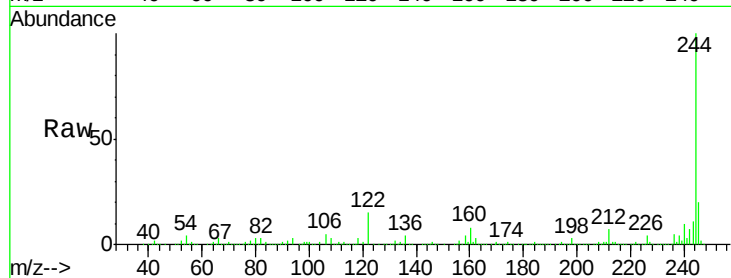




#78
 Terphenyl-d14
 Concen: 80.80 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

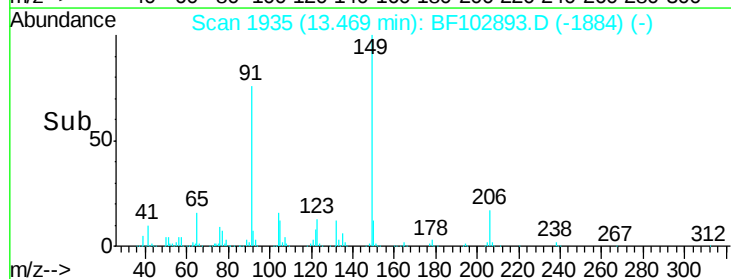
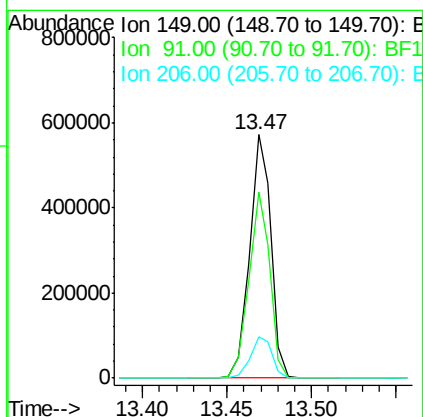
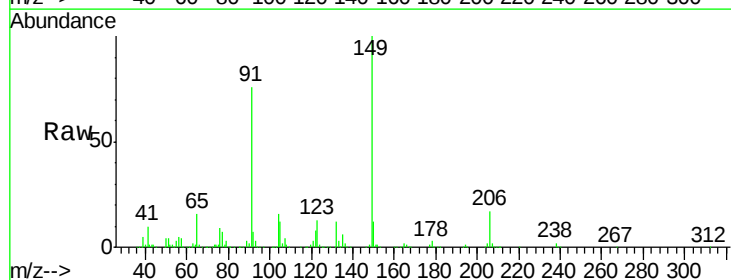
Instrument :
 BNA_F
 ClientSampleId :

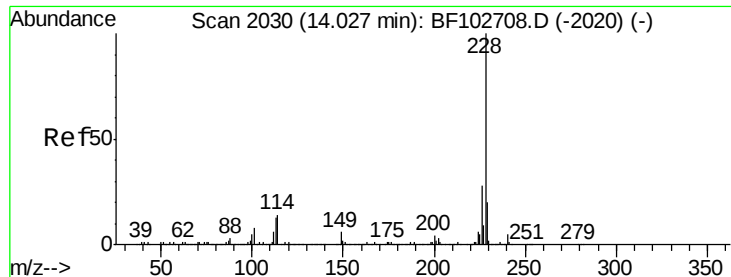
Tot Ion:244 Resp: 1095317
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 15.3 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 42.06 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion:149 Resp: 504790
 Ion Ratio Lower Upper
 149 100
 91 76.4 56.8 85.2
 206 17.0 14.1 21.1

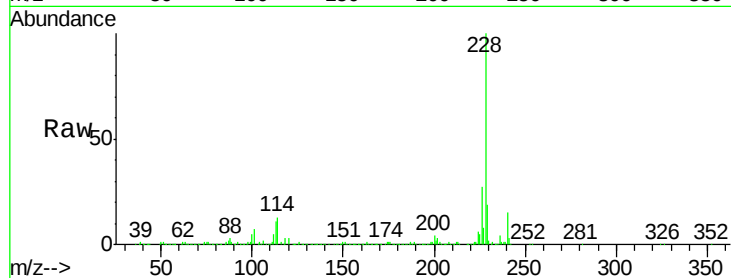




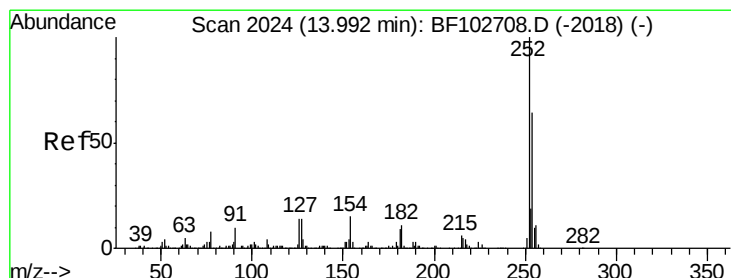
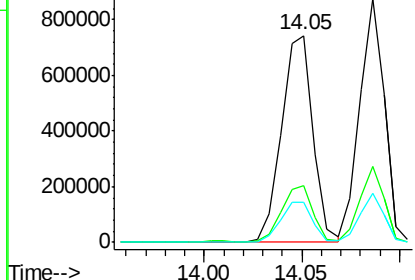
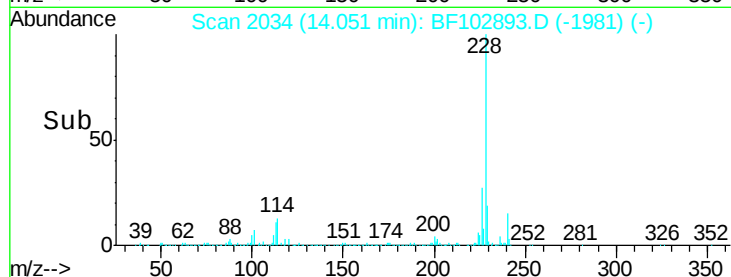
#80
Benzo(a)anthracene
Concen: 40.91 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 825896
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.3 15.8 23.6

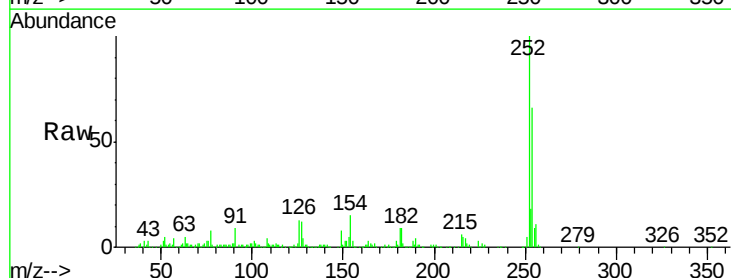


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

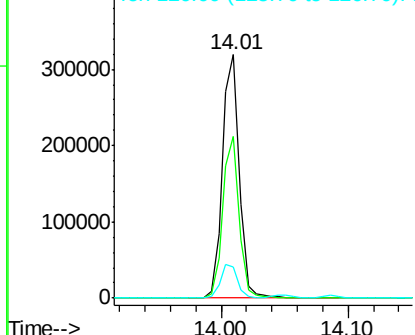
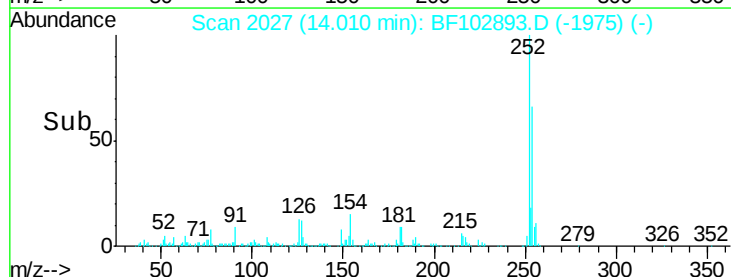


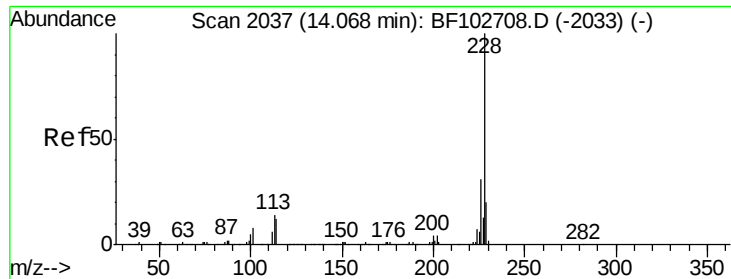
#81
3,3'-Dichlorobenzidine
Concen: 39.75 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion:252 Resp: 297515
Ion Ratio Lower Upper
252 100
254 66.4 50.4 75.6
126 12.9 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

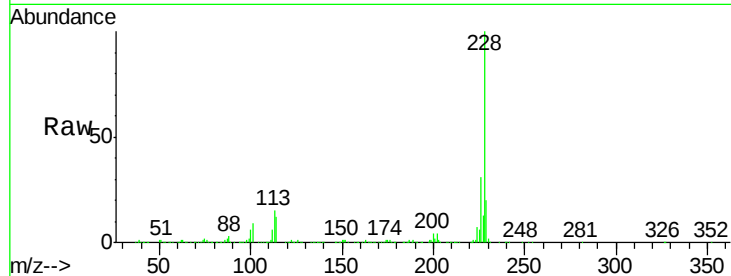




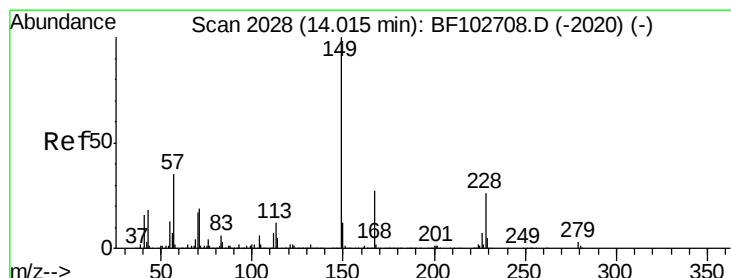
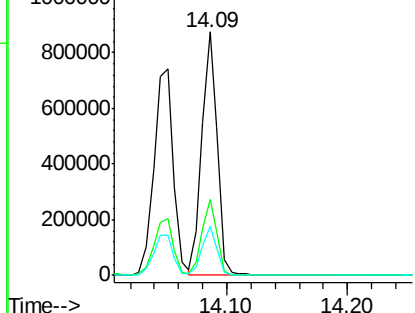
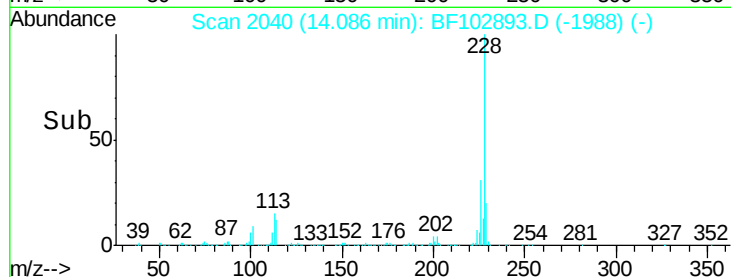
#82
 Chrysene
 Concen: 38.16 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 776490
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 20.0 16.2 24.4

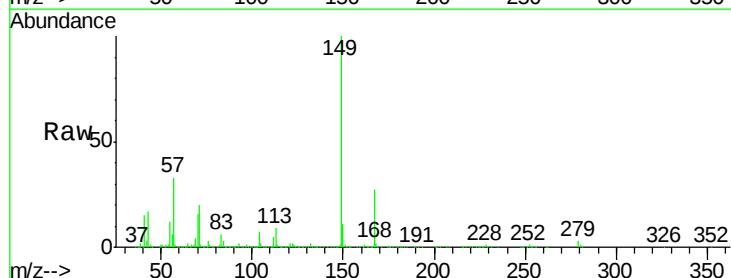


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

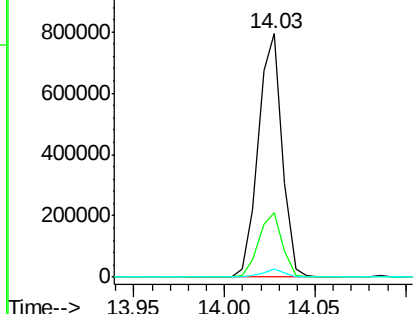
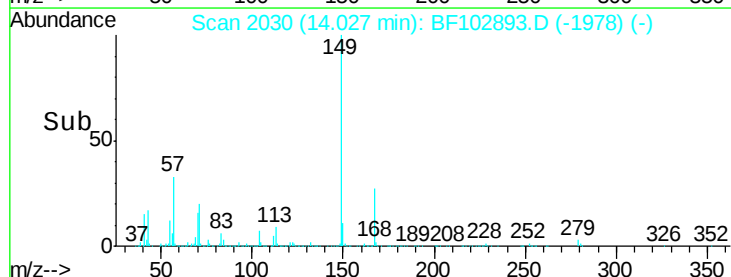


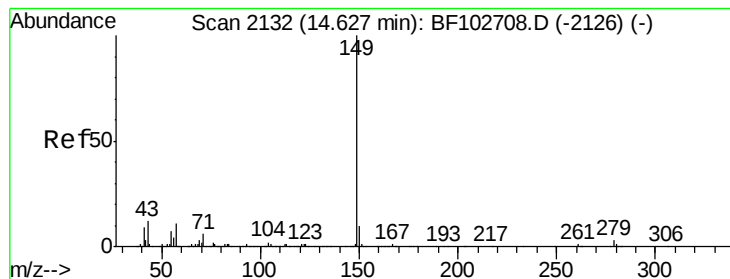
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.16 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion:149 Resp: 727062
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.2 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: 54.65 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

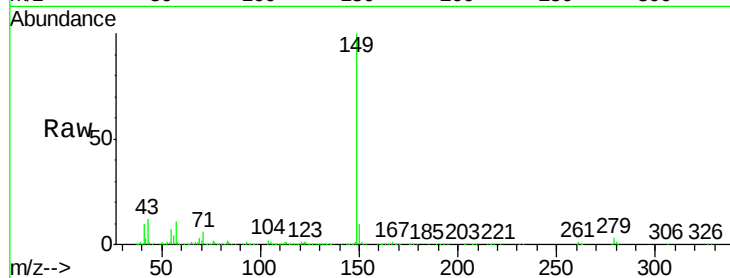
Tot Ion:149 Resp: 1265256

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

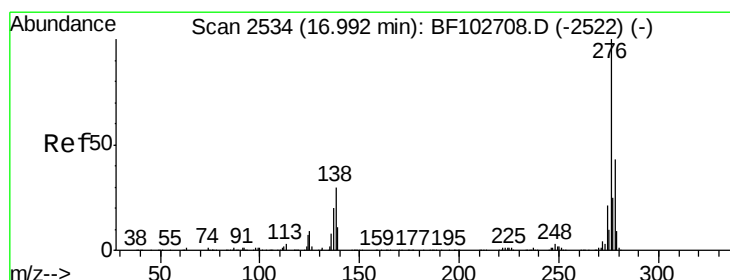
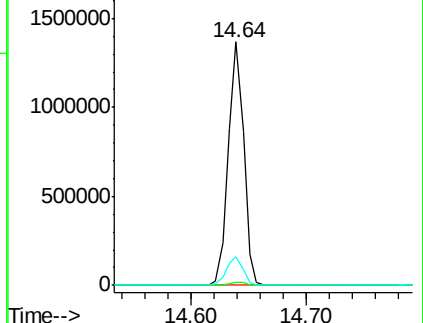
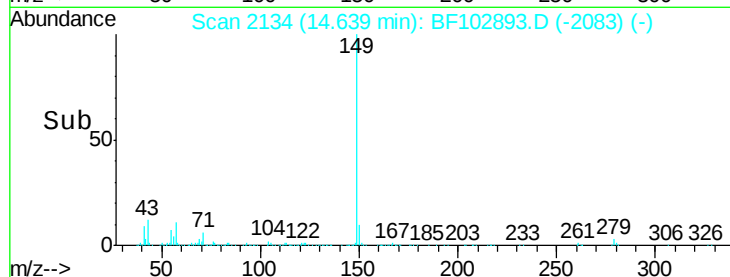
43 11.9 8.4 12.6



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: 38.72 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.04 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

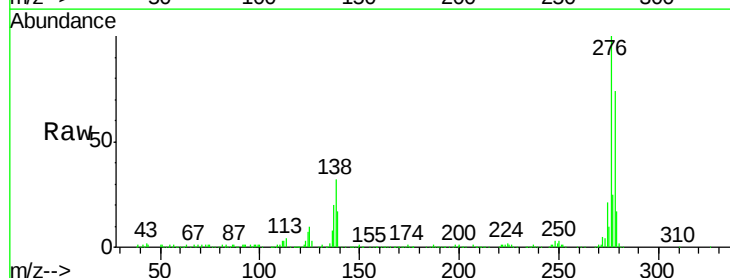
Tgt Ion:276 Resp: 653410

Ion Ratio Lower Upper

276 100

138 32.8 25.0 37.6

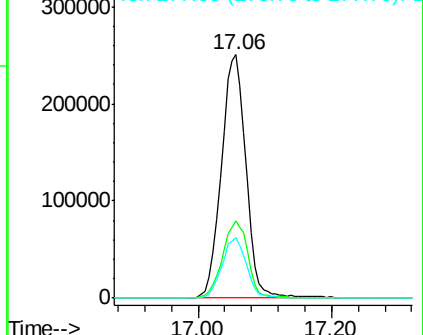
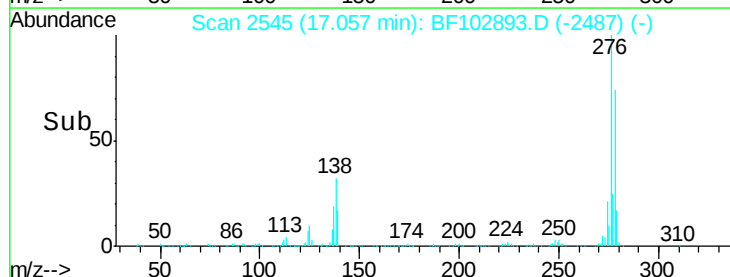
277 24.7 20.1 30.1

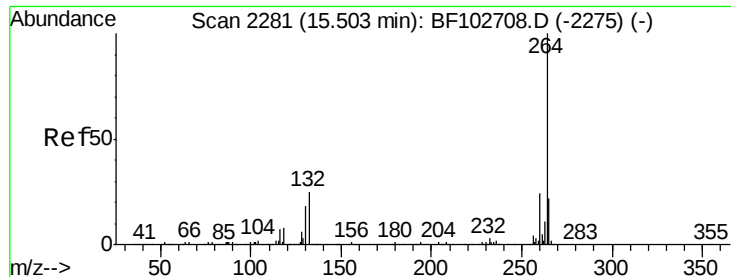


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



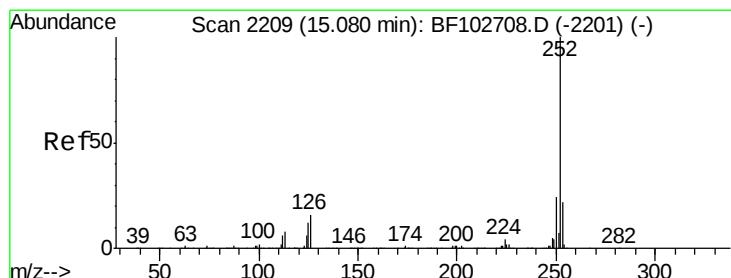
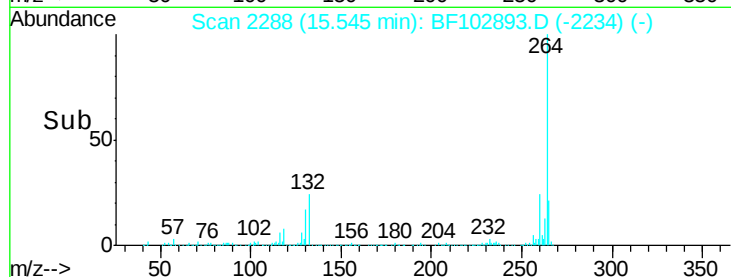
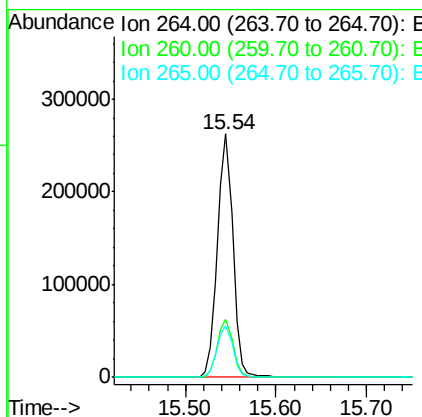
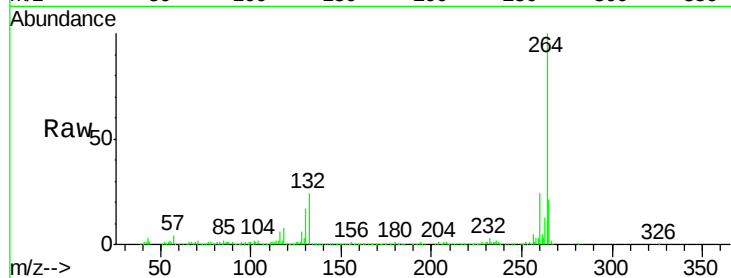


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 311962

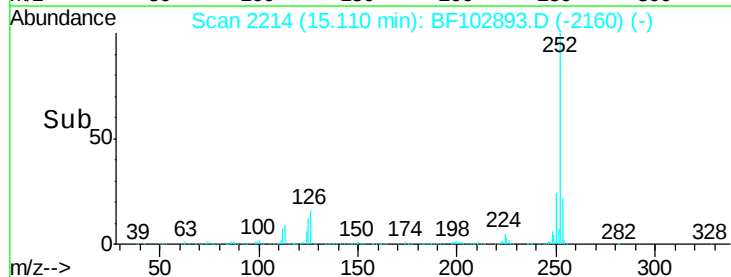
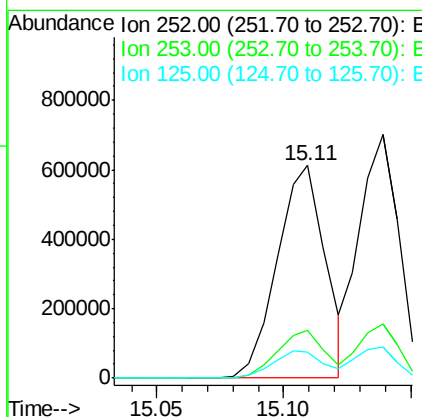
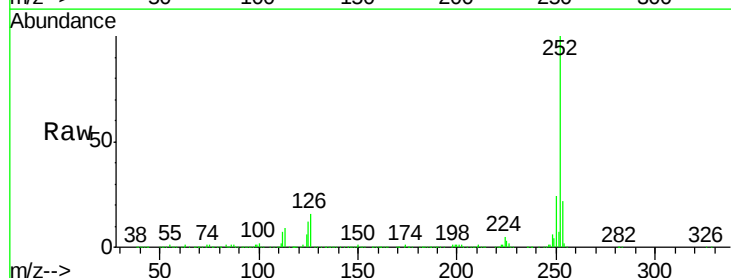
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.5	26.3

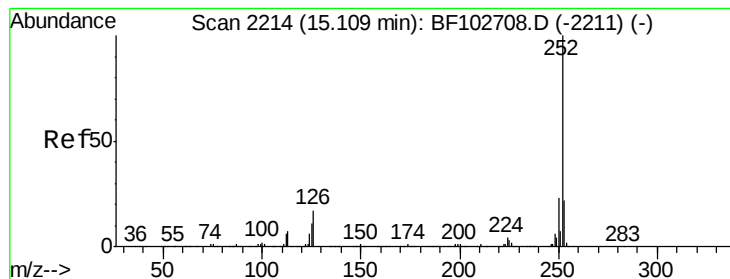


#87
Benzo(b)fluoranthene
Concen: 39.98 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion:252 Resp: 808570

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.2	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 39.99 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.02 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

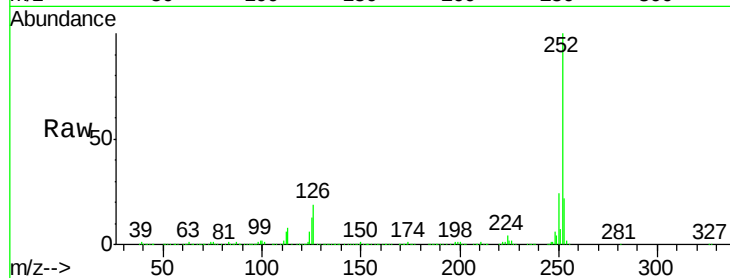
Tot Ion:252 Resp: 772822

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

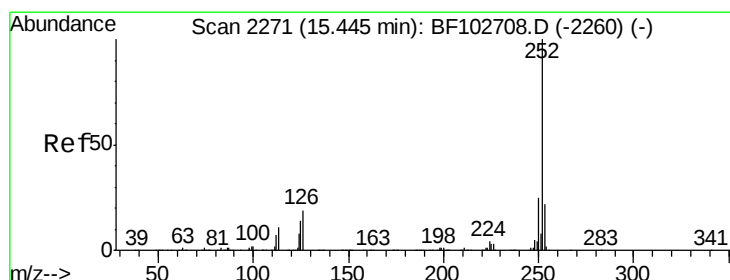
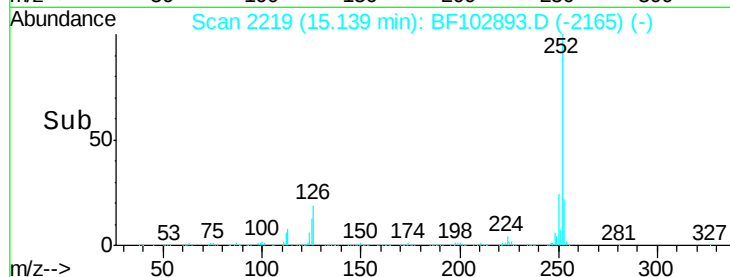
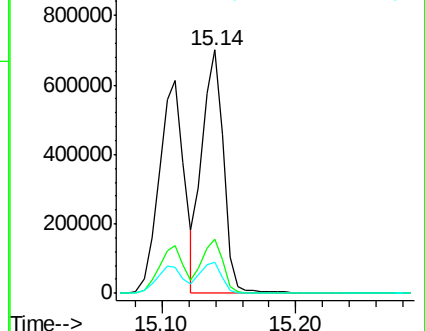
125 12.9 10.2 15.2



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: 40.90 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

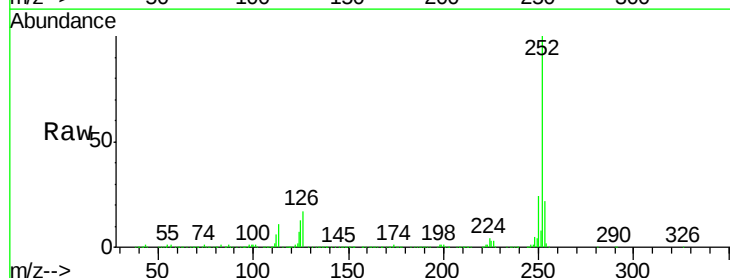
Tgt Ion:252 Resp: 744601

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

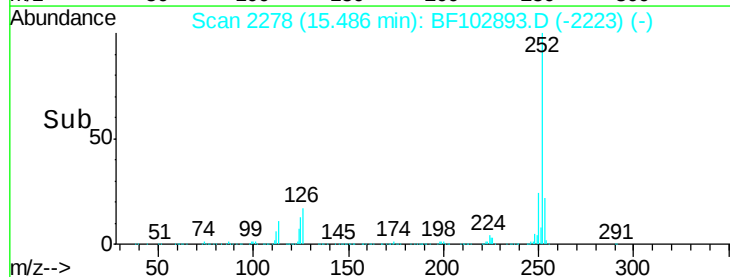
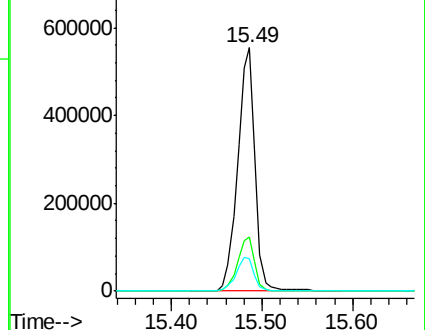
125 13.4 9.8 14.6

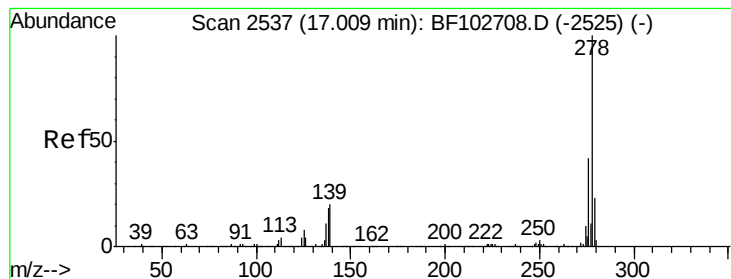


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 37.40 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.03 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

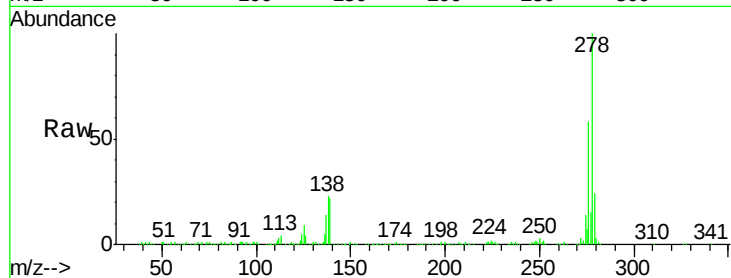
Tot Ion:278 Resp: 552628

Ion Ratio Lower Upper

278 100

139 21.9 15.9 23.9

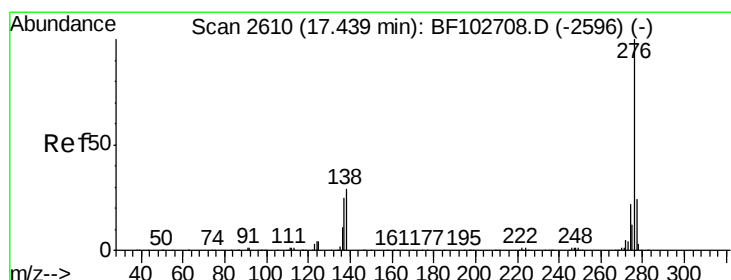
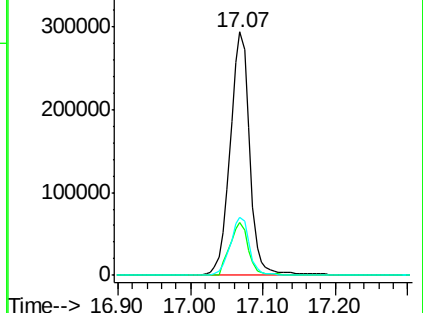
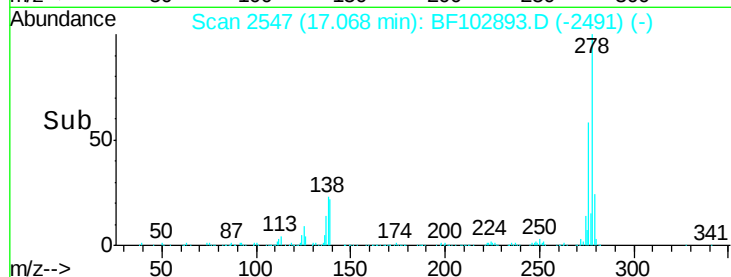
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 35.51 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.04 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

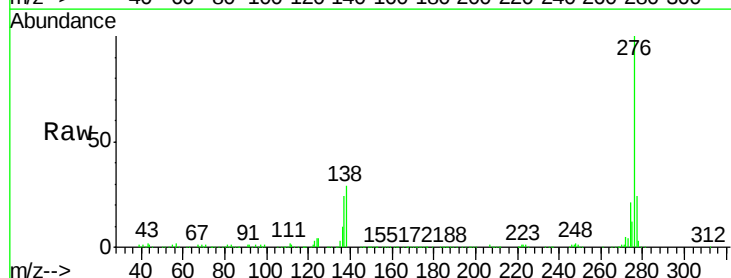
Tgt Ion:276 Resp: 513570

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 28.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

