

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106444.D
 Acq On : 14 Jun 2018 16:10
 Operator : JU/SJ
 Sample : J3493-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 18:42:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	135907	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	519780	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	242353	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	412626	20.00	ng	0.00
75) Chrysene-d12	14.16	240	319798	20.00	ng	0.00
86) Perylene-d12	15.71	264	333242	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	930860	115.92	ng	0.00
7) Phenol-d6	6.62	99	1141679	112.53	ng	0.00
23) Nitrobenzene-d5	7.54	82	844798	95.61	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	283227	121.46	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1169514	86.02	ng	0.00
78) Terphenyl-d14	13.08	244	1035194	80.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	147598	35.516	ng	95
3) Pyridine	3.63	79	409517	35.361	ng	98
4) n-Nitrosodimethylamine	3.60	42	209581	39.504	ng	90
6) Aniline	6.64	93	431848	29.151	ng	# 68
8) 2-Chlorophenol	6.77	128	390133	45.179	ng	99
9) Benzaldehyde	6.52	77	261894	34.034	ng	98
10) Phenol	6.63	94	491276	44.358	ng	74
11) bis(2-Chloroethyl)ether	6.71	93	402358	42.438	ng	99
12) 1,3-Dichlorobenzene	6.91	146	436683	42.967	ng	98
13) 1,4-Dichlorobenzene	6.98	146	440772	42.737	ng	99
14) 1,2-Dichlorobenzene	7.14	146	413204	42.559	ng	96
15) Benzyl Alcohol	7.11	79	366689	42.205	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	574842	42.296	ng	# 45
17) 2-Methylphenol	7.23	107	332747	43.190	ng	# 91
18) Hexachloroethane	7.48	117	152192	41.414	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	269481	35.406	ng	95
20) 3+4-Methylphenols	7.38	107	406414	41.250	ng	89
22) Acetophenone	7.37	105	537114	41.005	ng	# 96
24) Nitrobenzene	7.55	77	449750	46.833	ng	99
25) Isophorone	7.79	82	803261	46.545	ng	100
26) 2-Nitrophenol	7.87	139	221701	59.477	ng	100
27) 2,4-Dimethylphenol	7.91	122	351826	48.156	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	502868	44.938	ng	100
29) 2,4-Dichlorophenol	8.12	162	353497	50.153	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	353967	44.789	ng	96
31) Naphthalene	8.27	128	1072151	45.630	ng	98
32) Benzoic acid	8.02	122	174441	34.745	ng	97
33) 4-Chloroaniline	8.32	127	318107	30.549	ng	98
34) Hexachlorobutadiene	8.38	225	219976	43.326	ng	99
35) Caprolactam	8.70	113	80759	33.874	ng	98
36) 4-Chloro-3-methylphenol	8.82	107	370199	47.482	ng	99
37) 2-Methylnaphthalene	8.97	142	728253	45.505	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	366073	46.530	ng	97
40) Hexachlorocyclopentadiene	9.11	237	268024	61.746	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

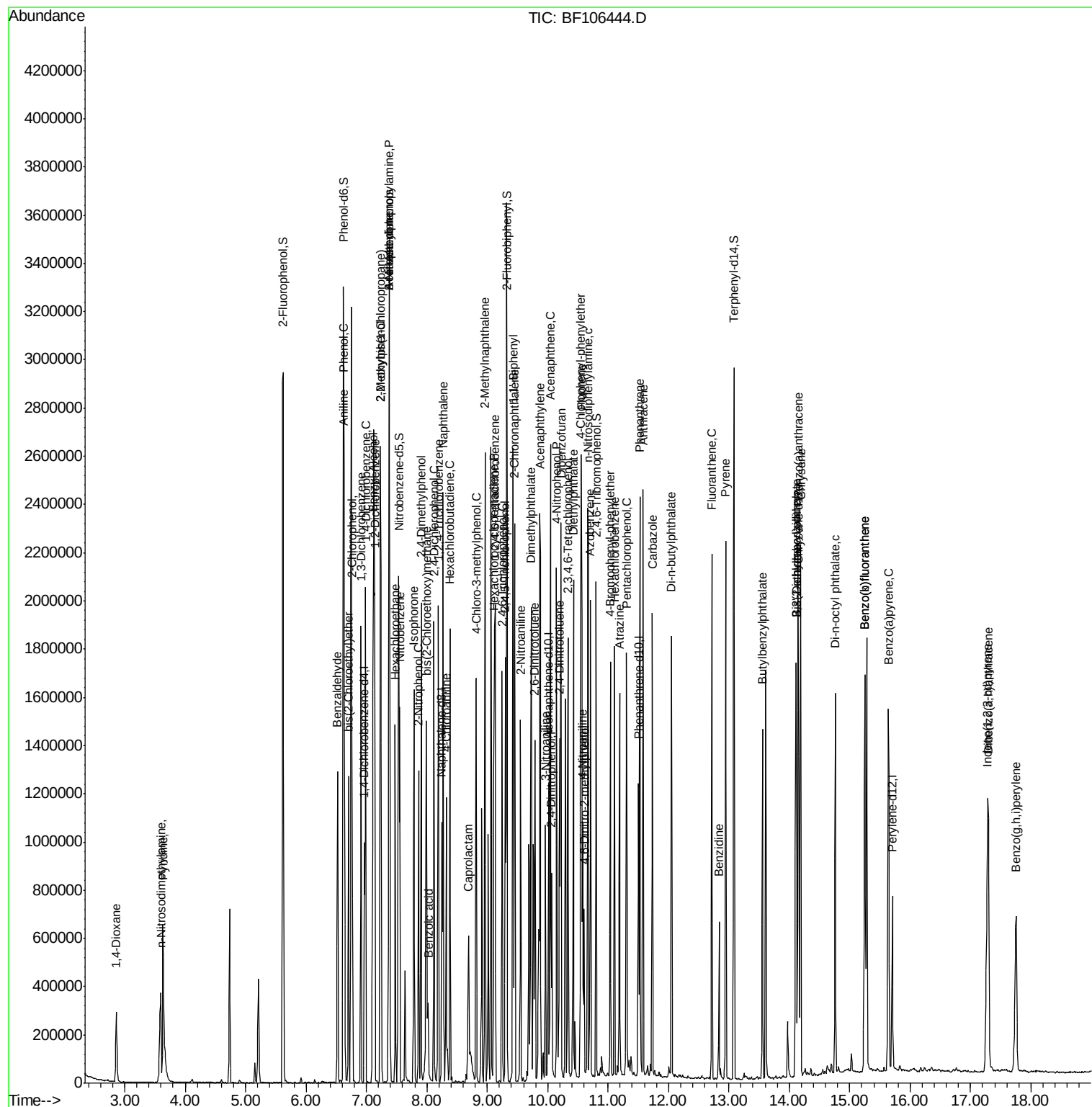
42) 2,4,6-Trichlorophenol	9.25	196	260255	51.908	nq	100
43) 2,4,5-Trichlorophenol	9.30	196	274288	50.747	nq	# 92
45) 1,1'-Biphenyl	9.43	154	839188	44.706	nq	98
46) 2-Chloronaphthalene	9.45	162	687620	45.774	nq	99
47) 2-Nitroaniline	9.55	65	252133	53.354	nq	92
48) Acenaphthylene	9.87	152	1075538	46.776	nq	98
49) Dimethylphthalate	9.73	163	952499	55.011	nq	# 99
50) 2,6-Dinitrotoluene	9.80	165	186524	52.738	nq	93
51) Acenaphthene	10.05	154	671277	45.206	nq	99
52) 3-Nitroaniline	9.97	138	154405	36.782	nq	97
53) 2,4-Dinitrophenol	10.07	184	114255	71.399	nq	# 14
54) Dibenzofuran	10.22	168	896569	44.838	nq	96
55) 4-Nitrophenol	10.15	139	261003	81.117	nq	99
56) 2,4-Dinitrotoluene	10.20	165	244196	54.982	nq	99
57) Fluorene	10.56	166	686969	43.362	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	214000	49.954	nq	# 84
59) Diethylphthalate	10.42	149	745396	43.373	nq	94
60) 4-Chlorophenyl-phenylether	10.55	204	355986	42.722	nq	91
61) 4-Nitroaniline	10.58	138	184368	45.142	nq	100
62) Azobenzene	10.71	77	749740	41.838	nq	97
64) 4,6-Dinitro-2-methylphenol	10.60	198	88500	40.840	nq	90
65) n-Nitrosodiphenylamine	10.67	169	644311	46.461	nq	95
66) 4-Bromophenyl-phenylether	11.04	248	239422	51.015	nq	# 81
67) Hexachlorobenzene	11.11	284	238552	49.304	nq	# 87
68) Atrazine	11.19	200	212930	49.824	nq	95
69) Pentachlorophenol	11.31	266	205155	68.871	nq	99
70) Phenanthrene	11.52	178	916937	45.375	nq	99
71) Anthracene	11.58	178	934666	46.169	nq	98
72) Carbazole	11.74	167	821614	43.960	nq	99
73) Di-n-butylphthalate	12.05	149	949460	45.644	nq	99
74) Fluoranthene	12.72	202	854625	39.657	nq	97
76) Benzidine	12.84	184	252238	23.699	nq	97
77) Pyrene	12.95	202	860886	42.998	nq	98
79) Butylbenzylphthalate	13.55	149	334304	44.607	nq	96
80) Benzo(a)anthracene	14.15	228	860076	45.193	nq	97
81) 3,3'-Dichlorobenzidine	14.11	252	282520	43.999	nq	# 96
82) Chrysene	14.19	228	828451	47.680	nq	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	426938	39.731	nq	100
84) Di-n-octyl phthalate	14.76	149	749516	48.382	nq	99
85) Indeno(1,2,3-cd)pyrene	17.28	276	730372	52.670	nq	# 93
87) Benzo(b)fluoranthene	15.25	252	903020	44.828	nq	97
88) Benzo(k)fluoranthene	15.25	252	903020	45.264	nq	97
89) Benzo(a)pyrene	15.64	252	838193	46.261	nq	97
90) Dibenzo(a,h)anthracene	17.29	278	611073	40.453	nq	96
91) Benzo(g,h,i)perylene	17.75	276	572868	39.024	nq	94

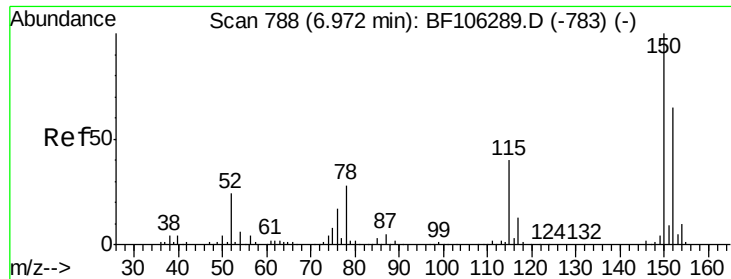
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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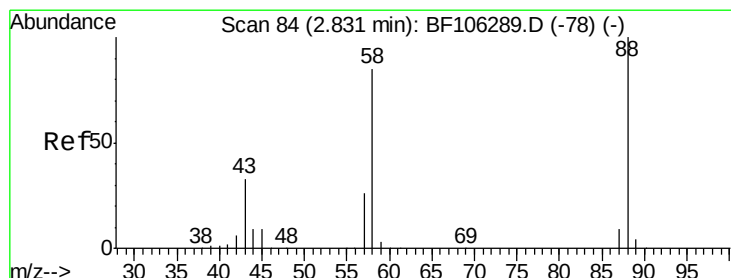
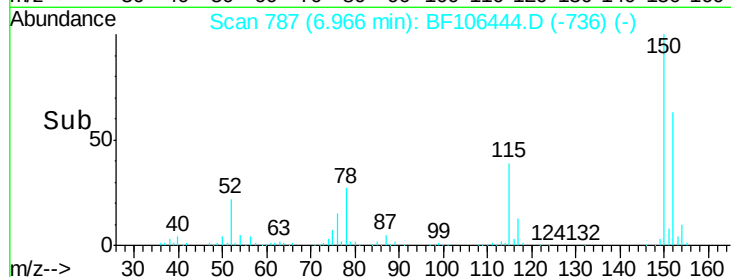
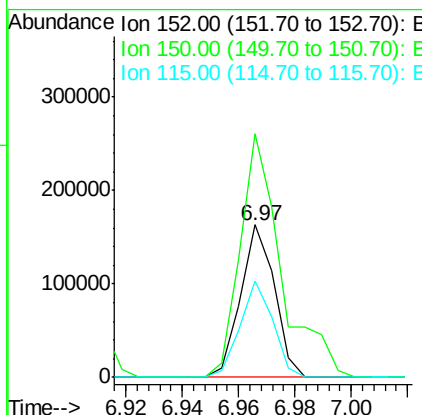
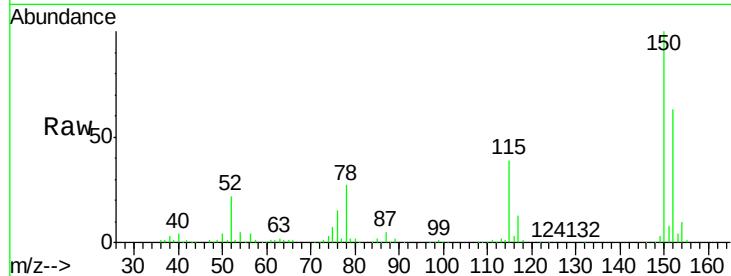


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Instrument :
BNA_F
ClientSampleId :

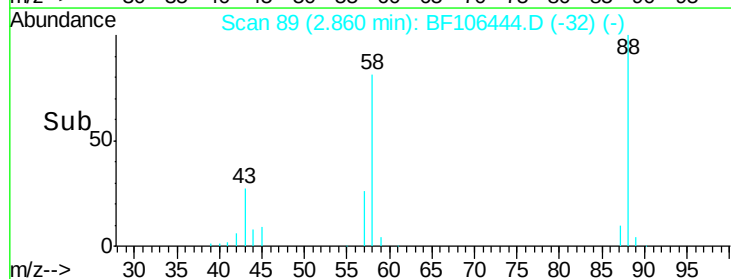
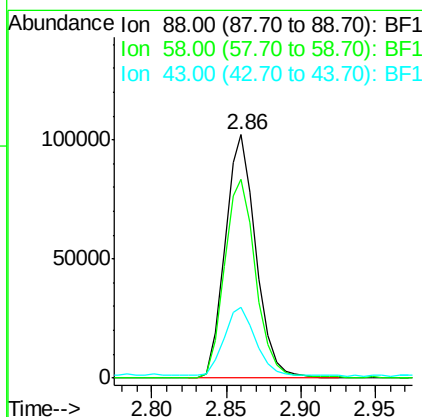
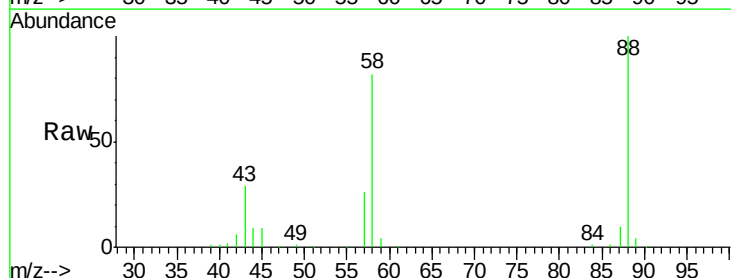
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	62.8	50.1	75.1

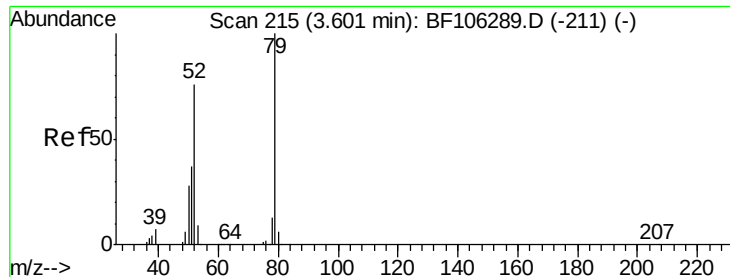


#2

1,4-Dioxane
Concen: 35.516 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.04 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	62.6	93.8
43	29.0	24.6	37.0

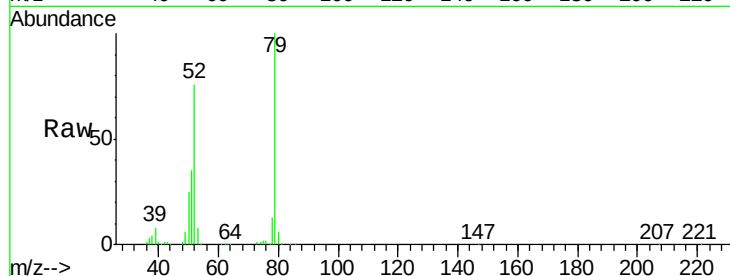




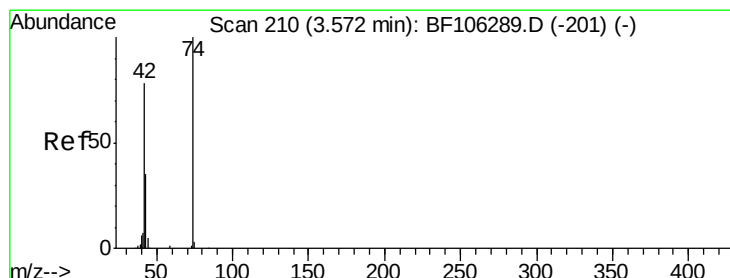
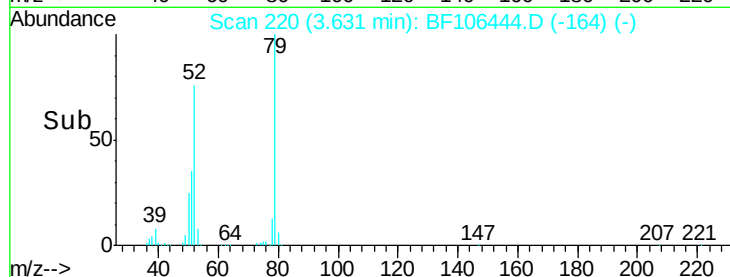
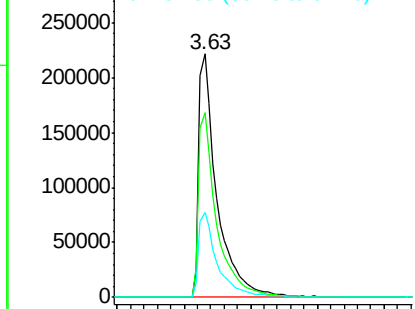
#3
 Pvridine
 Concen: 35.361 ng
 RT: 3.63 min Scan# 220
 Delta R.T. 0.03 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.9	59.8	89.6
51	34.9	29.8	44.8

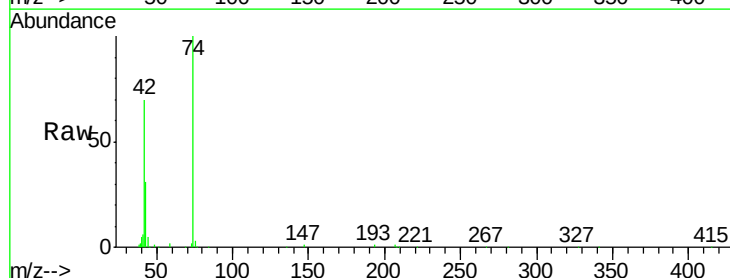


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

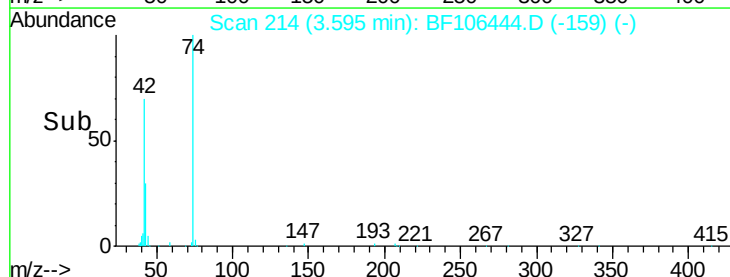
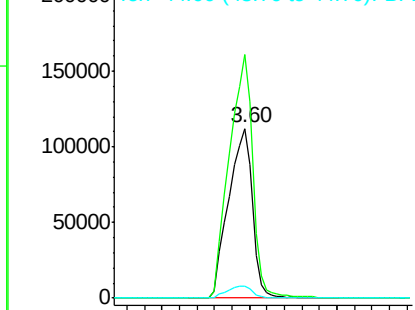


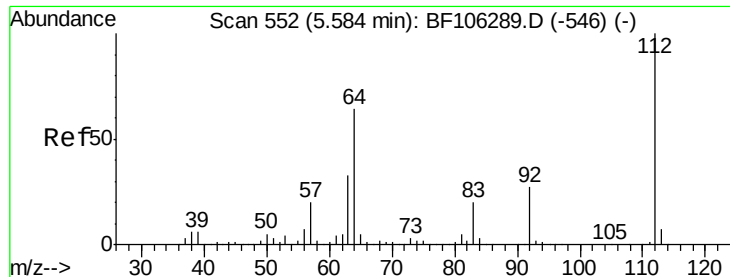
#4
 n-Nitrosodimethylamine
 Concen: 39.504 ng
 RT: 3.60 min Scan# 214
 Delta R.T. 0.02 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.6	104.9	157.3
44	6.9	6.9	10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 115.923 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106444.D

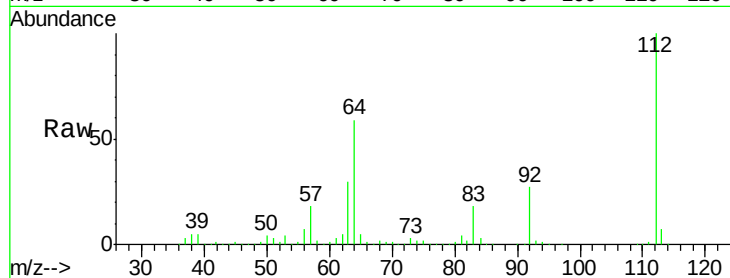
Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampled :

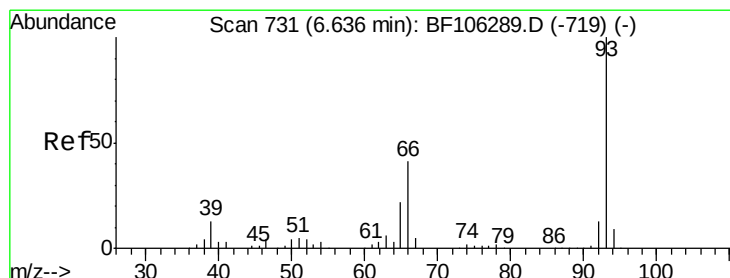
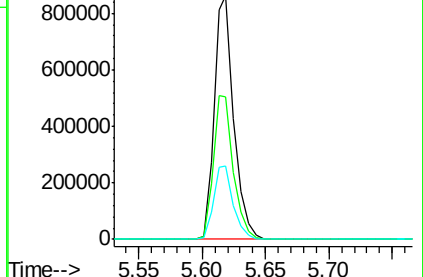
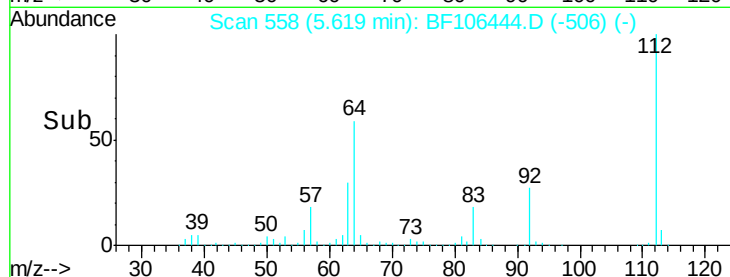
Tot Ion:	112	Resp:	930860
Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	29.9	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.151 ng

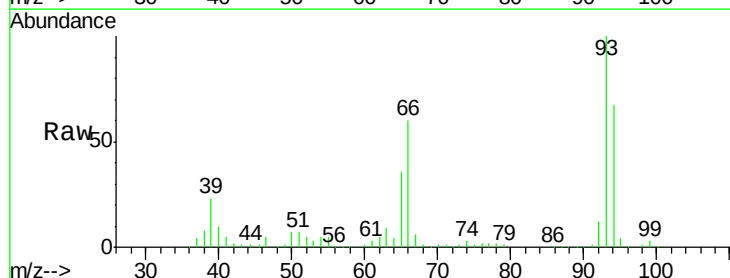
RT: 6.64 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

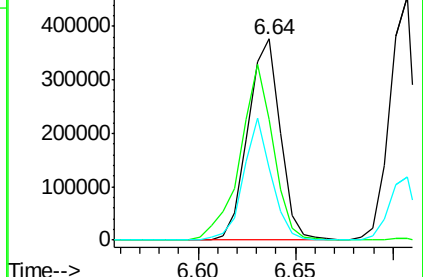
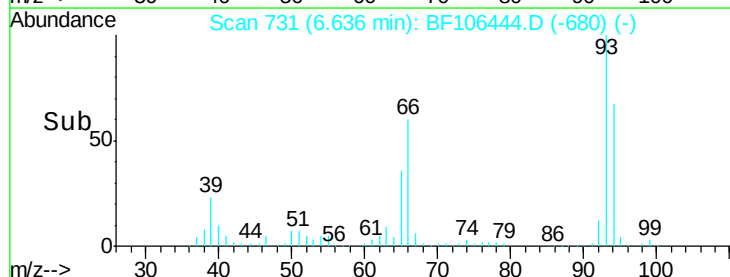
Tgt Ion:	93	Resp:	431848
Ion	Ratio	Lower	Upper
93	100		
66	60.0	32.2	48.2#
65	35.9	16.4	24.6#

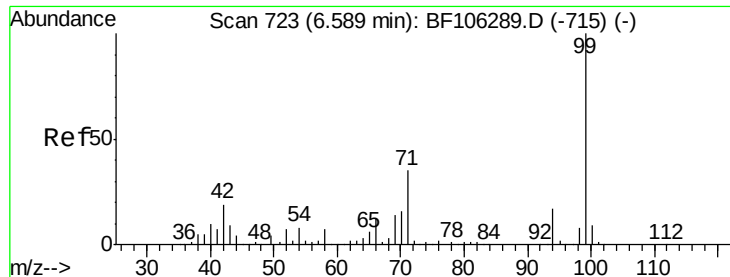


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.535 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampled :

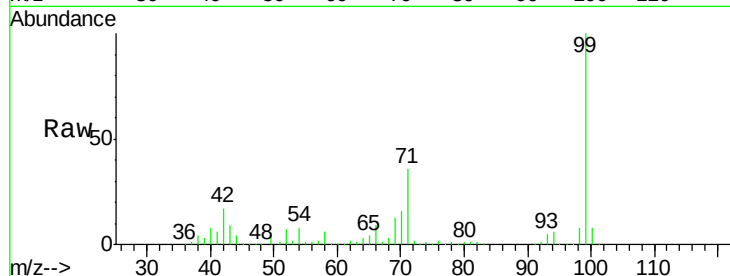
Tot Ion: 99 Resp: 1141679

Ion Ratio Lower Upper

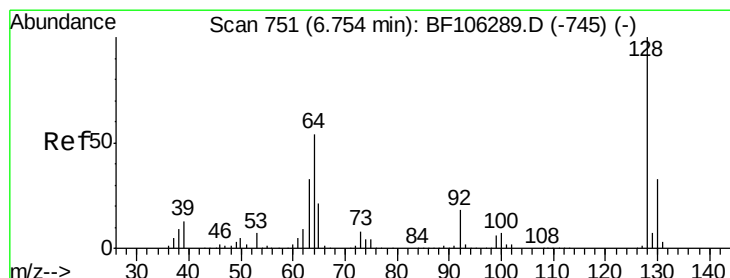
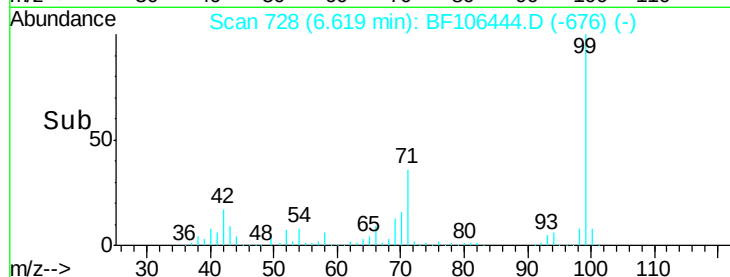
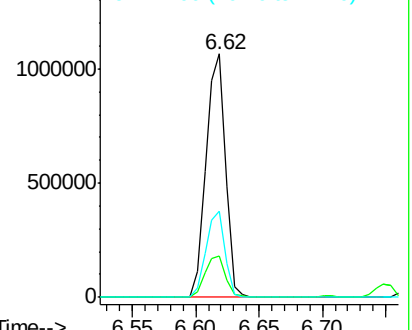
99 100

42 17.2 14.5 21.7

71 35.6 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: 45.179 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

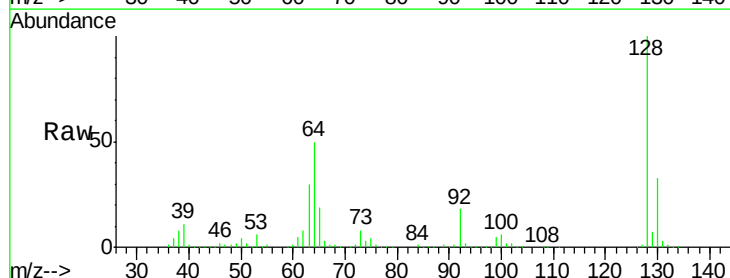
Tgt Ion:128 Resp: 390133

Ion Ratio Lower Upper

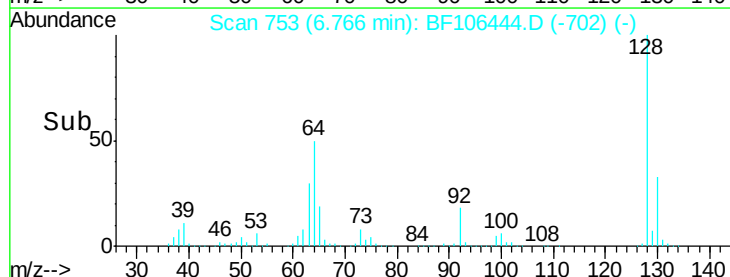
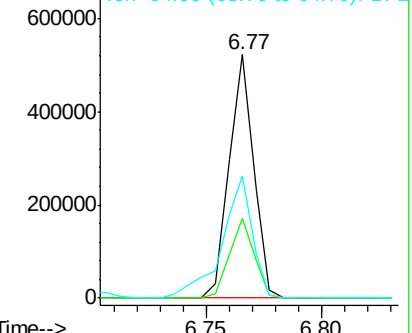
128 100

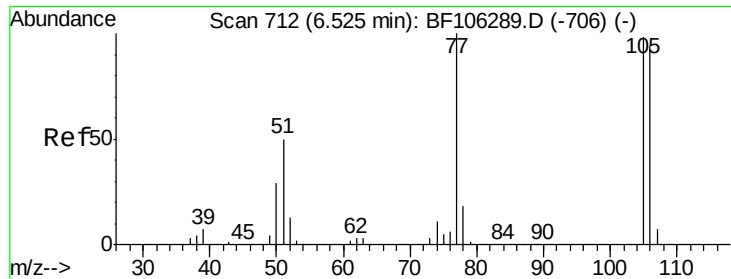
130 32.9 13.0 53.0

64 50.1 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: 34.034 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

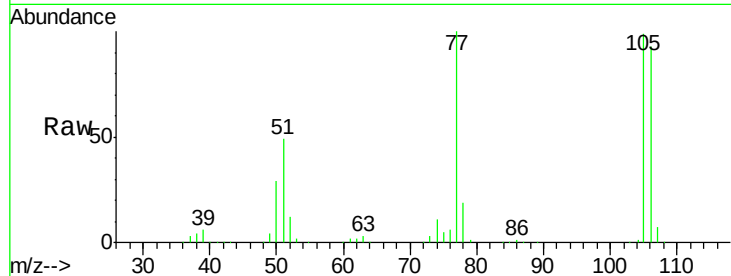
Tot Ion: 77 Resp: 261894

Ion Ratio Lower Upper

77 100

105 99.0 81.1 121.1

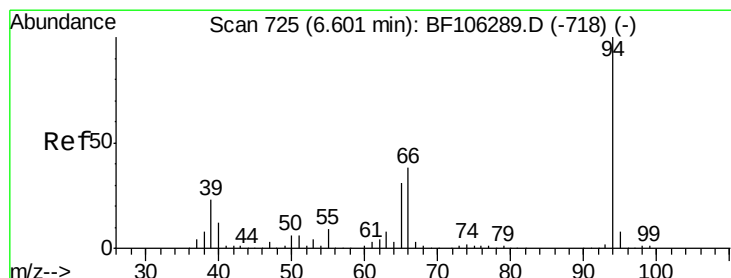
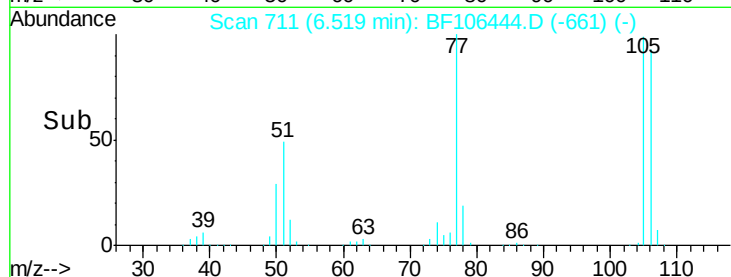
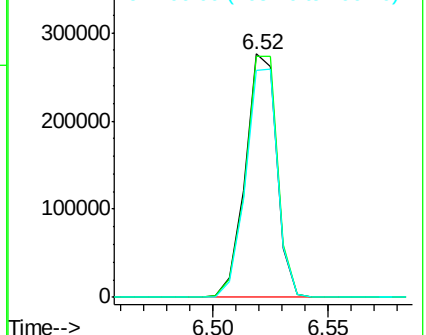
106 93.4 74.5 114.5



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: 44.358 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

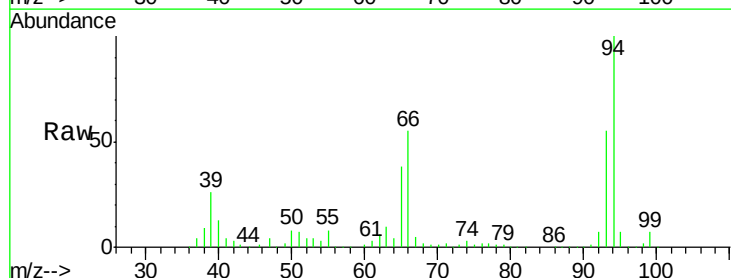
Tgt Ion: 94 Resp: 491276

Ion Ratio Lower Upper

94 100

65 38.1 7.9 47.9

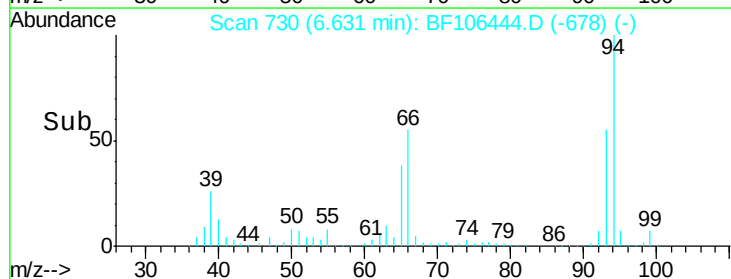
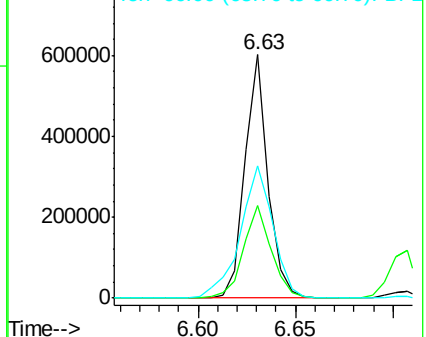
66 54.5 16.2 56.2

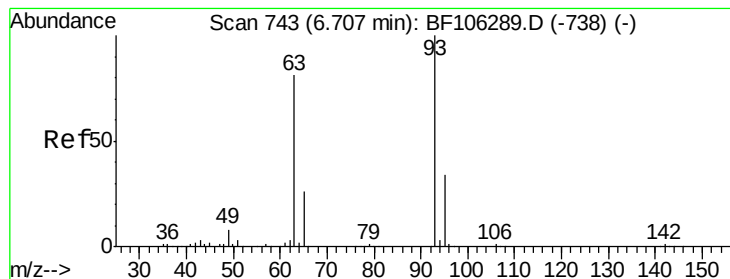


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.438 ng

RT: 6.71 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

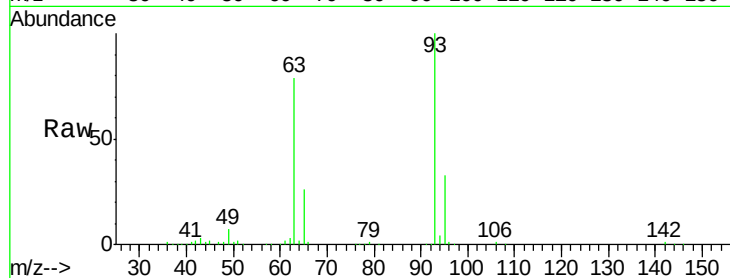
Tot Ion: 93 Resp: 402358

Ion Ratio Lower Upper

93 100

63 79.4 58.6 98.6

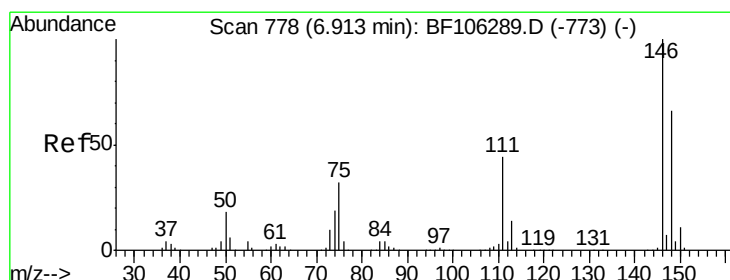
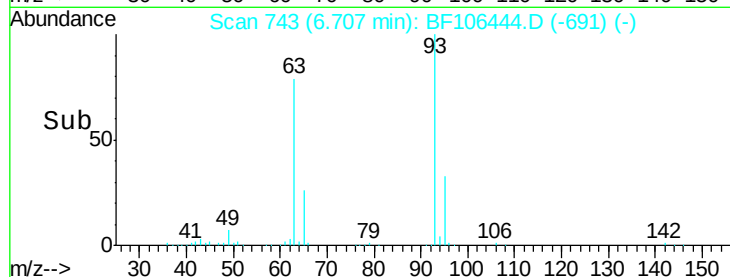
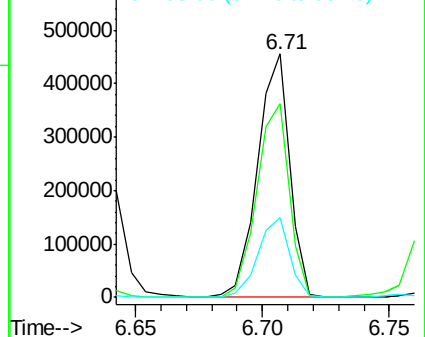
95 33.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.967 ng

RT: 6.91 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

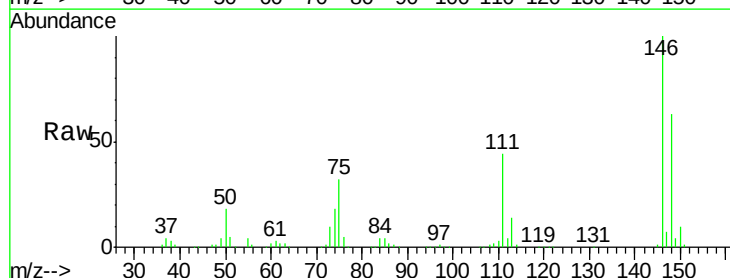
Tgt Ion: 146 Resp: 436683

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

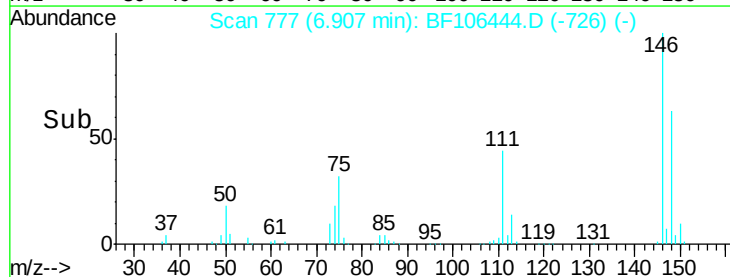
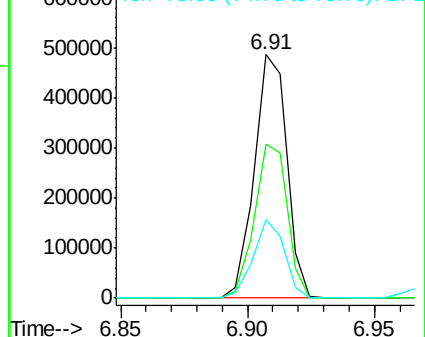
75 32.2 24.2 36.4

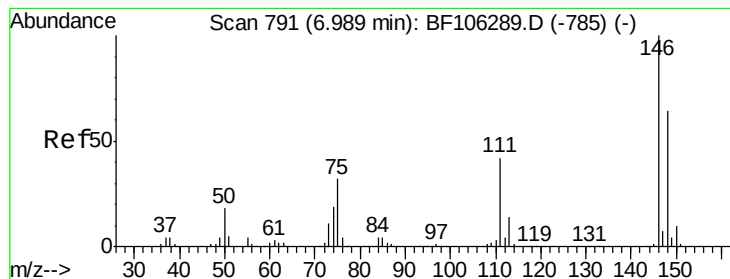


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.737 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

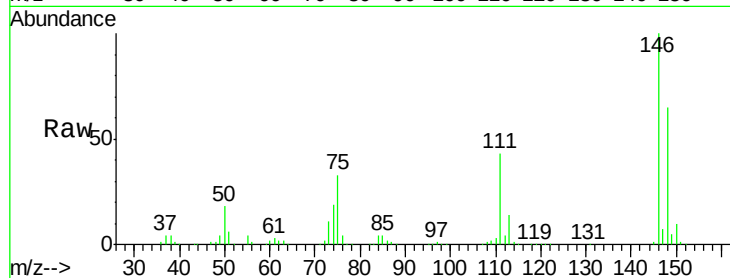
Tot Ion:146 Resp: 440772

Ion Ratio Lower Upper

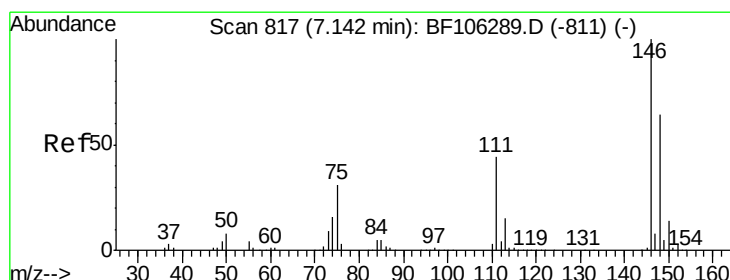
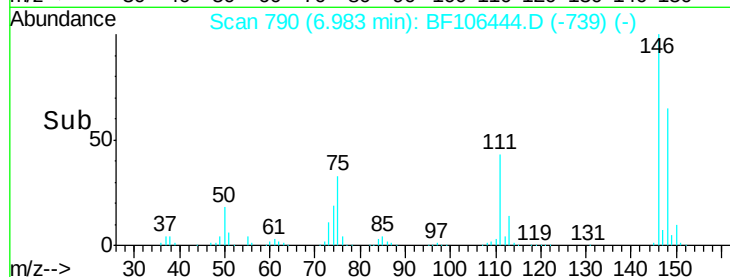
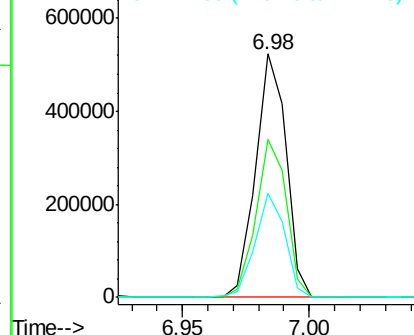
146 100

148 64.6 50.8 76.2

111 42.5 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 42.559 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

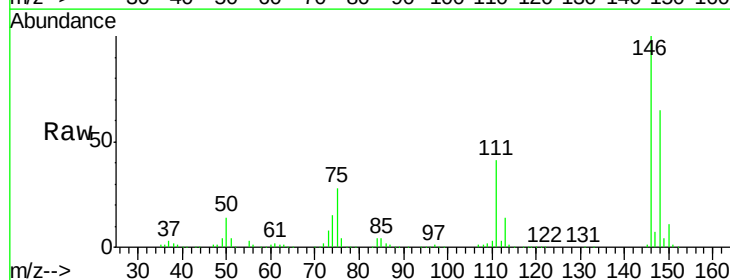
Tgt Ion:146 Resp: 413204

Ion Ratio Lower Upper

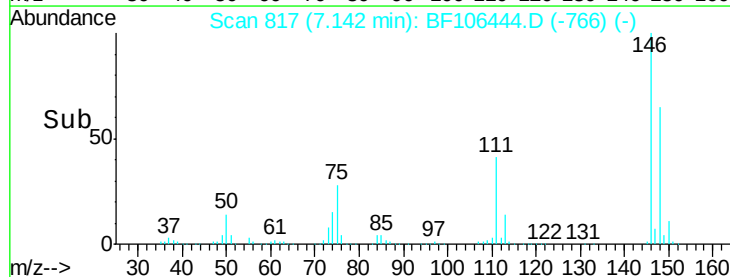
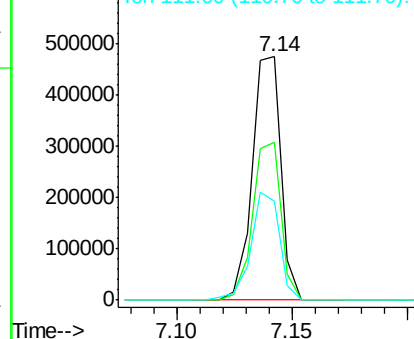
146 100

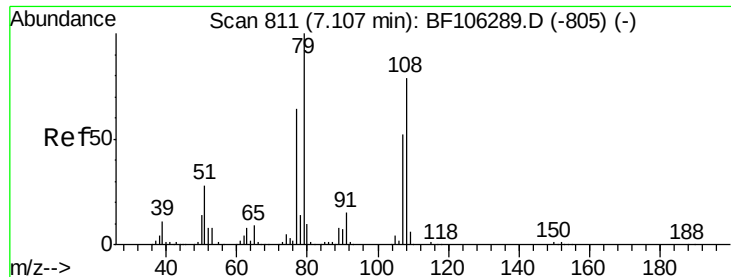
148 65.0 50.6 75.8

111 40.7 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

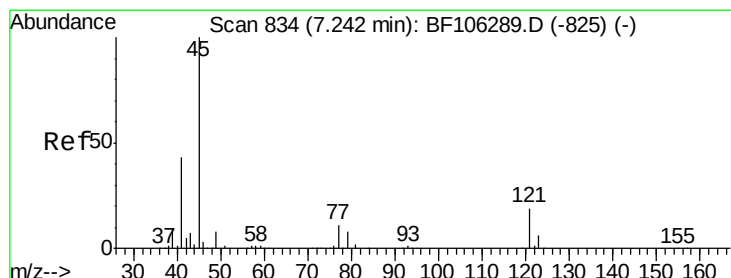
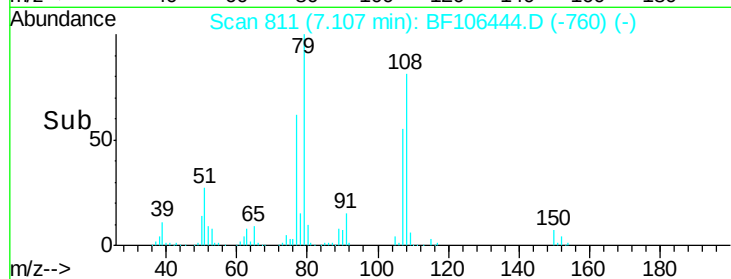
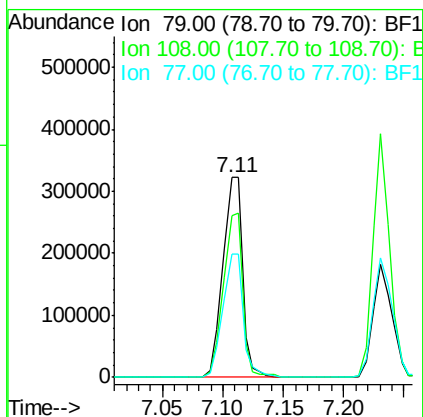
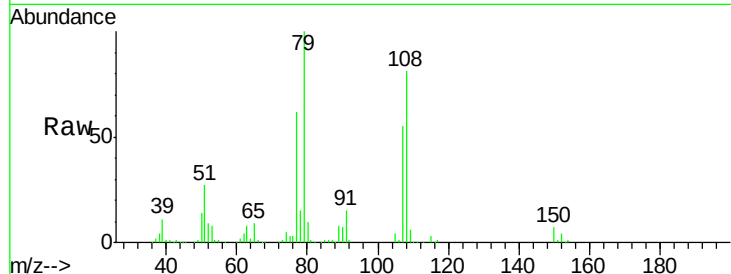




#15
Benzyl Alcohol
Concen: 42.205 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

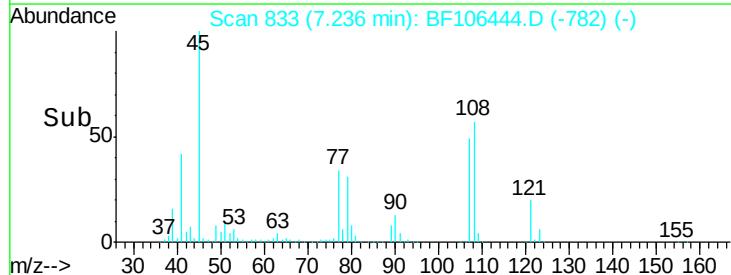
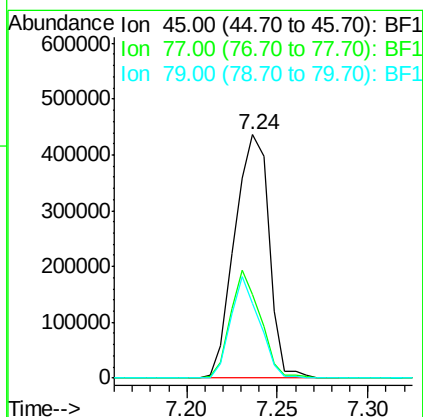
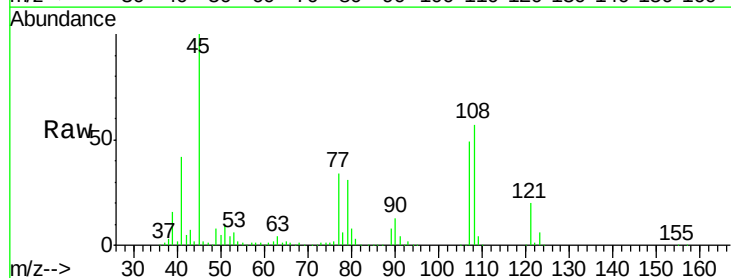
Instrument :
BNA_F
ClientSampled :

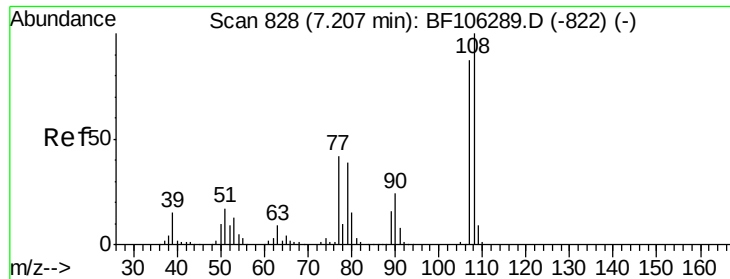
Tot Ion: 79 Resp: 366689
Ion Ratio Lower Upper
79 100
108 80.6 65.1 97.7
77 61.8 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.296 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion: 45 Resp: 574842
Ion Ratio Lower Upper
45 100
77 34.4 0.0 32.9#
79 30.6 0.0 29.6#

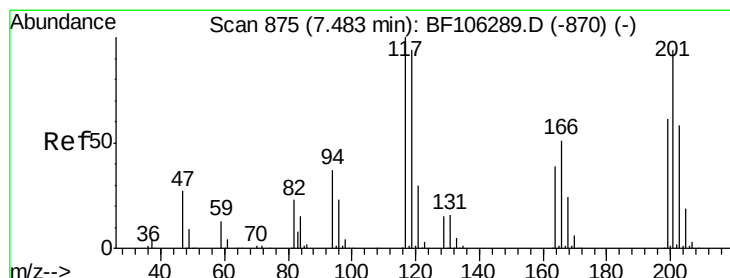
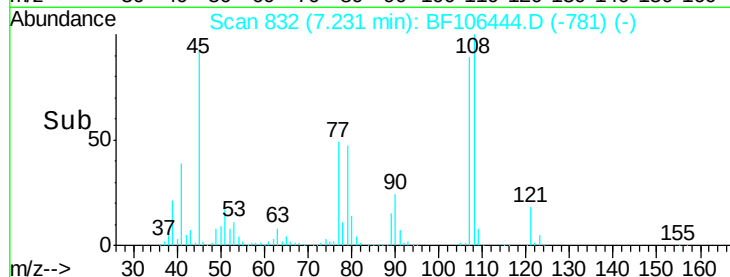
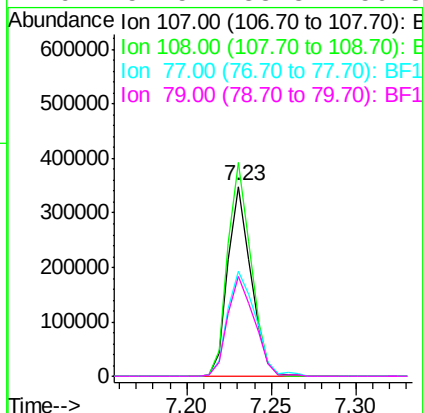
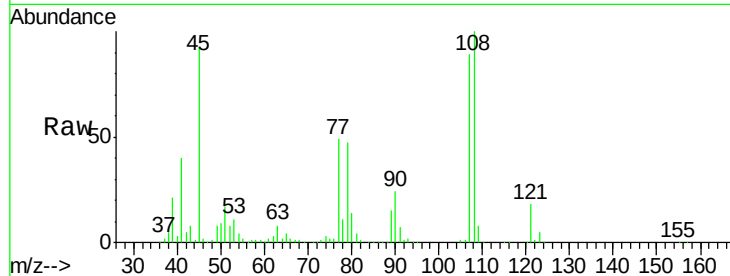




#17
2-Methylphenol
Concen: 43.190 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

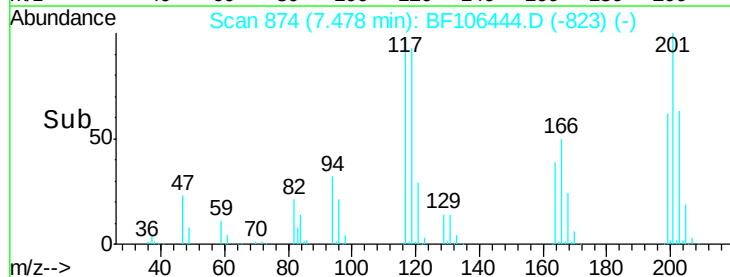
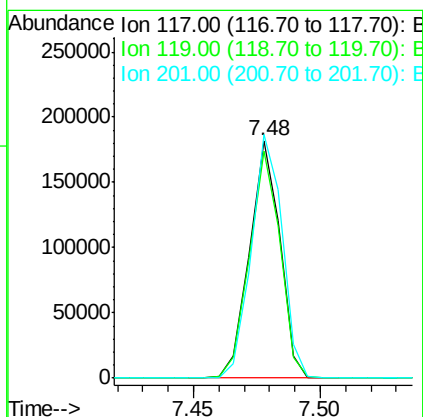
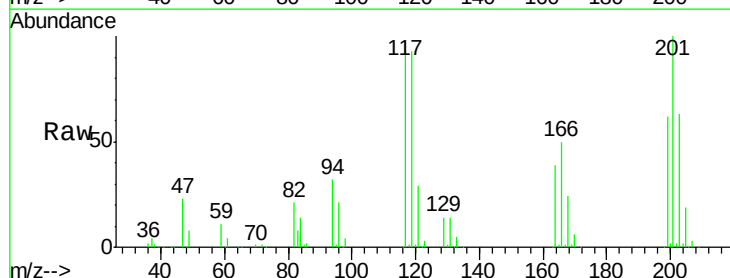
Instrument :
BNA_F
ClientSampleId :

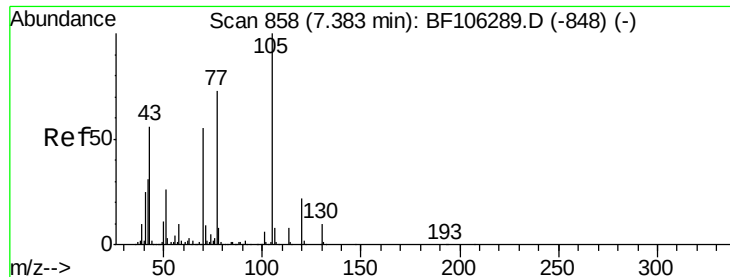
Tot Ion:107 Resp: 332747
Ion Ratio Lower Upper
107 100
108 112.5 91.7 137.5
77 55.4 33.8 50.8#
79 52.5 33.8 50.8#



#18
Hexachloroethane
Concen: 41.414 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion:117 Resp: 152192
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 102.6 75.7 113.5

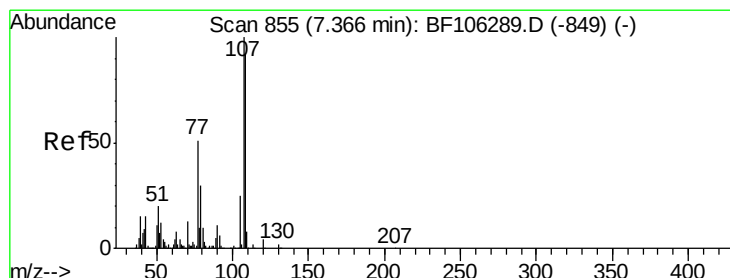
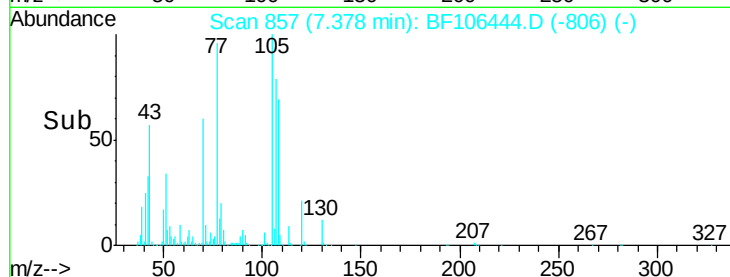
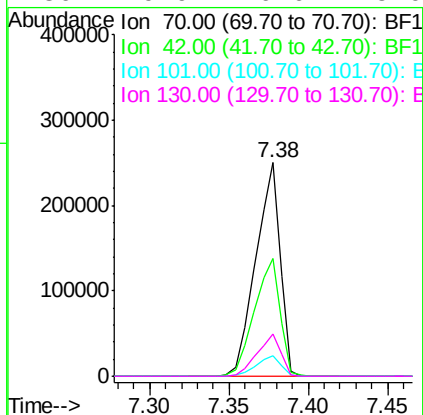
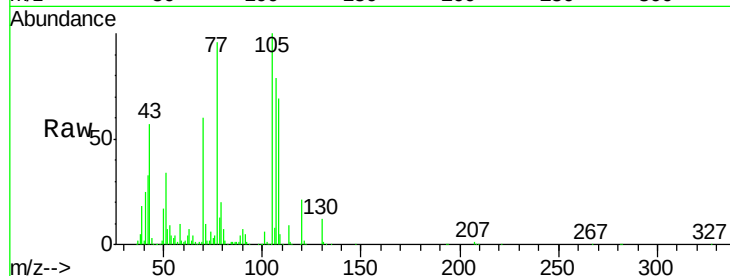




#19
n-Nitroso-di-n-propylamine
Concen: 35.406 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

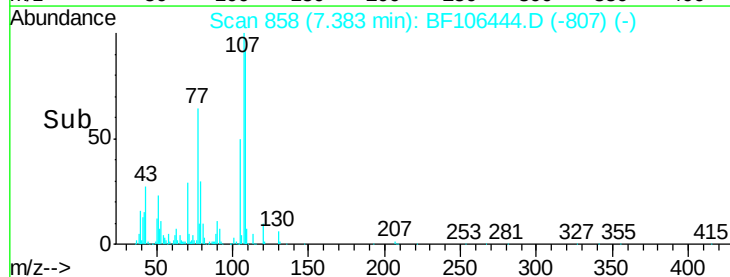
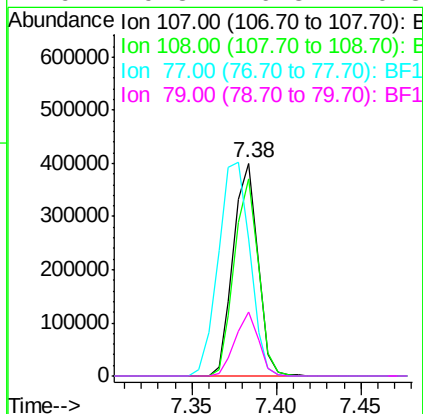
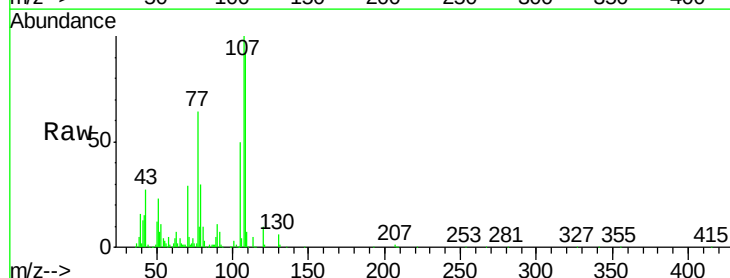
Instrument :
BNA_F
ClientSampleId :

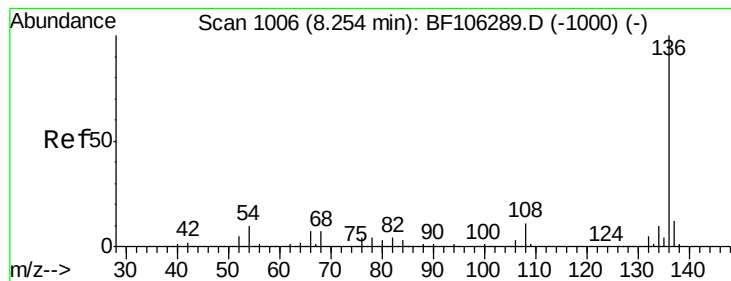
Tot Ion: 70 Resp: 269481
Ion Ratio Lower Upper
70 100
42 54.9 47.5 71.3
101 9.7 7.4 11.2
130 19.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 41.250 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion: 107 Resp: 406414
Ion Ratio Lower Upper
107 100
108 92.5 68.2 108.2
77 64.3 26.7 66.7
79 29.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 519780

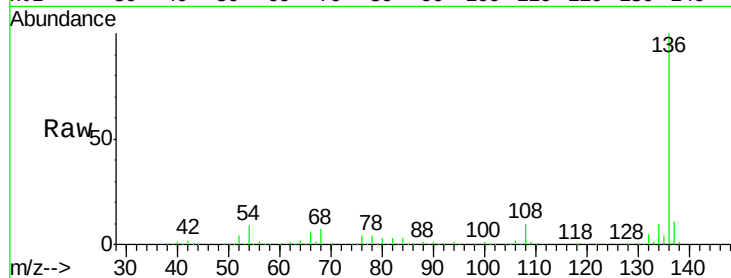
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.3 6.6 9.8

68 6.9 5.0 7.4

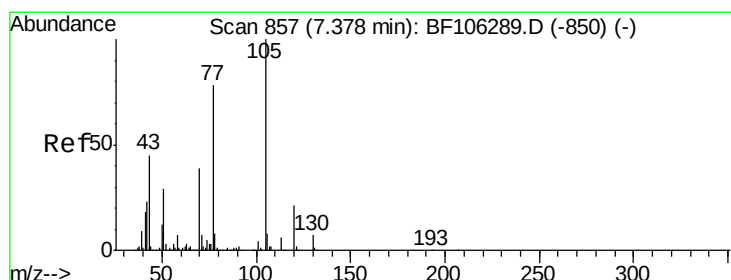
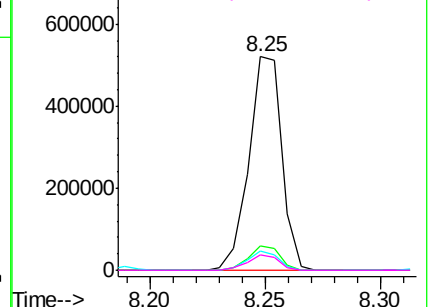
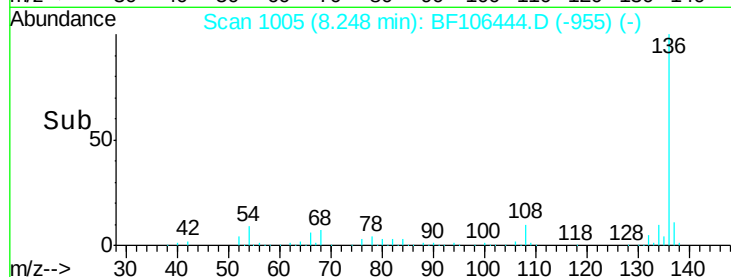


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.005 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Tgt Ion:105 Resp: 537114

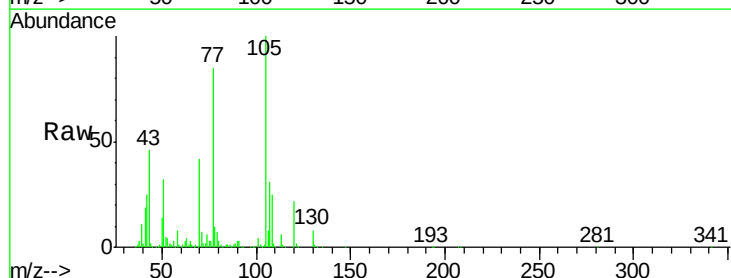
Ion Ratio Lower Upper

105 100

71 7.0 4.4 6.6#

51 31.6 22.3 33.5

120 21.6 16.9 25.3

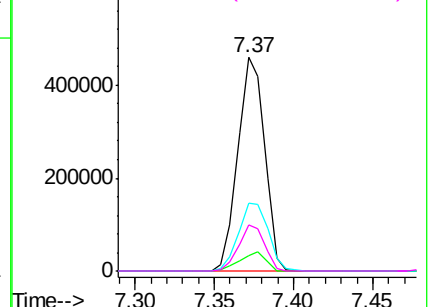
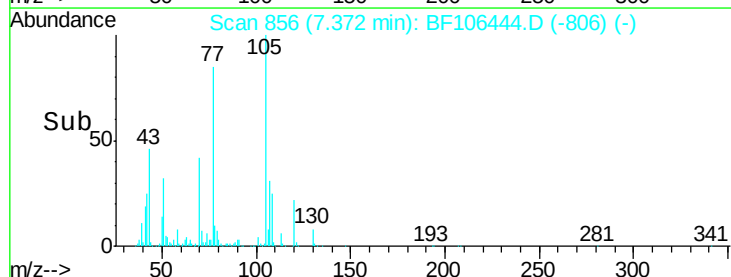


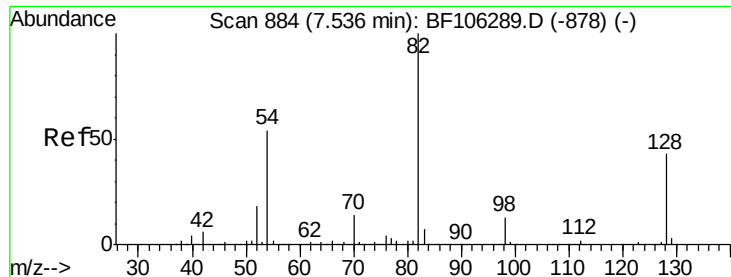
Abundance Ion 105.00 (104.70 to 105.70): E

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

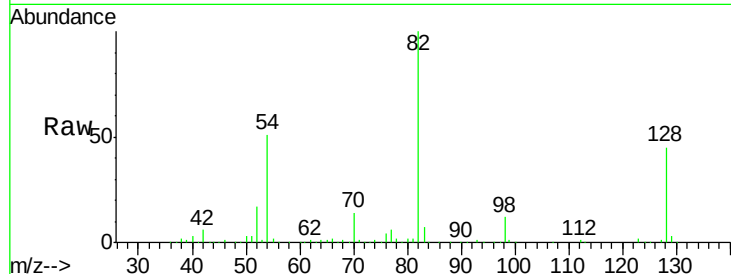




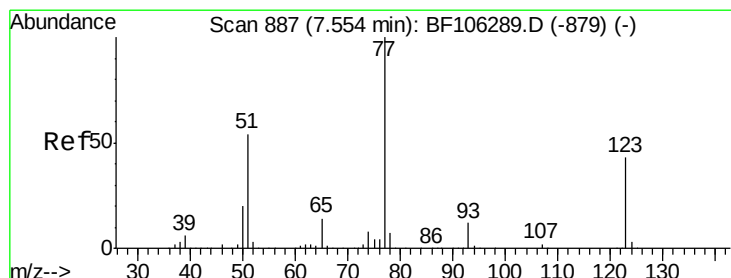
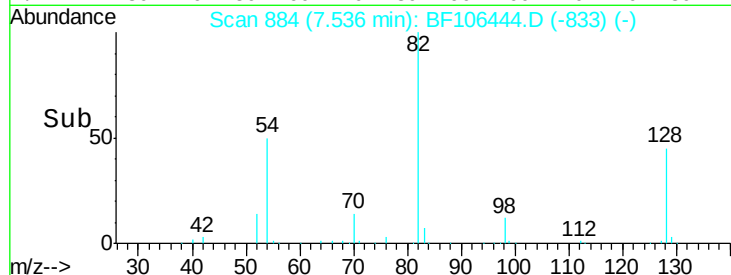
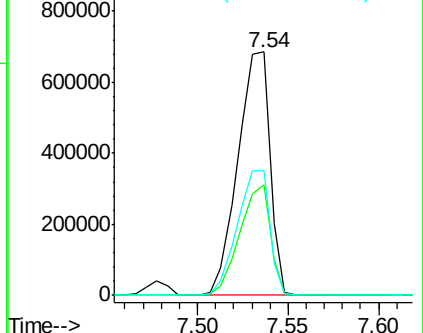
#23
 Nitrobenzene-d5
 Concen: 95.614 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	844798
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	51.0	41.4	62.2

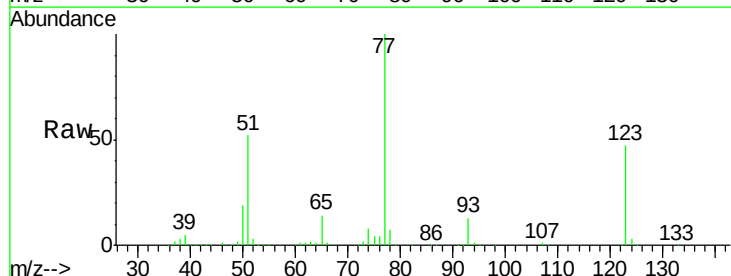


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

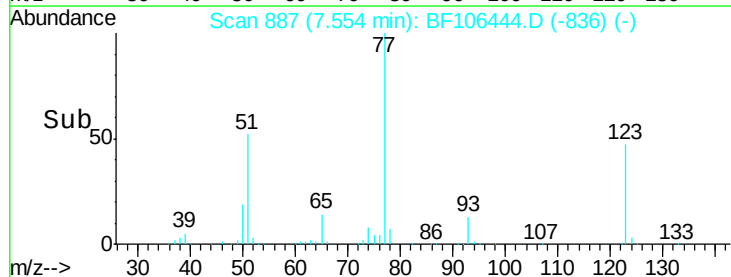
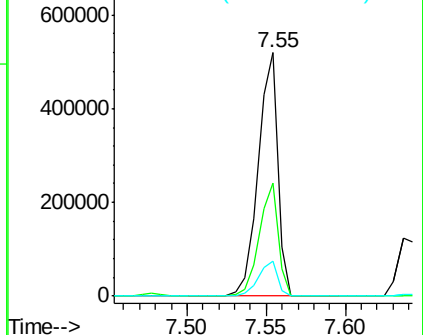


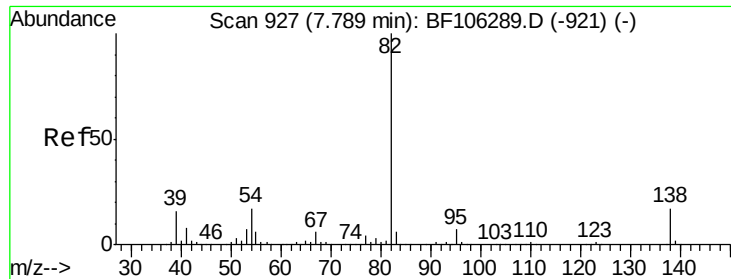
#24
 Nitrobenzene
 Concen: 46.833 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Tgt Ion	77	Resp	449750
Ion Ratio	Lower	Upper	
77	100		
123	46.7	37.9	56.9
65	14.3	11.0	16.4



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





#25

Isophorone

Concen: 46.545 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

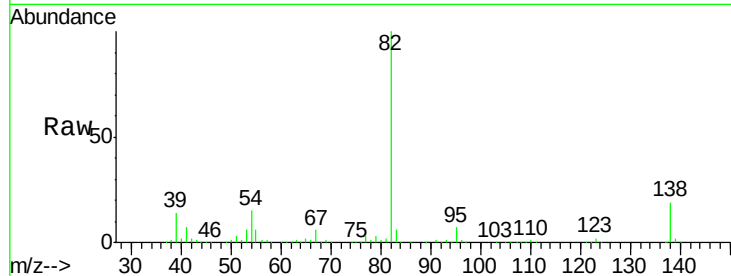
Tot Ion: 82 Resp: 803261

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

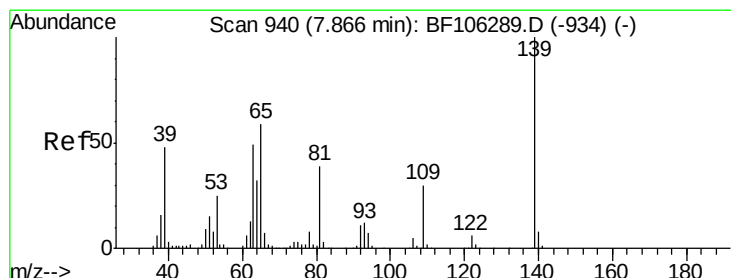
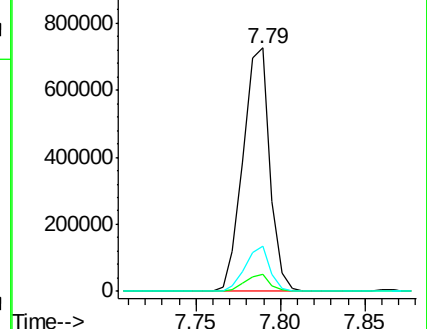
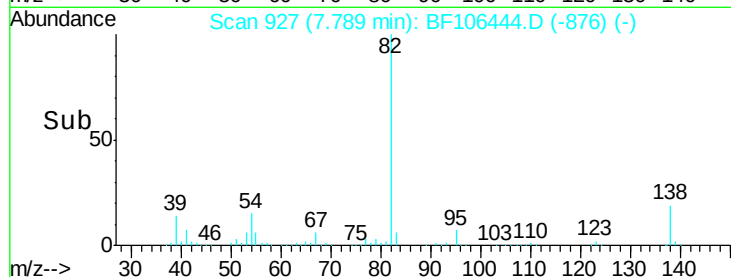
138 18.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 59.477 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

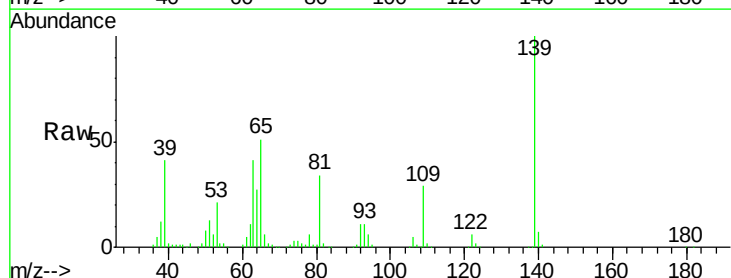
Tgt Ion: 139 Resp: 221701

Ion Ratio Lower Upper

139 100

109 28.8 22.7 34.1

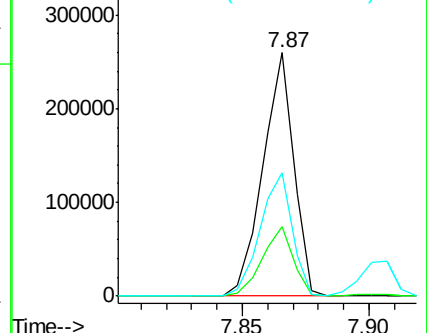
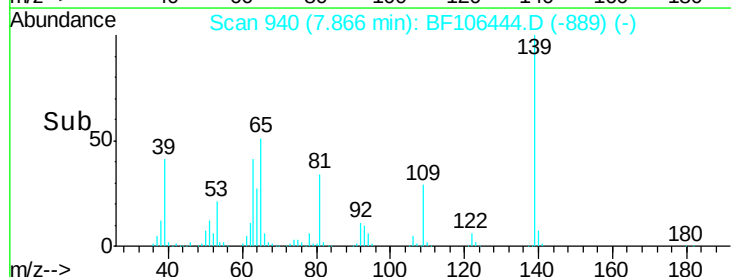
65 50.7 40.5 60.7

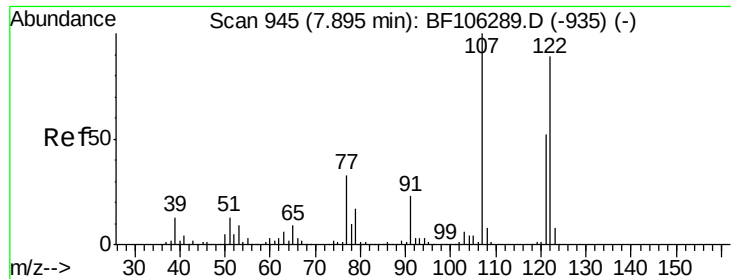


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.156 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampled :

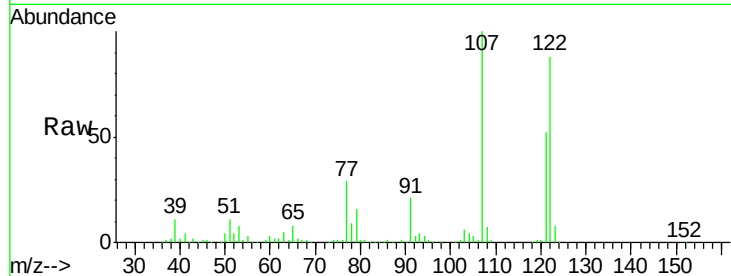
Tot Ion:122 Resp: 351826

Ion Ratio Lower Upper

122 100

107 113.8 91.2 136.8

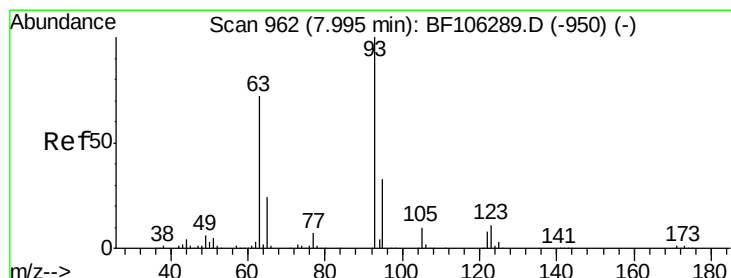
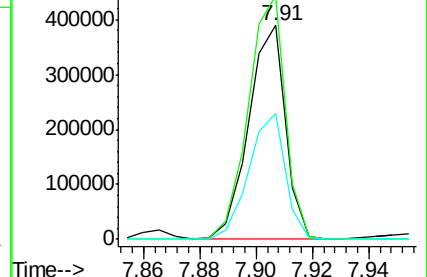
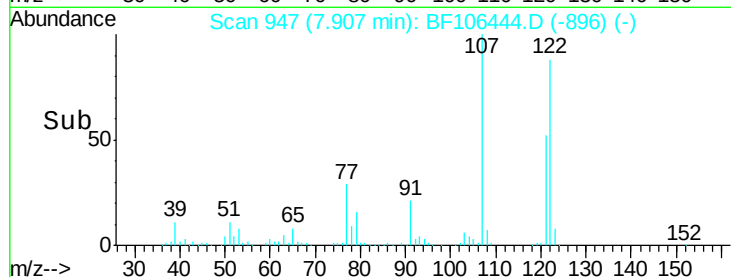
121 58.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.938 ng

RT: 8.00 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

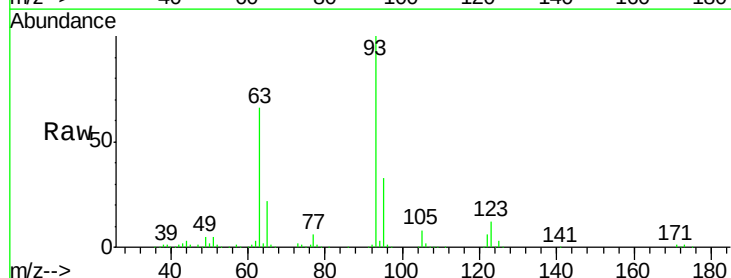
Tgt Ion: 93 Resp: 502868

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

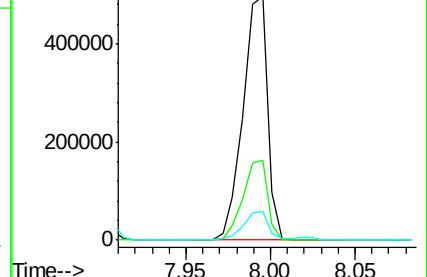
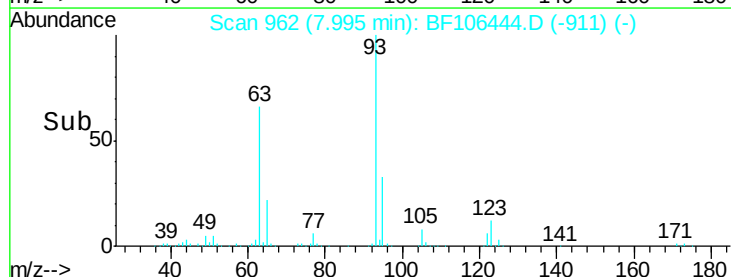
123 11.8 9.8 14.6

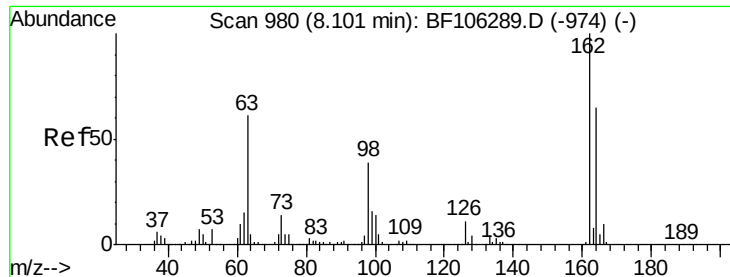


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

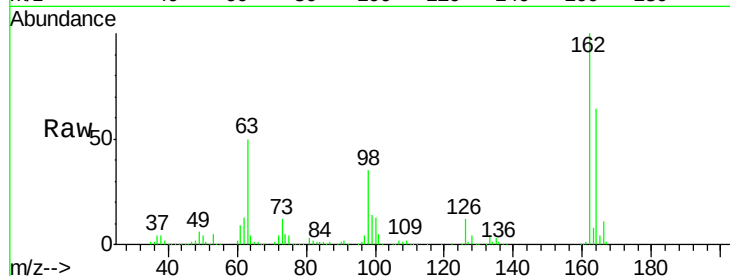




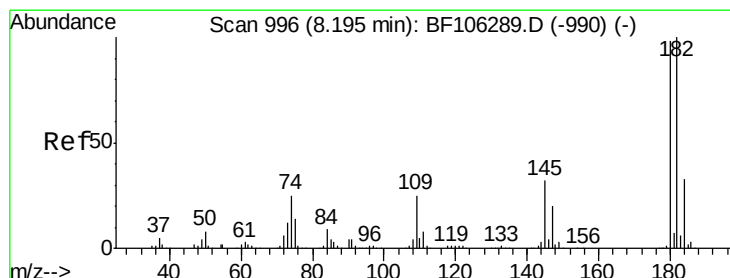
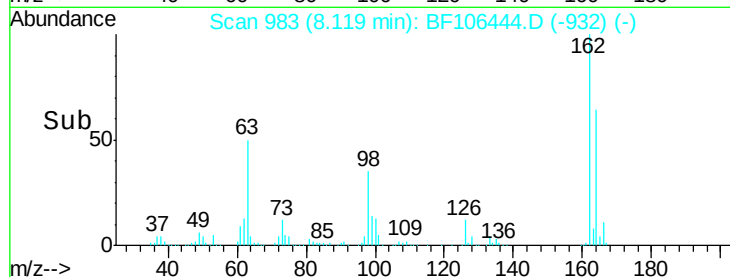
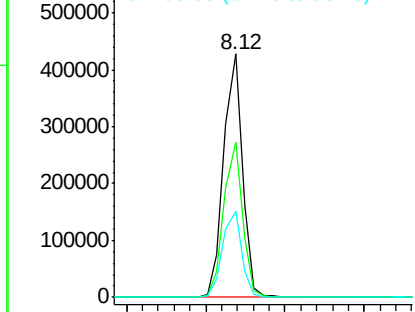
#29
2,4-Dichlorophenol
Concen: 50.153 ng
RT: 8.12 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	35.2	18.1	58.1

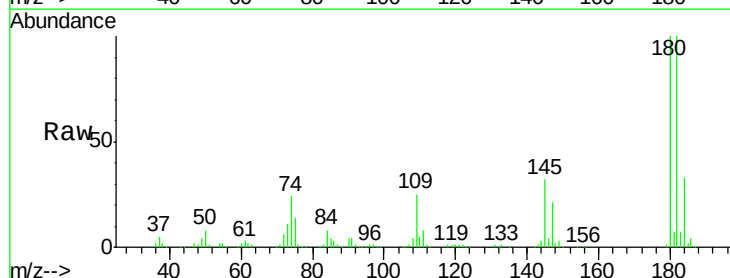


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

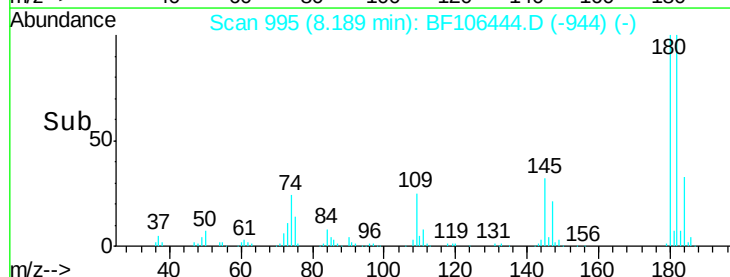
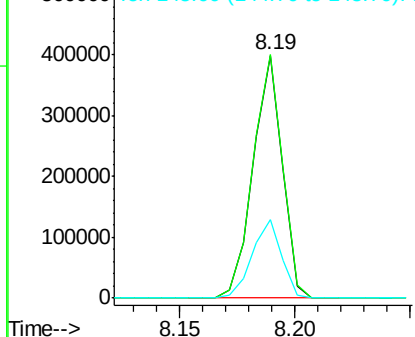


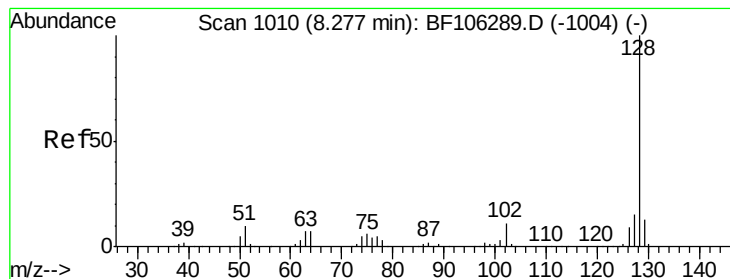
#30
1,2,4-Trichlorobenzene
Concen: 44.789 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	76.8	115.2
145	32.3	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: 45.630 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

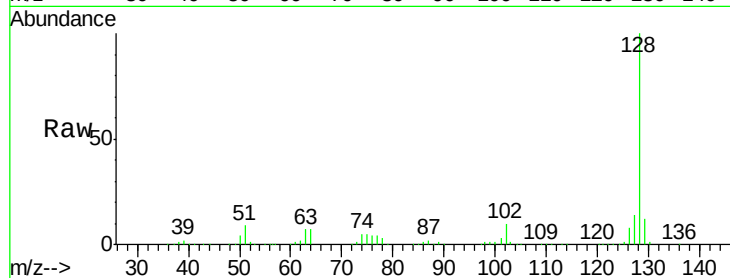
Tot Ion:128 Resp: 1072151

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

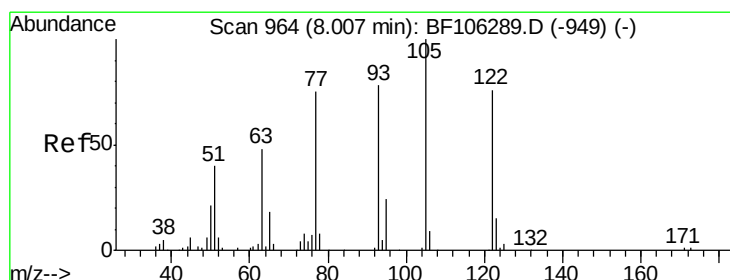
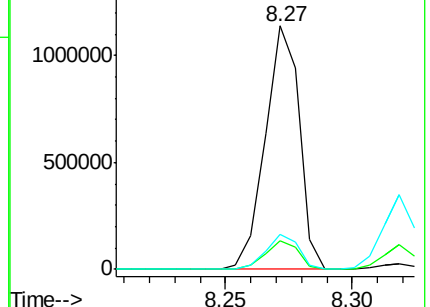
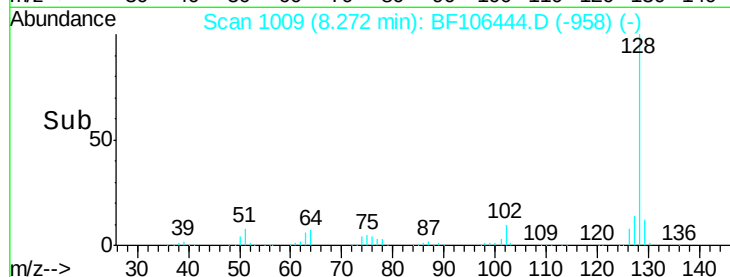
127 14.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.745 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

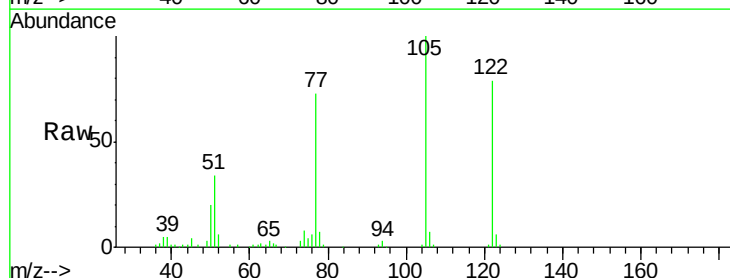
Tgt Ion:122 Resp: 174441

Ion Ratio Lower Upper

122 100

105 126.2 101.1 141.1

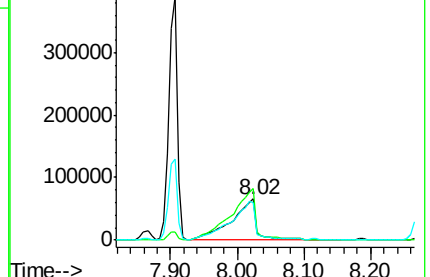
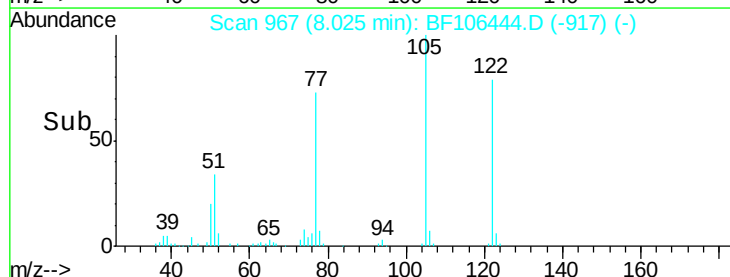
77 92.1 70.7 110.7

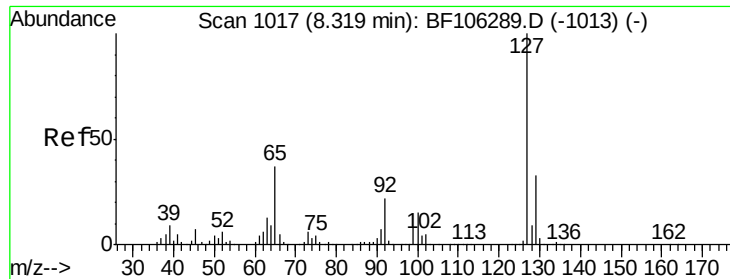


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

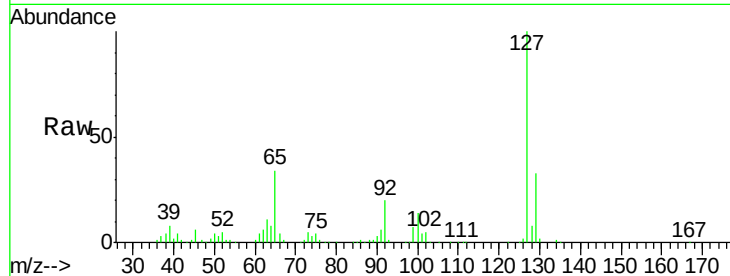




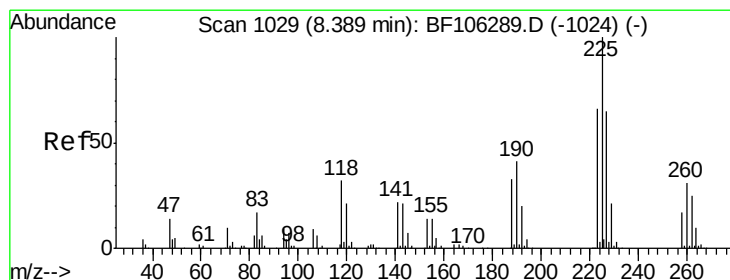
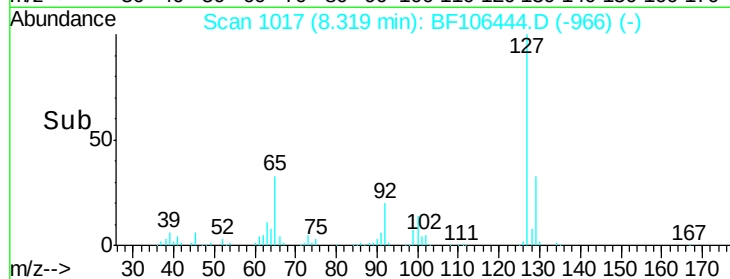
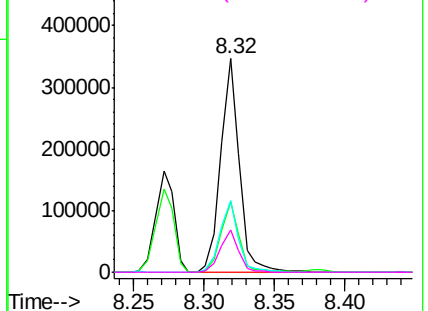
#33
 4-Chloroaniline
 Concen: 30.549 ng
 RT: 8.32 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	127	Resp:	318107
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	33.5	25.0	37.4
92	20.1	15.2	22.8

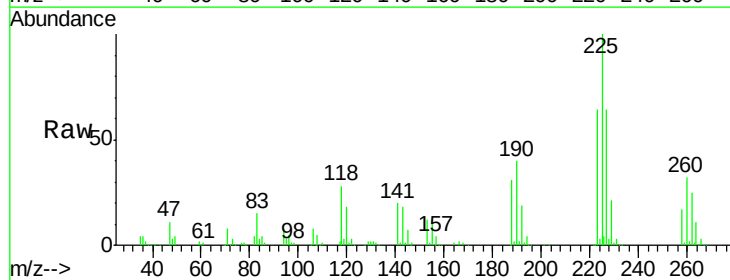


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

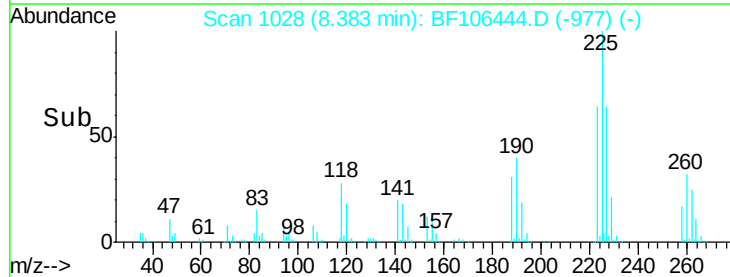
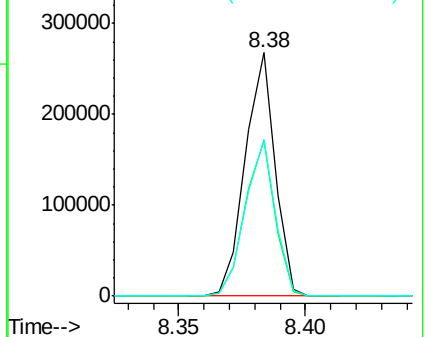


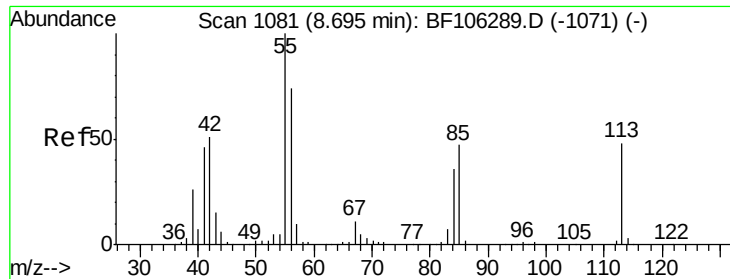
#34
 Hexachlorobutadiene
 Concen: 43.326 ng
 RT: 8.38 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Tgt Ion:	225	Resp:	219976
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.1	51.9	77.9



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

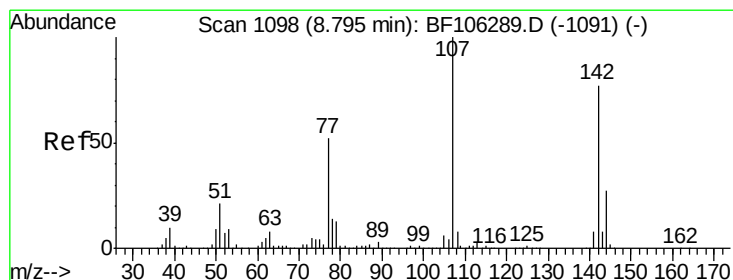
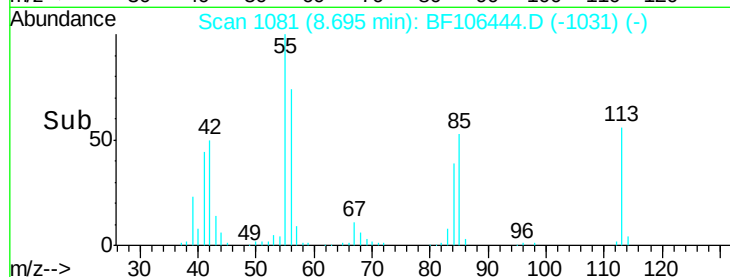
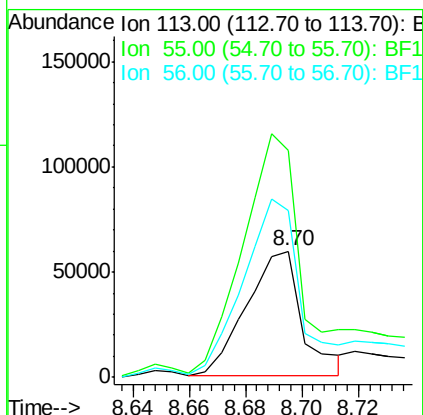
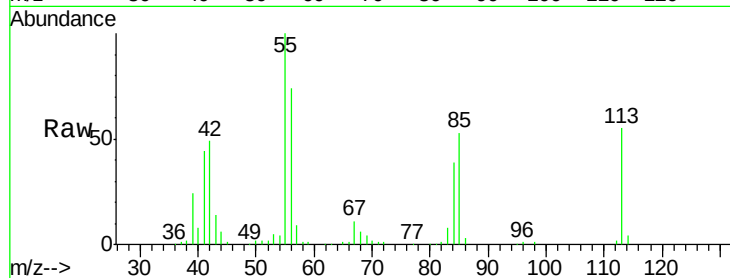




#35
 Caprolactam
 Concen: 33.874 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

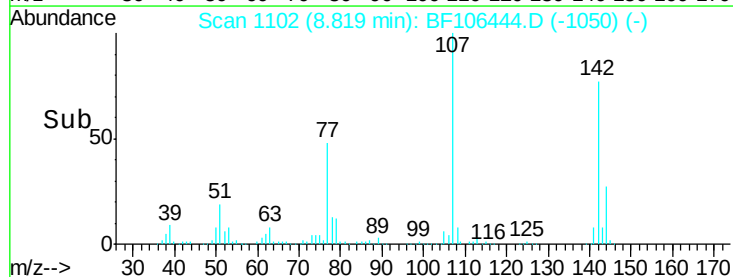
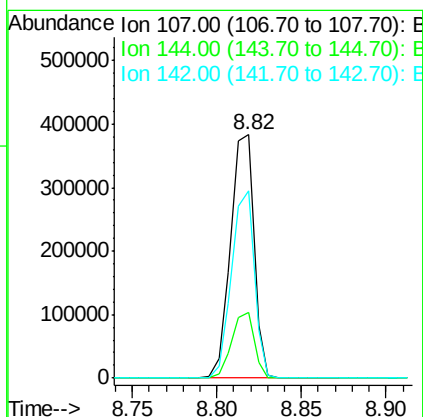
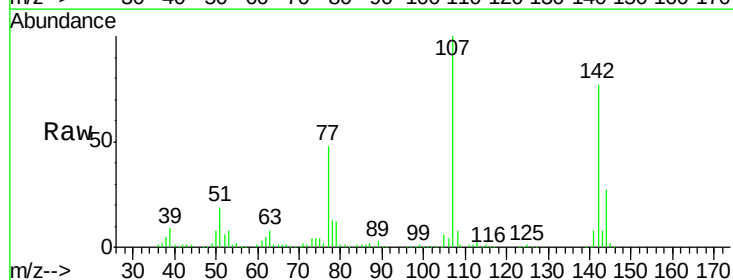
Instrument :
 BNA_F
 ClientSampleId :

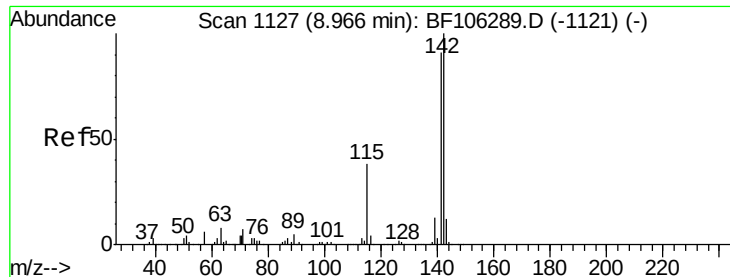
Tot Ion:113 Resp: 80759
 Ion Ratio Lower Upper
 113 100
 55 180.5 163.3 203.3
 56 132.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.482 ng
 RT: 8.82 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Tgt Ion:107 Resp: 370199
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 77.0 62.0 93.0

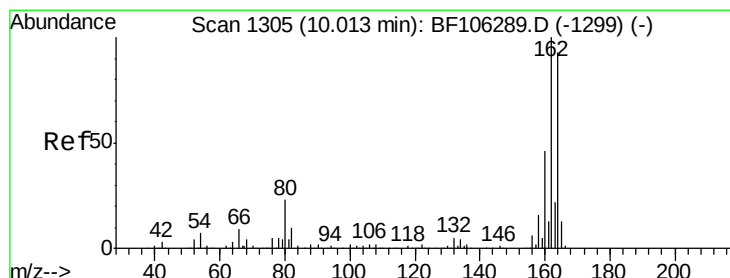
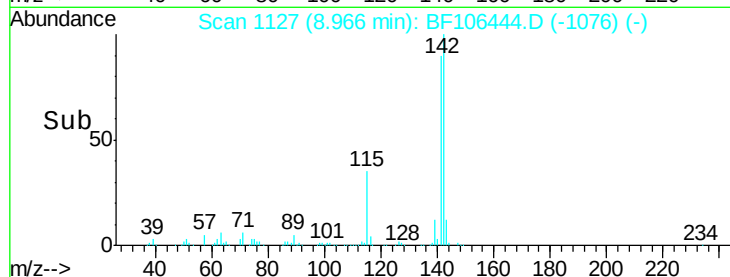
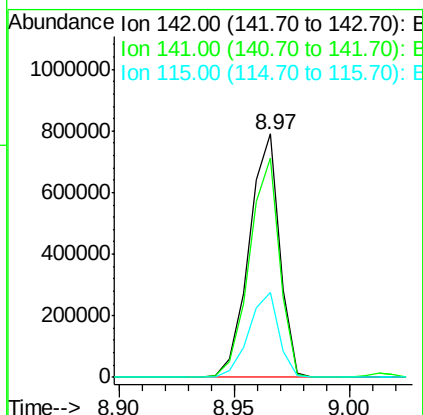
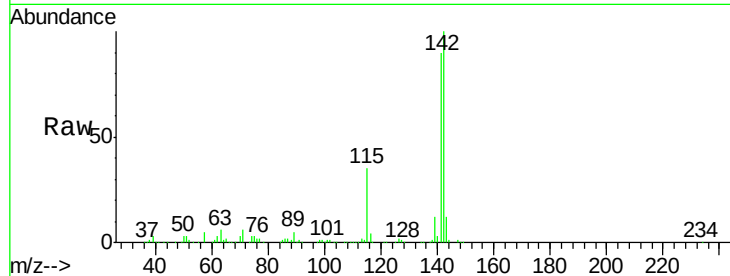




#37
2-Methylnaphthalene
Concen: 45.505 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

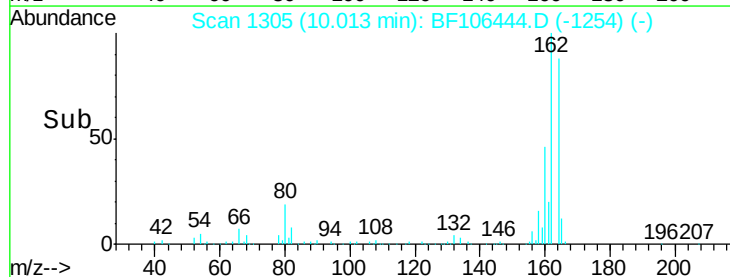
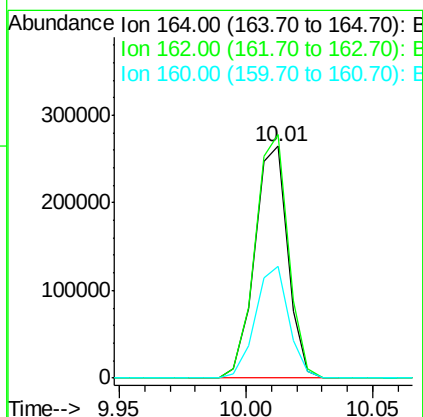
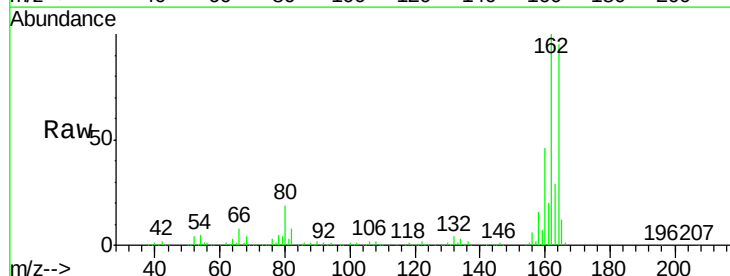
Instrument :
BNA_F
ClientSampleId :

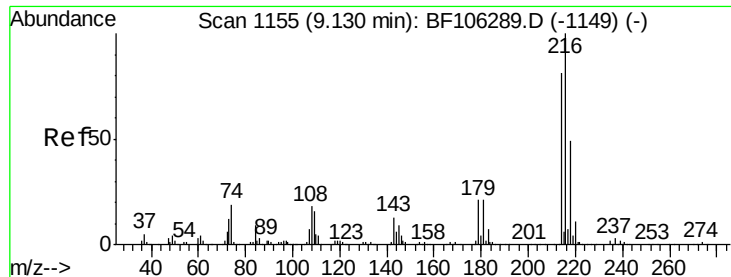
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	34.8	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	48.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.530 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 366073

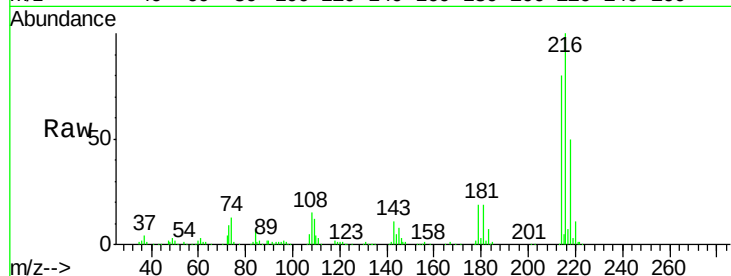
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 19.9 18.1 27.1

108 18.3 17.2 25.8

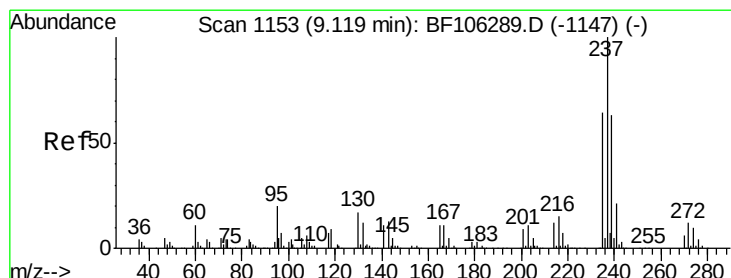
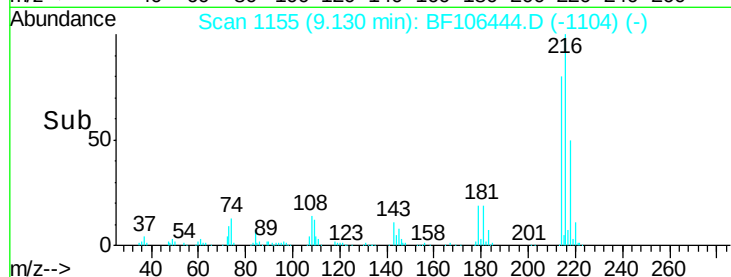
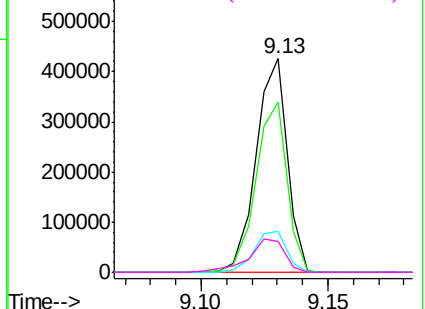


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 61.746 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

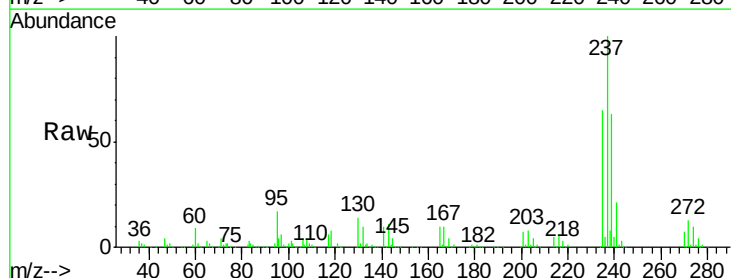
Tgt Ion:237 Resp: 268024

Ion Ratio Lower Upper

237 100

235 64.6 44.8 84.8

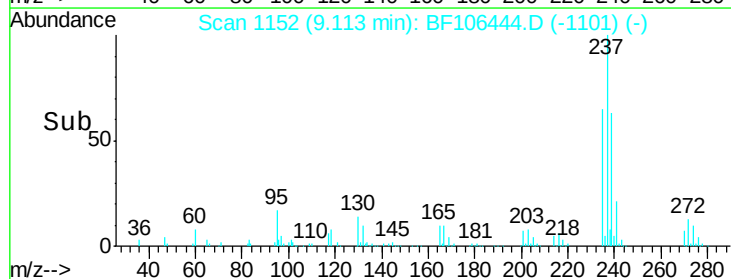
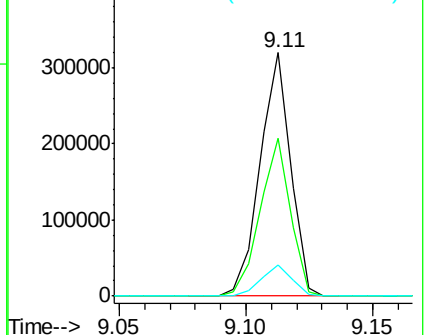
272 12.9 0.0 33.3

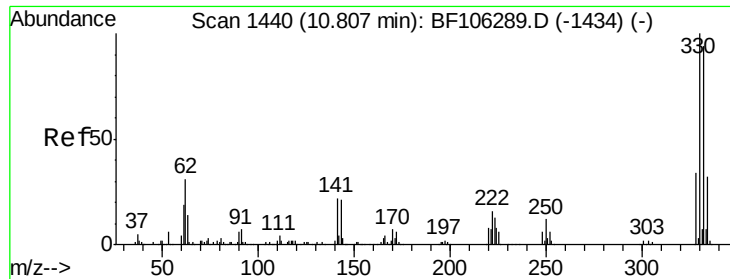


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

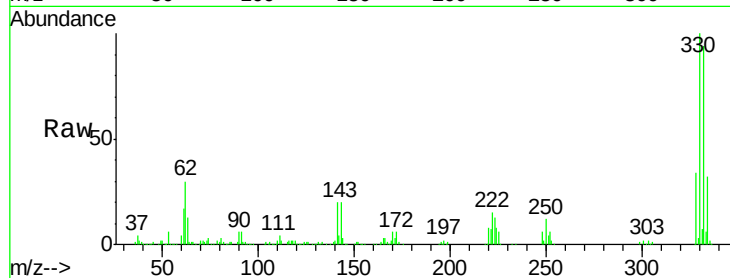




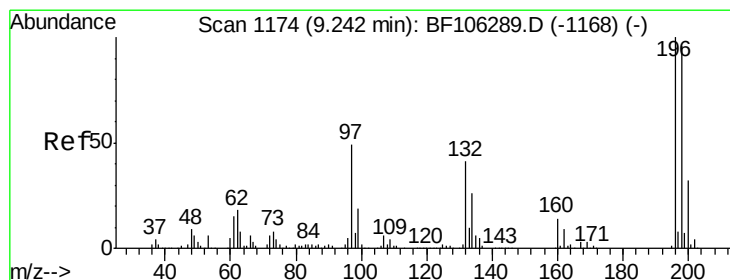
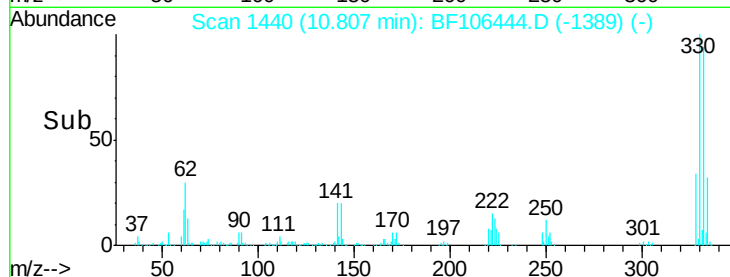
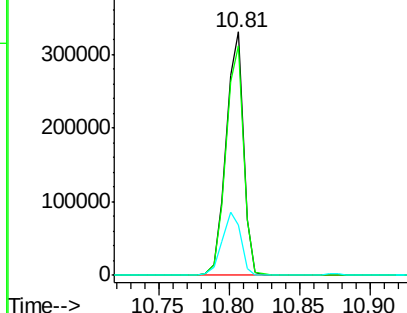
#41
 2,4,6-Tribromophenol
 Concen: 121.460 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	27.7	29.9	44.9

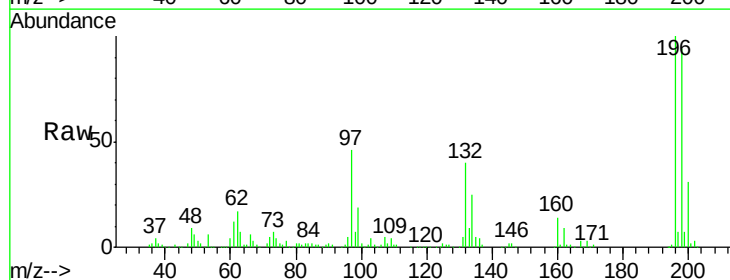


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

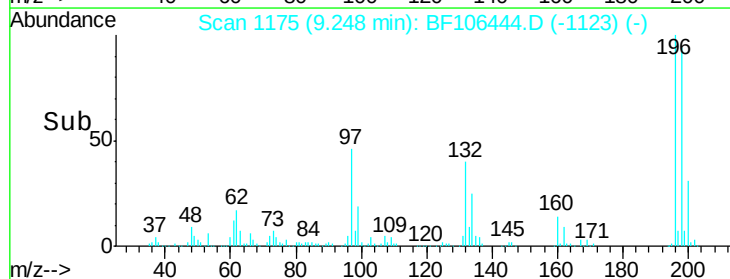
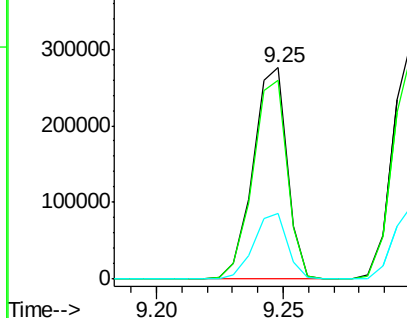


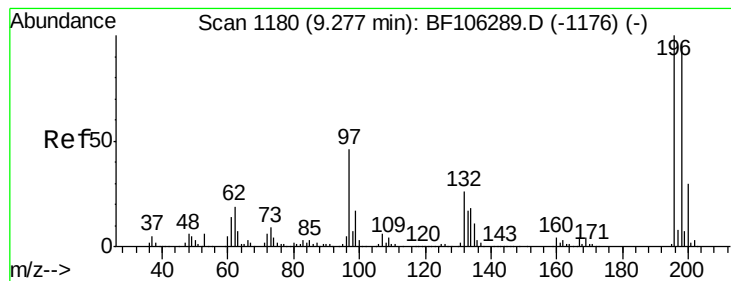
#42
 2,4,6-Trichlorophenol
 Concen: 51.908 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
200	31.0	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 50.747 ng

RT: 9.30 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 274288

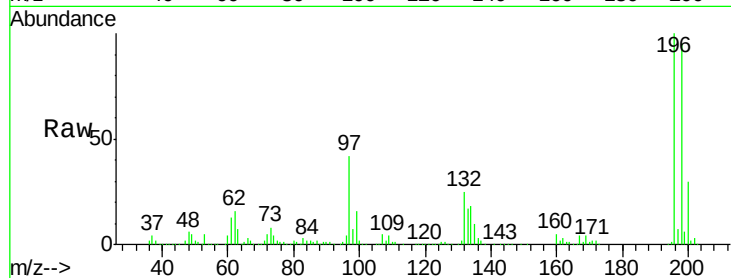
Ion Ratio Lower Upper

196 100

198 94.9 74.6 112.0

97 42.5 42.9 64.3#

132 25.2 26.3 39.5#

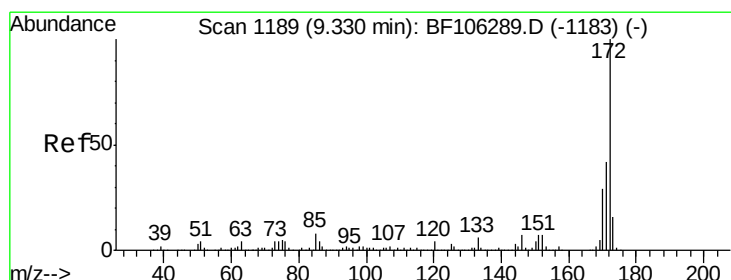
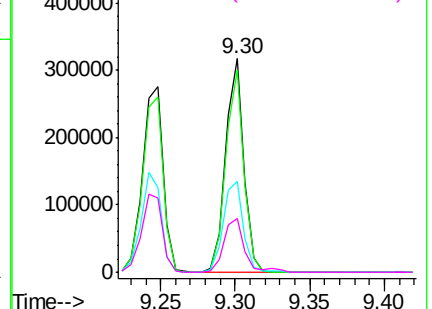
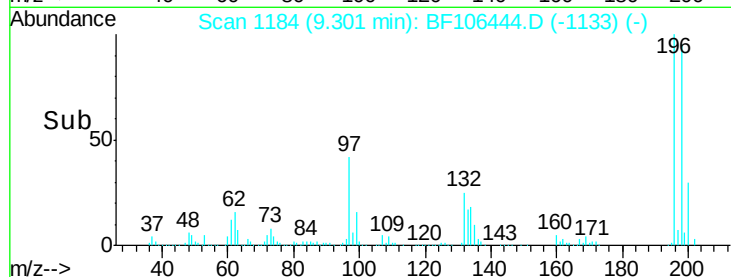


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 86.025 ng

RT: 9.32 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

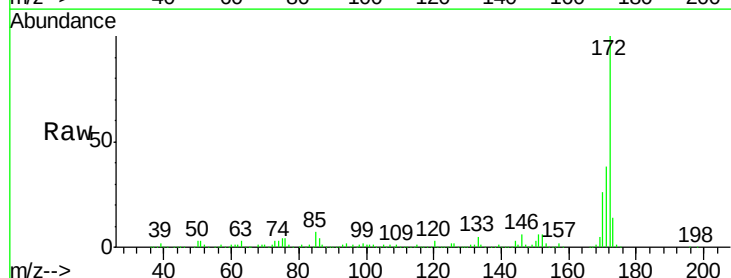
Tgt Ion:172 Resp: 1169514

Ion Ratio Lower Upper

172 100

171 38.2 29.7 44.5

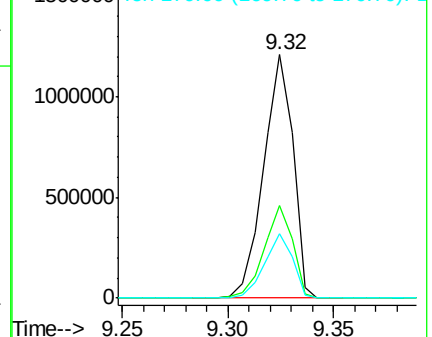
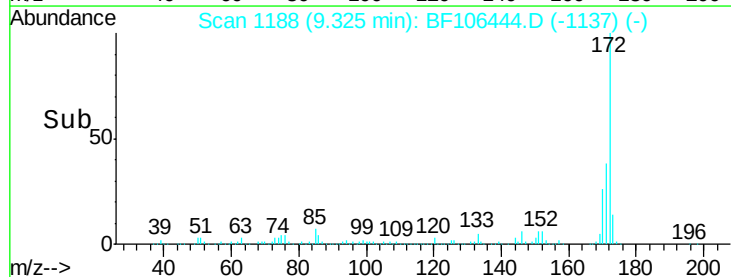
170 26.2 19.6 29.4

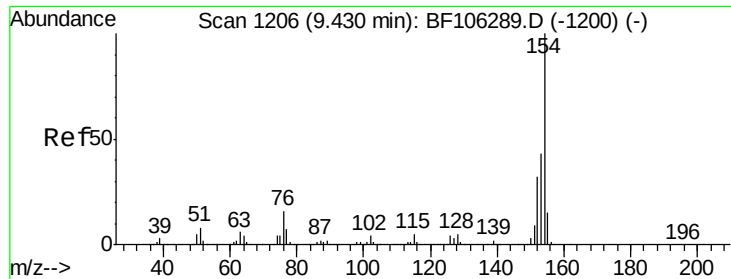


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

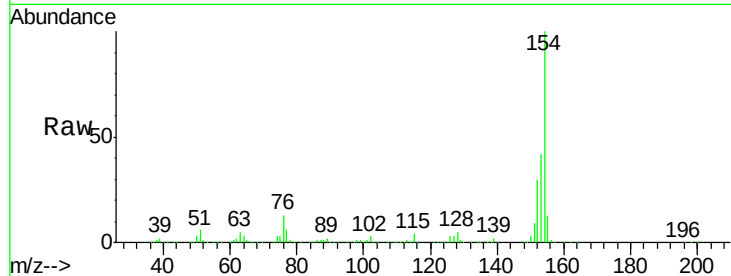




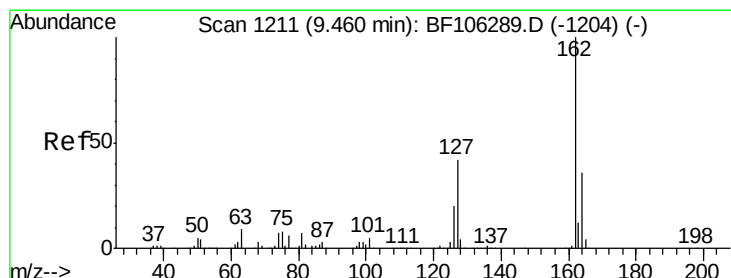
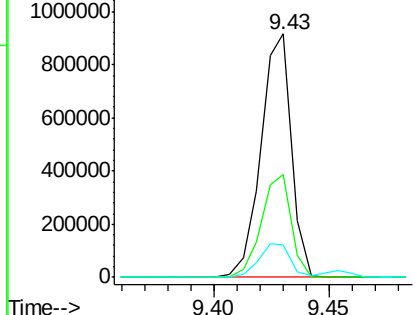
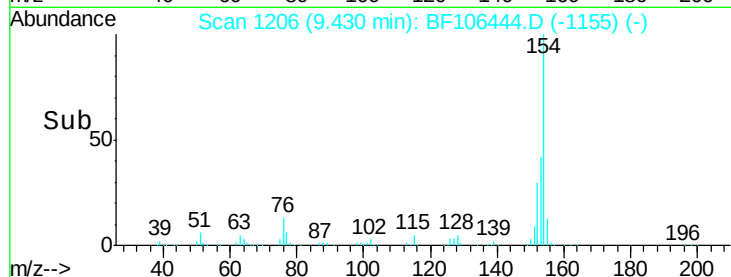
#45
 1,1'-Biphenyl
 Concen: 44.706 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.3	61.3
76	13.1	0.0	34.0

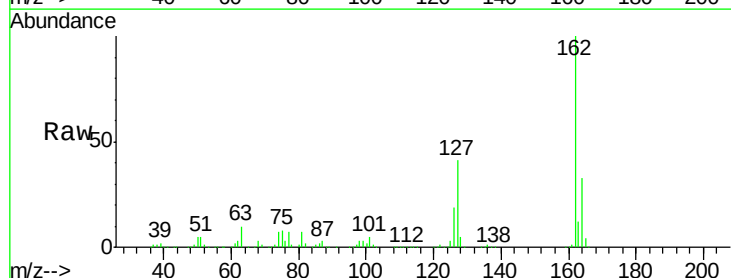


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

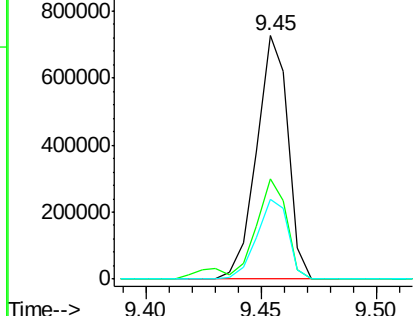
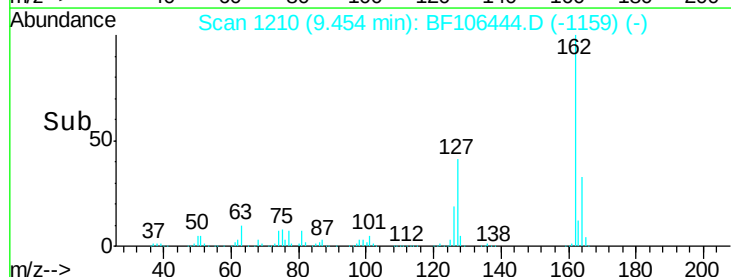


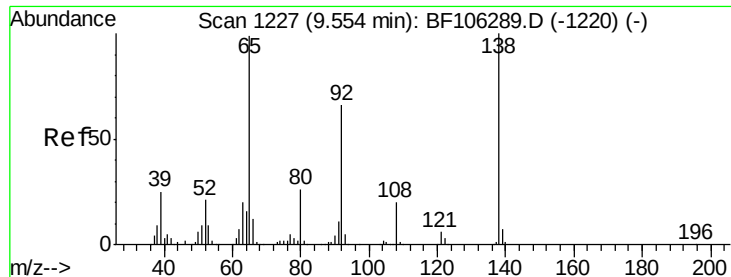
#46
 2-Chloronaphthalene
 Concen: 45.774 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	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

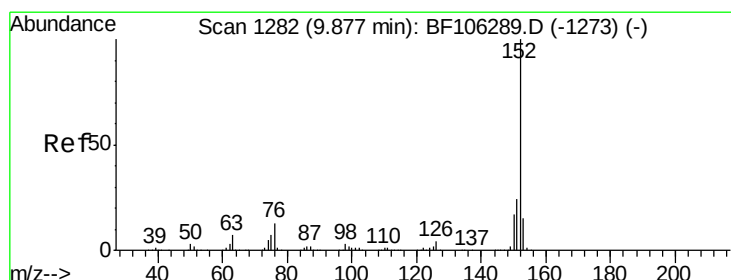
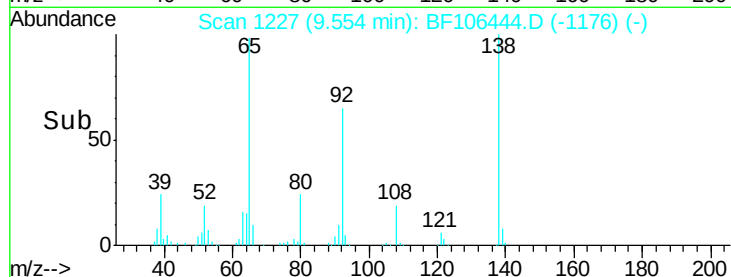
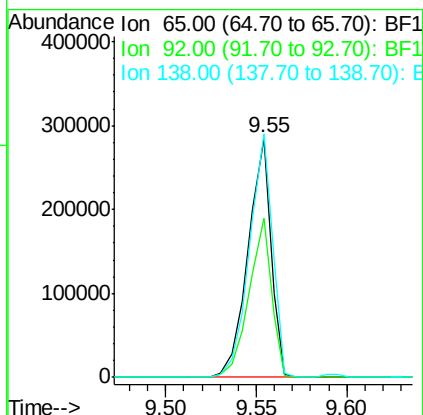
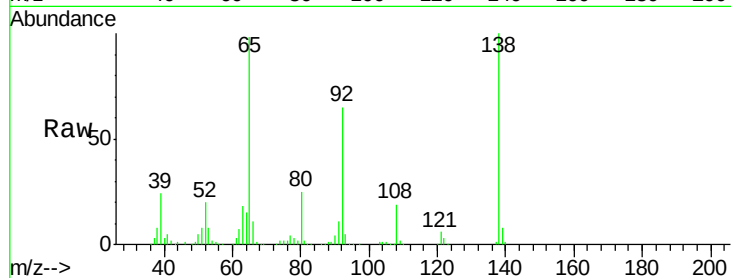




#47
2-Nitroaniline
Concen: 53.354 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

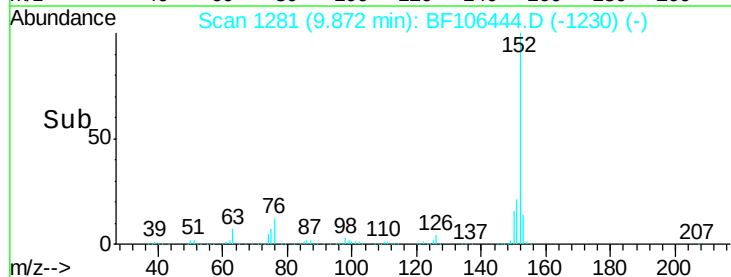
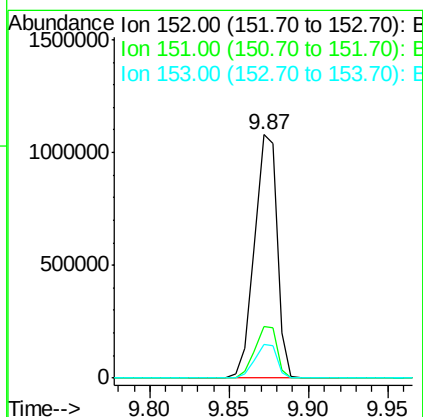
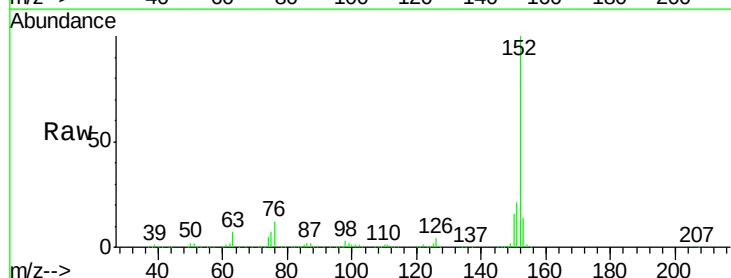
Instrument :
BNA_F
ClientSampleId :

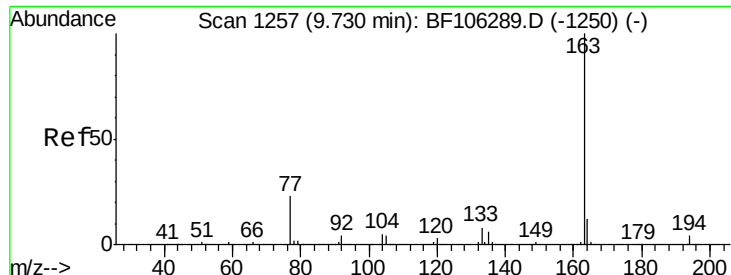
Tot Ion	Ratio	Lower	Upper
65	100		
92	66.4	55.8	83.6
138	101.9	91.2	136.8



#48
Acenaphthylene
Concen: 46.776 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	14.1	10.7	16.1

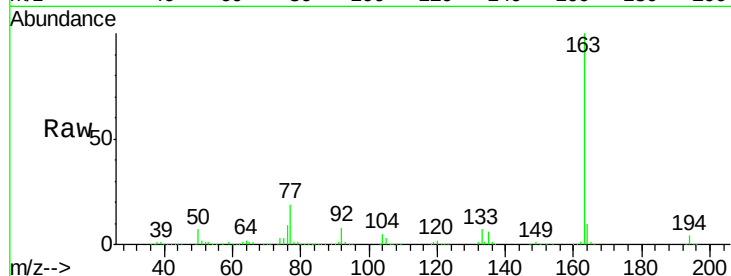




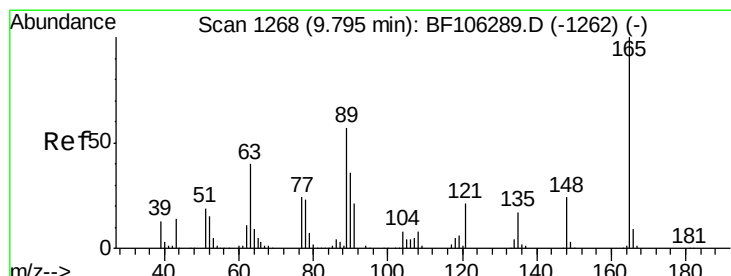
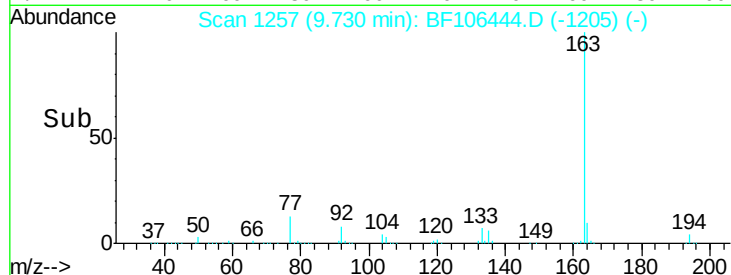
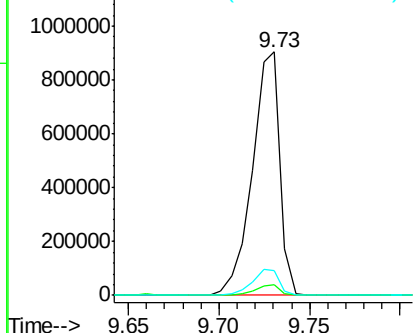
#49
Dimethylphthalate
Concen: 55.011 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 952499
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.9 8.2 12.2

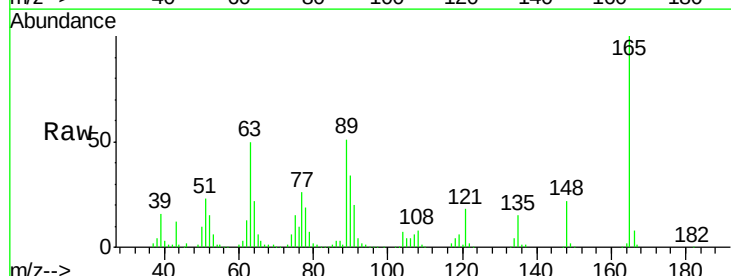


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

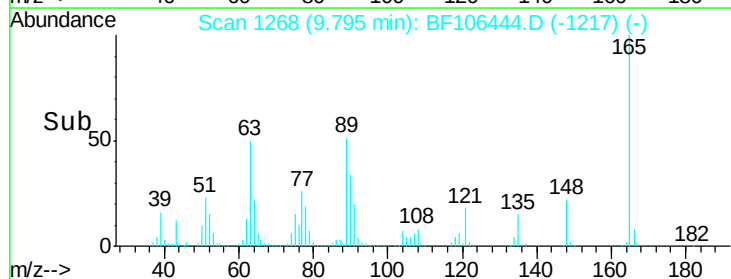
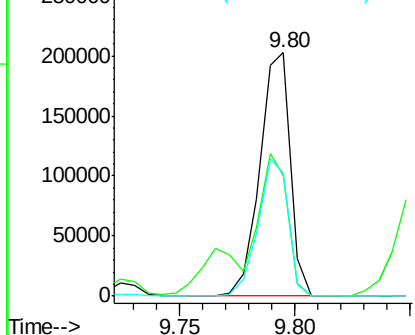


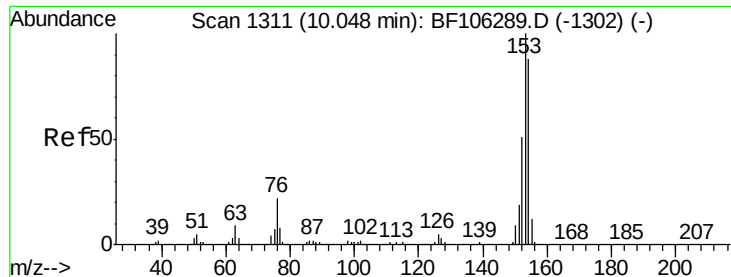
#50
2,6-Dinitrotoluene
Concen: 52.738 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion:165 Resp: 186524
Ion Ratio Lower Upper
165 100
63 49.5 44.7 67.1
89 50.6 44.0 66.0



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

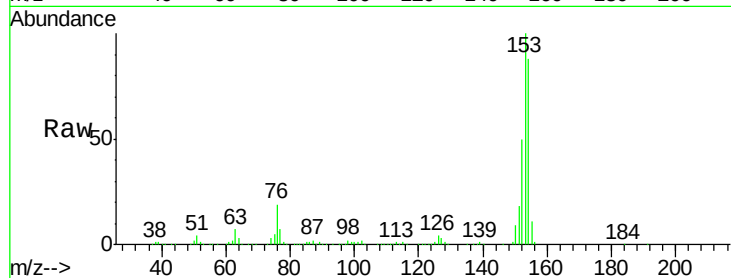




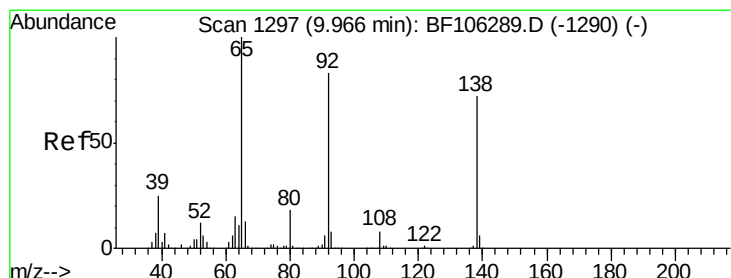
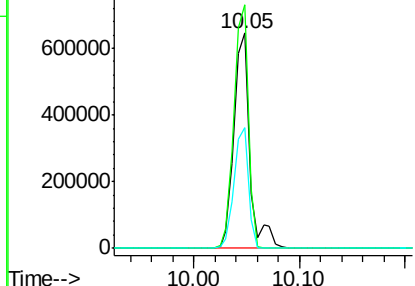
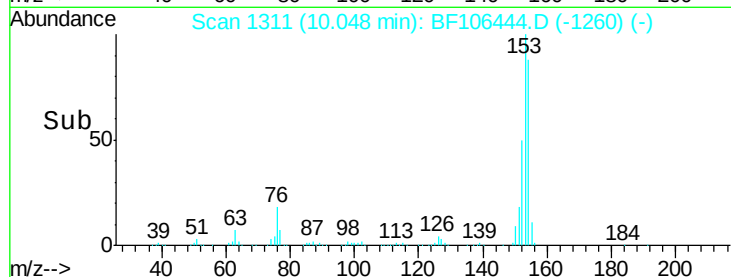
#51
Acenaphthene
Concen: 45.206 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 671277
Ion Ratio Lower Upper
154 100
153 113.0 91.2 136.8
152 56.2 43.8 65.8

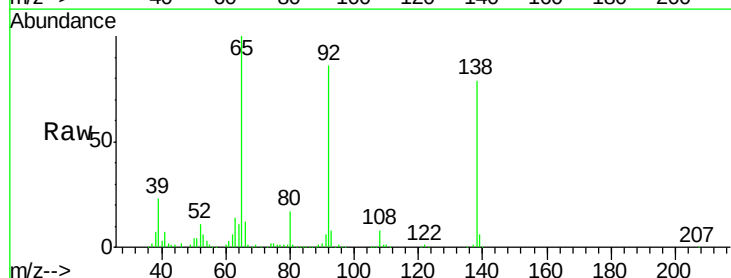


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

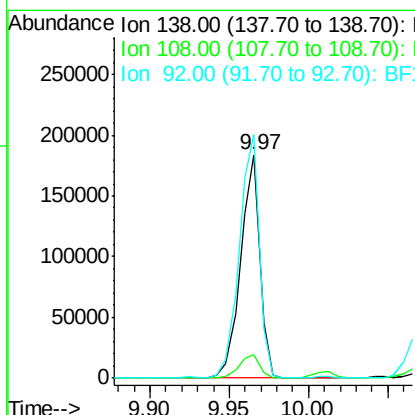
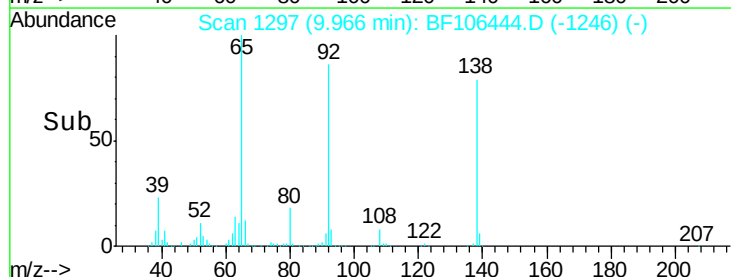


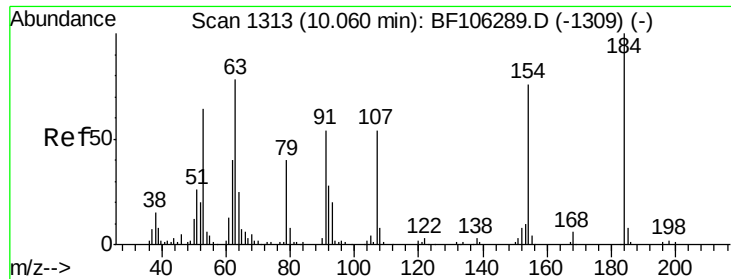
#52
3-Nitroaniline
Concen: 36.782 ng
RT: 9.97 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion:138 Resp: 154405
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 108.9 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

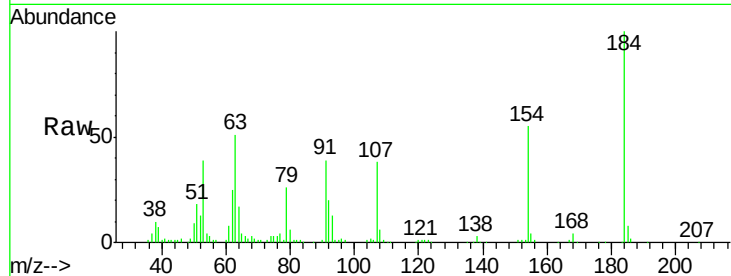




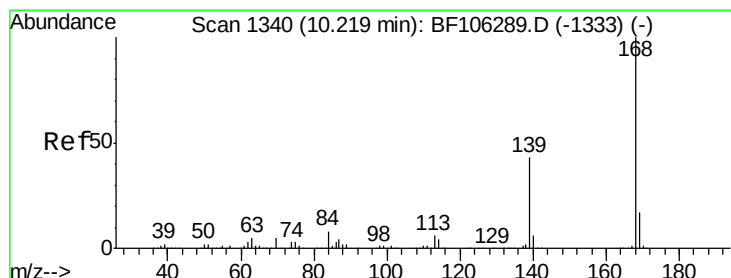
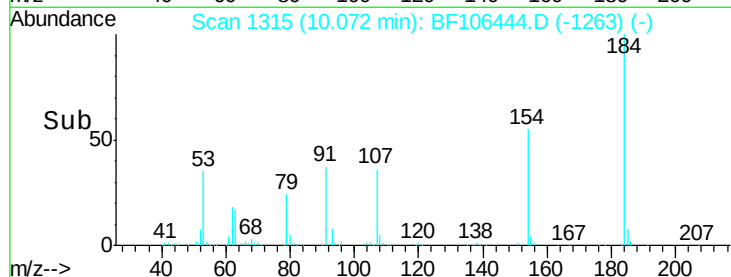
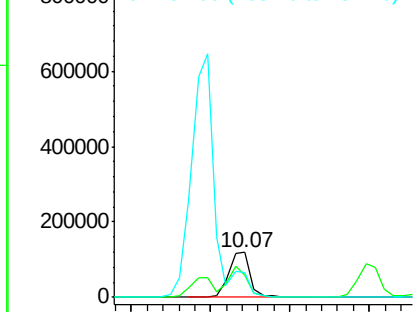
#53
2,4-Dinitrophenol
Concen: 71.399 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 114255
Ion Ratio Lower Upper
184 100
63 50.7 54.2 81.2#
154 55.3 184.0 276.0#

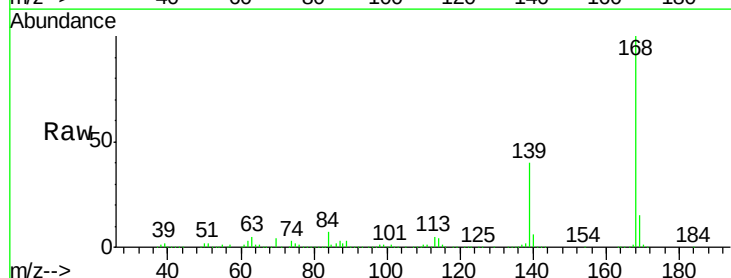


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

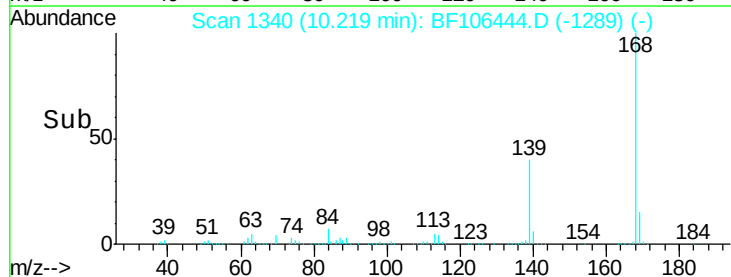
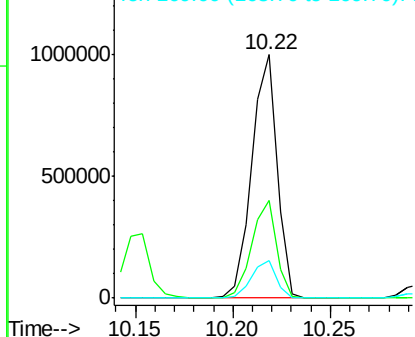


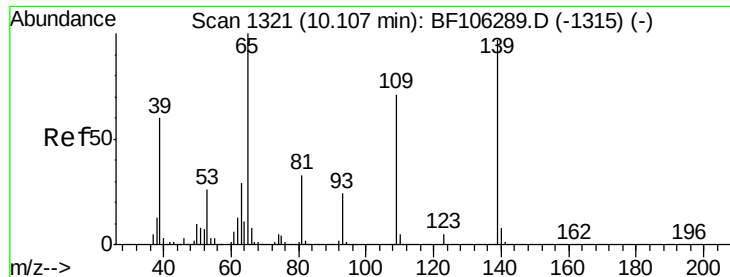
#54
Dibenzofuran
Concen: 44.838 ng
RT: 10.22 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion:168 Resp: 896569
Ion Ratio Lower Upper
168 100
139 40.0 30.1 45.1
169 15.4 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

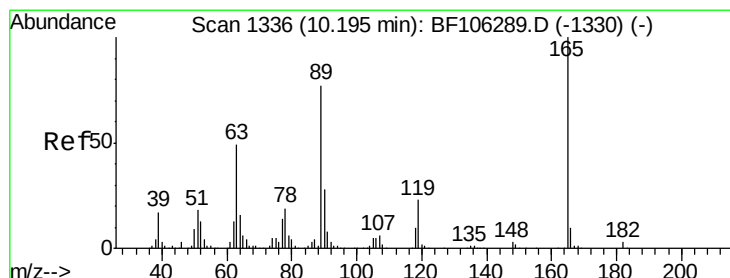
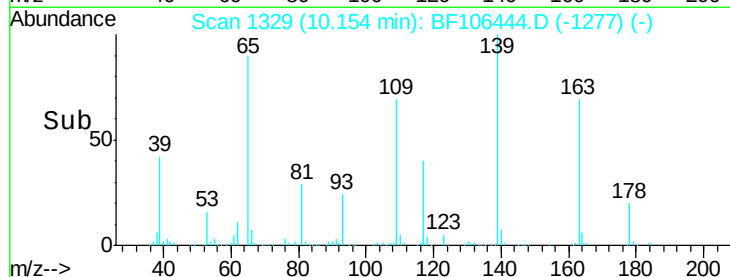
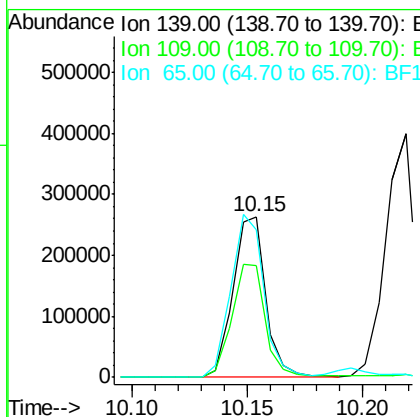
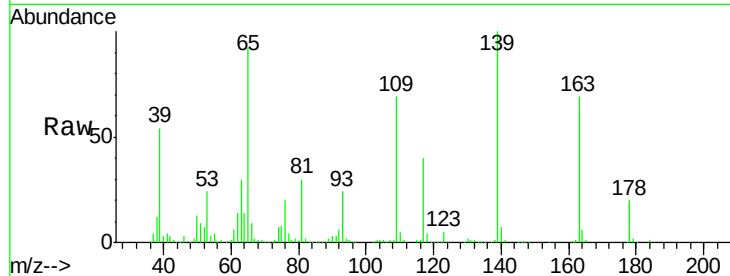




#55
4-Nitrophenol
Concen: 81.117 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

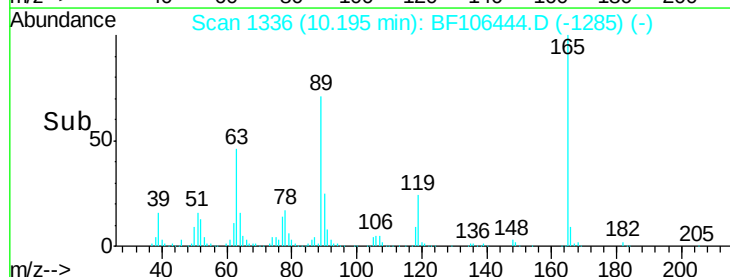
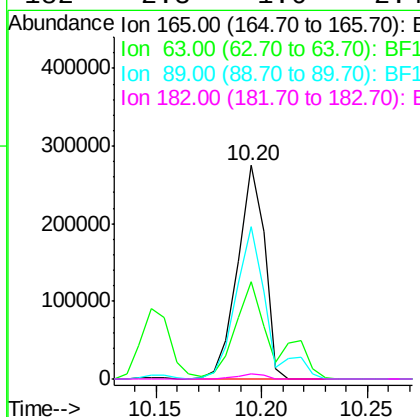
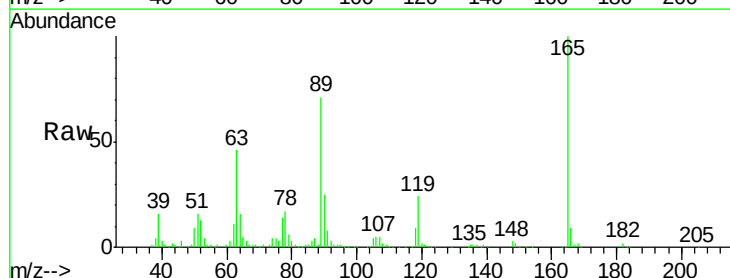
Instrument :
BNA_F
ClientSampled :

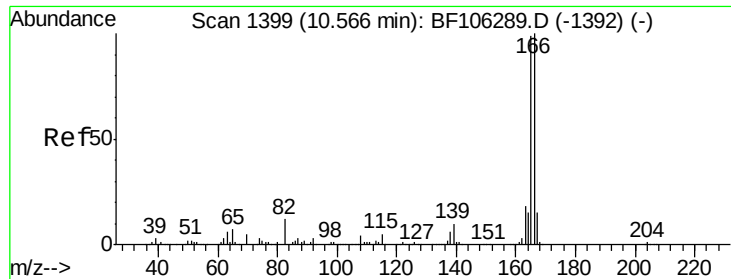
Tot Ion:139 Resp: 261003
Ion Ratio Lower Upper
139 100
109 69.3 48.4 88.4
65 91.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 54.982 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion:165 Resp: 244196
Ion Ratio Lower Upper
165 100
63 45.7 36.4 54.6
89 71.4 57.8 86.6
182 2.3 1.6 2.4

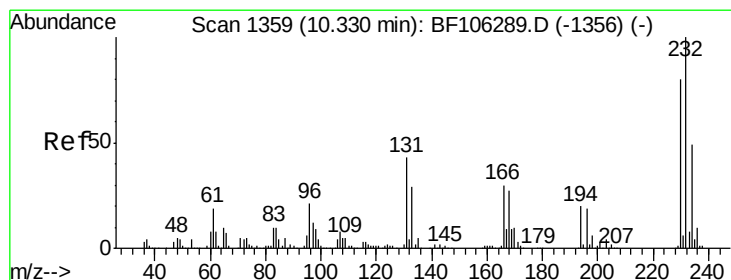
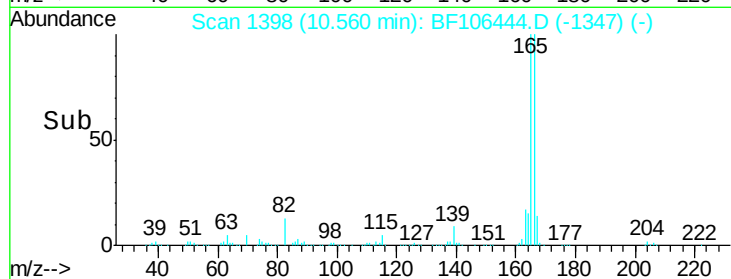
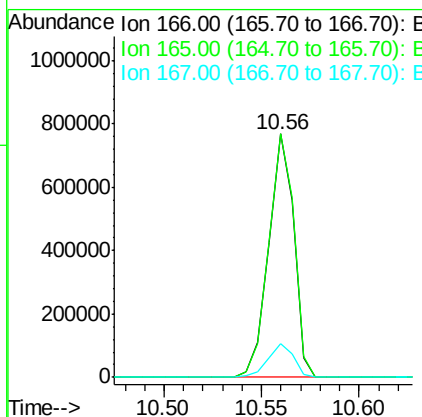
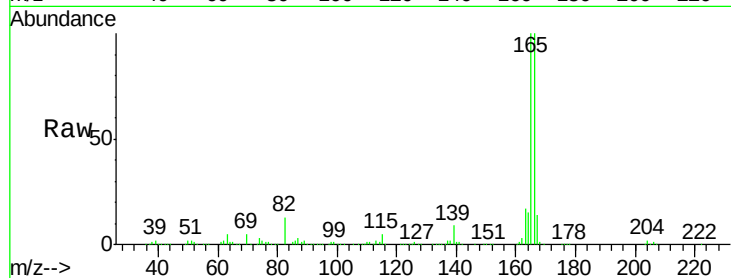




#57
 Fluorene
 Concen: 43.362 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

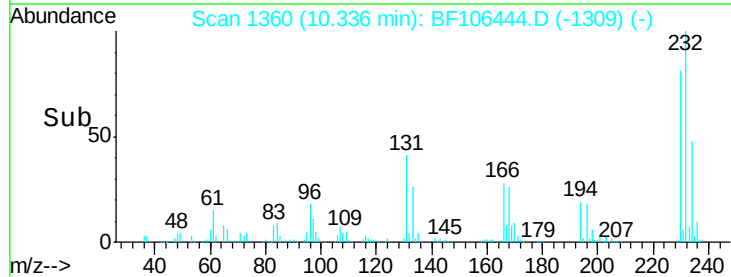
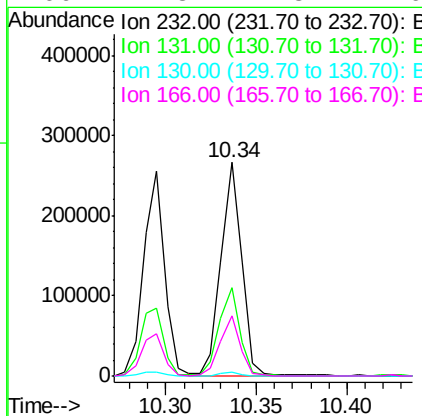
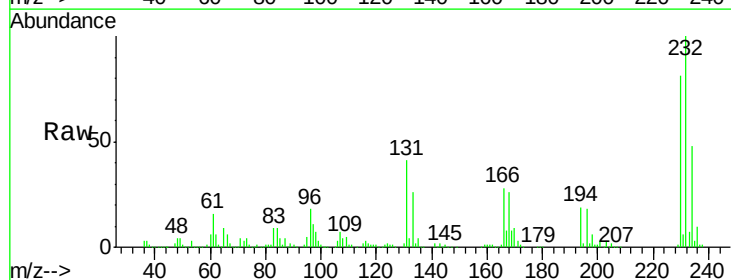
Instrument :
 BNA_F
 ClientSampleId :

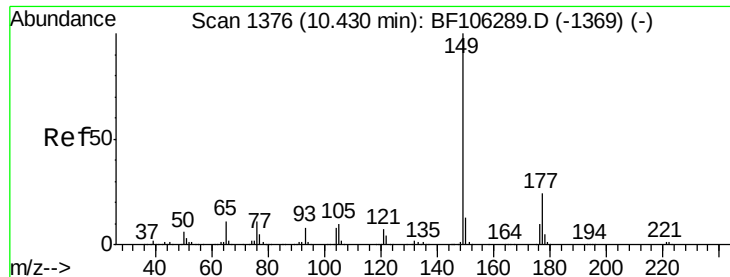
Tot Ion	166	Resp	686969
Ion Ratio	100	Lower	Upper
166	100	79.8	119.8
165	100.0	10.6	16.0
167	13.6		



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.954 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Tgt Ion	232	Resp	214000
Ion Ratio	100	Lower	Upper
232	100	43.8	65.8#
131	41.2	2.1	3.1#
130	1.9		
166	27.3	27.8	41.6#

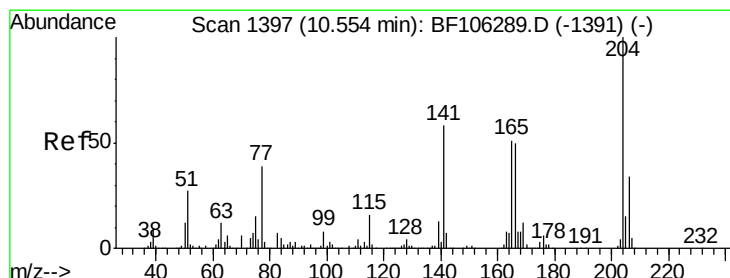
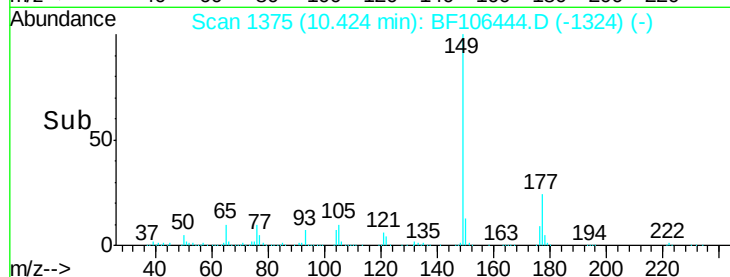
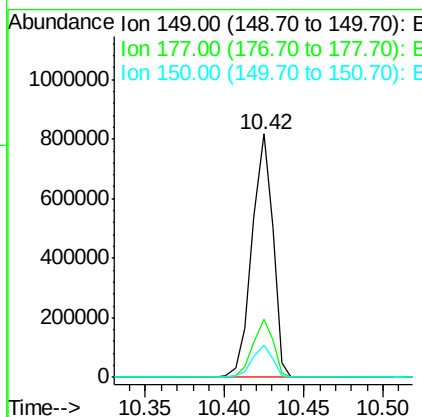
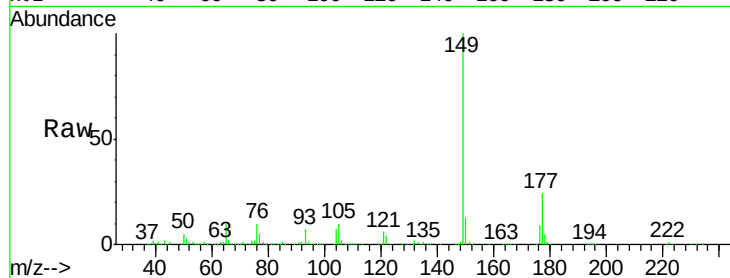




#59
Diethylphthalate
Concen: 43.373 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

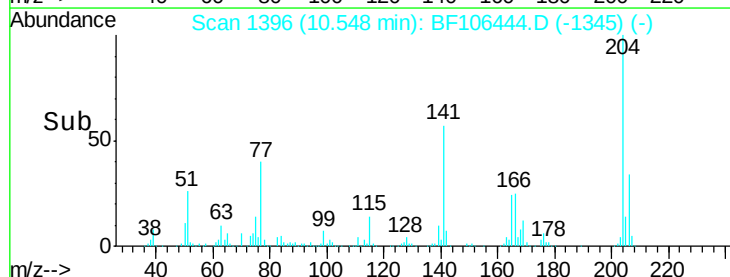
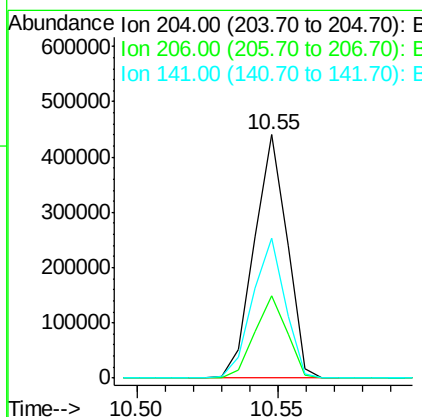
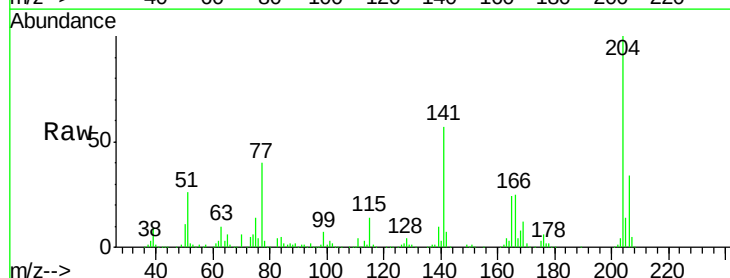
Instrument :
BNA_F
ClientSampled :

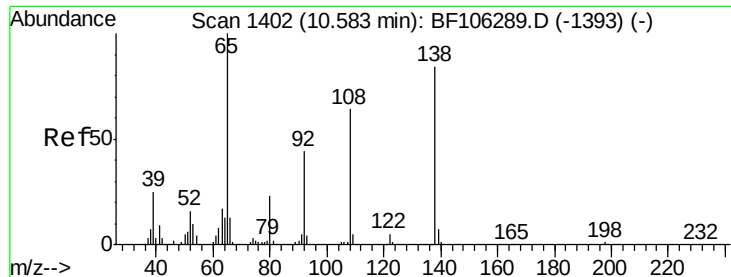
Tot Ion:149 Resp: 745396
Ion Ratio Lower Upper
149 100
177 24.1 16.1 24.1
150 13.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.722 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion:204 Resp: 355986
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 57.3 54.6 81.8

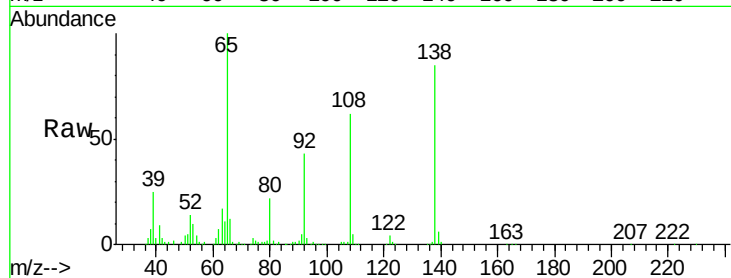




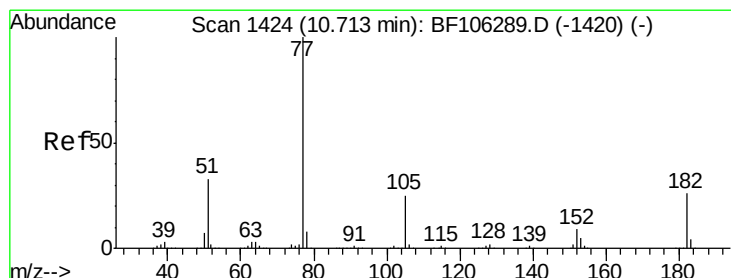
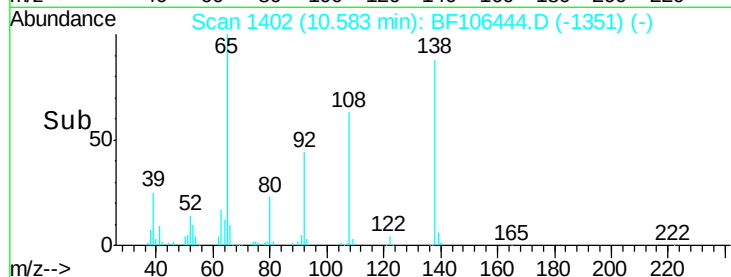
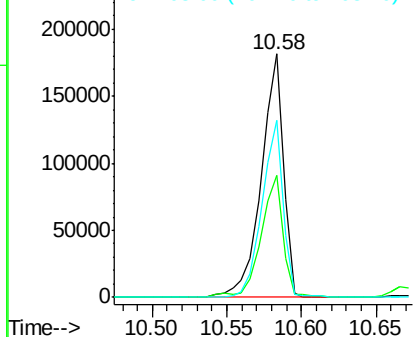
#61
4-Nitroaniline
Concen: 45.142 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 184368
Ion Ratio Lower Upper
138 100
92 50.0 30.2 70.2
108 72.8 52.5 92.5

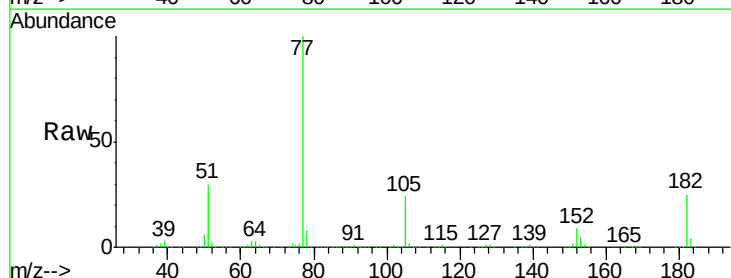


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

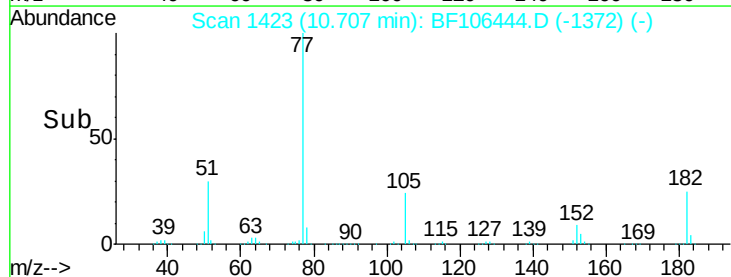
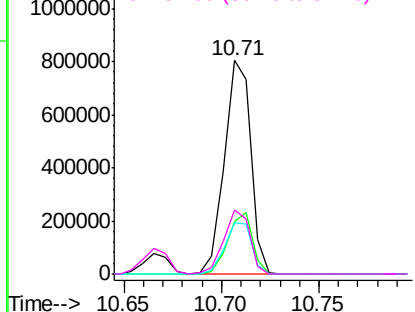


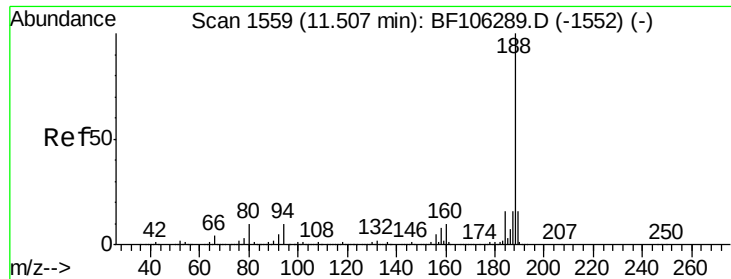
#62
Azobenzene
Concen: 41.838 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion: 77 Resp: 749740
Ion Ratio Lower Upper
77 100
182 24.9 1.7 41.7
105 24.0 3.0 43.0
51 29.9 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

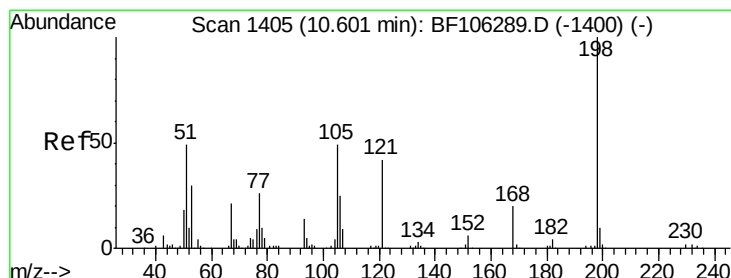
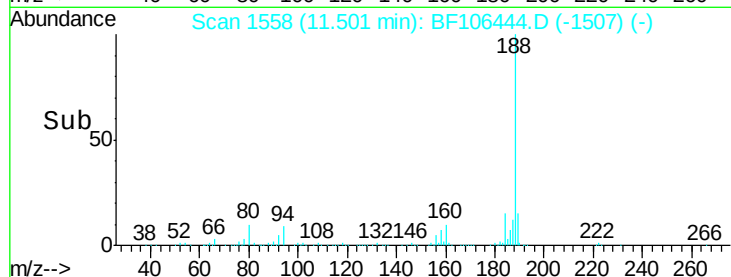
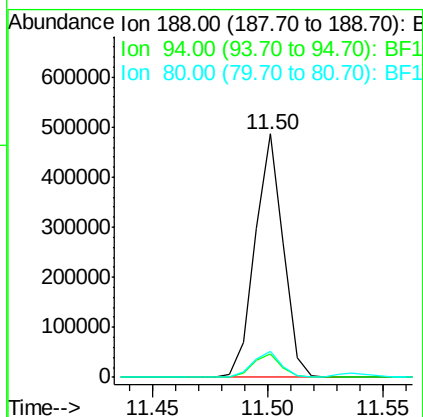
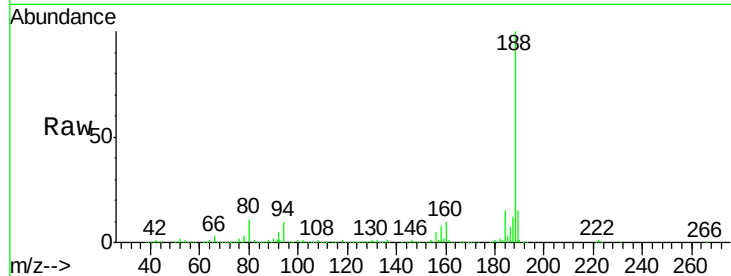




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

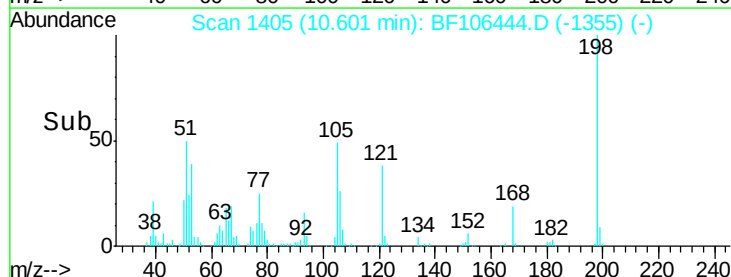
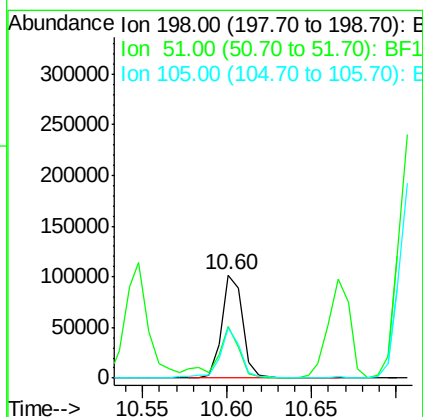
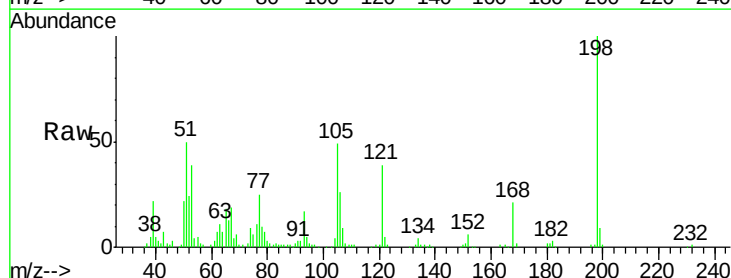
Instrument :
BNA_F
ClientSampleId :

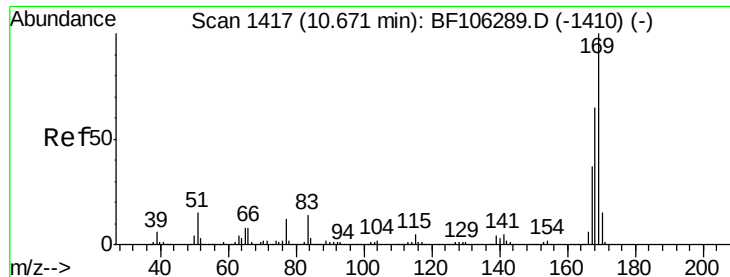
Tot Ion:188 Resp: 412626
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.840 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion:198 Resp: 88500
Ion Ratio Lower Upper
198 100
51 50.3 37.7 77.7
105 48.6 36.3 76.3

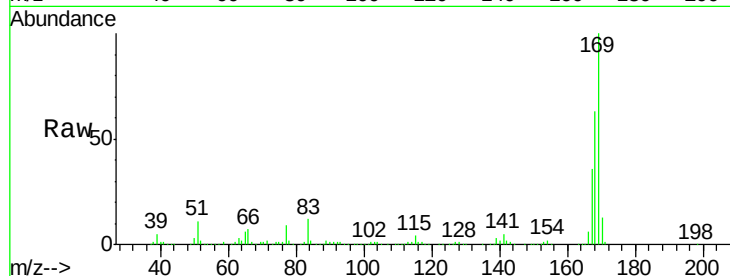




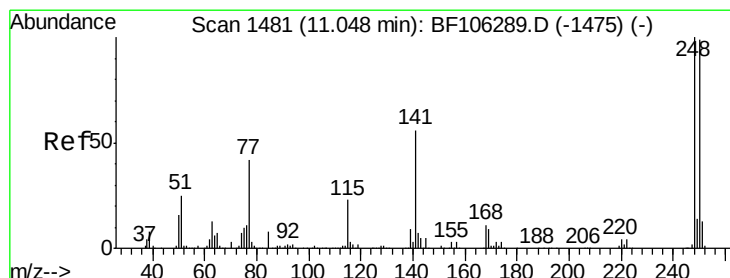
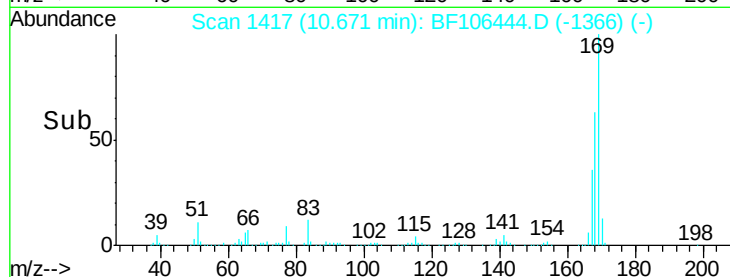
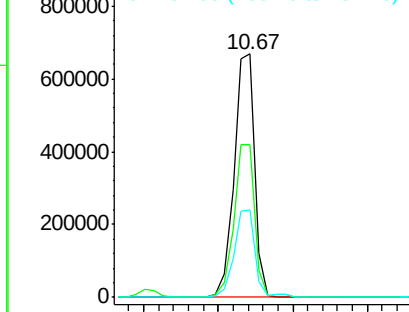
#65
 n-Nitrosodiphenylamine
 Concen: 46.461 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	62.7	54.4	81.6
167	35.8	29.8	44.6

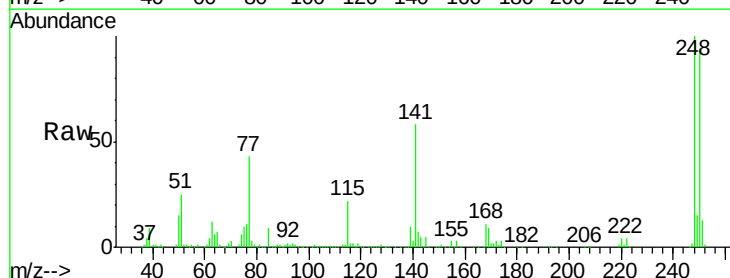


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

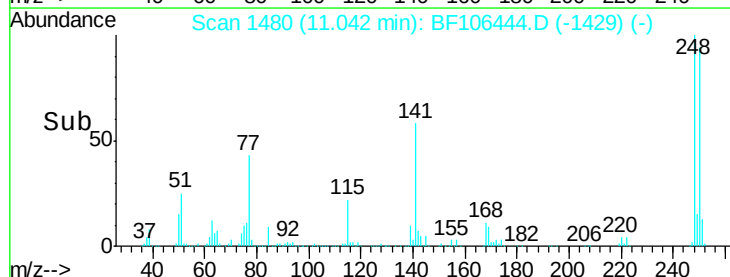
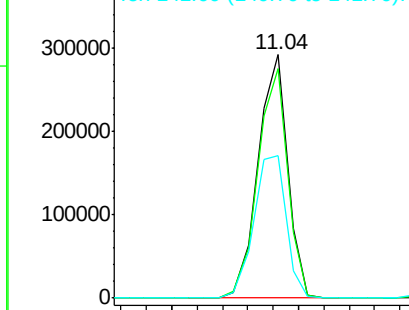


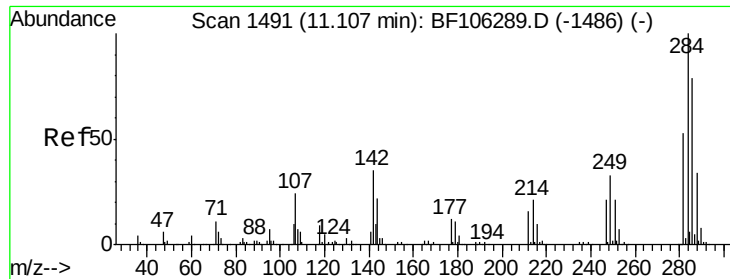
#66
 4-Bromophenyl-phenylether
 Concen: 51.015 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.3	76.9	115.3
141	58.3	74.4	111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.304 ng

RT: 11.11 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

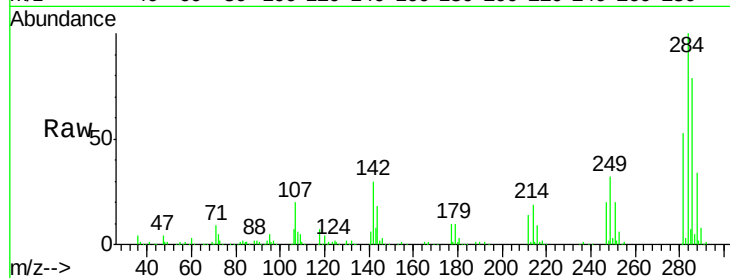
Tot Ion:284 Resp: 238552

Ion Ratio Lower Upper

284 100

142 30.1 34.6 52.0#

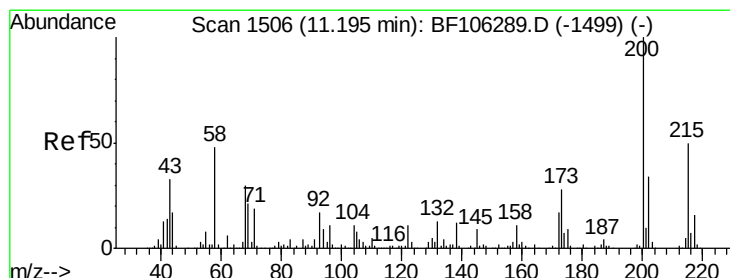
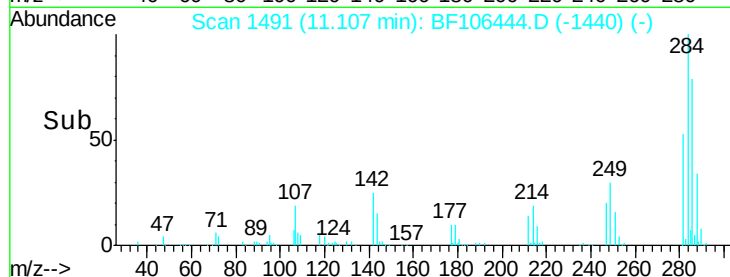
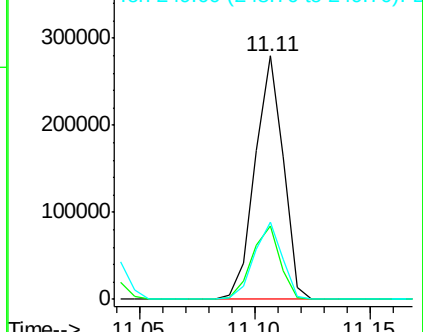
249 31.7 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.824 ng

RT: 11.19 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

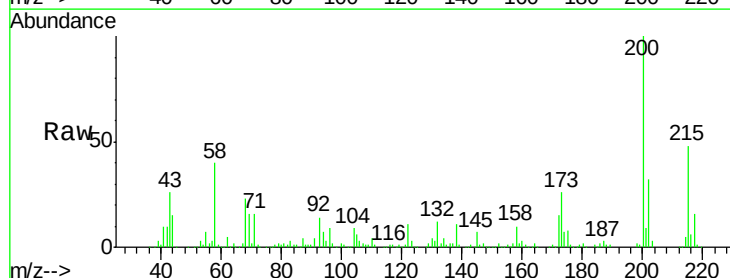
Tgt Ion:200 Resp: 212930

Ion Ratio Lower Upper

200 100

173 25.8 8.6 48.6

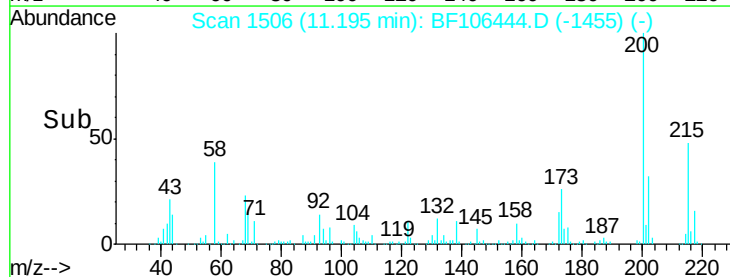
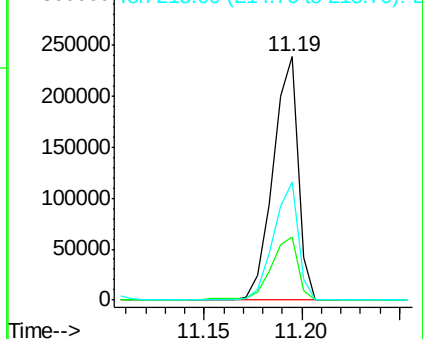
215 48.3 25.1 65.1

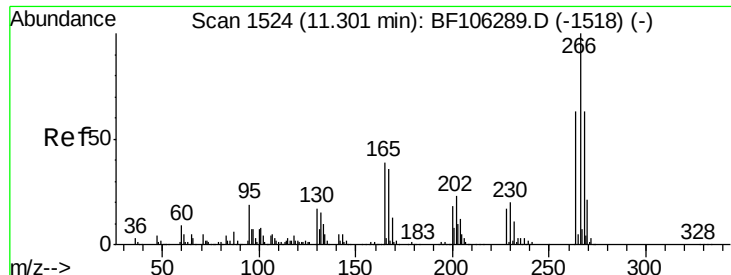


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

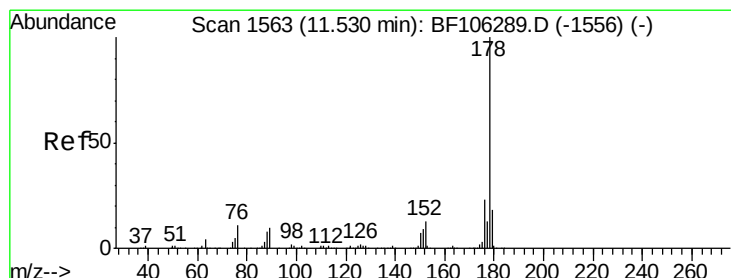
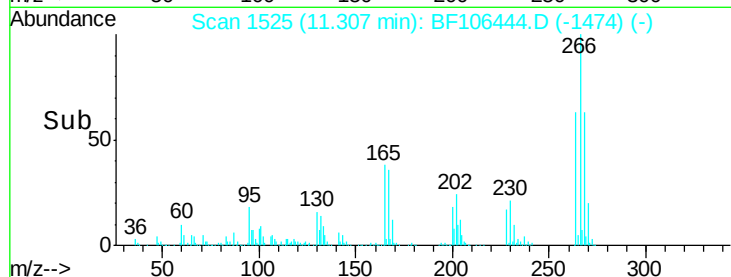
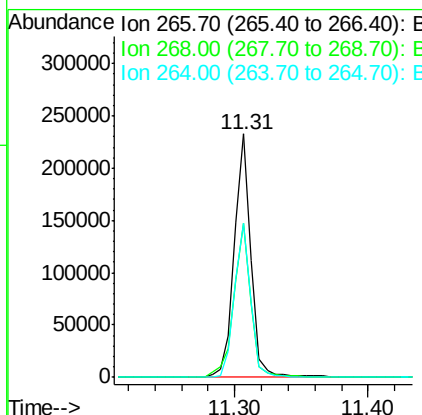
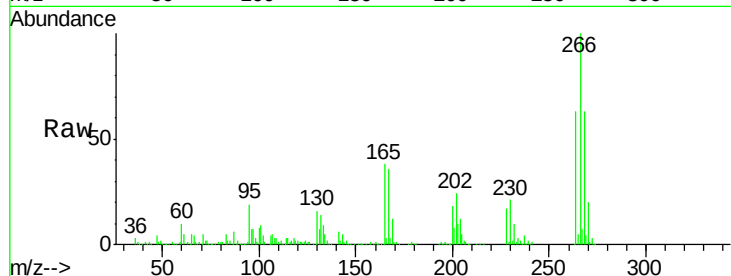




#69
 Pentachlorophenol
 Concen: 68.871 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

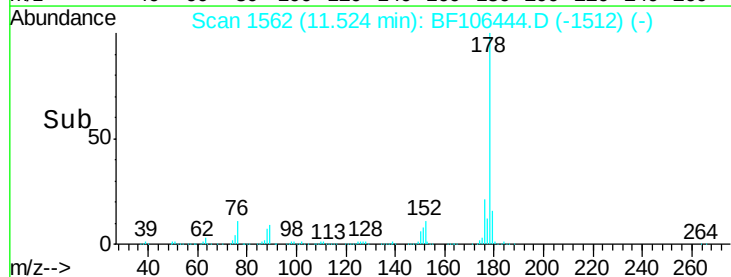
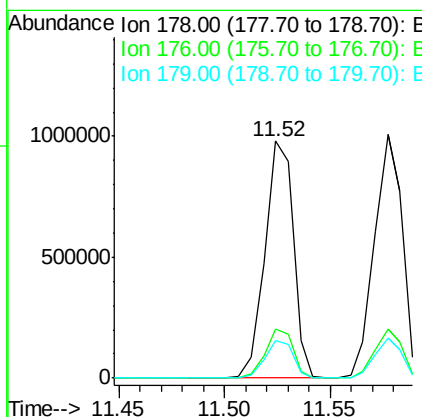
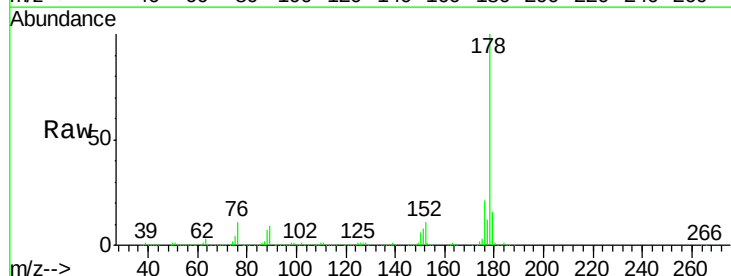
Instrument :
 BNA_F
 ClientSampleId :

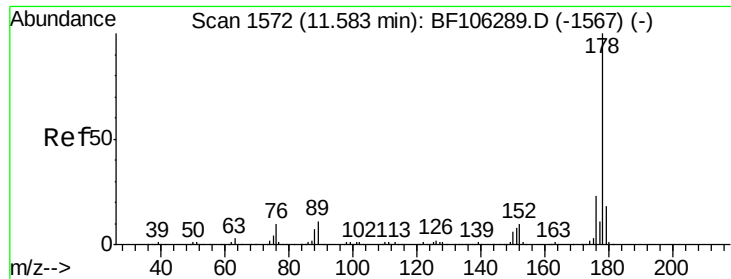
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.1	49.5	74.3



#70
 Phenanthrene
 Concen: 45.375 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	16.1	13.0	19.6

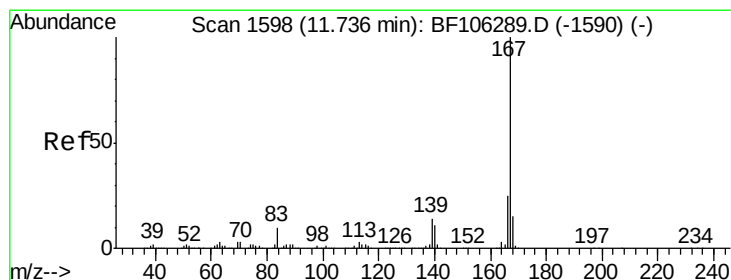
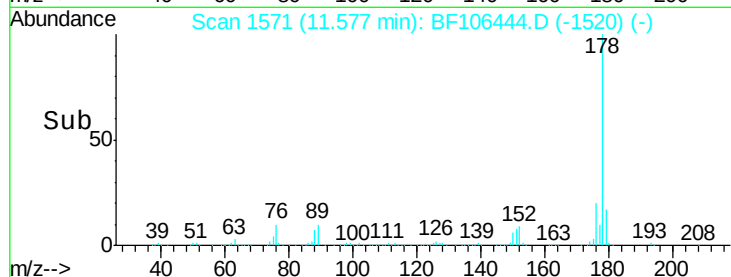
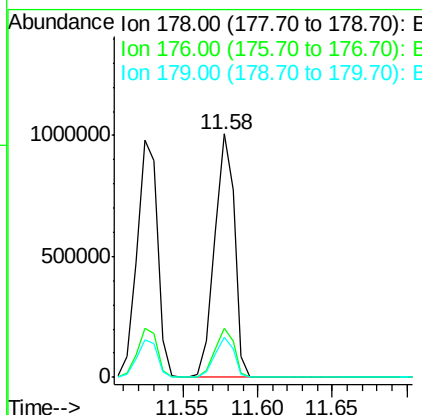
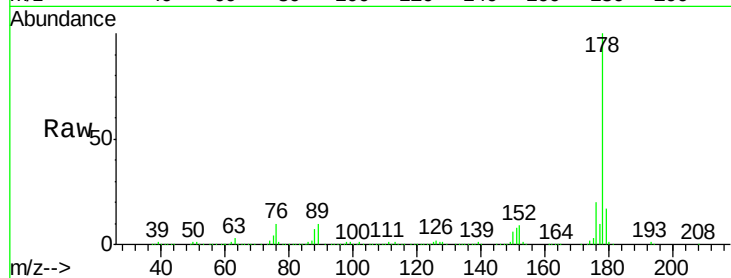




#71
 Anthracene
 Concen: 46.169 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

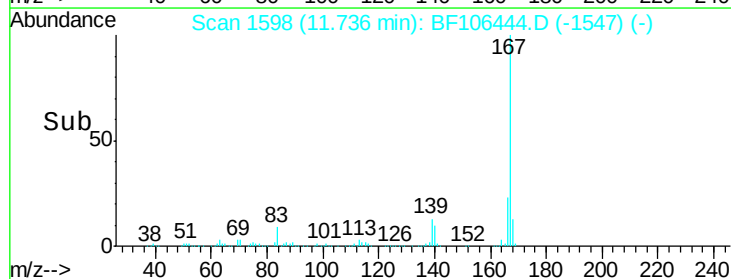
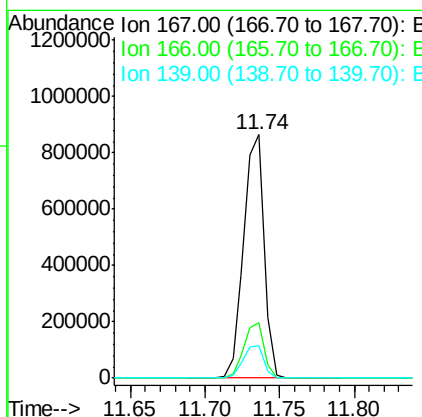
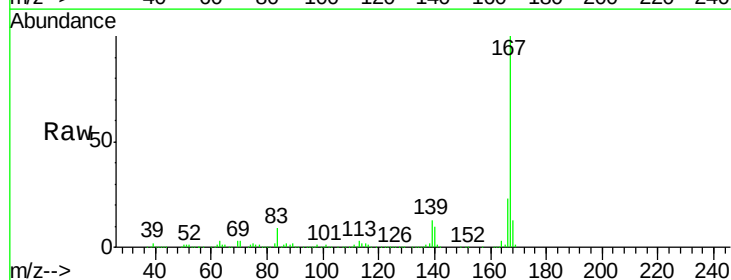
Instrument :
 BNA_F
 ClientSampleId :

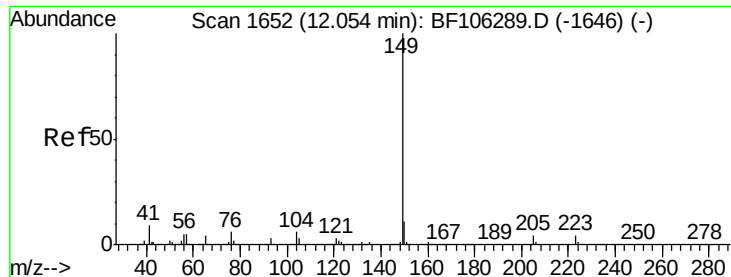
Tot Ion:178 Resp: 934666
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.6 12.6 19.0



#72
 Carbazole
 Concen: 43.960 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Tgt Ion:167 Resp: 821614
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.644 ng

RT: 12.05 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

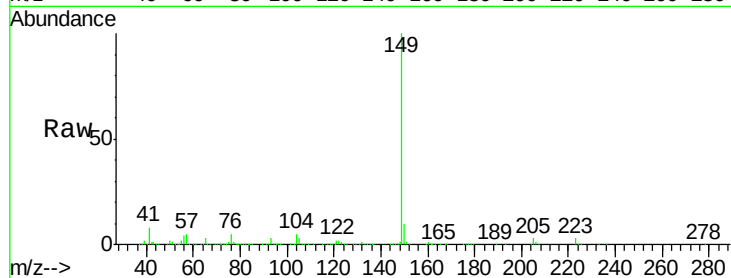
Tot Ion:149 Resp: 949460

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

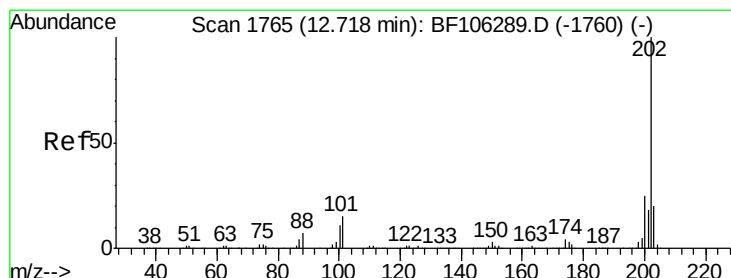
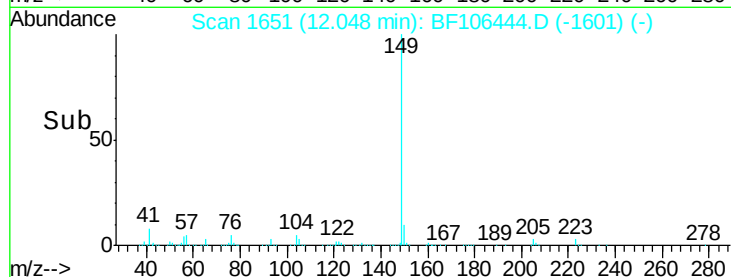
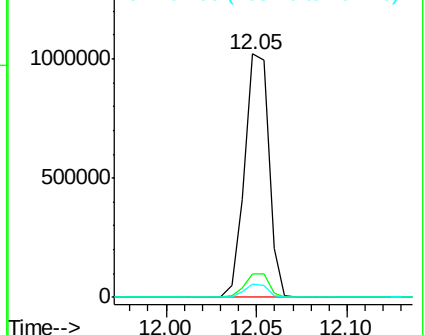
104 5.3 3.8 5.8



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: 39.657 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

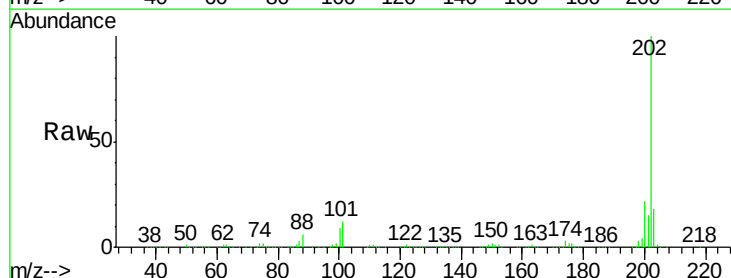
Tgt Ion:202 Resp: 854625

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

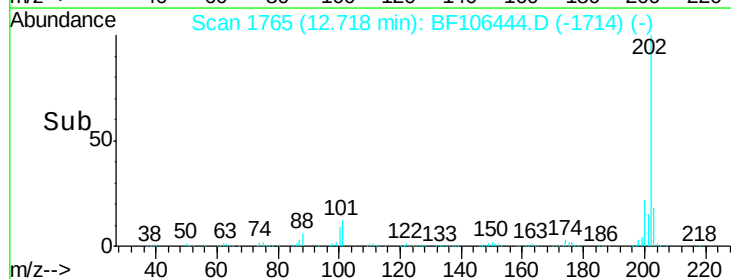
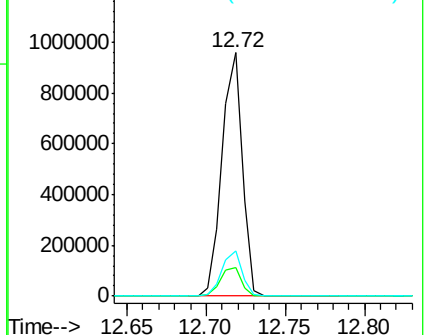
203 18.5 0.0 38.1

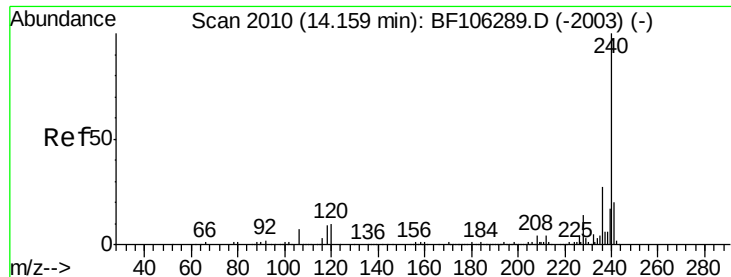


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

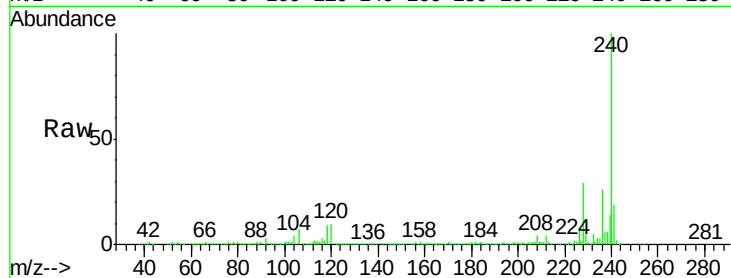
Tot Ion:240 Resp: 319798

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

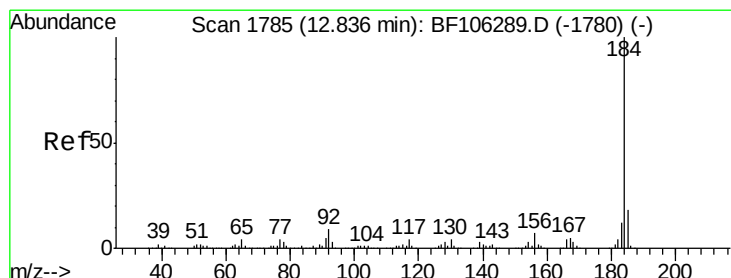
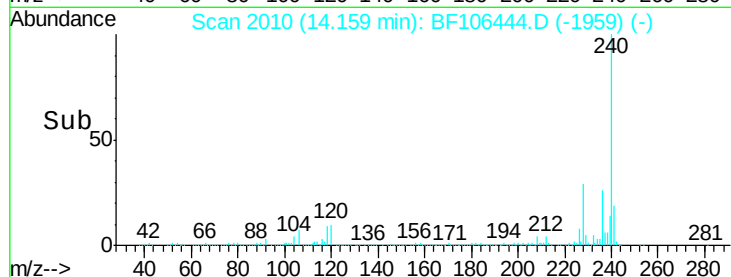
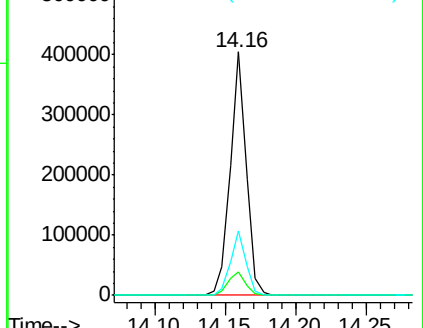
236 26.3 20.7 31.1



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: 23.699 ng

RT: 12.84 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

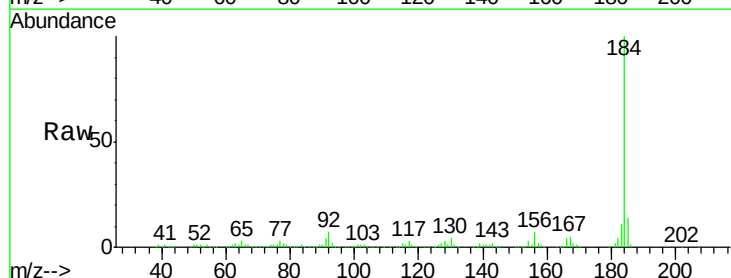
Tgt Ion:184 Resp: 252238

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

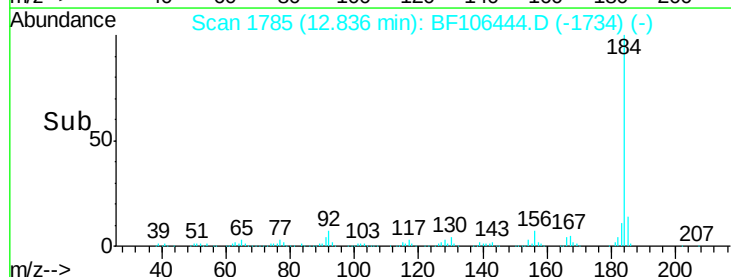
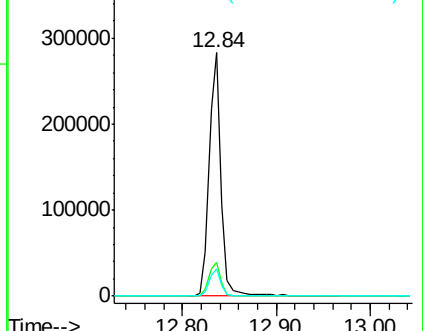
183 11.4 9.3 13.9

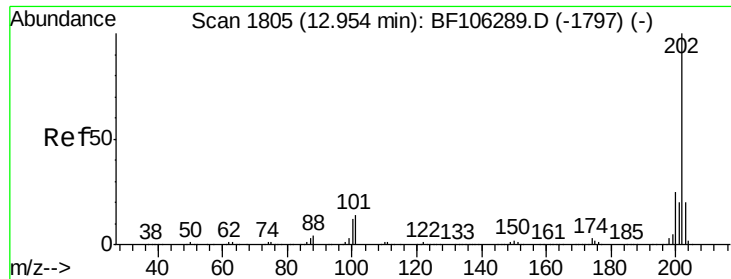


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

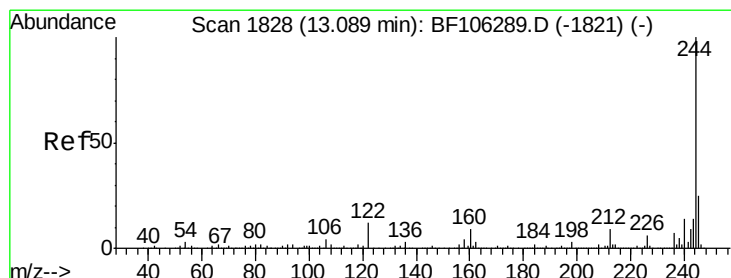
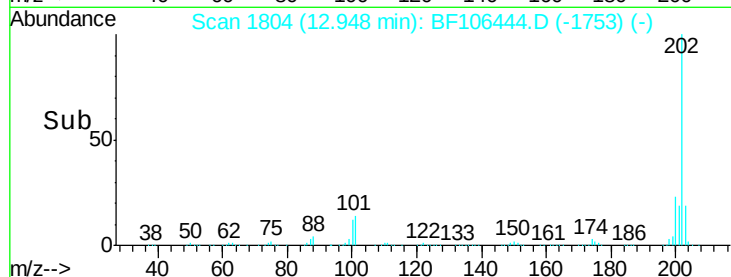
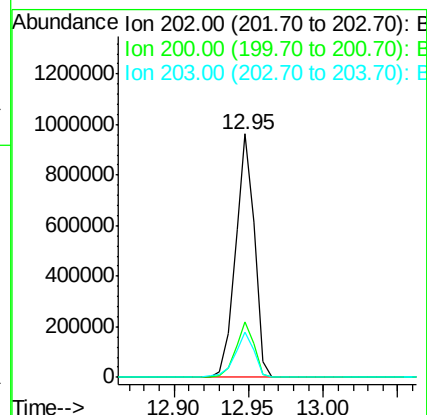
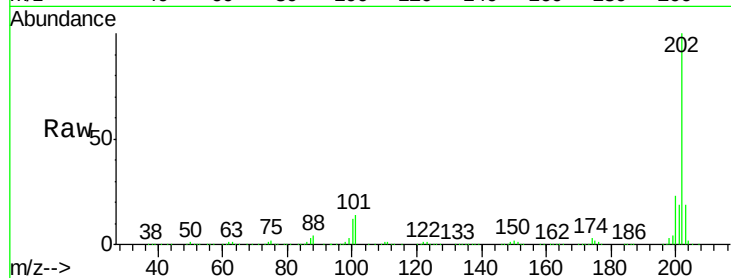




#77
Pvrene
Concen: 42.998 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

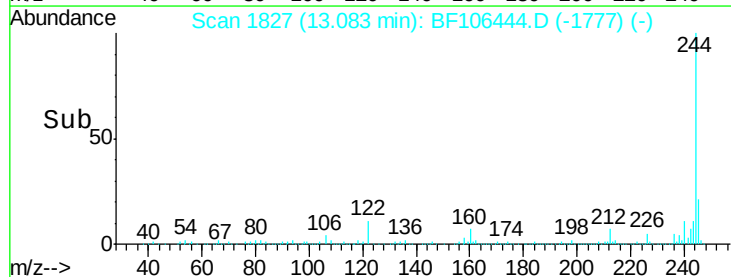
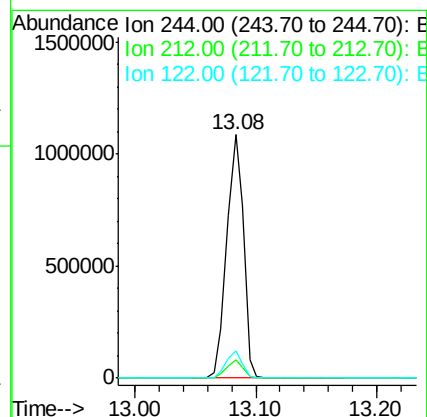
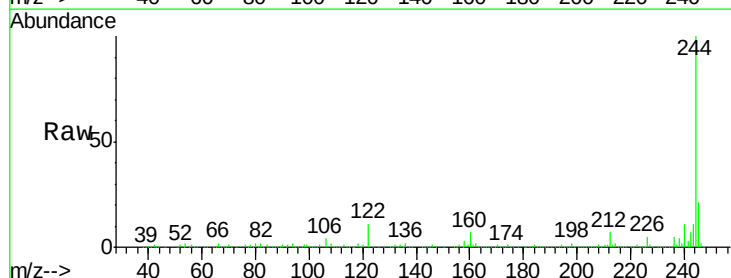
Instrument :
BNA_F
ClientSampleId :

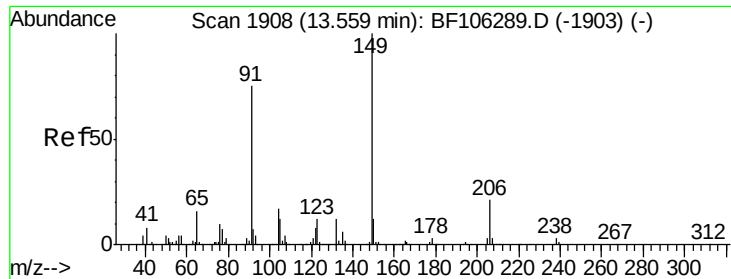
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.4	26.2
203	18.8	14.3	21.5



#78
Terphenyl-d14
Concen: 80.401 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.0	11.0	16.4

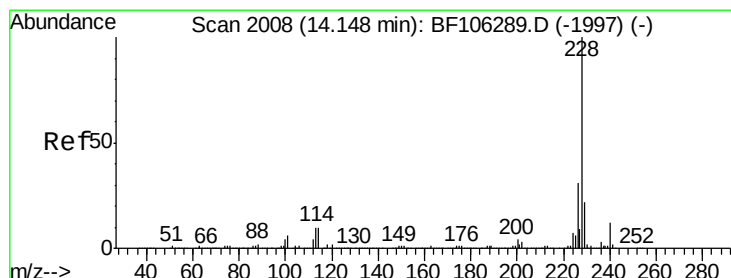
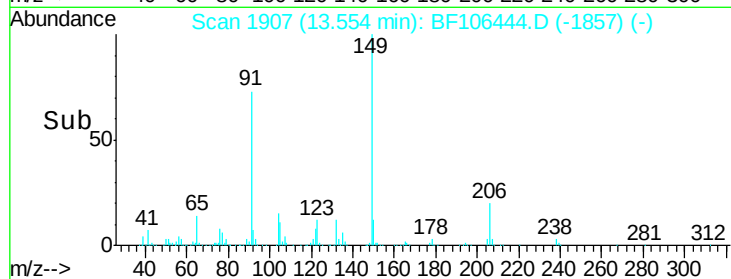
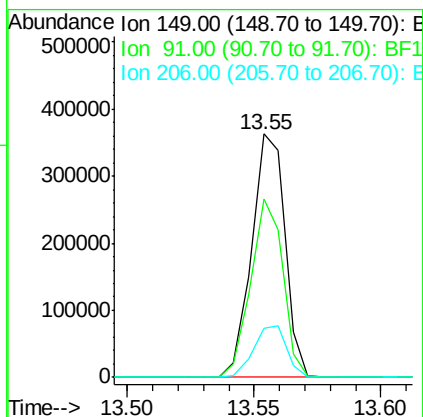
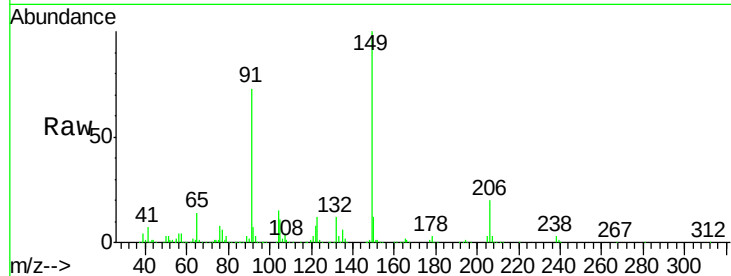




#79
Butylbenzylphthalate
Concen: 44.607 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

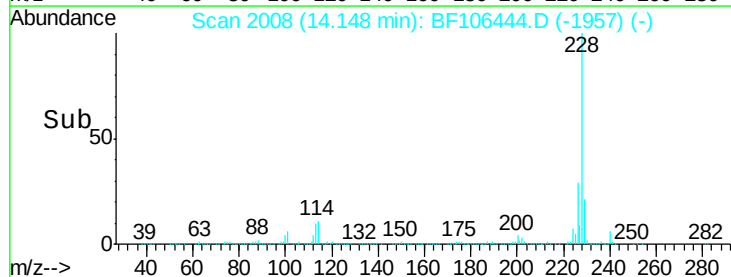
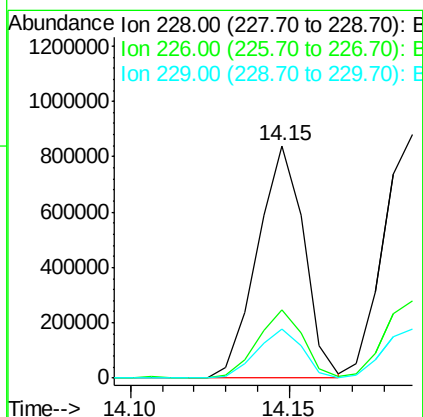
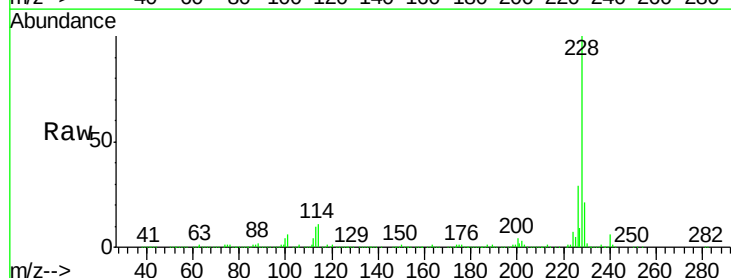
Instrument :
BNA_F
ClientSampleId :

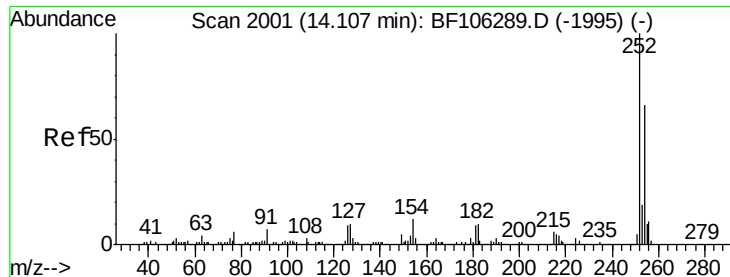
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.5	56.8	85.2
206	20.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 45.193 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.1	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 43.999 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

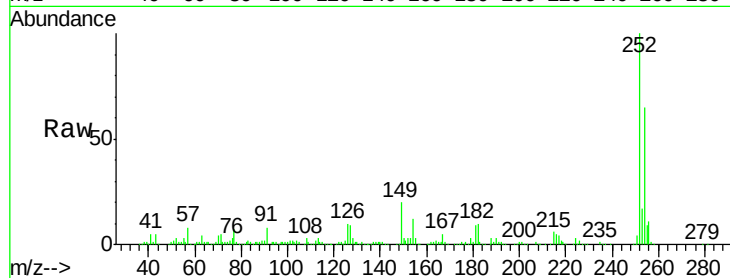
Tot Ion:252 Resp: 282520

Ion Ratio Lower Upper

252 100

254 65.2 50.4 75.6

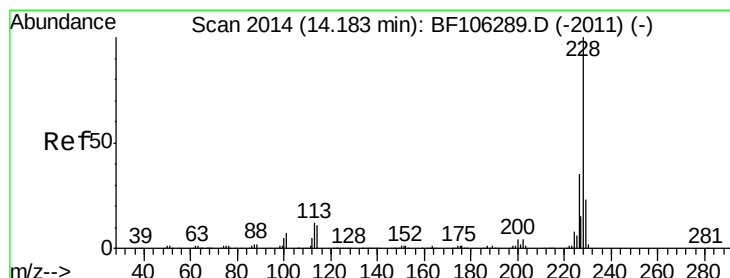
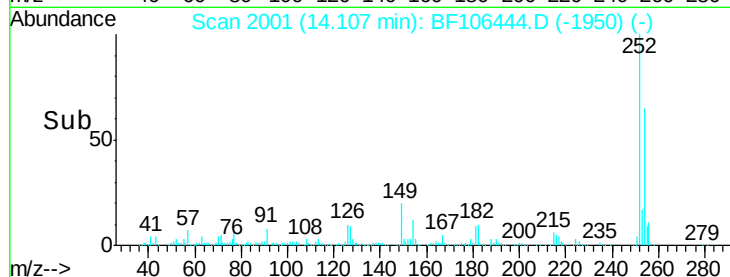
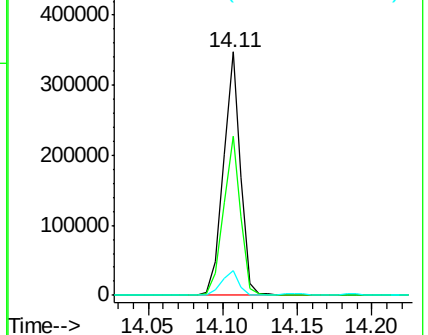
126 9.9 11.3 16.9#



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: 47.680 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

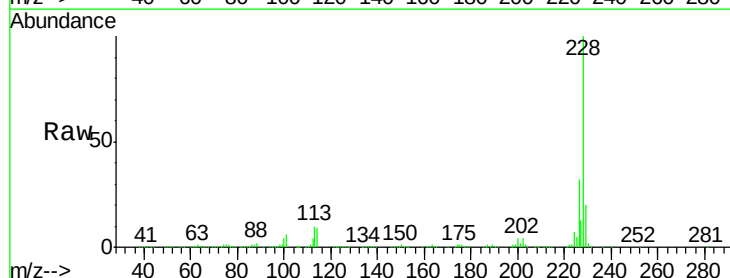
Tgt Ion:228 Resp: 828451

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

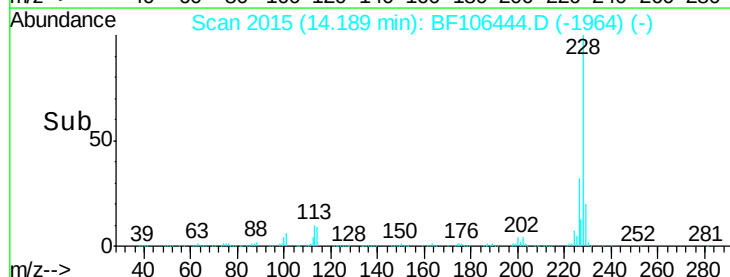
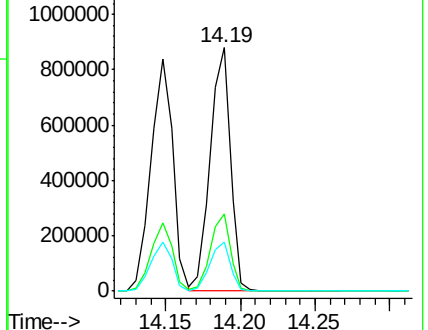
229 20.2 16.2 24.4

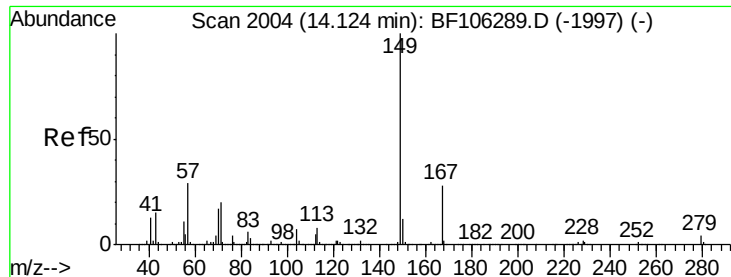


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.731 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

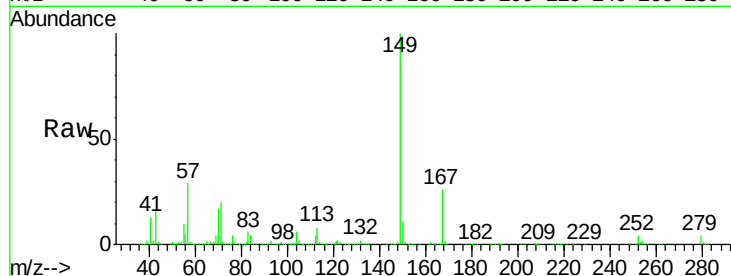
Tot Ion:149 Resp: 426938

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

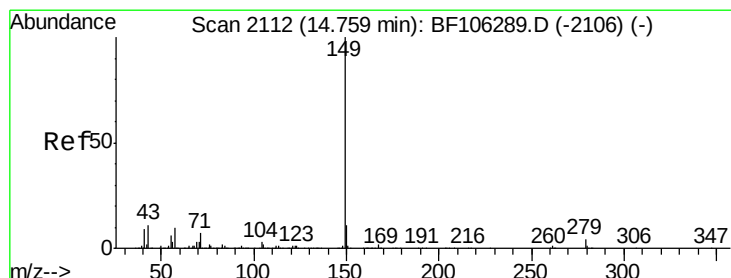
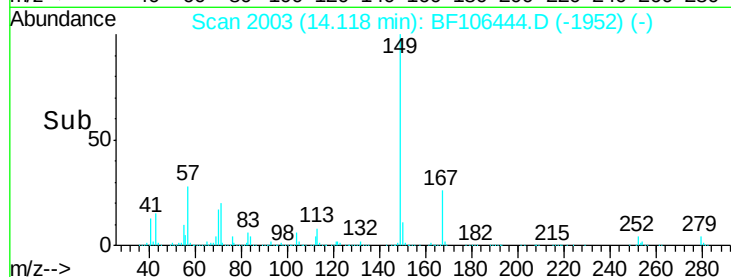
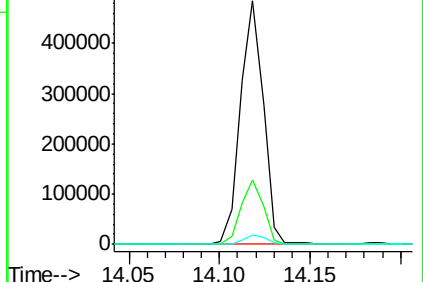
279 3.8 3.0 4.4



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: 48.382 ng

RT: 14.76 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

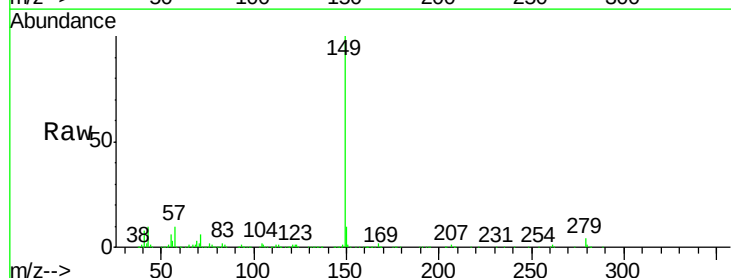
Tgt Ion:149 Resp: 749516

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

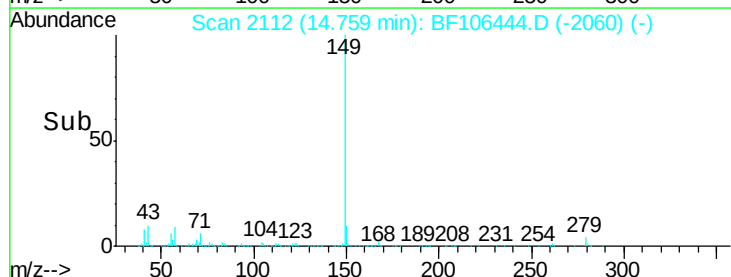
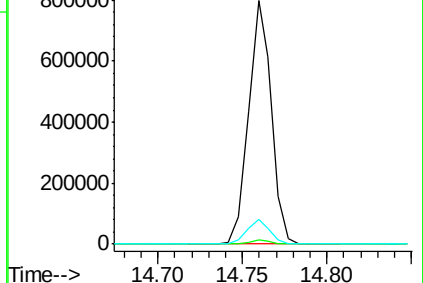
43 10.1 8.4 12.6

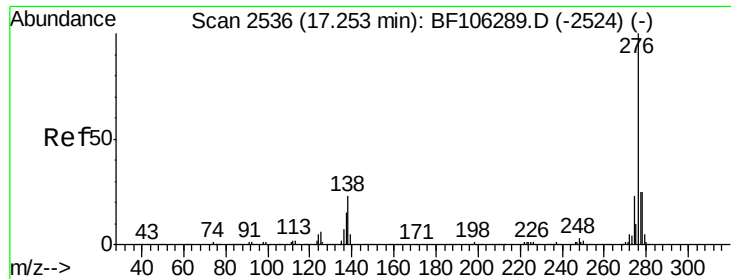


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

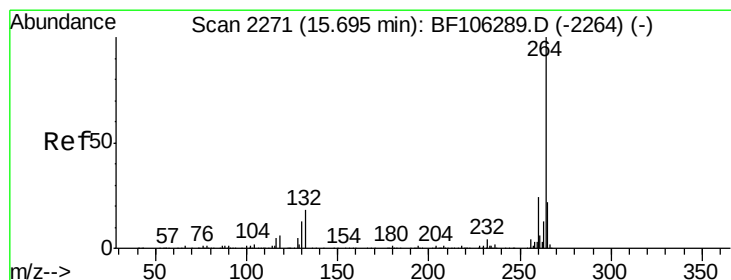
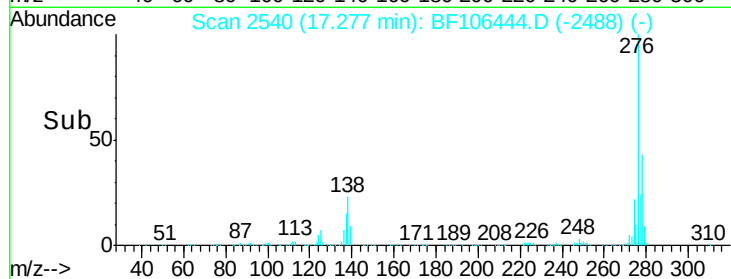
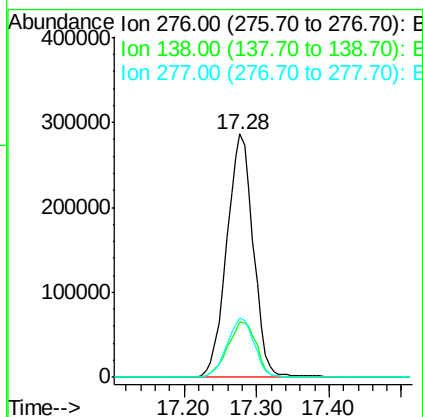
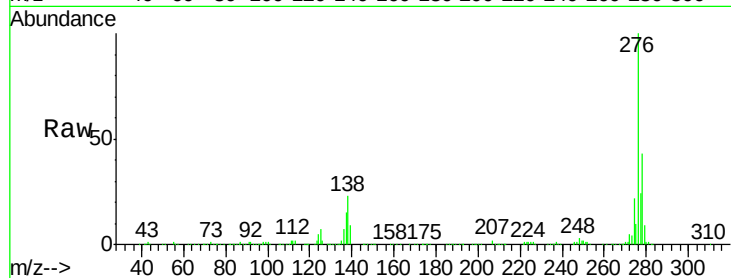




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.670 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

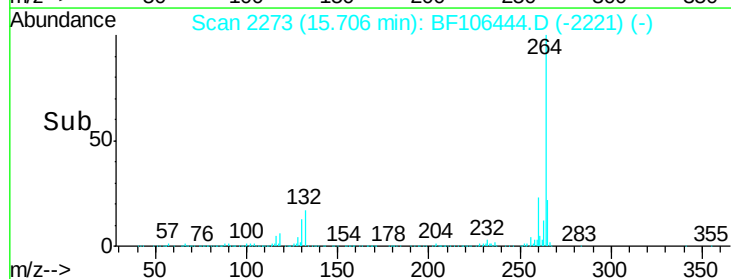
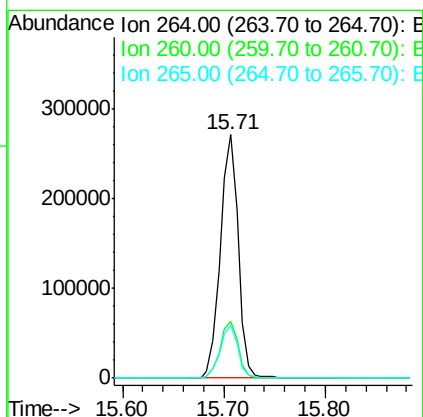
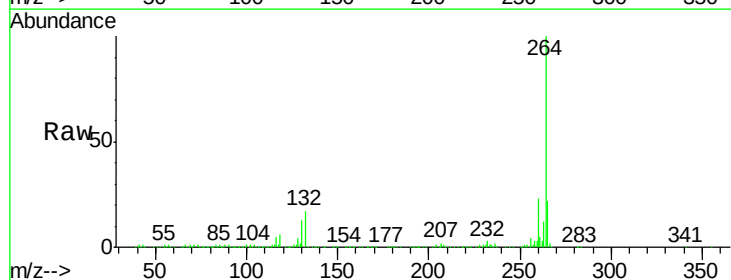
Instrument :
BNA_F
ClientSampleId :

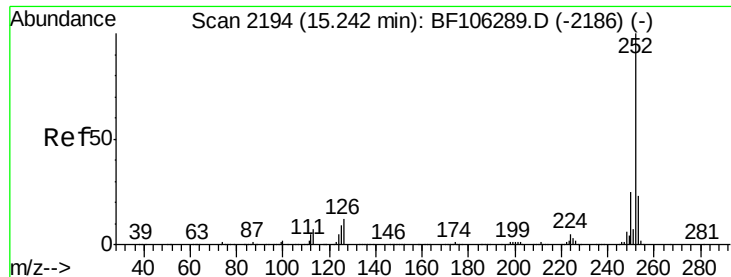
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.0	37.6#
277	25.1	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3

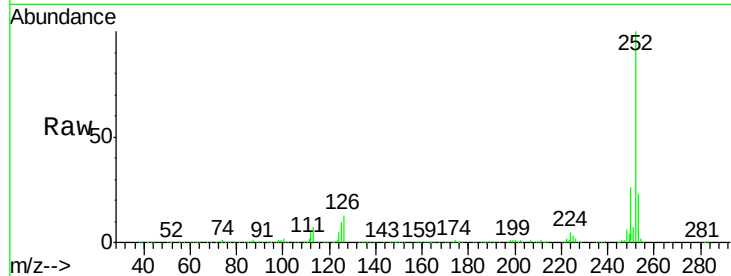




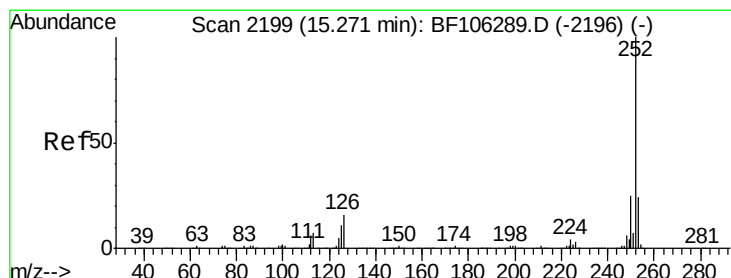
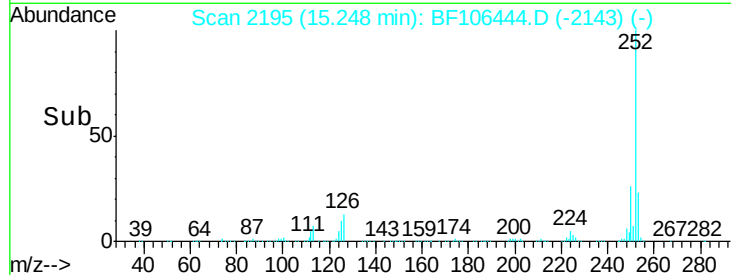
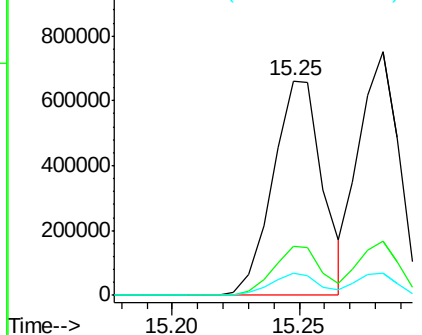
#87
Benzo(b)fluoranthene
Concen: 44.828 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 903020
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 10.4 9.0 13.6

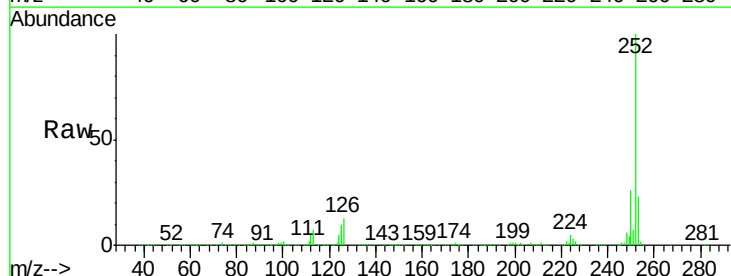


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

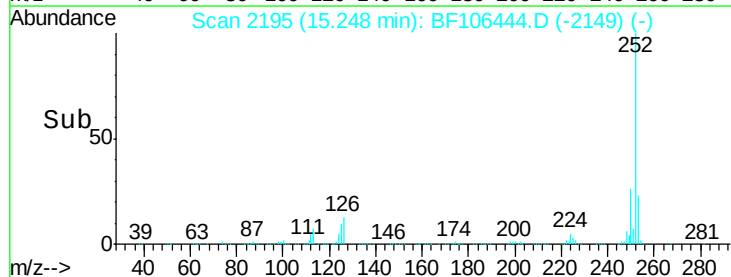
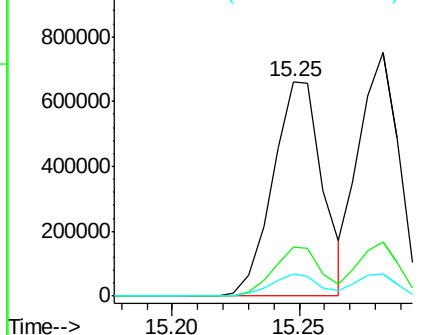


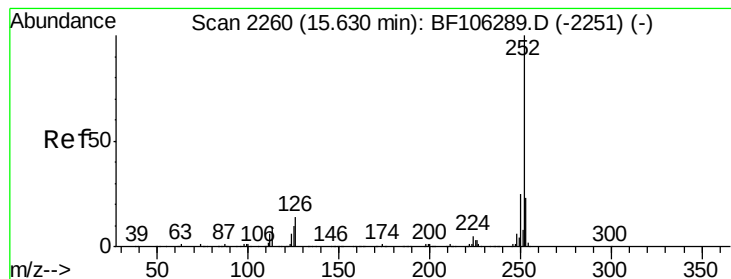
#88
Benzo(k)fluoranthene
Concen: 45.264 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BF106444.D
Acq: 14 Jun 2018 16:10

Tgt Ion:252 Resp: 903020
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 10.4 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: 46.261 ng

RT: 15.64 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

Instrument :

BNA_F

ClientSampleId :

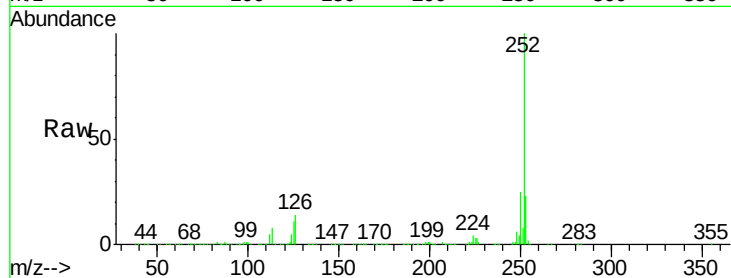
Tot Ion:252 Resp: 838193

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

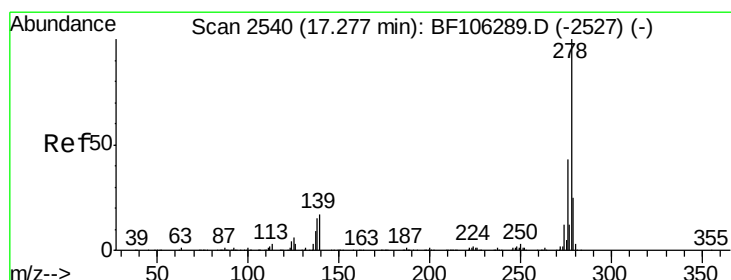
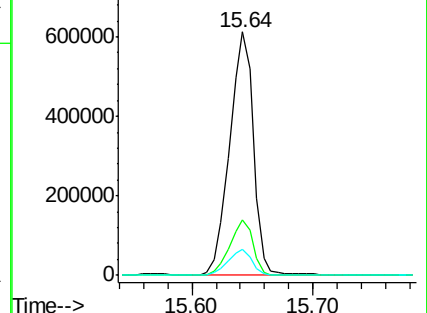
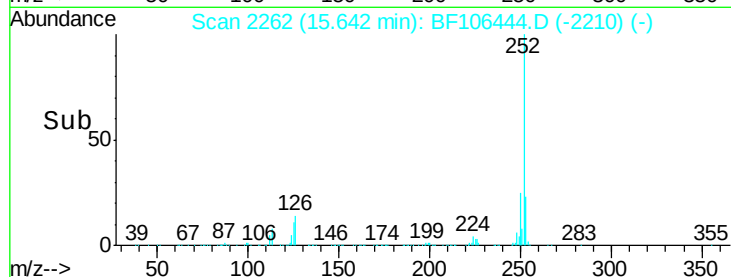
125 10.6 9.8 14.6



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: 40.453 ng

RT: 17.29 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF106444.D

Acq: 14 Jun 2018 16:10

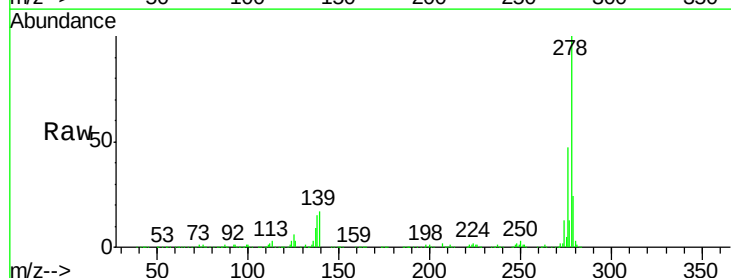
Tgt Ion:278 Resp: 611073

Ion Ratio Lower Upper

278 100

139 16.6 15.9 23.9

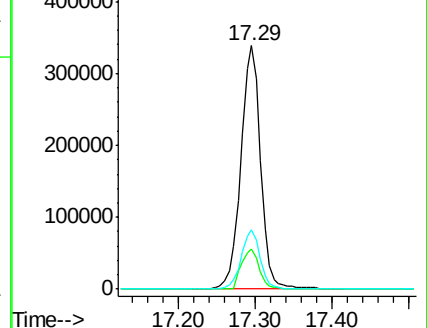
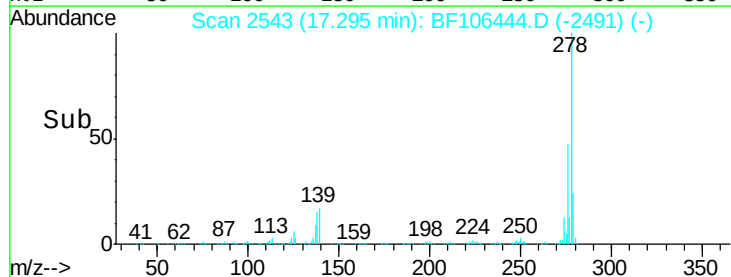
279 24.4 19.0 28.4

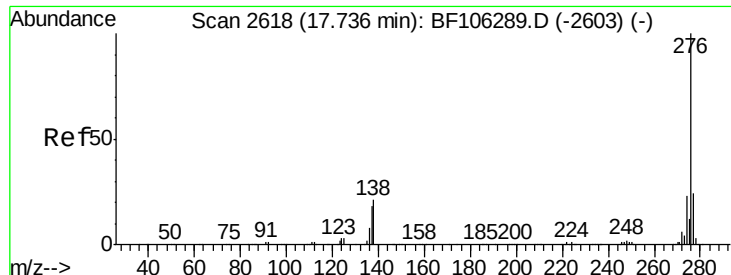


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

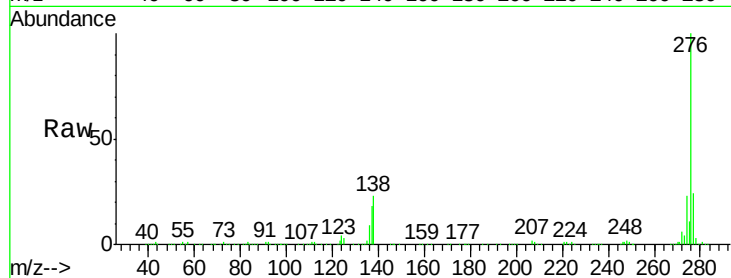




#91
 Benzo(a,h,i)perylene
 Concen: 39.024 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. 0.01 min
 Lab File: BF106444.D
 Acq: 14 Jun 2018 16:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	22.9	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

