

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106432.D
 Acq On : 14 Jun 2018 10:09
 Operator : JU/SJ
 Sample : PB110241BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 11:28:42 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 11:27:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127009	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	487977	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	240825	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	461005	20.00	ng	0.00
75) Chrysene-d12	14.15	240	332585	20.00	ng	0.00
86) Perylene-d12	15.69	264	329120	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	799992	106.61	ng	0.00
7) Phenol-d6	6.61	99	941353	99.29	ng	0.00
23) Nitrobenzene-d5	7.53	82	660584	79.64	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	301276	130.02	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1152904	85.03	ng	0.00
78) Terphenyl-d14	13.08	244	1174153	87.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	110011	28.326	ng	94
3) Pyridine	3.63	79	331591	30.638	ng	95
4) n-Nitrosodimethylamine	3.59	42	147212	29.692	ng	90
6) Aniline	6.63	93	268795	19.416	ng	# 40
8) 2-Chlorophenol	6.77	128	293909	36.420	ng	98
9) Benzaldehyde	6.52	77	194060	26.985	ng	99
10) Phenol	6.62	94	372230	35.964	ng	75
11) bis(2-Chloroethyl)ether	6.70	93	303667	34.272	ng	98
12) 1,3-Dichlorobenzene	6.91	146	333657	35.130	ng	100
13) 1,4-Dichlorobenzene	6.98	146	337849	35.053	ng	99
14) 1,2-Dichlorobenzene	7.14	146	313911	34.597	ng	99
15) Benzyl Alcohol	7.11	79	271848	33.481	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	454517	35.785	ng	# 46
17) 2-Methylphenol	7.23	107	252323	35.045	ng	# 90
18) Hexachloroethane	7.48	117	115609	33.663	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	218003	30.649	ng	96
20) 3+4-Methylphenols	7.38	107	331154	35.966	ng	93
22) Acetophenone	7.37	105	417434	33.945	ng	# 98
24) Nitrobenzene	7.55	77	338023	37.493	ng	96
25) Isophorone	7.78	82	598892	36.964	ng	98
26) 2-Nitrophenol	7.87	139	160025	45.729	ng	98
27) 2,4-Dimethylphenol	7.90	122	271455	39.576	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	385312	36.677	ng	99
29) 2,4-Dichlorophenol	8.12	162	266651	40.297	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	271909	36.648	ng	94
31) Naphthalene	8.27	128	830802	37.662	ng	99
32) Benzoic acid	8.02	122	149957	32.430	ng	97
33) 4-Chloroaniline	8.32	127	120918	12.369	ng	99
34) Hexachlorobutadiene	8.38	225	174675	36.645	ng	99
35) Caprolactam	8.68	113	68220	30.480	ng	91
36) 4-Chloro-3-methylphenol	8.81	107	278953	38.110	ng	95
37) 2-Methylnaphthalene	8.97	142	578917	38.531	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	297174	38.012	ng	97
40) Hexachlorocyclopentadiene	9.11	237	160051	37.106	ng	99

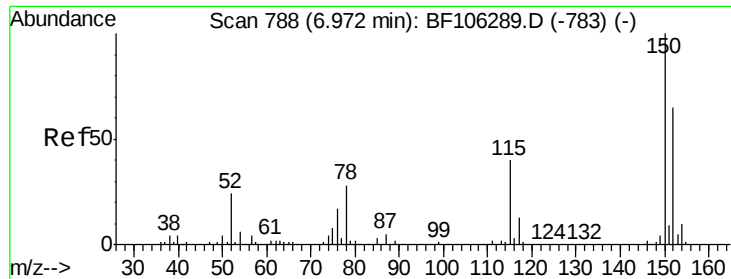
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106432.D
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Quant Time: Jun 14 11:28:42 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 11:27:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	200398	40.223	nq	98
43) 2,4,5-Trichlorophenol	9.30	196	210795	39.247	nq	90
45) 1,1'-Biphenyl	9.42	154	686021	36.778	nq	99
46) 2-Chloronaphthalene	9.45	162	550254	36.862	nq	97
47) 2-Nitroaniline	9.55	65	191086	40.692	nq	100
48) Acenaphthylene	9.87	152	873322	38.223	nq	98
49) Dimethylphthalate	9.72	163	647107	37.610	nq	99
50) 2,6-Dinitrotoluene	9.79	165	142964	40.678	nq	99
51) Acenaphthene	10.04	154	541830	36.720	nq	100
52) 3-Nitroaniline	9.96	138	100167	24.013	nq	98
53) 2,4-Dinitrophenol	10.07	184	76715	51.037	nq #	19
54) Dibenzofuran	10.21	168	763217	38.411	nq	97
55) 4-Nitrophenol	10.15	139	212764	66.545	nq	93
56) 2,4-Dinitrotoluene	10.20	165	197352	44.716	nq	93
57) Fluorene	10.56	166	587663	37.329	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	176182	41.387	nq #	83
59) Diethylphthalate	10.42	149	641628	37.572	nq	96
60) 4-Chlorophenyl-phenylether	10.55	204	302161	36.493	nq	90
61) 4-Nitroaniline	10.58	138	141639	34.900	nq	98
62) Azobenzene	10.71	77	652179	36.625	nq	97
64) 4,6-Dinitro-2-methylphenol	10.60	198	69441	30.556	nq	86
65) n-Nitrosodiphenylamine	10.67	169	564171	36.413	nq	97
66) 4-Bromophenyl-phenylether	11.04	248	209352	39.927	nq #	80
67) Hexachlorobenzene	11.11	284	211533	39.132	nq #	85
68) Atrazine	11.19	200	193993	40.629	nq	98
69) Pentachlorophenol	11.31	266	167483	50.324	nq	99
70) Phenanthrene	11.52	178	857694	37.989	nq	99
71) Anthracene	11.58	178	874197	38.650	nq	98
72) Carbazole	11.73	167	767179	36.740	nq	99
73) Di-n-butylphthalate	12.05	149	986338	42.441	nq	99
74) Fluoranthene	12.72	202	812937	33.764	nq	97
76) Benzidine	12.84	184	475028	42.916	nq	99
77) Pyrene	12.95	202	808246	38.817	nq	99
79) Butylbenzylphthalate	13.55	149	361659	46.401	nq	96
80) Benzo(a)anthracene	14.14	228	741760	37.478	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	186689	27.957	nq #	96
82) Chrysene	14.18	228	699494	38.710	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	492929	44.108	nq	100
84) Di-n-octyl phthalate	14.75	149	752552	46.710	nq	99
85) Indeno(1,2,3-cd)pyrene	17.25	276	585201	40.578	nq #	93
87) Benzo(b)fluoranthene	15.27	252	725042	36.444	nq	97
88) Benzo(k)fluoranthene	15.27	252	725042	36.798	nq #	97
89) Benzo(a)pyrene	15.62	252	681719	38.096	nq	97
90) Dibenzo(a,h)anthracene	17.28	278	503320	33.737	nq #	95
91) Benzo(g,h,i)perylene	17.73	276	449100	30.976	nq	95

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

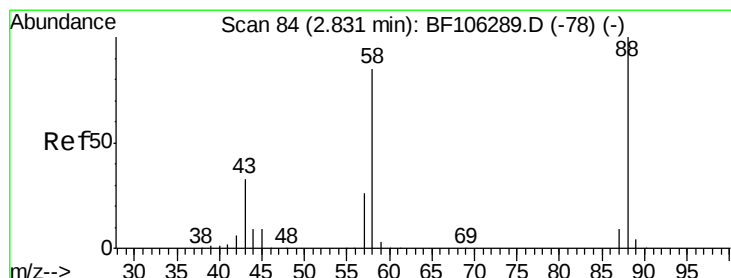
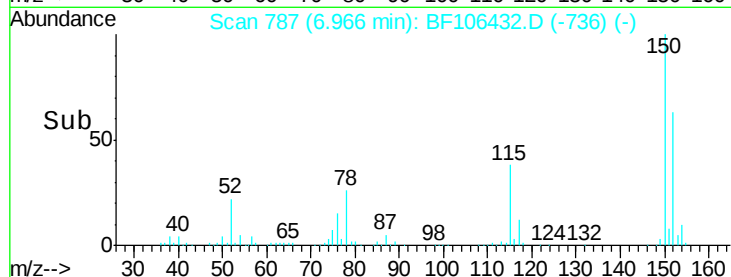
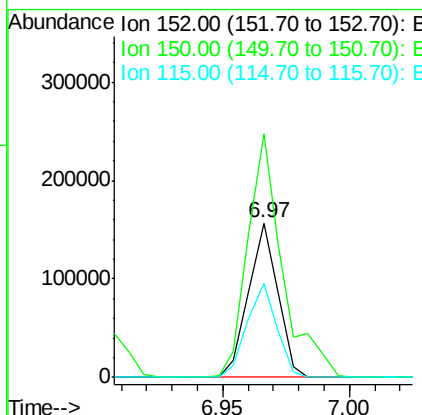
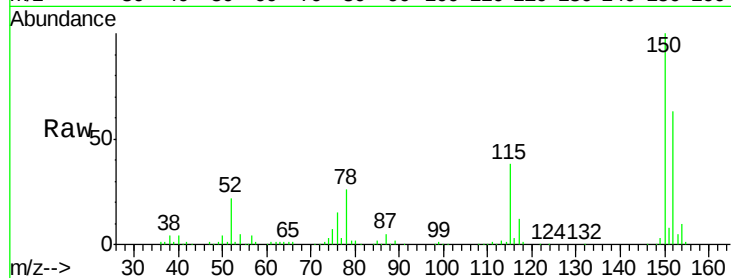


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :

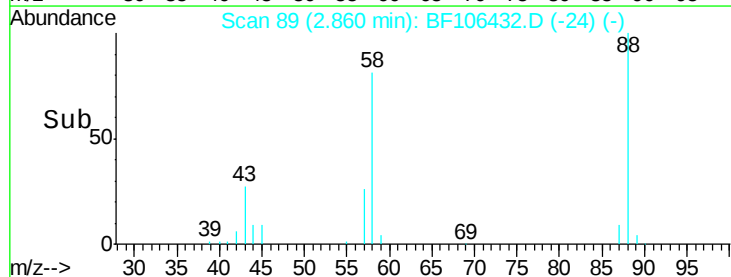
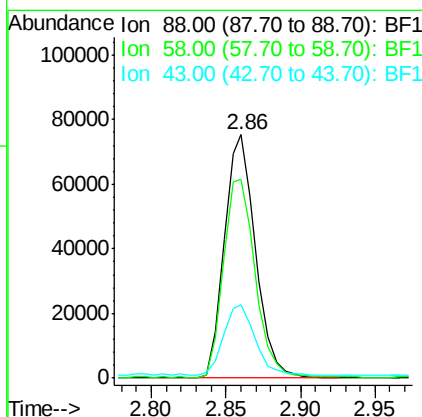
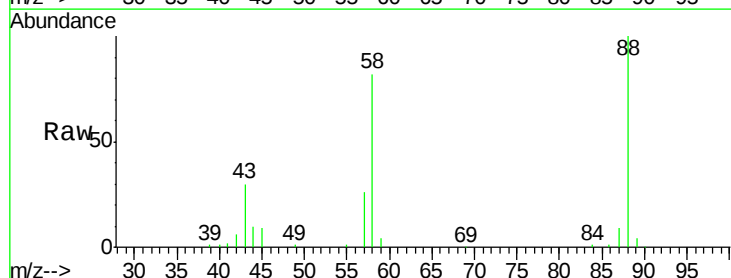
Tot Ion:152 Resp: 127009
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 60.5 50.1 75.1

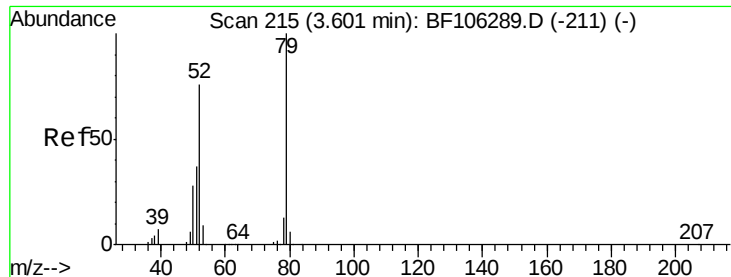


#2

1,4-Dioxane
Concen: 28.326 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.08 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion: 88 Resp: 110011
Ion Ratio Lower Upper
88 100
58 84.9 62.6 93.8
43 29.8 24.6 37.0

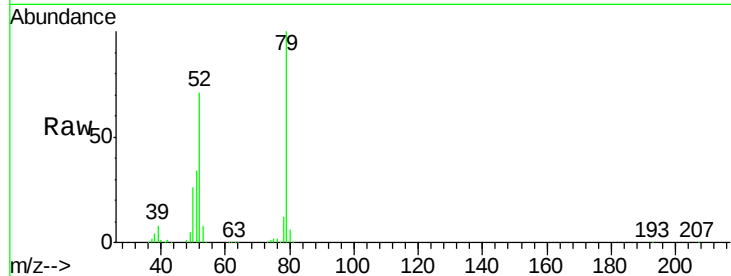




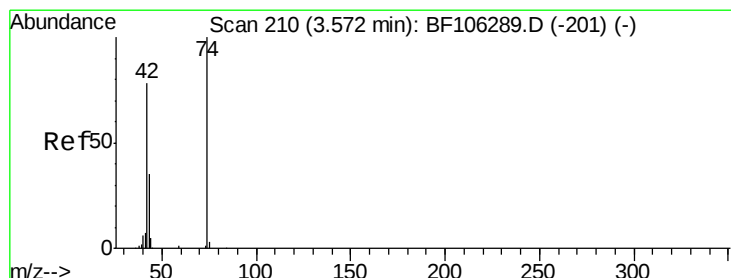
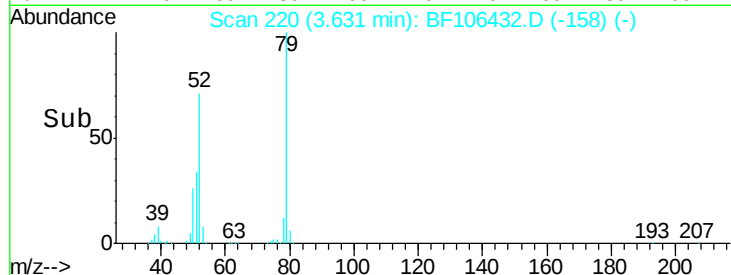
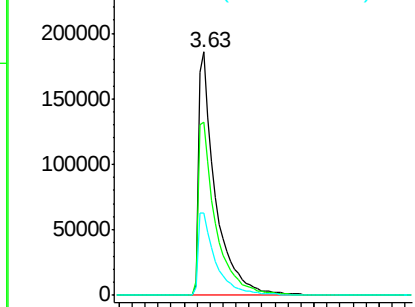
#3
 Pvridine
 Concen: 30.638 ng
 RT: 3.63 min Scan# 220
 Delta R.T. 0.06 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.1	59.8	89.6
51	33.7	29.8	44.8

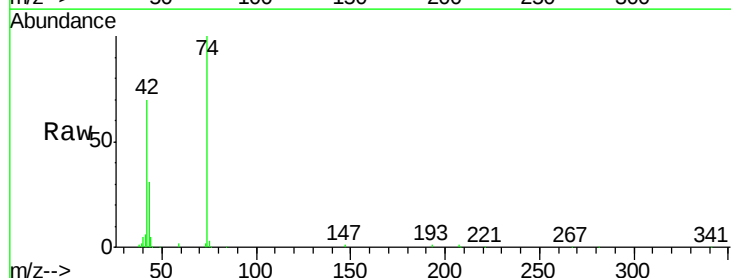


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

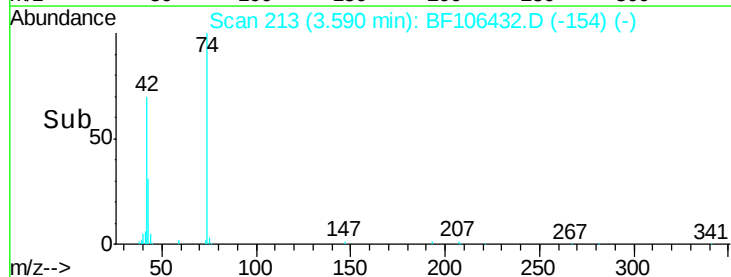
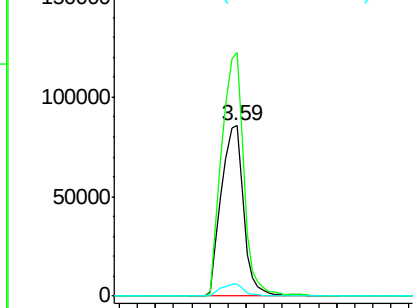


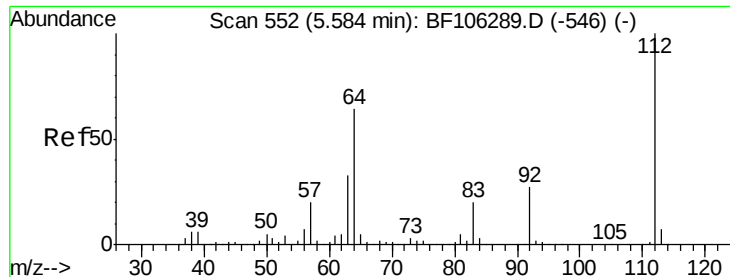
#4
 n-Nitrosodimethylamine
 Concen: 29.692 ng
 RT: 3.59 min Scan# 213
 Delta R.T. 0.05 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.9	104.9	157.3
44	7.4	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: 106.605 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106432.D

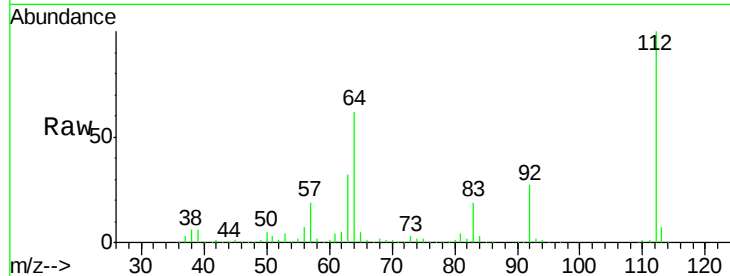
Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

ClientSampled :

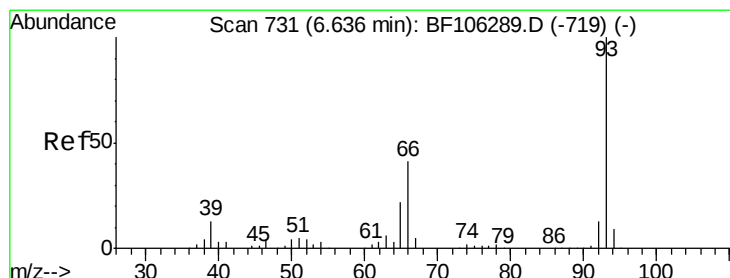
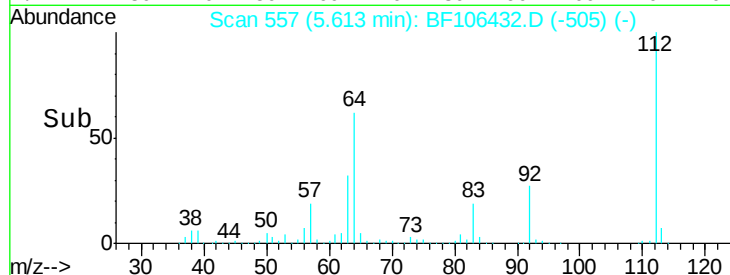
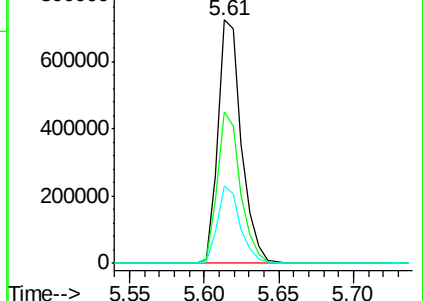
Tot Ion:	112	Resp:	799992
Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.9	71.9
63	31.7	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.416 ng

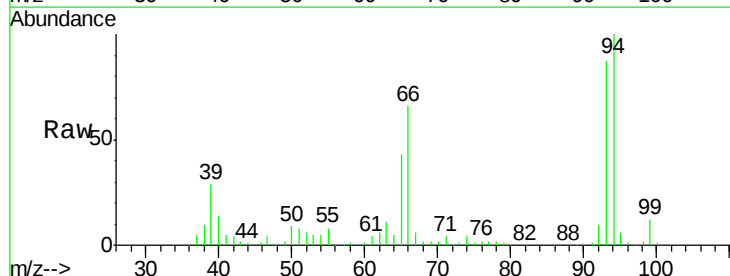
RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

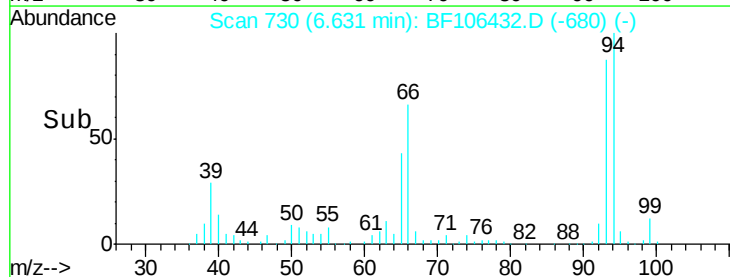
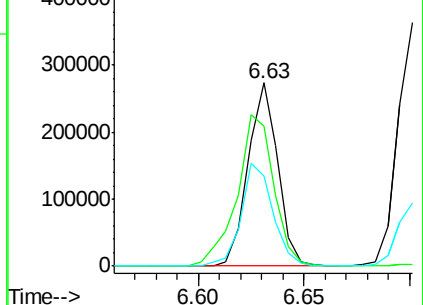
Tgt Ion:	93	Resp:	268795
Ion	Ratio	Lower	Upper
93	100		
66	76.3	32.2	48.2#
65	49.2	16.4	24.6#

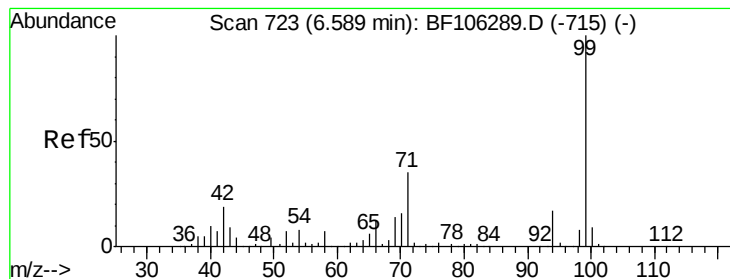


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.289 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

ClientSampled :

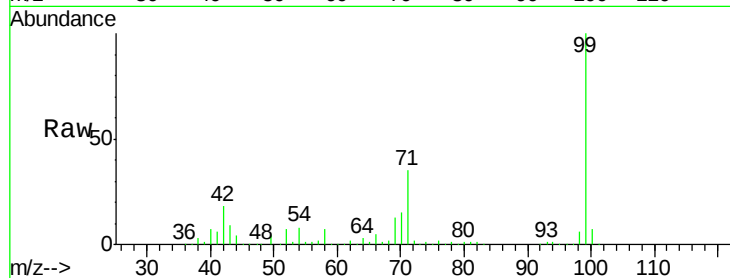
Tot Ion: 99 Resp: 941353

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

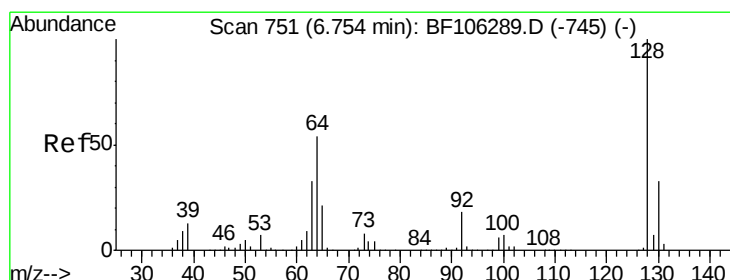
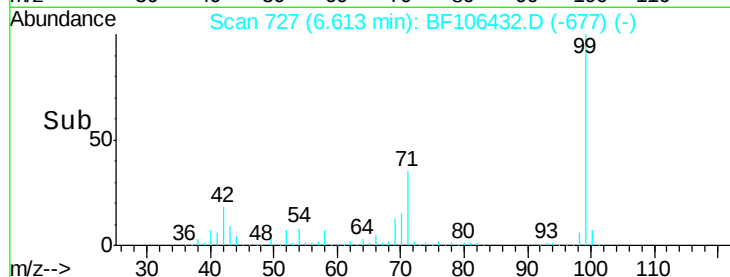
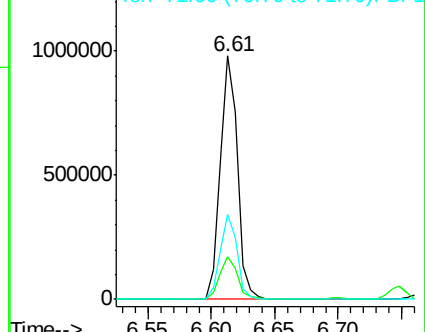
71 35.1 25.4 38.0



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: 36.420 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

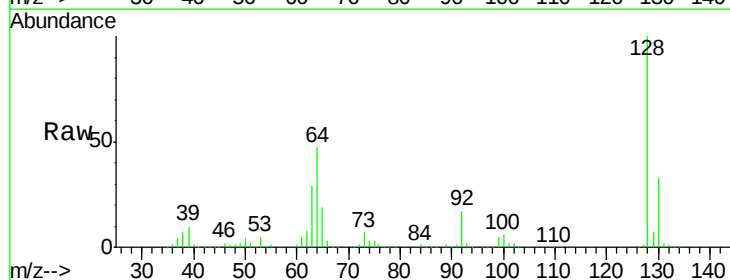
Tgt Ion:128 Resp: 293909

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

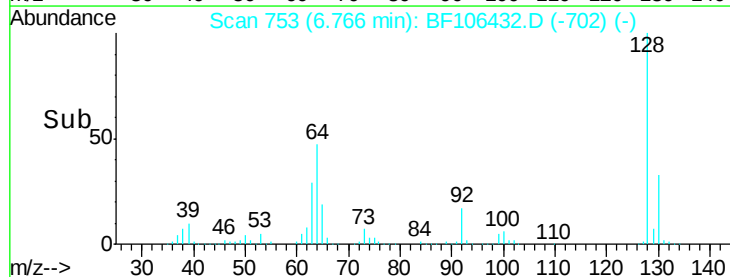
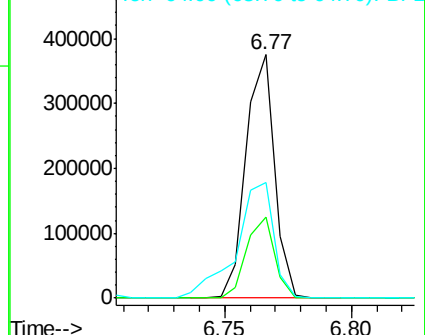
64 47.4 29.4 69.4

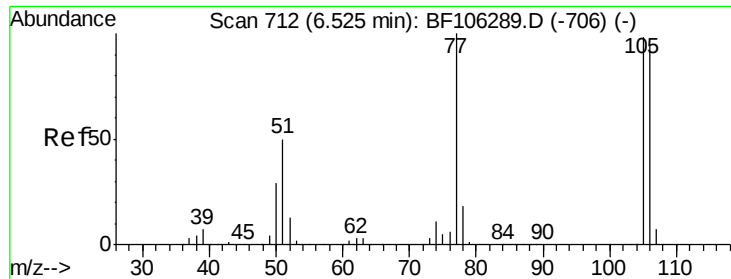


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

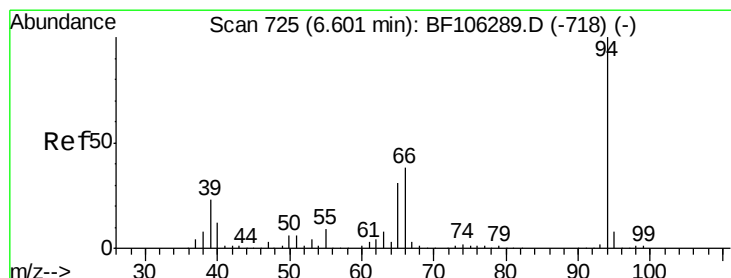
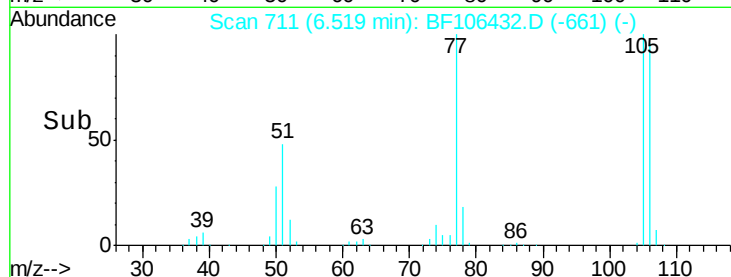
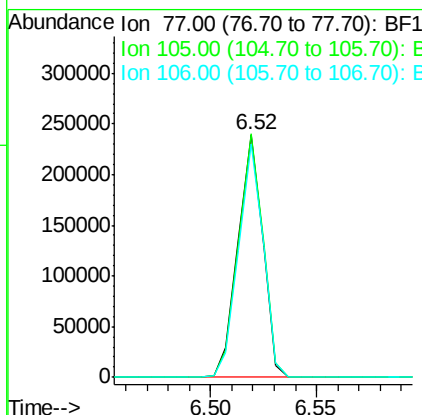
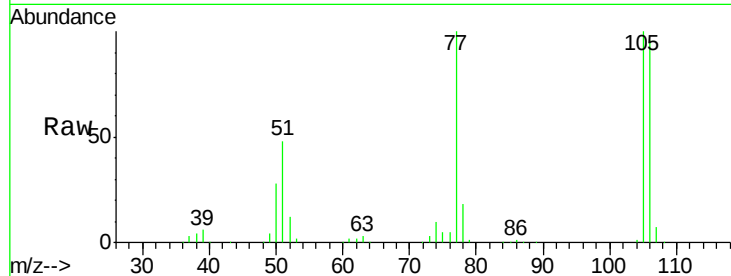




#9
Benzaldehyde
Concen: 26.985 ng
RT: 6.52 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

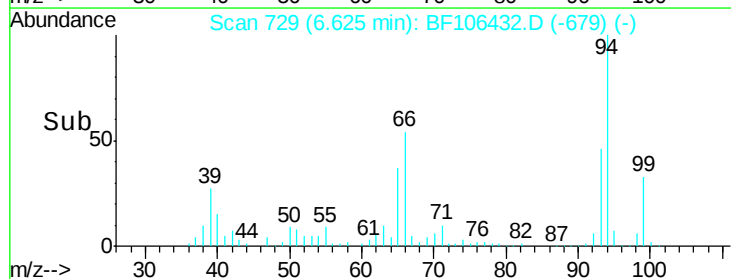
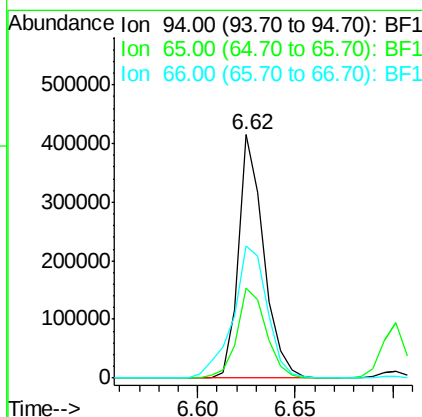
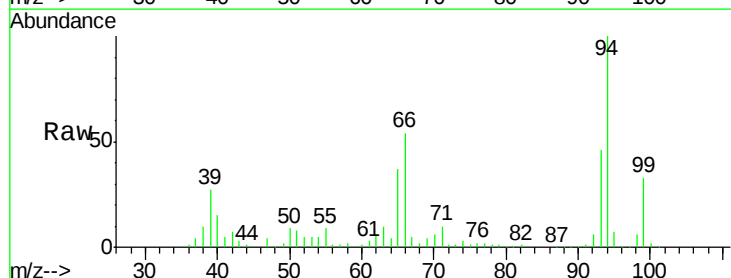
Instrument :
BNA_F
ClientSampleId :

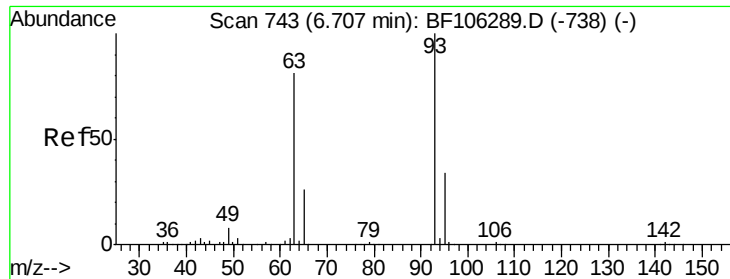
Tot Ion: 77 Resp: 194060
Ion Ratio Lower Upper
77 100
105 100.3 81.1 121.1
106 96.0 74.5 114.5



#10
Phenol
Concen: 35.964 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion: 94 Resp: 372230
Ion Ratio Lower Upper
94 100
65 36.9 7.9 47.9
66 54.5 16.2 56.2

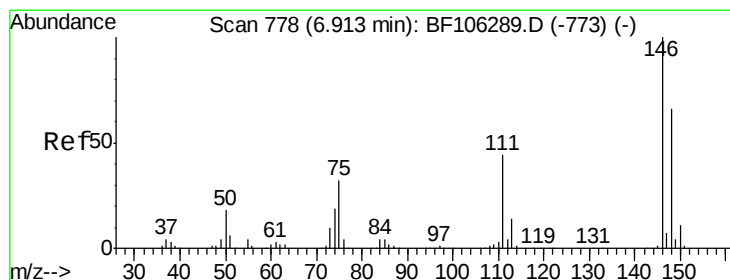
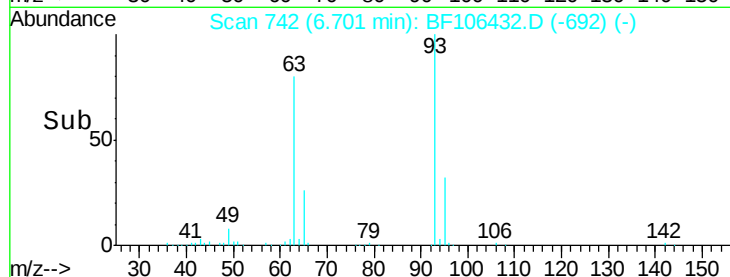
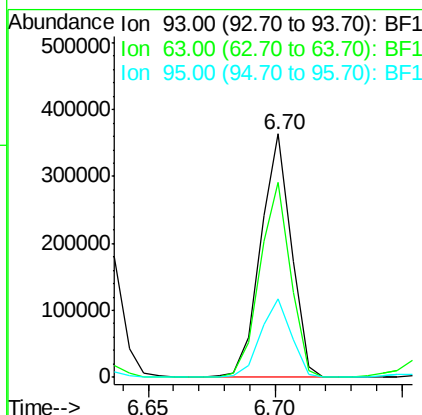
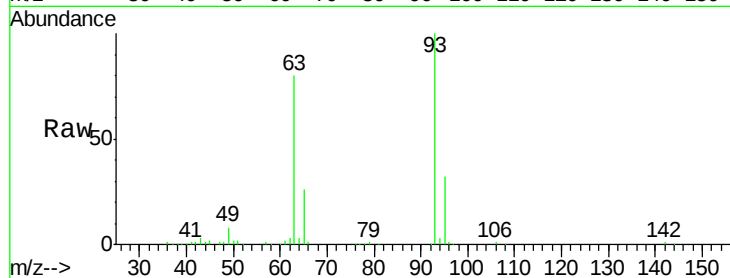




#11
bis(2-Chloroethyl)ether
Concen: 34.272 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

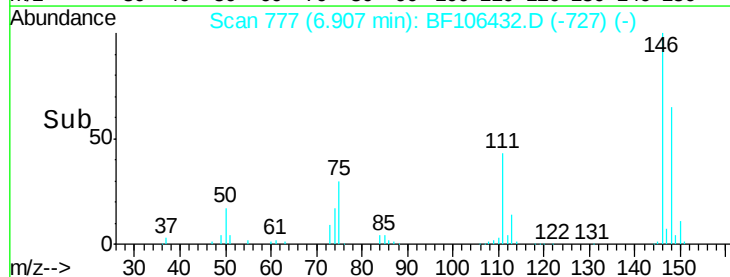
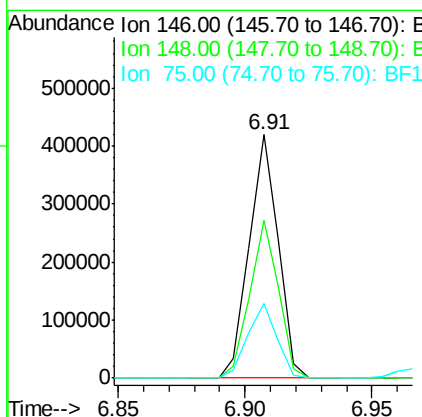
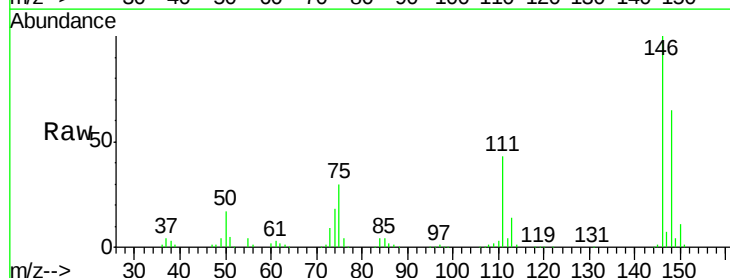
Instrument :
BNA_F
ClientSampleId :

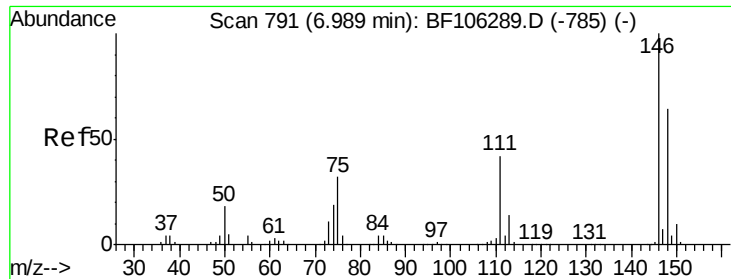
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.3	58.6	98.6
95	32.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 35.130 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	30.4	24.2	36.4

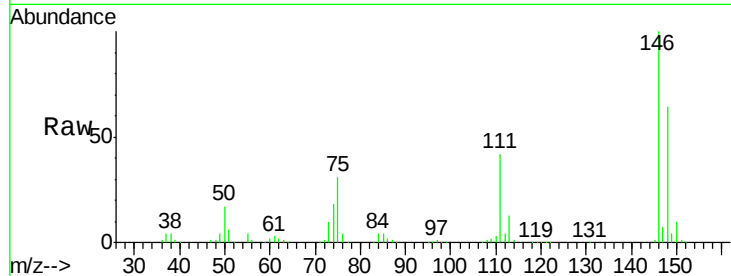




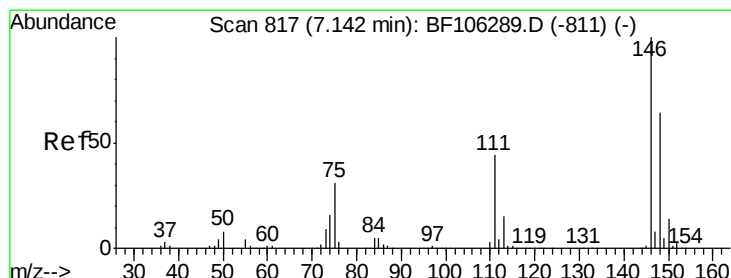
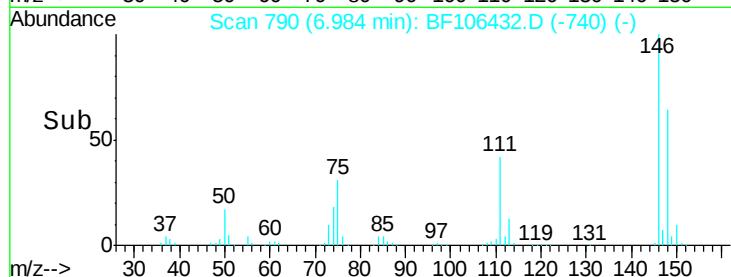
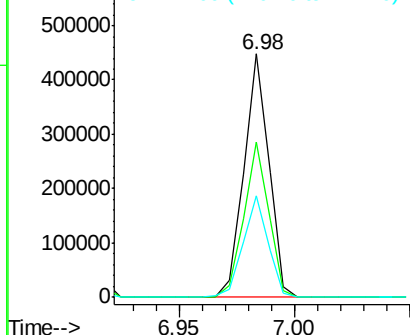
#13
 1,4-Dichlorobenzene
 Concen: 35.053 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 337849
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 41.7 34.2 51.2

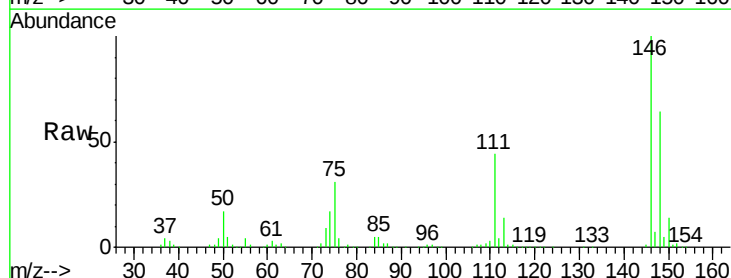


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

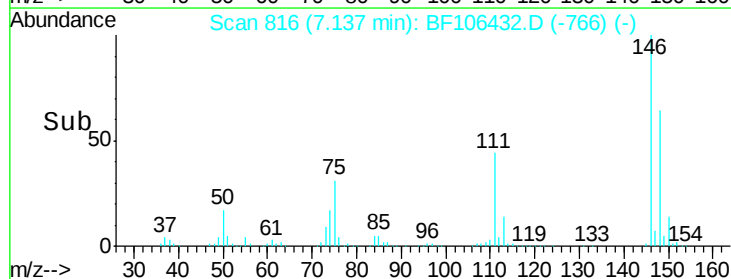
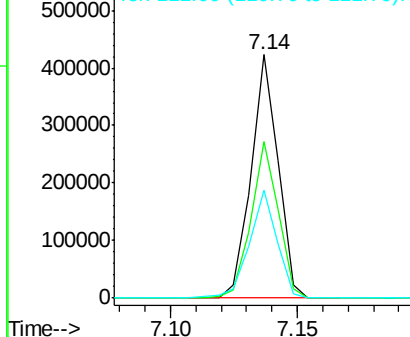


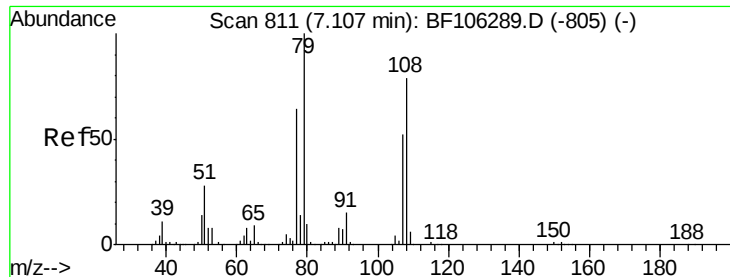
#14
 1,2-Dichlorobenzene
 Concen: 34.597 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion:146 Resp: 313911
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 44.3 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 33.481 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

ClientSampleId :

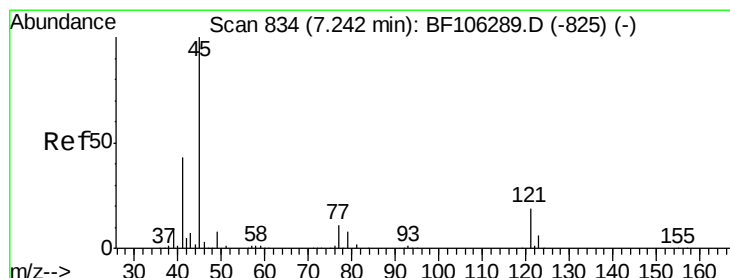
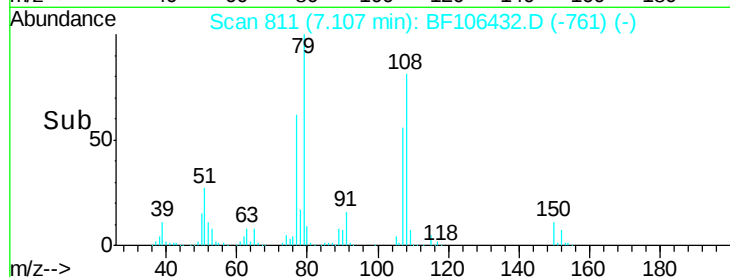
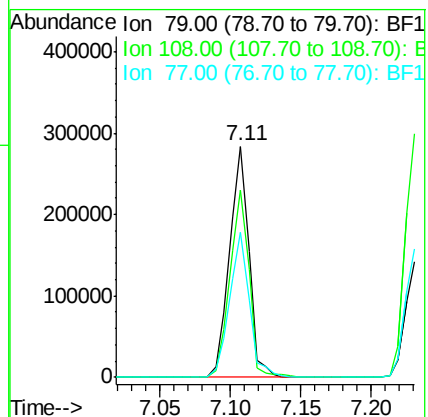
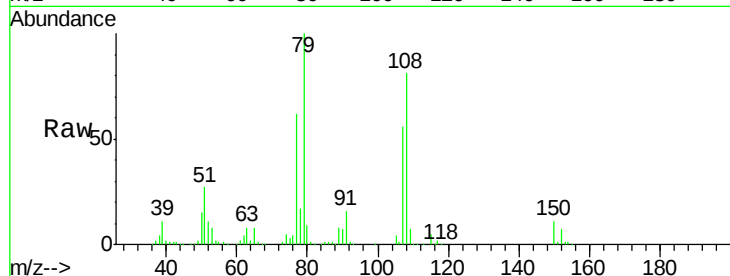
Tot Ion: 79 Resp: 271848

Ion Ratio Lower Upper

79 100

108 80.8 65.1 97.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.785 ng

RT: 7.24 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

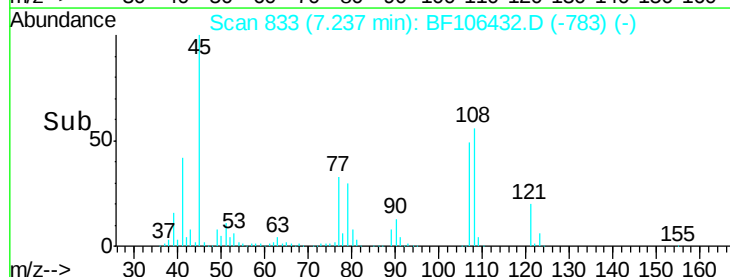
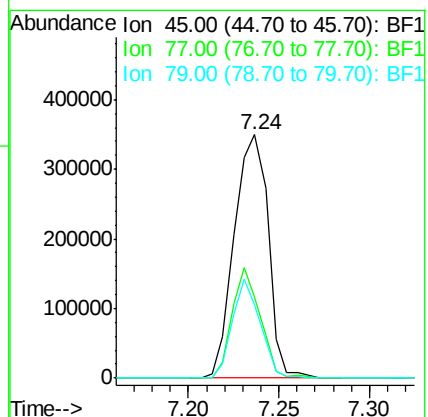
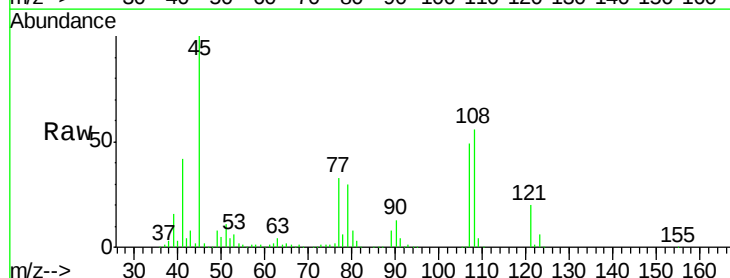
Tgt Ion: 45 Resp: 454517

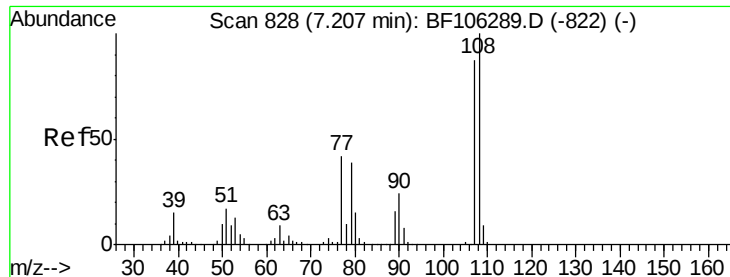
Ion Ratio Lower Upper

45 100

77 33.3 0.0 32.9#

79 30.3 0.0 29.6#

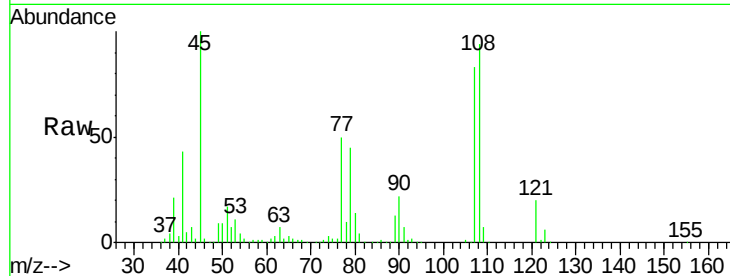




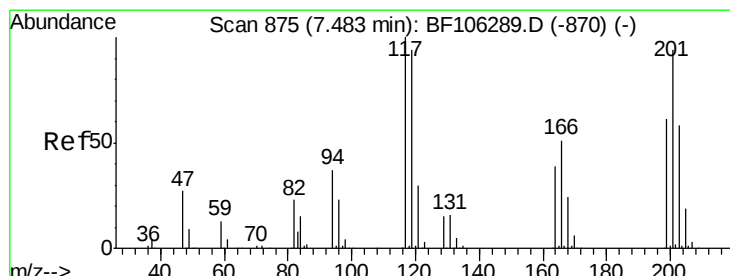
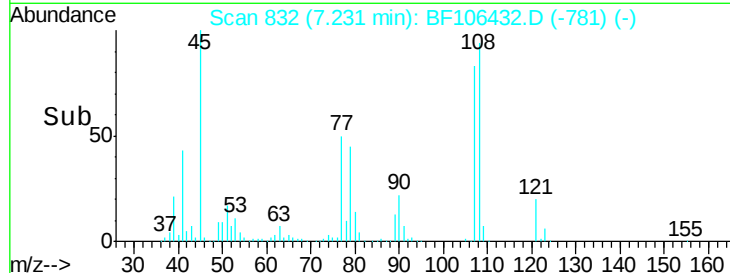
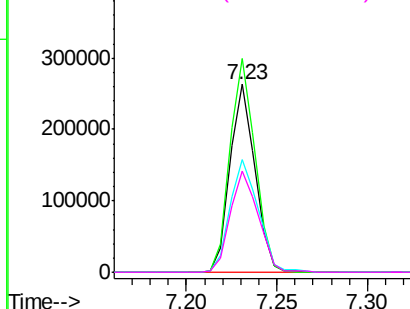
#17
2-Methylphenol
Concen: 35.045 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.7	137.5
77	60.2	33.8	50.8#
79	53.8	33.8	50.8#

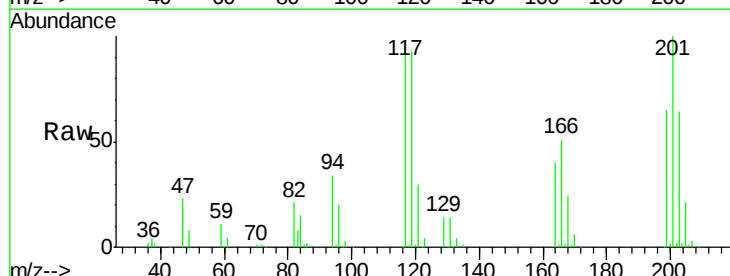


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

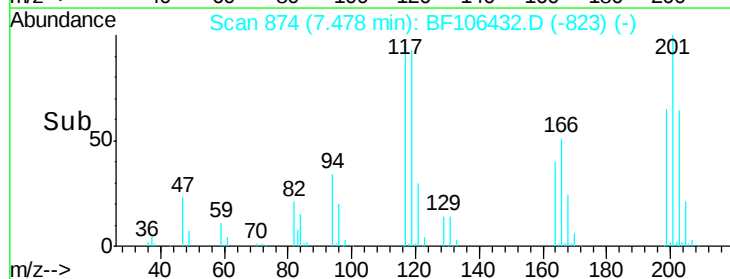
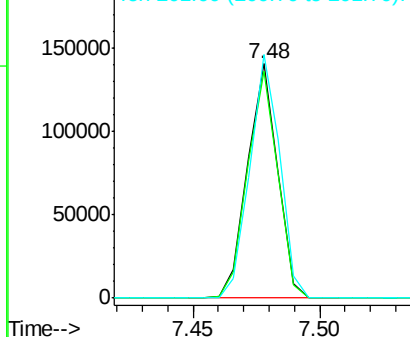


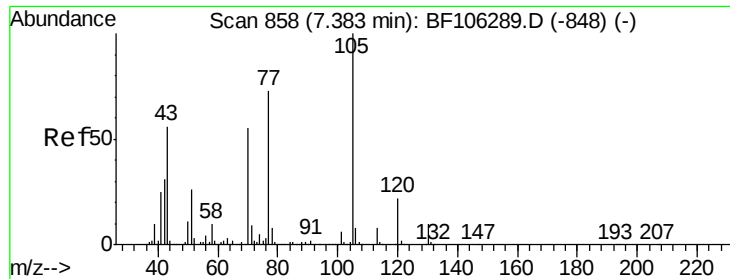
#18
Hexachloroethane
Concen: 33.663 ng
RT: 7.48 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	103.8	75.7	113.5



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

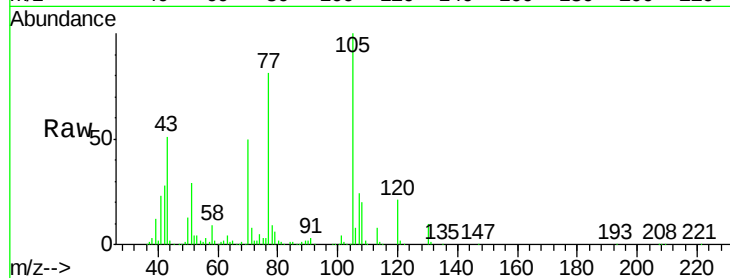




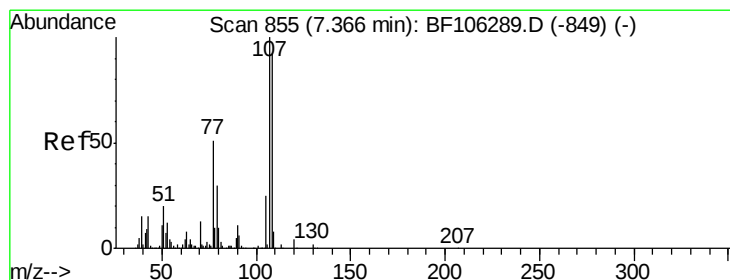
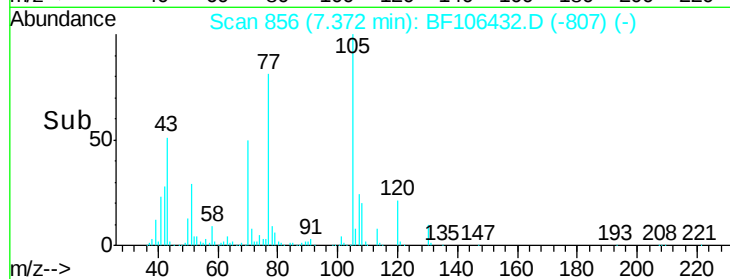
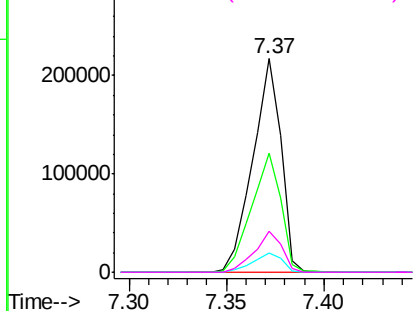
#19
n-Nitroso-di-n-propylamine
Concen: 30.649 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 218003
Ion Ratio Lower Upper
70 100
42 55.7 47.5 71.3
101 8.7 7.4 11.2
130 19.1 16.6 25.0

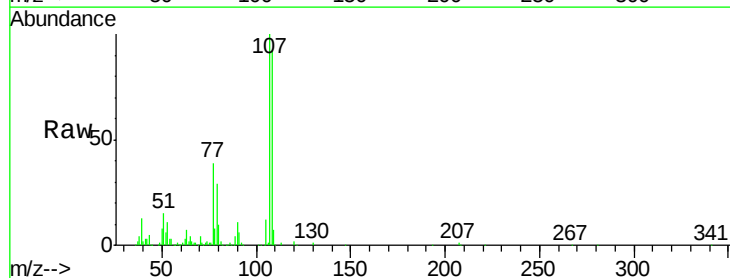


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

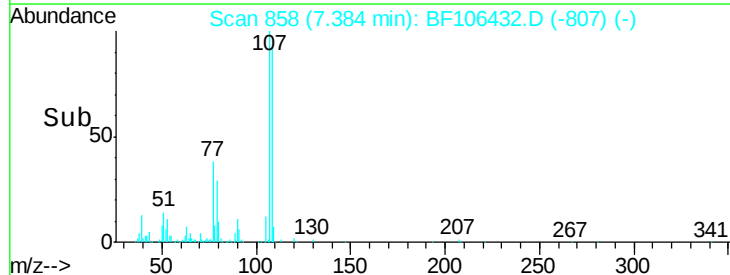
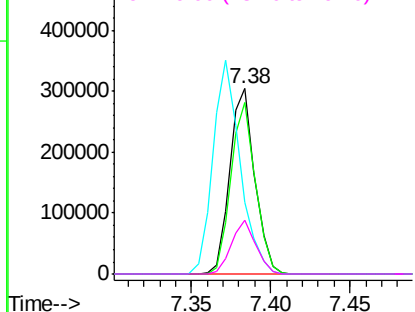


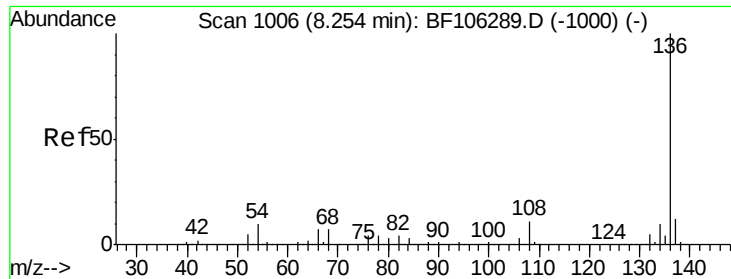
#20
3+4-Methylphenols
Concen: 35.966 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion: 107 Resp: 331154
Ion Ratio Lower Upper
107 100
108 92.2 68.2 108.2
77 38.6 26.7 66.7
79 29.0 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 487977

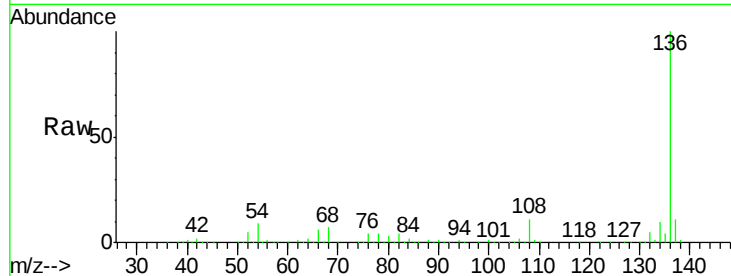
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.3 6.6 9.8

68 7.3 5.0 7.4

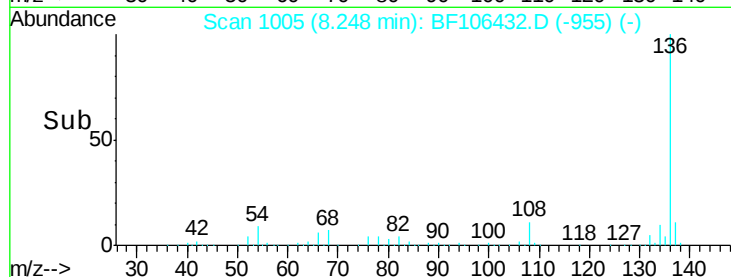


Abundance Ion 136.00 (135.70 to 136.70): E

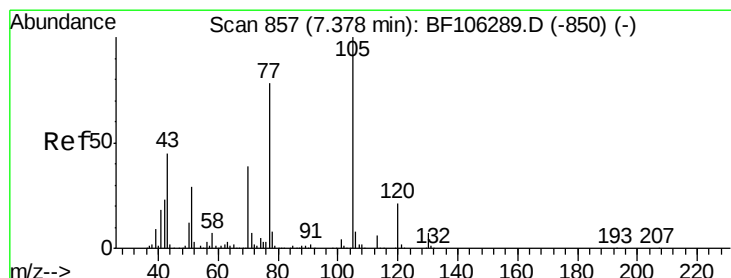
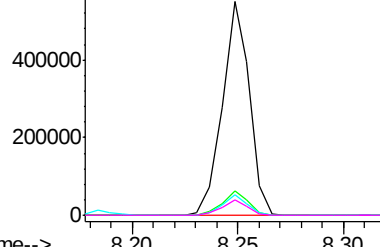
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 33.945 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:105 Resp: 417434

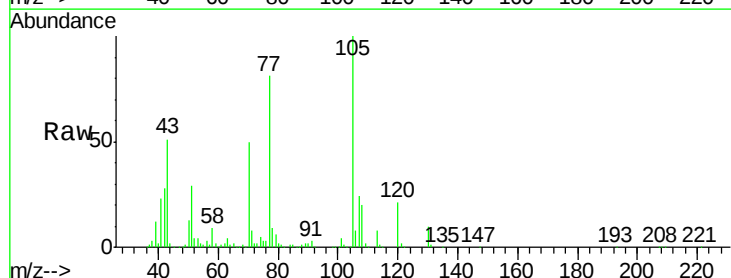
Ion Ratio Lower Upper

105 100

71 8.2 4.4 6.6#

51 29.4 22.3 33.5

120 20.9 16.9 25.3

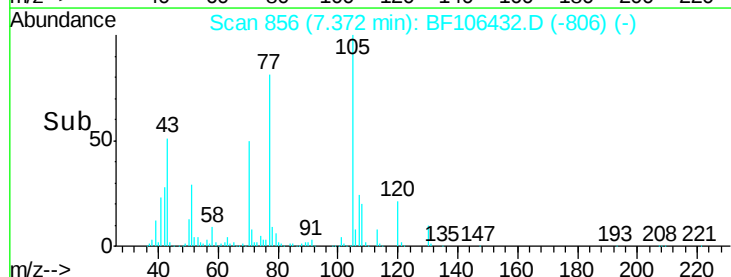


Abundance Ion 105.00 (104.70 to 105.70): E

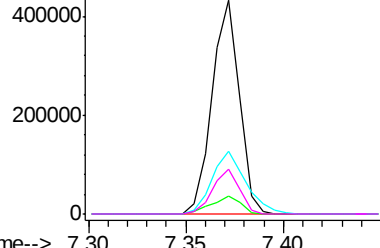
Ion 71.00 (70.70 to 71.70): BF1

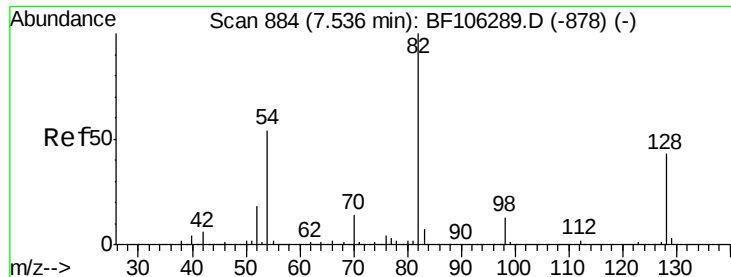
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

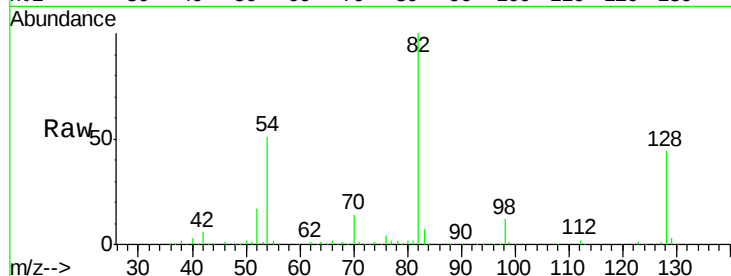




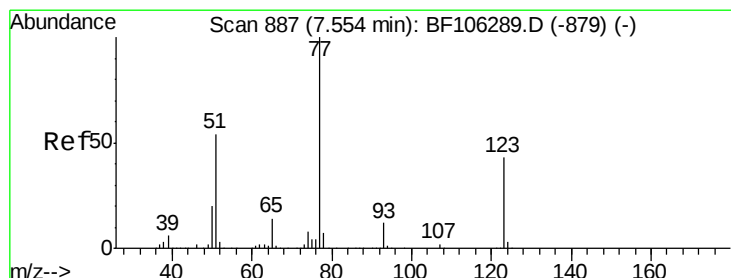
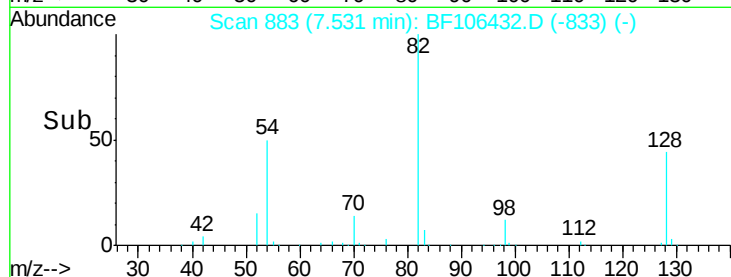
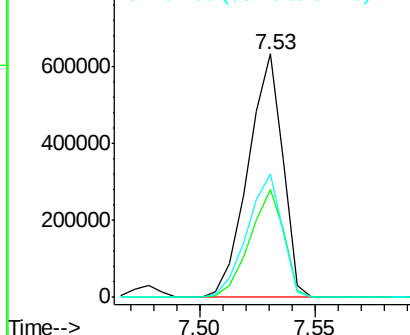
#23
Nitrobenzene-d5
Concen: 79.637 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 660584
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 50.8 41.4 62.2

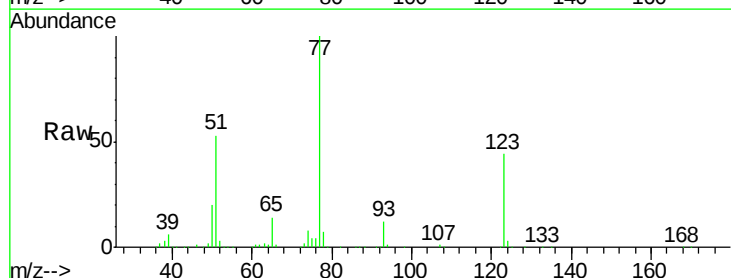


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

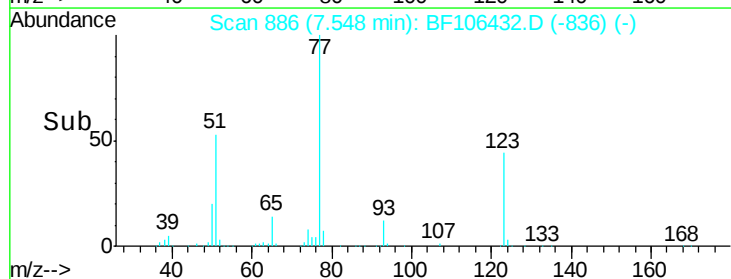
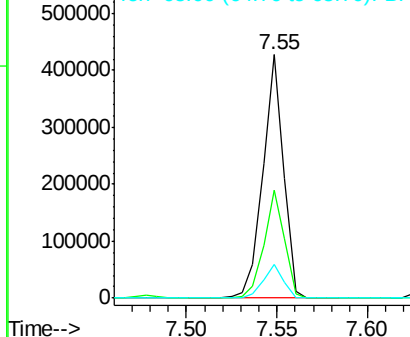


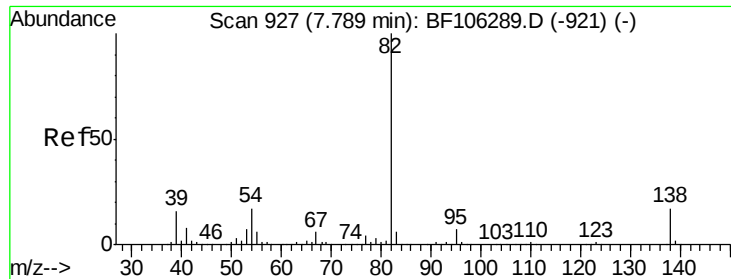
#24
Nitrobenzene
Concen: 37.493 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion: 77 Resp: 338023
Ion Ratio Lower Upper
77 100
123 44.2 37.9 56.9
65 14.1 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

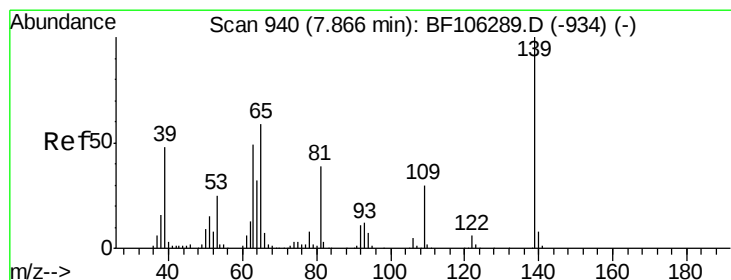
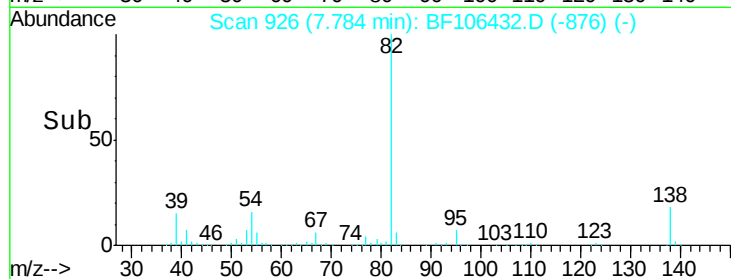
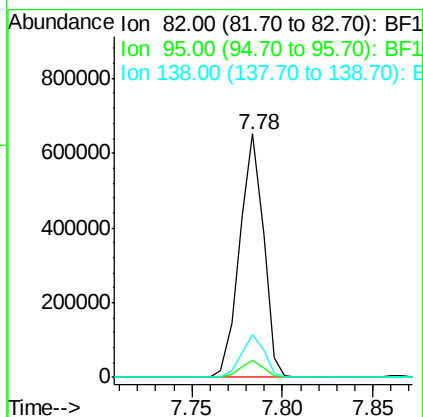
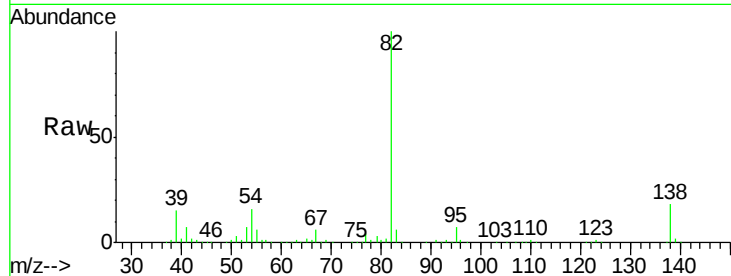




#25
Isophorone
Concen: 36.964 ng
RT: 7.78 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

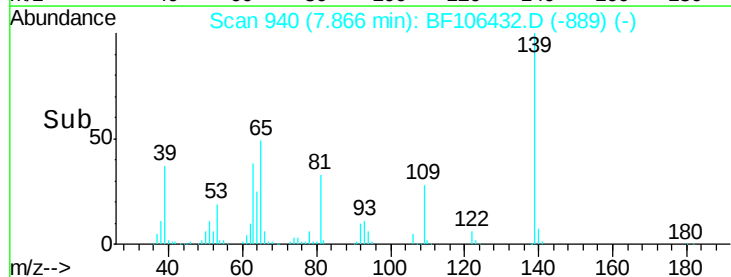
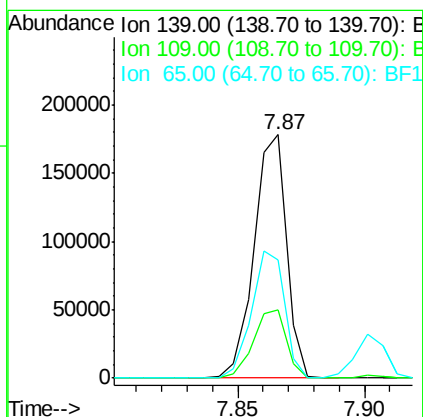
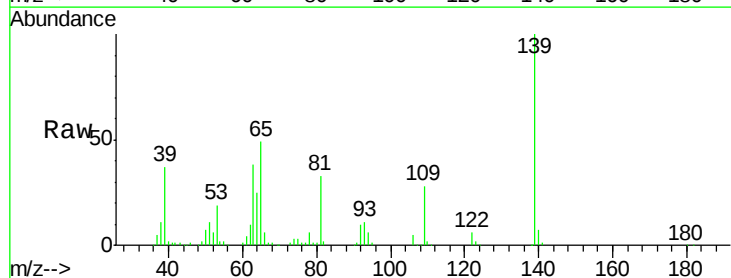
Instrument :
BNA_F
ClientSampleId :

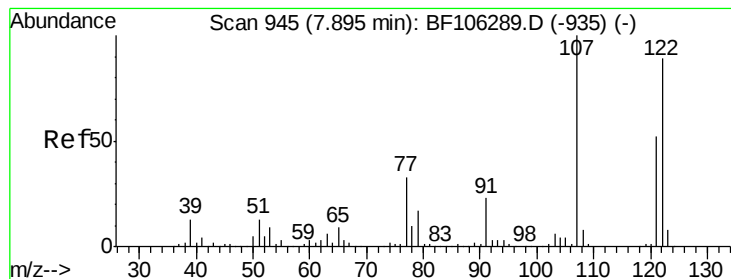
Tot Ion: 82 Resp: 598892
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 17.7 14.9 22.3



#26
2-Nitrophenol
Concen: 45.729 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion: 139 Resp: 160025
Ion Ratio Lower Upper
139 100
109 27.8 22.7 34.1
65 48.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.576 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

ClientSampled :

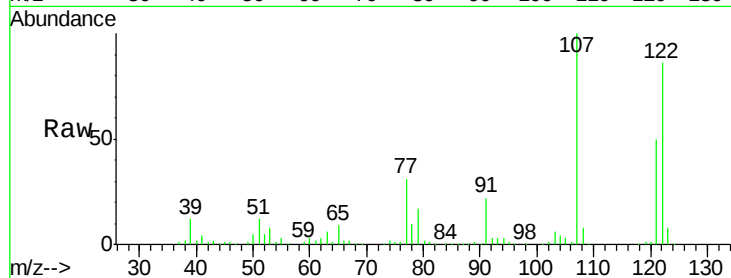
Tot Ion:122 Resp: 271455

Ion Ratio Lower Upper

122 100

107 115.9 91.2 136.8

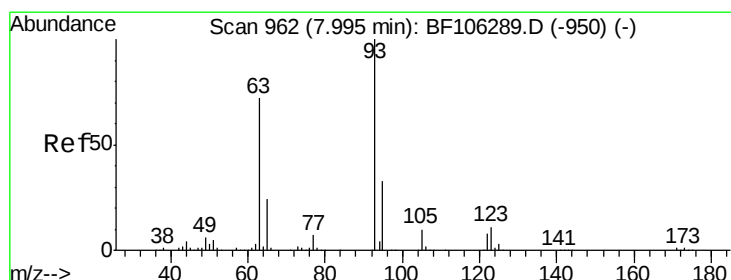
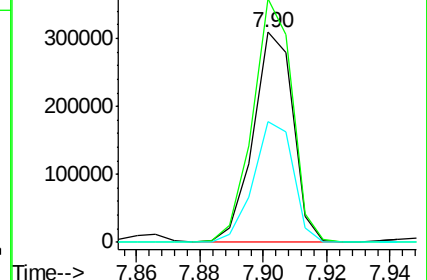
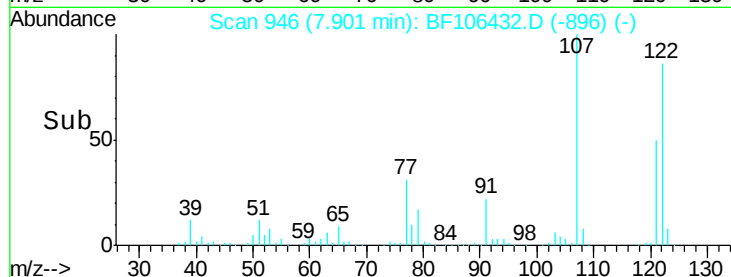
121 57.7 47.2 70.8



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: 36.677 ng

RT: 7.99 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

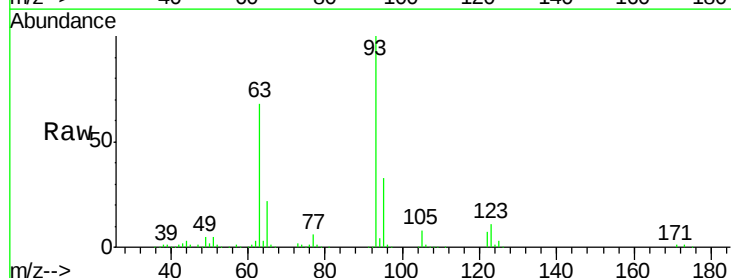
Tgt Ion: 93 Resp: 385312

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

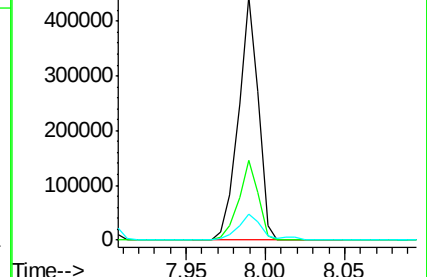
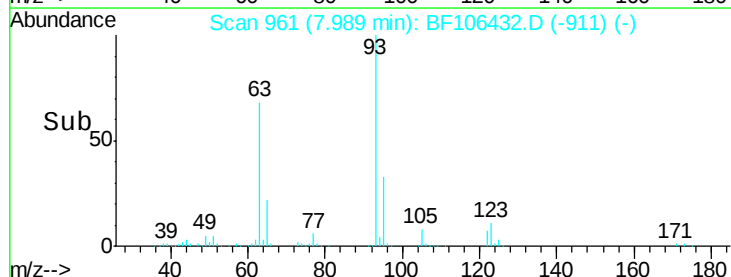
123 10.9 9.8 14.6

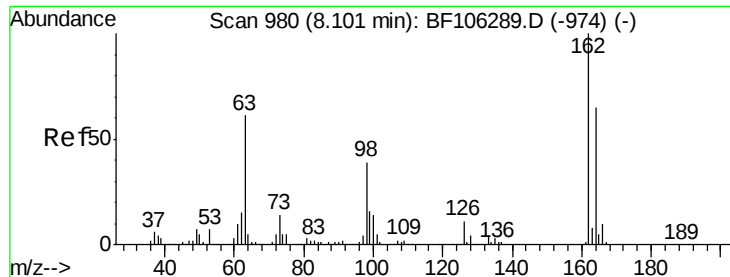


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

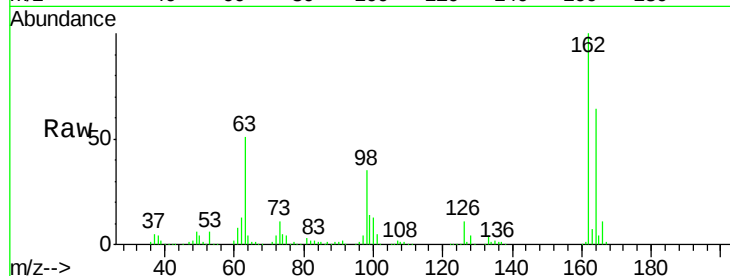




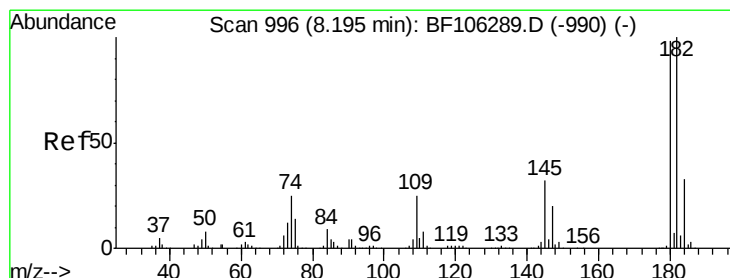
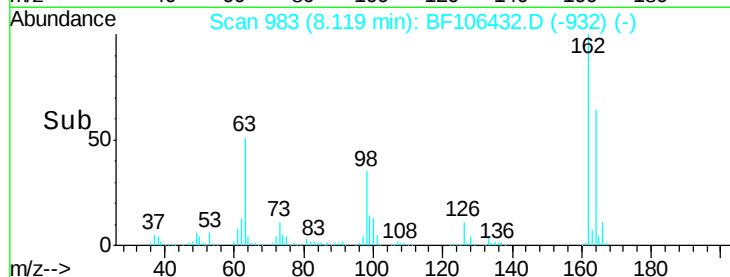
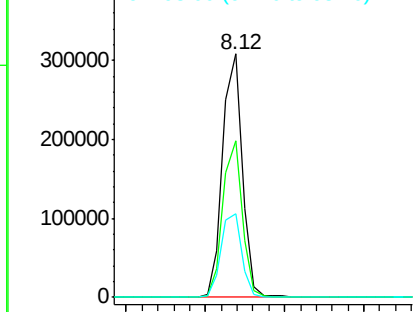
#29
2,4-Dichlorophenol
Concen: 40.297 ng
RT: 8.12 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	34.6	18.1	58.1

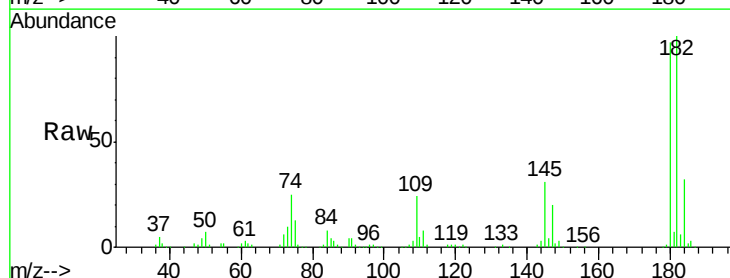


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

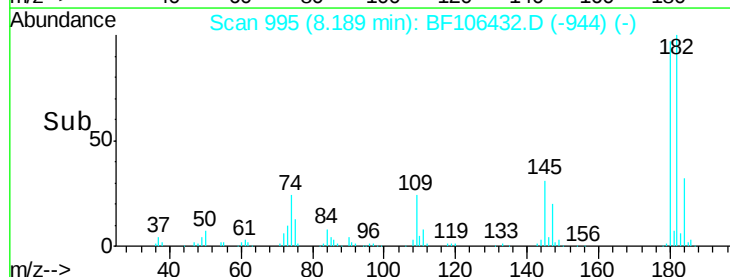
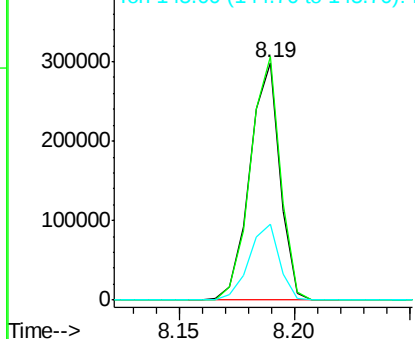


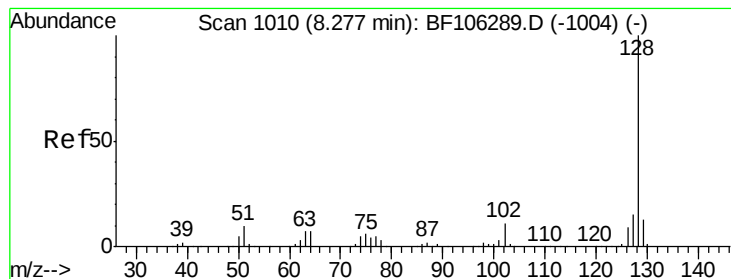
#30
1,2,4-Trichlorobenzene
Concen: 36.648 ng
RT: 8.19 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.6	76.8	115.2
145	31.8	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: 37.662 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

ClientSampleId :

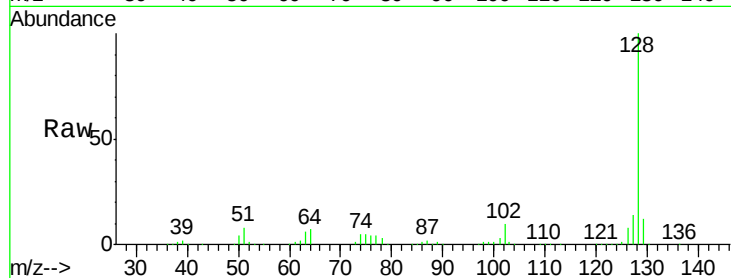
Tot Ion:128 Resp: 830802

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

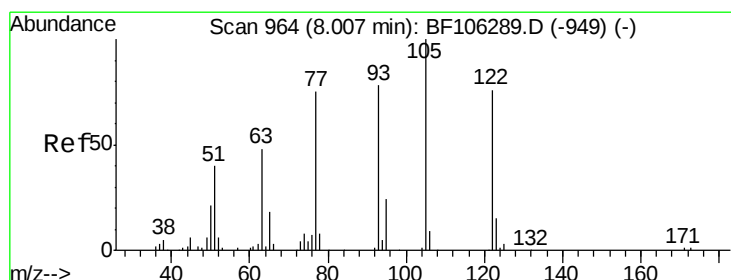
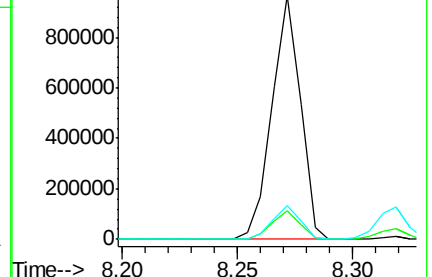
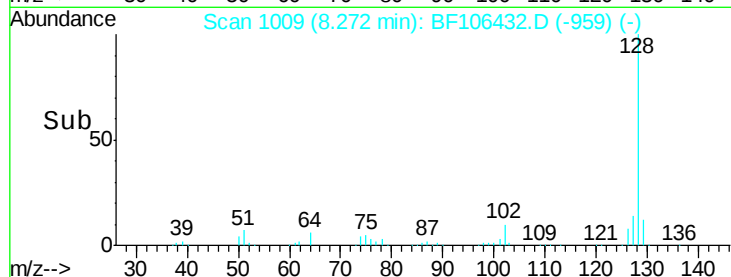
127 14.0 10.9 16.3



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: 32.430 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

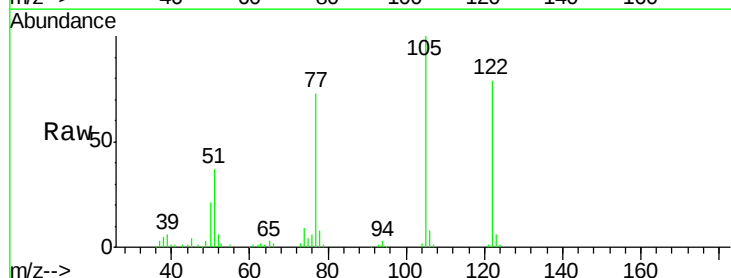
Tgt Ion:122 Resp: 149957

Ion Ratio Lower Upper

122 100

105 126.6 101.1 141.1

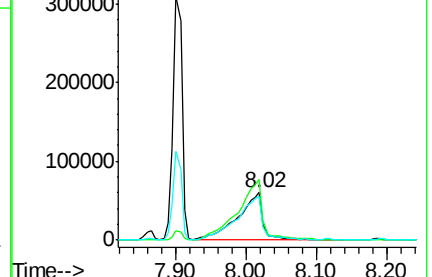
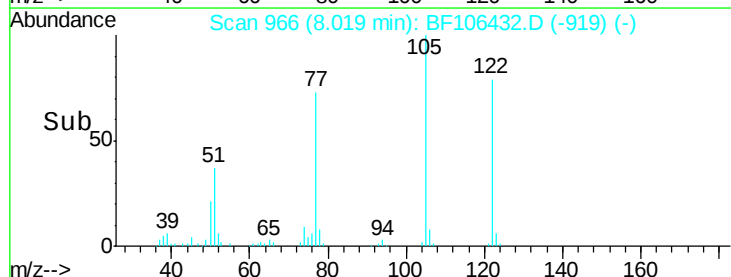
77 92.2 70.7 110.7

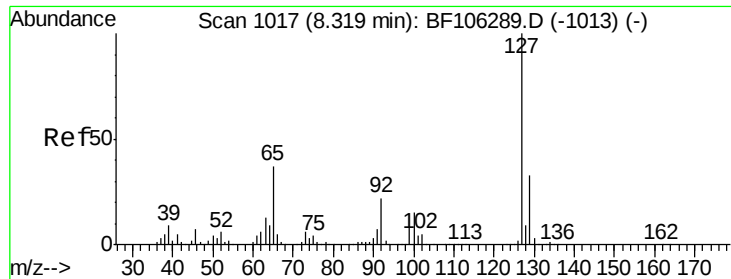


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

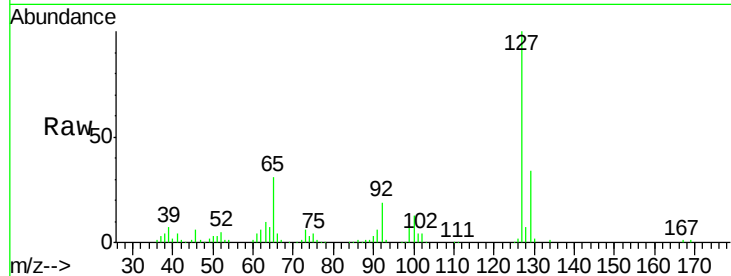




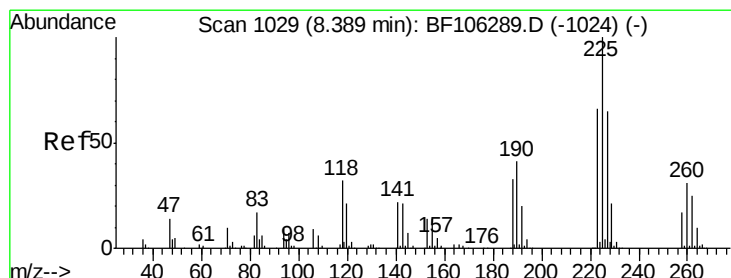
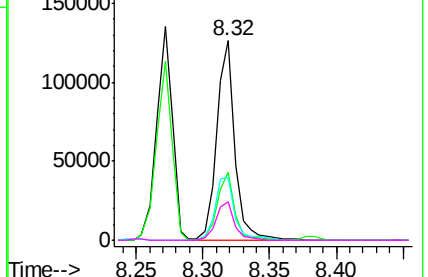
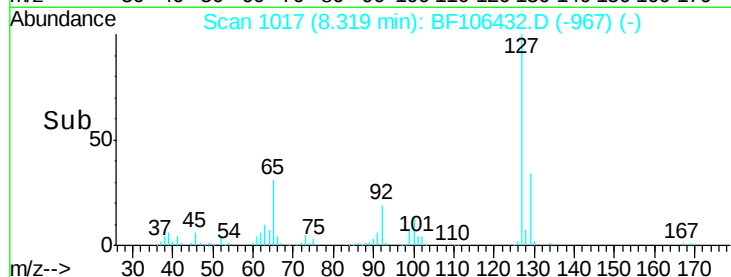
#33
4-Chloroaniline
Concen: 12.369 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	120918
Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.9	38.9
65	31.5	25.0	37.4
92	19.2	15.2	22.8

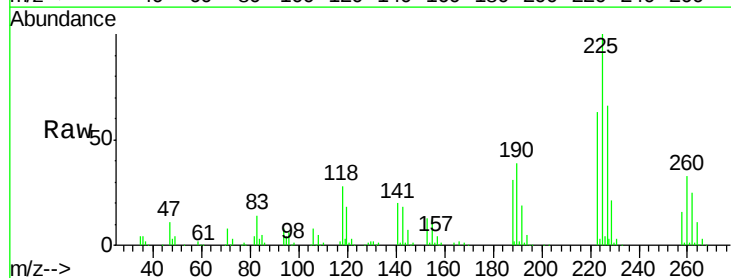


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

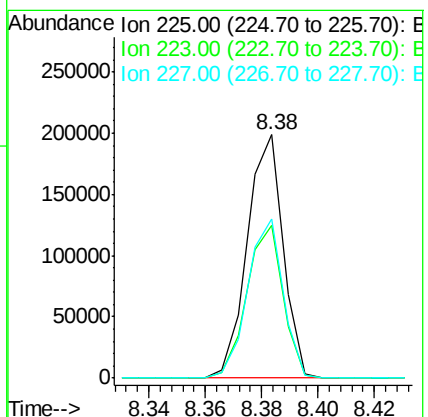
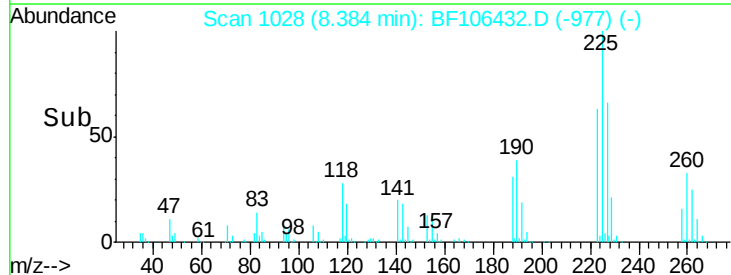


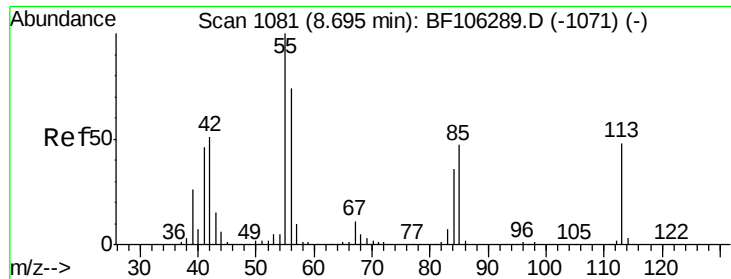
#34
Hexachlorobutadiene
Concen: 36.645 ng
RT: 8.38 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion:	225	Resp:	174675
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	65.6	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

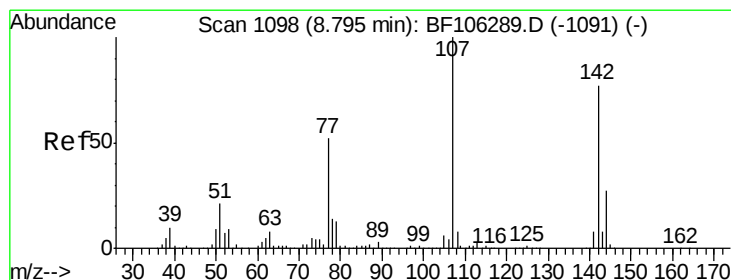
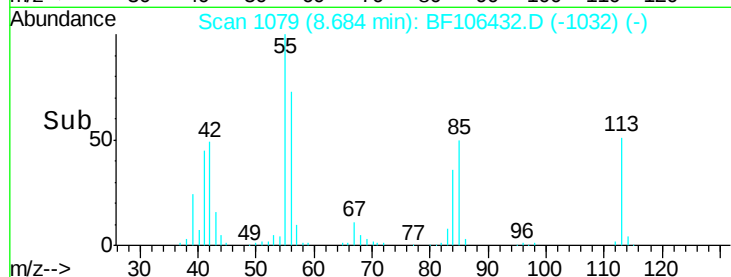
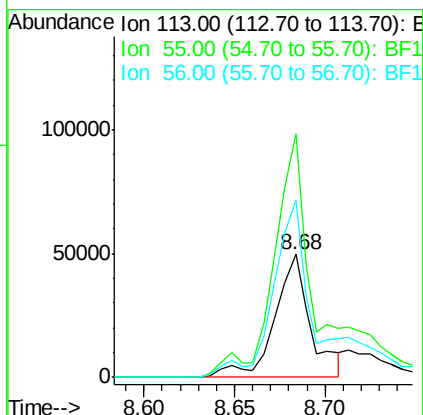
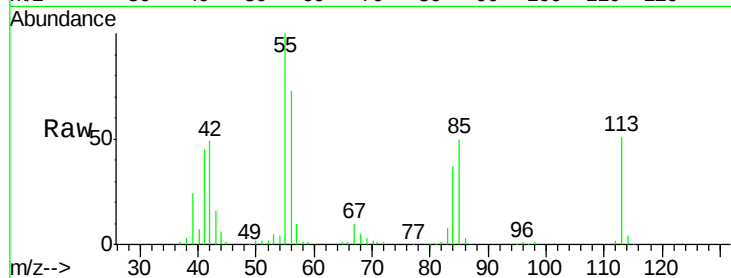




#35
 Caprolactam
 Concen: 30.480 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

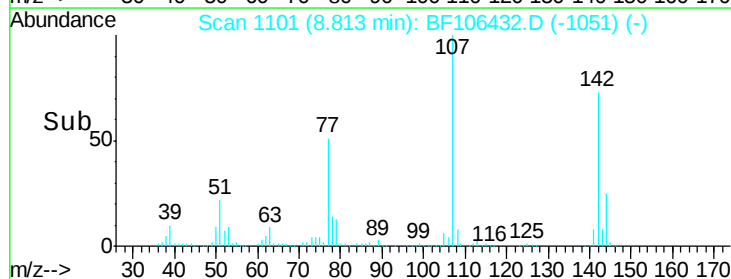
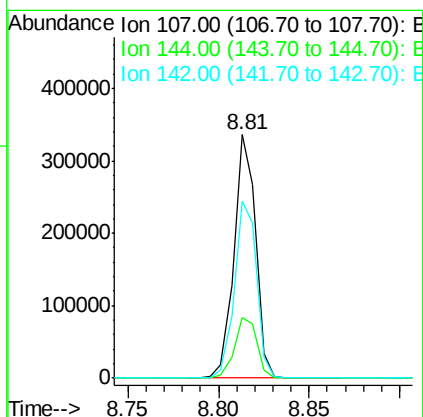
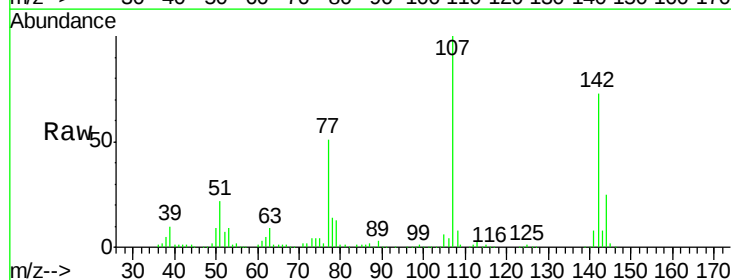
Instrument :
 BNA_F
 ClientSampleId :

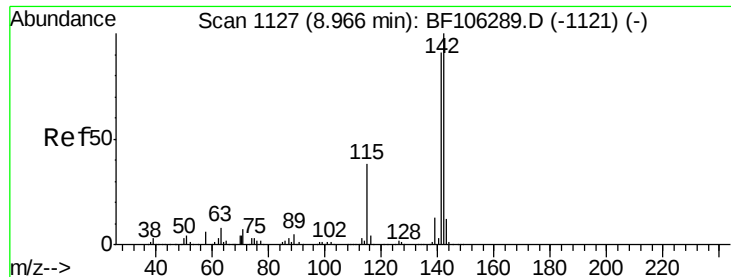
Tot Ion:113 Resp: 68220
 Ion Ratio Lower Upper
 113 100
 55 197.9 163.3 203.3
 56 144.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.110 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion:107 Resp: 278953
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 72.7 62.0 93.0

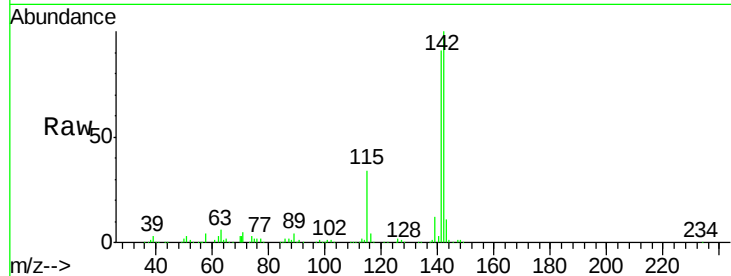




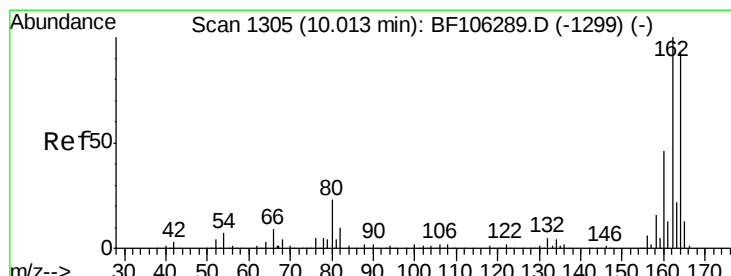
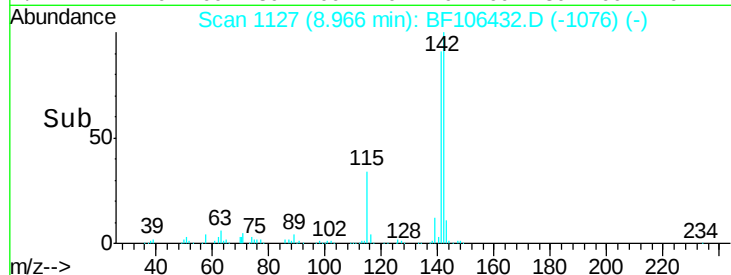
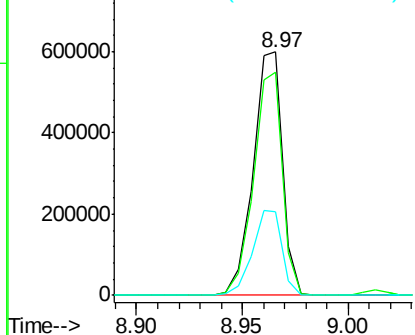
#37
2-Methylnaphthalene
Concen: 38.531 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.8	106.2
115	34.4	26.1	39.1

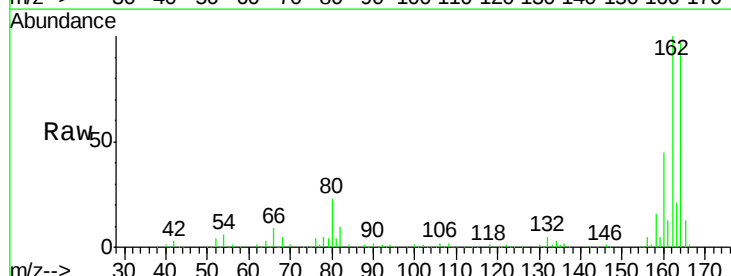


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

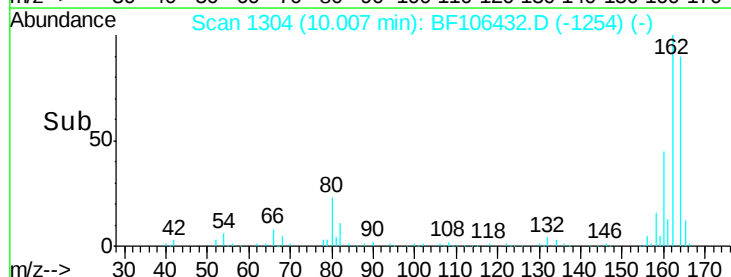
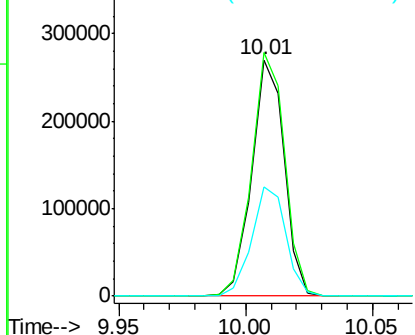


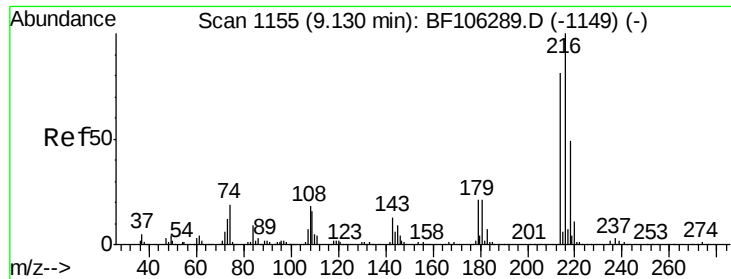
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.2	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

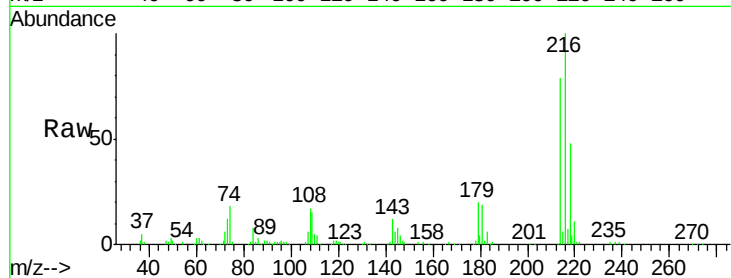




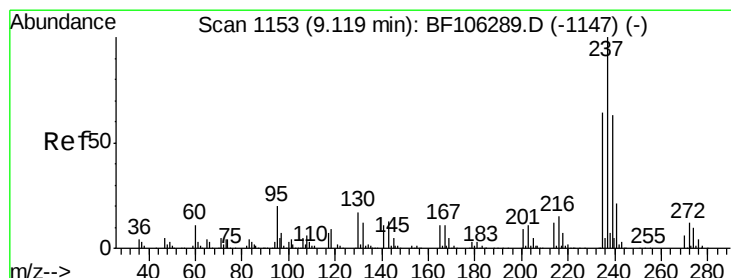
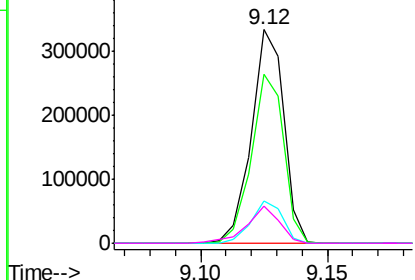
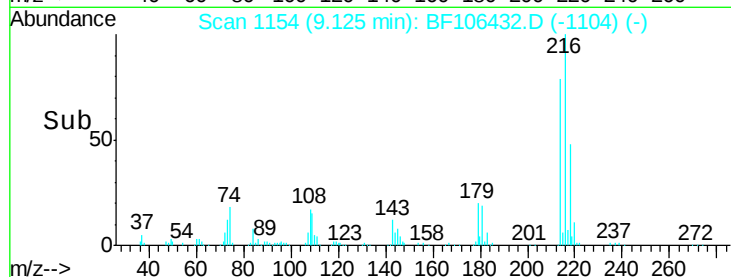
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.012 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	297174
Ion Ratio	Lower	Upper
216	100	
214	79.1	63.0 94.4
179	19.5	18.1 27.1
108	17.8	17.2 25.8

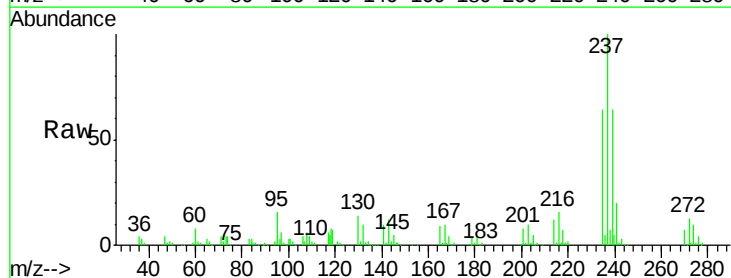


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

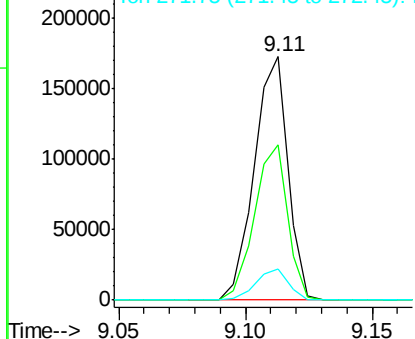
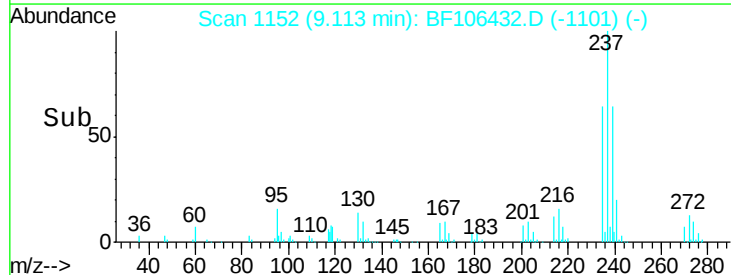


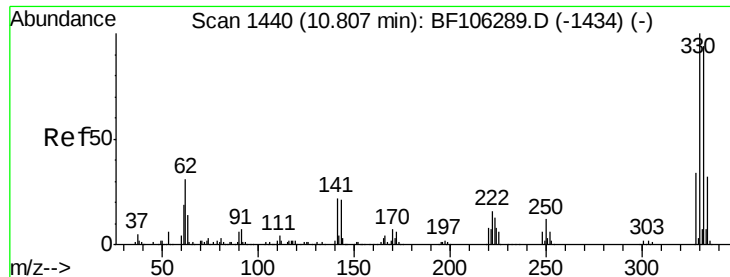
#40
 Hexachlorocyclopentadiene
 Concen: 37.106 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion:237	Resp:	160051
Ion Ratio	Lower	Upper
237	100	
235	63.7	44.8 84.8
272	12.6	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

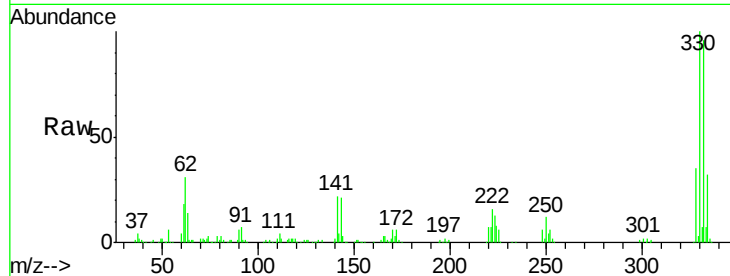




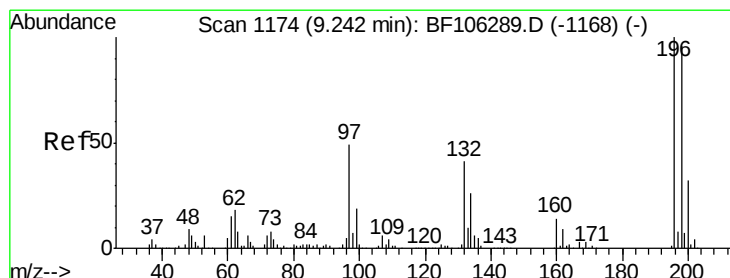
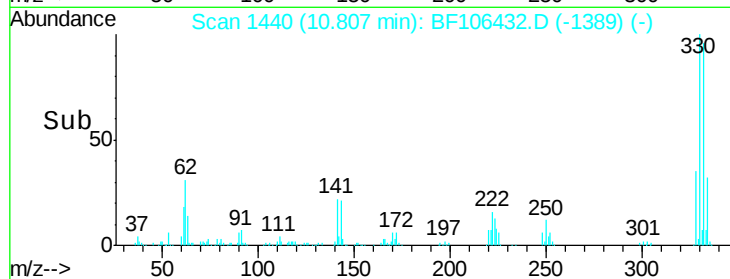
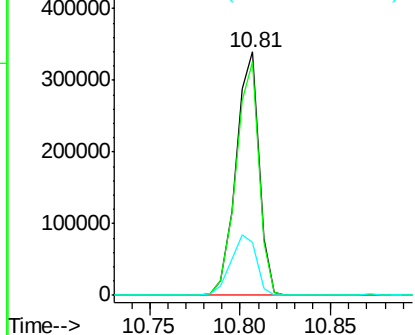
#41
 2,4,6-Tribromophenol
 Concen: 130.020 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	27.7	29.9	44.9

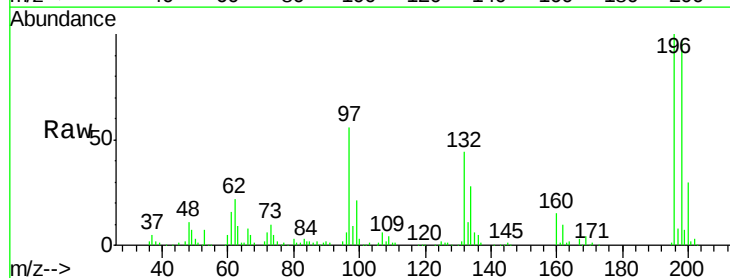


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

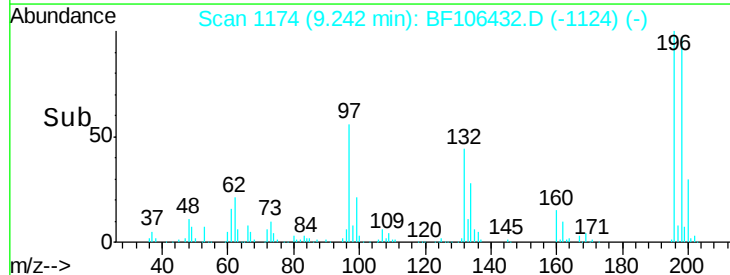
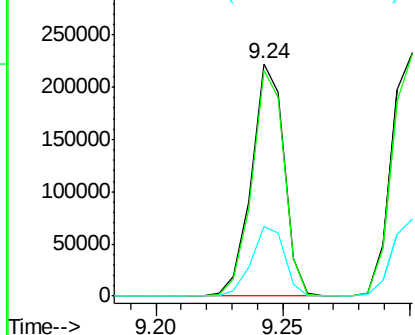


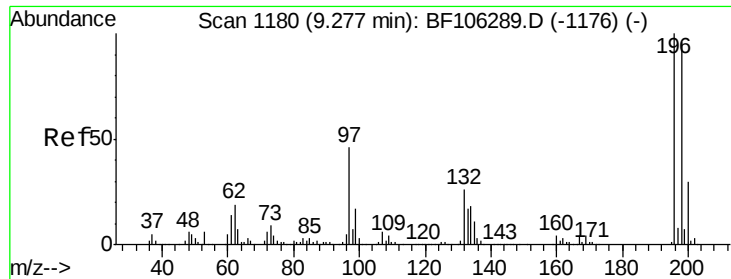
#42
 2,4,6-Trichlorophenol
 Concen: 40.223 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
200	29.8	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

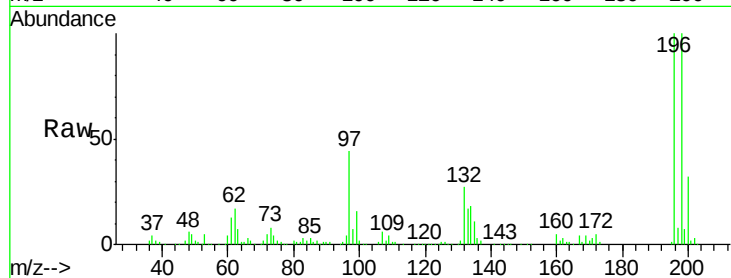




#43
 2,4,5-Trichlorophenol
 Concen: 39.247 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.7	74.6	112.0
97	44.1	42.9	64.3
132	26.5	26.3	39.5



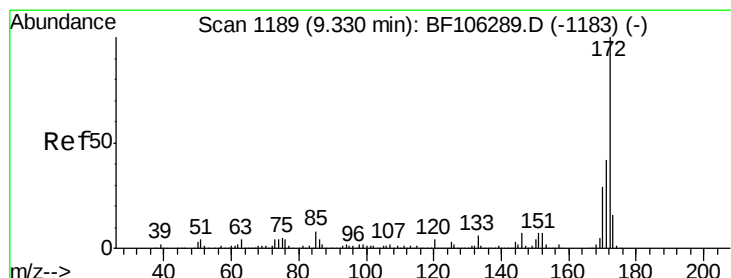
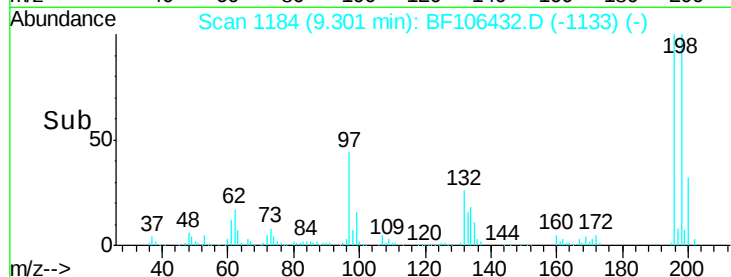
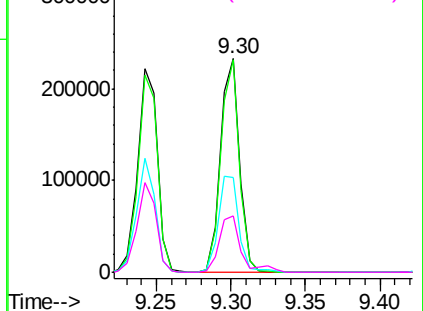
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

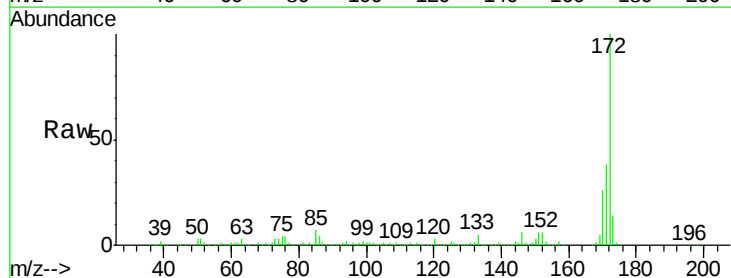
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.025 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.7	44.5
170	26.3	19.6	29.4

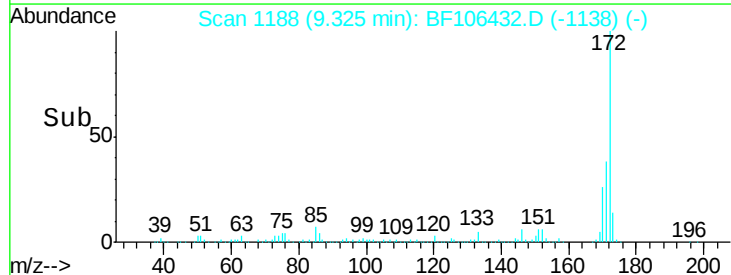
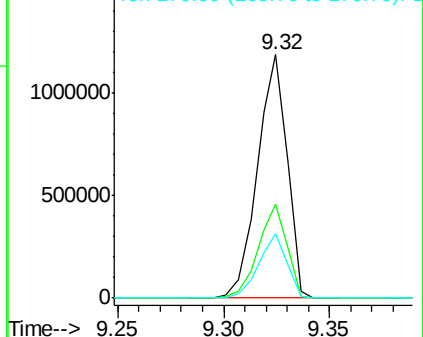


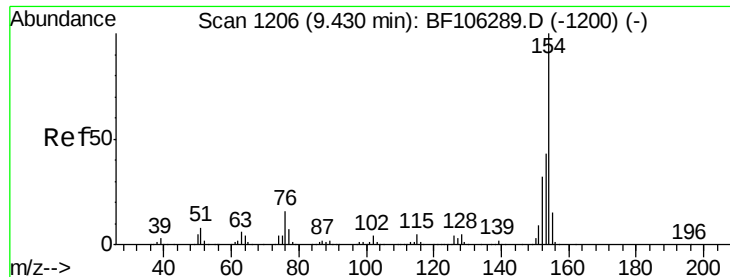
Abundance

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

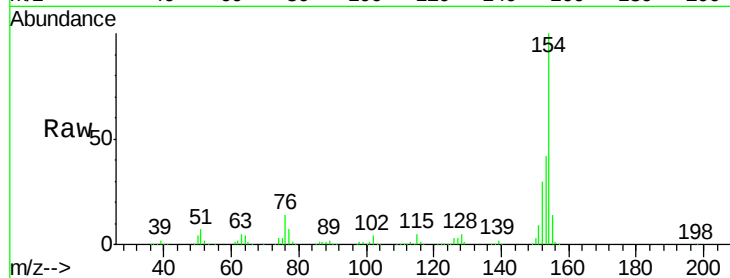




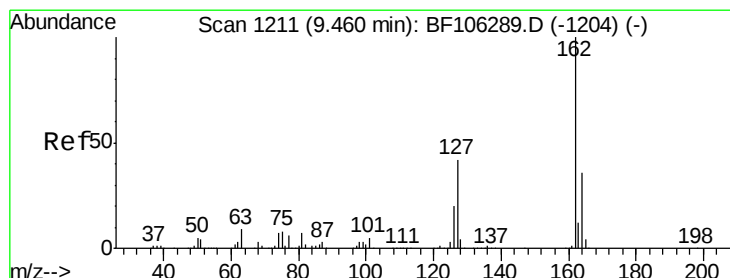
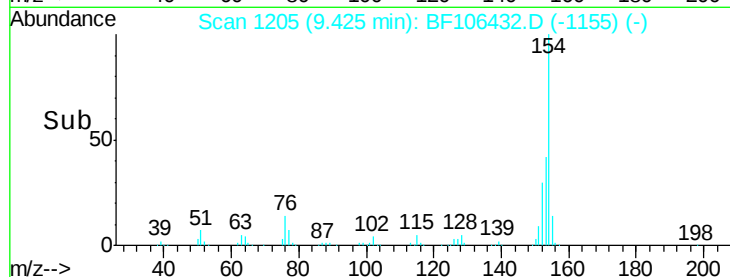
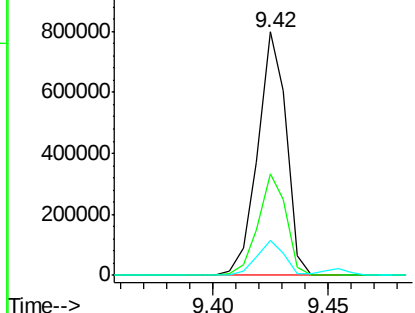
#45
 1,1'-Biphenyl
 Concen: 36.778 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.3	61.3
76	14.3	0.0	34.0

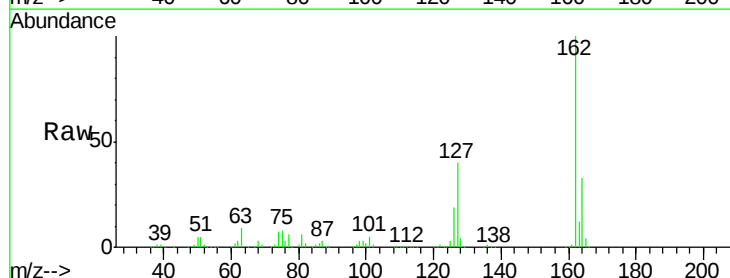


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

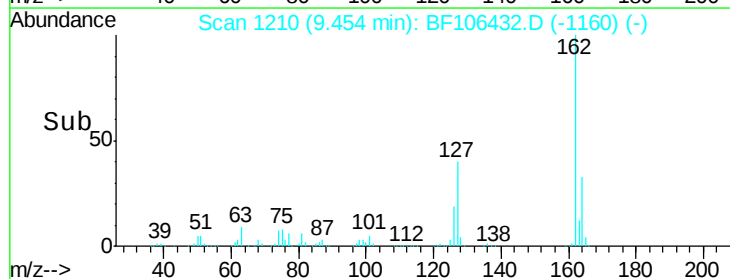
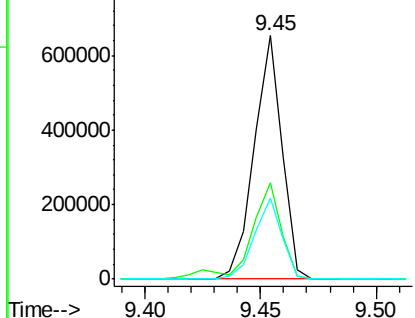


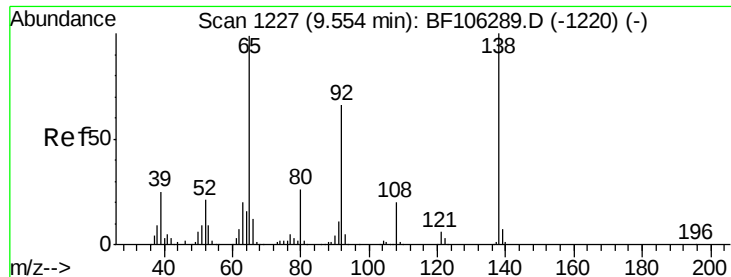
#46
 2-Chloronaphthalene
 Concen: 36.862 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.9	50.9
164	33.5	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

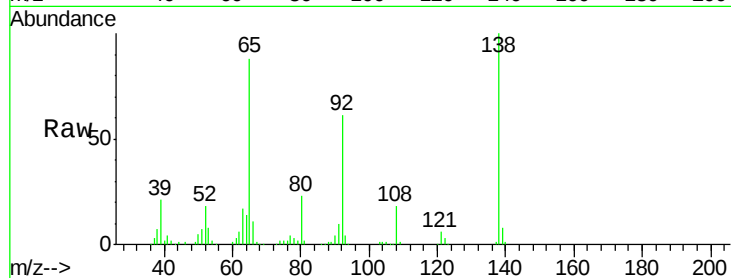




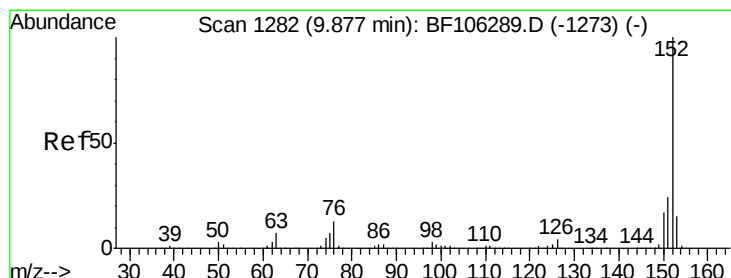
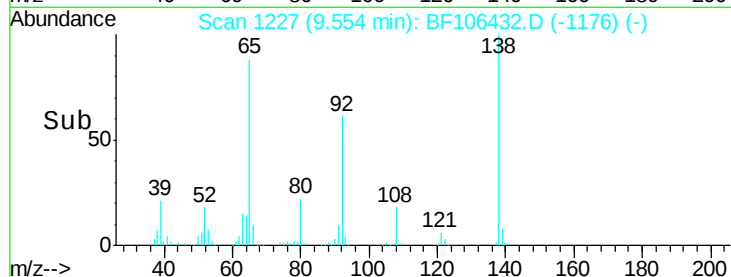
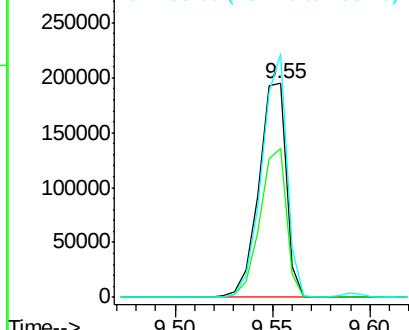
#47
2-Nitroaniline
Concen: 40.692 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 191086
Ion Ratio Lower Upper
65 100
92 69.9 55.8 83.6
138 113.9 91.2 136.8

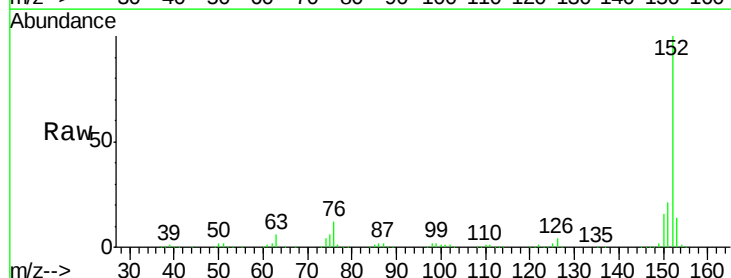


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

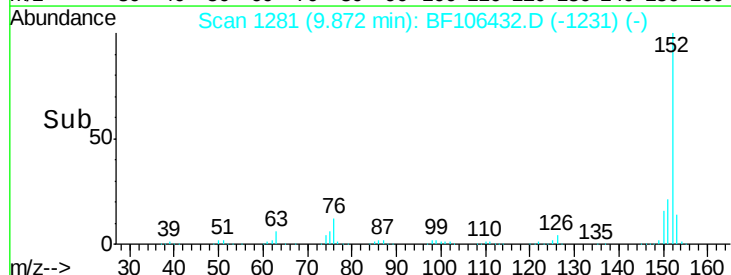
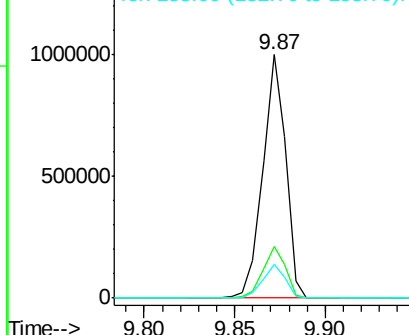


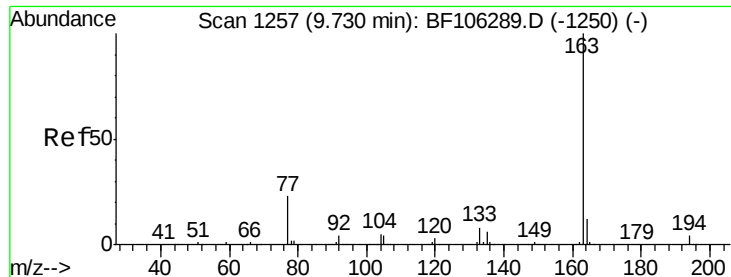
#48
Acenaphthylene
Concen: 38.223 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion: 152 Resp: 873322
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 14.1 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

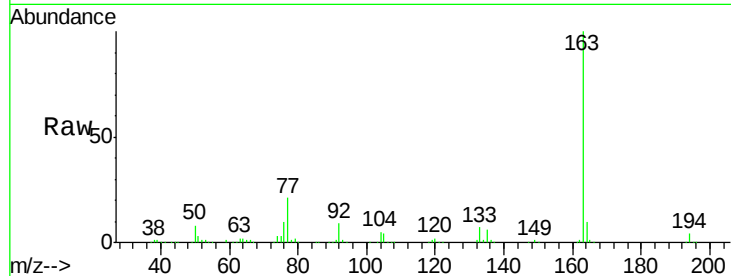




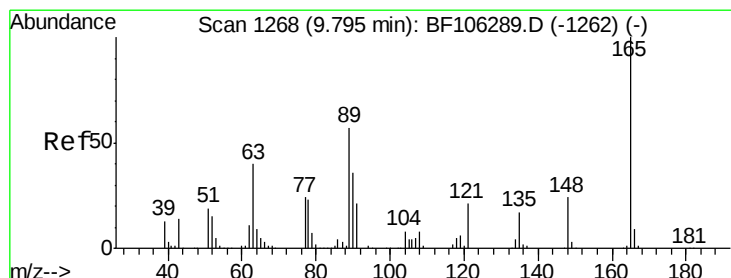
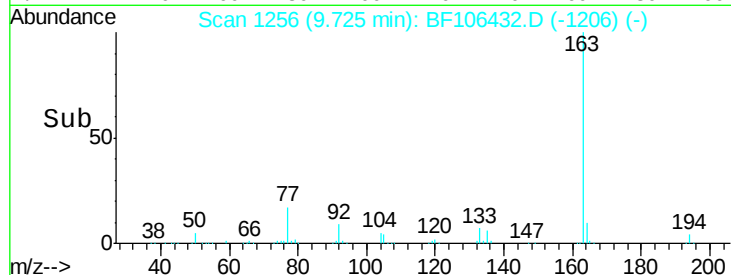
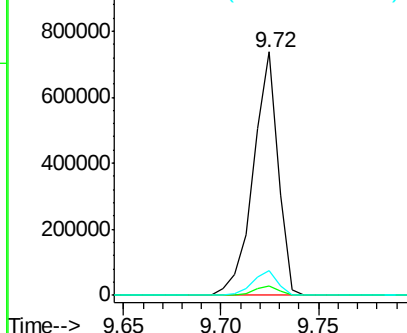
#49
Dimethylphthalate
Concen: 37.610 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2

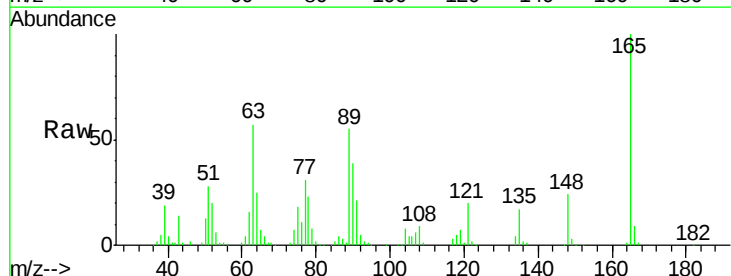


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

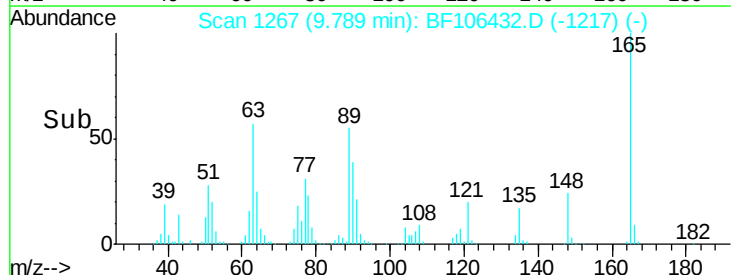
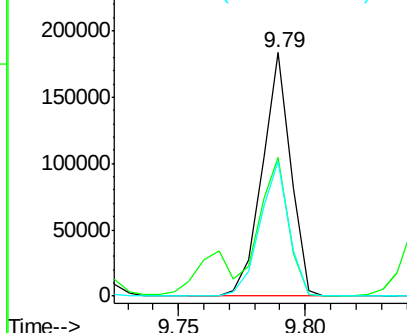


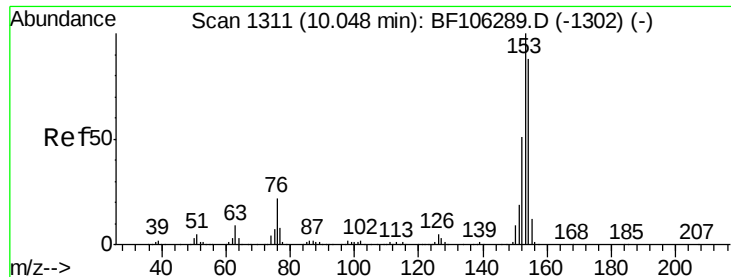
#50
2,6-Dinitrotoluene
Concen: 40.678 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.2	44.7	67.1
89	55.4	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: 36.720 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

ClientSampleId :

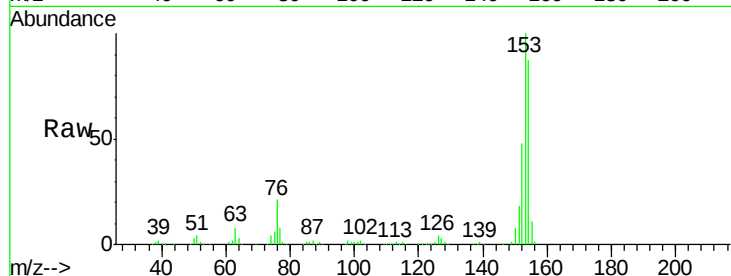
Tot Ion:154 Resp: 541830

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

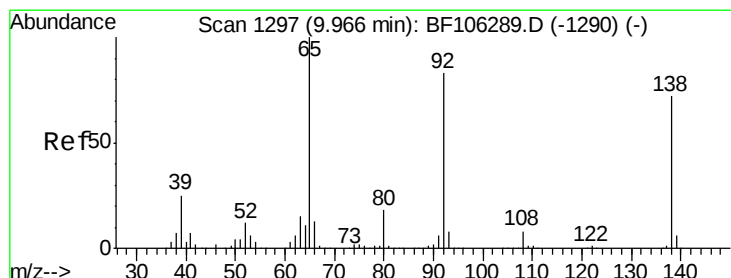
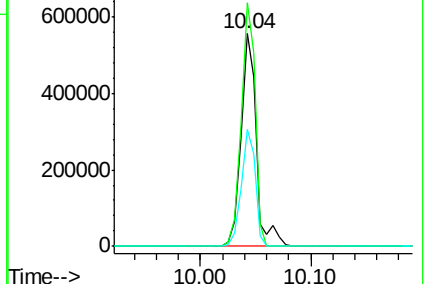
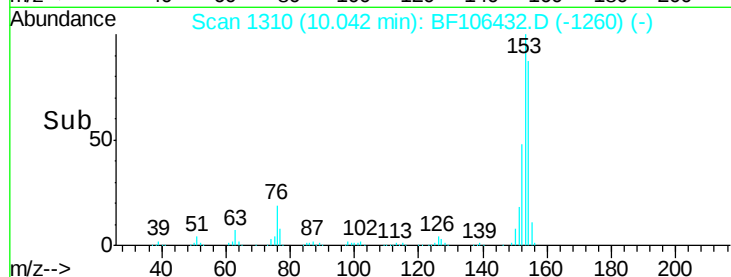
152 54.9 43.8 65.8



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: 24.013 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

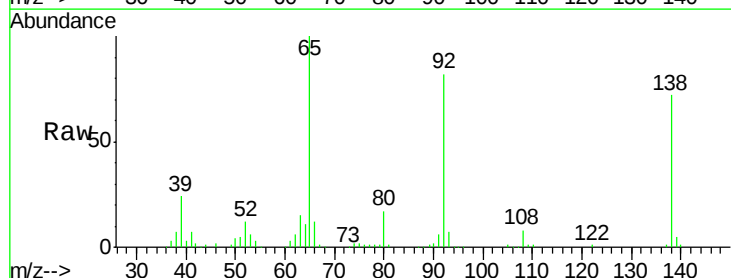
Tgt Ion:138 Resp: 100167

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

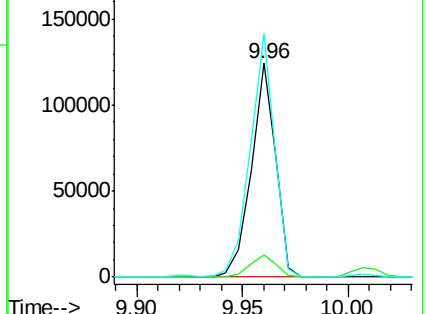
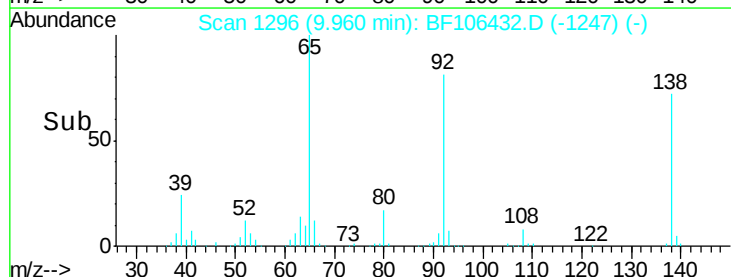
92 113.8 89.4 134.2

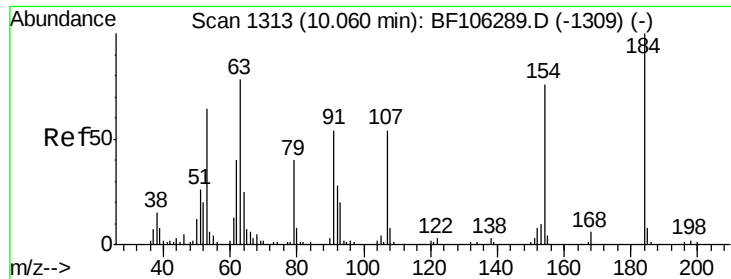


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

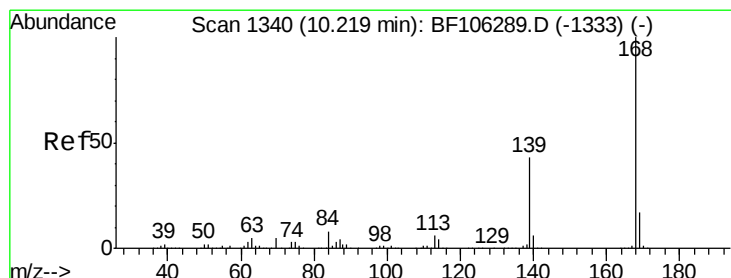
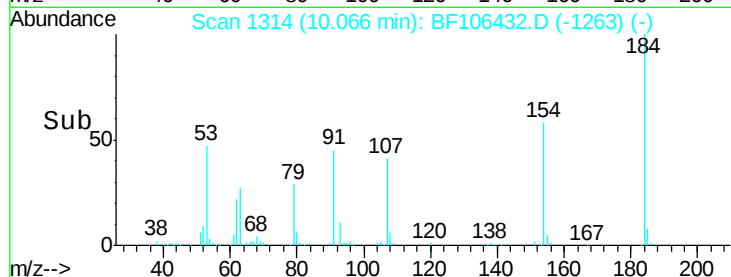
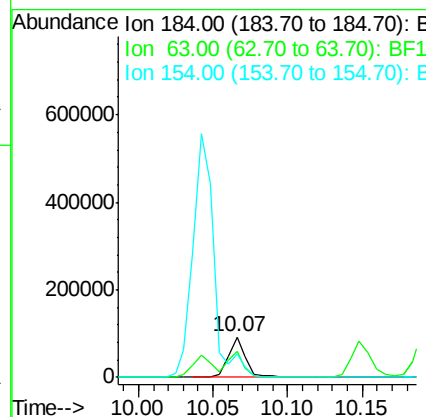
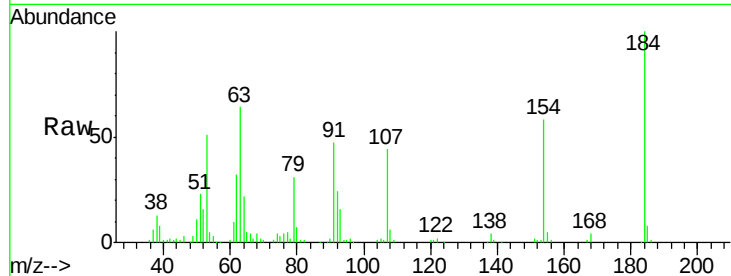




#53
 2,4-Dinitrophenol
 Concen: 51.037 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

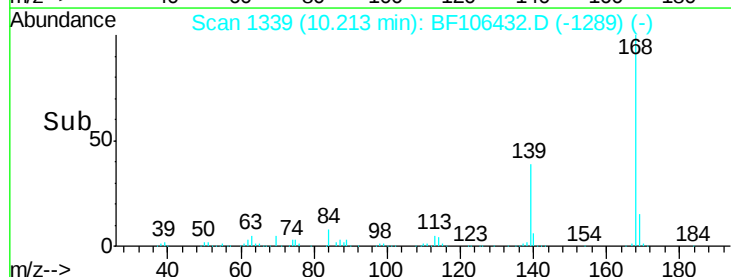
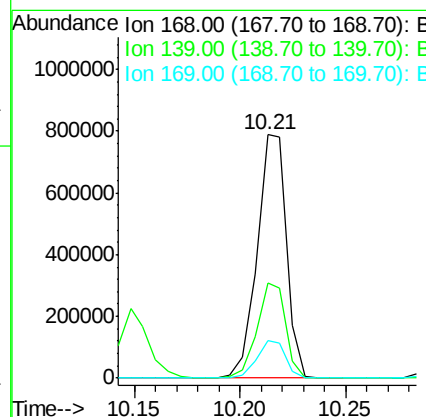
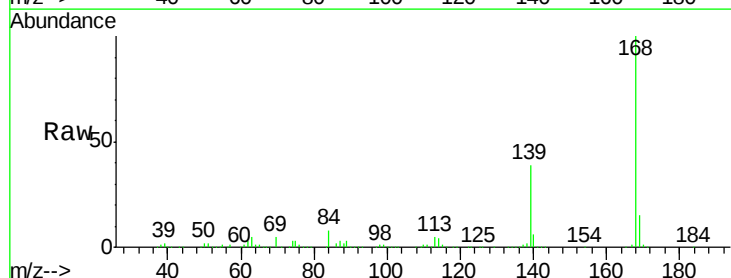
Instrument :
 BNA_F
 ClientSampleId :

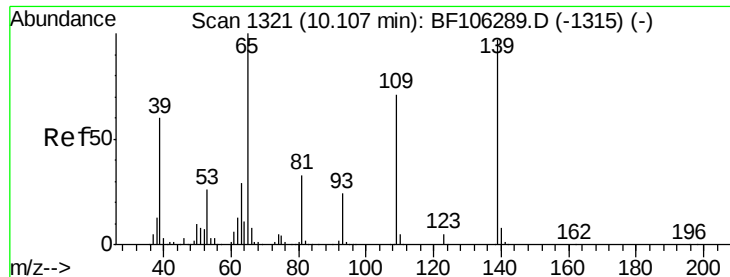
Tot Ion:184 Resp: 76715
 Ion Ratio Lower Upper
 184 100
 63 64.0 54.2 81.2
 154 58.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.411 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion:168 Resp: 763217
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.1 45.1
 169 15.2 10.9 16.3

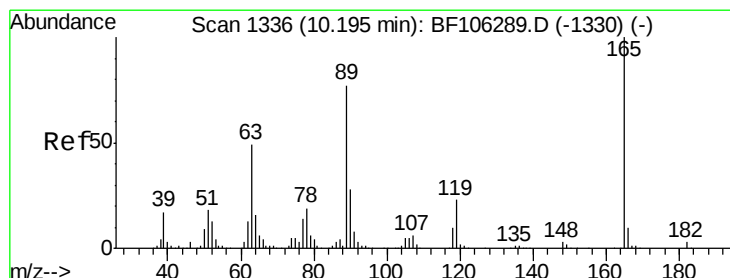
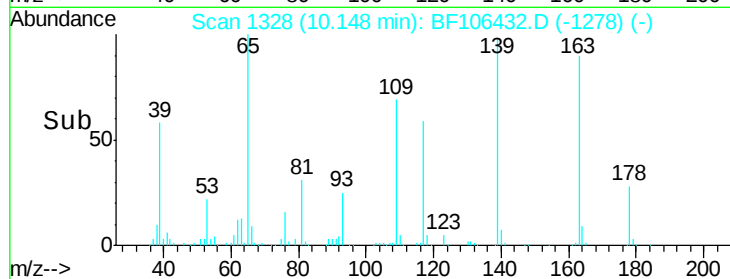
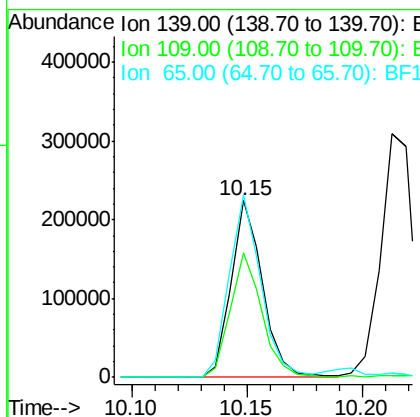
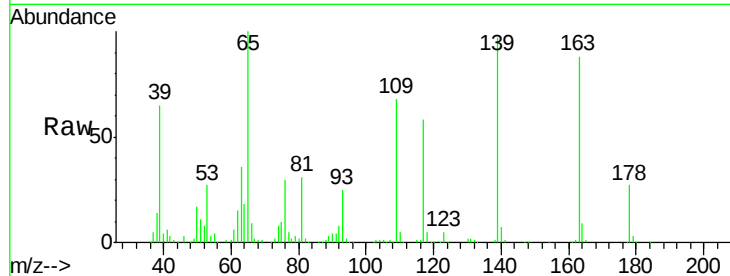




#55
4-Nitrophenol
Concen: 66.545 ng
RT: 10.15 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

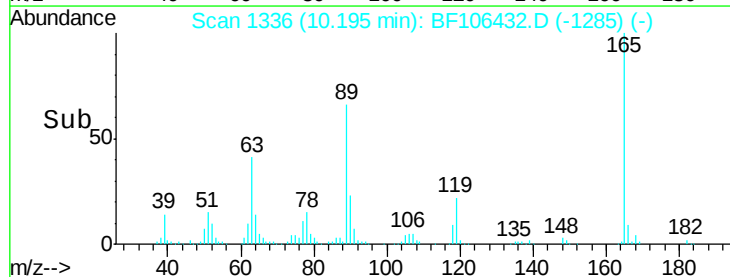
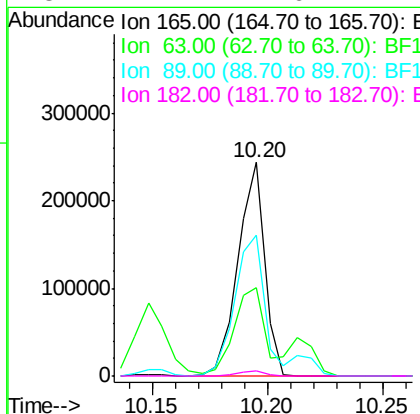
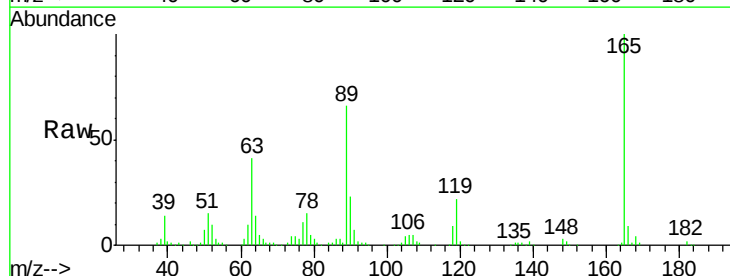
Instrument :
BNA_F
ClientSampleId :

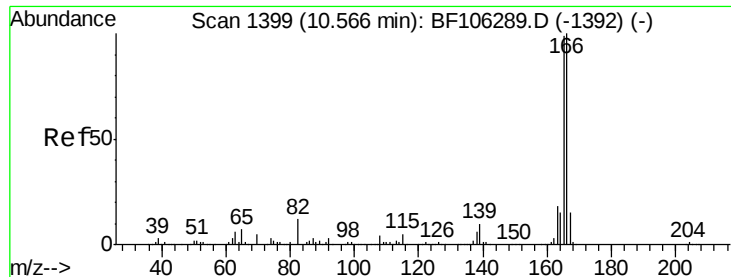
Tot Ion:139 Resp: 212764
Ion Ratio Lower Upper
139 100
109 70.3 48.4 88.4
65 103.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.716 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion:165 Resp: 197352
Ion Ratio Lower Upper
165 100
63 41.2 36.4 54.6
89 65.7 57.8 86.6
182 2.2 1.6 2.4

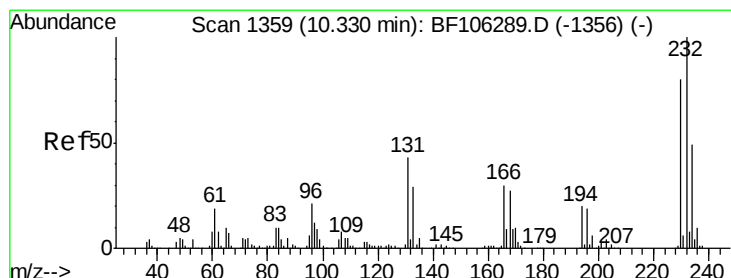
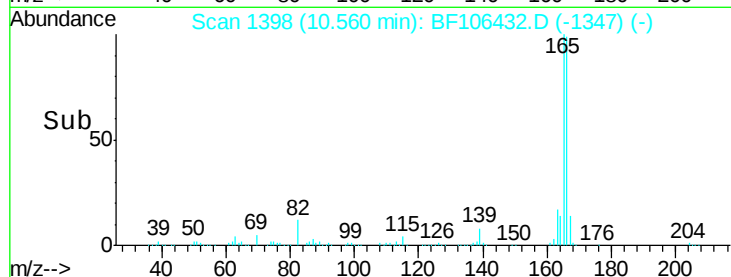
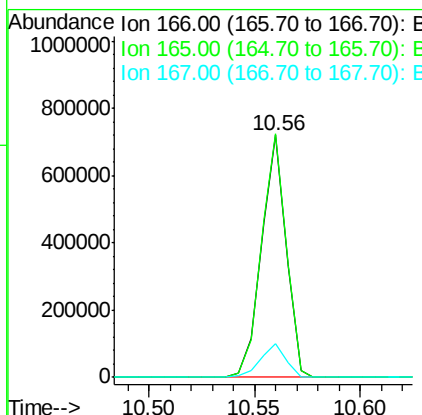
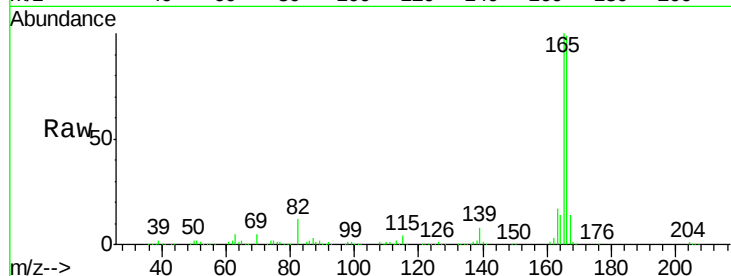




#57
 Fluorene
 Concen: 37.329 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

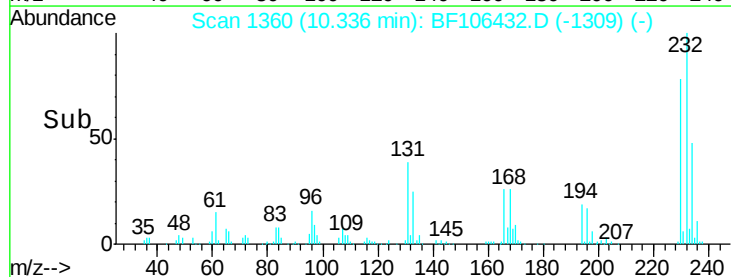
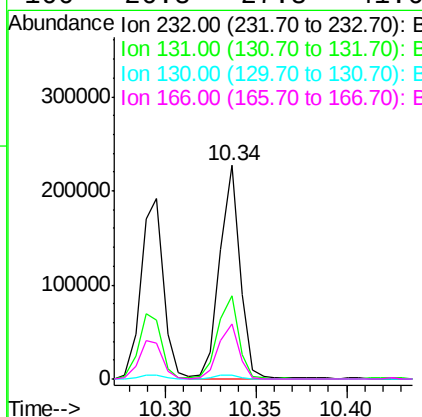
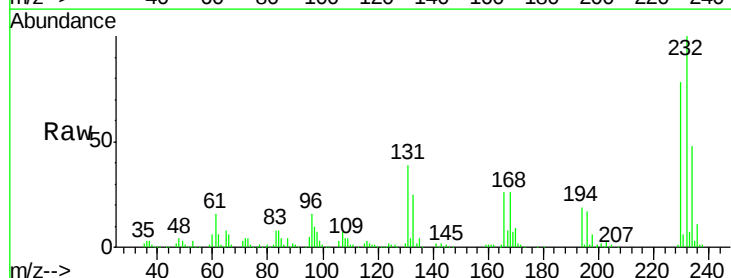
Instrument :
 BNA_F
 ClientSampleId :

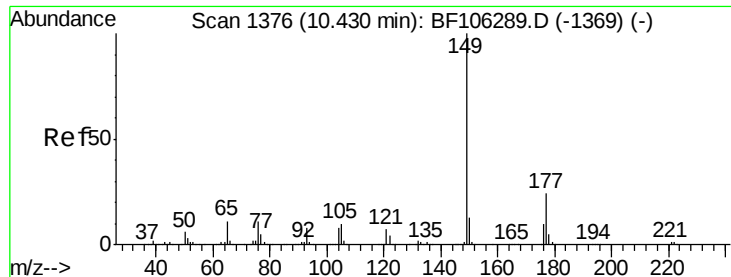
Tot Ion:166 Resp: 587663
 Ion Ratio Lower Upper
 166 100
 165 100.7 79.8 119.8
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.387 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion:232 Resp: 176182
 Ion Ratio Lower Upper
 232 100
 131 40.2 43.8 65.8#
 130 1.9 2.1 3.1#
 166 26.8 27.8 41.6#

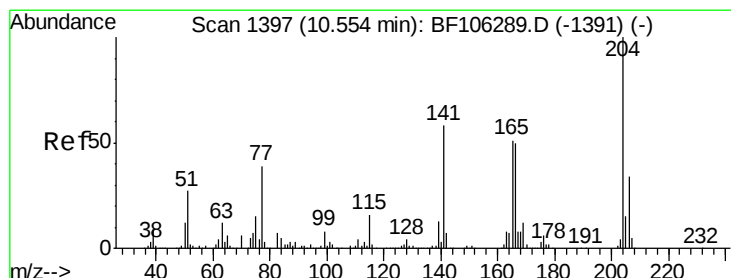
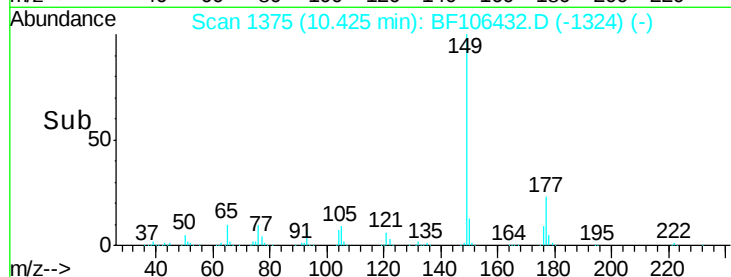
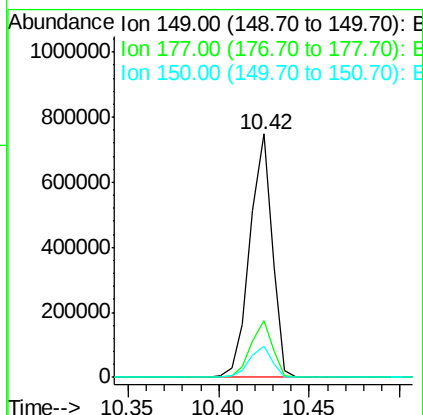
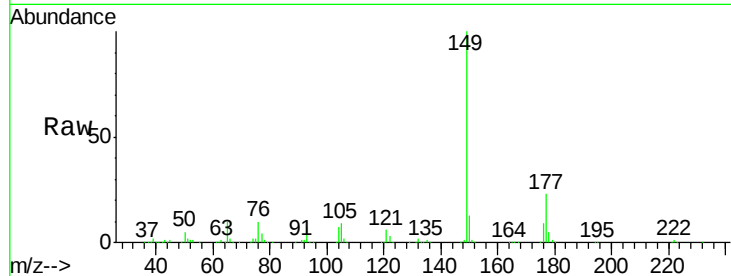




#59
Diethylphthalate
Concen: 37.572 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

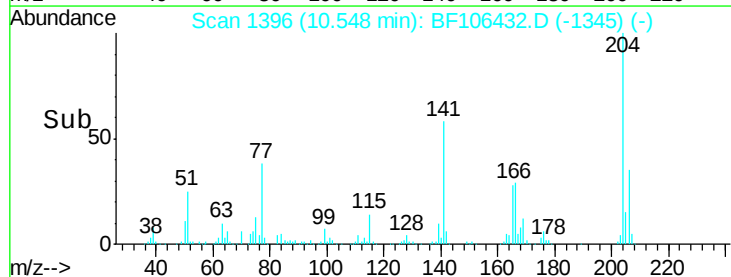
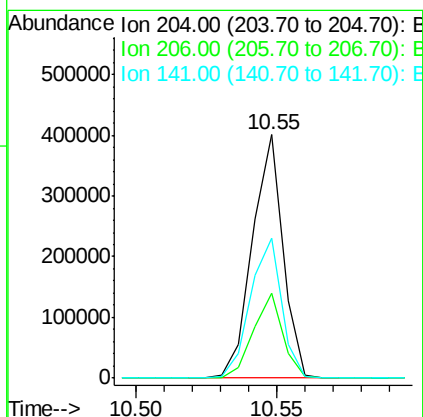
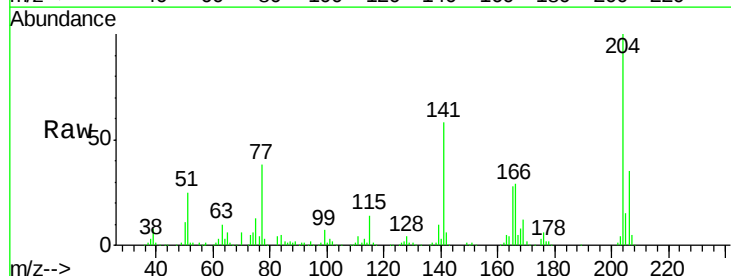
Instrument :
BNA_F
ClientSampled :

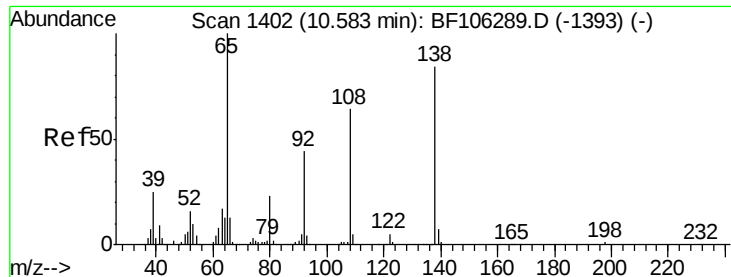
Tot Ion:149 Resp: 641628
Ion Ratio Lower Upper
149 100
177 23.2 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.493 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion:204 Resp: 302161
Ion Ratio Lower Upper
204 100
206 34.8 26.5 39.7
141 57.7 54.6 81.8





#61

4-Nitroaniline

Concen: 34.900 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

ClientSampleId :

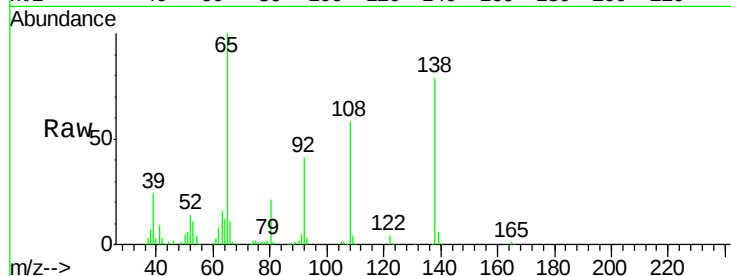
Tot Ion:138 Resp: 141639

Ion Ratio Lower Upper

138 100

92 52.3 30.2 70.2

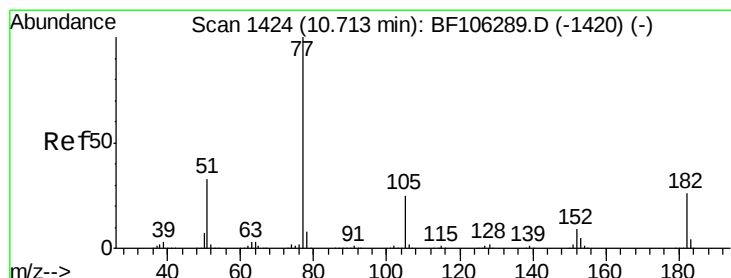
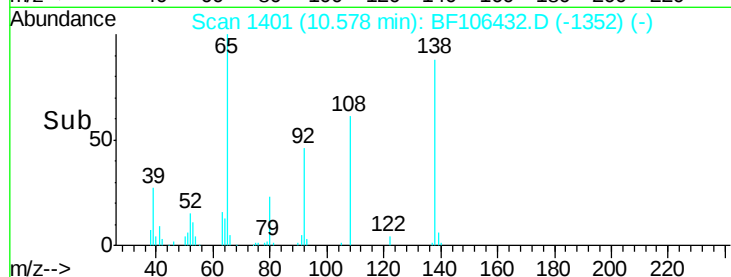
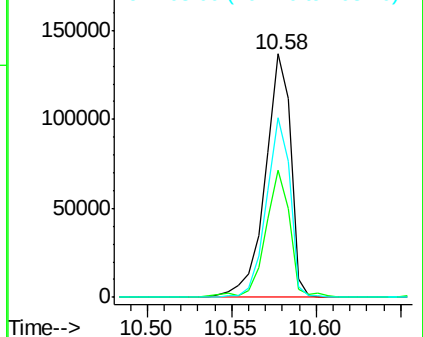
108 73.8 52.5 92.5



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: 36.625 ng

RT: 10.71 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion: 77 Resp: 652179

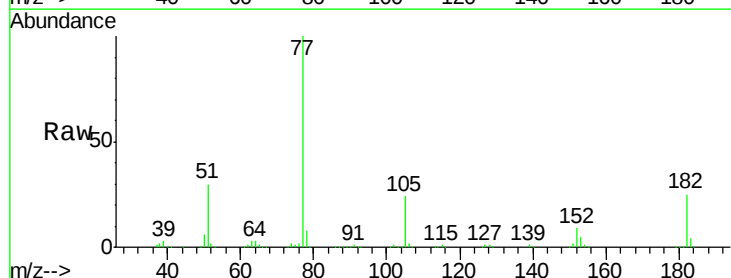
Ion Ratio Lower Upper

77 100

182 25.5 1.7 41.7

105 24.3 3.0 43.0

51 30.3 9.9 49.9

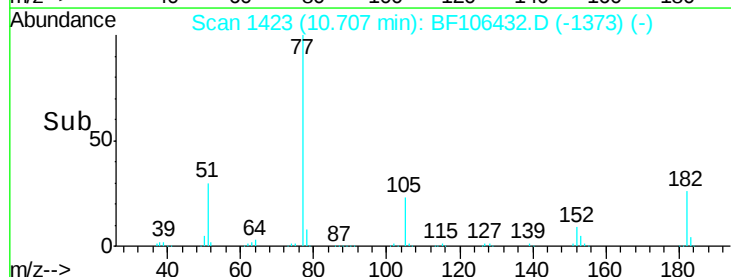
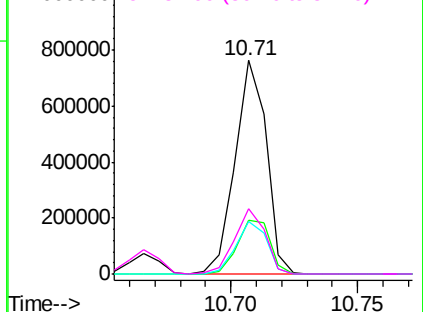


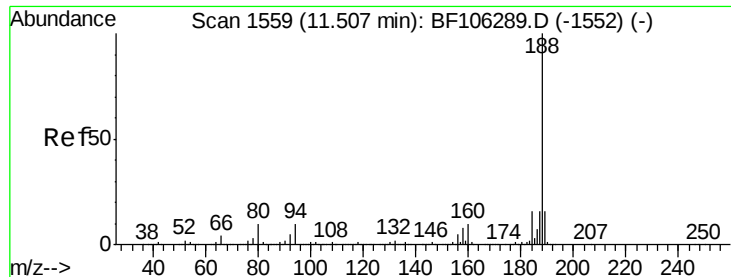
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

ClientSampleId :

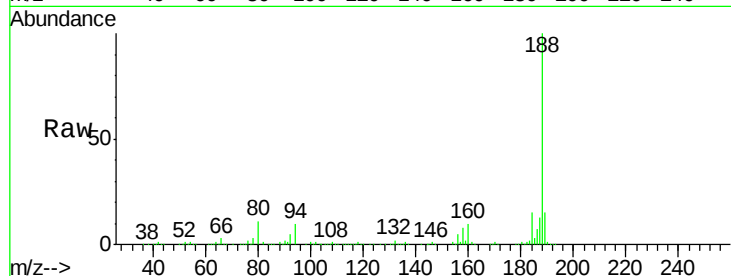
Tot Ion:188 Resp: 461005

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

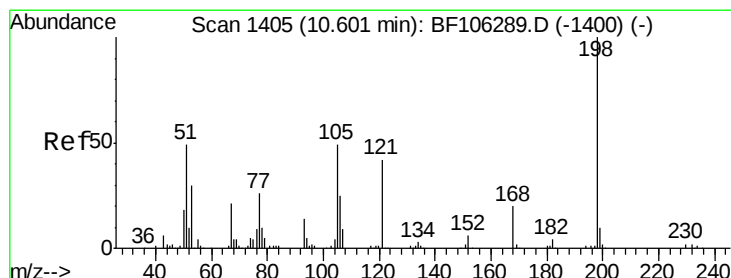
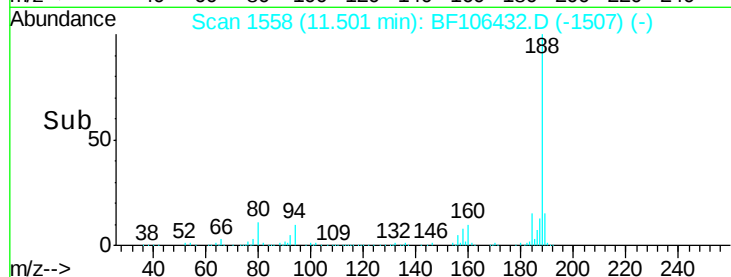
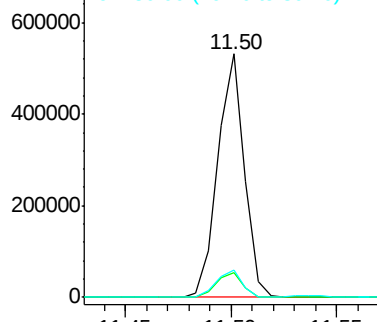
80 11.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 30.556 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

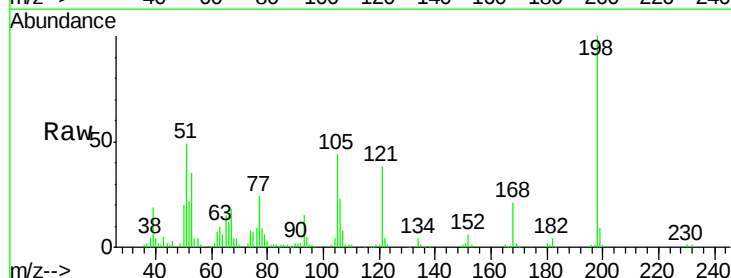
Tgt Ion:198 Resp: 69441

Ion Ratio Lower Upper

198 100

51 49.0 37.7 77.7

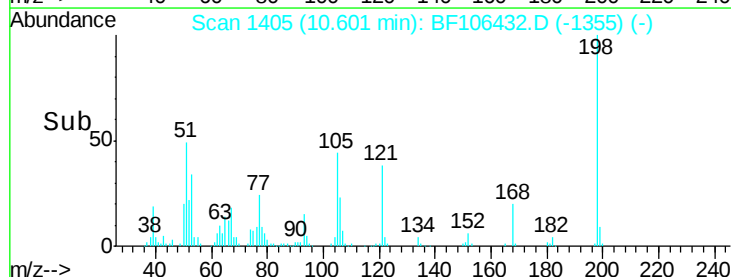
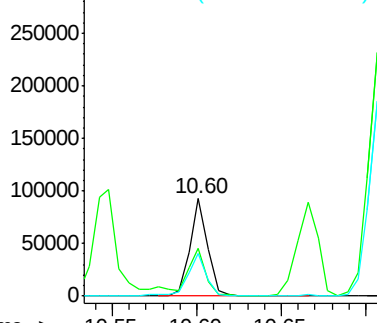
105 44.2 36.3 76.3

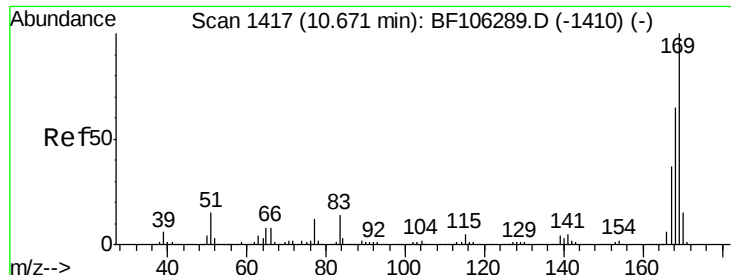


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

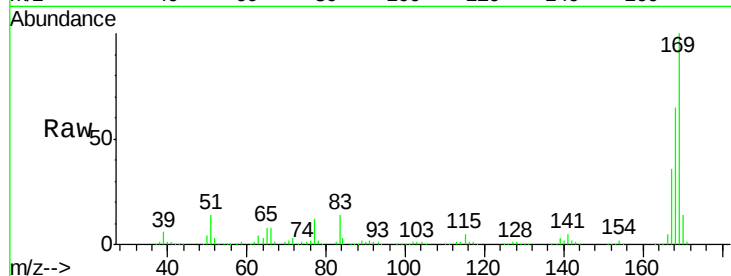




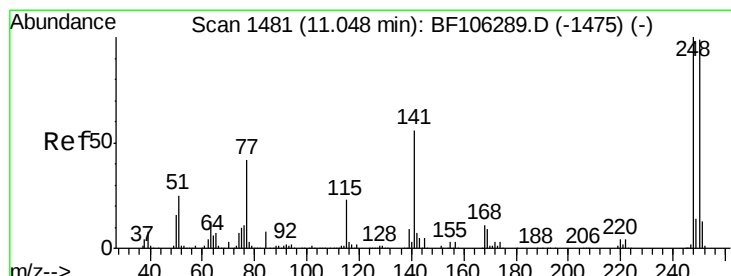
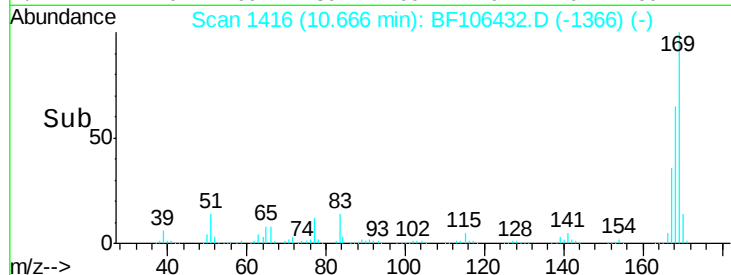
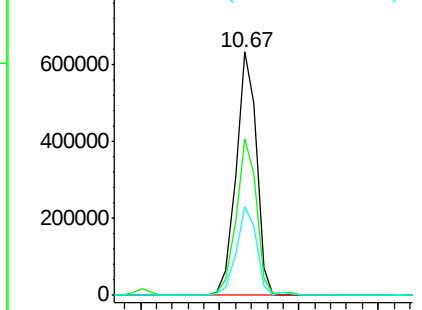
#65
n-Nitrosodiphenylamine
Concen: 36.413 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 564171
Ion Ratio Lower Upper
169 100
168 64.6 54.4 81.6
167 36.2 29.8 44.6

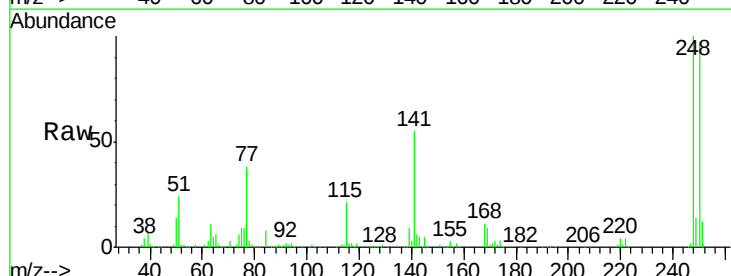


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

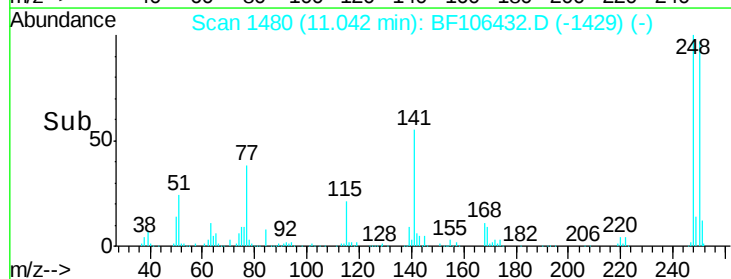
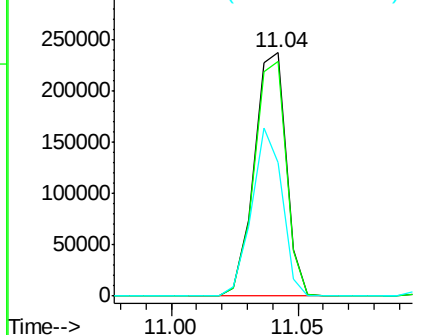


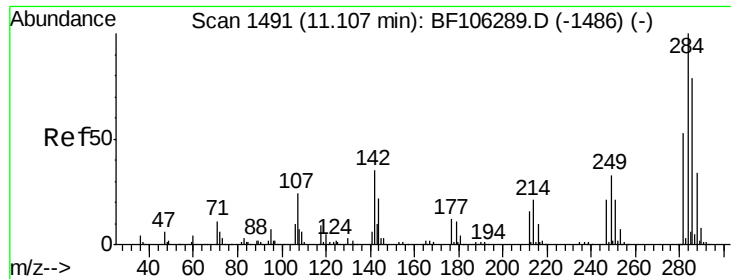
#66
4-Bromophenyl-phenylether
Concen: 39.927 ng
RT: 11.04 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion:248 Resp: 209352
Ion Ratio Lower Upper
248 100
250 96.5 76.9 115.3
141 54.9 74.4 111.6#



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

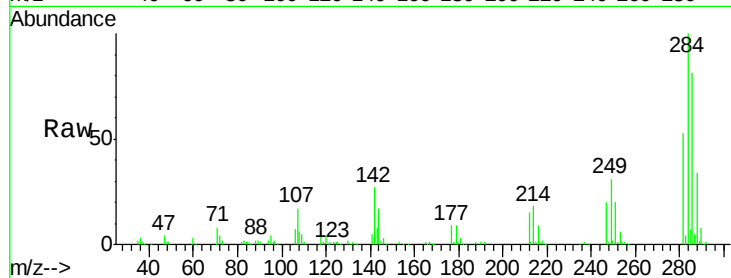




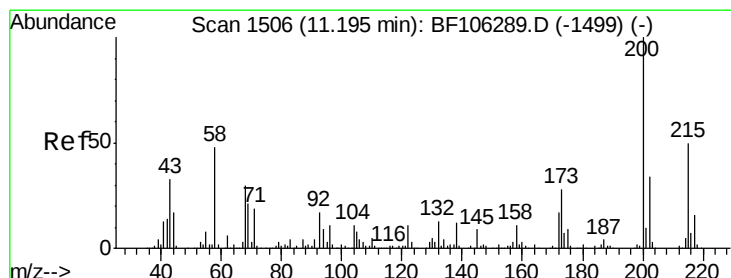
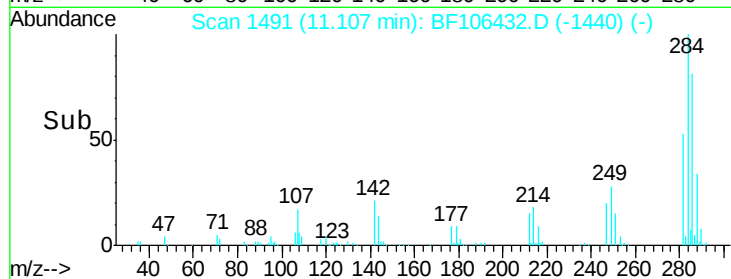
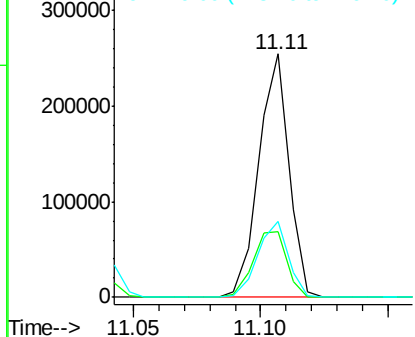
#67
Hexachlorobenzene
Concen: 39.132 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 211533
Ion Ratio Lower Upper
284 100
142 27.1 34.6 52.0#
249 31.0 24.8 37.2

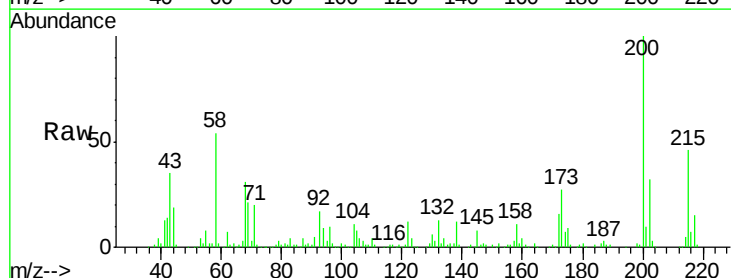


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

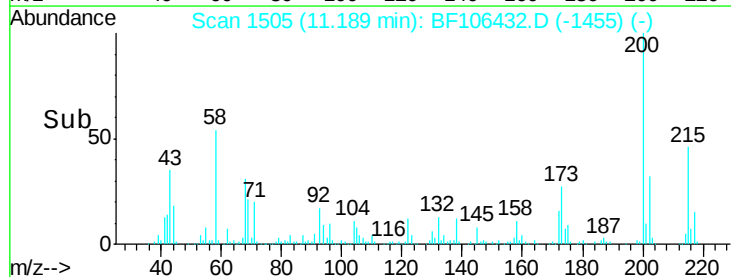
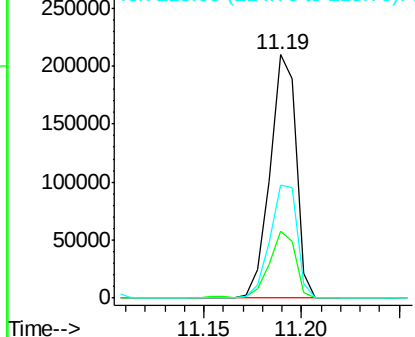


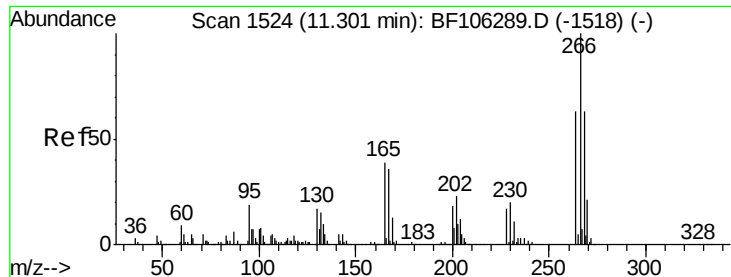
#68
Atrazine
Concen: 40.629 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion:200 Resp: 193993
Ion Ratio Lower Upper
200 100
173 27.3 8.6 48.6
215 46.2 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

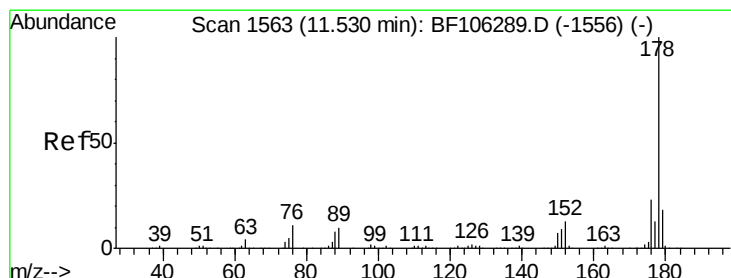
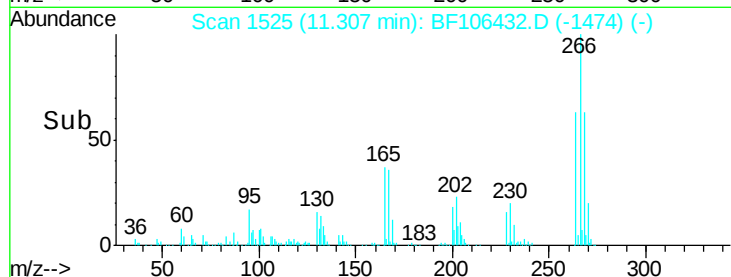
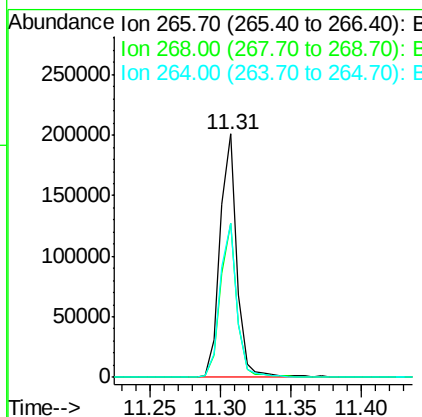
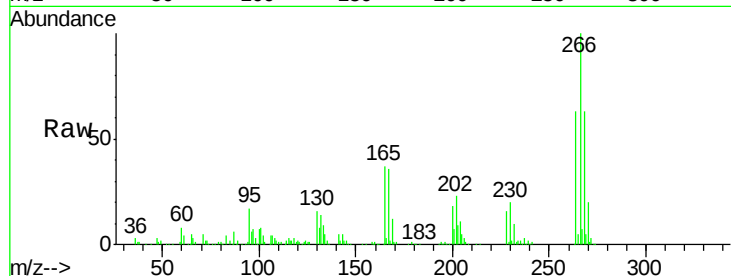




#69
 Pentachlorophenol
 Concen: 50.324 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

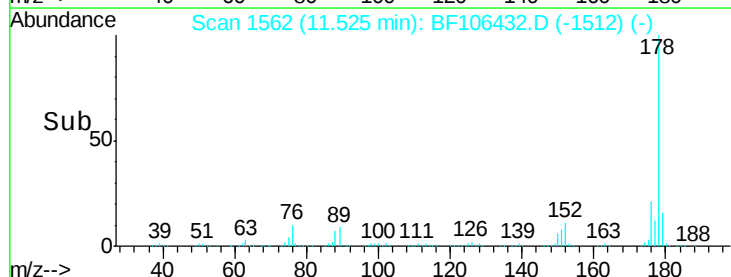
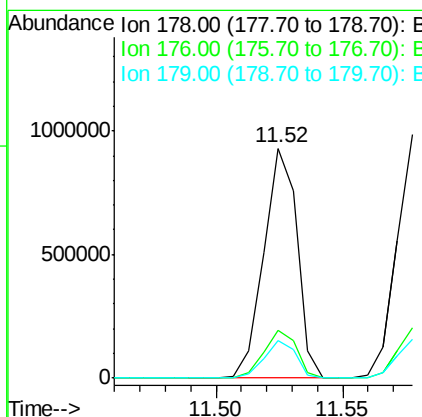
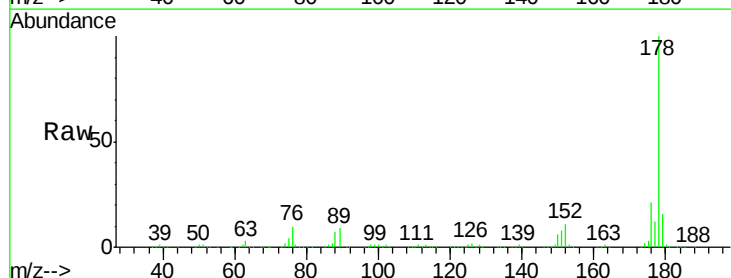
Instrument :
 BNA_F
 ClientSampleId :

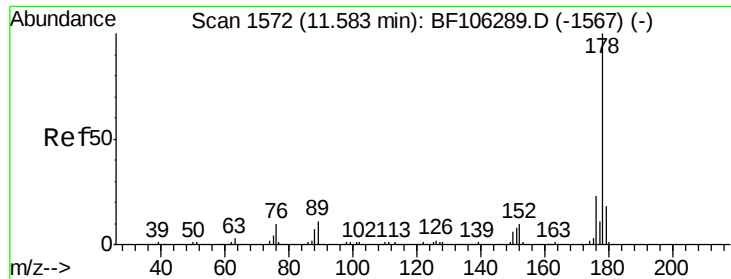
Tot Ion:266 Resp: 167483
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 63.5 49.5 74.3



#70
 Phenanthrene
 Concen: 37.989 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion:178 Resp: 857694
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.8 23.8
 179 16.3 13.0 19.6





#71

Anthracene

Concen: 38.650 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

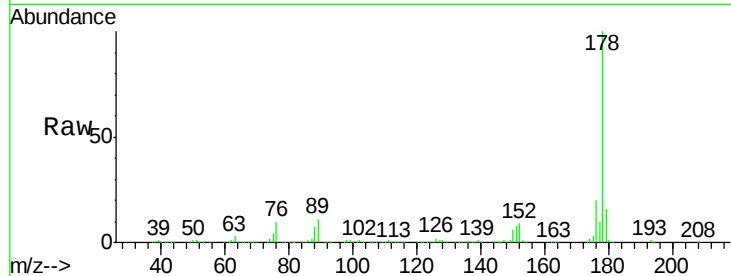
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 874197

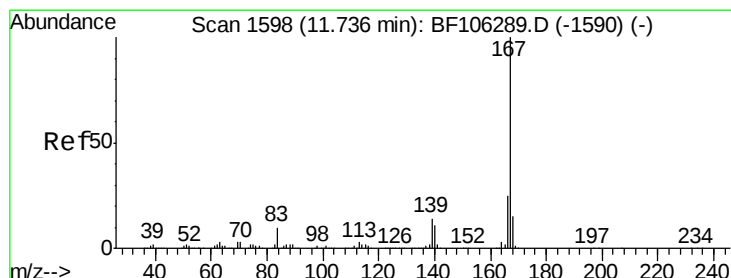
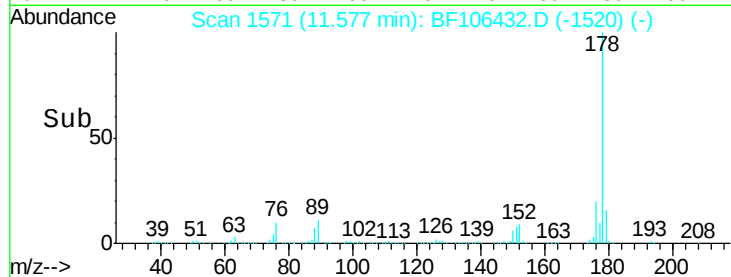
Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	16.1	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.740 ng

RT: 11.73 min Scan# 1597

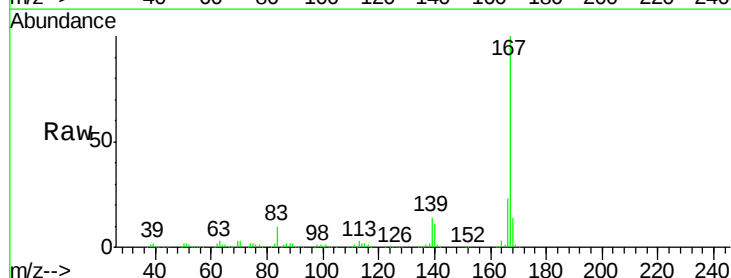
Delta R.T. -0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Tgt Ion:167 Resp: 767179

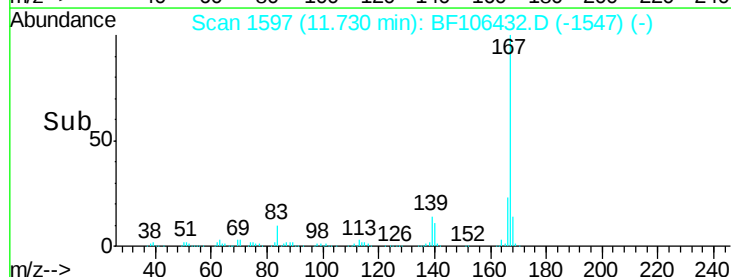
Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	13.9	10.9	16.3

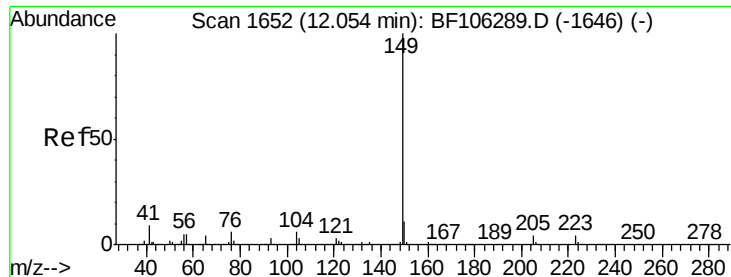


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

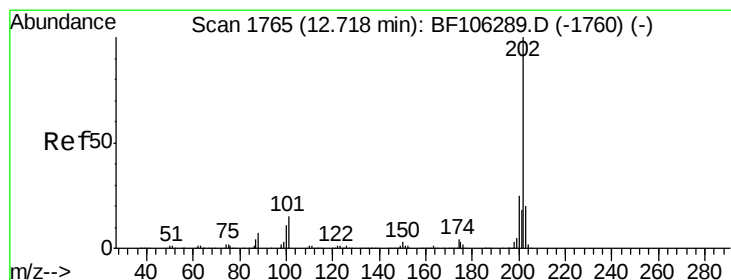
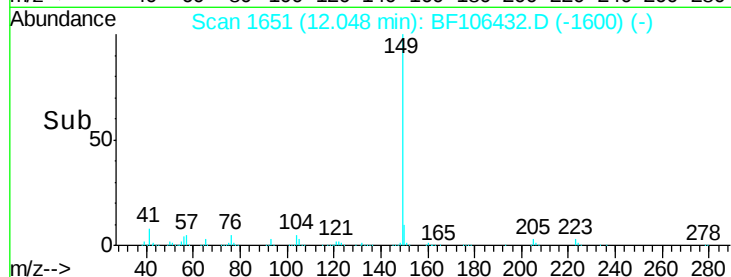
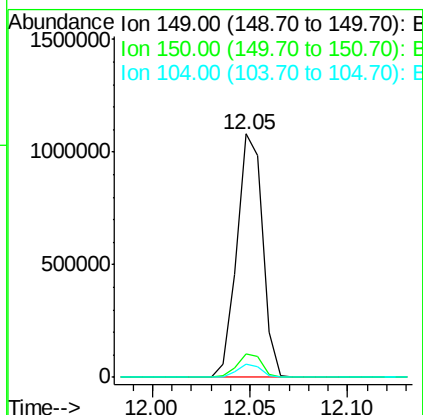
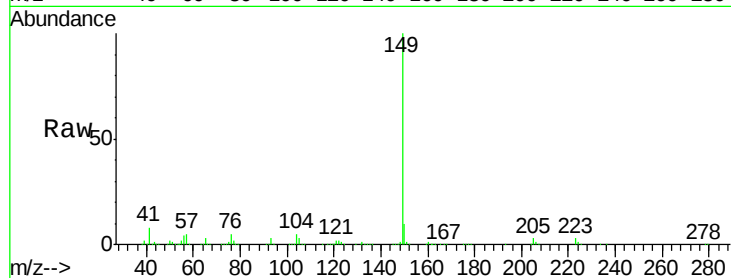




#73
Di-n-butylphthalate
Concen: 42.441 ng
RT: 12.05 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

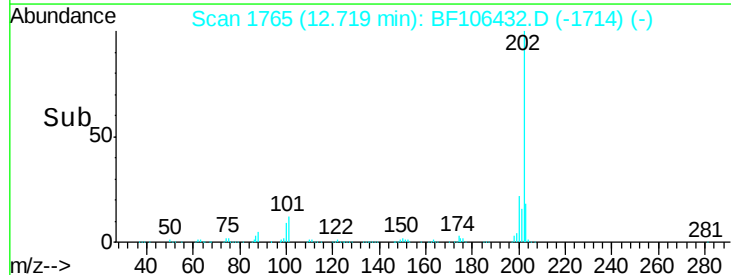
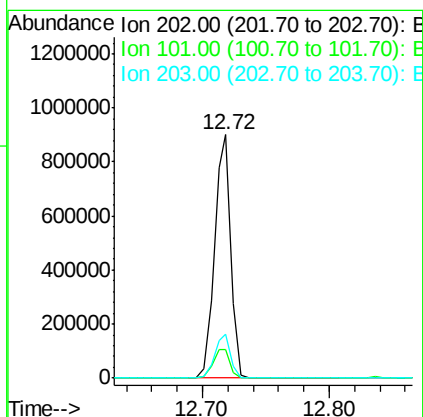
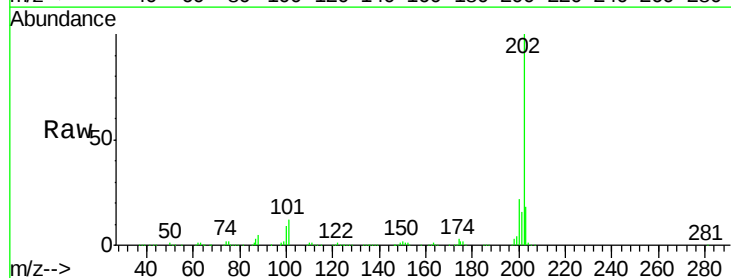
Instrument :
BNA_F
ClientSampleId :

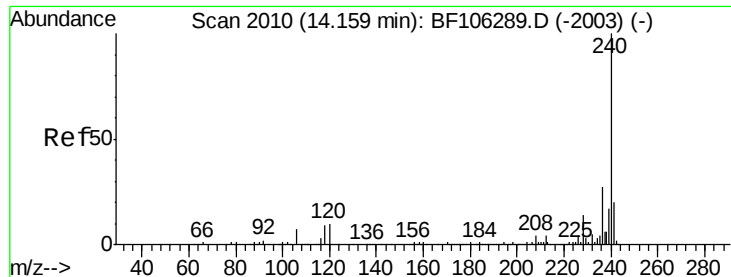
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.3	3.8	5.8



#74
Fluoranthene
Concen: 33.764 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

ClientSampleId :

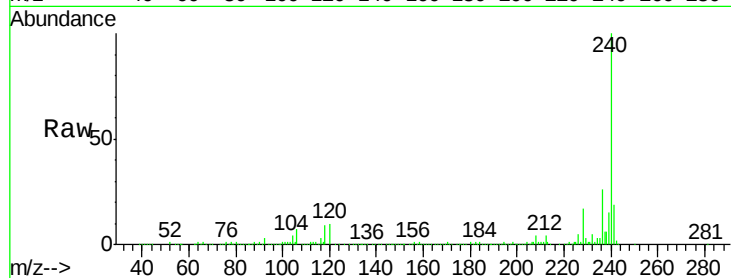
Tot Ion:240 Resp: 332585

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

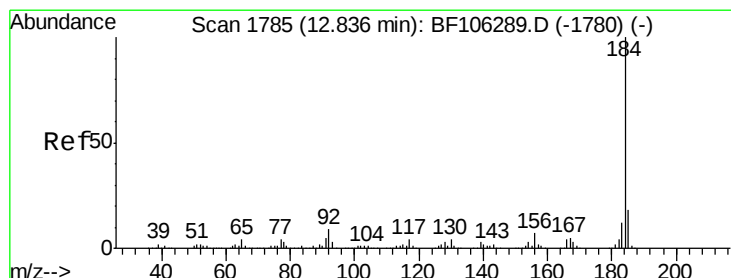
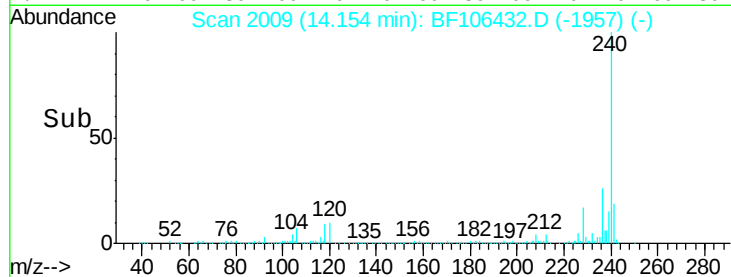
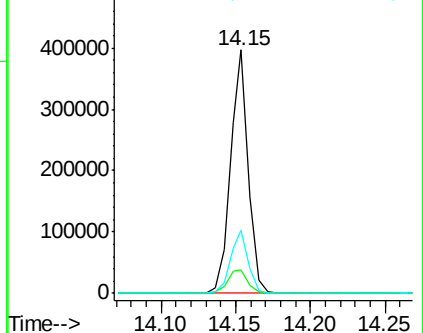
236 25.8 20.7 31.1



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: 42.916 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

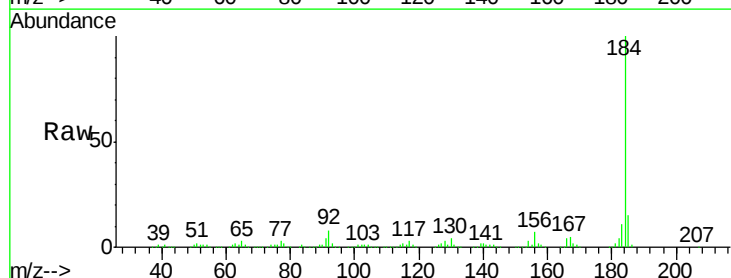
Tgt Ion:184 Resp: 475028

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

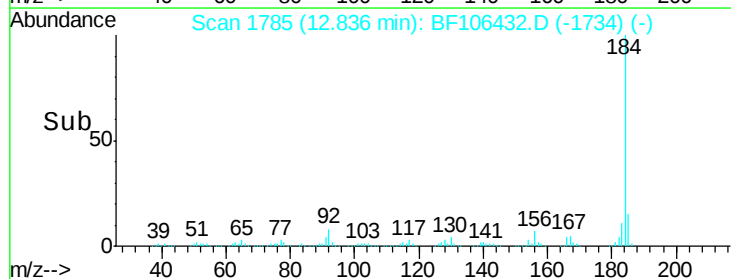
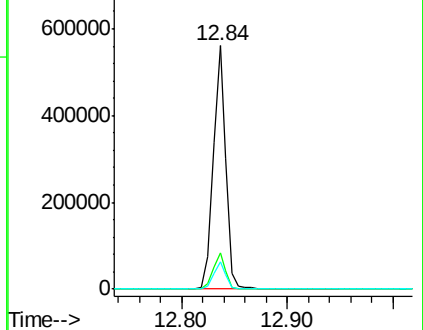
183 11.2 9.3 13.9

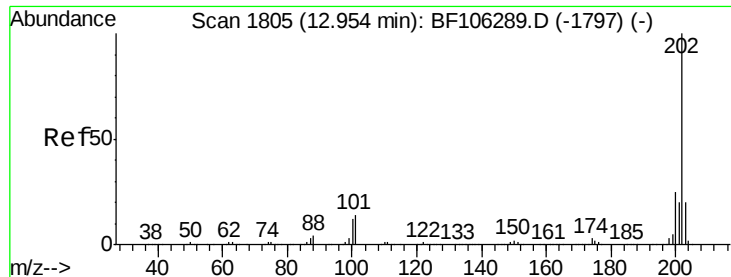


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

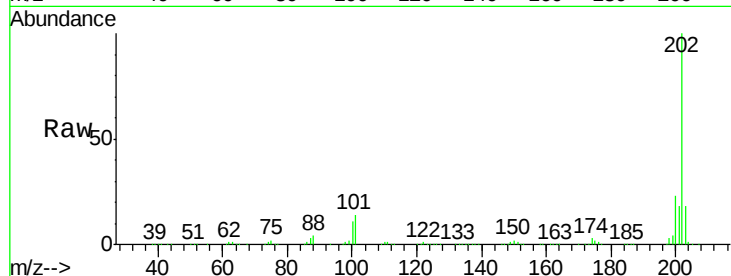




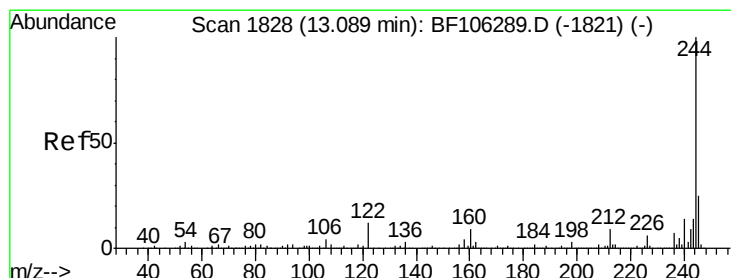
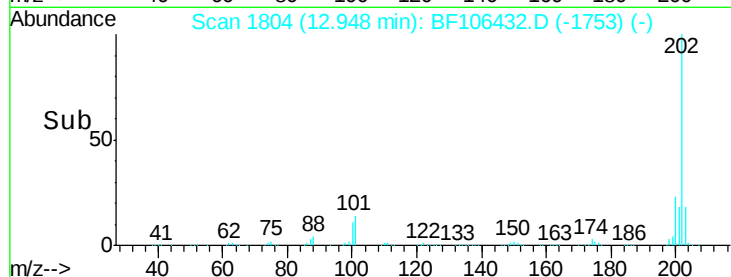
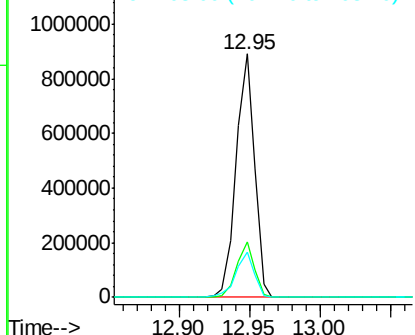
#77
Pvrene
Concen: 38.817 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 808246
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 18.5 14.3 21.5

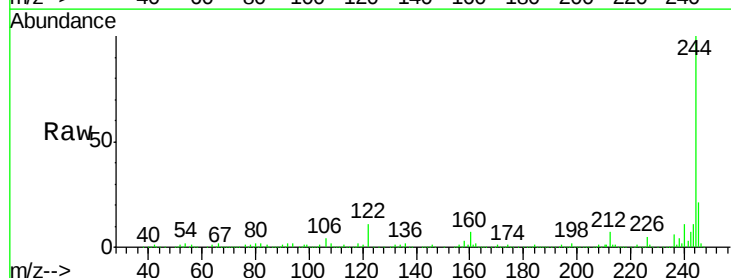


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

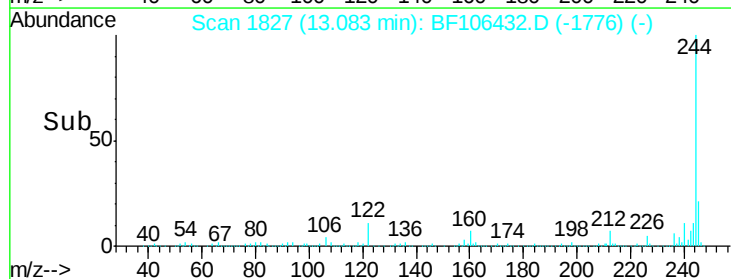
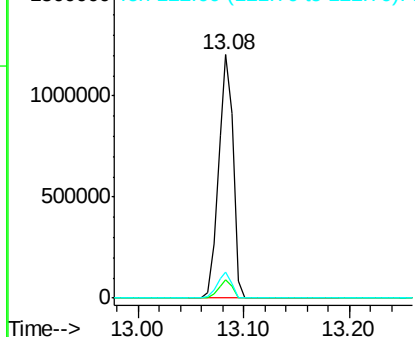


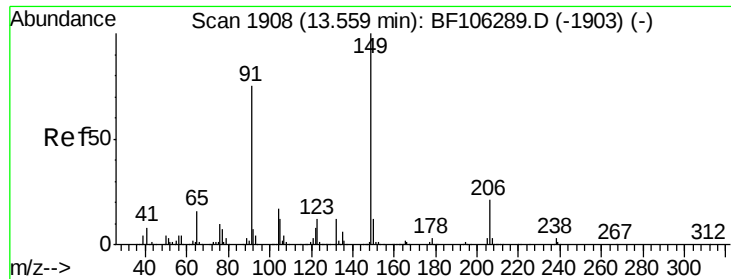
#78
Terphenyl-d14
Concen: 87.687 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion:244 Resp: 1174153
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 10.8 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

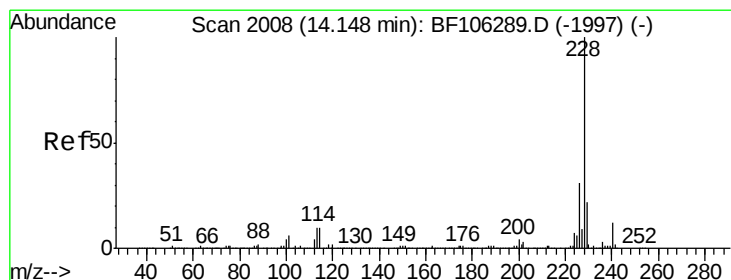
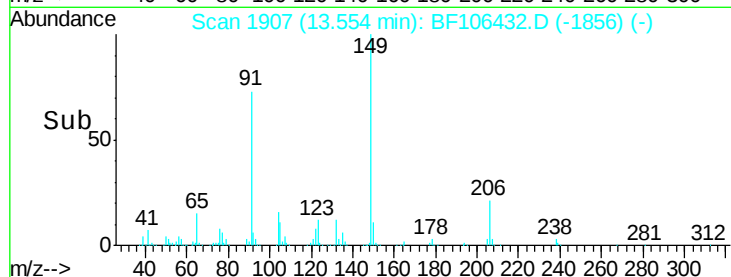
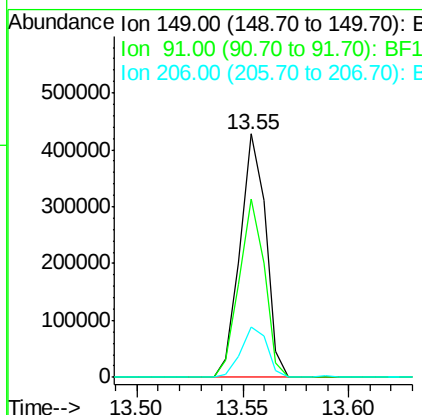
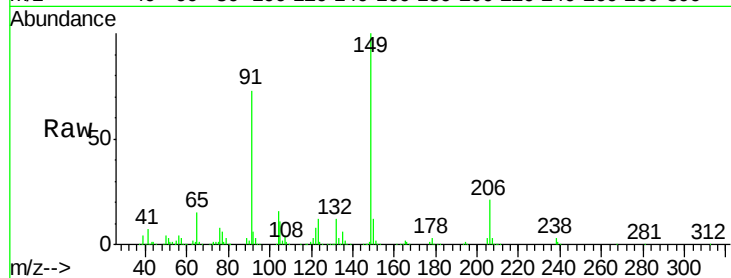




#79
Butylbenzylphthalate
Concen: 46.401 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

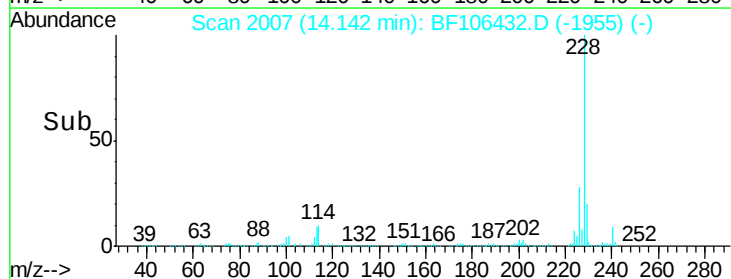
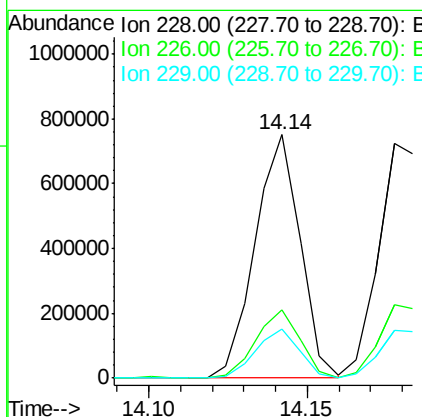
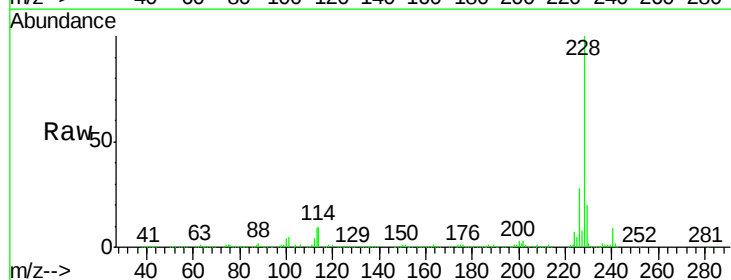
Instrument :
BNA_F
ClientSampleId :

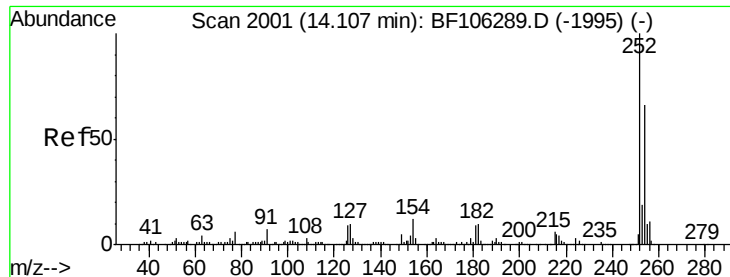
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	56.8	85.2
206	20.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.478 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.2	15.8	23.6

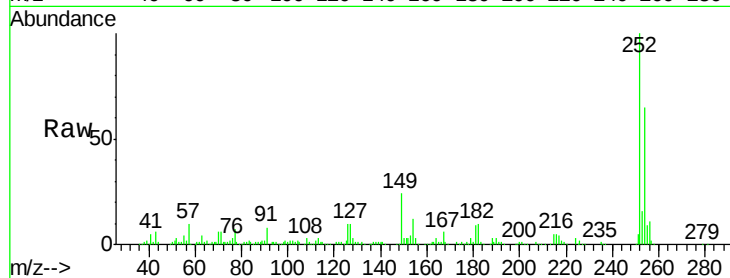




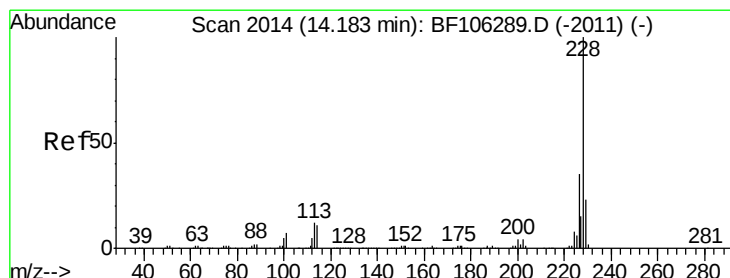
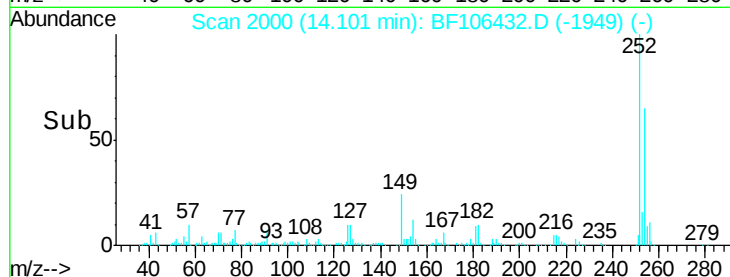
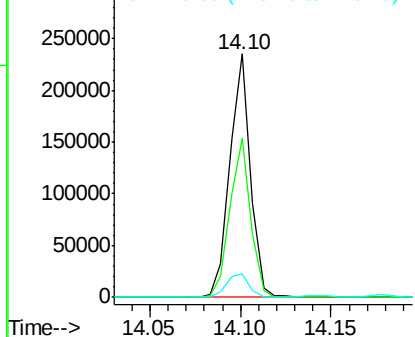
#81
 3,3'-Dichlorobenzidine
 Concen: 27.957 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 186689
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.4 75.6
 126 9.6 11.3 16.9#

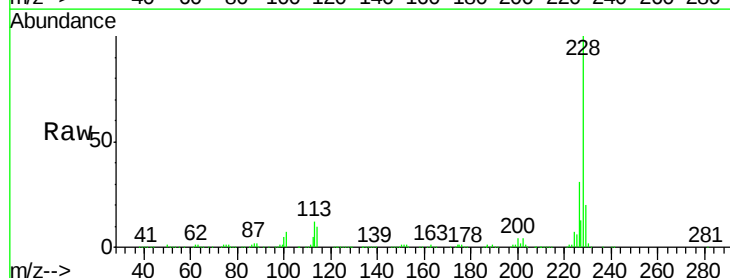


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

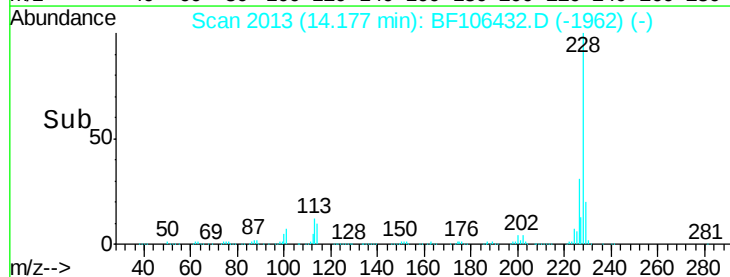
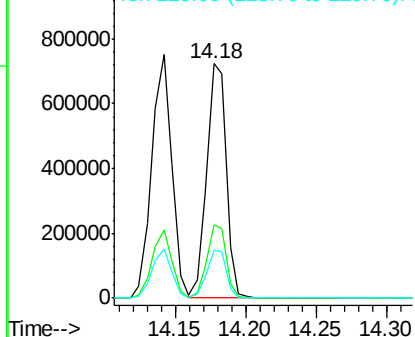


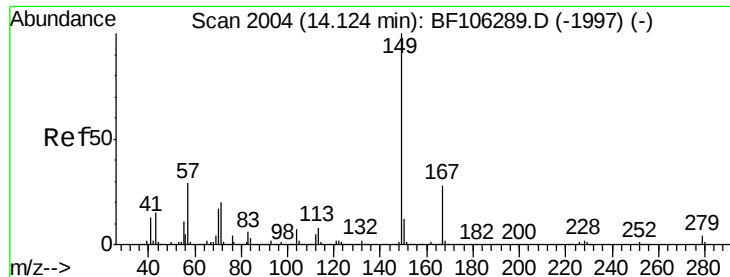
#82
 Chrysene
 Concen: 38.710 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion:228 Resp: 699494
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.4 16.2 24.4



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

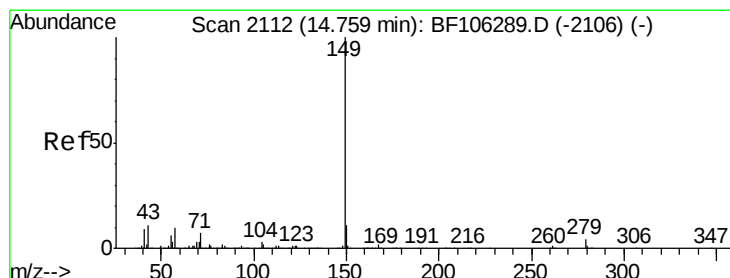
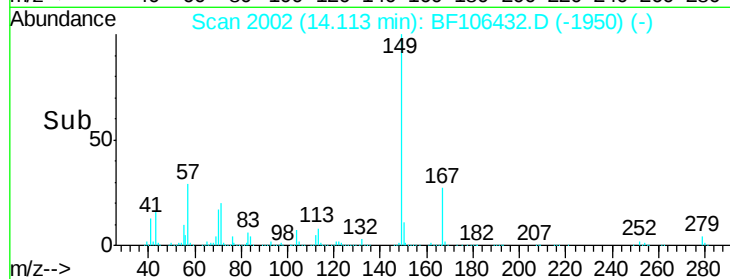
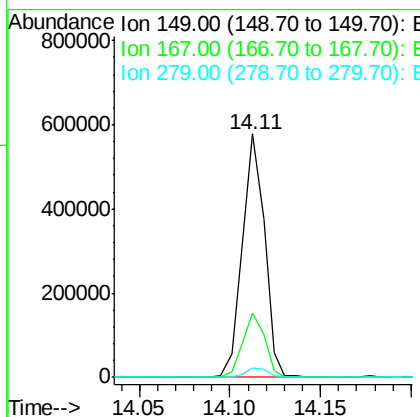
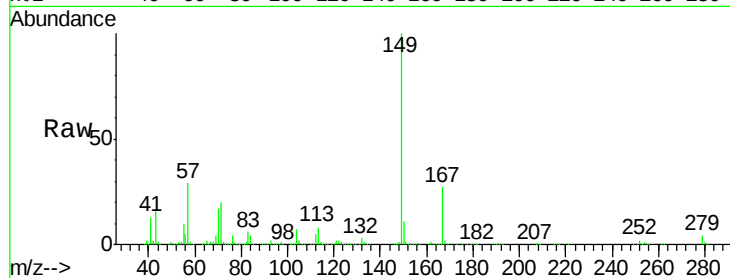




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.108 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

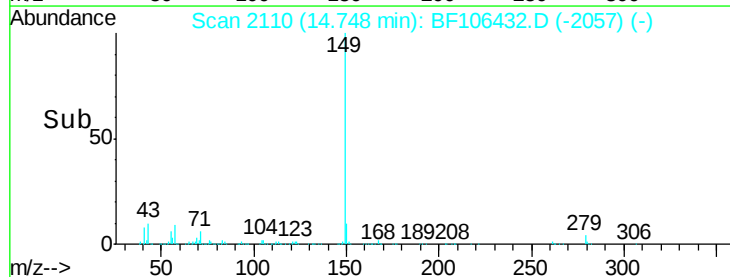
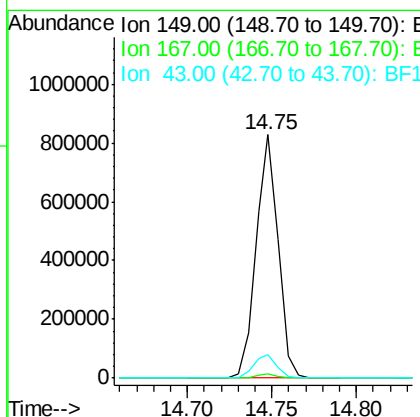
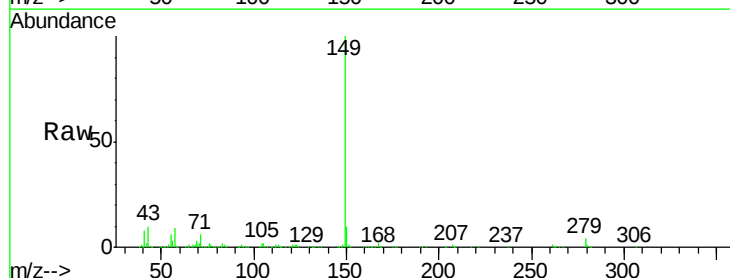
Instrument :
 BNA_F
 ClientSampleId :

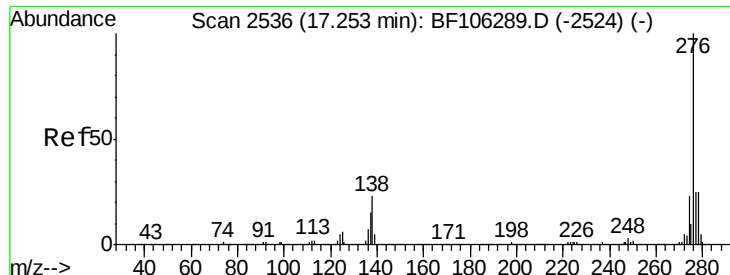
Tot Ion:149 Resp: 492929
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.6 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 46.710 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BF106432.D
 Acq: 14 Jun 2018 10:09

Tgt Ion:149 Resp: 752552
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.9 8.4 12.6

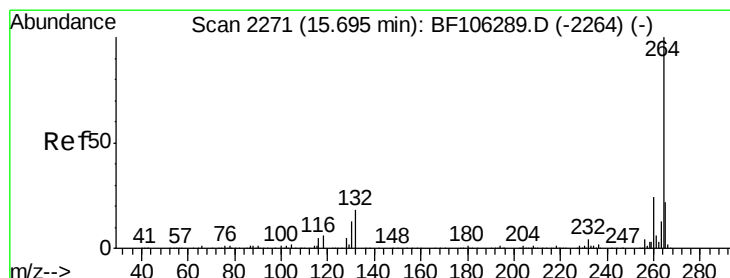
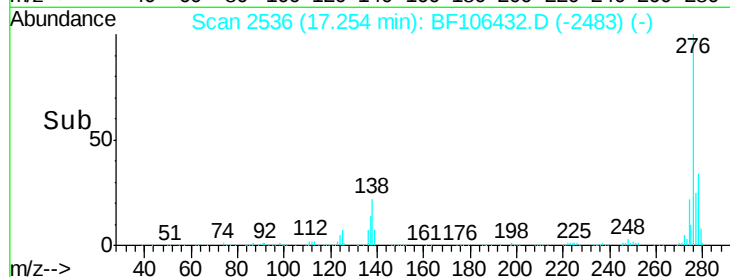
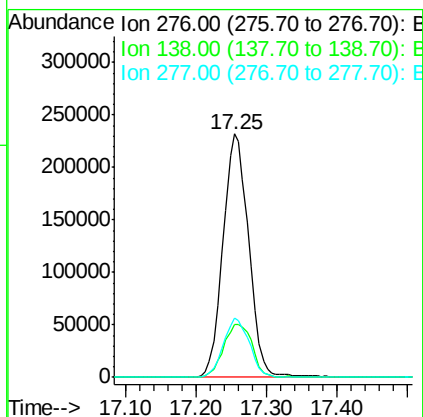
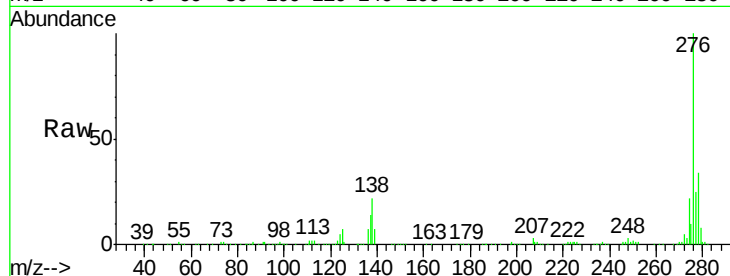




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.578 ng
RT: 17.25 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

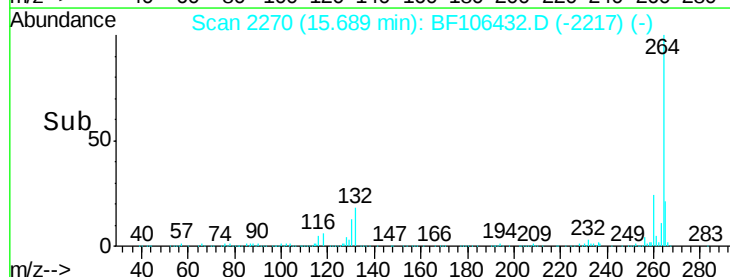
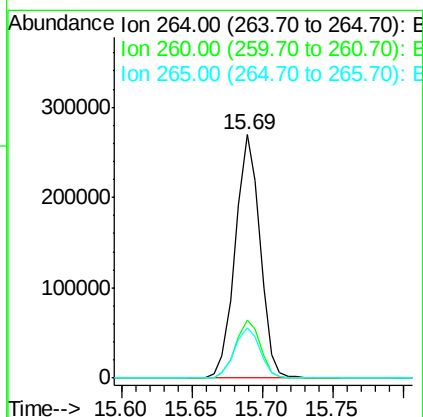
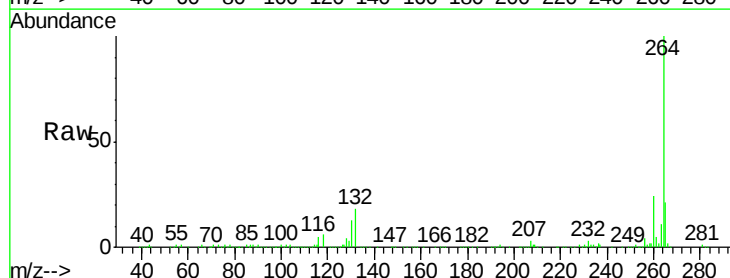
Instrument :
BNA_F
ClientSampleId :

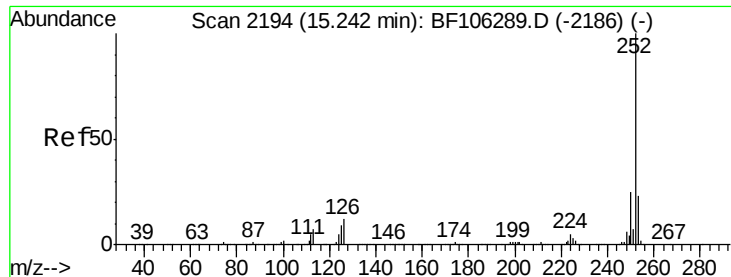
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	25.0	37.6
277	24.8	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.8	17.5	26.3

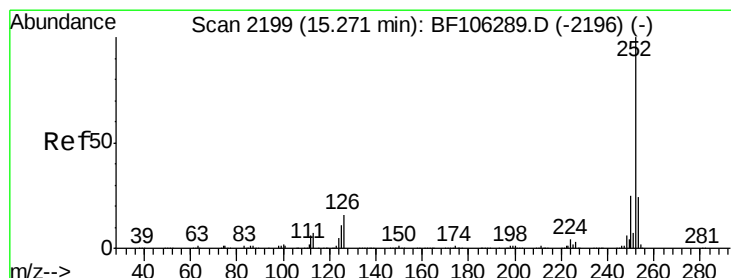
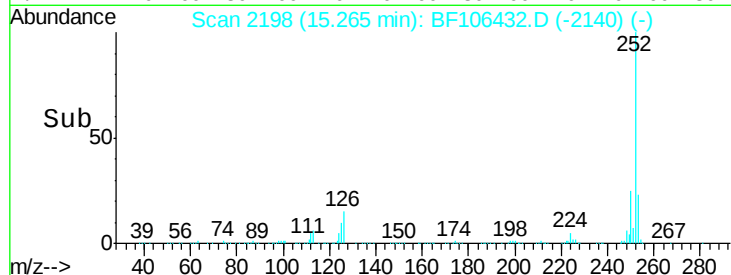
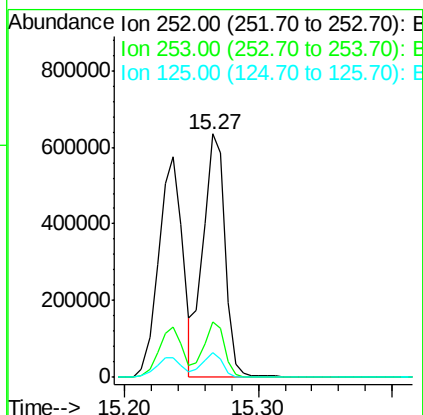
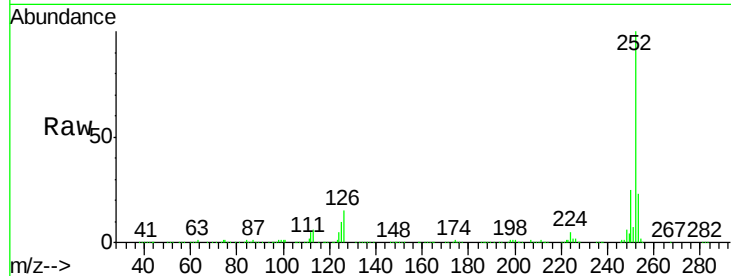




#87
Benzo(b)fluoranthene
Concen: 36.444 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.04 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

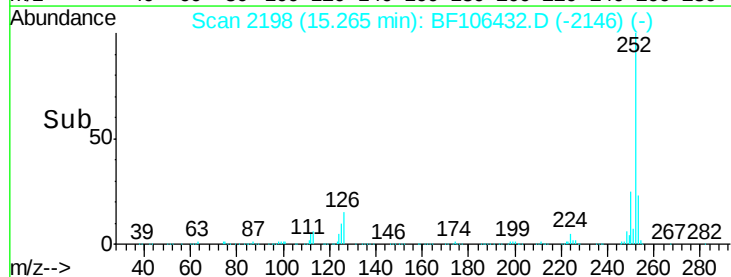
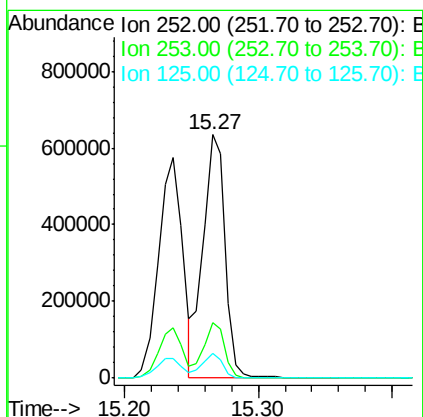
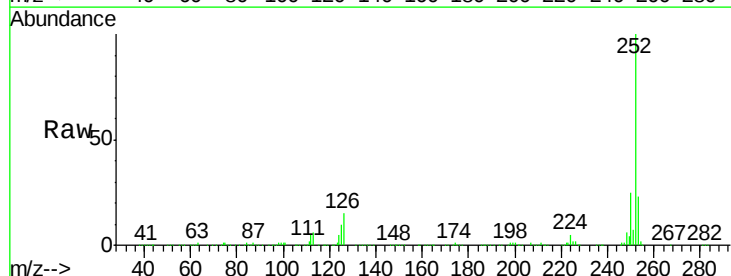
Instrument :
BNA_F
ClientSampleId :

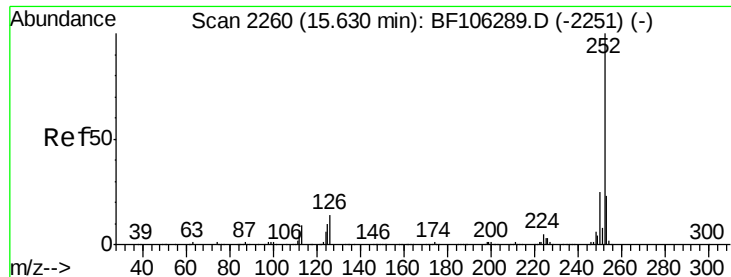
Tot Ion:252 Resp: 725042
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 10.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.798 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion:252 Resp: 725042
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.1 10.2 15.2#

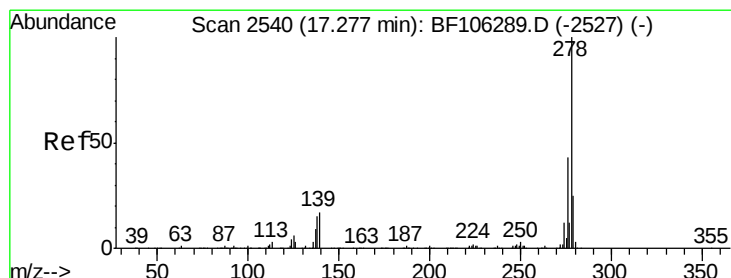
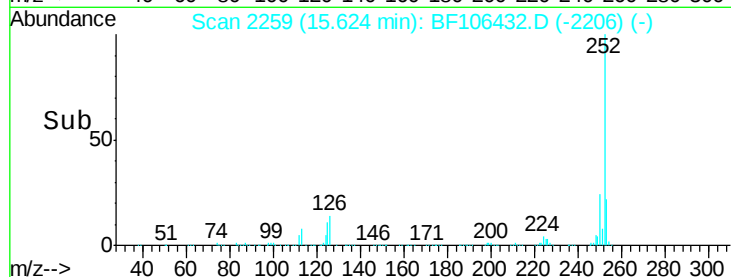
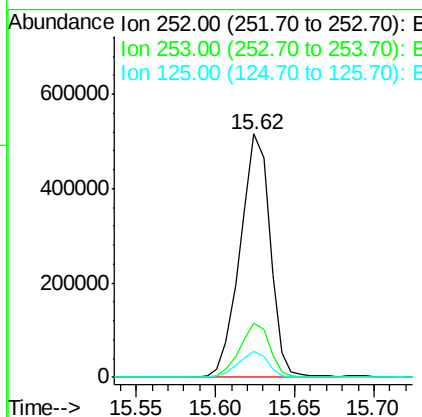
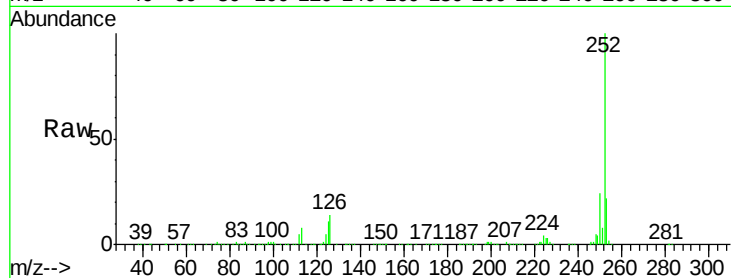




#89
Benzo(a)pyrene
Concen: 38.096 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

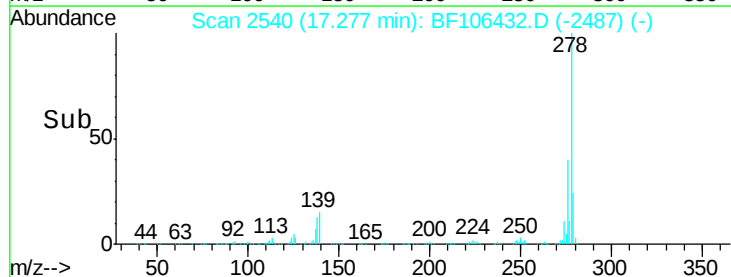
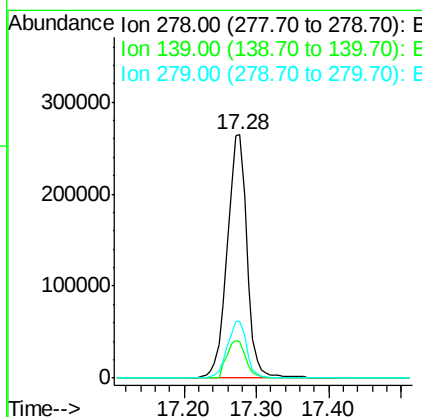
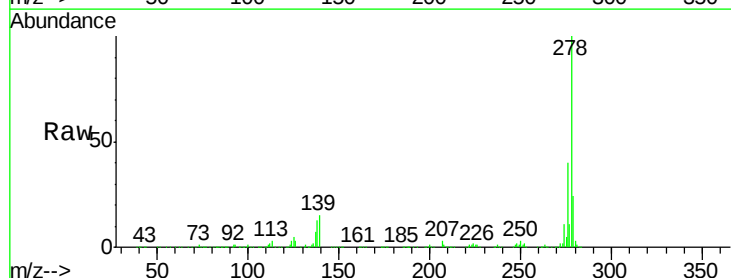
Instrument :
BNA_F
ClientSampleId :

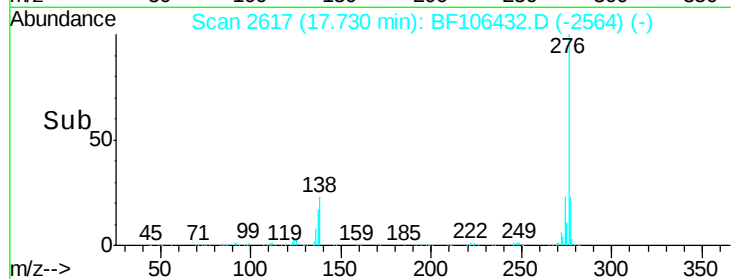
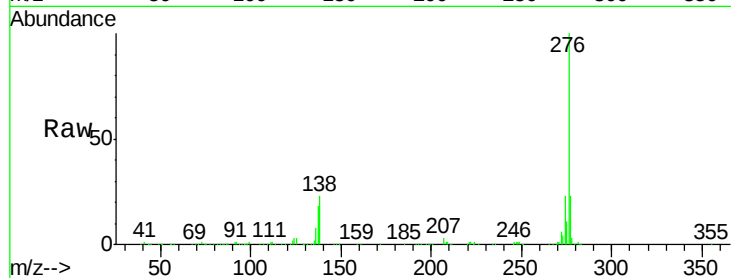
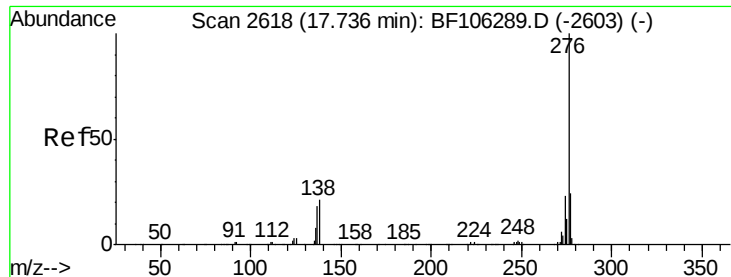
Tot Ion:252 Resp: 681719
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 10.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 33.737 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF106432.D
Acq: 14 Jun 2018 10:09

Tgt Ion:278 Resp: 503320
Ion Ratio Lower Upper
278 100
139 14.9 15.9 23.9#
279 23.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 30.976 ng

RT: 17.73 min Scan# 2617

Delta R.T. 0.01 min

Lab File: BF106432.D

Acq: 14 Jun 2018 10:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 449100

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 22.8 21.8 32.8

