

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106375.D
 Acq On : 13 Jun 2018 6:11
 Operator : JU/SJ
 Sample : J3164-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 07:10:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	102440	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	343732	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	143227	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	301169	20.00	ng	0.00
75) Chrysene-d12	14.15	240	311370	20.00	ng	-0.01
86) Perylene-d12	15.68	264	218392	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	312333	51.60	ng	0.04
7) Phenol-d6	6.64	99	229374	30.00	ng	0.05
23) Nitrobenzene-d5	7.54	82	500341	85.63	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	188227	136.59	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	834025	115.24	ng	0.00
78) Terphenyl-d14	13.09	244	1030954	82.24	ng	0.00

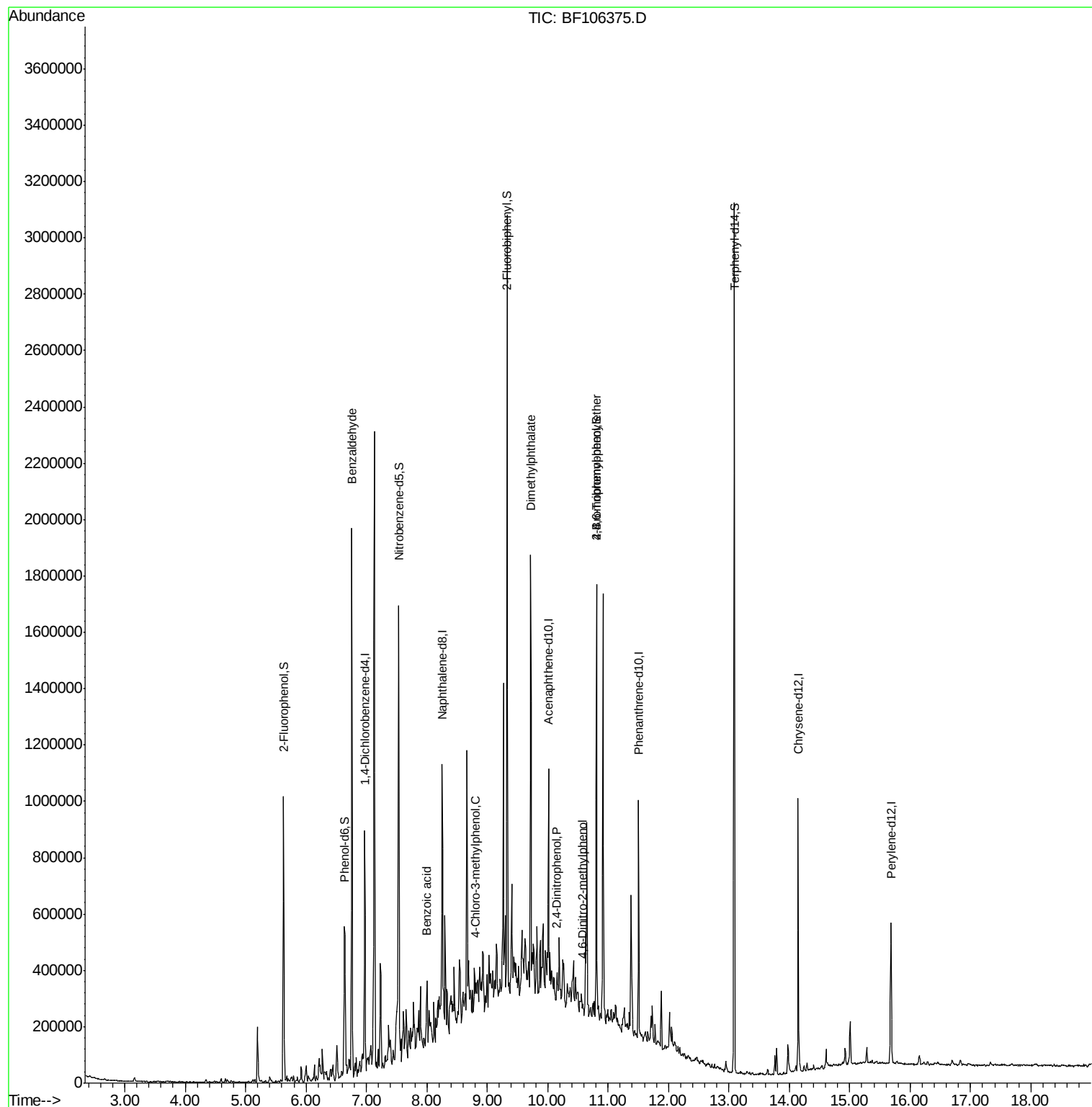
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.76	77	12651	2.181	ng	83
32) Benzoic acid	8.00	122	512	7.411	ng	# 1
36) 4-Chloro-3-methylphenol	8.81	107	11750	2.279	ng	# 26
49) Dimethylphthalate	9.72	163	112519	10.996	ng	# 95
53) 2,4-Dinitrophenol	10.16	184	1992	10.466	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.58	198	247	6.427	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	12638	3.689	ng	# 1

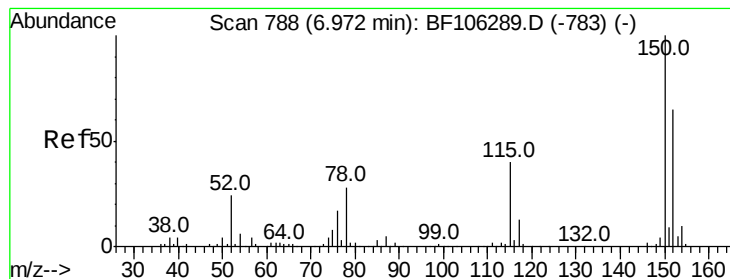
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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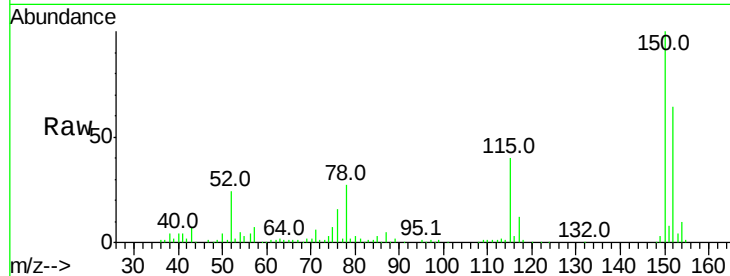


#1

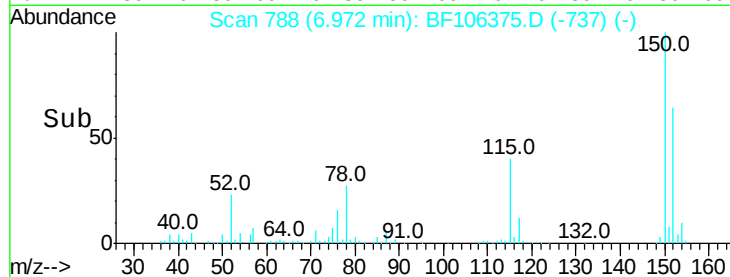
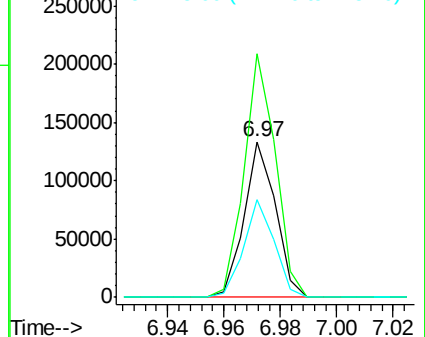
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102440
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 63.3 50.1 75.1



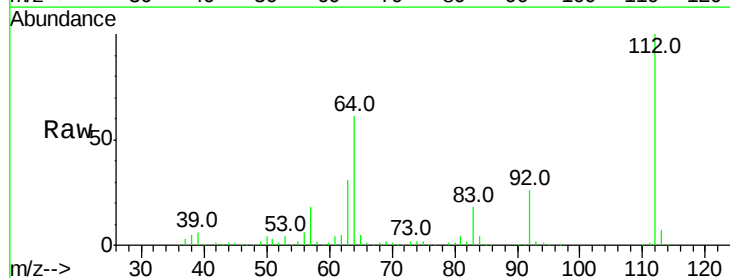
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



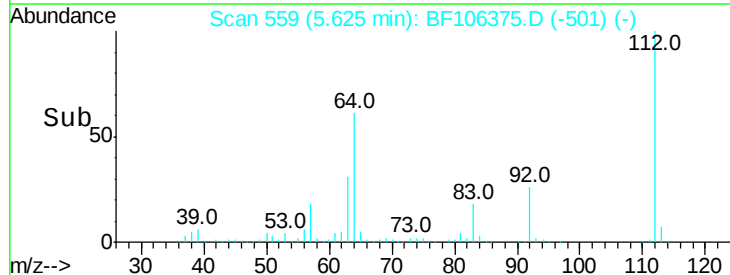
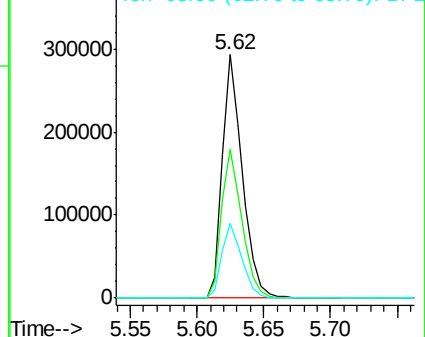
#5

2-Fluorophenol
Concen: 51.603 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.04 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion:112 Resp: 312333
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 29.996 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.05 min

Lab File: BF106375.D

Acq: 13 Jun 2018 6:11

Instrument :

BNA_F

ClientSampled :

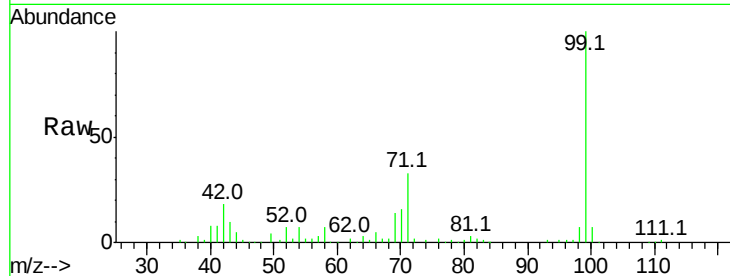
Tot Ion: 99 Resp: 229374

Ion Ratio Lower Upper

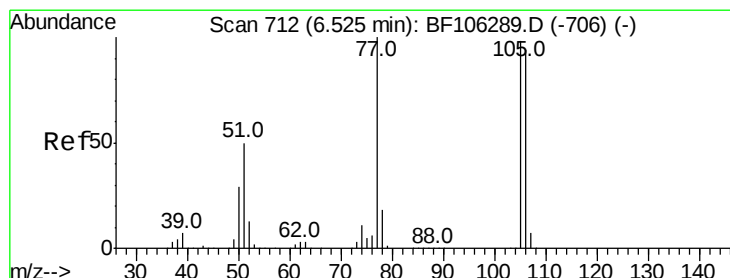
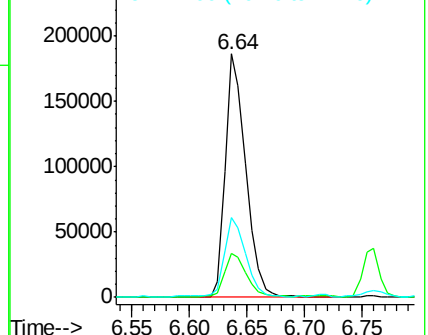
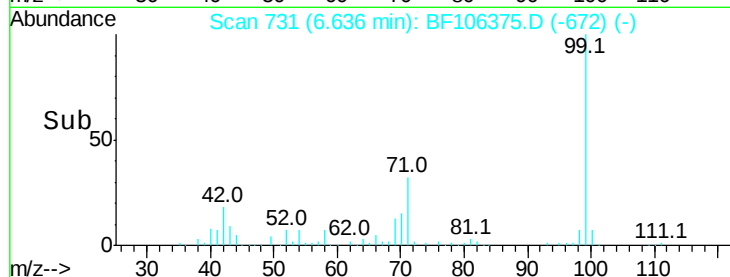
99 100

42 18.2 14.5 21.7

71 32.5 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



#9

Benzaldehyde

Concen: 2.181 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.24 min

Lab File: BF106375.D

Acq: 13 Jun 2018 6:11

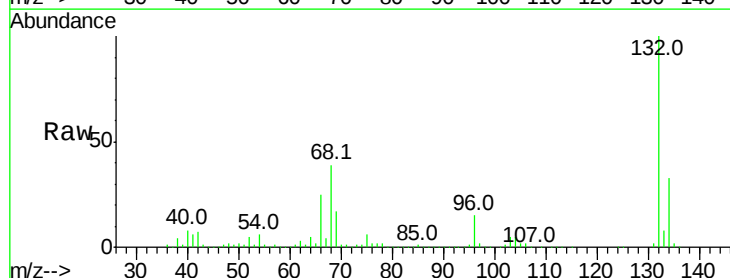
Tgt Ion: 77 Resp: 12651

Ion Ratio Lower Upper

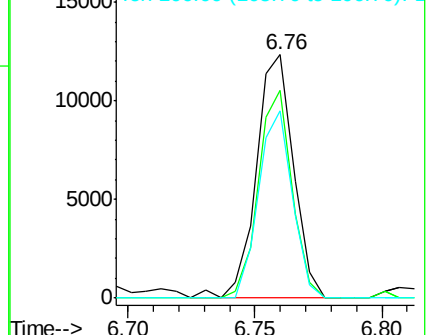
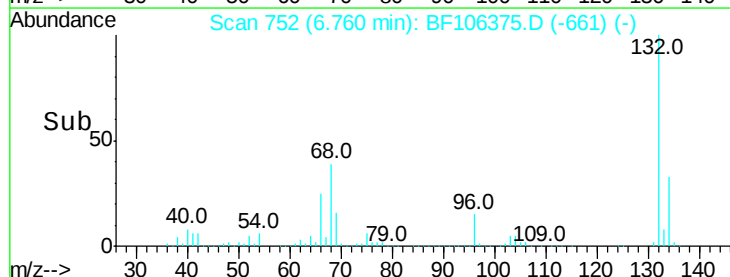
77 100

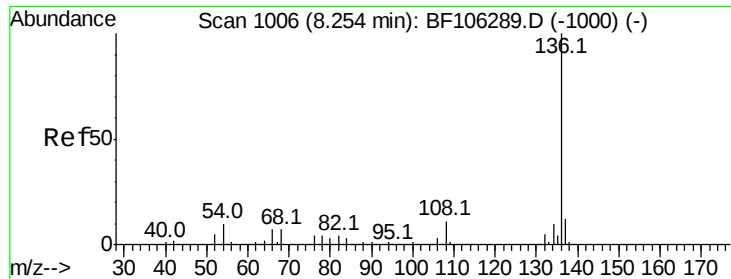
105 85.5 81.1 121.1

106 76.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

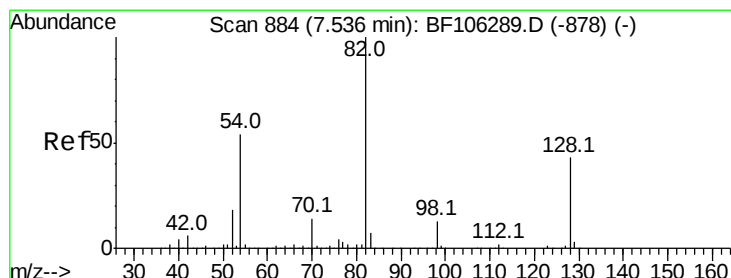
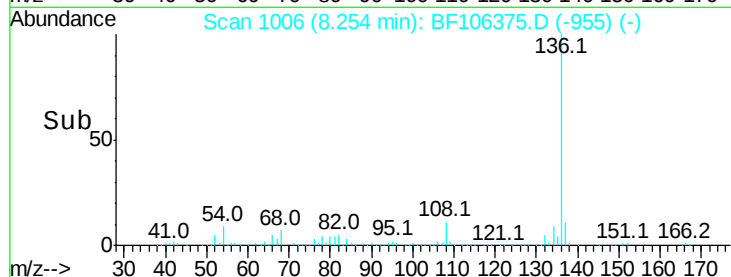
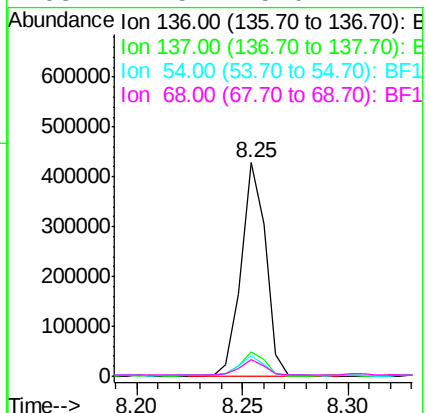
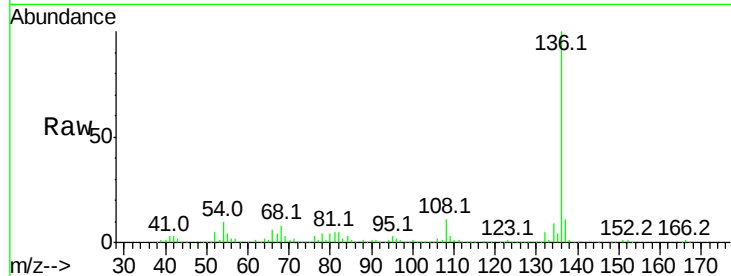




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

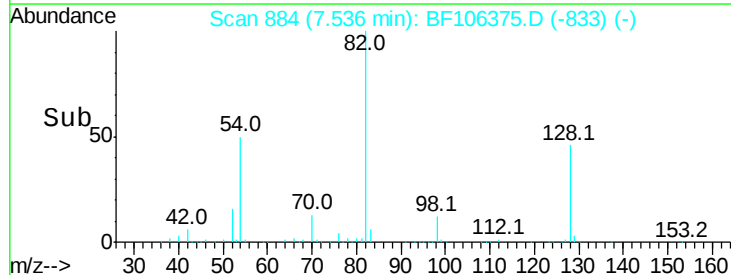
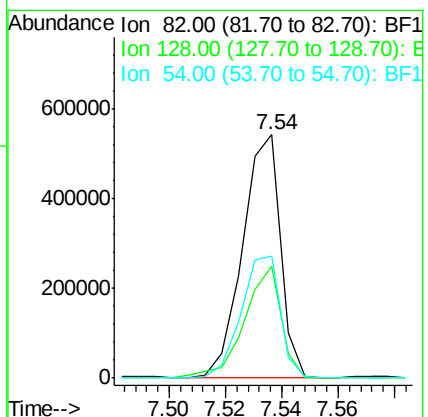
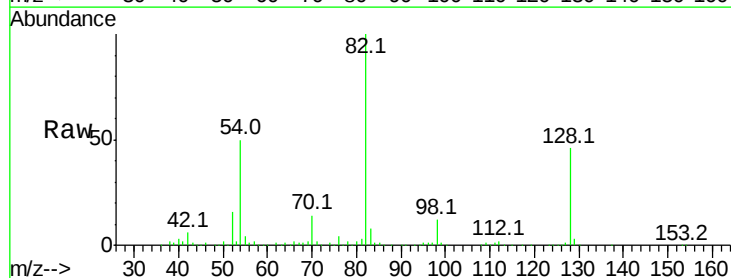
Instrument :
BNA_F
ClientSampleId :

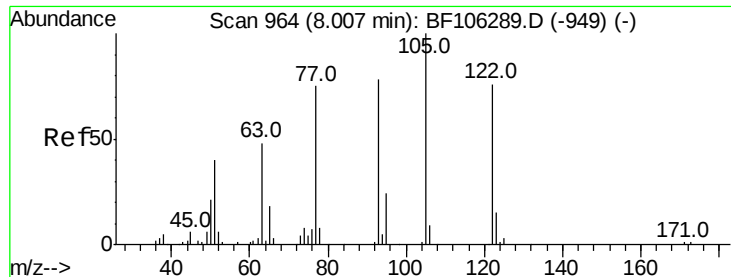
Tot Ion:	136	Resp:	343732
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.6	6.6	9.8
68	7.5	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 85.632 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion:	82	Resp:	500341
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	50.2	41.4	62.2

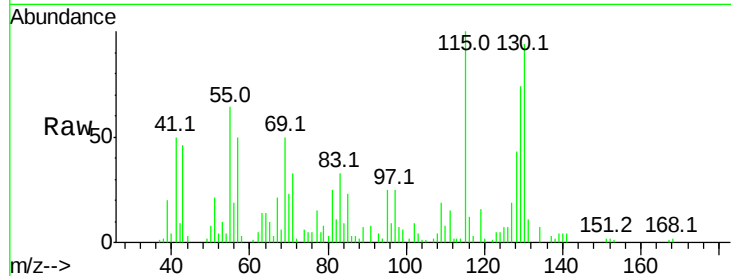




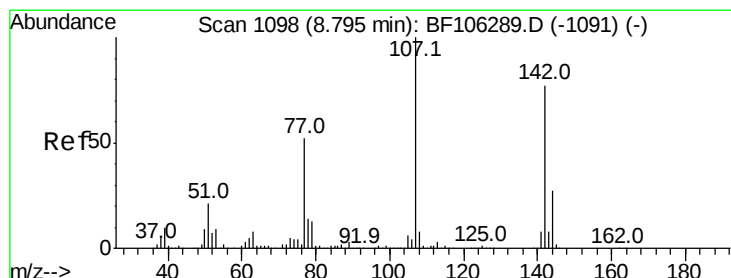
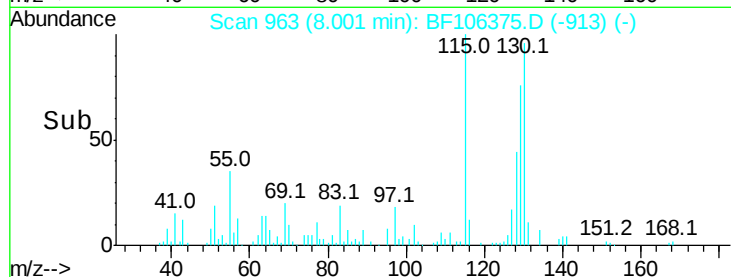
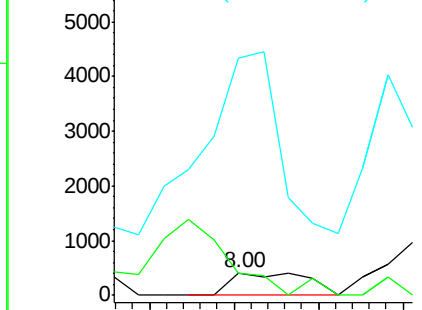
#32
Benzoic acid
Concen: 7.411 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 512
Ion Ratio Lower Upper
122 100
105 96.3 101.1 141.1#
77 1056.3 70.7 110.7#

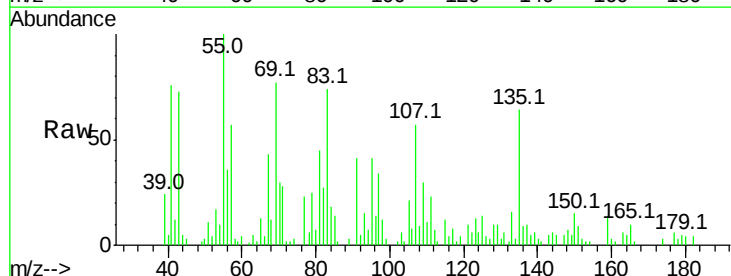


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

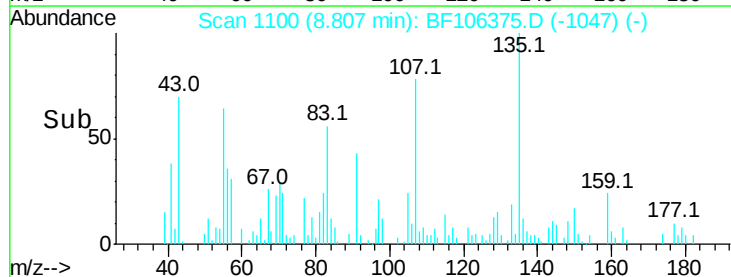
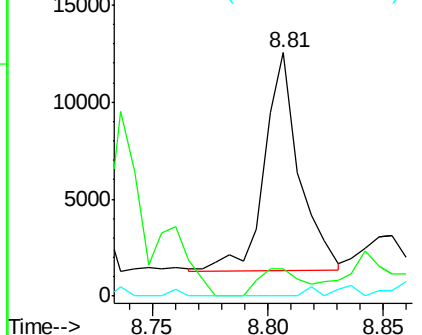


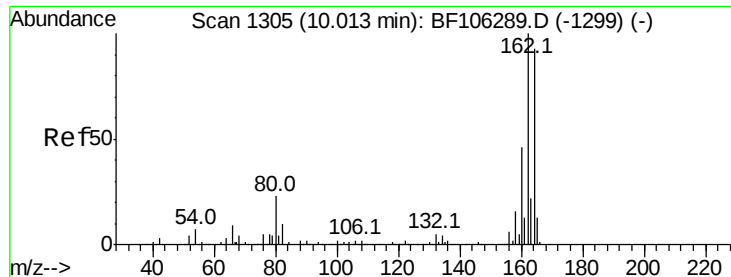
#36
4-Chloro-3-methylphenol
Concen: 2.279 ng
RT: 8.81 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion:107 Resp: 11750
Ion Ratio Lower Upper
107 100
144 11.2 20.5 30.7#
142 0.0 62.0 93.0#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

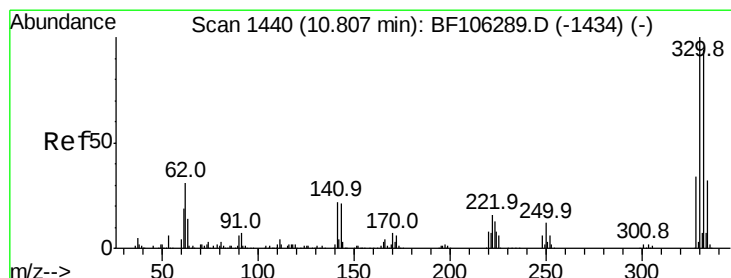
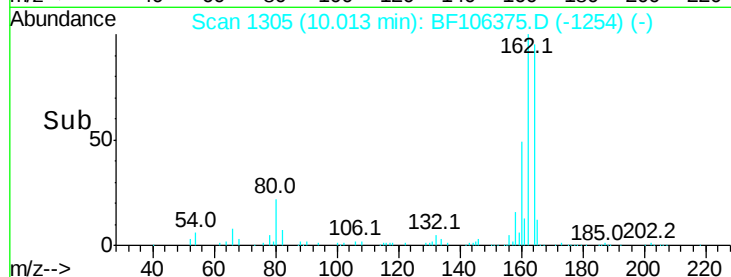
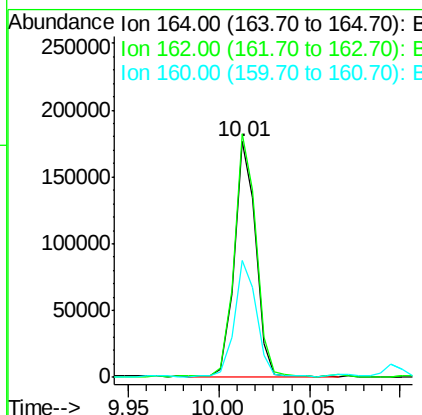
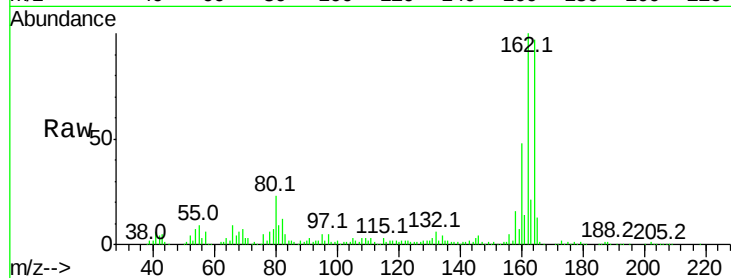




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

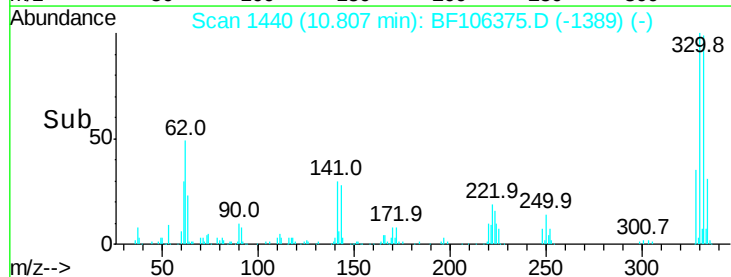
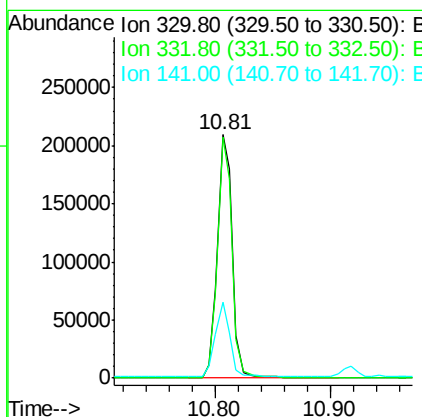
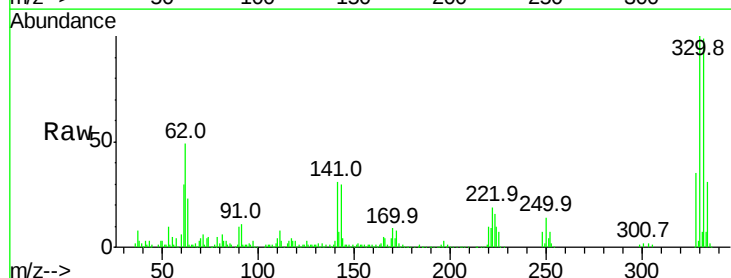
Instrument :
BNA_F
ClientSampled :

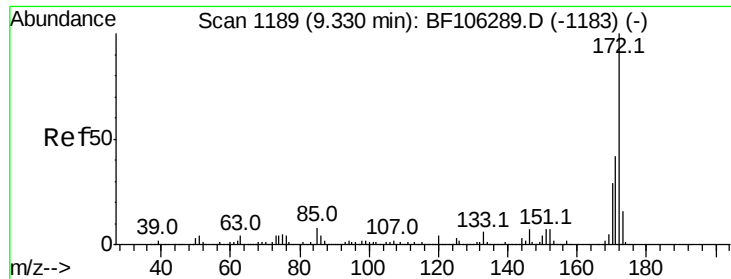
Tot Ion:164 Resp: 143227
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 49.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 136.585 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion:330 Resp: 188227
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 30.9 29.9 44.9

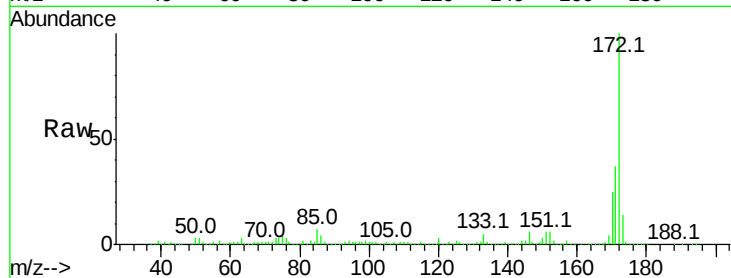




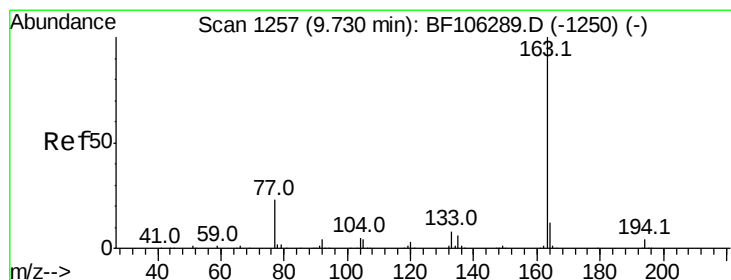
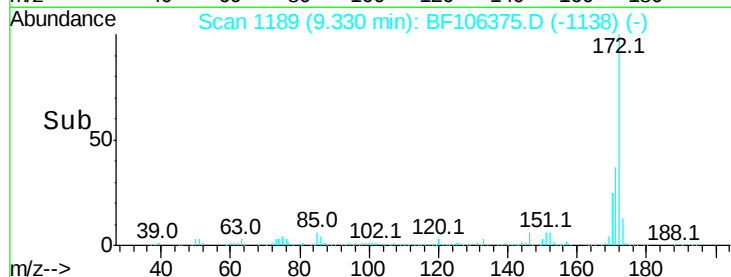
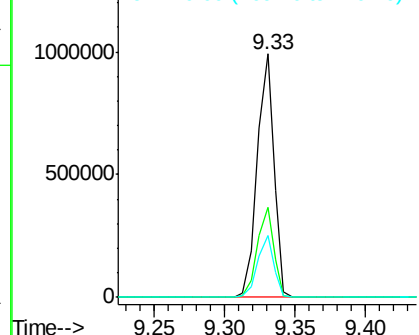
#44
2-Fluorobiphenyl
Concen: 115.238 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	25.2	19.6	29.4

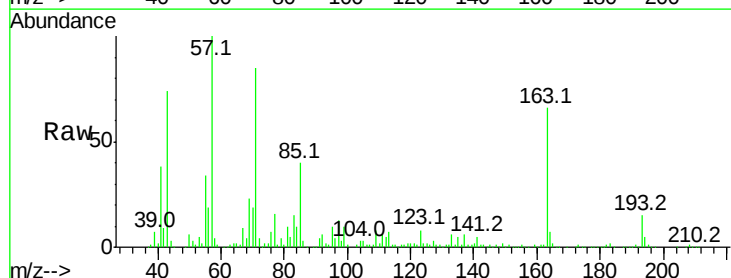


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

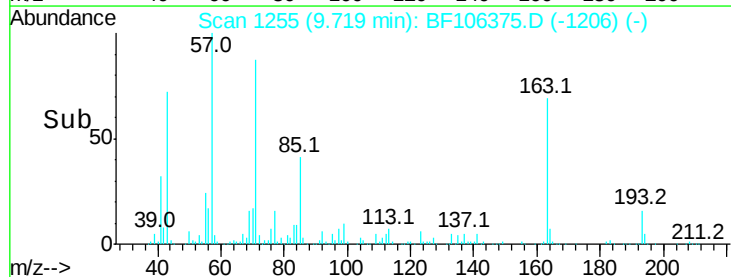
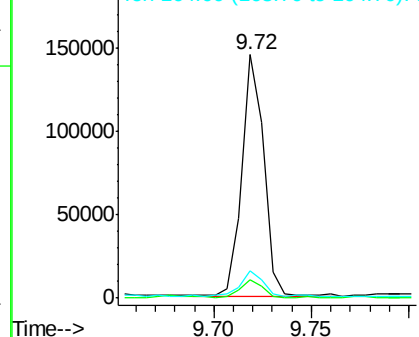


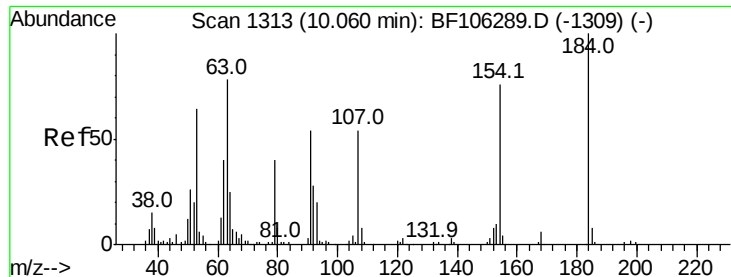
#49
Dimethylphthalate
Concen: 10.996 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106375.D
Acq: 13 Jun 2018 6:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	7.5	2.7	4.1#
164	11.1	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

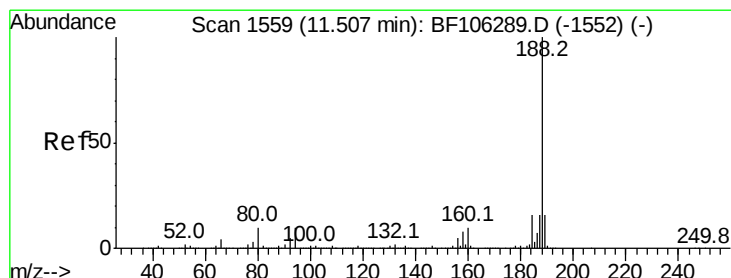
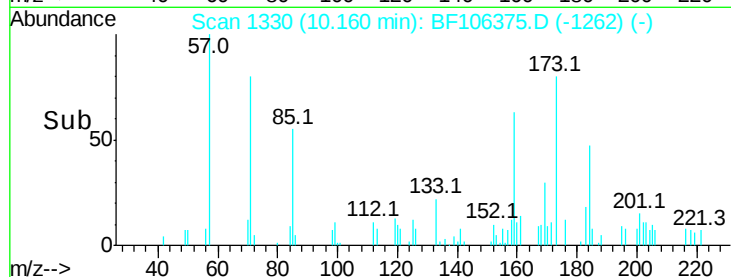
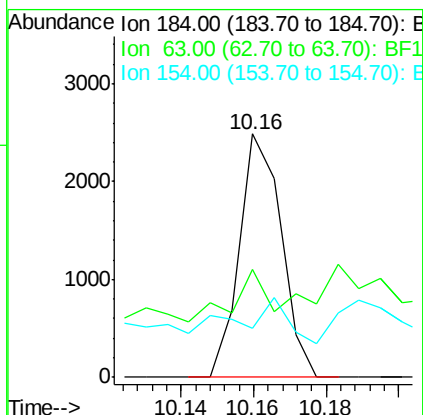
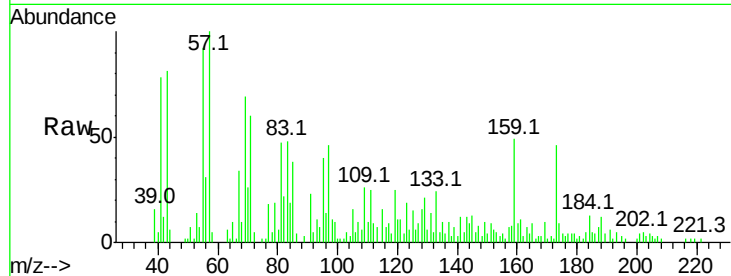




#53
 2,4-Dinitrophenol
 Concen: 10.466 ng
 RT: 10.16 min Scan# 1330
 Delta R.T. 0.10 min
 Lab File: BF106375.D
 Acq: 13 Jun 2018 6:11

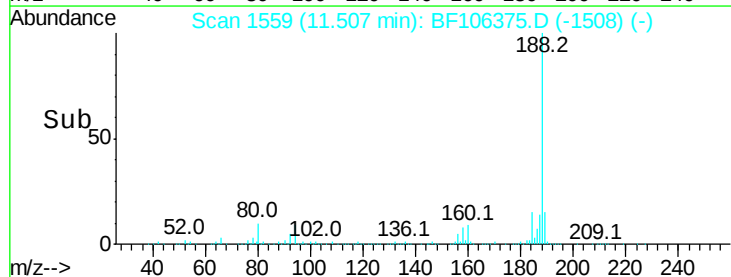
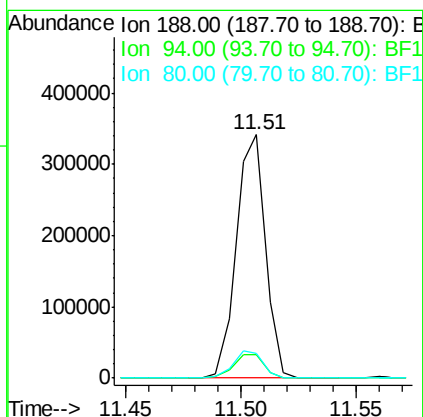
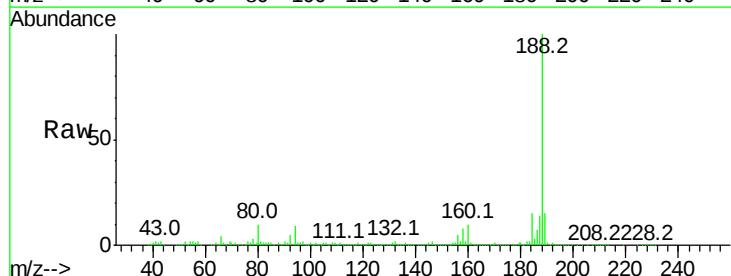
Instrument :
 BNA_F
 ClientSampleId :

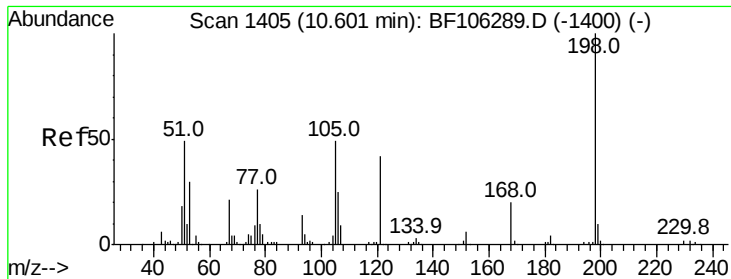
Tot Ion:184 Resp: 1992
 Ion Ratio Lower Upper
 184 100
 63 44.6 54.2 81.2#
 154 20.3 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BF106375.D
 Acq: 13 Jun 2018 6:11

Tgt Ion:188 Resp: 301169
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 10.0 9.2 13.8

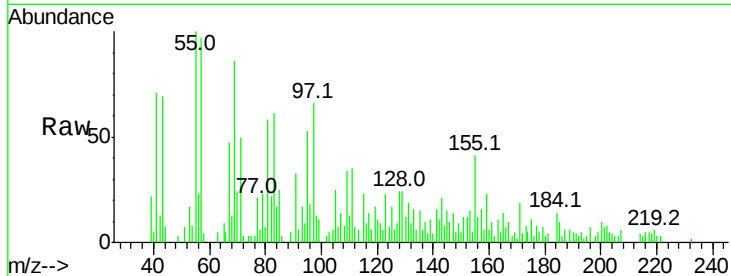




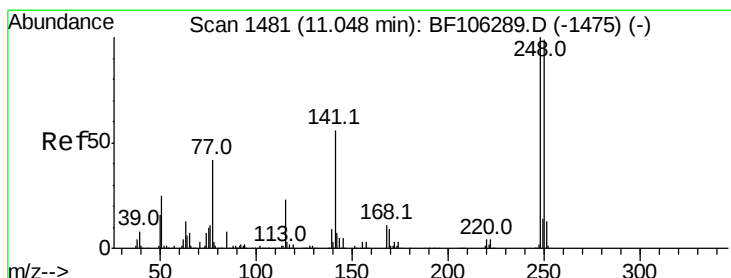
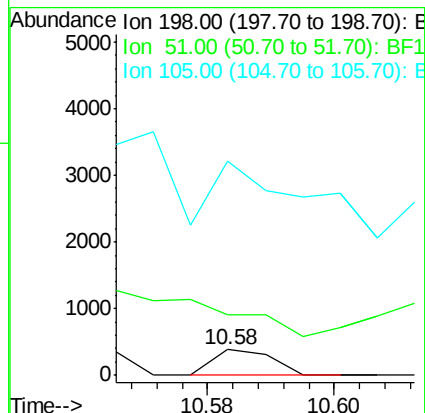
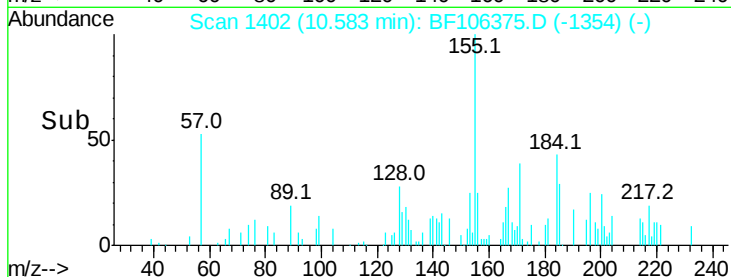
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.427 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. -0.02 min
 Lab File: BF106375.D
 Acq: 13 Jun 2018 6:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 247
 Ion Ratio Lower Upper
 198 100
 51 240.4 37.7 77.7#
 105 841.5 36.3 76.3#

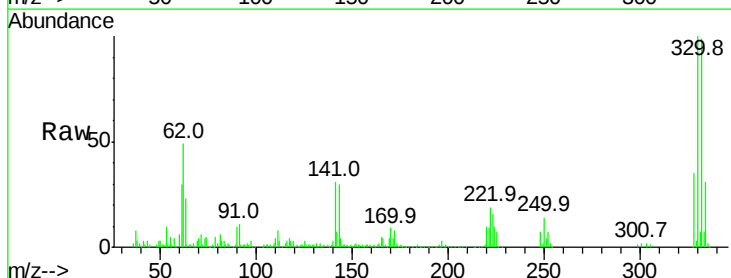


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

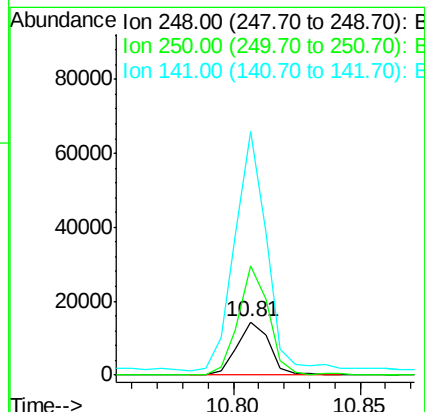
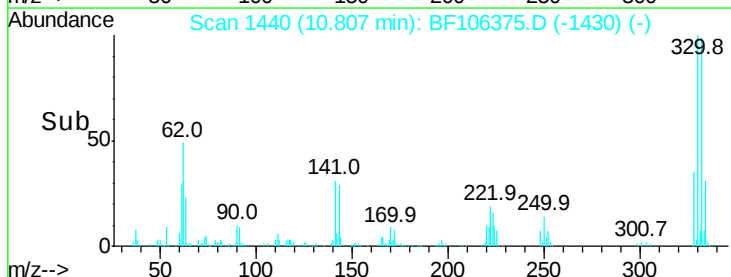


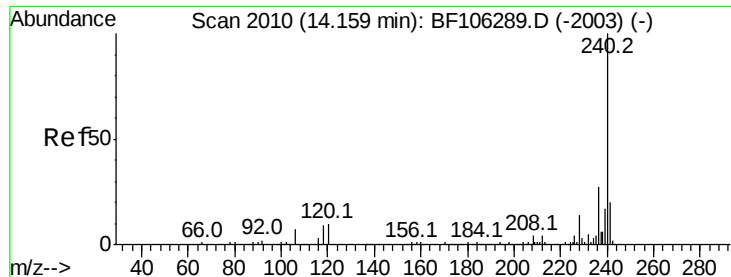
#66
 4-Bromophenyl-phenylether
 Concen: 3.689 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF106375.D
 Acq: 13 Jun 2018 6:11

Tgt Ion:248 Resp: 12638
 Ion Ratio Lower Upper
 248 100
 250 205.5 76.9 115.3#
 141 459.6 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106375.D

Acq: 13 Jun 2018 6:11

Instrument :

BNA_F

ClientSampleId :

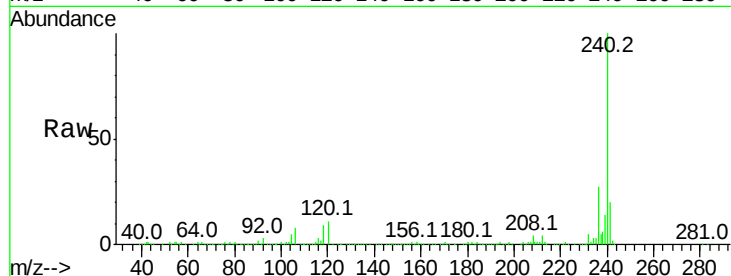
Tot Ion:240 Resp: 311370

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

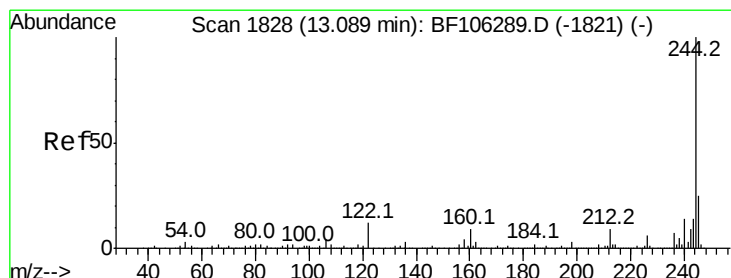
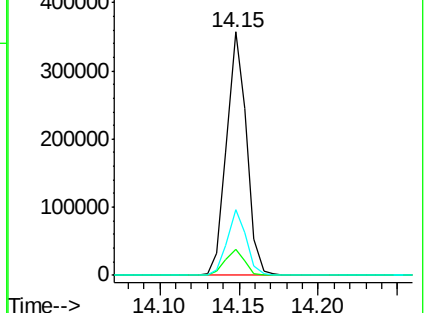
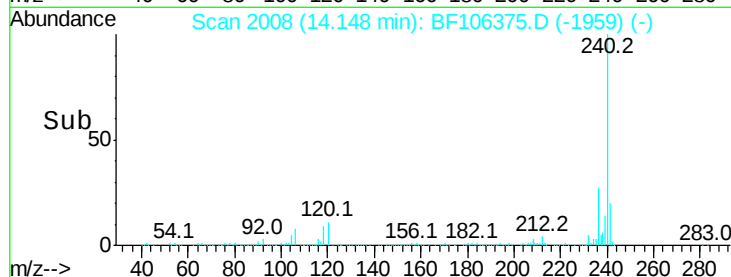
236 26.8 20.7 31.1



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



#78

Terphenyl-d14

Concen: 82.239 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106375.D

Acq: 13 Jun 2018 6:11

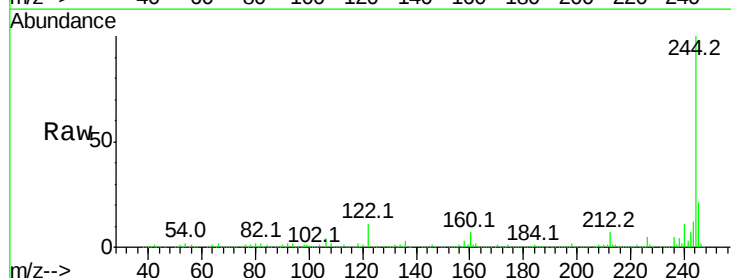
Tgt Ion:244 Resp: 1030954

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

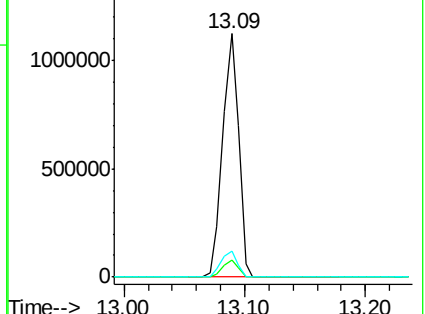
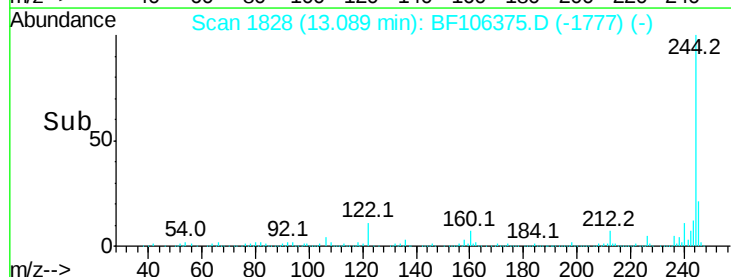
122 10.8 11.0 16.4#

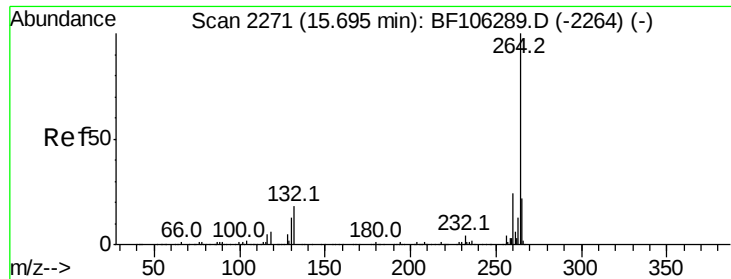


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

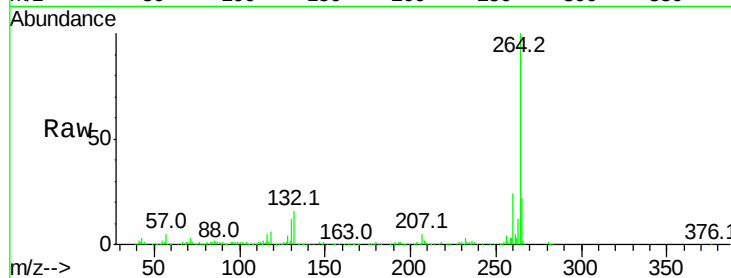




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106375.D
 Acq: 13 Jun 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

