

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106395.D
 Acq On : 13 Jun 2018 17:05
 Operator : JU/SJ
 Sample : J3448-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 02:20:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

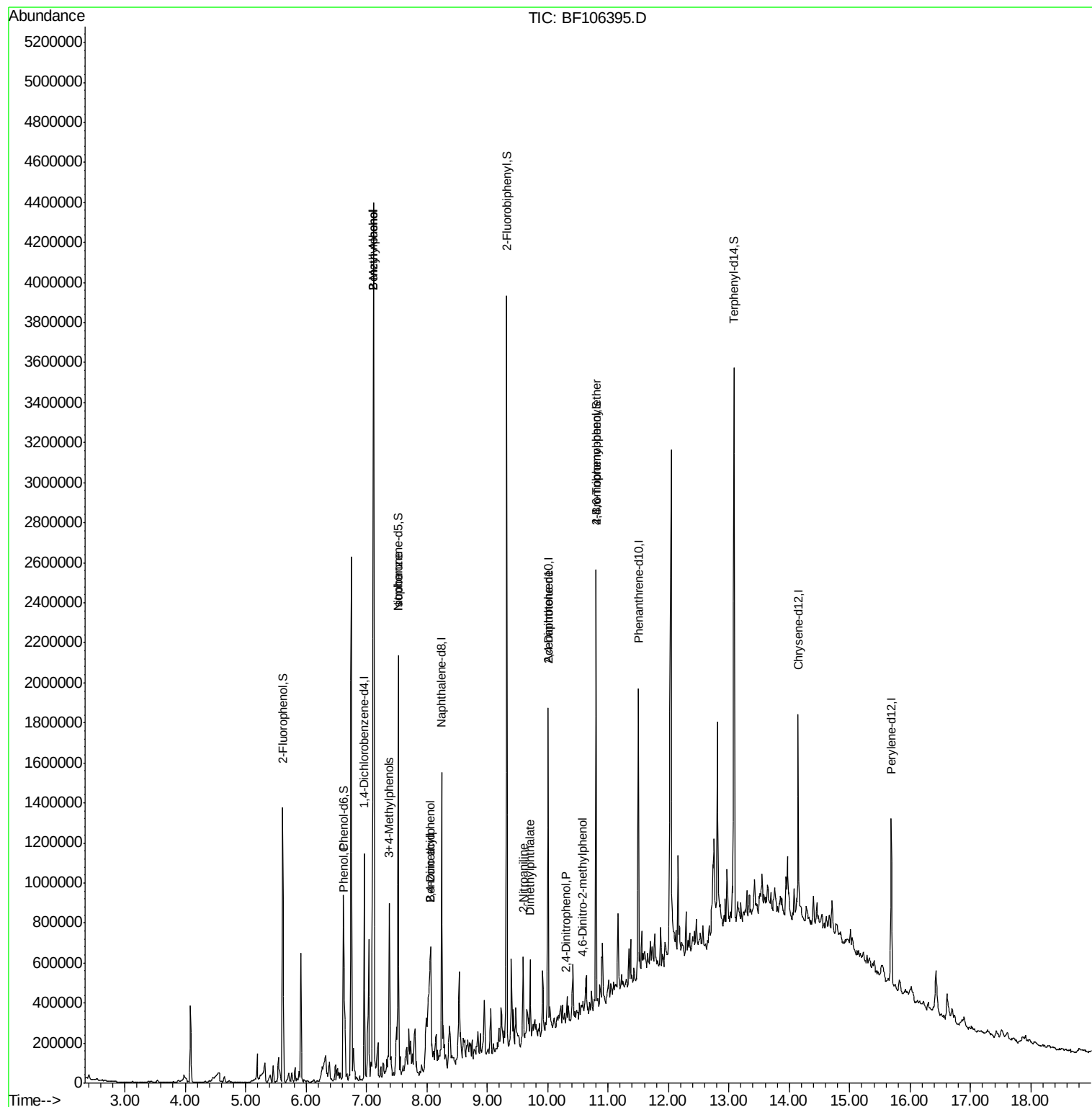
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148348	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	561588	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	276606	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	523516	20.00	ng	0.00
75) Chrysene-d12	14.15	240	368732	20.00	ng	-0.01
86) Perylene-d12	15.69	264	417065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	406994	46.43	ng	-0.01
7) Phenol-d6	6.62	99	342653	30.94	ng	0.00
23) Nitrobenzene-d5	7.53	82	686158	71.88	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	297782	111.89	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1162760	70.62	ng	0.00
78) Terphenyl-d14	13.08	244	1072065	72.21	ng	0.00
Target Compounds						
10) Phenol	6.63	94	62208	5.146	ng	85
15) Benzyl Alcohol	7.12	79	880934	92.891	ng	98
17) 2-Methylphenol	7.12	107	491546	58.451	ng	# 16
20) 3+4-Methylphenols	7.38	107	215186	20.009	ng	89
25) Isophorone	7.53	82	682766	36.617	ng	# 64
27) 2,4-Dimethylphenol	8.07	122	362643	45.941	ng	# 5
32) Benzoic acid	8.07	122	362643	60.118	ng	93
47) 2-Nitroaniline	9.60	65	22860	4.238	ng	# 19
49) Dimethylphthalate	9.71	163	101070	5.114	ng	98
53) 2,4-Dinitrophenol	10.30	184	148	8.685	ng	# 59
56) 2,4-Dinitrotoluene	10.01	165	37394	7.377	ng	# 26
64) 4,6-Dinitro-2-methylphenol	10.58	198	111	6.329	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	19573	3.287	ng	# 1

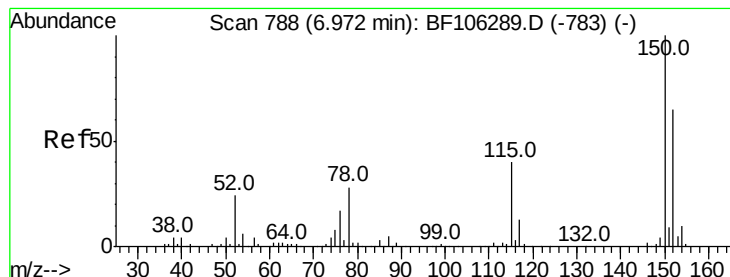
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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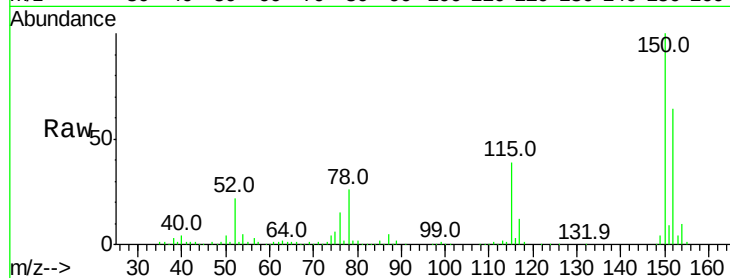


#1

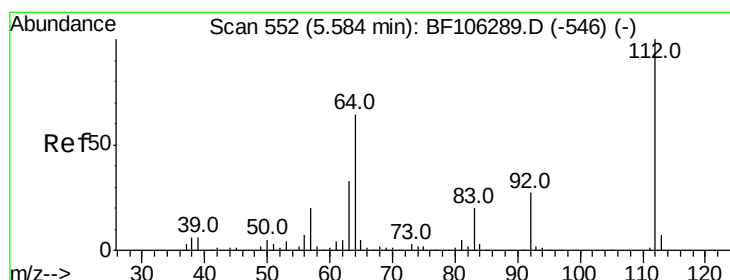
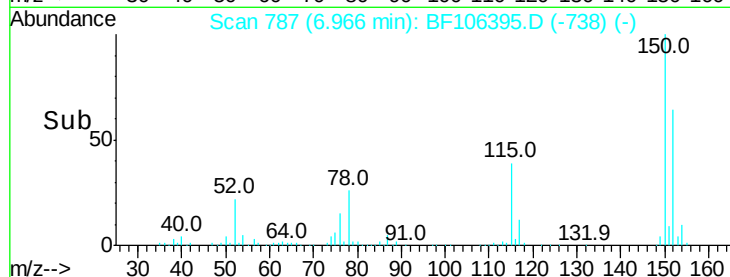
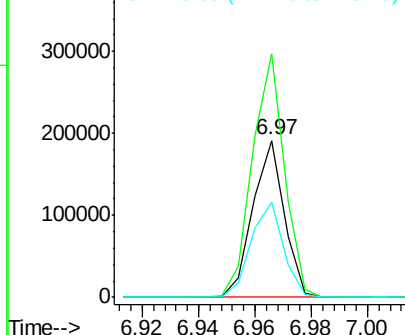
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148348
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.5 50.1 75.1



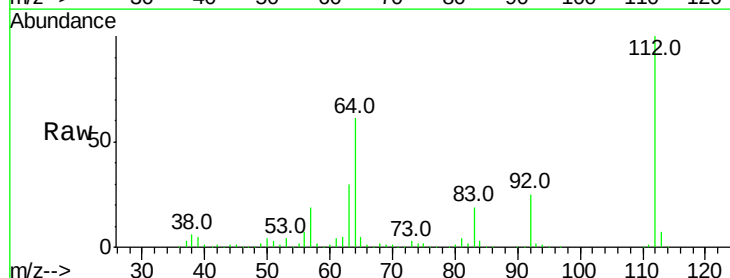
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



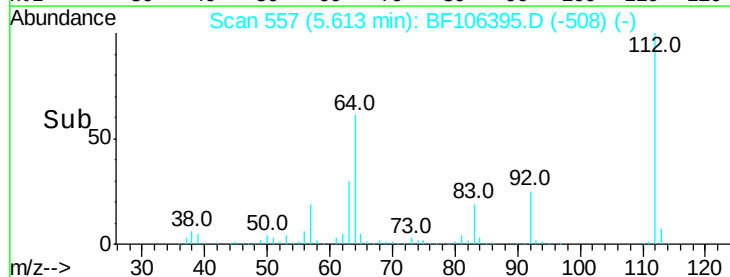
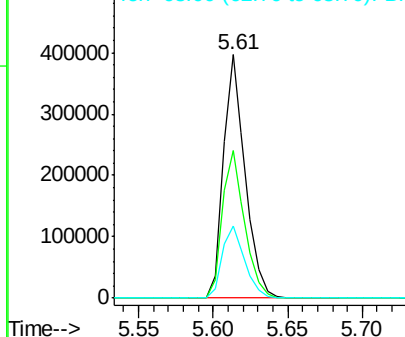
#5

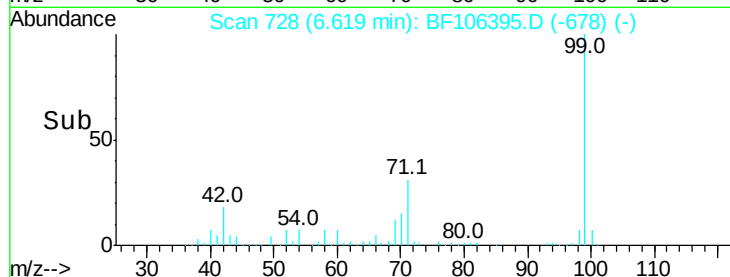
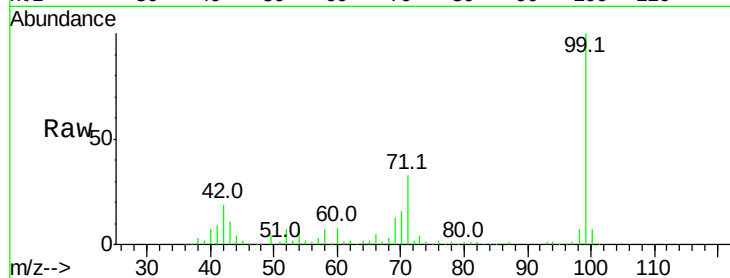
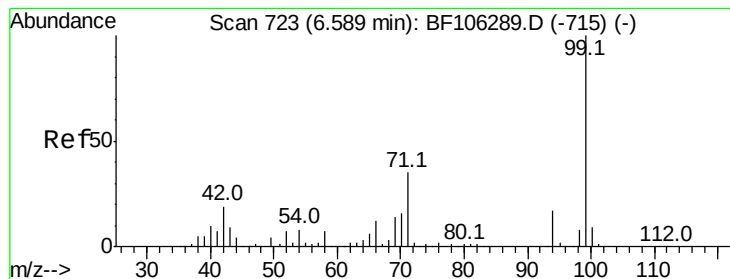
2-Fluorophenol
Concen: 46.434 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Tgt Ion:112 Resp: 406994
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 29.7 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: 30.943 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

Instrument :

BNA_F

ClientSampleId :

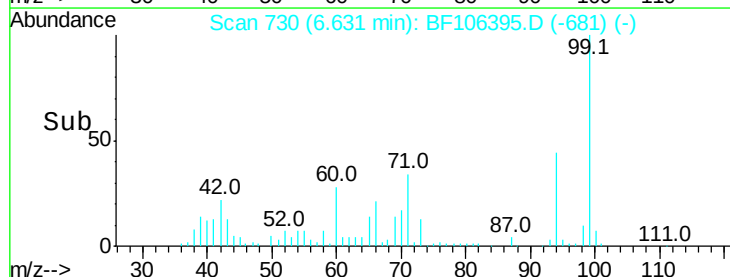
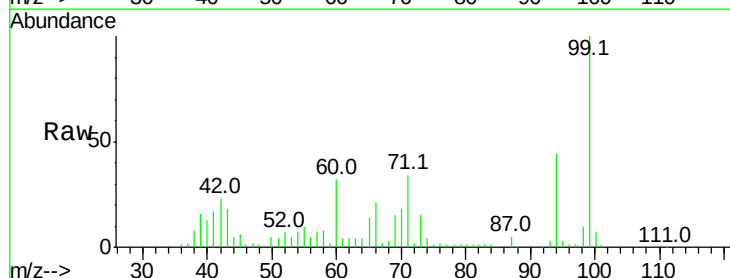
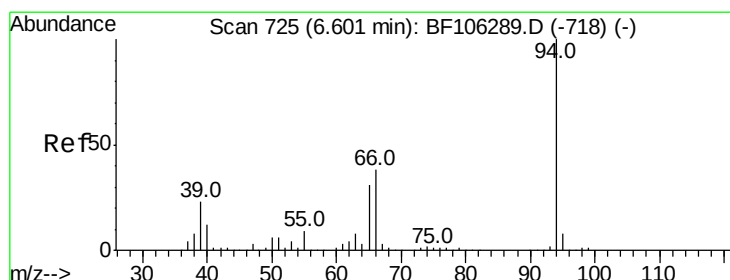
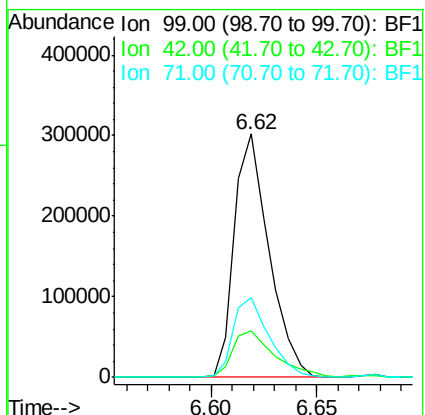
Tot Ion: 99 Resp: 342653

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.6 25.4 38.0



#10

Phenol

Concen: 5.146 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

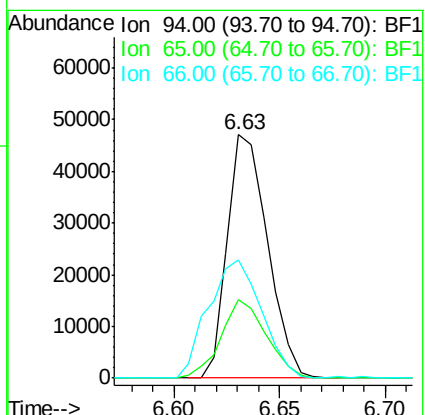
Tgt Ion: 94 Resp: 62208

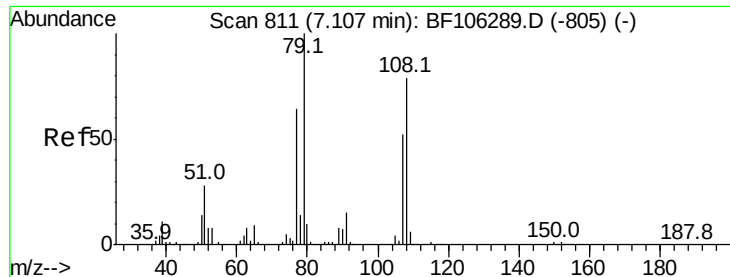
Ion Ratio Lower Upper

94 100

65 32.0 7.9 47.9

66 48.3 16.2 56.2

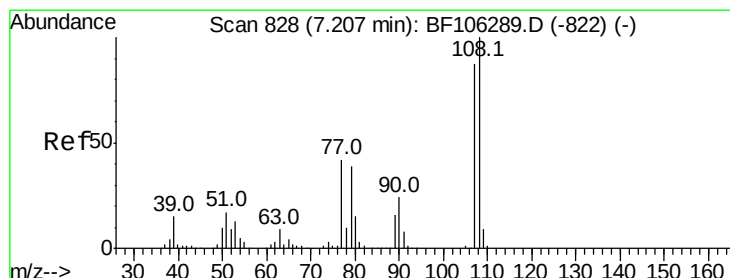
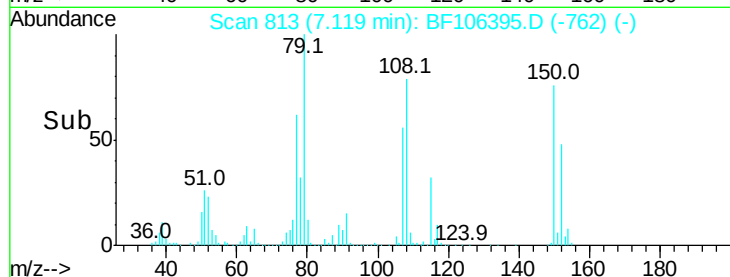
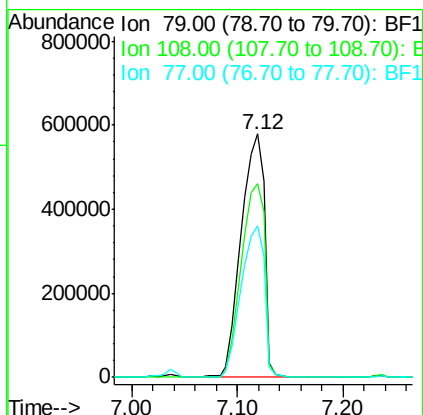
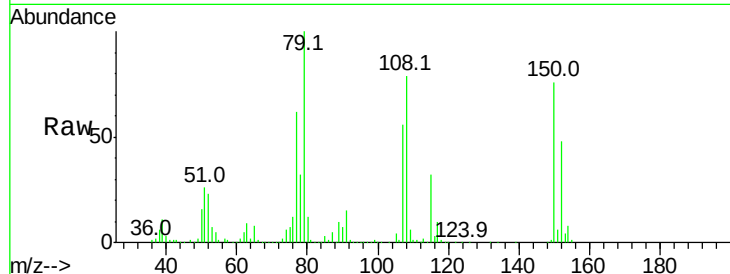




#15
Benzyl Alcohol
Concen: 92.891 ng
RT: 7.12 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

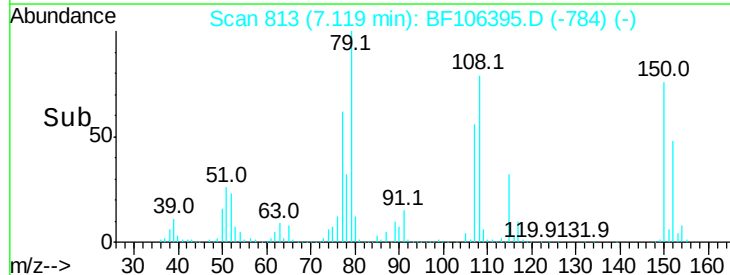
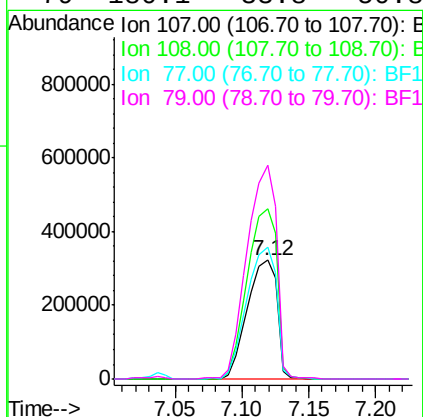
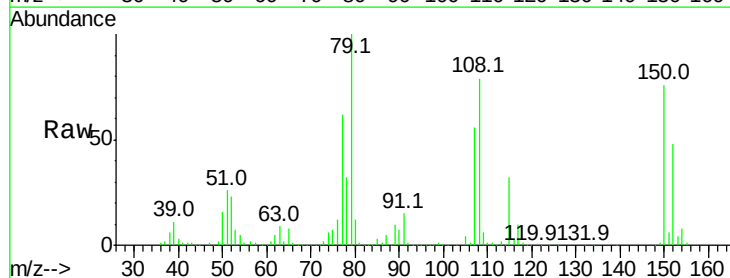
Instrument :
BNA_F
ClientSampleId :

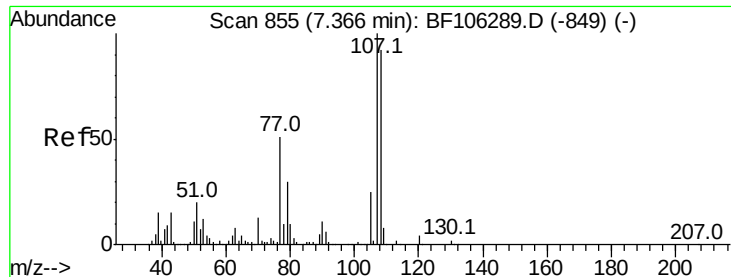
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	65.1	97.7
77	62.0	50.6	75.8



#17
2-Methylphenol
Concen: 58.451 ng
RT: 7.12 min Scan# 813
Delta R.T. -0.13 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	143.1	91.7	137.5#
77	111.6	33.8	50.8#
79	180.1	33.8	50.8#





#20

3+4-Methylphenols

Concen: 20.009 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 215186

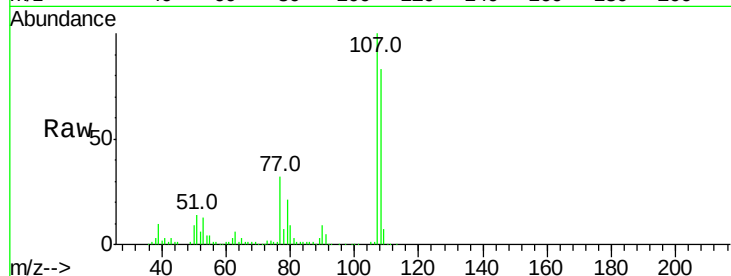
Ion Ratio Lower Upper

107 100

108 82.7 68.2 108.2

77 31.7 26.7 66.7

79 21.2 6.3 46.3

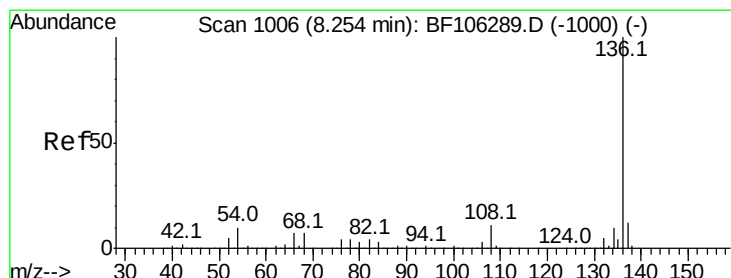
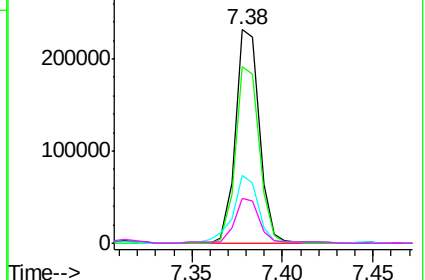
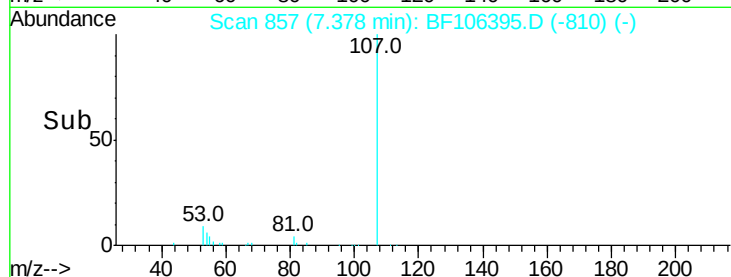


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

Tgt Ion:136 Resp: 561588

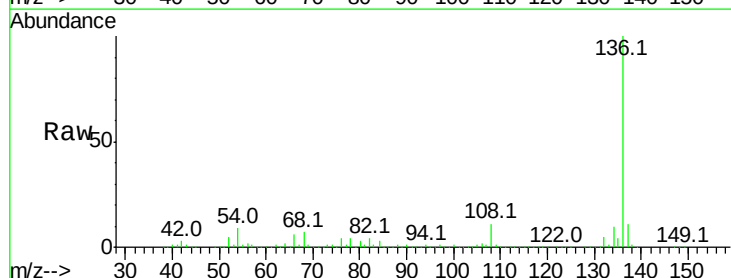
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.9 6.6 9.8

68 7.1 5.0 7.4

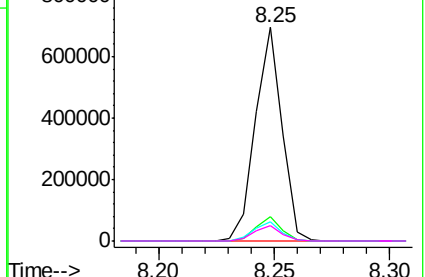
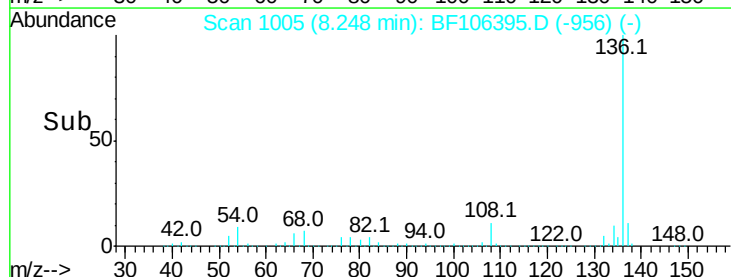


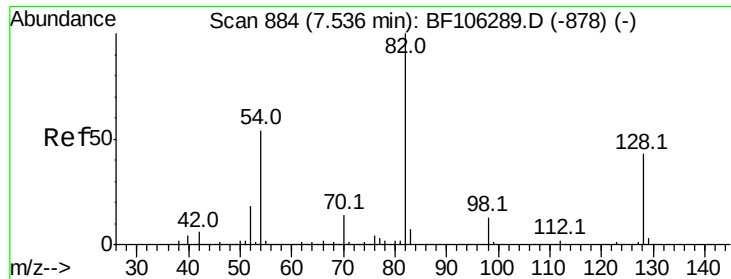
Abundance Ion 136.00 (135.70 to 136.70): E

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

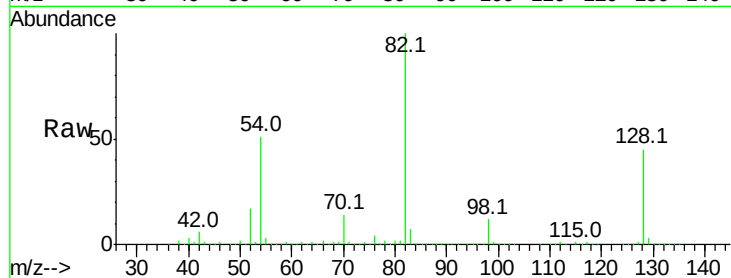




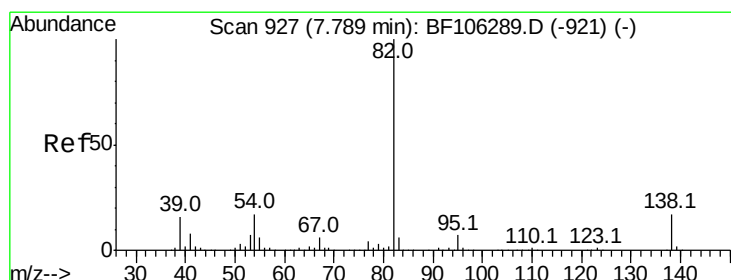
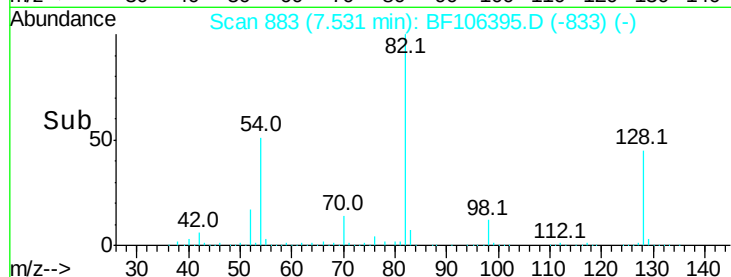
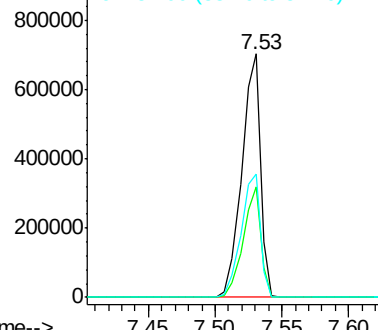
#23
Nitrobenzene-d5
Concen: 71.878 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	686158
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.1	54.1
54	50.6	41.4	62.2

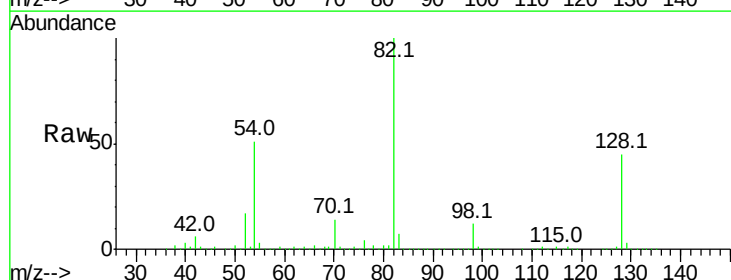


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

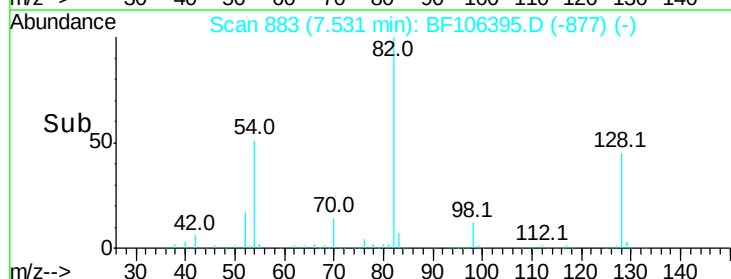
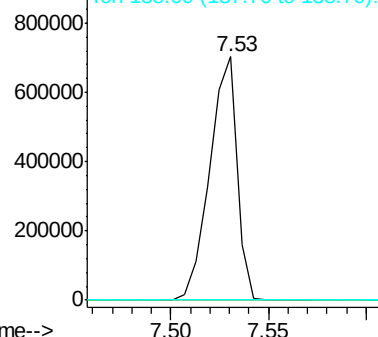


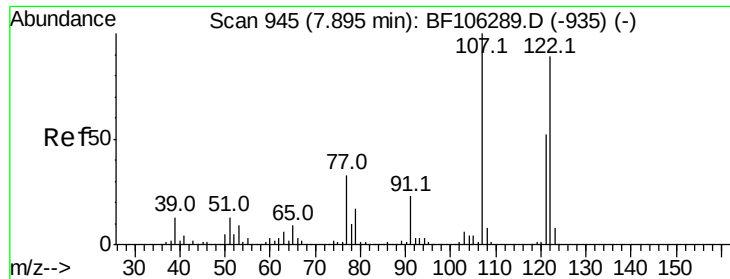
#25
Isophorone
Concen: 36.617 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Tgt Ion	82	Resp	682766
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

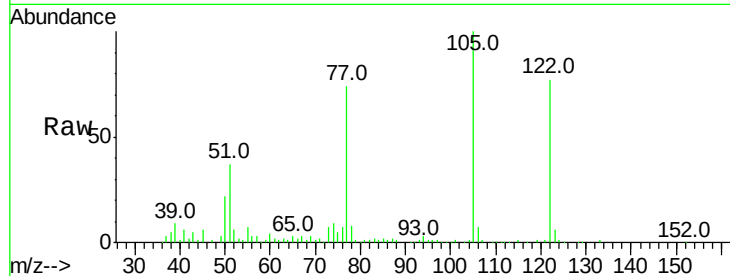




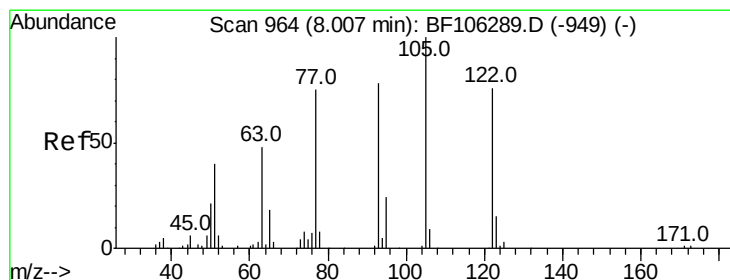
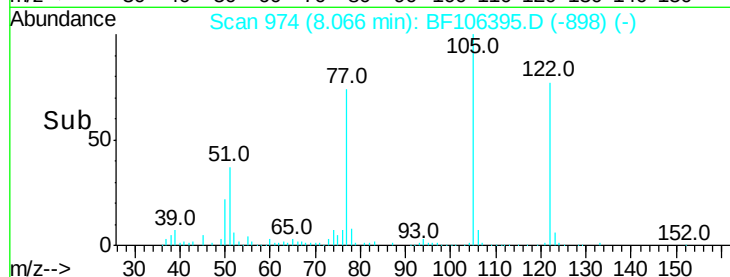
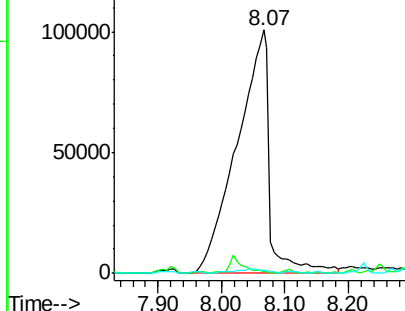
#27
2,4-Dimethylphenol
Concen: 45.941 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.15 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 362643
Ion Ratio Lower Upper
122 100
107 0.8 91.2 136.8#
121 1.3 47.2 70.8#

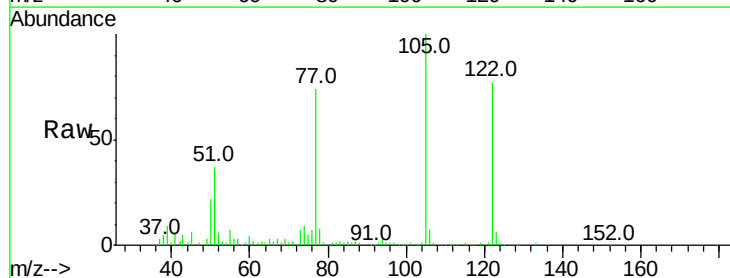


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

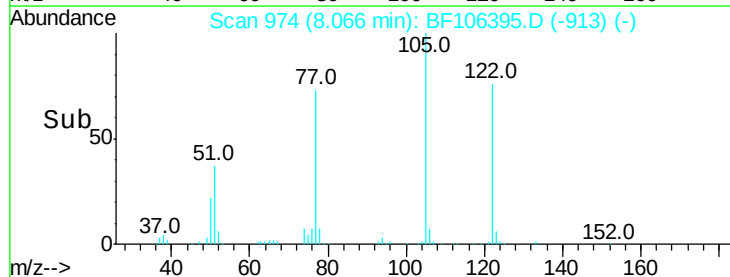
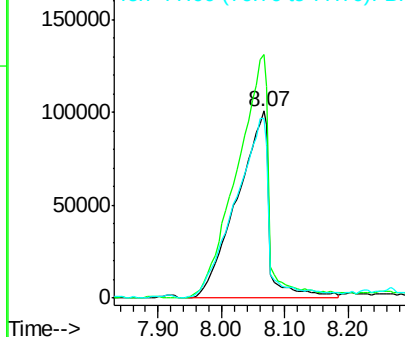


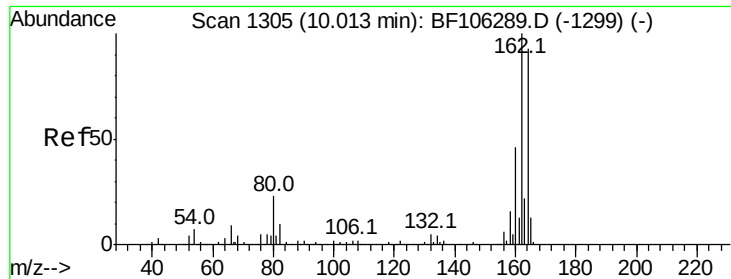
#32
Benzoic acid
Concen: 60.118 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.06 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Tgt Ion:122 Resp: 362643
Ion Ratio Lower Upper
122 100
105 130.1 101.1 141.1
77 96.0 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

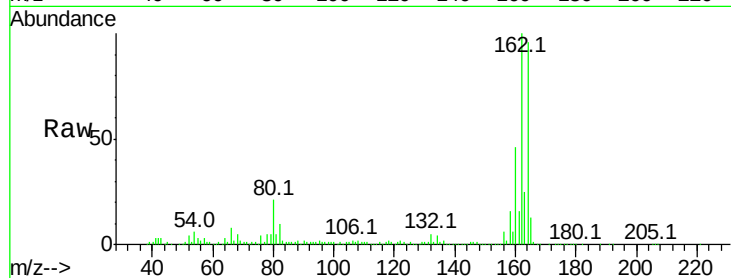




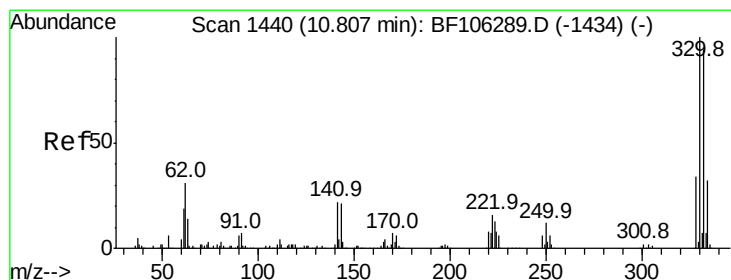
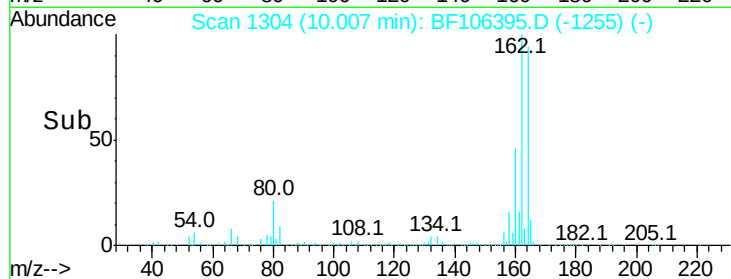
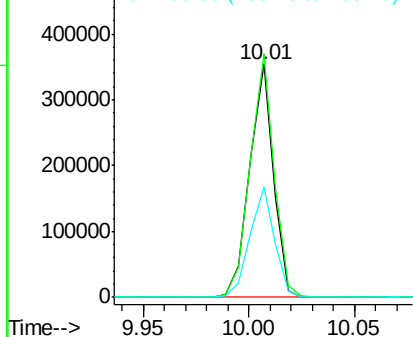
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106395.D
 Acq: 13 Jun 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	47.6	38.3	57.5

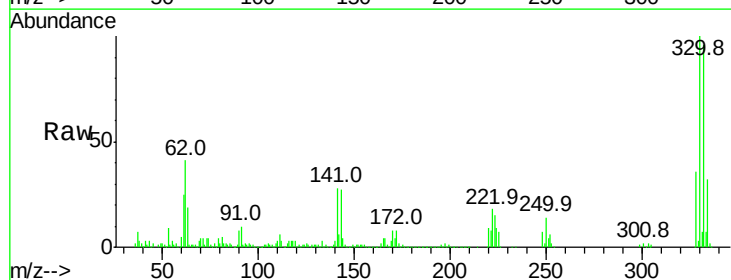


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

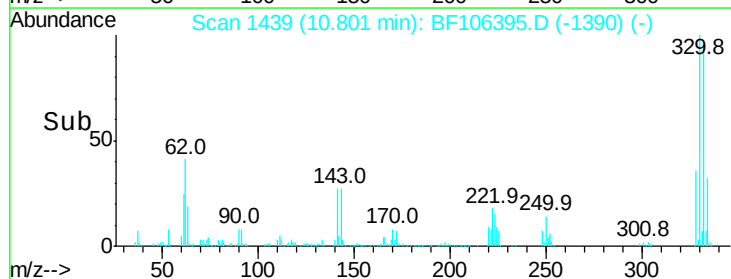
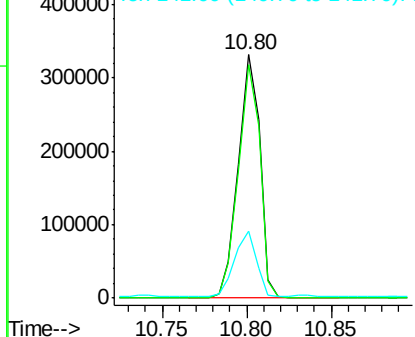


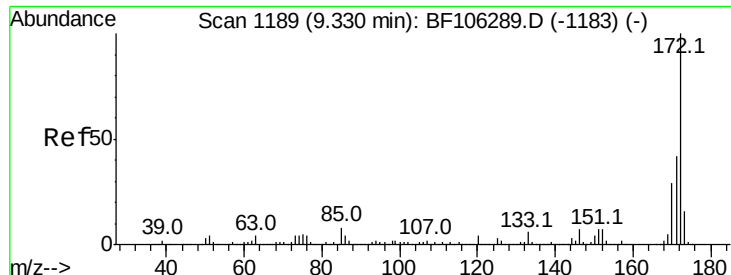
#41
 2,4,6-Tribromophenol
 Concen: 111.888 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106395.D
 Acq: 13 Jun 2018 17:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	27.4	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



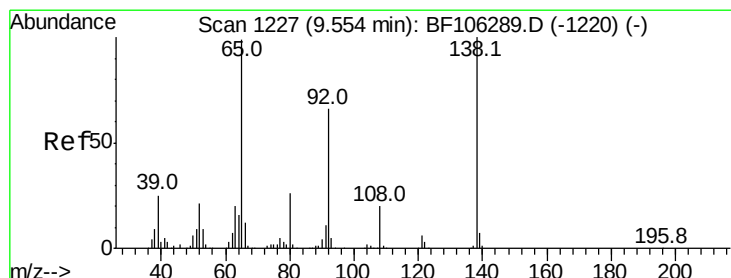
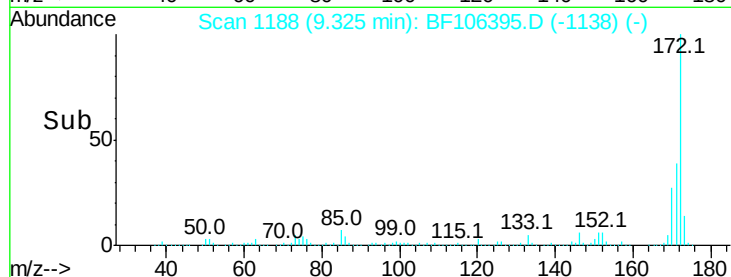
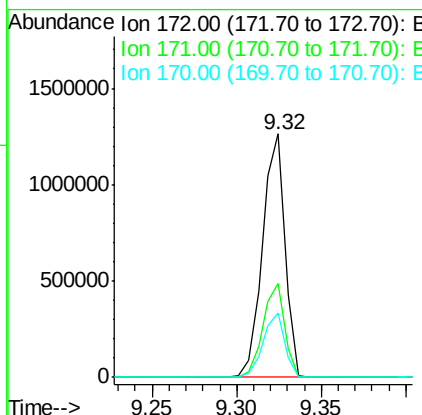
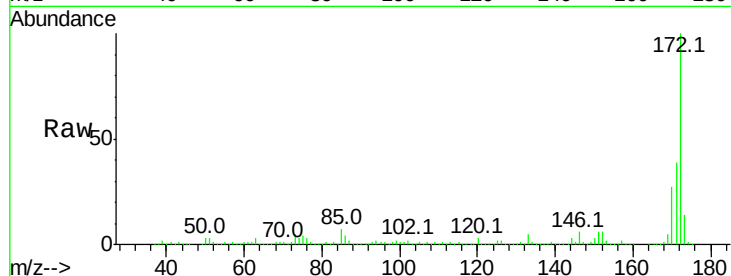


#44
 2-Fluorobiphenyl
 Concen: 70.619 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106395.D
 Acq: 13 Jun 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1162760

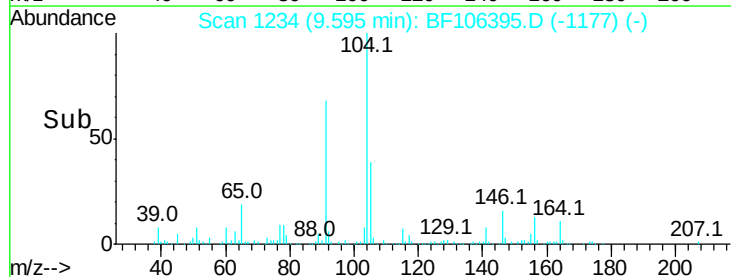
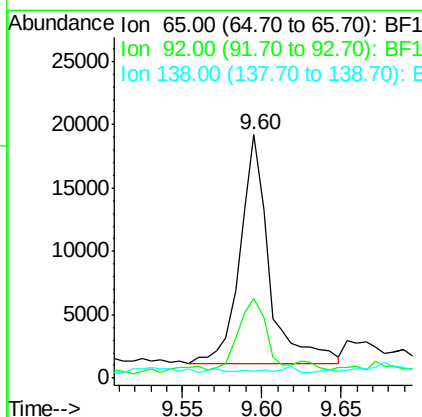
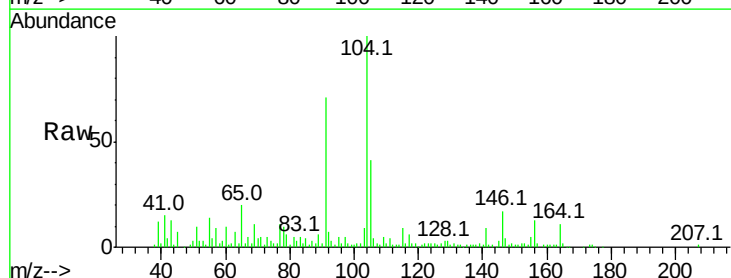
Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.7	44.5
170	26.5	19.6	29.4

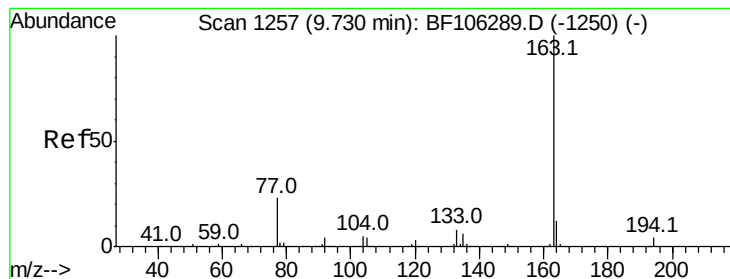


#47
 2-Nitroaniline
 Concen: 4.238 ng
 RT: 9.60 min Scan# 1234
 Delta R.T. 0.04 min
 Lab File: BF106395.D
 Acq: 13 Jun 2018 17:05

Tgt Ion: 65 Resp: 22860

Ion	Ratio	Lower	Upper
65	100		
92	32.9	55.8	83.6#
138	2.8	91.2	136.8#





#49

Dimethylphthalate

Concen: 5.114 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

Instrument :

BNA_F

ClientSampleId :

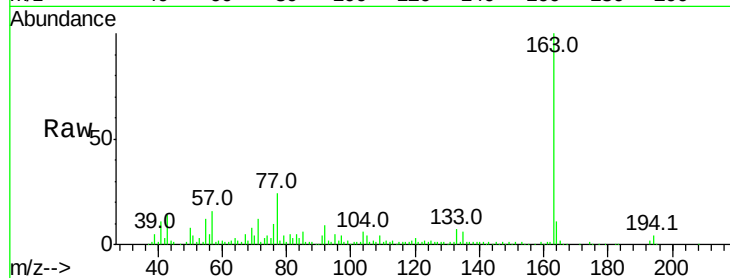
Tot Ion:163 Resp: 101070

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

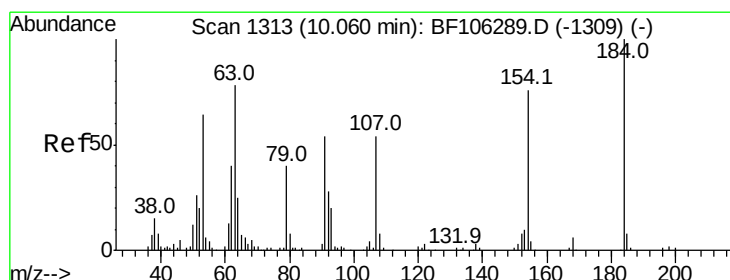
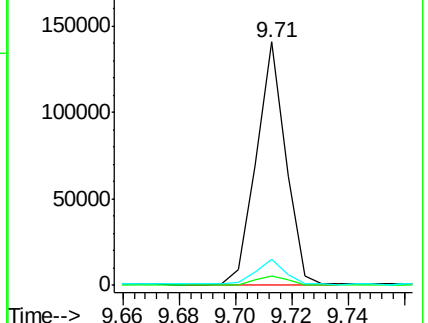
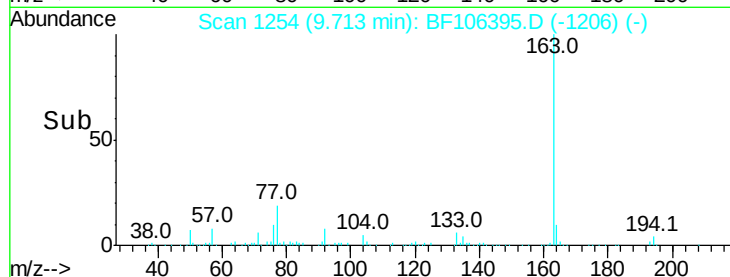
164 10.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 8.685 ng

RT: 10.30 min Scan# 1353

Delta R.T. 0.22 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

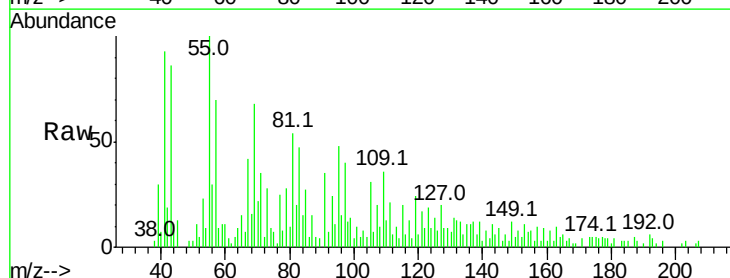
Tgt Ion:184 Resp: 148

Ion Ratio Lower Upper

184 100

63 195.0 54.2 81.2#

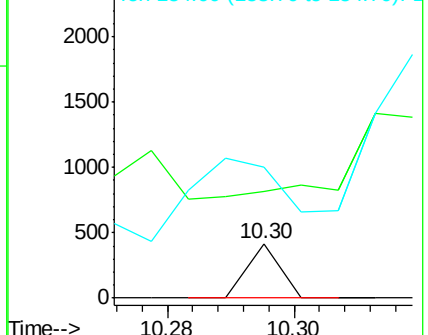
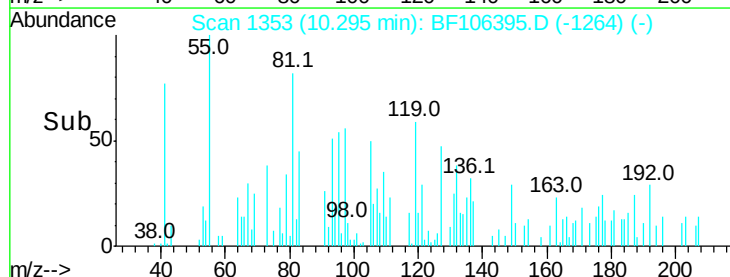
154 240.4 184.0 276.0

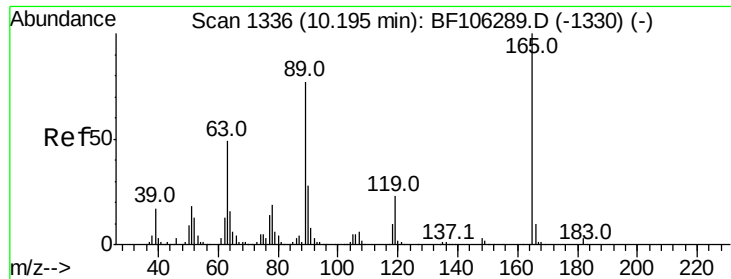


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

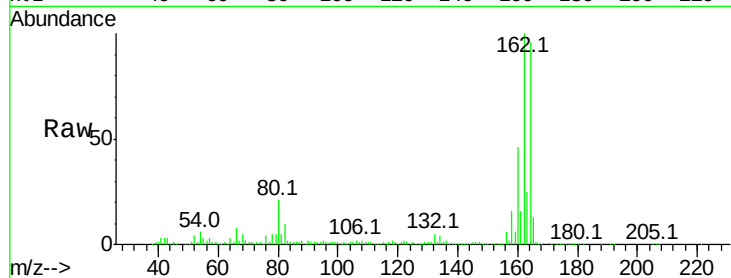




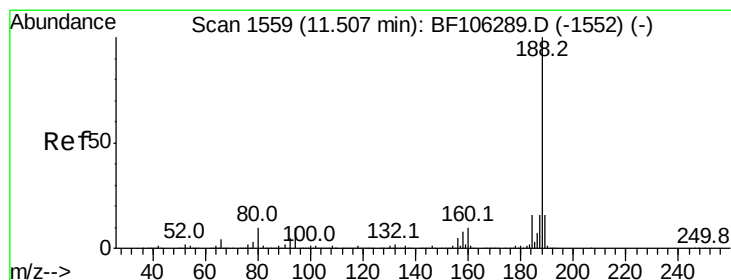
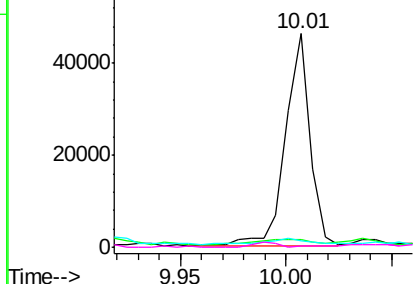
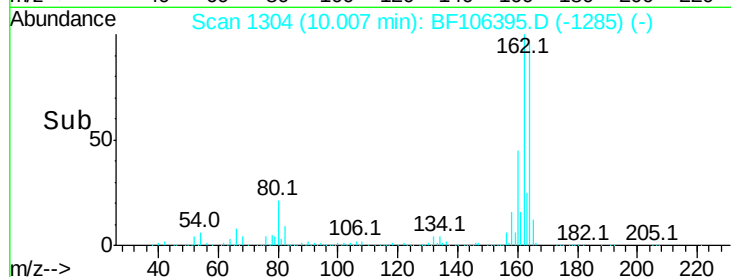
#56
2,4-Dinitrotoluene
Concen: 7.377 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 37394
Ion Ratio Lower Upper
165 100
63 3.6 36.4 54.6#
89 3.0 57.8 86.6#
182 0.9 1.6 2.4#

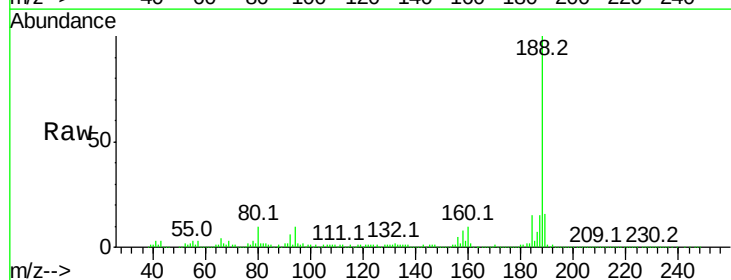


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

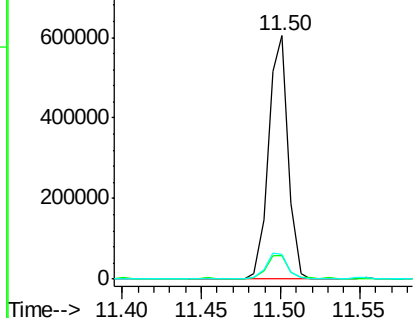
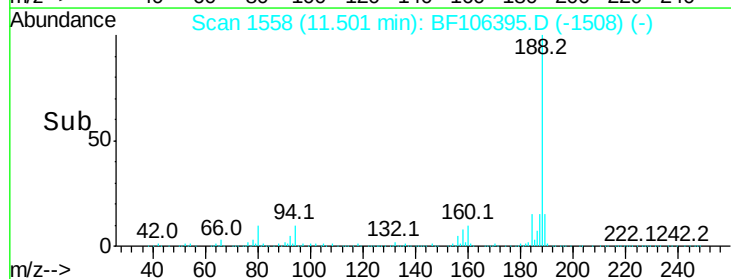


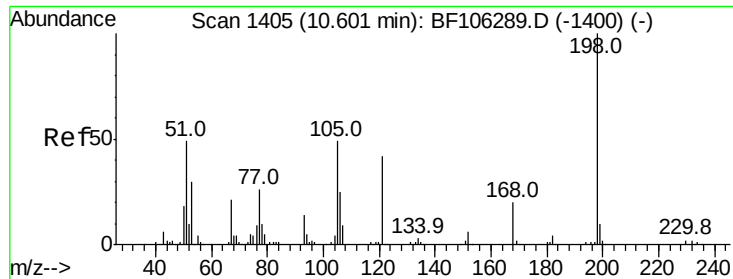
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106395.D
Acq: 13 Jun 2018 17:05

Tgt Ion:188 Resp: 523516
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.2 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

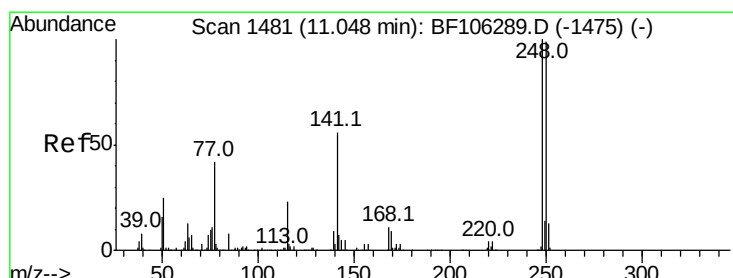
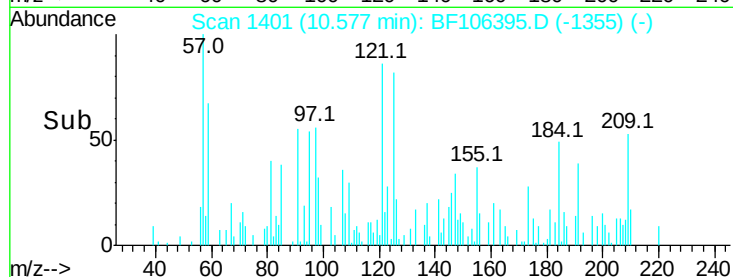
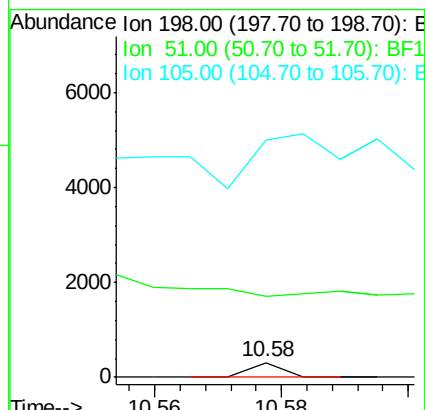
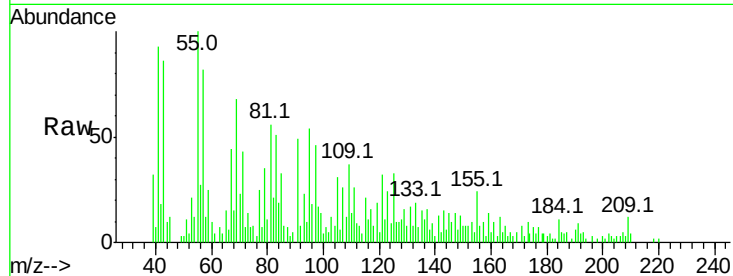




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.329 ng
 RT: 10.58 min Scan# 1401
 Delta R.T. -0.03 min
 Lab File: BF106395.D
 Acq: 13 Jun 2018 17:05

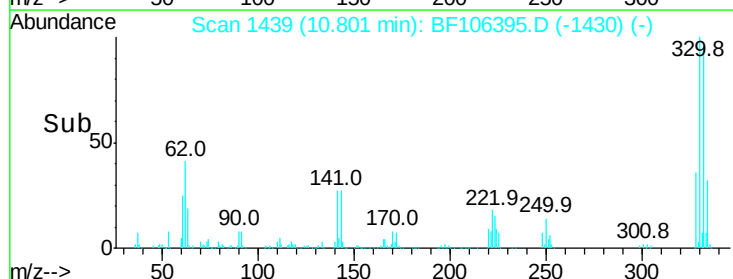
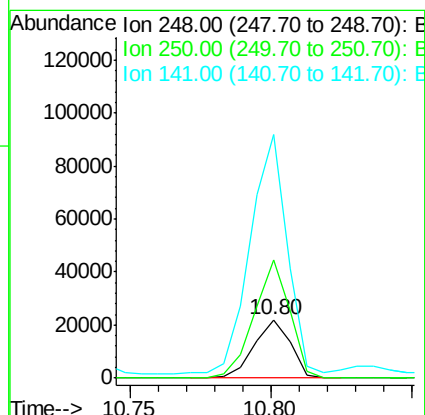
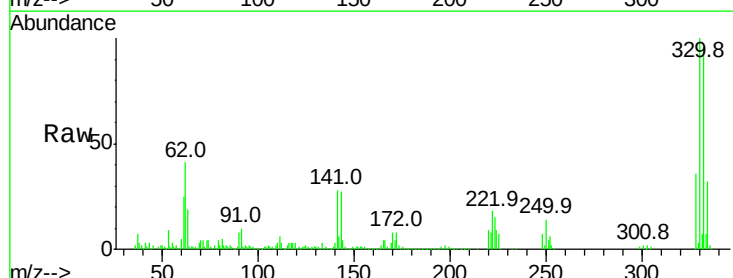
Instrument :
 BNA_F
 ClientSampleId :

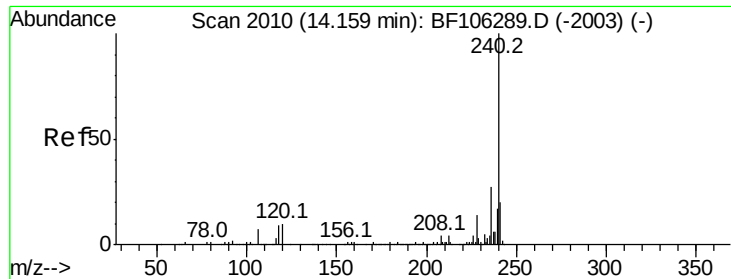
Tot Ion:198 Resp: 111
 Ion Ratio Lower Upper
 198 100
 51 542.9 37.7 77.7#
 105 1584.1 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.287 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF106395.D
 Acq: 13 Jun 2018 17:05

Tgt Ion:248 Resp: 19573
 Ion Ratio Lower Upper
 248 100
 250 204.4 76.9 115.3#
 141 419.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

Instrument :

BNA_F

ClientSampled :

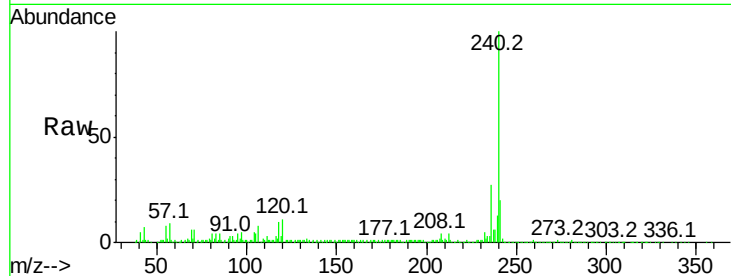
Tot Ion:240 Resp: 368732

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

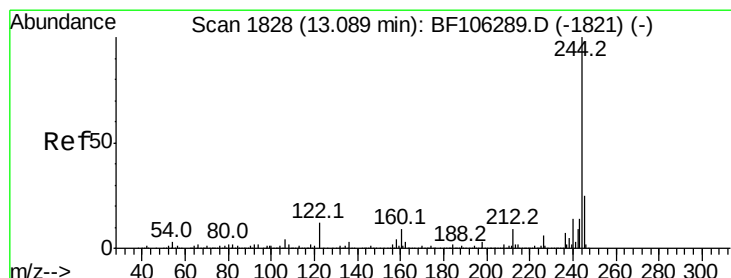
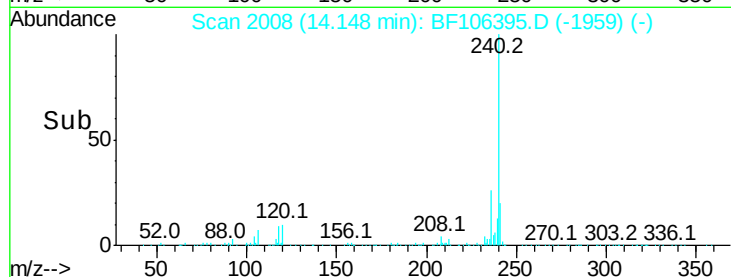
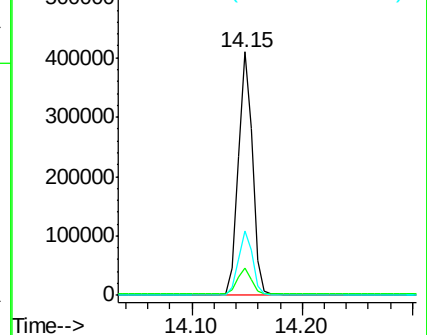
236 26.6 20.7 31.1



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: 72.214 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106395.D

Acq: 13 Jun 2018 17:05

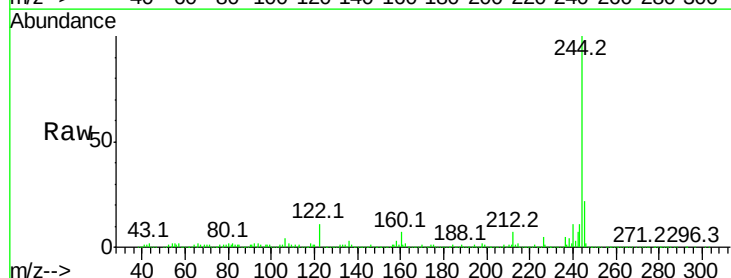
Tgt Ion:244 Resp: 1072065

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

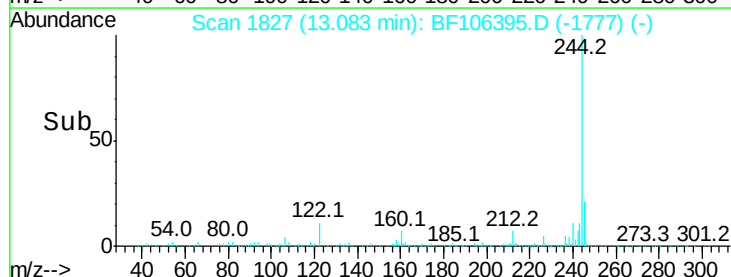
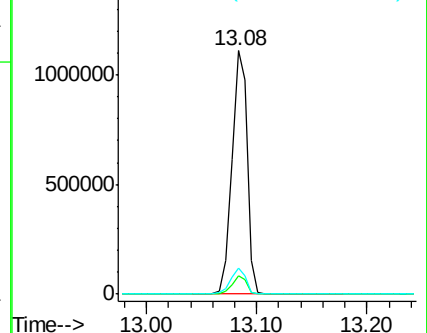
122 10.9 11.0 16.4#

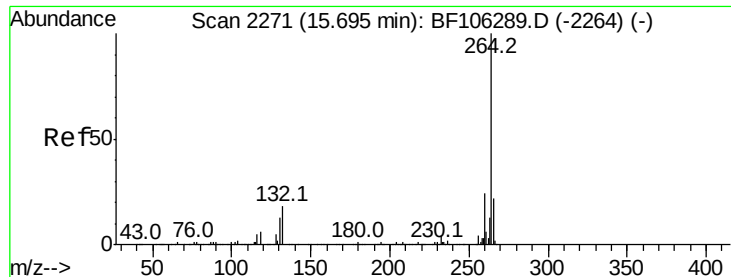


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

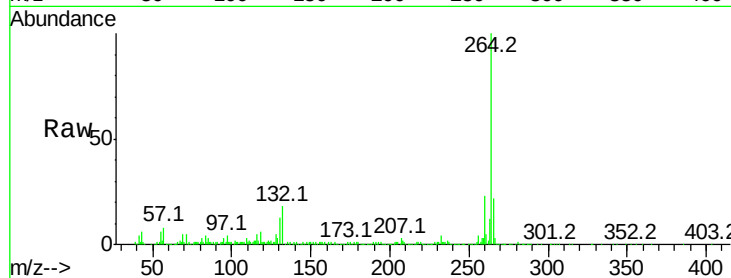




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF106395.D
 Acq: 13 Jun 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	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

