

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106898.D
 Acq On : 28 Jun 2018 3:48
 Operator : JU/SJ
 Sample : J3705-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 06:05:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

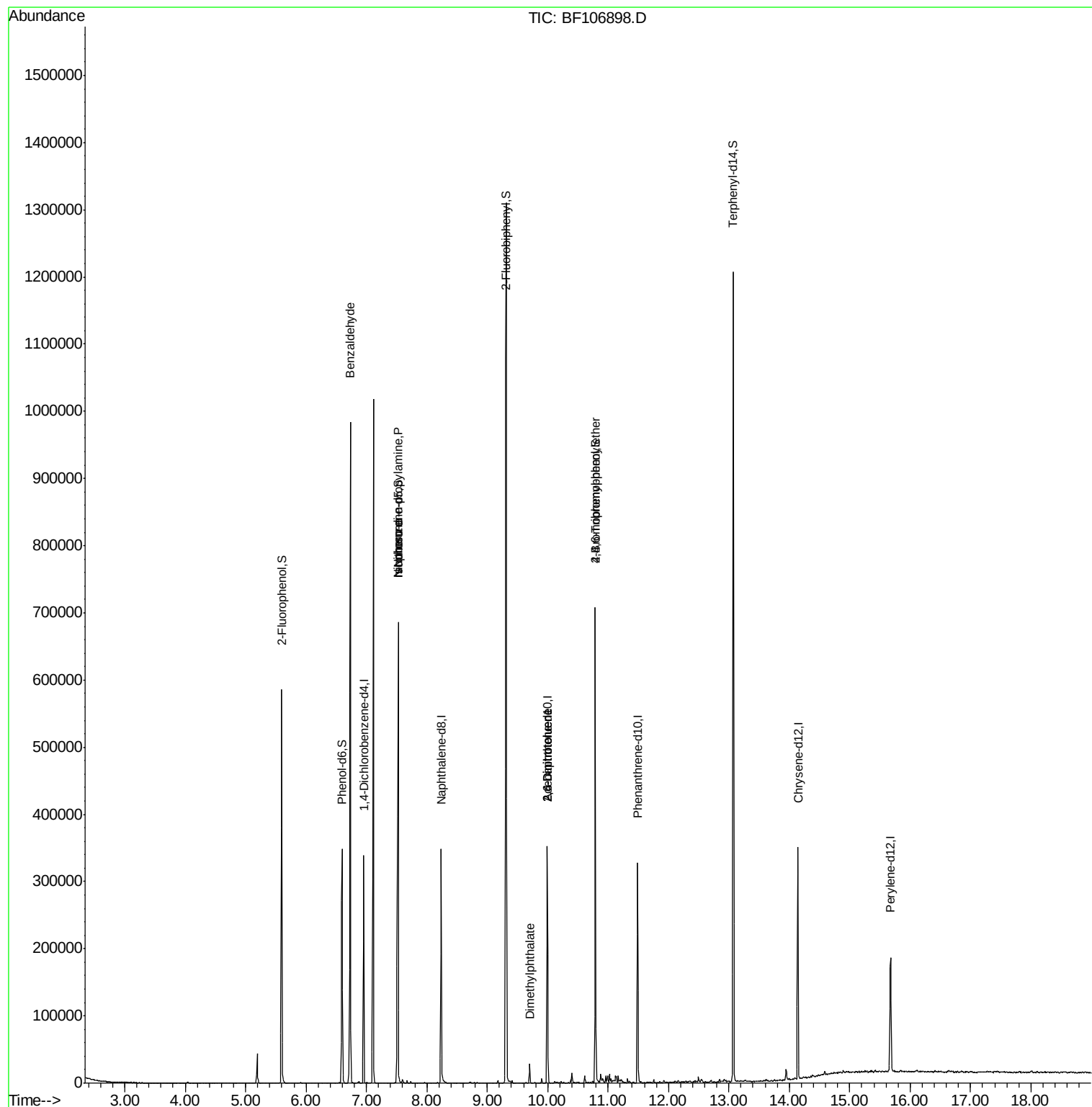
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	46093	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	161494	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	68358	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	118159	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	130597	20.00	ng	-0.02
86) Perylene-d12	15.68	264	92509	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	156383	57.45	ng	0.00
7) Phenol-d6	6.60	99	115216	33.89	ng	-0.02
23) Nitrobenzene-d5	7.52	82	264952	91.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	103144	130.19	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	443943	115.16	ng	-0.01
78) Terphenyl-d14	13.08	244	490584	90.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	5706	2.004	ng	# 80
19) n-Nitroso-di-n-propylamine	7.52	70	33868	15.115	ng	# 72
25) Isophorone	7.52	82	264949	51.741	ng	# 64
49) Dimethylphthalate	9.70	163	12033	2.347	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	8550	7.875	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8550	6.034	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	6361	4.511	ng	# 1

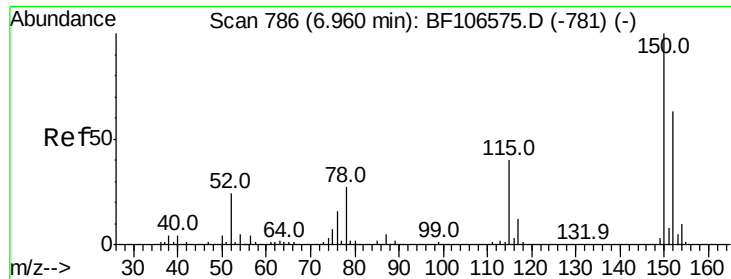
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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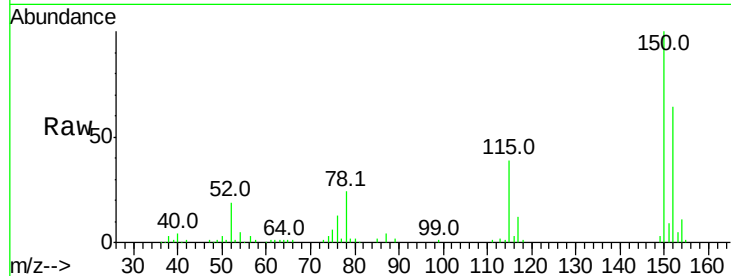


#1

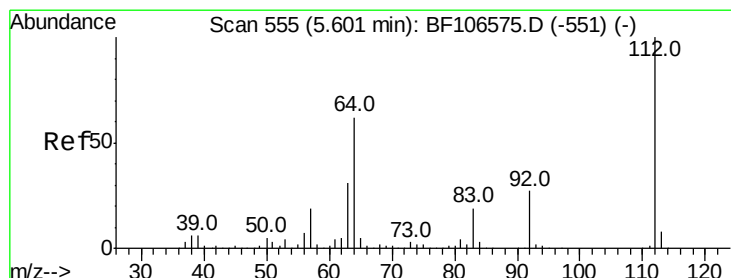
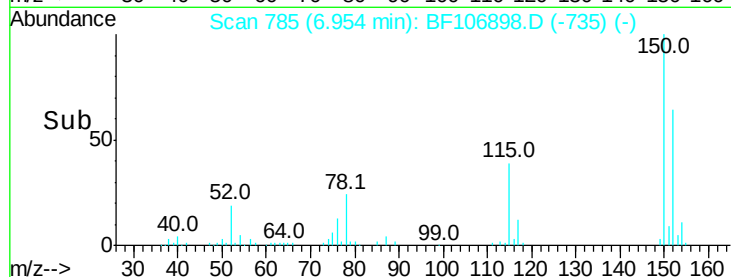
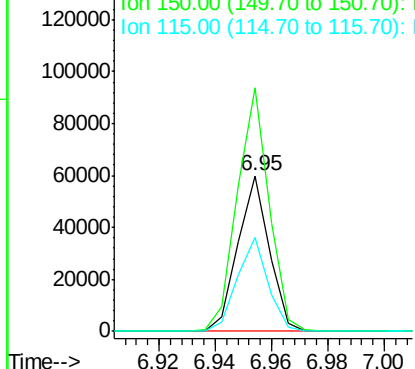
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106898.D
Acq: 28 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46093
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 60.7 50.1 75.1



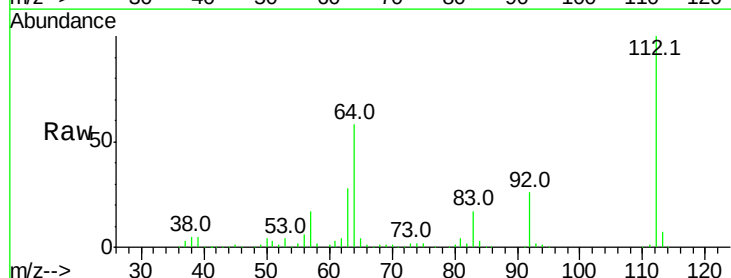
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



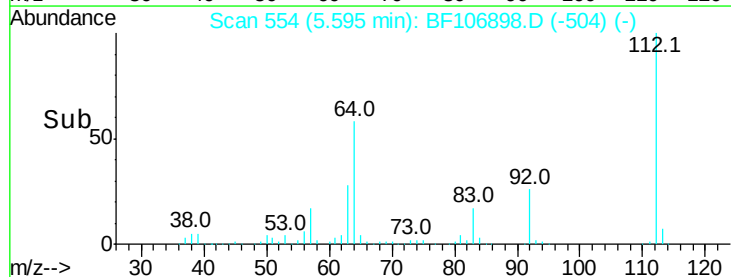
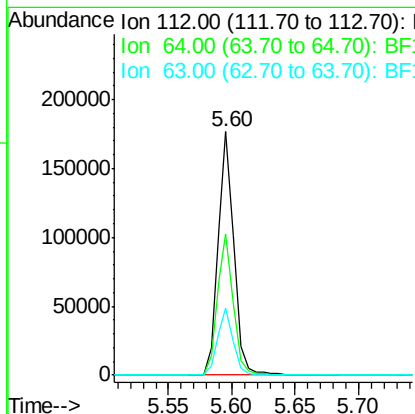
#5

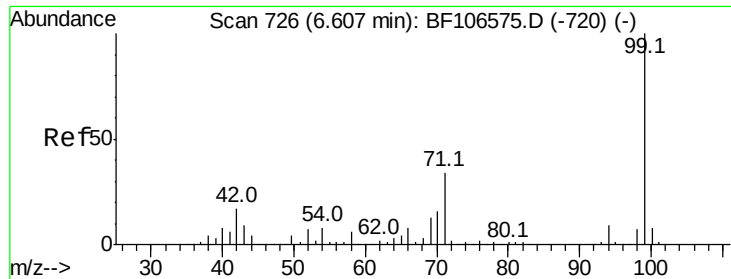
2-Fluorophenol
Concen: 57.450 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106898.D
Acq: 28 Jun 2018 3:48

Tgt Ion:112 Resp: 156383
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 27.7 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: 33.894 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106898.D

Acq: 28 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

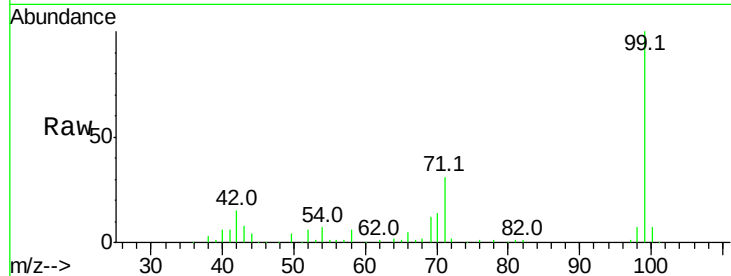
Tot Ion: 99 Resp: 115216

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

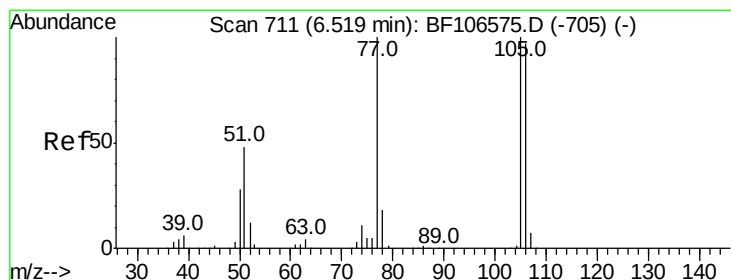
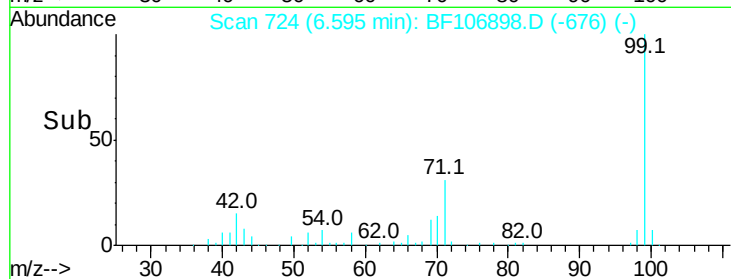
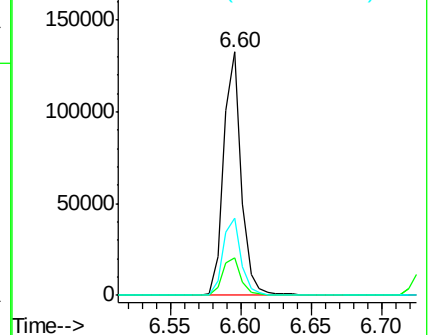
71 31.5 25.4 38.0



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: 2.004 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.21 min

Lab File: BF106898.D

Acq: 28 Jun 2018 3:48

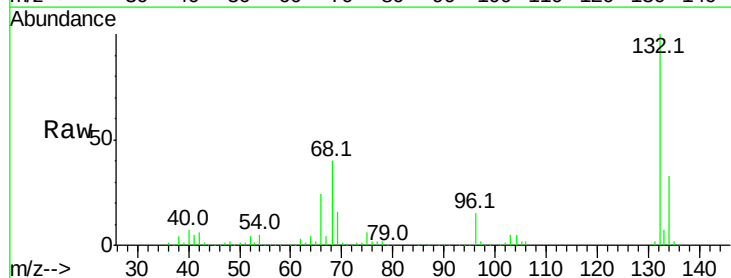
Tgt Ion: 77 Resp: 5706

Ion Ratio Lower Upper

77 100

105 79.6 81.1 121.1#

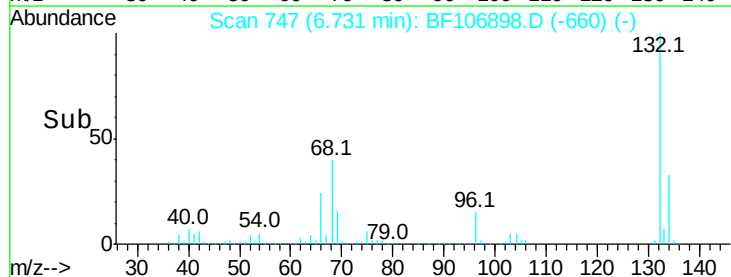
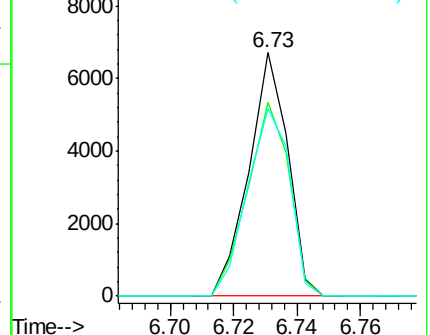
106 77.1 74.5 114.5

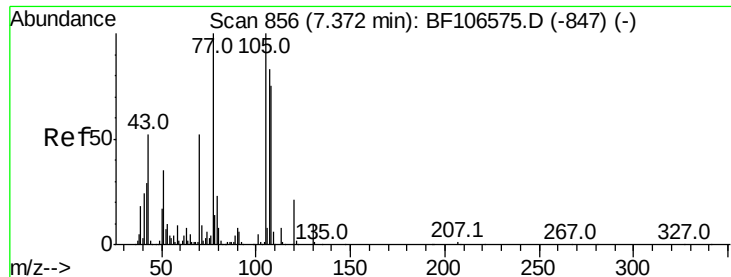


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

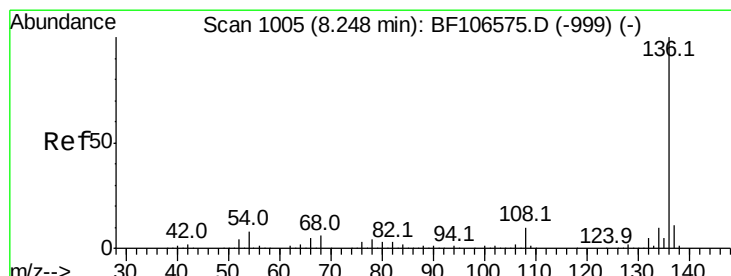
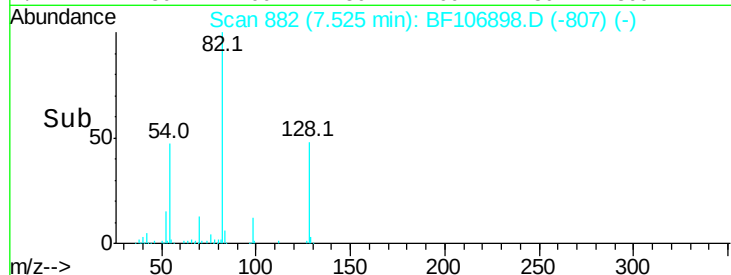
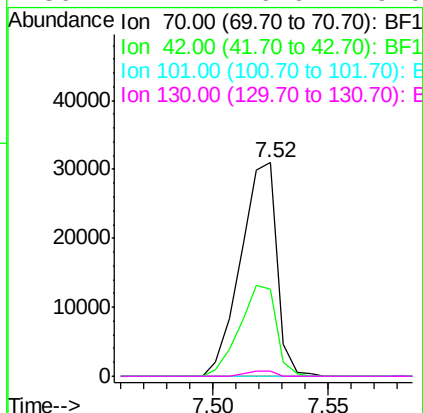
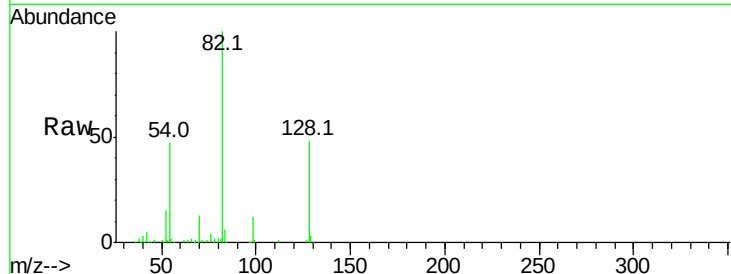




#19
n-Nitroso-di-n-propylamine
Concen: 15.115 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF106898.D
Acq: 28 Jun 2018 3:48

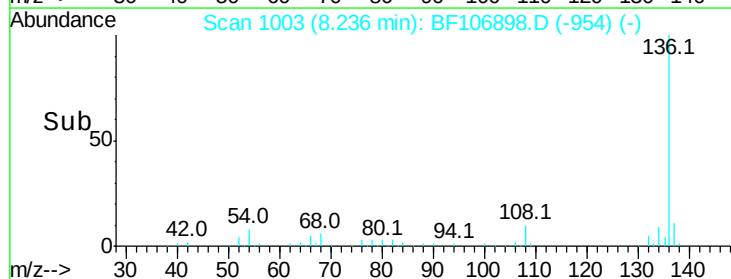
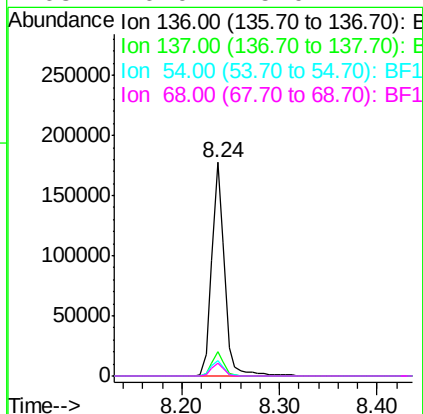
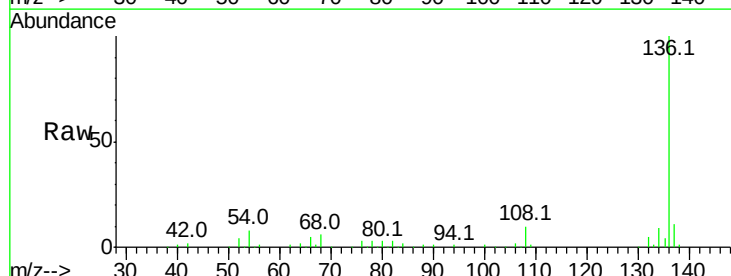
Instrument :
BNA_F
ClientSampleId :

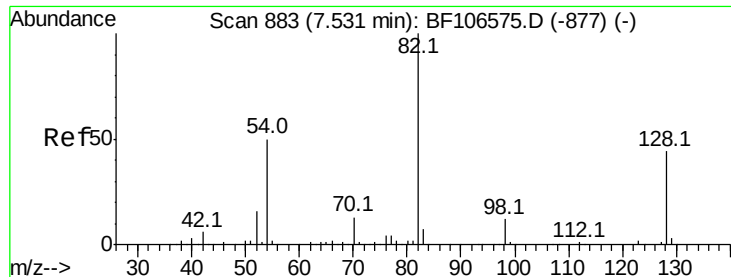
Tot Ion: 70 Resp: 33868
Ion Ratio Lower Upper
70 100
42 41.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106898.D
Acq: 28 Jun 2018 3:48

Tgt Ion: 136 Resp: 161494
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.5 6.6 9.8
68 6.0 5.0 7.4

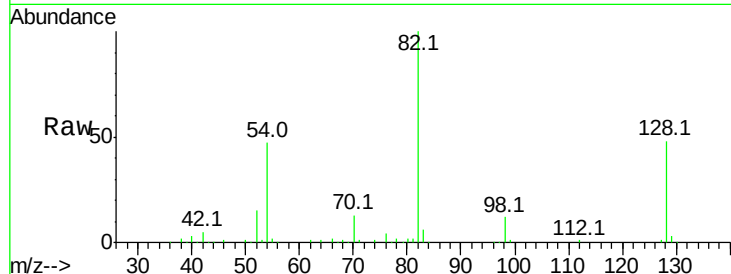




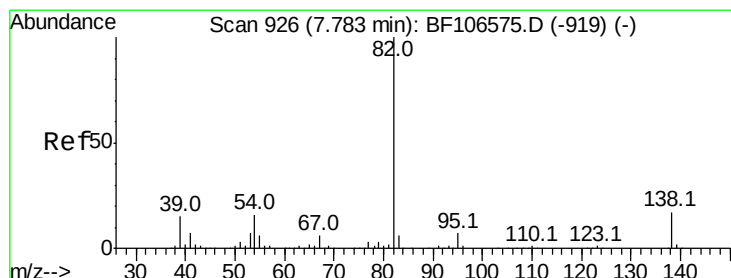
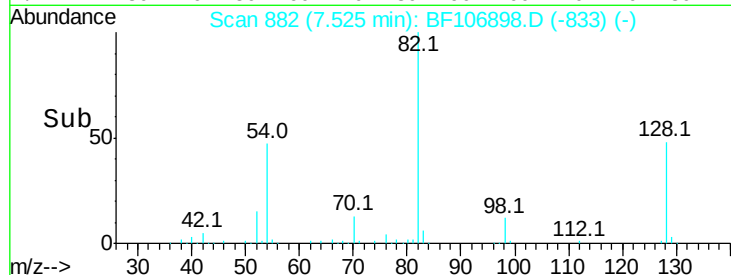
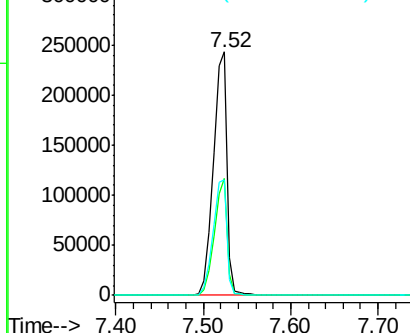
#23
 Nitrobenzene-d5
 Concen: 91.176 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106898.D
 Acq: 28 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	264952
Ion Ratio	Lower	Upper	
82	100		
128	47.8	36.1	54.1
54	47.3	41.4	62.2

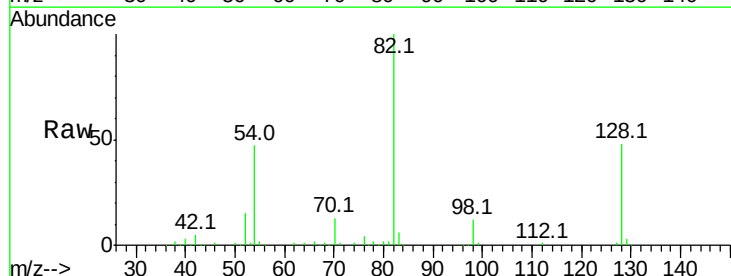


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

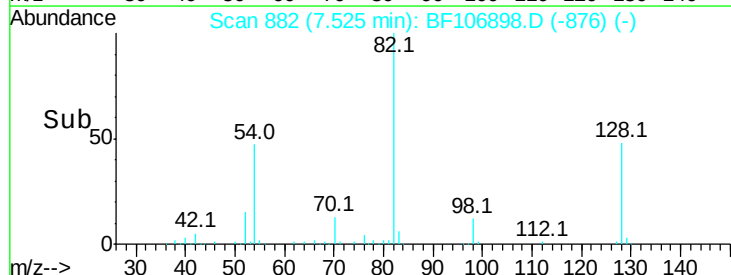
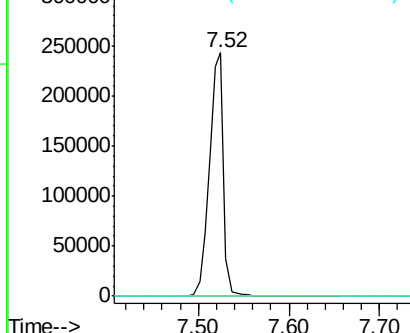


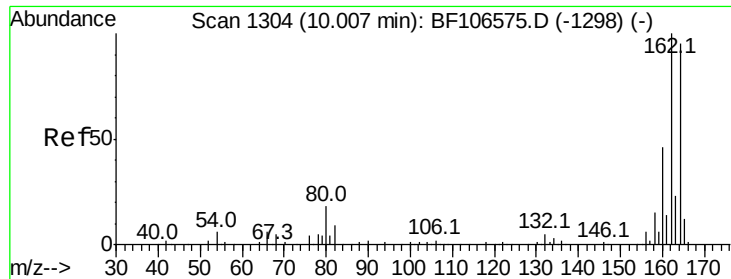
#25
 Isophorone
 Concen: 51.741 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106898.D
 Acq: 28 Jun 2018 3:48

Tgt Ion	82	Resp	264949
Ion Ratio	Lower	Upper	
82	100		
95	0.0	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

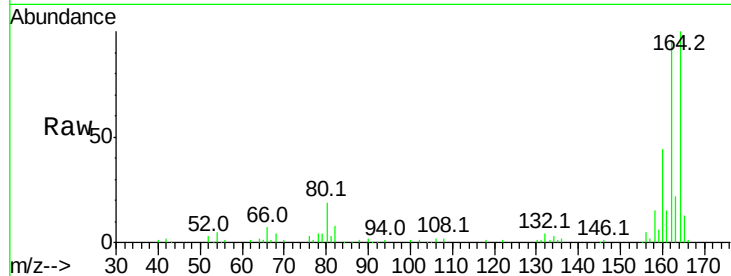




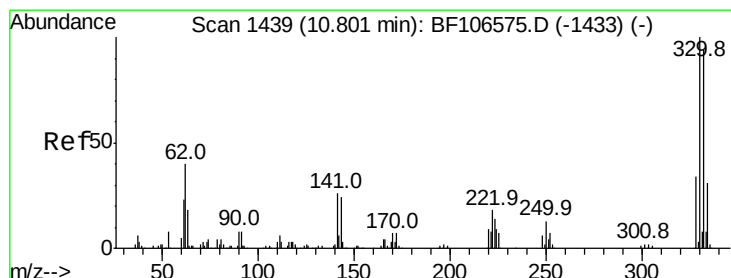
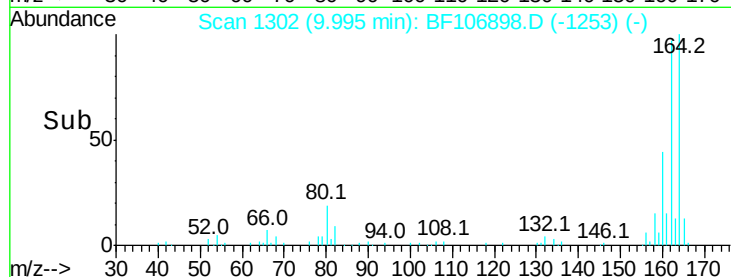
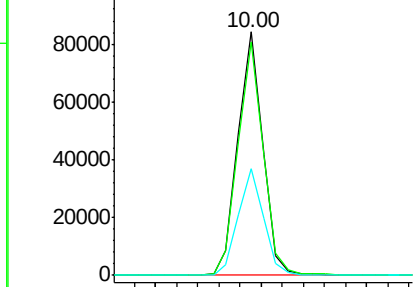
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106898.D
Acq: 28 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 68358
Ion Ratio Lower Upper
164 100
162 95.9 86.1 129.1
160 43.8 38.3 57.5

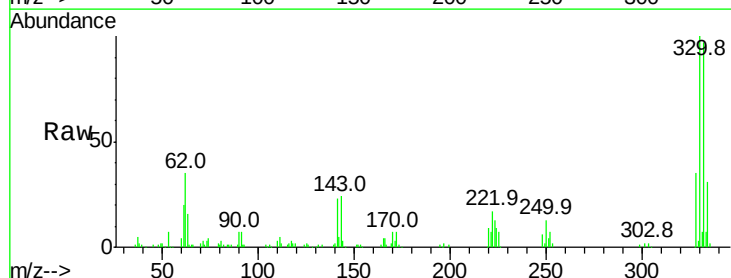


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

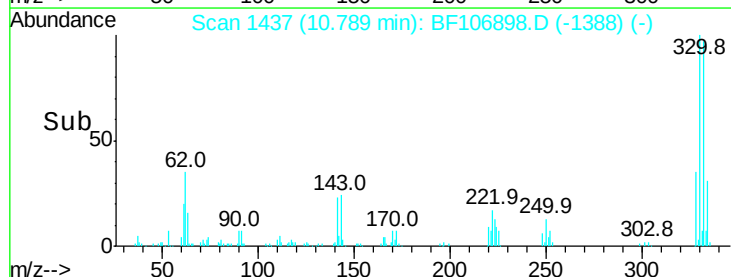
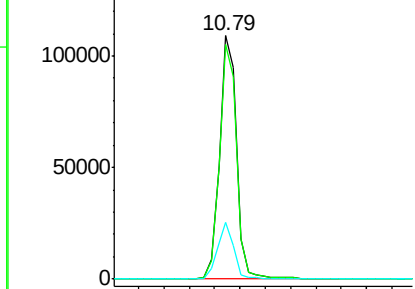


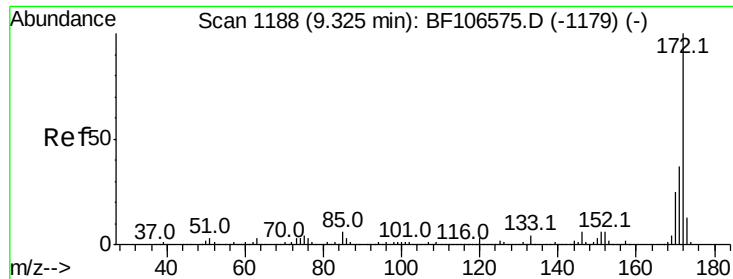
#41
2,4,6-Tribromophenol
Concen: 130.185 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106898.D
Acq: 28 Jun 2018 3:48

Tgt Ion:330 Resp: 103144
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 22.4 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

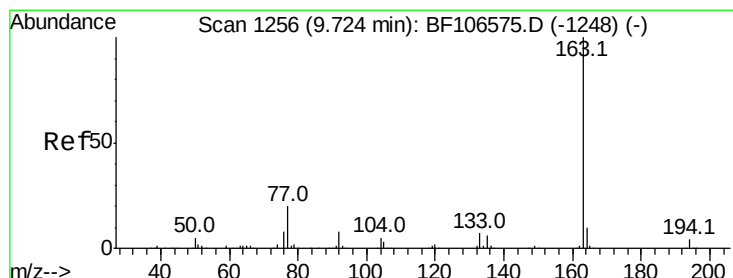
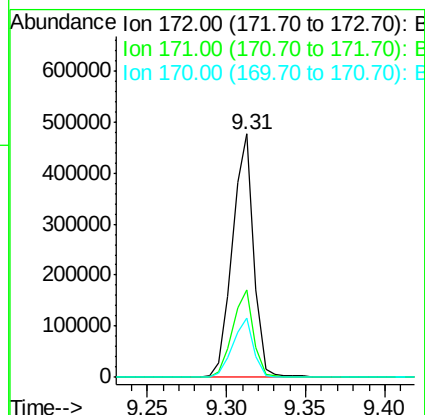
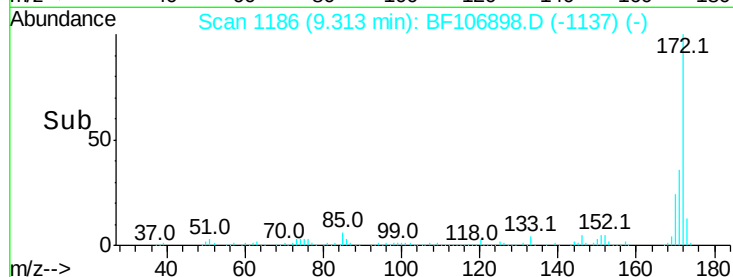
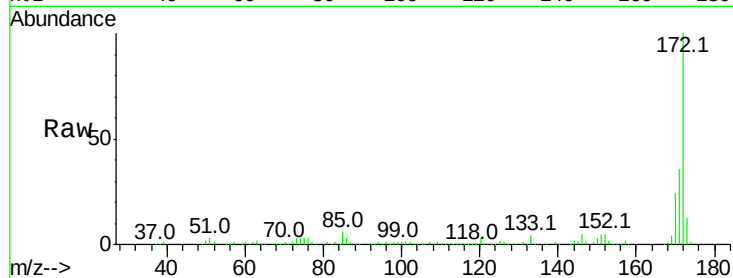




#44
2-Fluorobiphenyl
Concen: 115.160 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106898.D
Acq: 28 Jun 2018 3:48

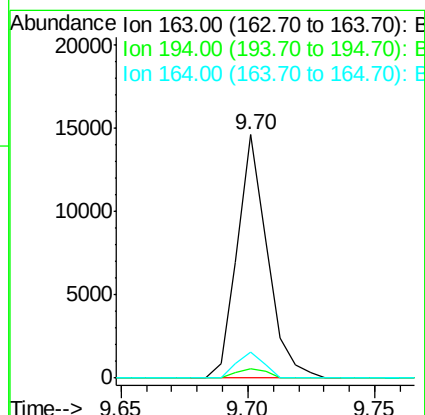
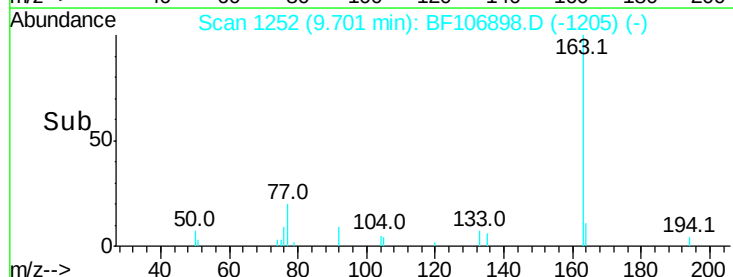
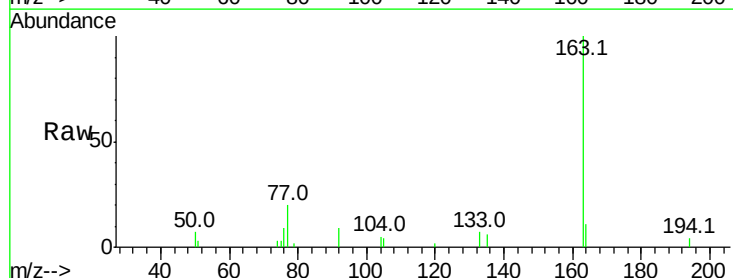
Instrument :
BNA_F
ClientSampleId :

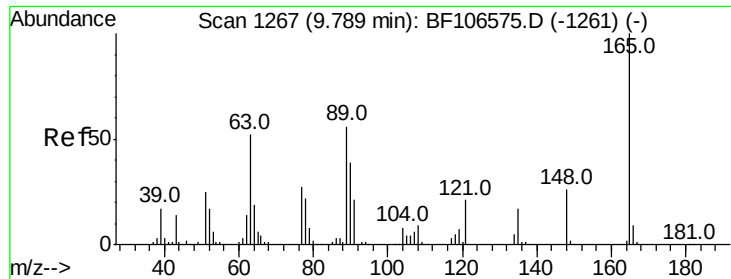
Tot Ion:172 Resp: 443943
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 2.347 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106898.D
Acq: 28 Jun 2018 3:48

Tgt Ion:163 Resp: 12033
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.6 8.2 12.2

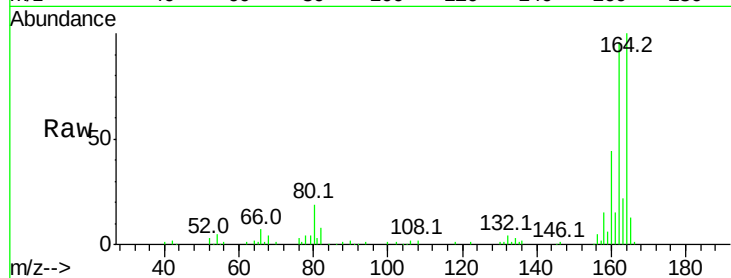




#50
 2,6-Dinitrotoluene
 Concen: 7.875 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF106898.D
 Acq: 28 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :

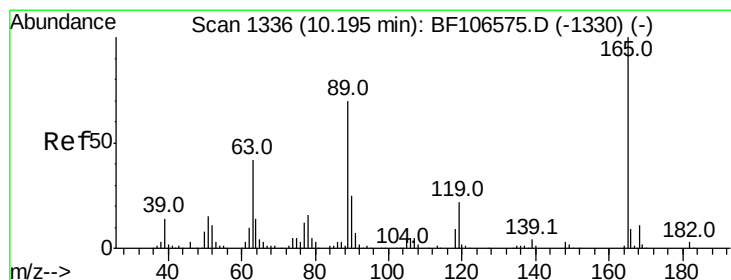
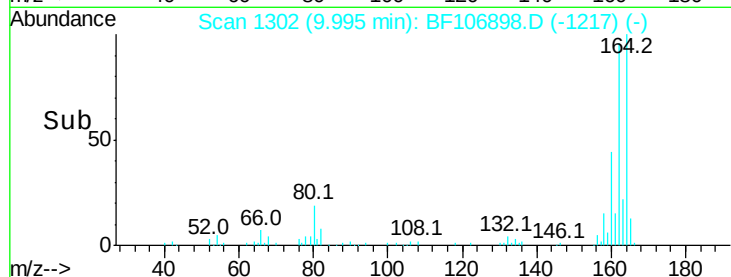
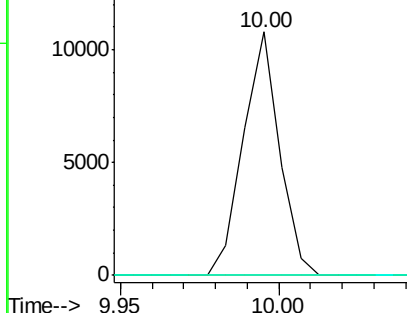
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

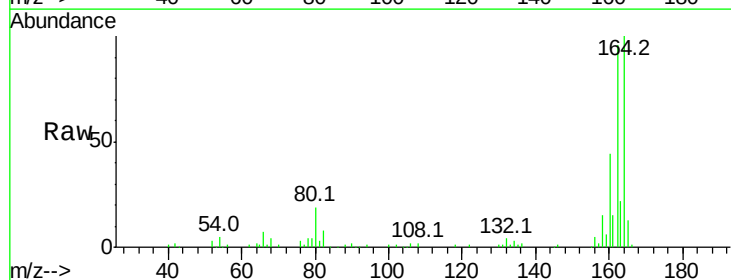
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.034 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF106898.D
 Acq: 28 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

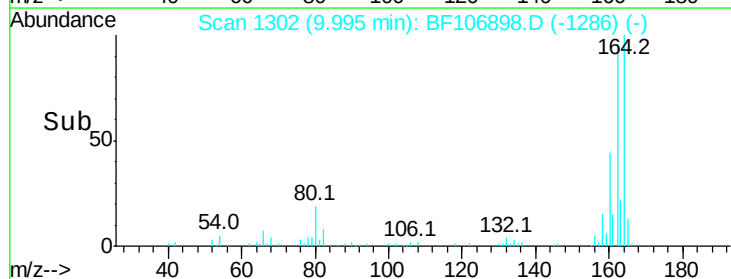
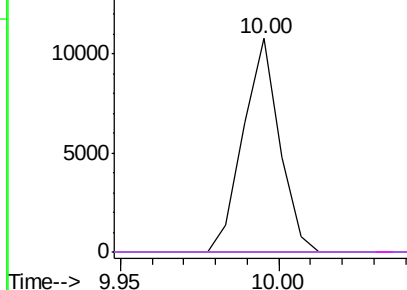


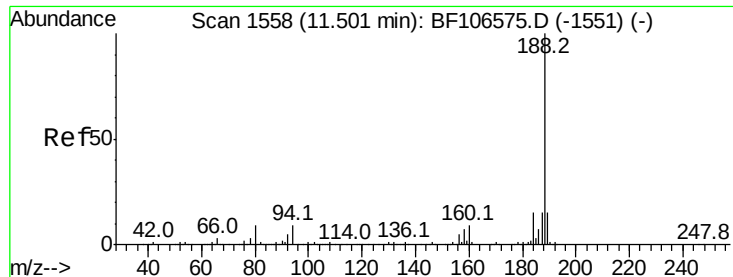
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106898.D

Acq: 28 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

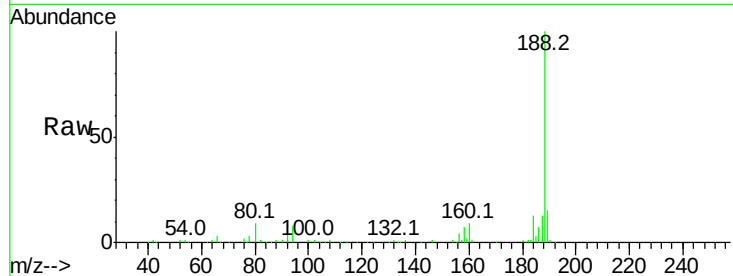
Tot Ion:188 Resp: 118159

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

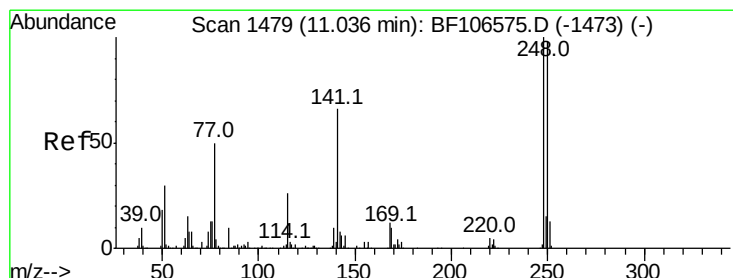
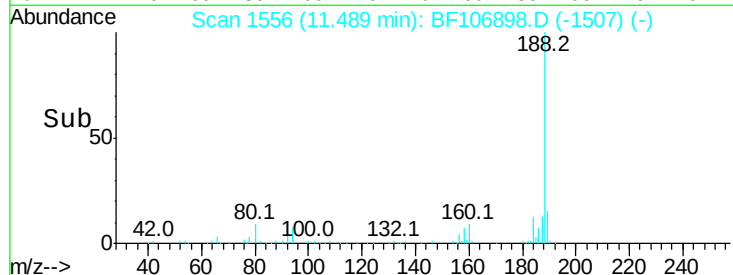
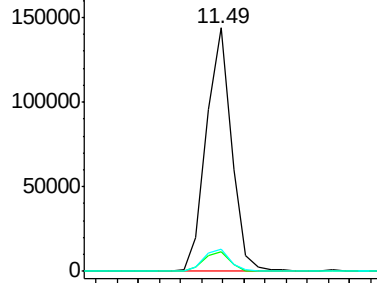
80 8.9 9.2 13.8#



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



#66

4-Bromophenyl-phenylether

Concen: 4.511 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.25 min

Lab File: BF106898.D

Acq: 28 Jun 2018 3:48

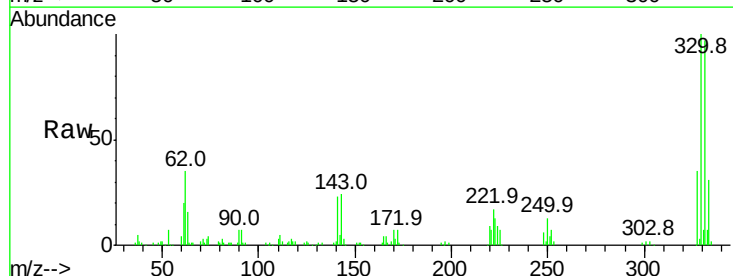
Tgt Ion:248 Resp: 6361

Ion Ratio Lower Upper

248 100

250 203.5 76.9 115.3#

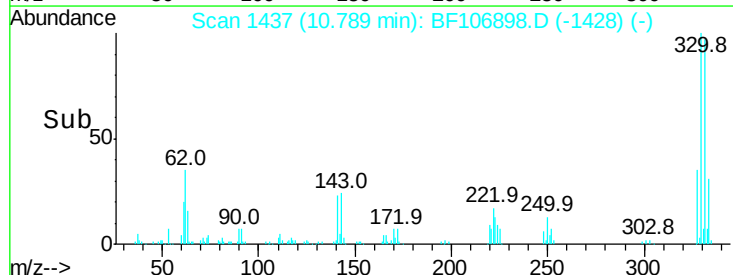
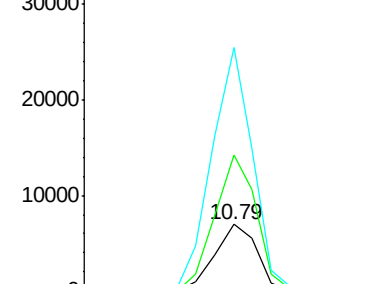
141 365.5 74.4 111.6#

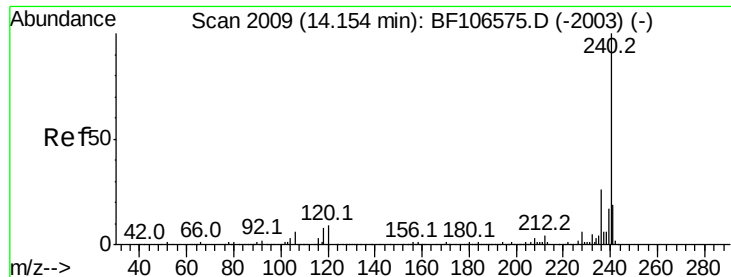


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106898.D

Acq: 28 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

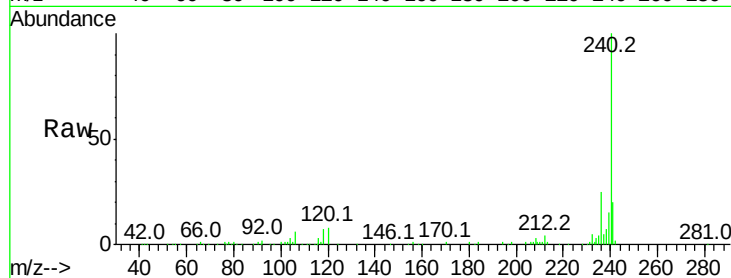
Tot Ion:240 Resp: 130597

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

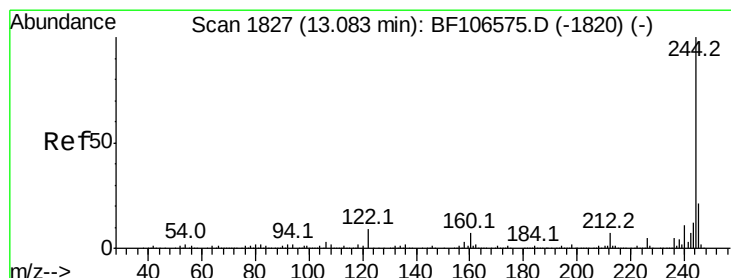
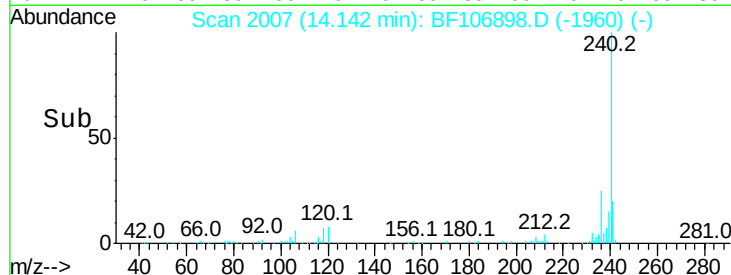
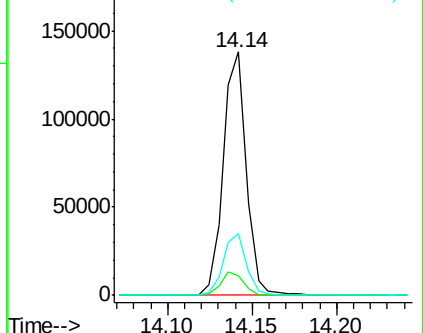
236 25.4 20.7 31.1



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: 90.993 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106898.D

Acq: 28 Jun 2018 3:48

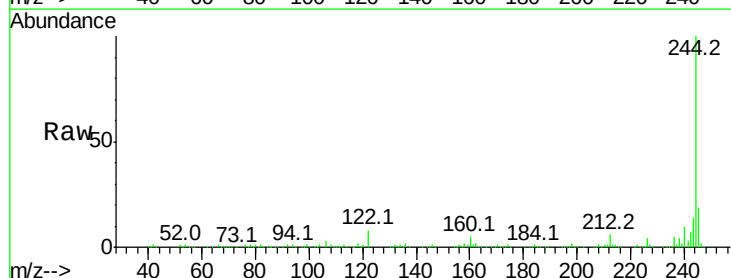
Tgt Ion:244 Resp: 490584

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

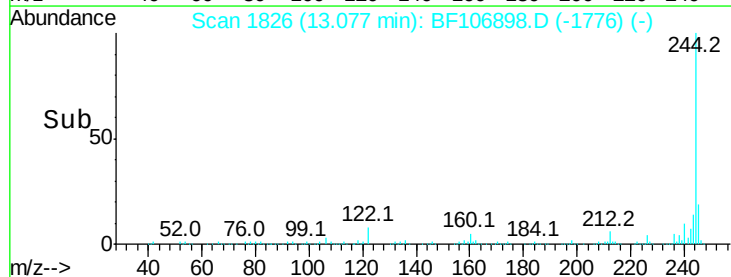
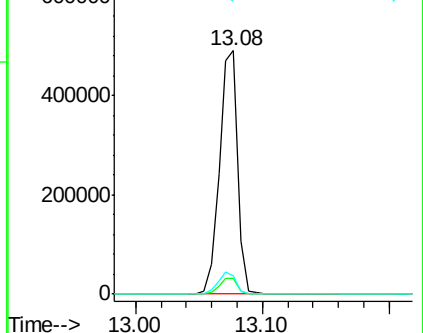
122 7.7 11.0 16.4#

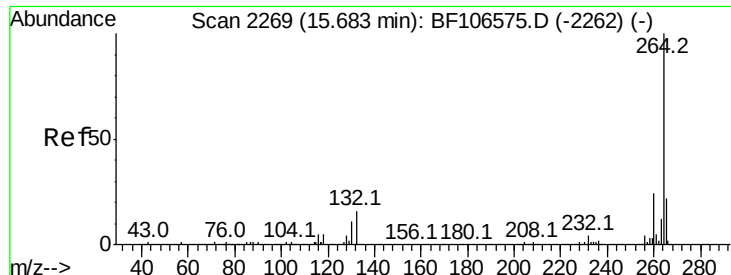


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

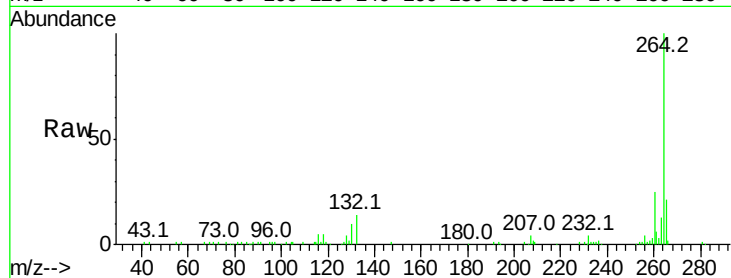




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106898.D
 Acq: 28 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.0	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

