

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108853.D
 Acq On : 7 Sep 2018 11:58
 Operator : JU/SJ
 Sample : J4803-13RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 13:19:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	263969	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1033184	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	510592	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	943086	20.00	ng	0.00
75) Chrysene-d12	13.87	240	625107	20.00	ng	0.00
86) Perylene-d12	15.28	264	617212	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1125121	70.61	ng	0.00
7) Phenol-d6	6.37	99	1498107	73.07	ng	0.00
23) Nitrobenzene-d5	7.30	82	935658	56.67	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	382673	78.51	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1687424	56.38	ng	0.00
78) Terphenyl-d14	12.82	244	1551630	57.88	ng	0.00

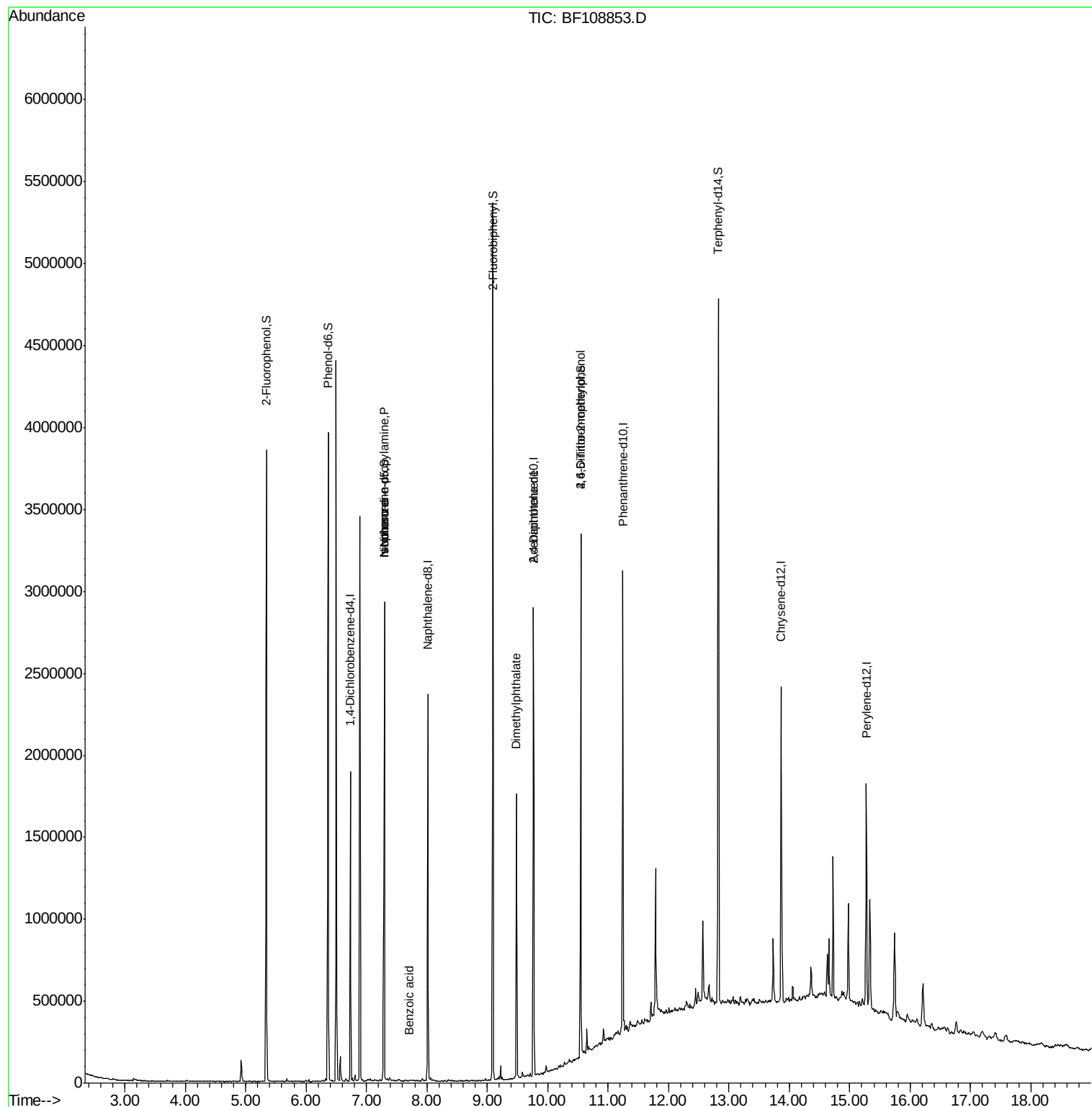
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	125376	8.798	ng	# 75
25) Isophorone	7.30	82	926481	28.134	ng	# 64
32) Benzoic acid	7.71	122	642	4.090	ng	# 83
49) Dimethylphthalate	9.48	163	650830	18.224	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	65983	7.582	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	834	7.061	ng	# 1

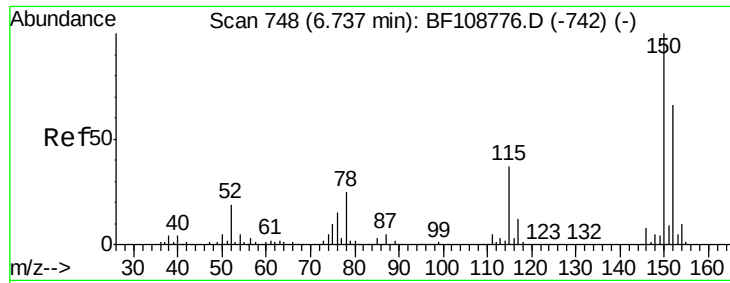
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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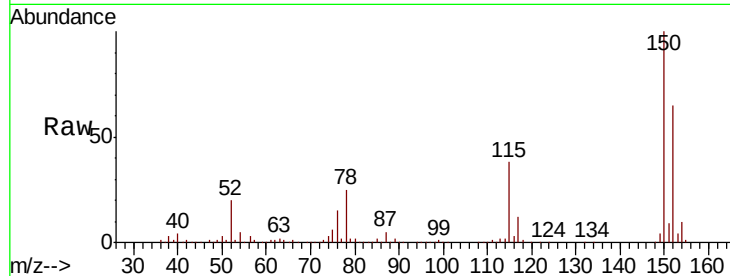


#1

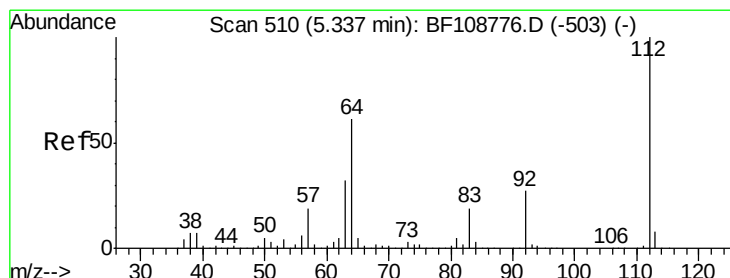
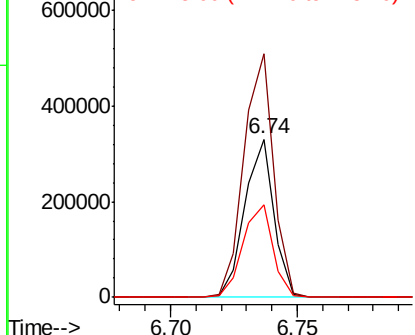
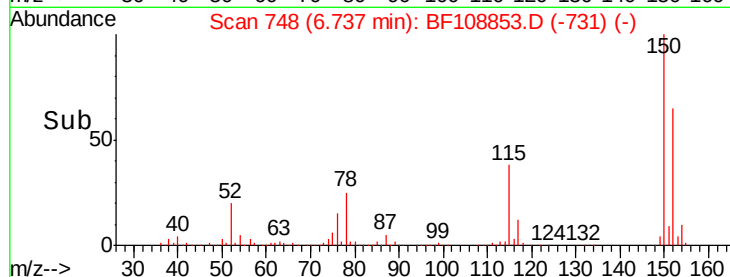
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 263969
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 58.4 50.1 75.1



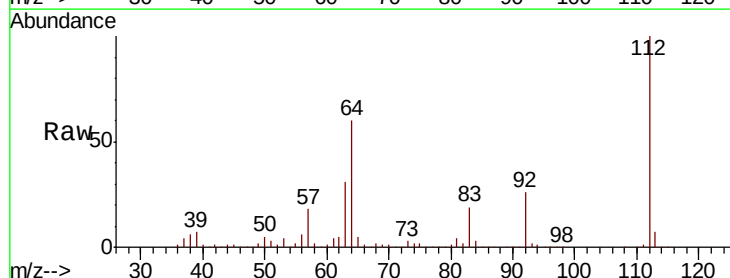
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



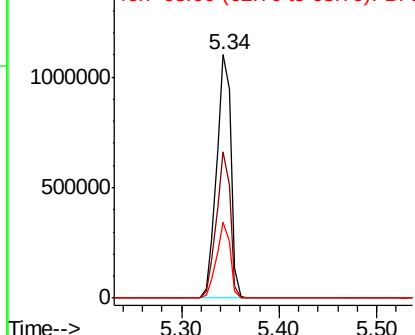
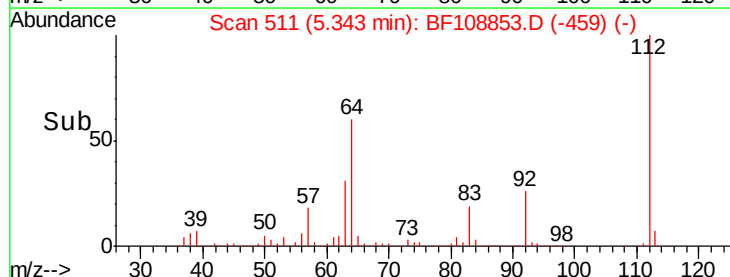
#5

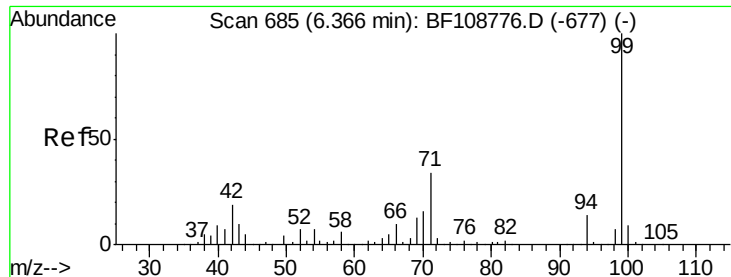
2-Fluorophenol
Concen: 70.612 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion:112 Resp: 1125121
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 31.0 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: 73.074 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108853.D

Acq: 7 Sep 2018 11:58

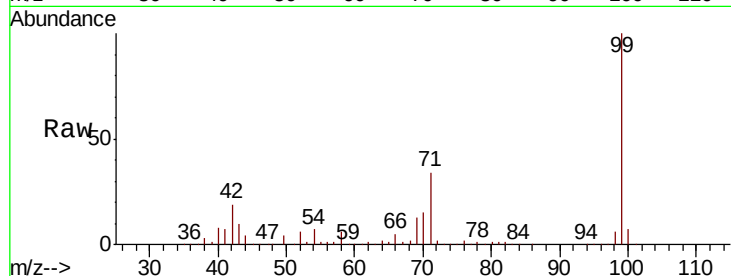
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1498107

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.7	25.4	38.0

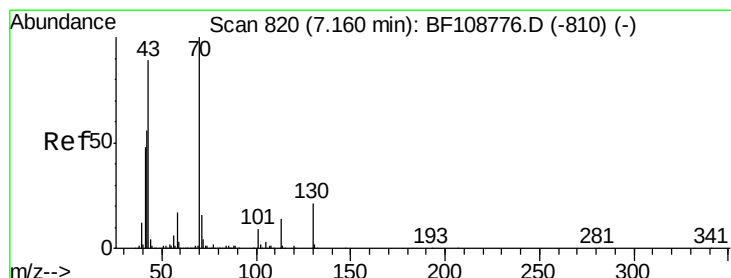
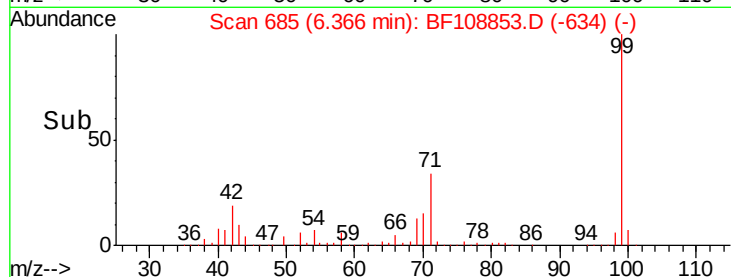
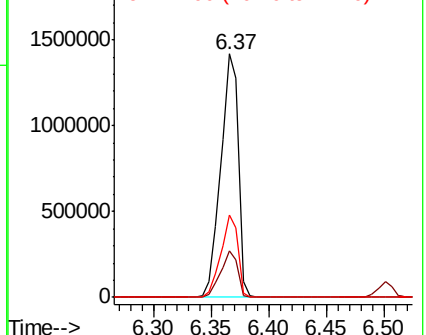


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 8.798 ng

RT: 7.30 min Scan# 843

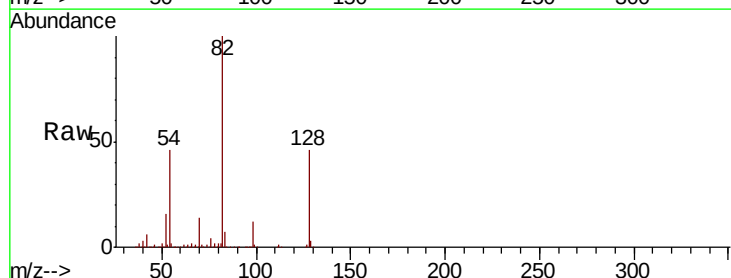
Delta R.T. 0.14 min

Lab File: BF108853.D

Acq: 7 Sep 2018 11:58

Tgt Ion: 70 Resp: 125376

Ion	Ratio	Lower	Upper
70	100		
42	44.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



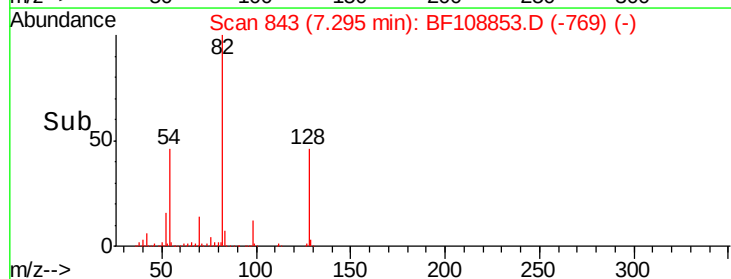
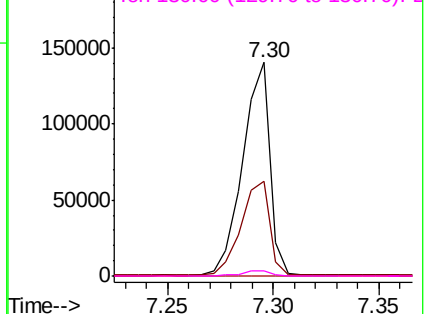
Abundance

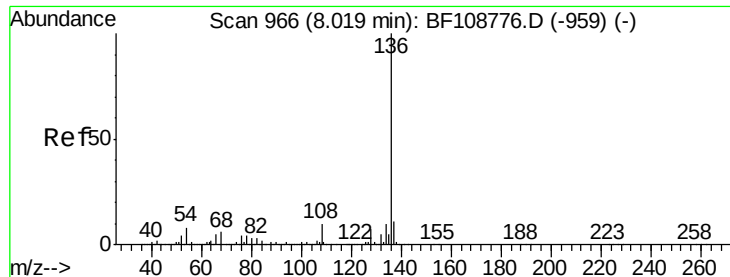
Ion 70.00 (69.70 to 70.70): BF1

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

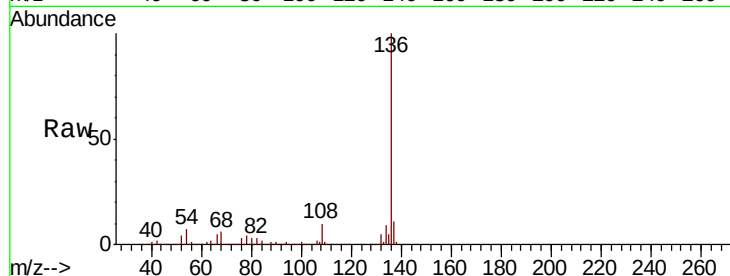




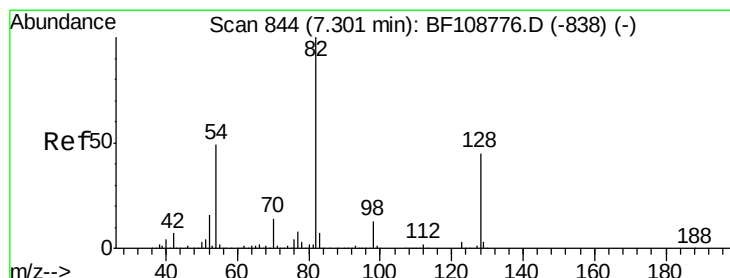
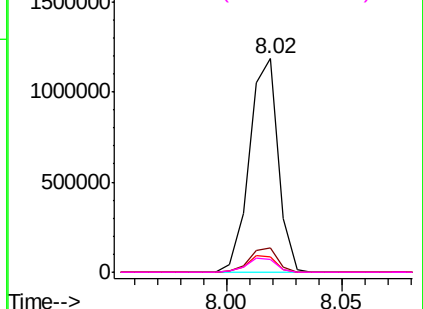
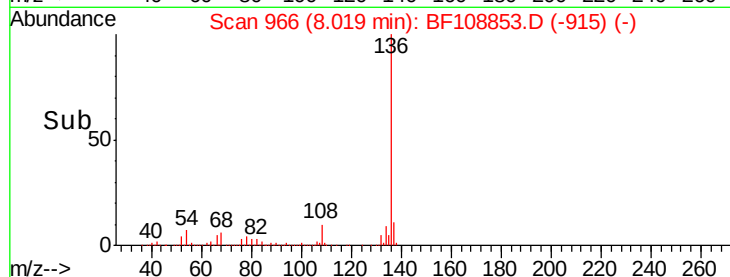
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 1033184
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 7.1	6.6 9.8
68 6.3	5.0 7.4

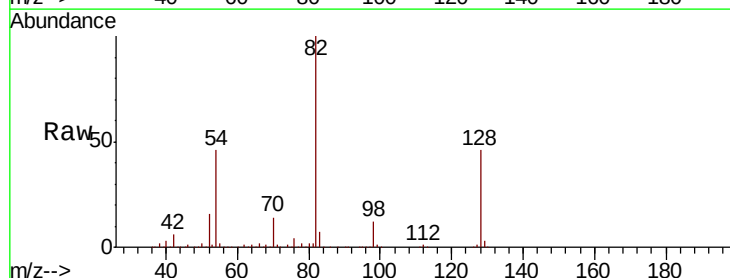


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

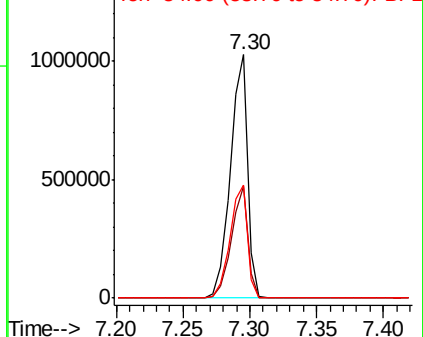
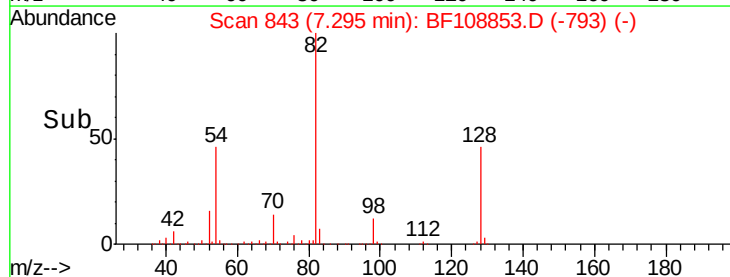


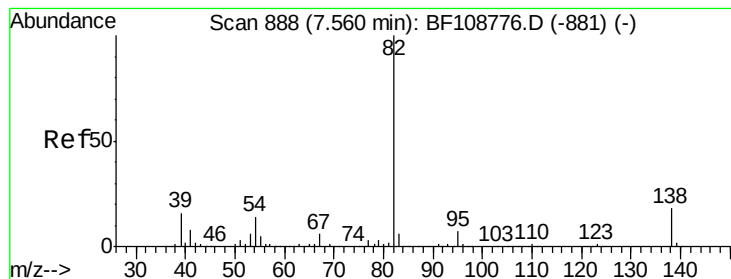
#23
Nitrobenzene-d5
Concen: 56.674 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt	Ion: 82	Resp:	935658
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	46.4	41.4	62.2



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





#25

Isophorone

Concen: 28.134 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108853.D

Acq: 7 Sep 2018 11:58

Instrument :

BNA_G

ClientSampleId :

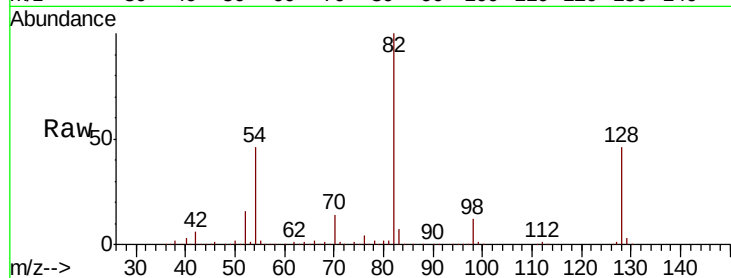
Tot Ion: 82 Resp: 926481

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

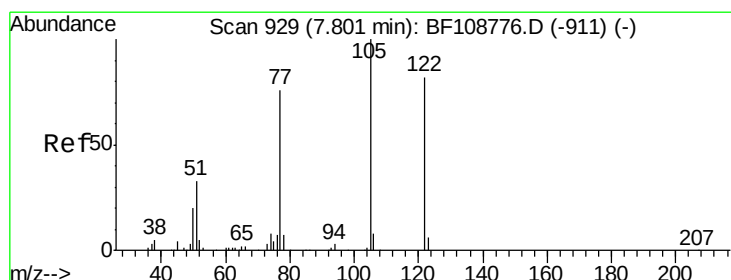
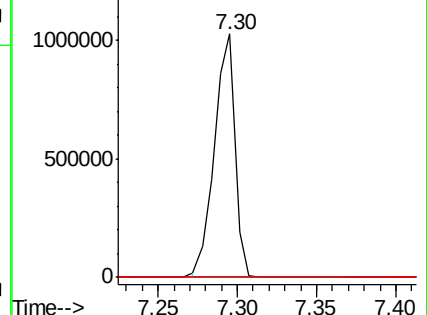
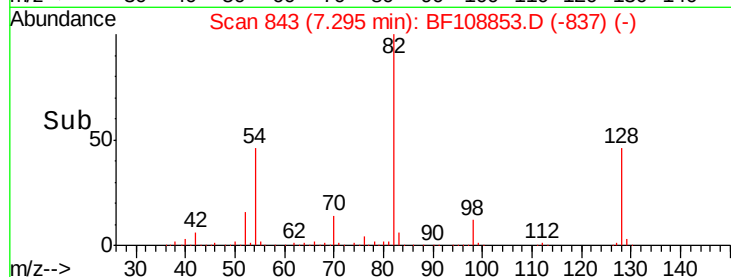
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 4.090 ng

RT: 7.71 min Scan# 914

Delta R.T. -0.09 min

Lab File: BF108853.D

Acq: 7 Sep 2018 11:58

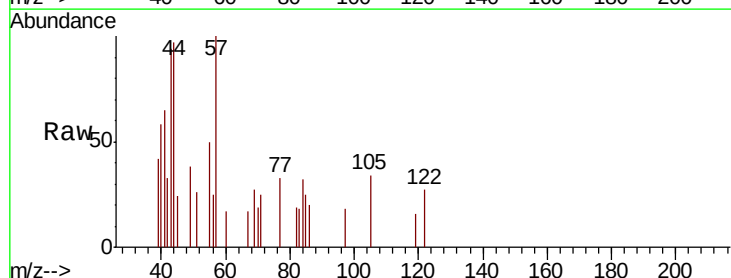
Tgt Ion: 122 Resp: 642

Ion Ratio Lower Upper

122 100

105 126.7 101.1 141.1

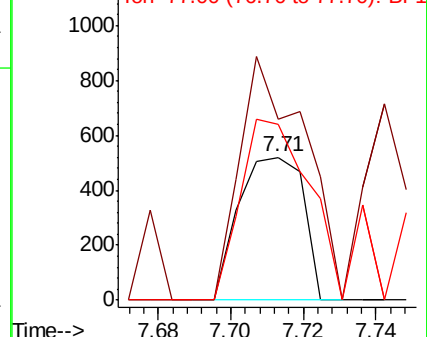
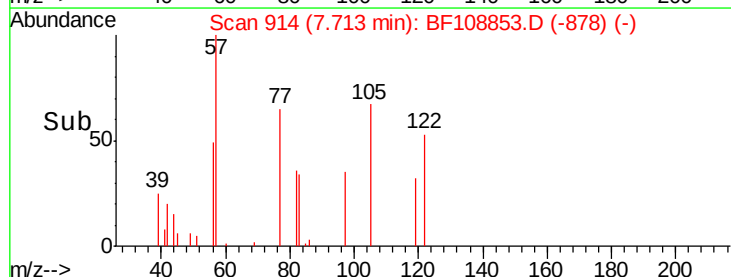
77 123.0 70.7 110.7#

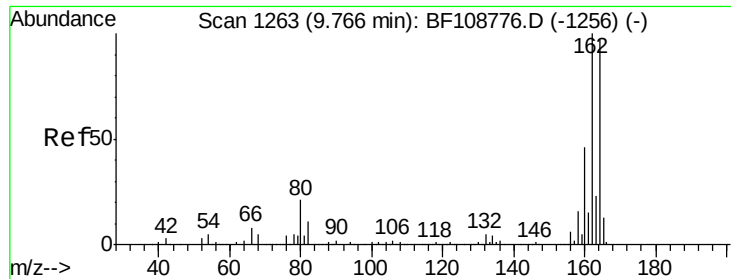


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

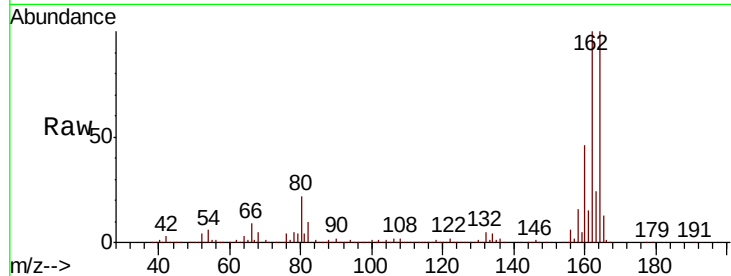




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	86.1	129.1
160	46.2	38.3	57.5

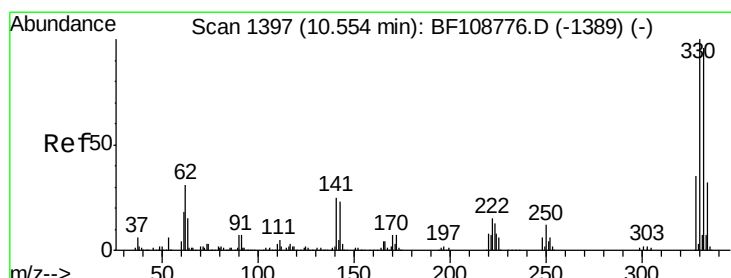
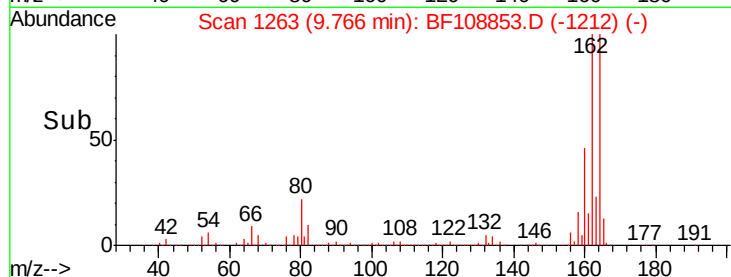
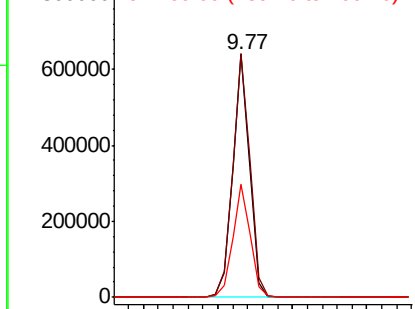


Abundance

Ion 164.00 (163.70 to 164.70): E

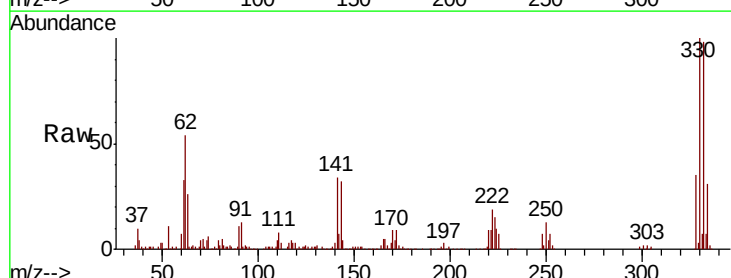
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 78.507 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.8	29.9	44.9

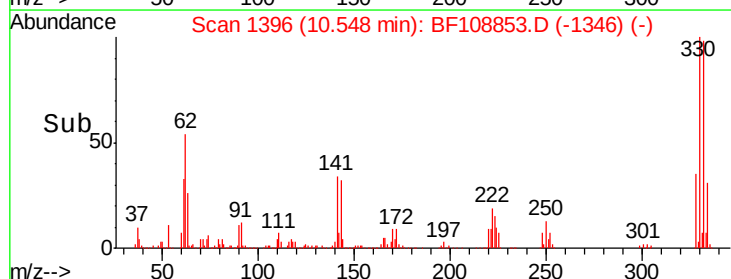
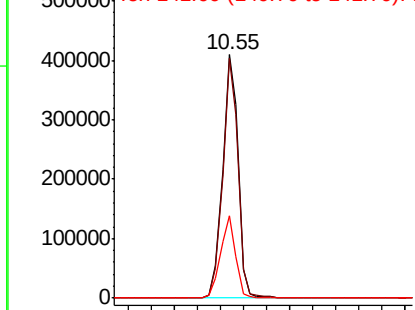


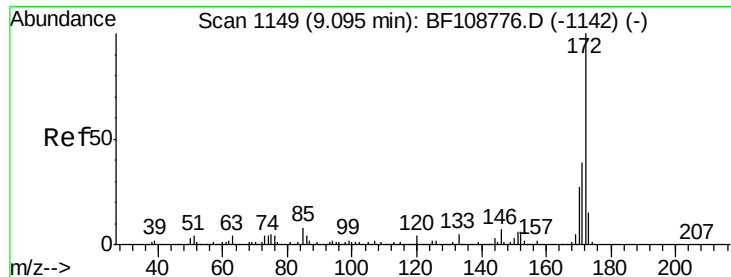
Abundance

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

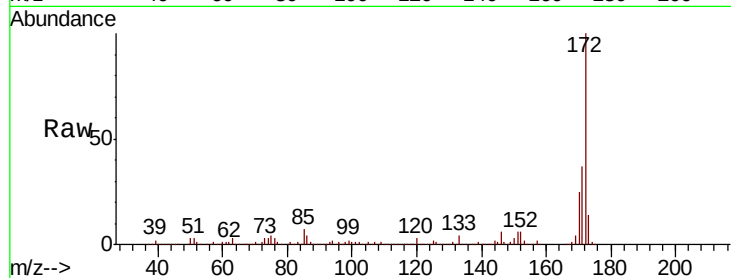




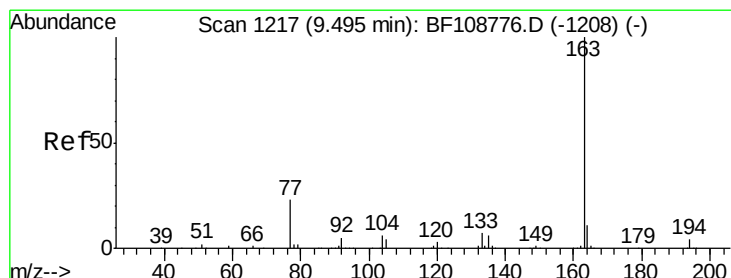
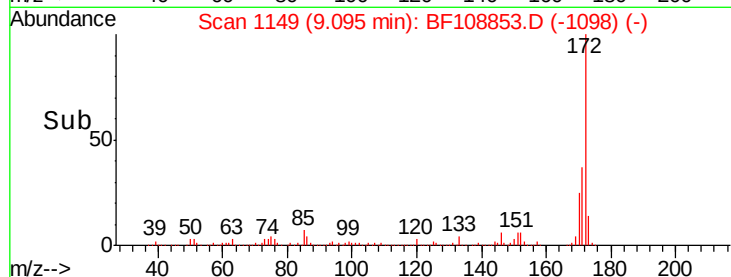
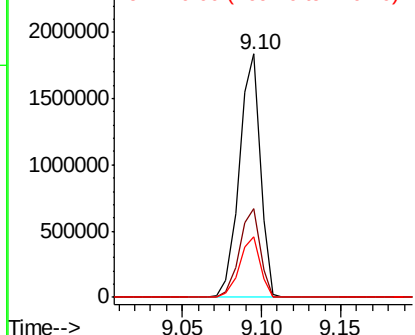
#44
2-Fluorobiphenyl
Concen: 56.380 ng
RT: 9.10 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1687424
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.9 19.6 29.4

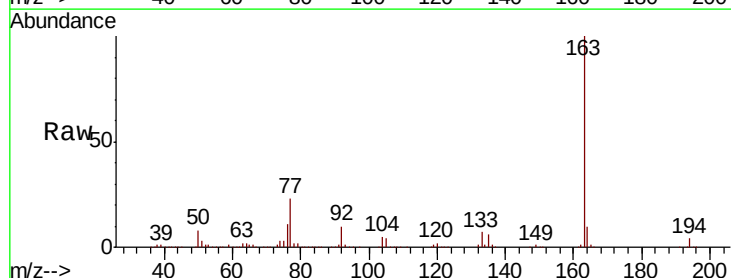


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

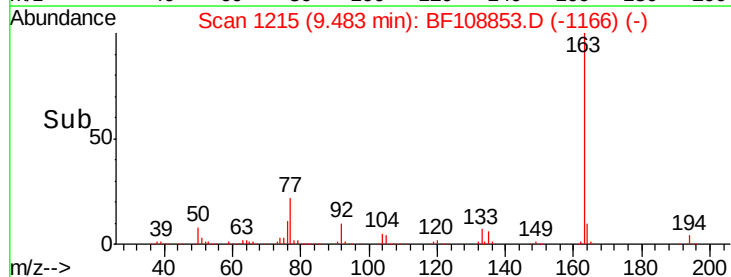
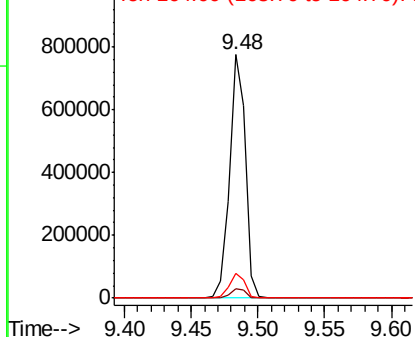


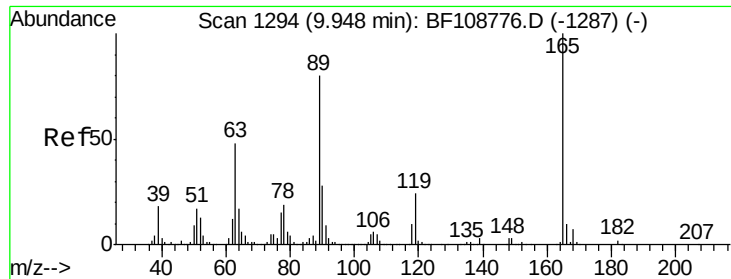
#49
Dimethylphthalate
Concen: 18.224 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion:163 Resp: 650830
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
1000000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

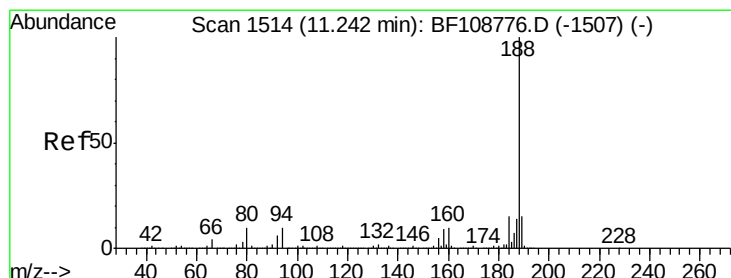
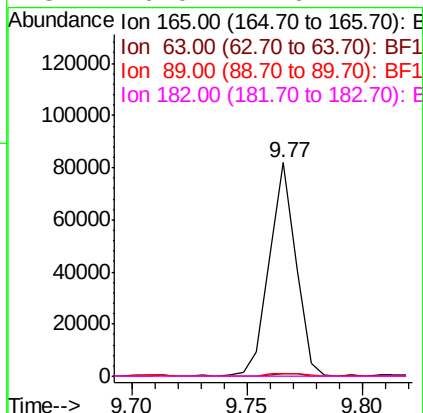
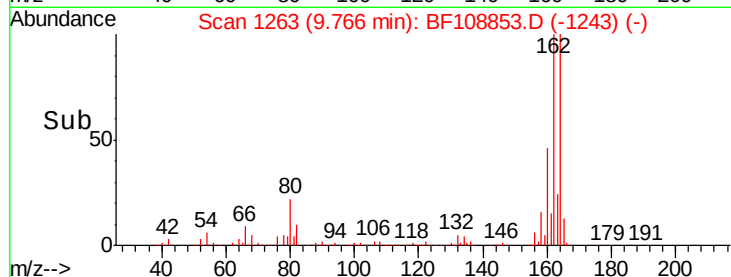
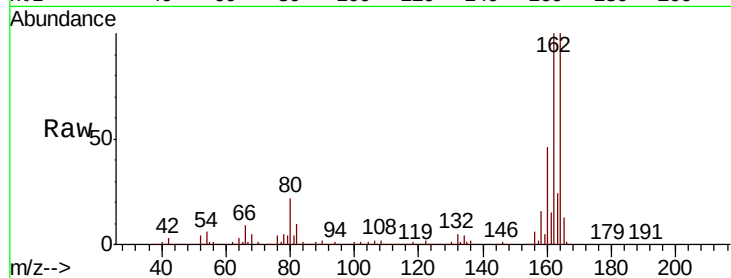




#56
 2,4-Dinitrotoluene
 Concen: 7.582 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108853.D
 Acq: 7 Sep 2018 11:58

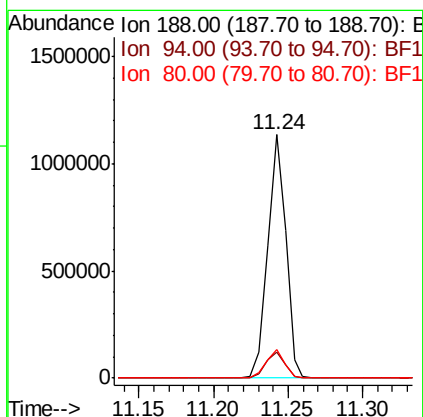
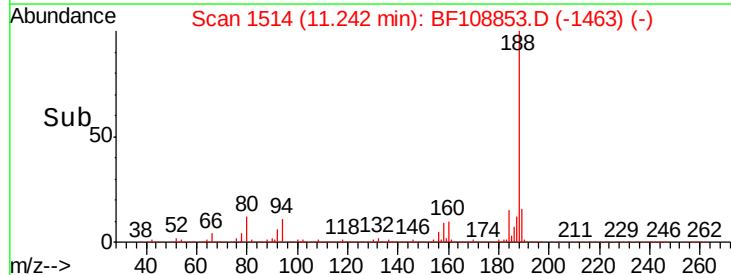
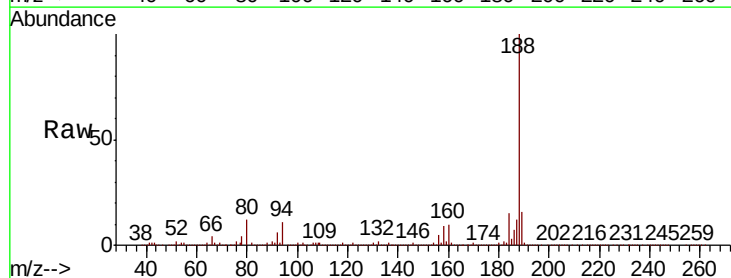
Instrument :
 BNA_G
 ClientSampleId :

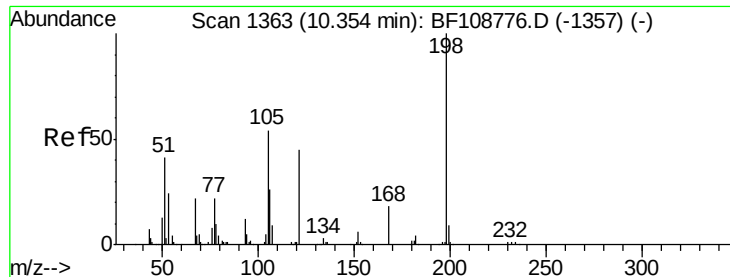
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF108853.D
 Acq: 7 Sep 2018 11:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8

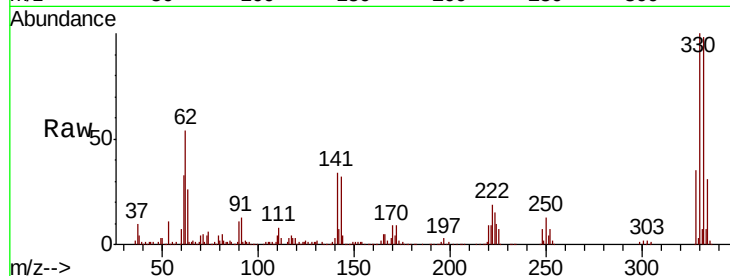




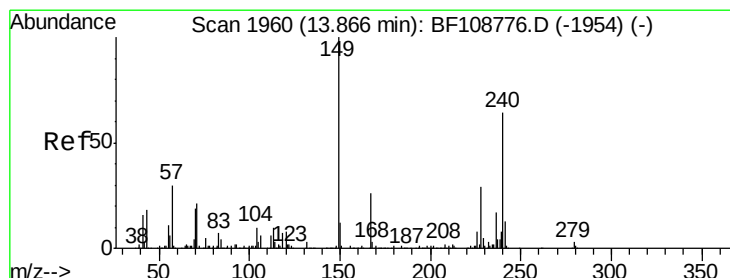
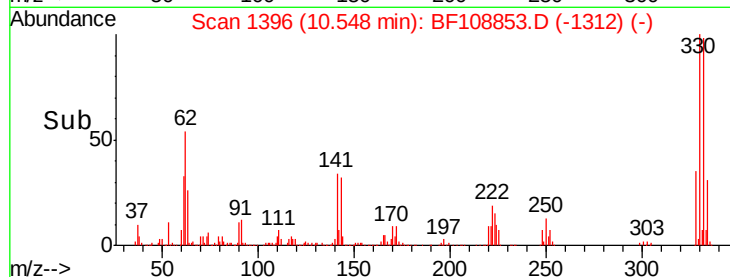
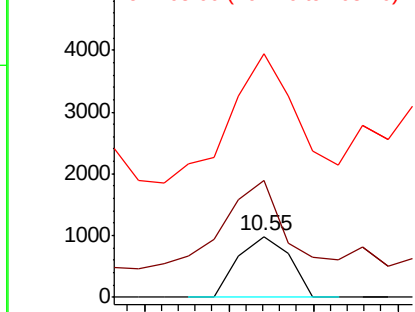
#64
4,6-Dinitro-2-methylphenol
Concen: 7.061 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 834
Ion Ratio Lower Upper
198 100
51 191.9 37.7 77.7#
105 397.7 36.3 76.3#

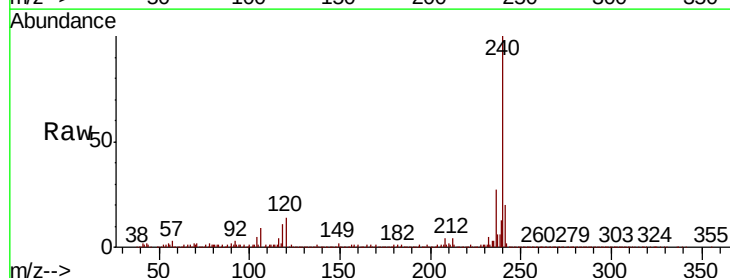


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

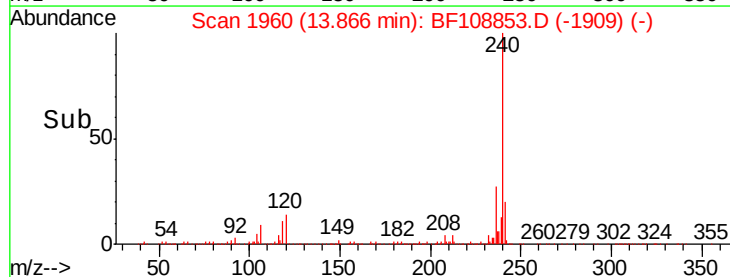
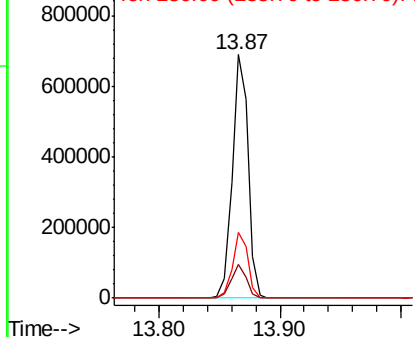


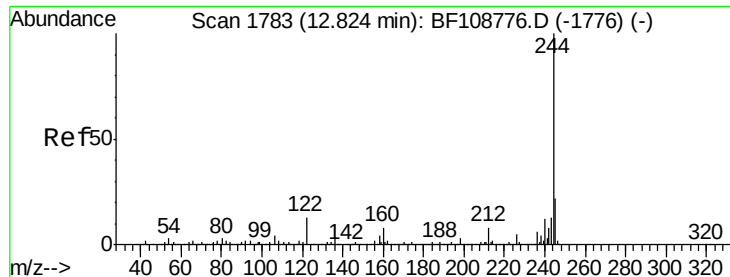
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108853.D
Acq: 7 Sep 2018 11:58

Tgt Ion:240 Resp: 625107
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 27.0 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

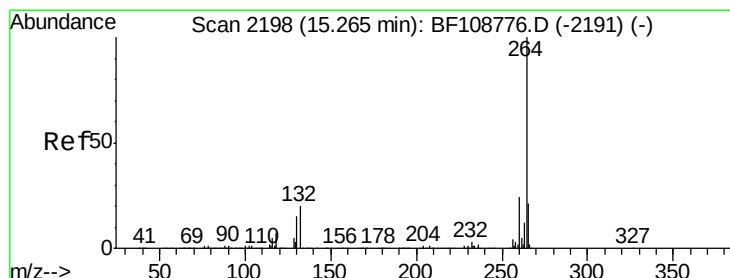
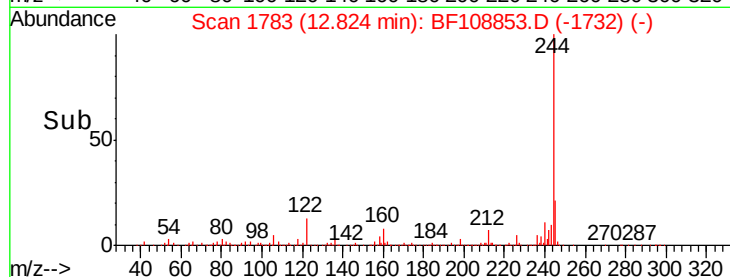
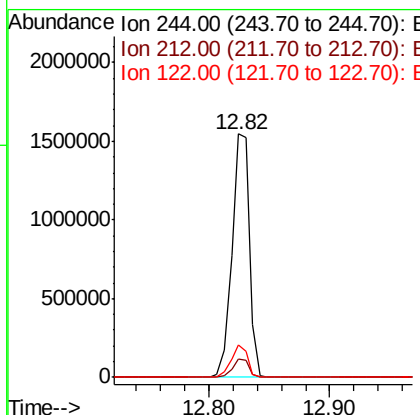
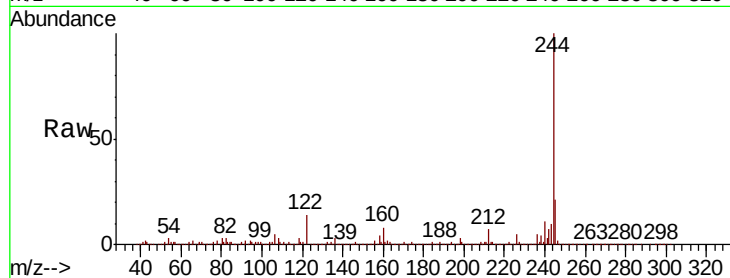




#78
 Terphenyl-d14
 Concen: 57.882 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108853.D
 Acq: 7 Sep 2018 11:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1551630
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 13.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108853.D
 Acq: 7 Sep 2018 11:58

Tgt Ion:264 Resp: 617212
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.6 17.5 26.3

