

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108893.D
 Acq On : 10 Sep 2018 15:23
 Operator : JU/SJ
 Sample : J4821-06 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 10 16:34:26 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

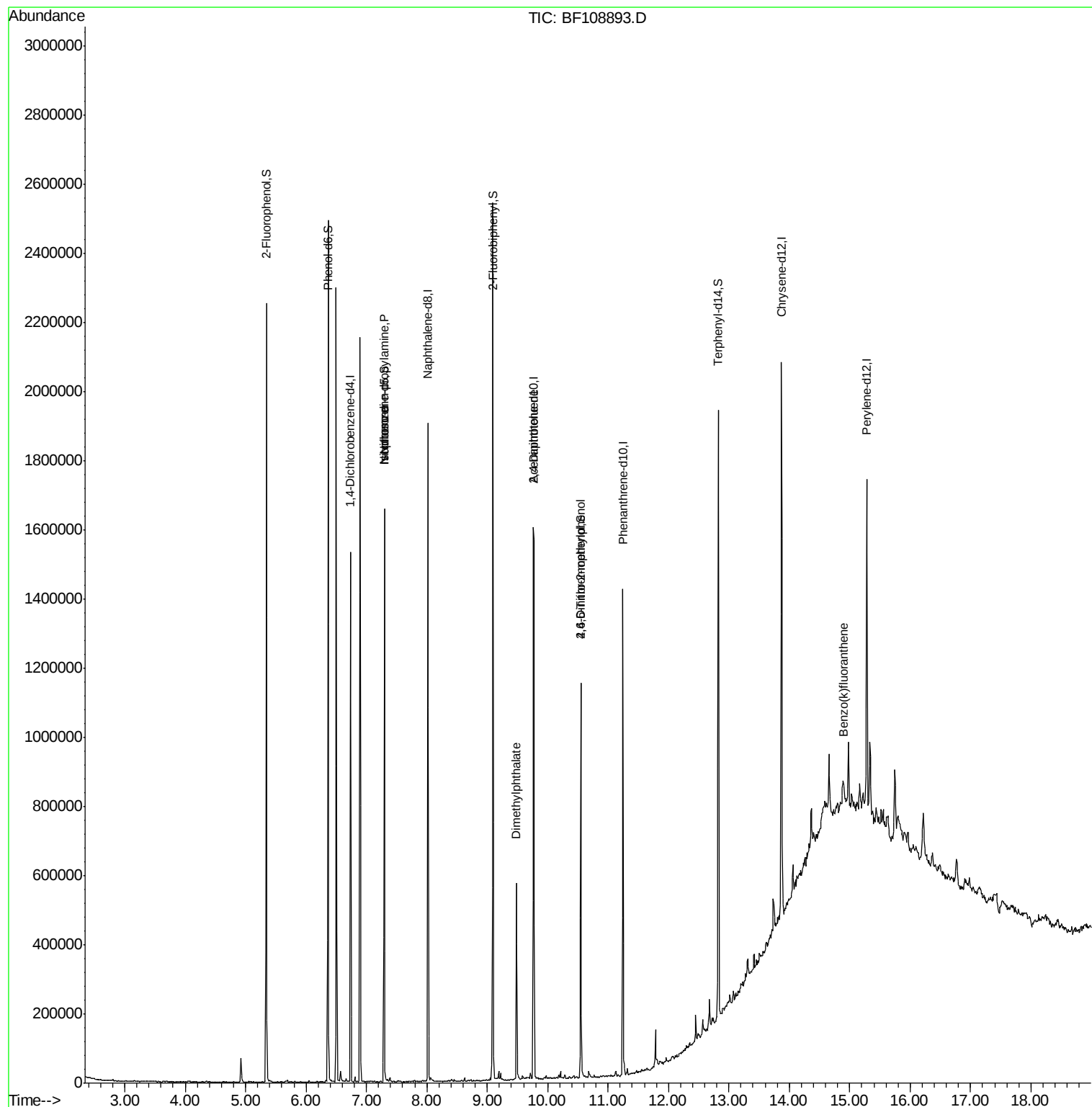
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	206736	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	747188	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	316869	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	524293	20.00	ng	0.00
75) Chrysene-d12	13.87	240	517445	20.00	ng	0.00
86) Perylene-d12	15.28	264	432015	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	591710	47.42	ng	0.00
7) Phenol-d6	6.37	99	757701	47.19	ng	0.00
23) Nitrobenzene-d5	7.30	82	472847	39.60	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	126443	41.80	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	768293	41.36	ng	0.00
78) Terphenyl-d14	12.82	244	588194	26.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	61220	5.485	ng	# 79
25) Isophorone	7.30	82	469907	19.731	ng	# 64
49) Dimethylphthalate	9.48	163	209515	9.453	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	41490	7.682	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	313	6.999	ng	# 1
88) Benzo(k)fluoranthene	14.88	252	43778	2.024	ng	# 63

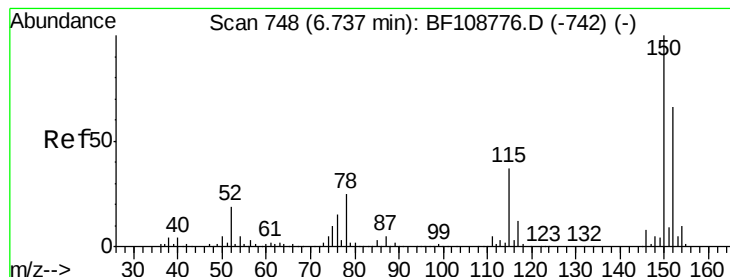
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108893.D
Acq On : 10 Sep 2018 15:23
Operator : JU/SJ
Sample : J4821-06 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 10 16:34:26 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



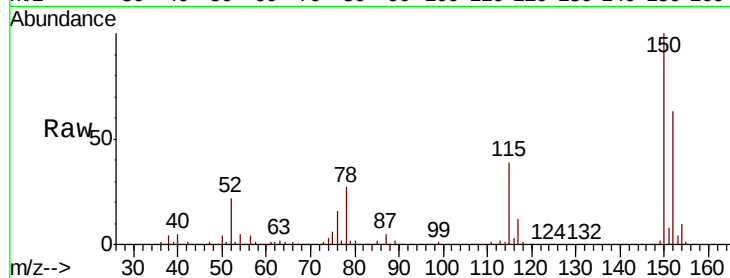


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108893.D
Acq: 10 Sep 2018 15:23

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	62.8	50.1	75.1

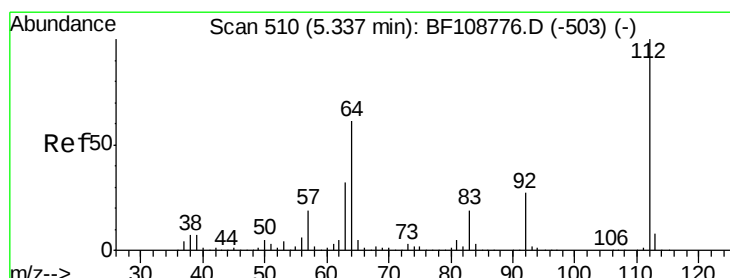
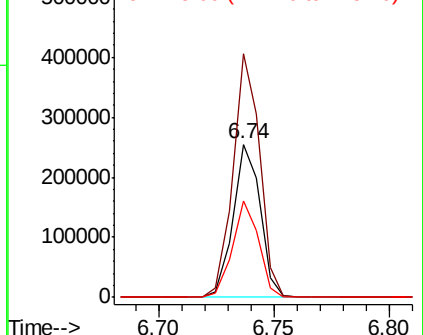
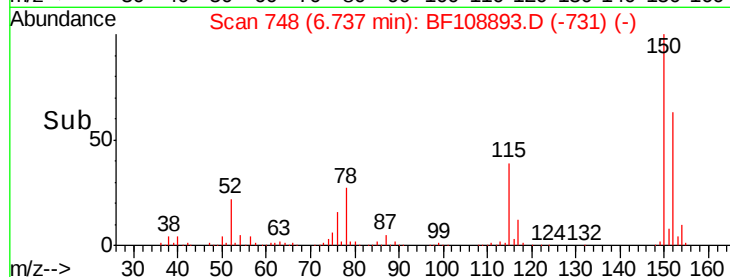


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

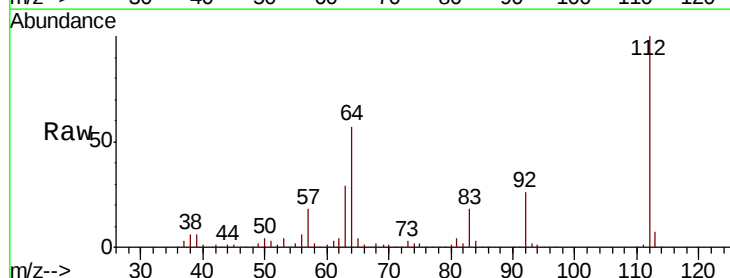
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.416 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108893.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	29.3	23.7	35.5

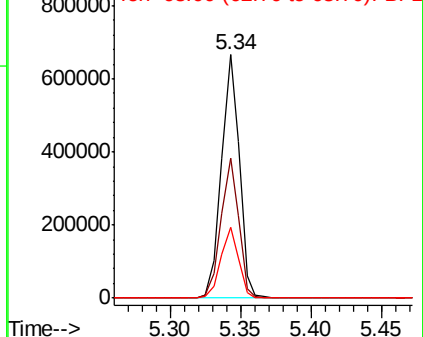
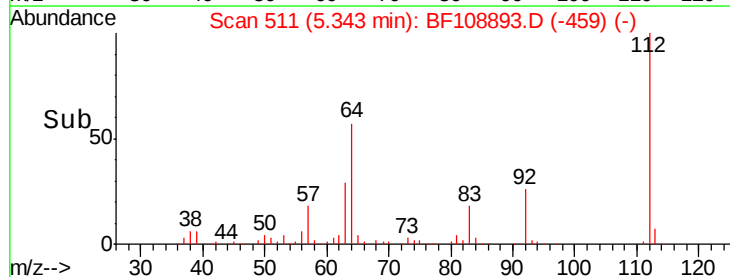


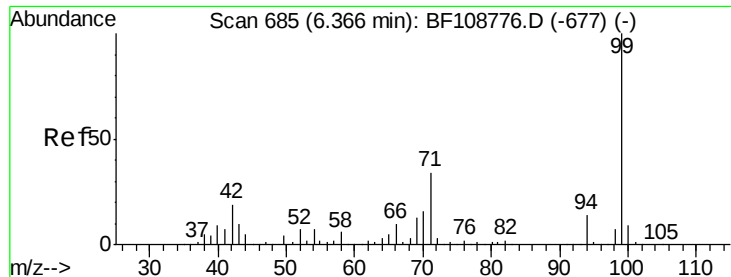
Abundance

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: 47.191 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108893.D

Acq: 10 Sep 2018 15:23

Instrument :

BNA_E

ClientSampleId :

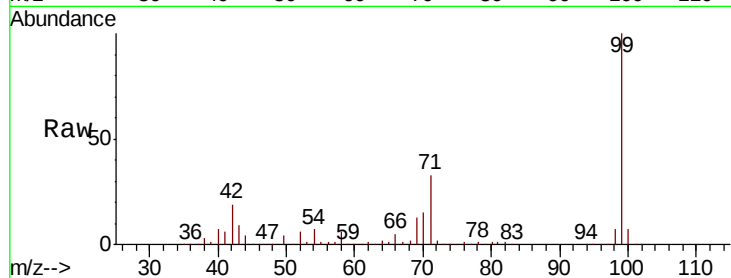
Tot Ion: 99 Resp: 757701

Ion Ratio Lower Upper

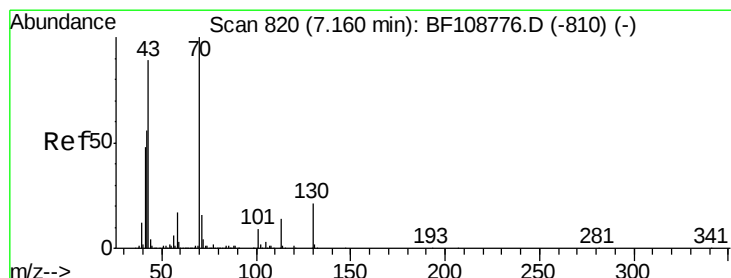
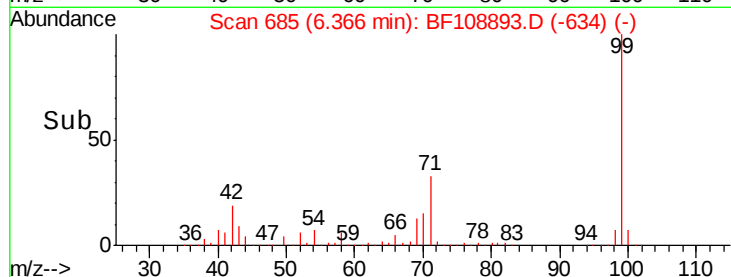
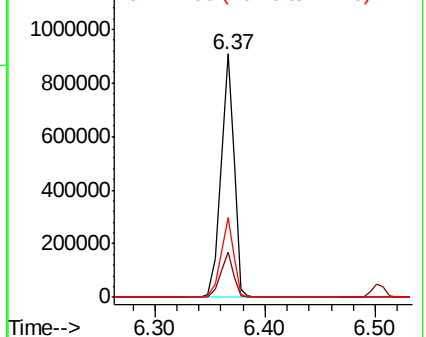
99 100

42 18.6 14.5 21.7

71 32.6 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: 5.485 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108893.D

Acq: 10 Sep 2018 15:23

Tgt Ion: 70 Resp: 61220

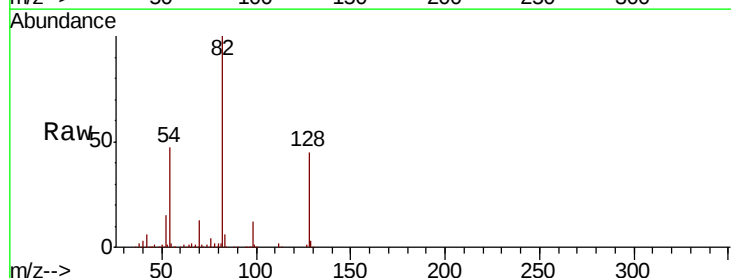
Ion Ratio Lower Upper

70 100

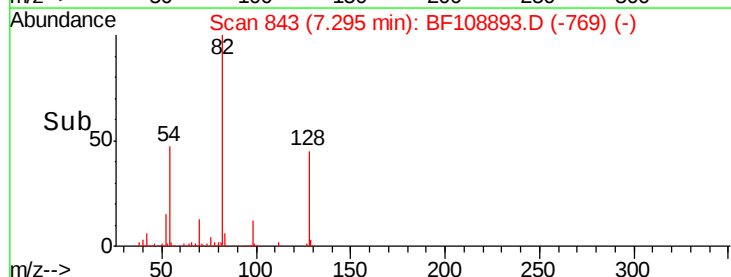
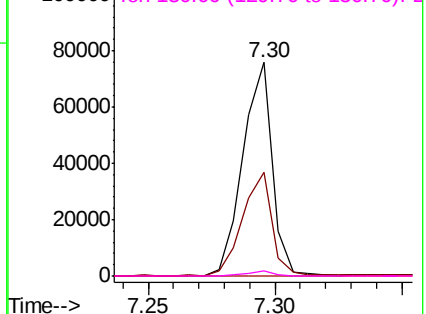
42 48.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 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

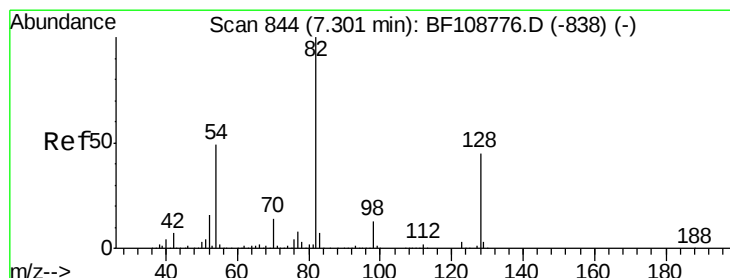
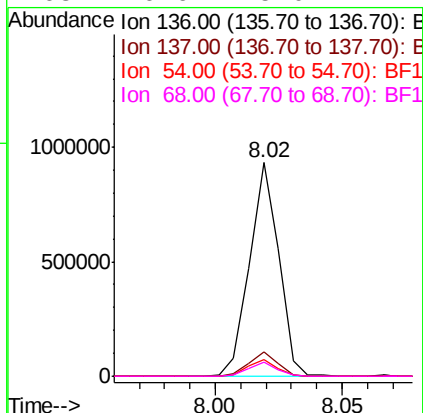
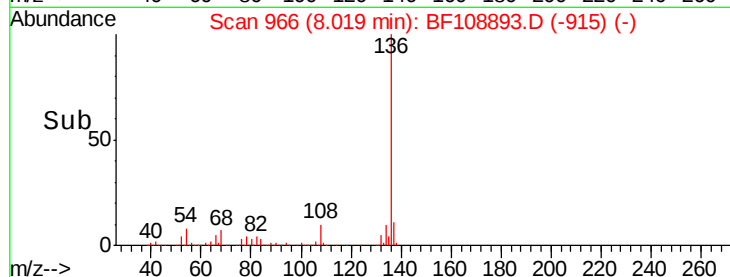
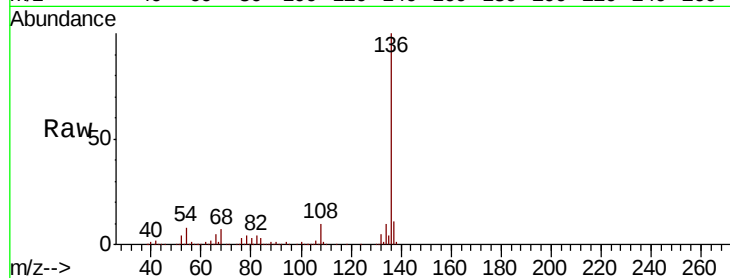




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108893.D
Acq: 10 Sep 2018 15:23

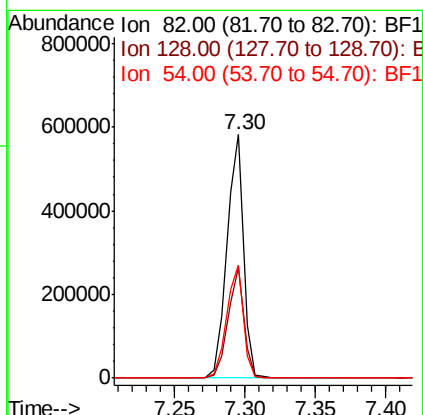
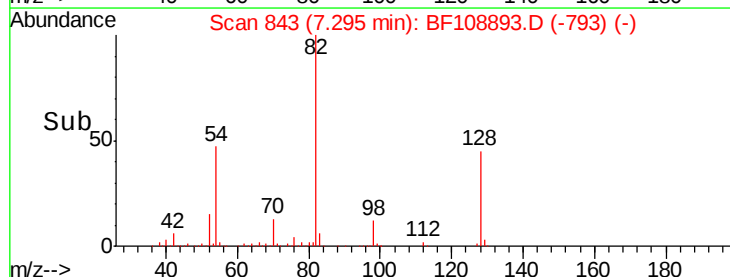
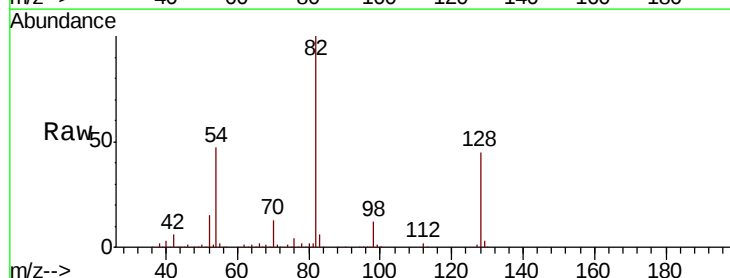
Instrument :
BNA_E
ClientSampleId :

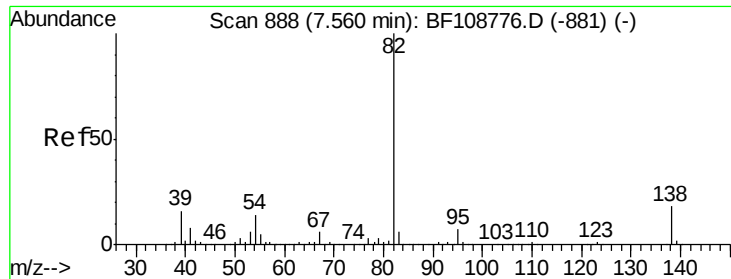
Tot Ion:136	Resp:	747188
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	8.0	6.6 9.8
68	6.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 39.603 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108893.D
Acq: 10 Sep 2018 15:23

Tgt Ion: 82	Resp:	472847
Ion Ratio	Lower	Upper
82	100	
128	45.3	36.1 54.1
54	46.5	41.4 62.2





#25

Isophorone

Concen: 19.731 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108893.D

Acq: 10 Sep 2018 15:23

Instrument :

BNA_E

ClientSampleId :

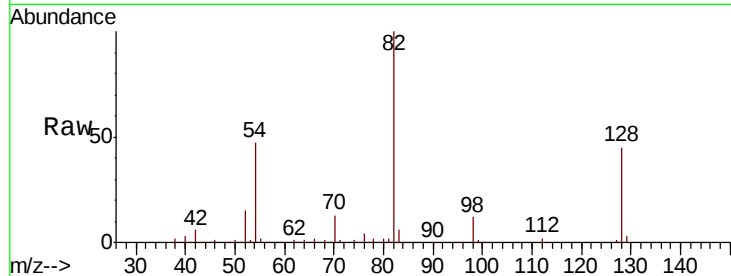
Tot Ion: 82 Resp: 469907

Ion Ratio Lower Upper

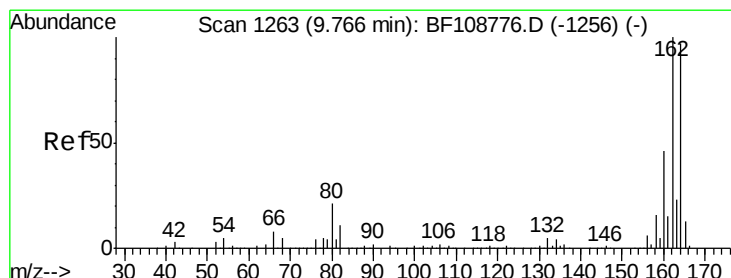
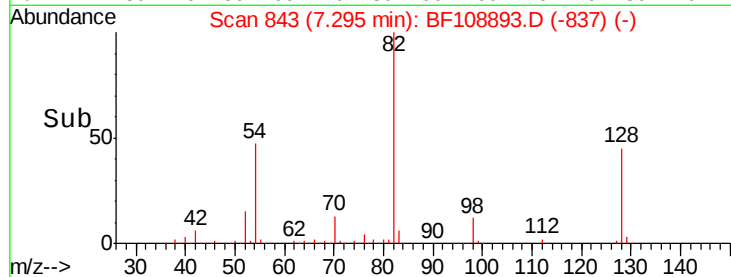
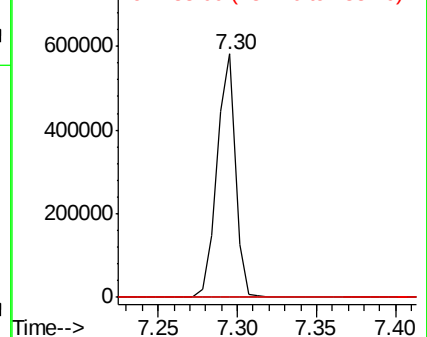
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF108893.D

Acq: 10 Sep 2018 15:23

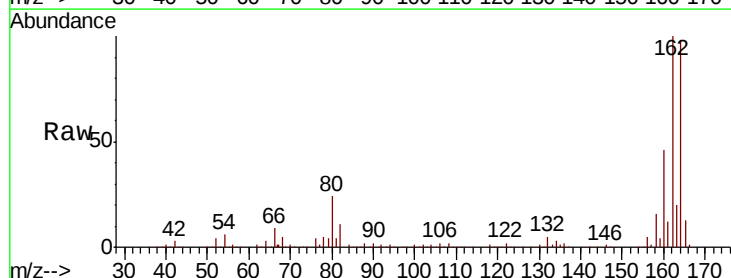
Tgt Ion:164 Resp: 316869

Ion Ratio Lower Upper

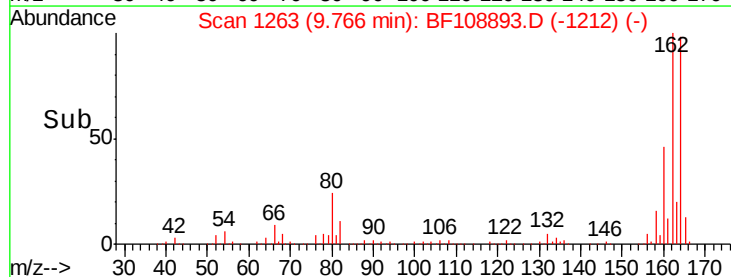
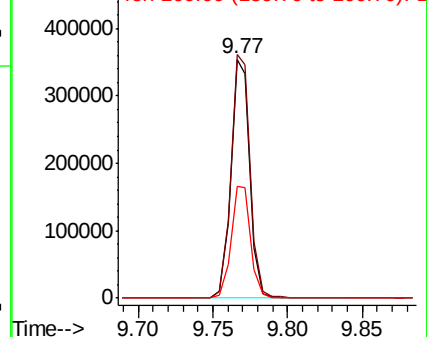
164 100

162 102.0 86.1 129.1

160 47.0 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

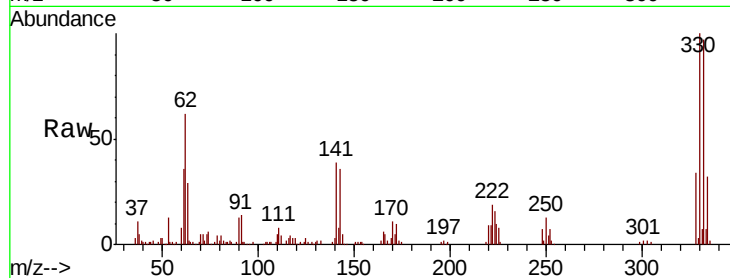




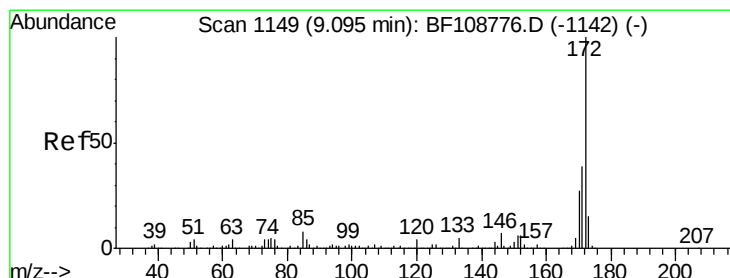
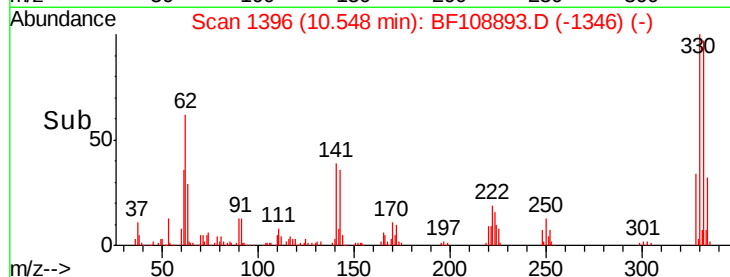
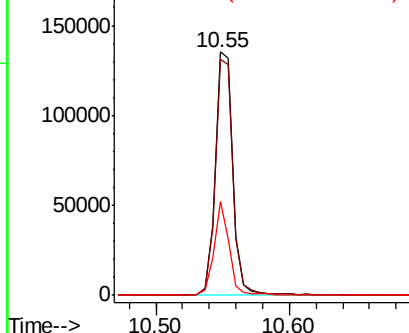
#41
 2,4,6-Tribromophenol
 Concen: 41.800 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108893.D
 Acq: 10 Sep 2018 15:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	33.2	29.9	44.9

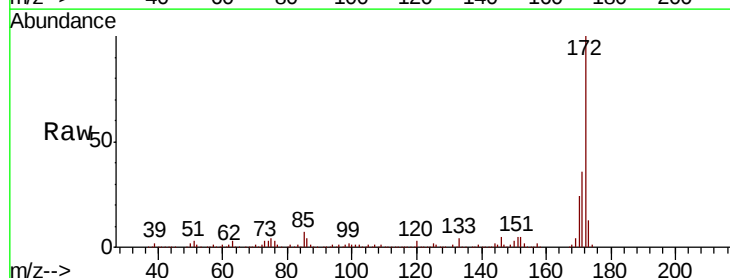


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

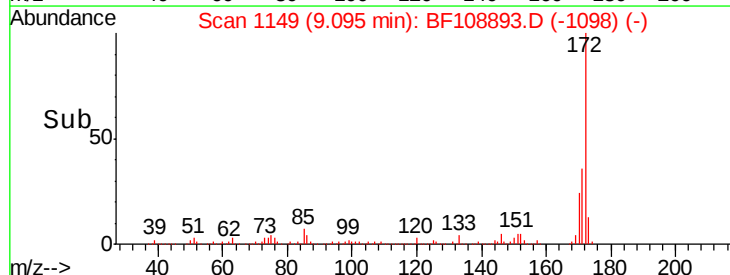
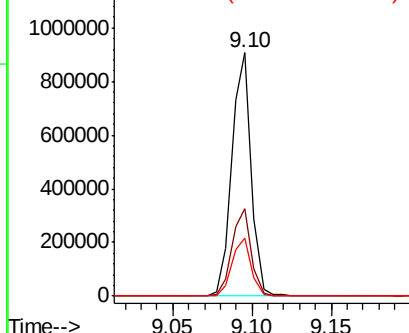


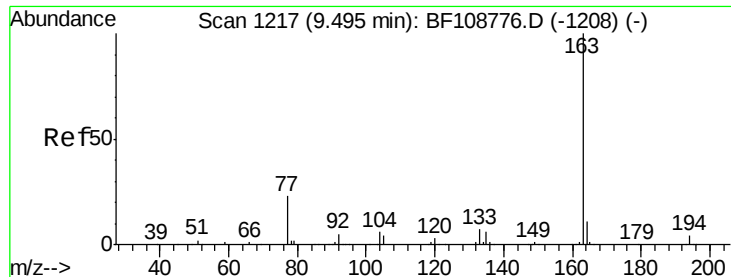
#44
 2-Fluorobiphenyl
 Concen: 41.364 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108893.D
 Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	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

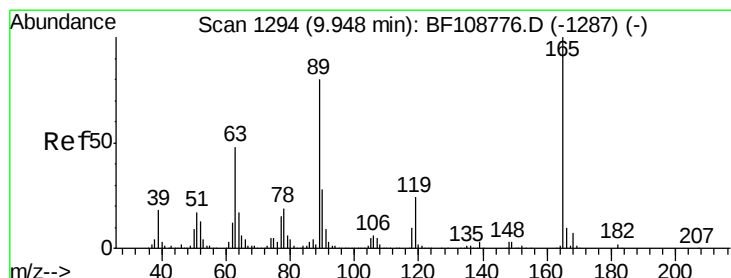
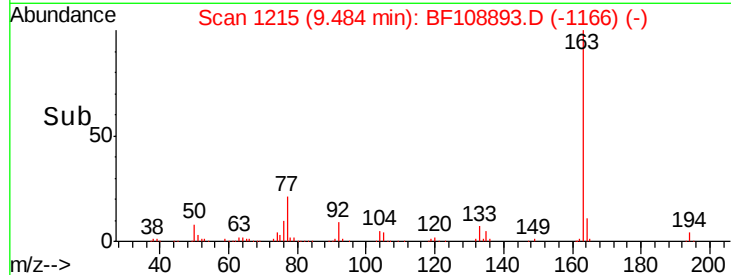
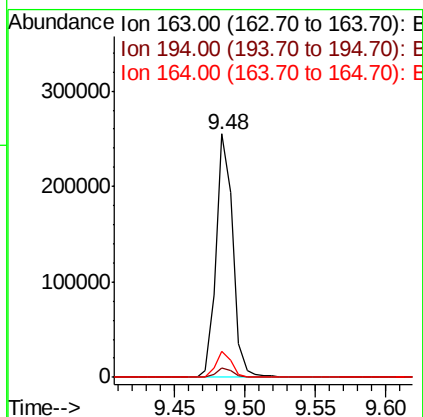
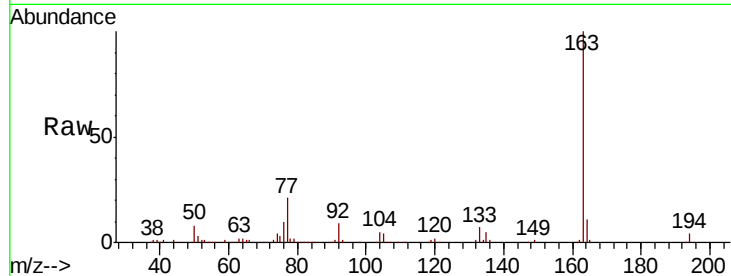




#49
Dimethylphthalate
Concen: 9.453 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108893.D
Acq: 10 Sep 2018 15:23

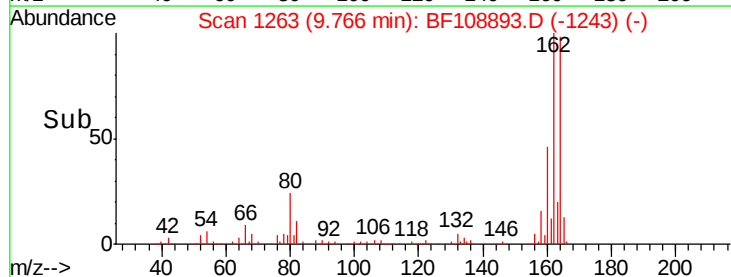
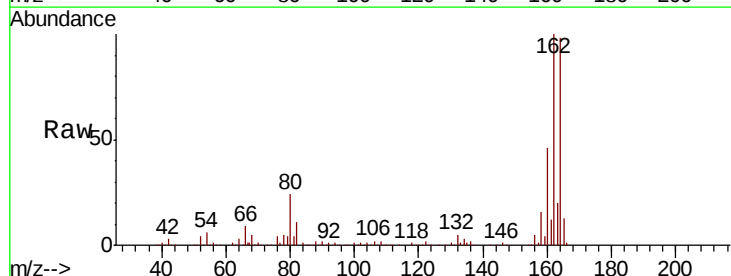
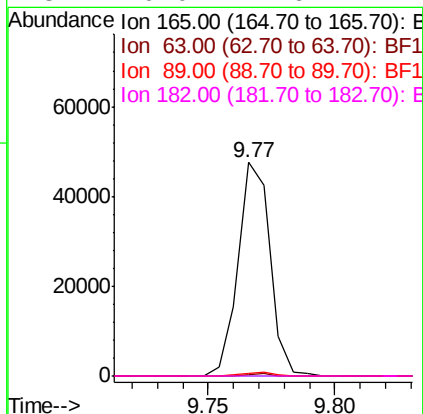
Instrument :
BNA_E
ClientSampleId :

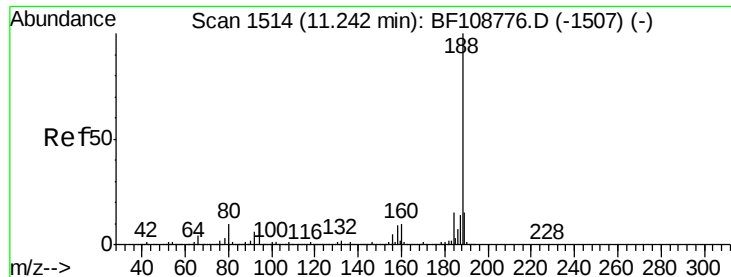
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.7	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 7.682 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108893.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

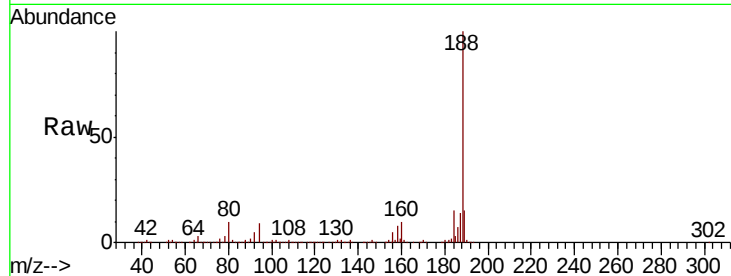




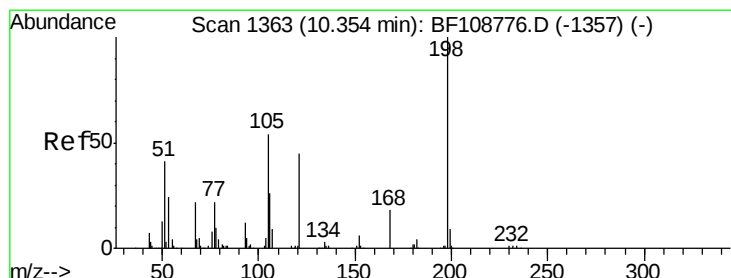
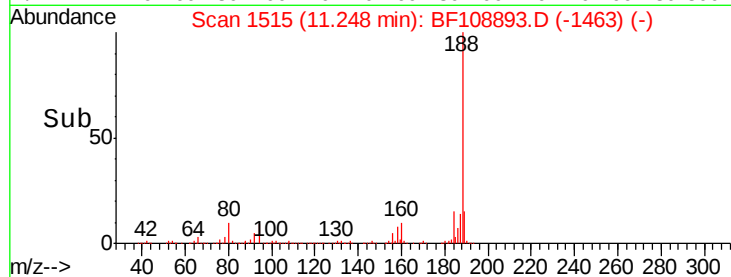
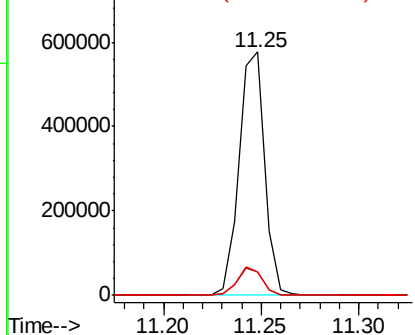
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108893.D
 Acq: 10 Sep 2018 15:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:188 Resp: 524293
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 9.7 9.2 13.8

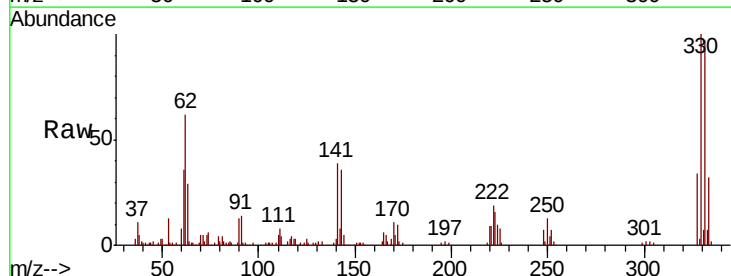


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

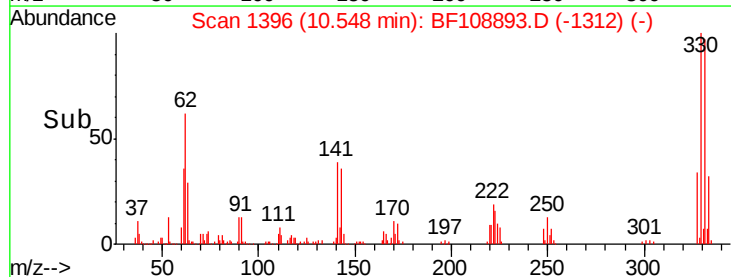
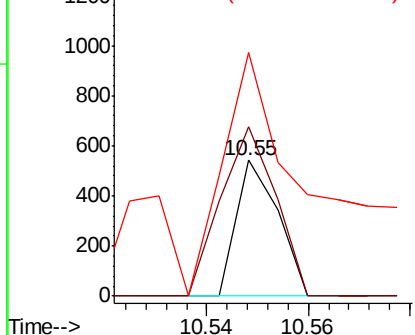


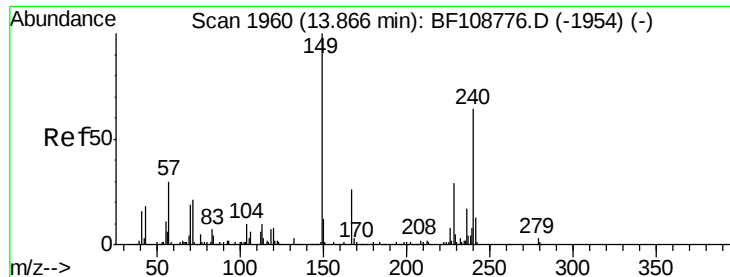
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.999 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108893.D
 Acq: 10 Sep 2018 15:23

Tgt Ion:198 Resp: 313
 Ion Ratio Lower Upper
 198 100
 51 124.6 37.7 77.7#
 105 179.7 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# 1961

Delta R.T. 0.01 min

Lab File: BF108893.D

Acq: 10 Sep 2018 15:23

Instrument :

BNA_E

ClientSampleId :

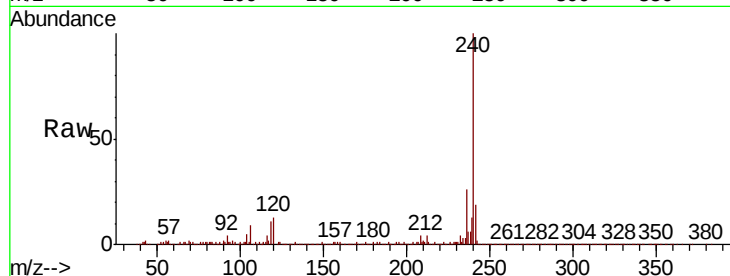
Tot Ion:240 Resp: 517445

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

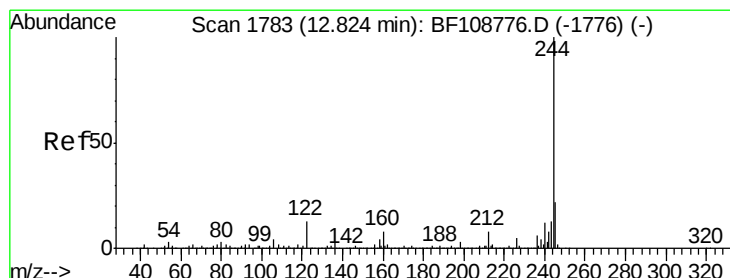
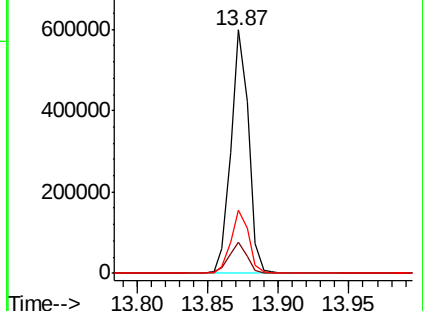
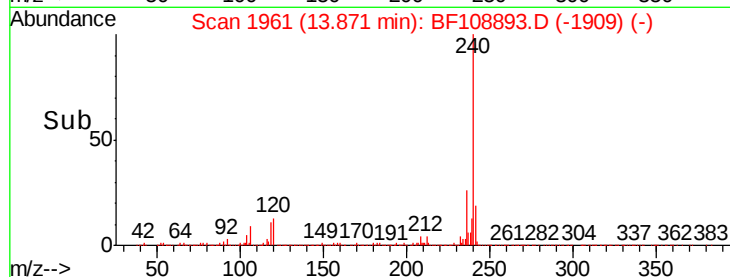
236 26.1 20.7 31.1



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: 26.507 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108893.D

Acq: 10 Sep 2018 15:23

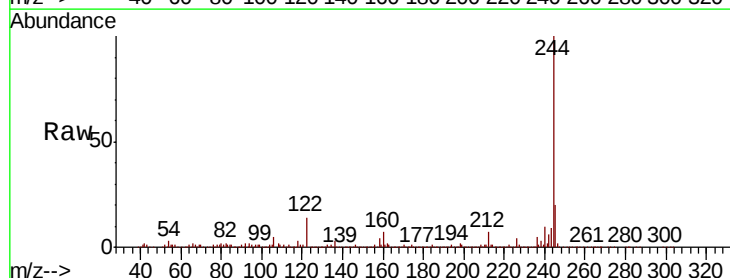
Tgt Ion:244 Resp: 588194

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

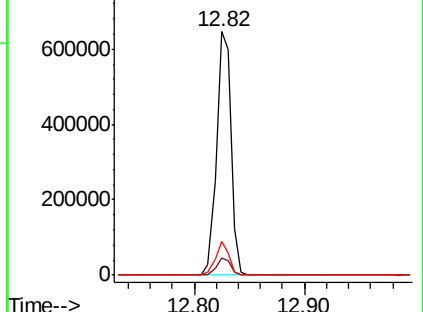
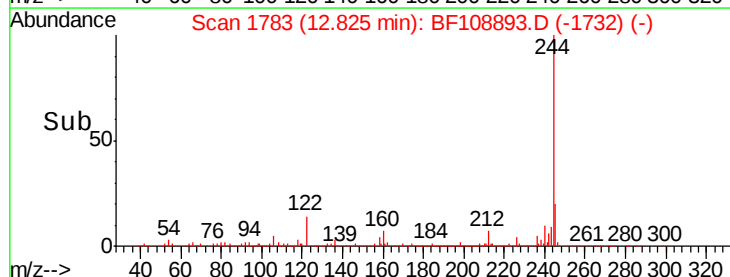
122 14.0 11.0 16.4

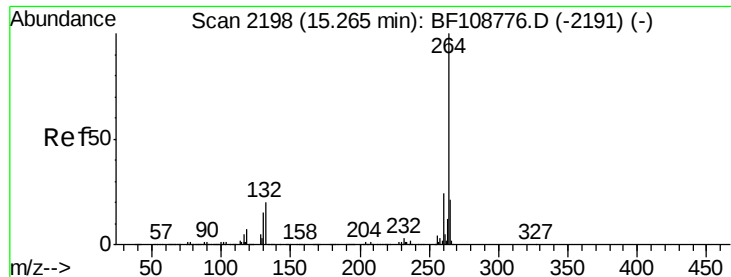


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

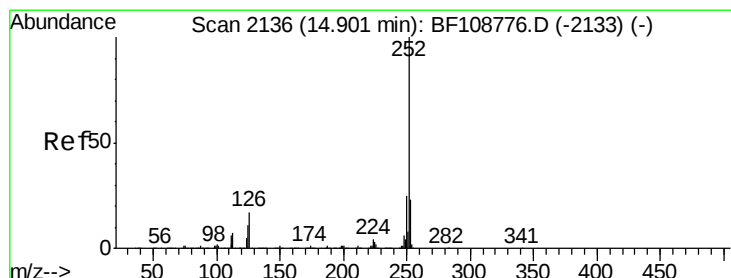
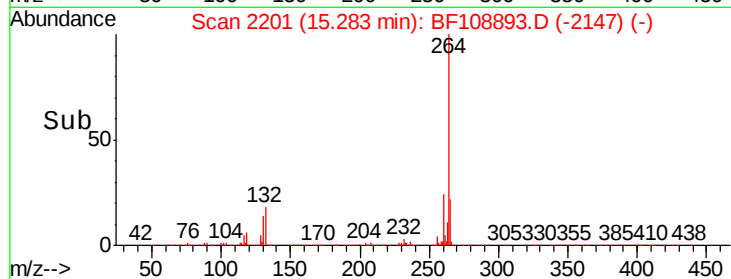
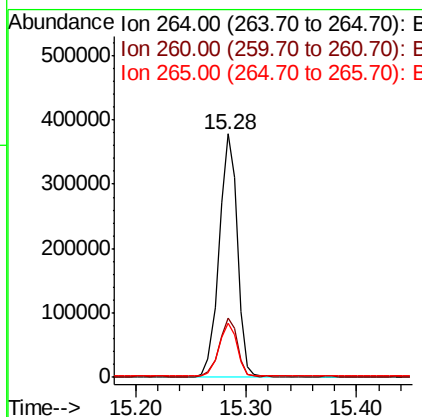
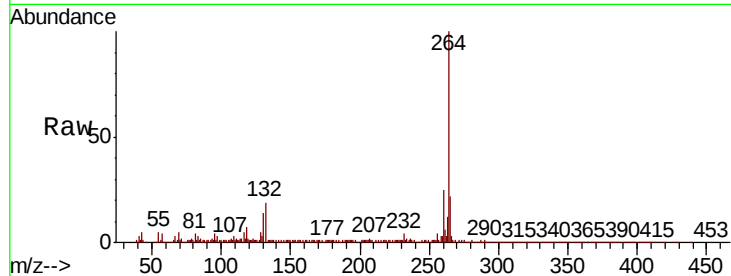




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108893.D
Acq: 10 Sep 2018 15:23

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.1	17.5	26.3



#88
Benzo(k)fluoranthene
Concen: 2.024 ng
RT: 14.88 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF108893.D
Acq: 10 Sep 2018 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.9	17.9	26.9#
125	28.2	10.2	15.2#

