

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108857.D
 Acq On : 7 Sep 2018 13:44
 Operator : JU/SJ
 Sample : J4741-02RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 14:22:41 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	220055	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	834732	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	368365	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	620047	20.00	ng	0.00
75) Chrysene-d12	13.87	240	572042	20.00	ng	0.00
86) Perylene-d12	15.28	264	508850	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1069868	80.54	ng	0.00
7) Phenol-d6	6.37	99	1411947	82.62	ng	0.00
23) Nitrobenzene-d5	7.30	82	1095869	82.16	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	247366	70.34	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1839851	85.21	ng	0.00
78) Terphenyl-d14	12.82	244	1628633	66.39	ng	0.00

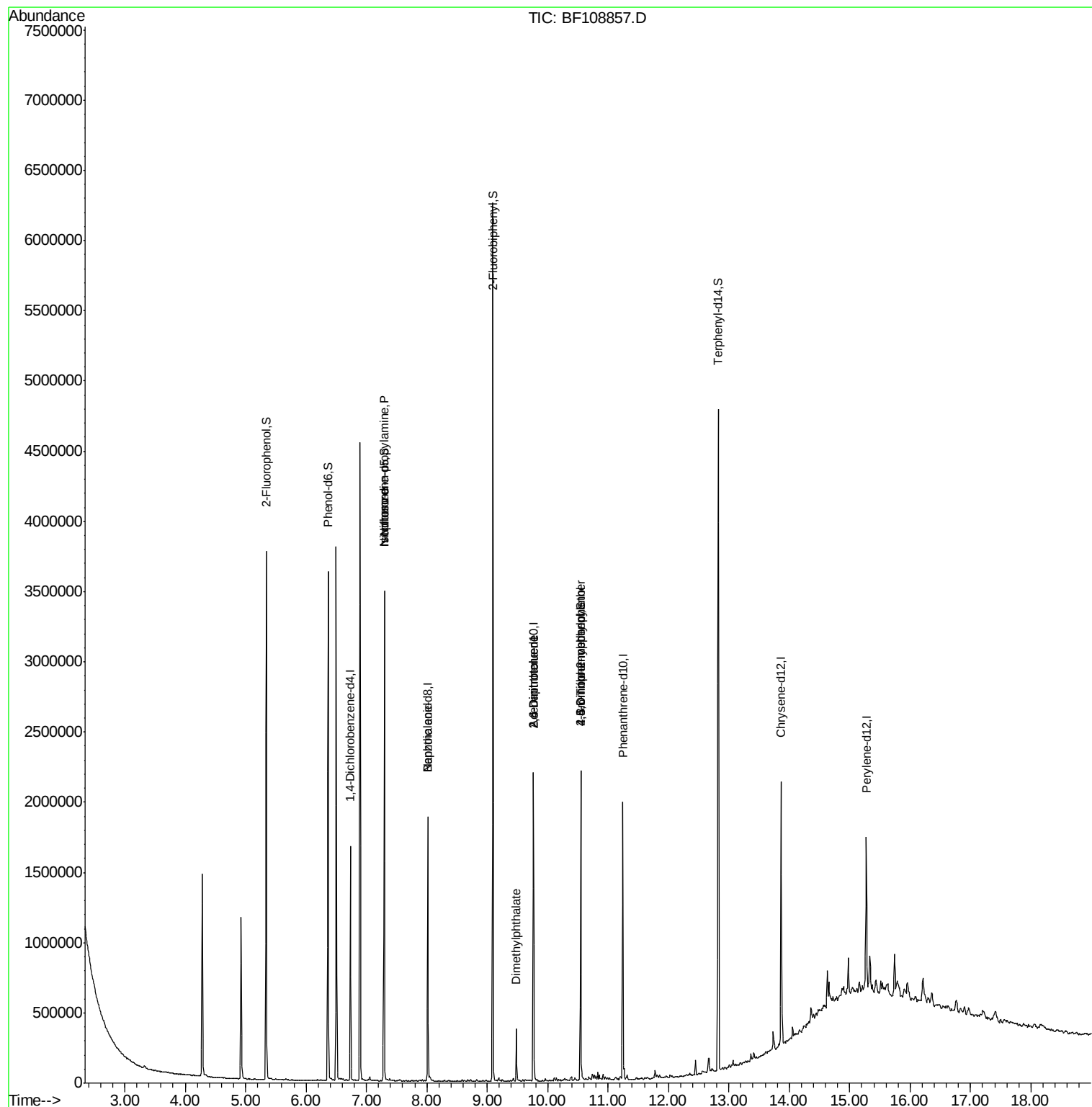
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	148170	12.472	ng	# 77
25) Isophorone	7.30	82	1084594	40.765	ng	# 64
32) Benzoic acid	8.01	122	108	4.032	ng	# 1
49) Dimethylphthalate	9.48	163	125448	4.869	ng	# 99
50) 2,6-Dinitrotoluene	9.77	165	46926	9.558	ng	# 25
56) 2,4-Dinitrotoluene	9.77	165	46926	7.474	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	485	7.039	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	15232	2.175	ng	# 1

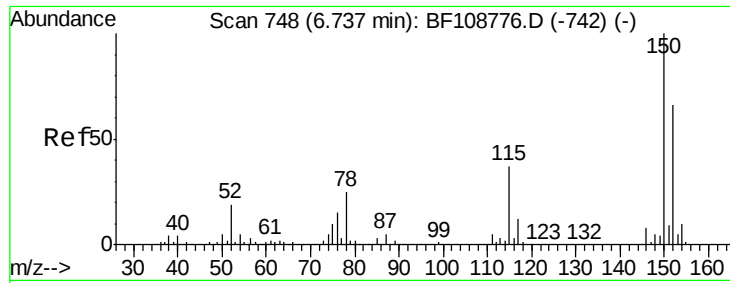
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :

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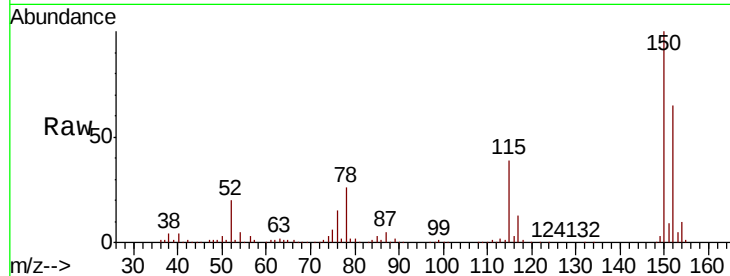


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	60.4	50.1	75.1

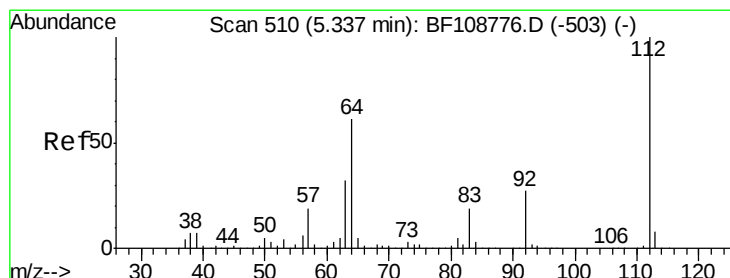
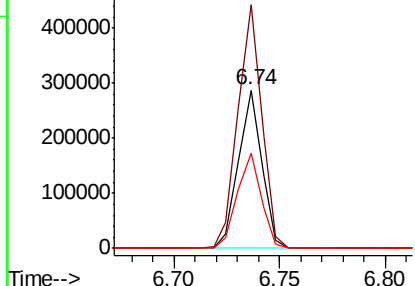
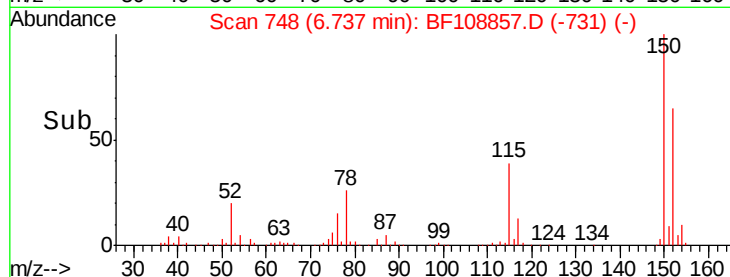


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

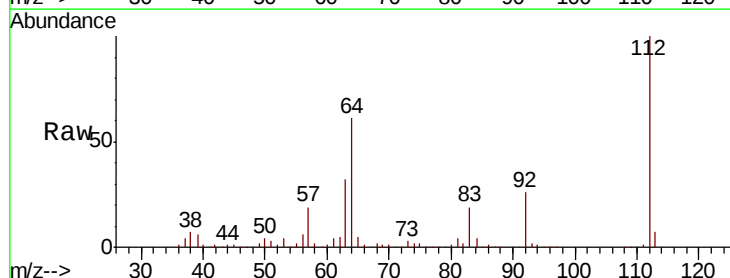
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.544 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	31.5	23.7	35.5

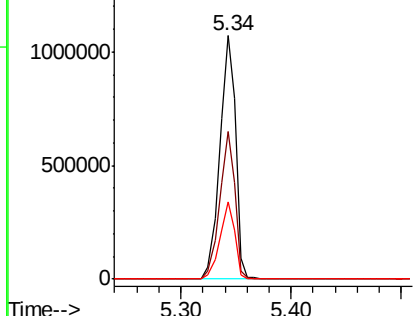
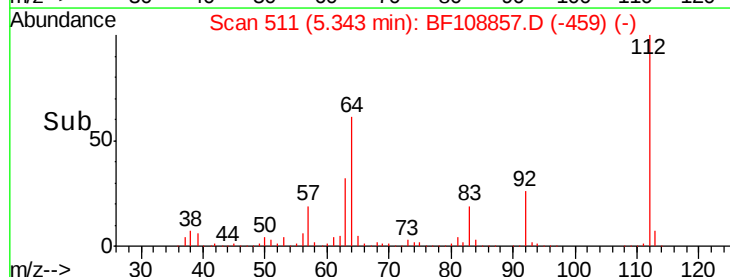


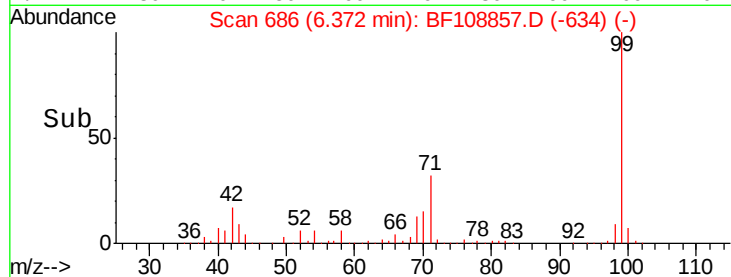
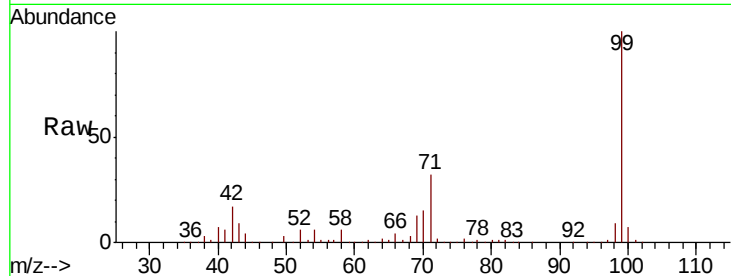
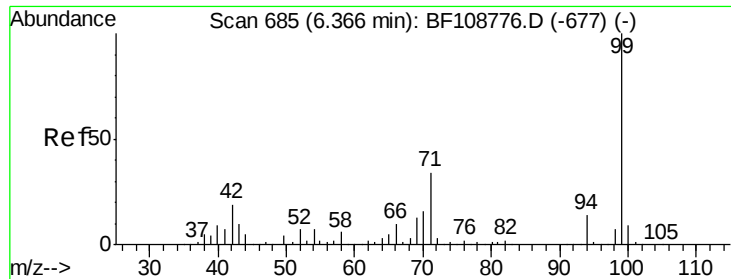
Abundance

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: 82.615 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108857.D

Acq: 7 Sep 2018 13:44

Instrument :

BNA_G

ClientSampleId :

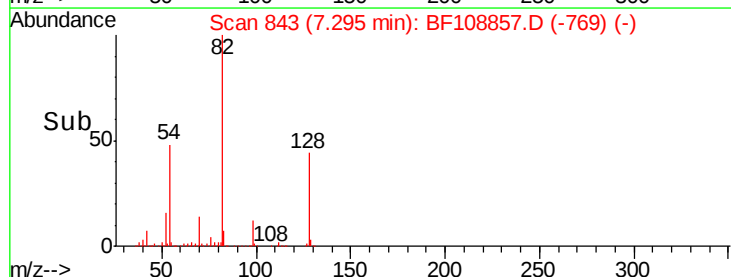
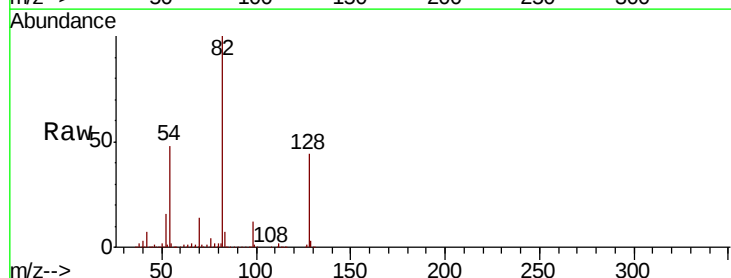
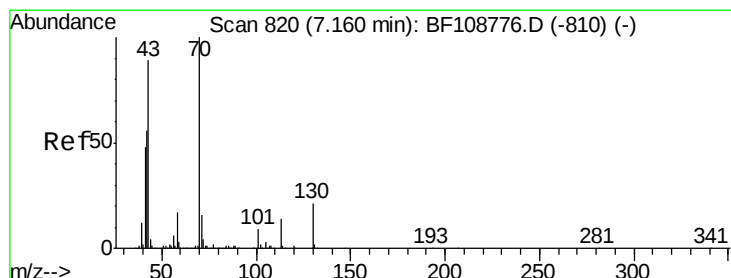
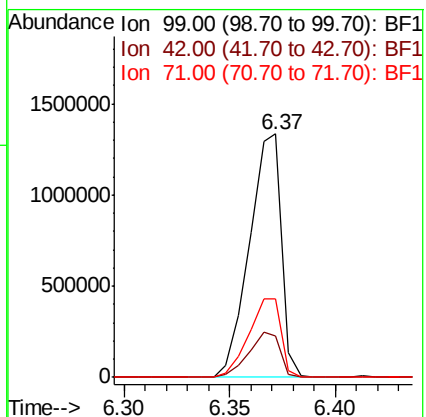
Tot Ion: 99 Resp: 1411947

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

71 32.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.472 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108857.D

Acq: 7 Sep 2018 13:44

Tgt Ion: 70 Resp: 148170

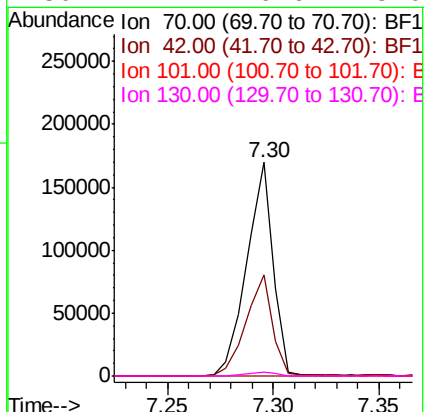
Ion Ratio Lower Upper

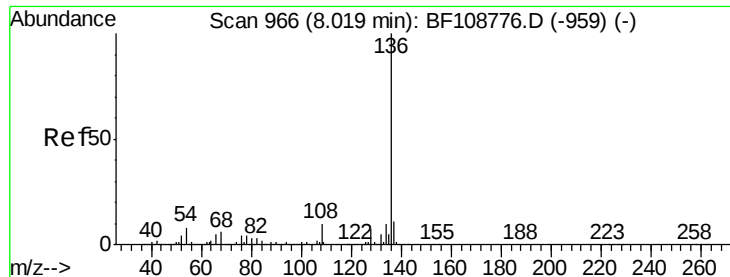
70 100

42 47.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

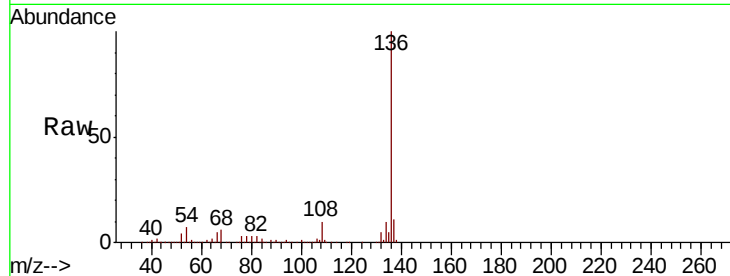




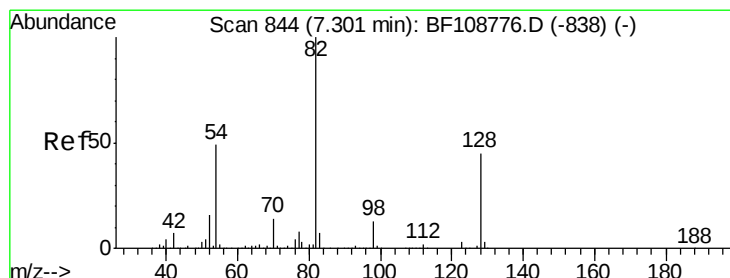
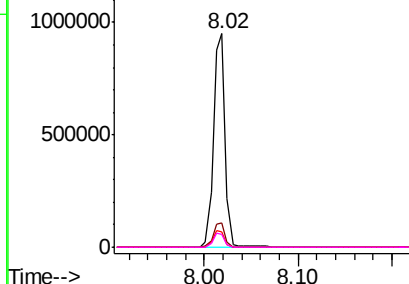
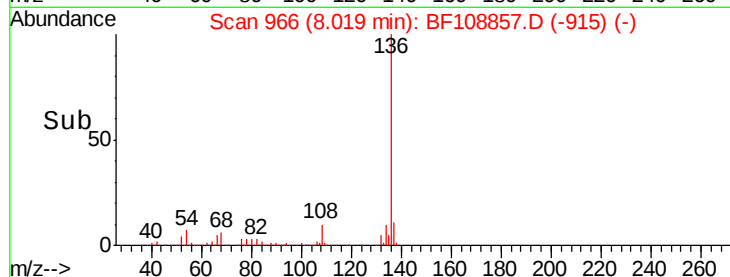
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	834732
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.0	6.6 9.8
68	6.0	5.0 7.4

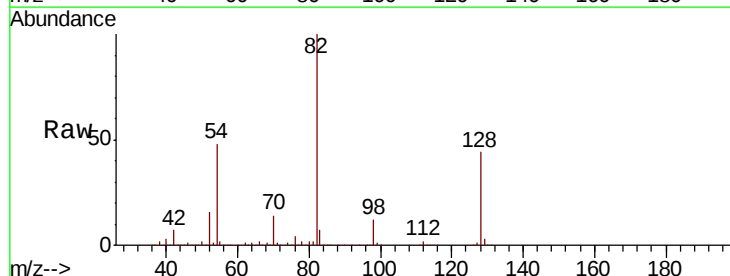


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

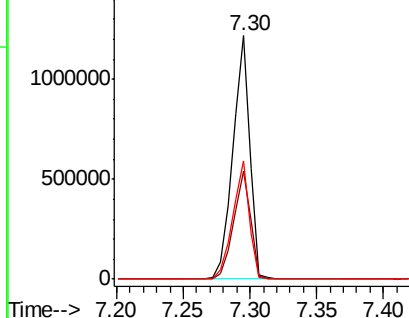
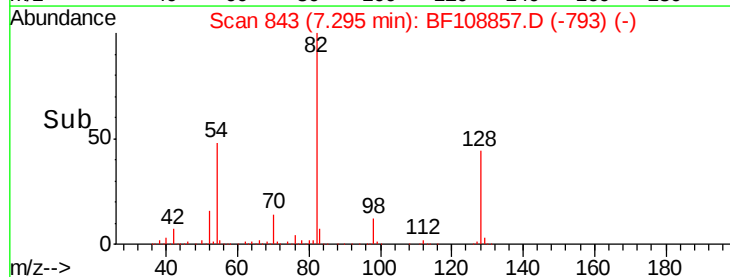


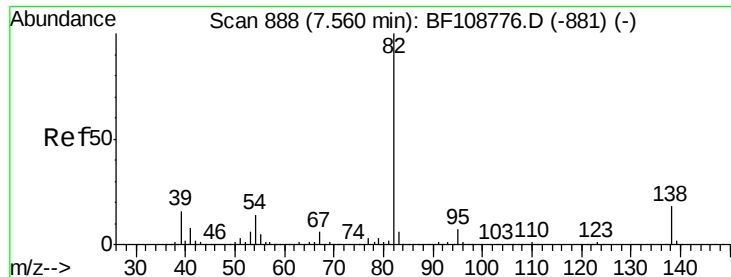
#23
Nitrobenzene-d5
Concen: 82.159 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Tgt Ion: 82	Resp:	1095869
Ion Ratio	Lower	Upper
82	100	
128	44.1	36.1 54.1
54	48.5	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: 40.765 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108857.D

Acq: 7 Sep 2018 13:44

Instrument :

BNA_G

ClientSampleId :

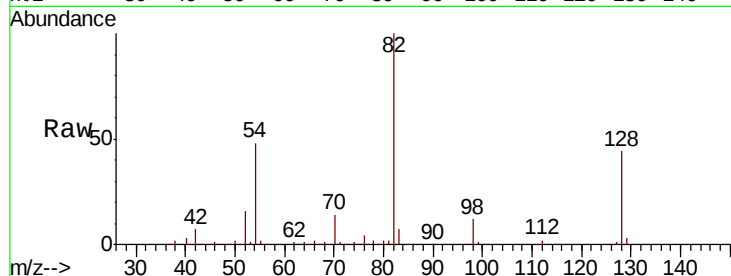
Tot Ion: 82 Resp: 1084594

Ion Ratio Lower Upper

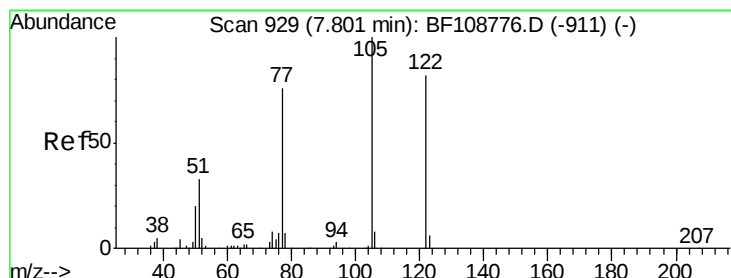
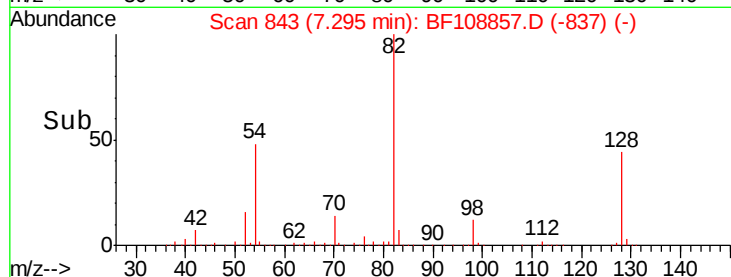
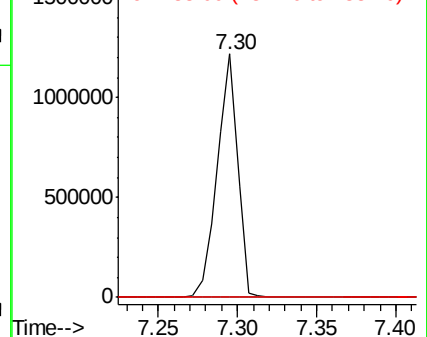
82 100

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: 4.032 ng

RT: 8.01 min Scan# 965

Delta R.T. 0.21 min

Lab File: BF108857.D

Acq: 7 Sep 2018 13:44

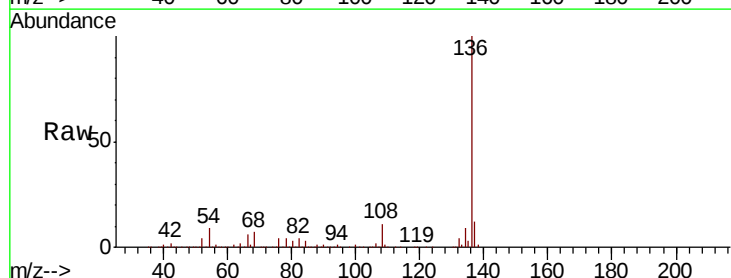
Tgt Ion:122 Resp: 108

Ion Ratio Lower Upper

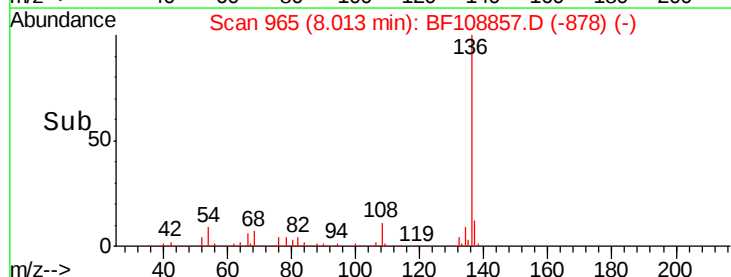
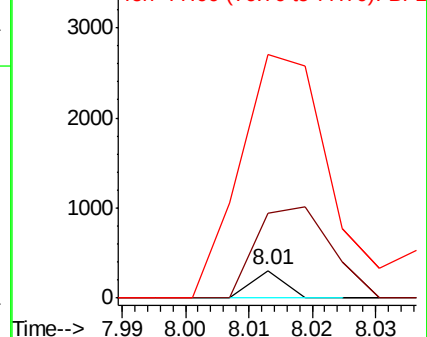
122 100

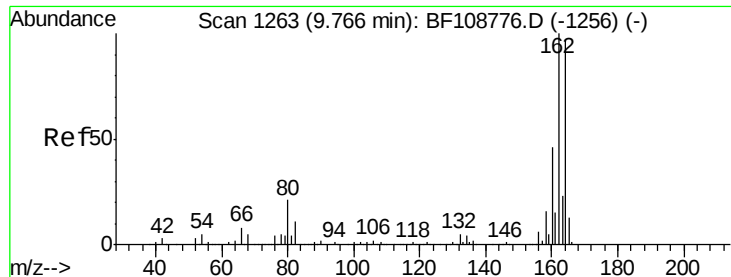
105 309.2 101.1 141.1#

77 885.9 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

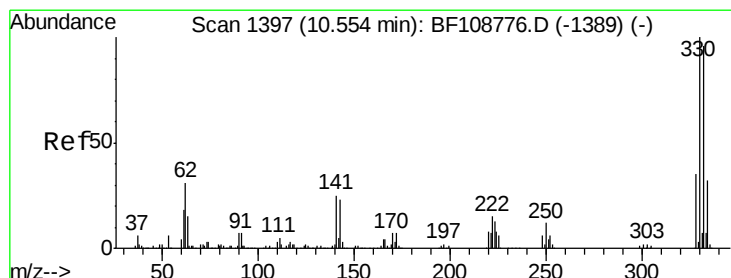
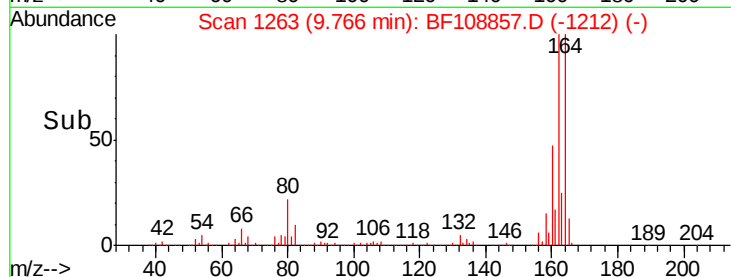
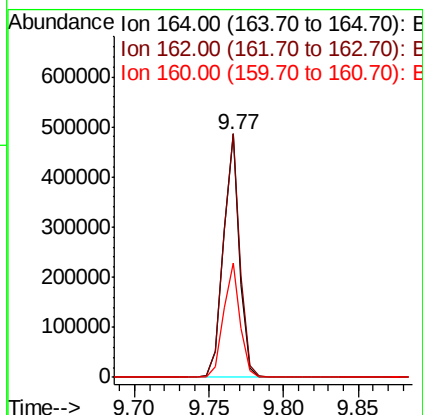
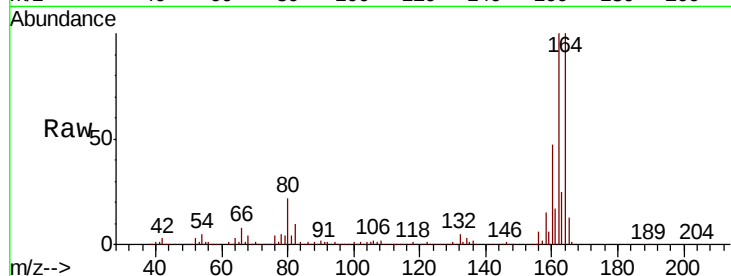




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

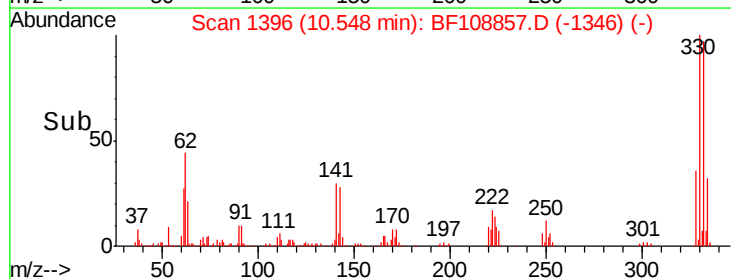
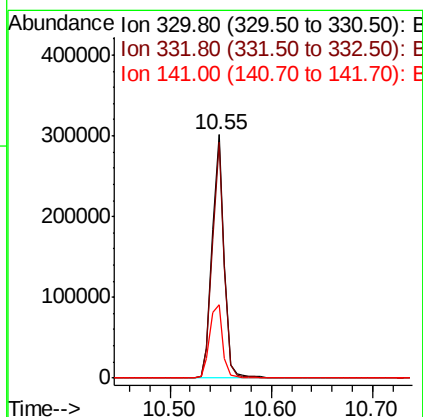
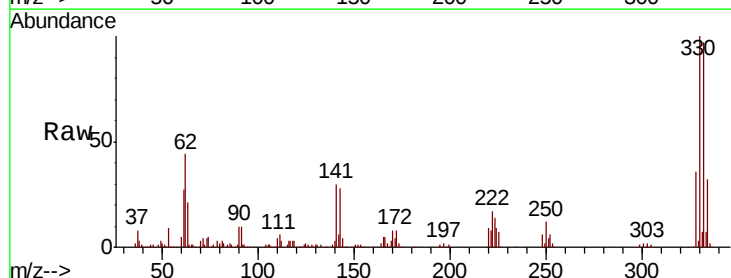
Instrument :
BNA_G
ClientSampleId :

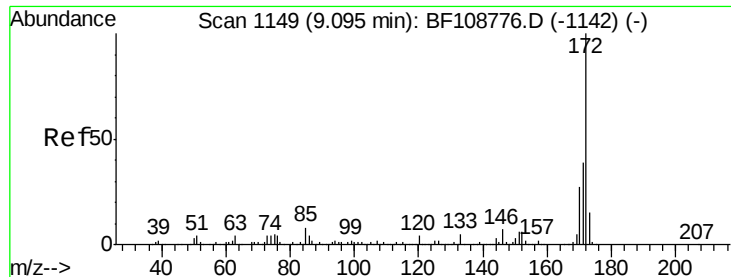
Tot Ion:164 Resp: 368365
Ion Ratio Lower Upper
164 100
162 100.0 86.1 129.1
160 46.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 70.343 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Tgt Ion:330 Resp: 247366
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 33.1 29.9 44.9

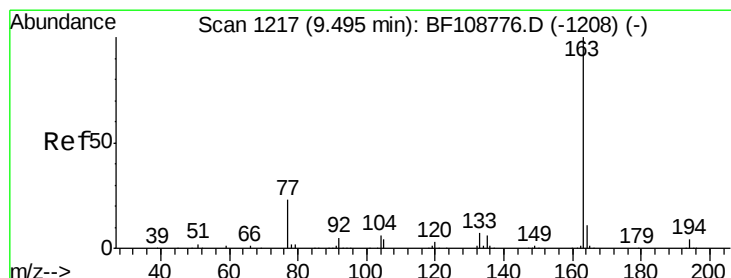
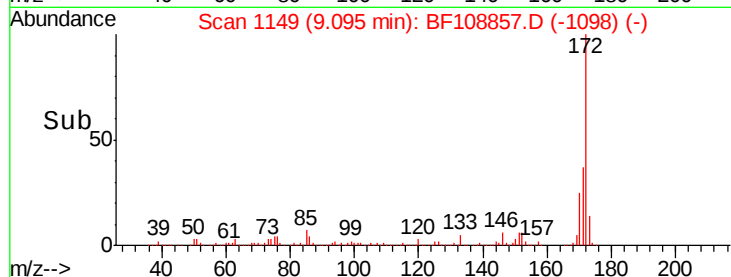
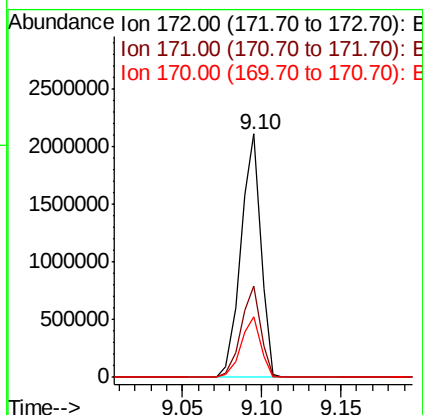
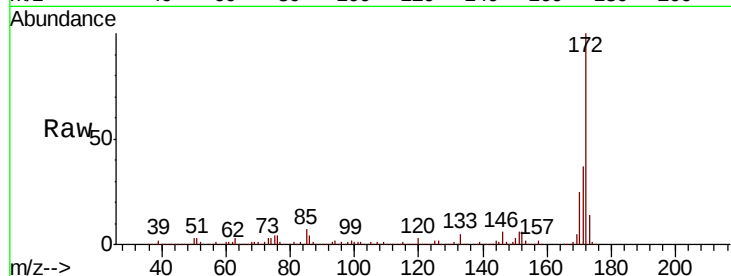




#44
2-Fluorobiphenyl
Concen: 85.208 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

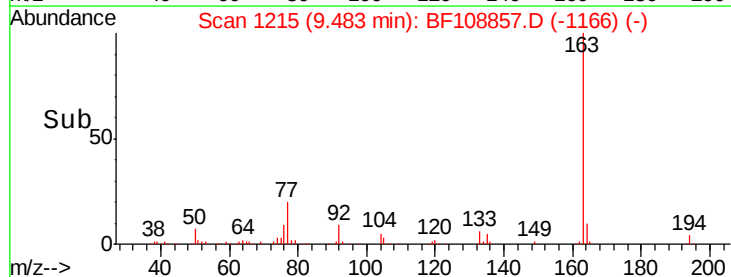
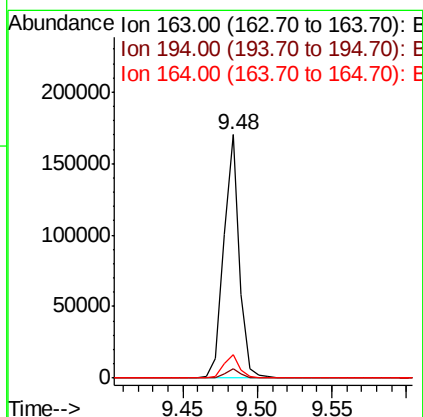
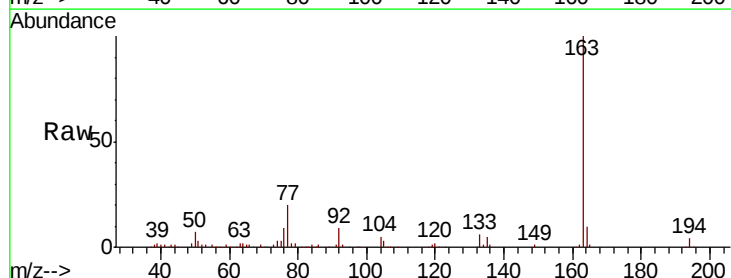
Instrument :
BNA_G
ClientSampleId :

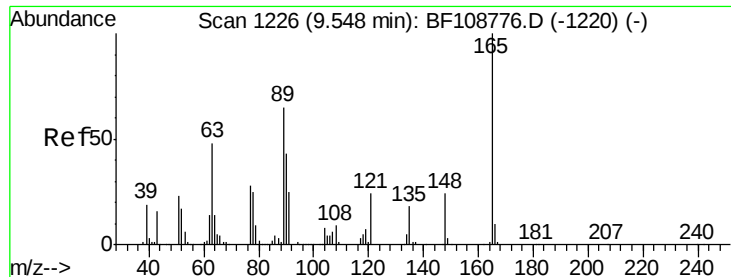
Tot Ion:172 Resp: 1839851
Ion Ratio Lower Upper
172 100
171 37.4 29.7 44.5
170 24.9 19.6 29.4



#49
Dimethylphthalate
Concen: 4.869 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Tgt Ion:163 Resp: 125448
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.8 8.2 12.2

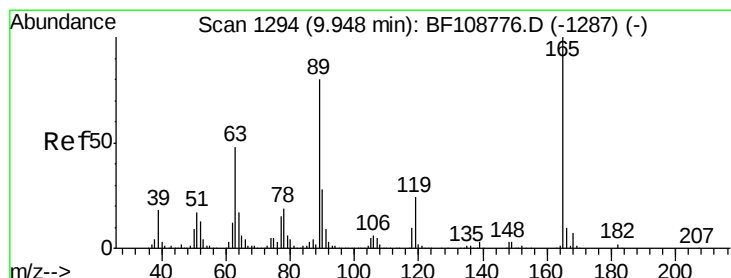
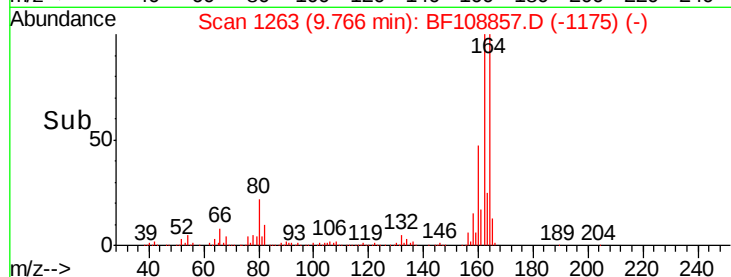
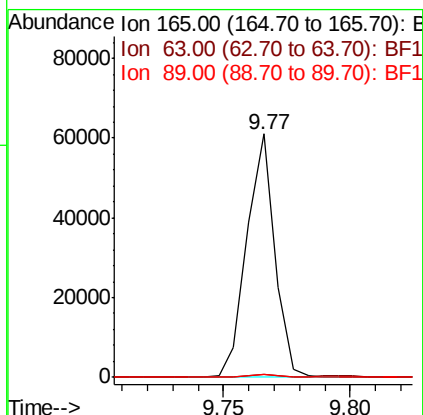
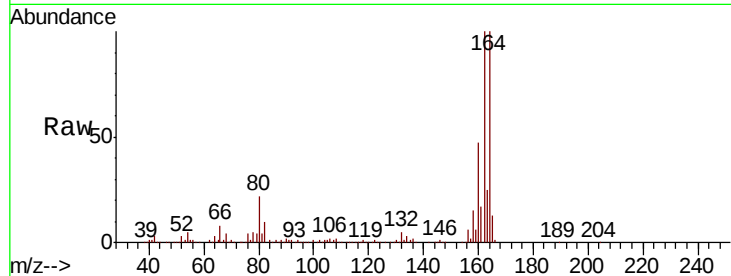




#50
 2,6-Dinitrotoluene
 Concen: 9.558 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.22 min
 Lab File: BF108857.D
 Acq: 7 Sep 2018 13:44

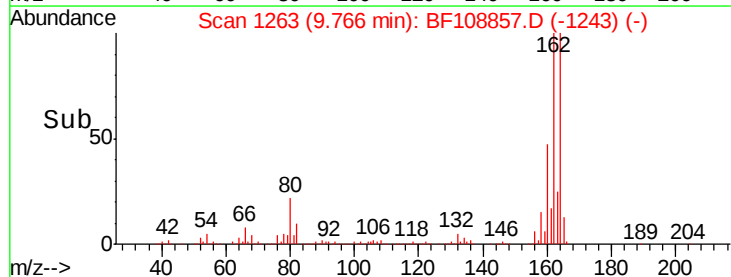
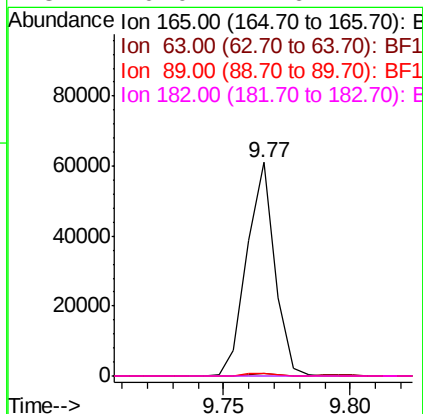
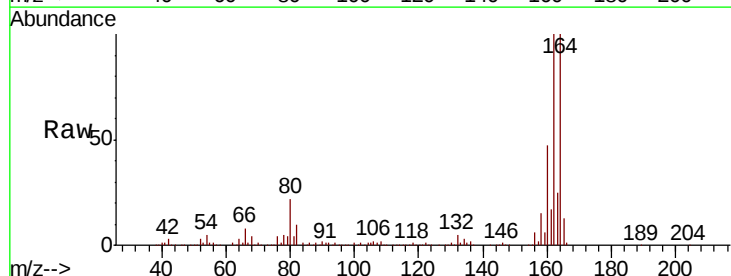
Instrument :
 BNA_G
 ClientSampleId :

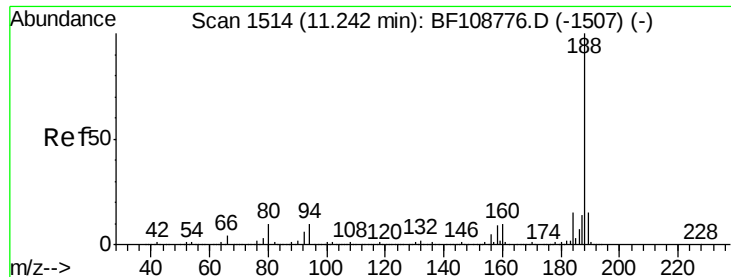
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.474 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108857.D
 Acq: 7 Sep 2018 13:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

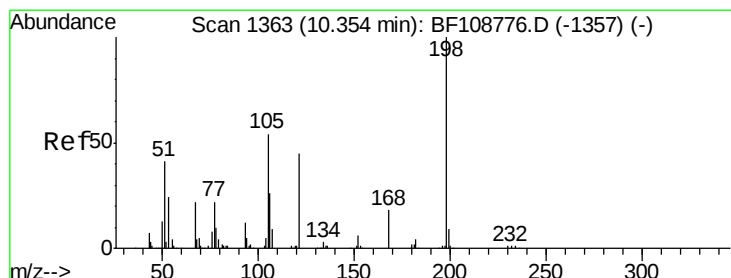
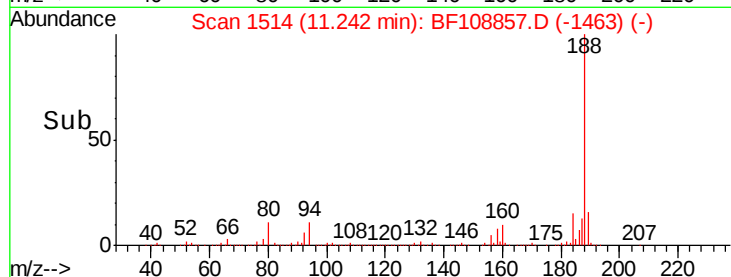
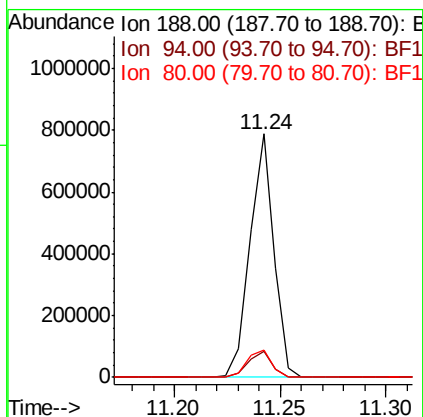
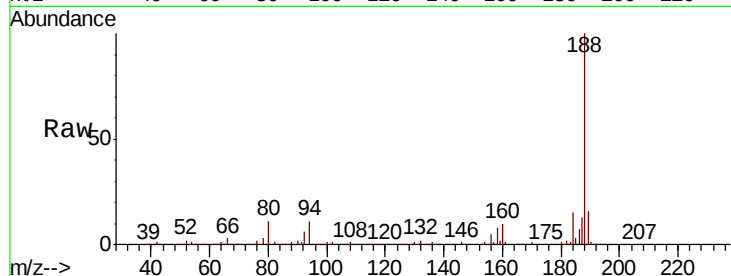




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

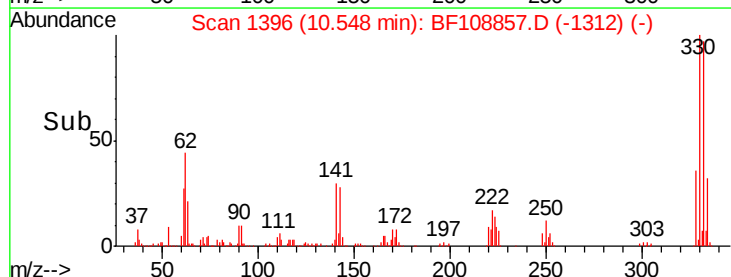
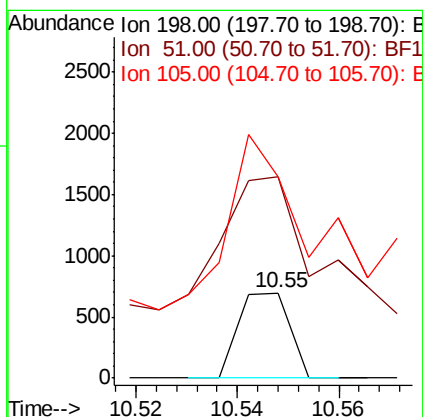
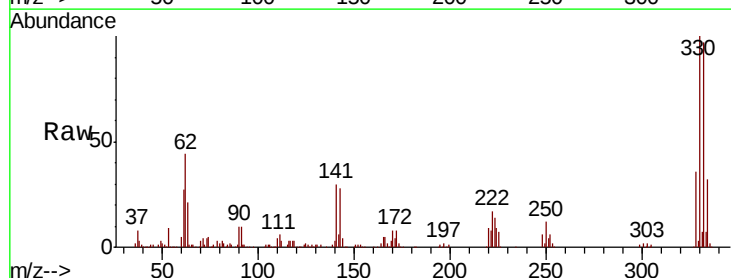
Instrument :
BNA_G
ClientSampled :

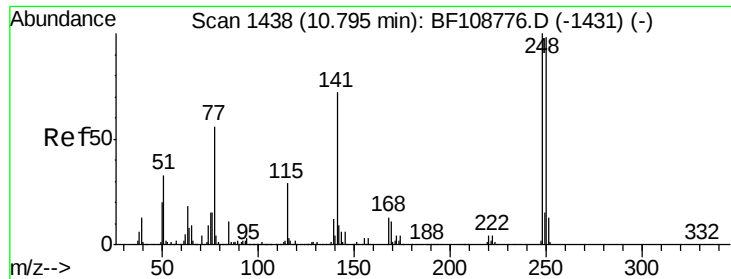
Tot Ion:188 Resp: 620047
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.039 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Tgt Ion:198 Resp: 485
Ion Ratio Lower Upper
198 100
51 236.1 37.7 77.7#
105 236.4 36.3 76.3#

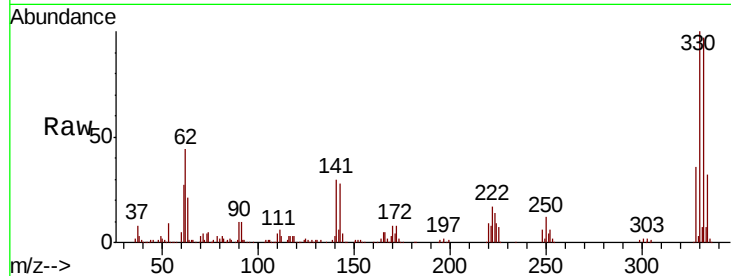




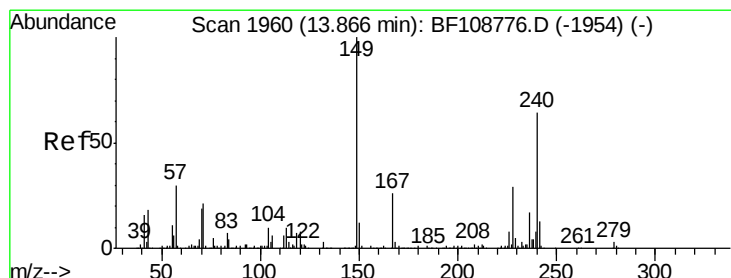
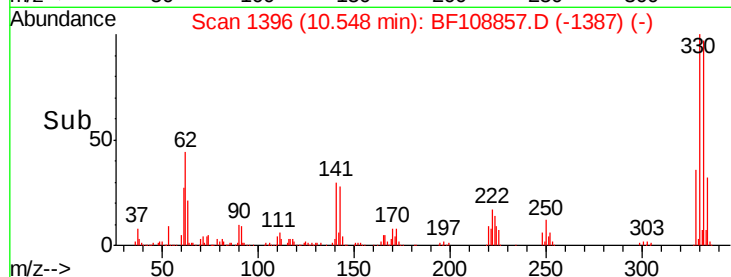
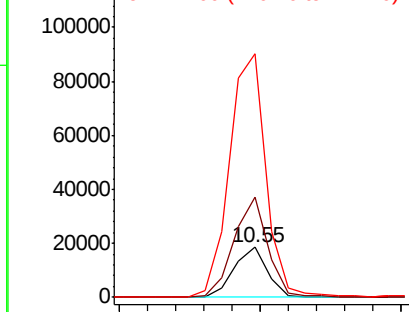
#66
4-Bromophenyl-phenylether
Concen: 2.175 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15232
Ion Ratio Lower Upper
248 100
250 200.4 76.9 115.3#
141 487.5 74.4 111.6#

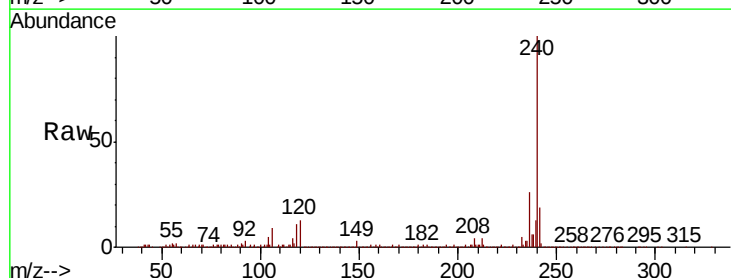


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

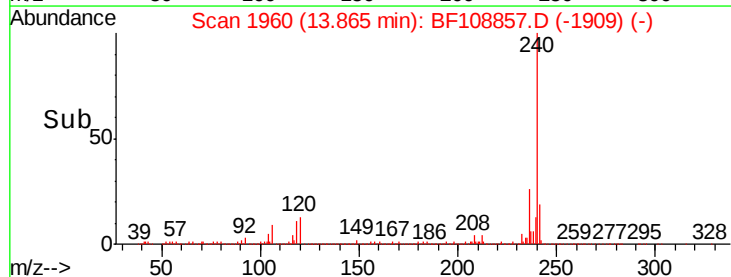
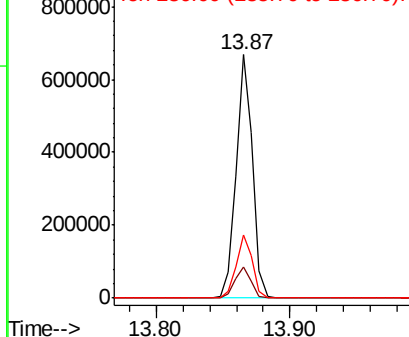


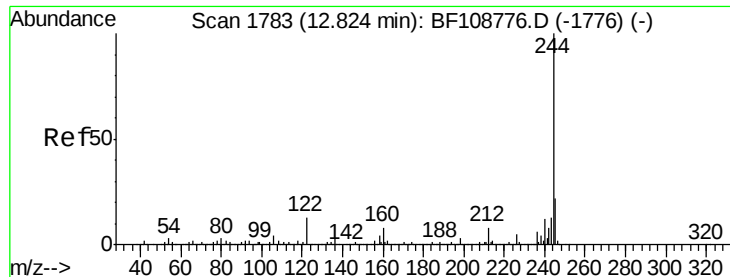
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108857.D
Acq: 7 Sep 2018 13:44

Tgt Ion:240 Resp: 572042
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.9 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: 66.390 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108857.D

Acq: 7 Sep 2018 13:44

Instrument :

BNA_G

ClientSampleId :

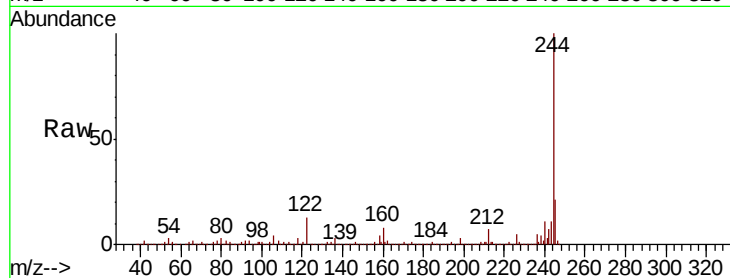
Tot Ion:244 Resp: 1628633

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

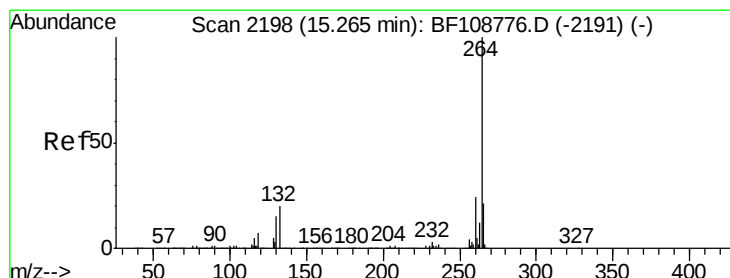
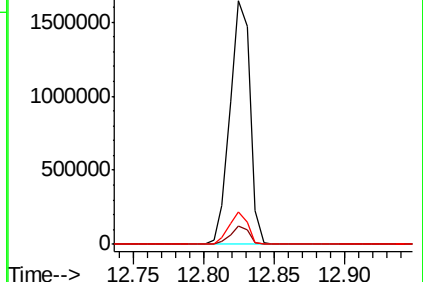
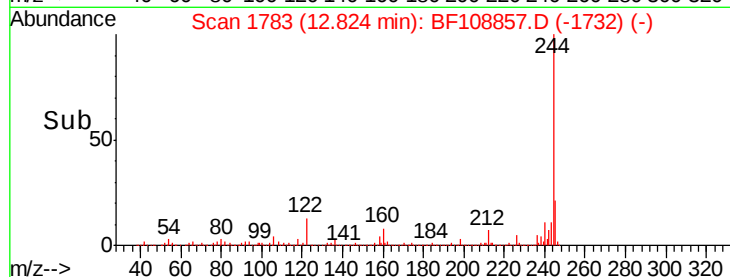
122 13.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF108857.D

Acq: 7 Sep 2018 13:44

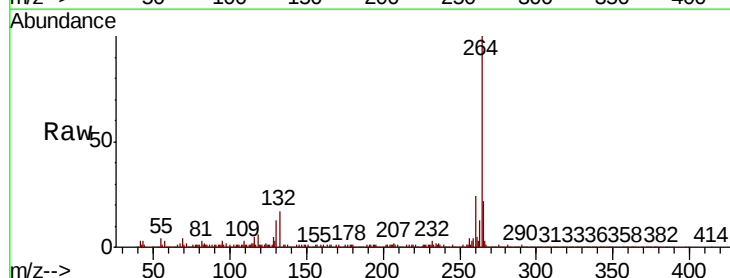
Tgt Ion:264 Resp: 508850

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.0 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

