

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108856.D
 Acq On : 7 Sep 2018 13:18
 Operator : JU/SJ
 Sample : J4803-14RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 14:22:29 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

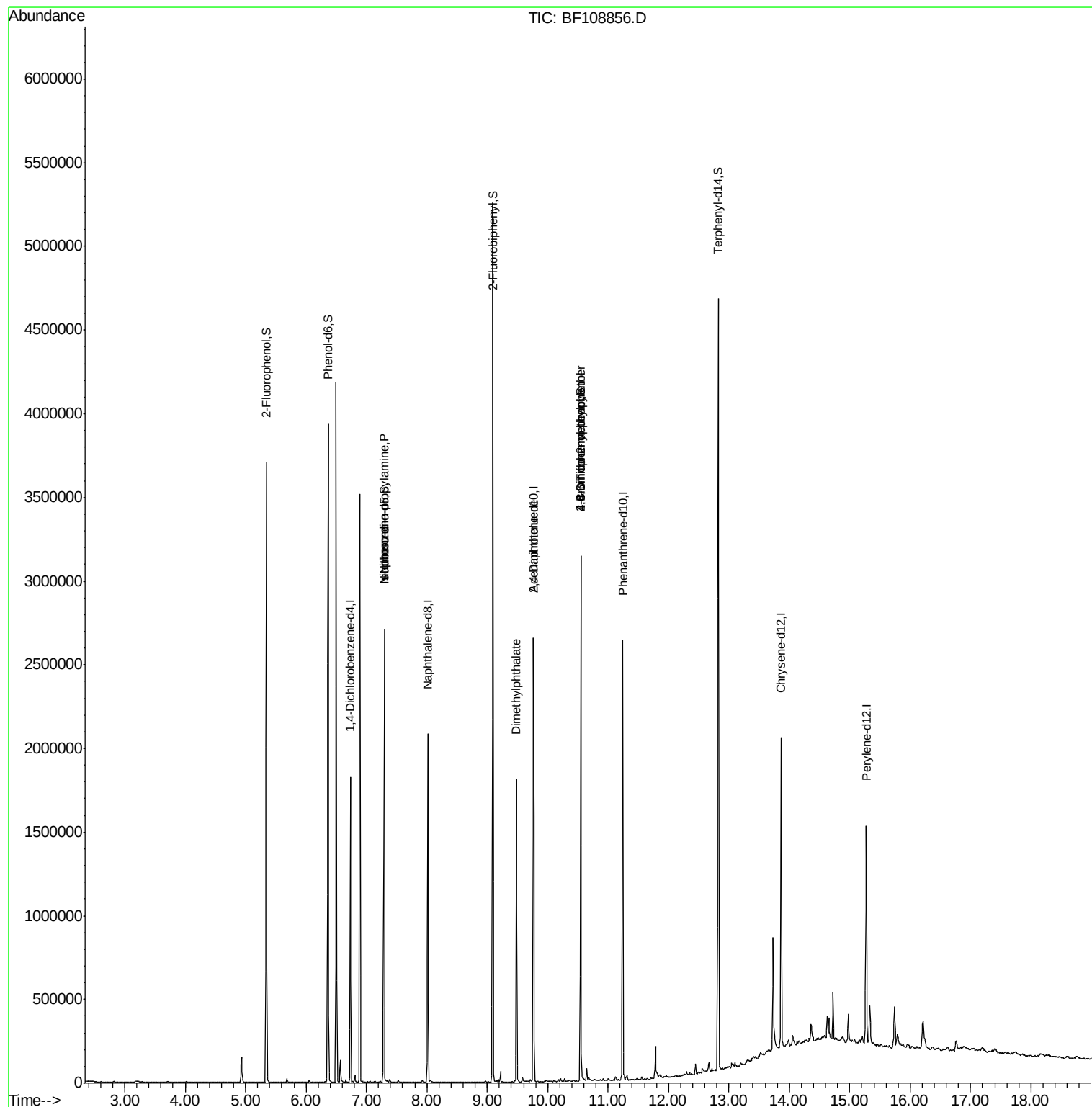
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	246236	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	972125	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	479701	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	883048	20.00	ng	0.00
75) Chrysene-d12	13.87	240	561707	20.00	ng	0.00
86) Perylene-d12	15.27	264	585223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1126393	75.78	ng	0.01
7) Phenol-d6	6.37	99	1505079	78.70	ng	0.00
23) Nitrobenzene-d5	7.30	82	949973	61.15	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	346204	75.60	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1687667	60.02	ng	0.00
78) Terphenyl-d14	12.82	244	1501031	62.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	127776	9.612	ng	# 75
25) Isophorone	7.30	82	940734	30.361	ng	# 64
49) Dimethylphthalate	9.48	163	648396	19.325	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	61451	7.516	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	842	7.076	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	21739	2.180	ng	# 1

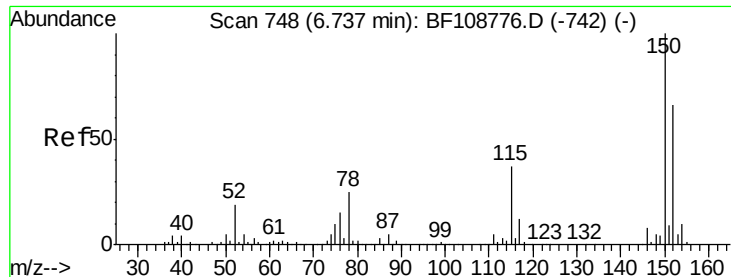
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



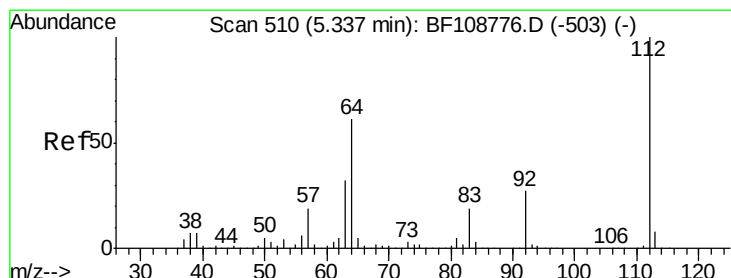
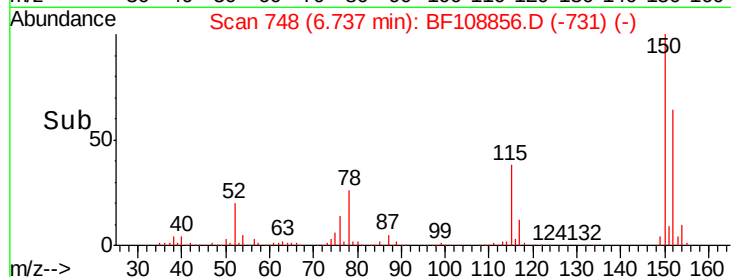
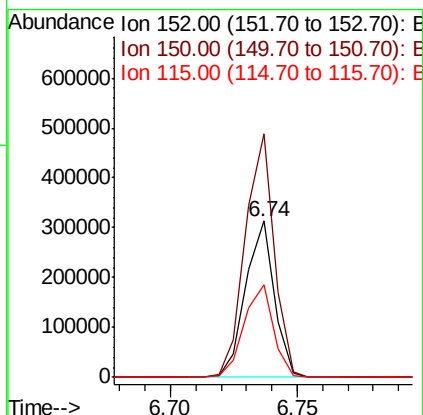
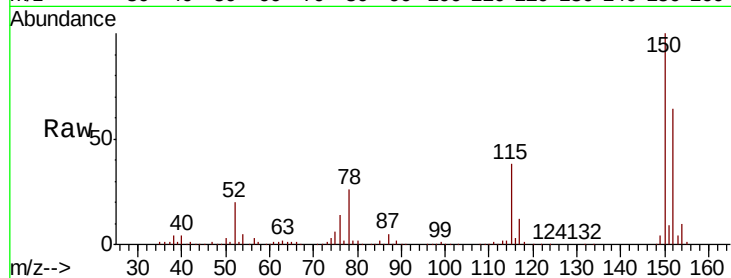


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108856.D
Acq: 7 Sep 2018 13:18

Instrument :
BNA_G
ClientSampleId :

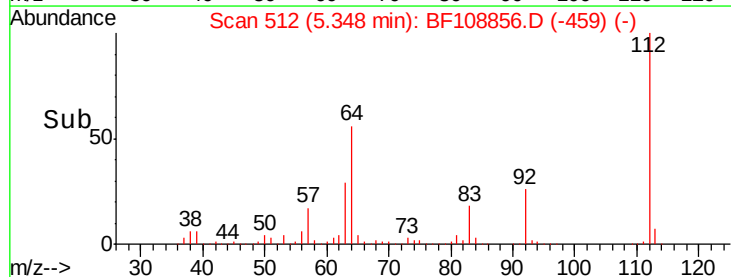
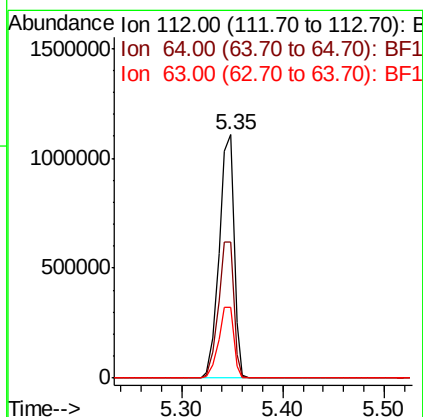
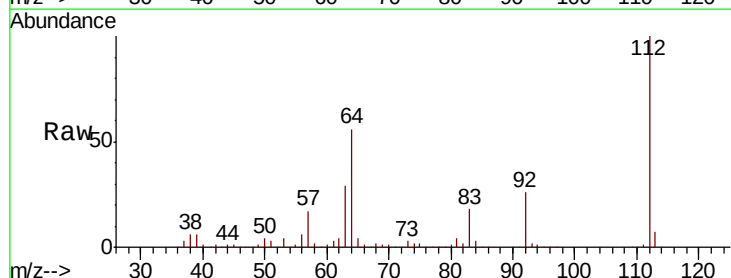
Tot Ion:152 Resp: 246236
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 59.3 50.1 75.1

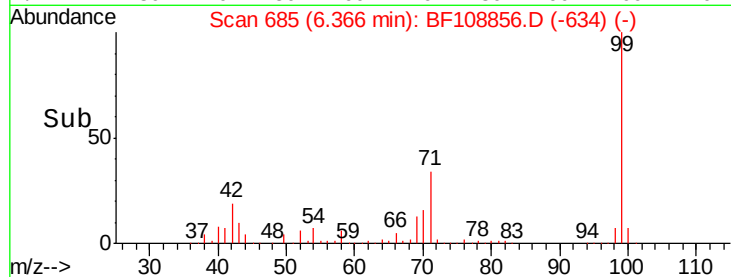
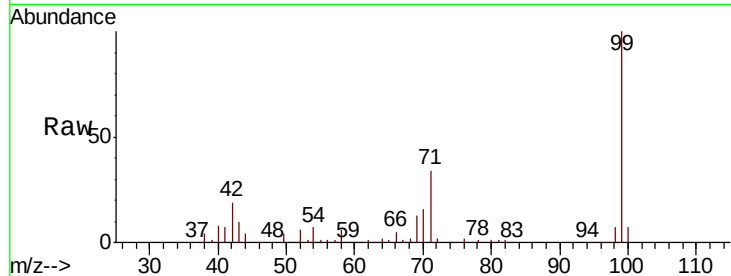
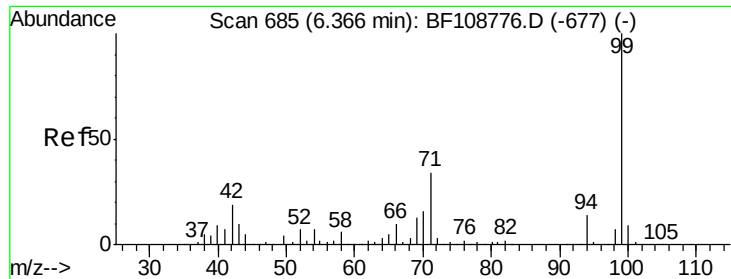


#5

2-Fluorophenol
Concen: 75.783 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108856.D
Acq: 7 Sep 2018 13:18

Tgt Ion:112 Resp: 1126393
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 29.2 23.7 35.5





#7

Phenol-d6

Concen: 78.701 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108856.D

Acq: 7 Sep 2018 13:18

Instrument :

BNA_G

ClientSampleId :

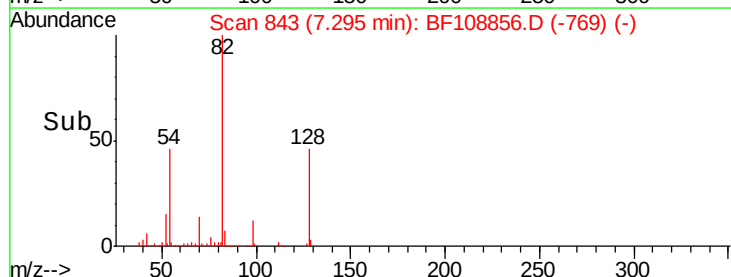
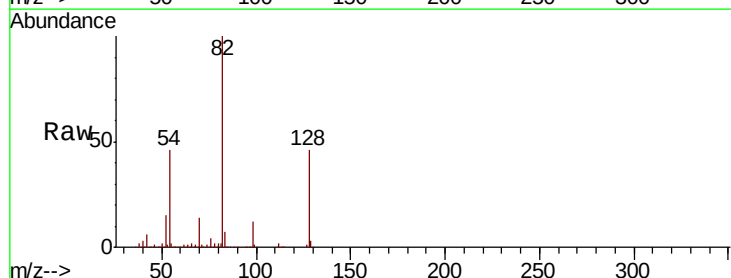
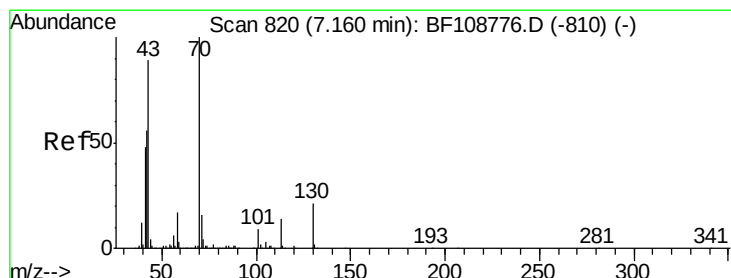
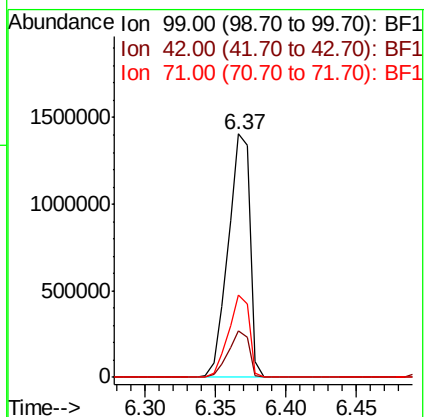
Tot Ion: 99 Resp: 1505079

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 33.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.612 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108856.D

Acq: 7 Sep 2018 13:18

Tgt Ion: 70 Resp: 127776

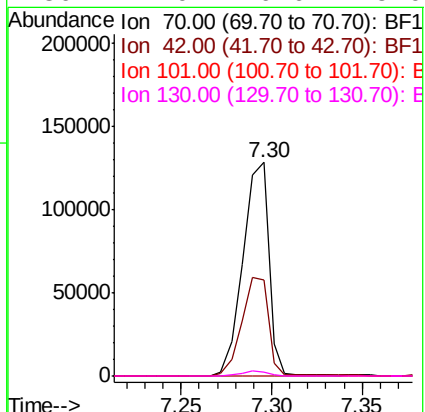
Ion Ratio Lower Upper

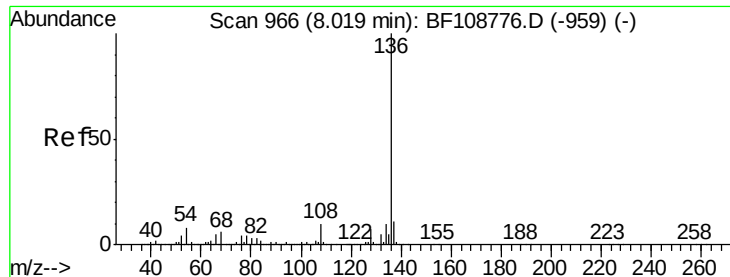
70 100

42 44.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

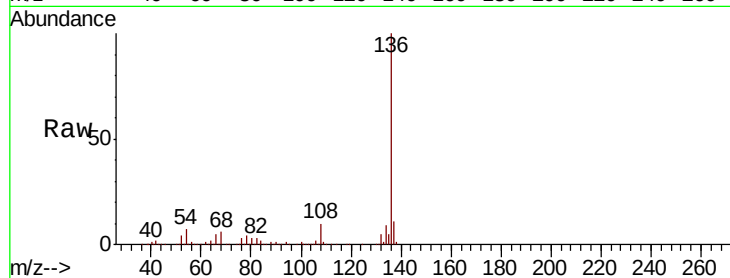




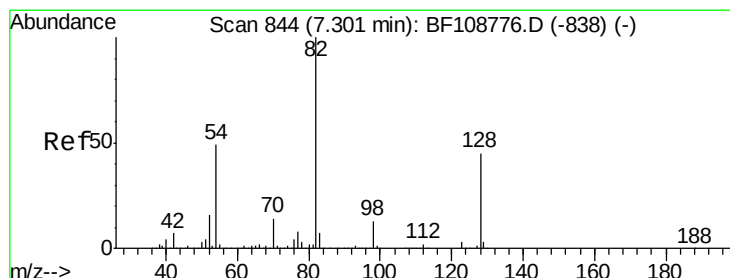
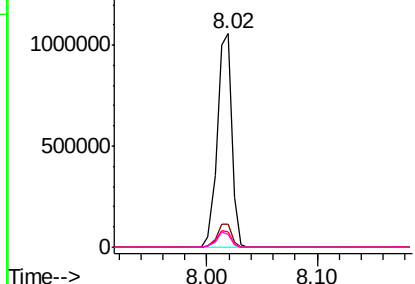
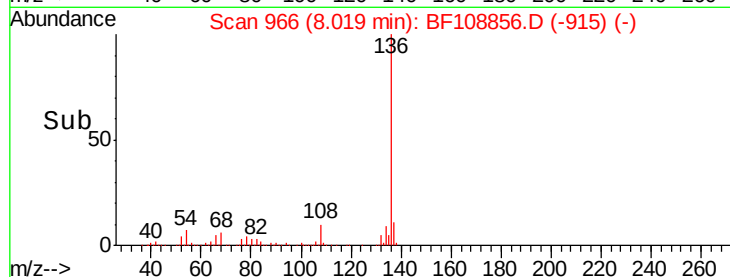
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108856.D
Acq: 7 Sep 2018 13:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	972125
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 7.0	6.6	9.8
68 6.2	5.0	7.4

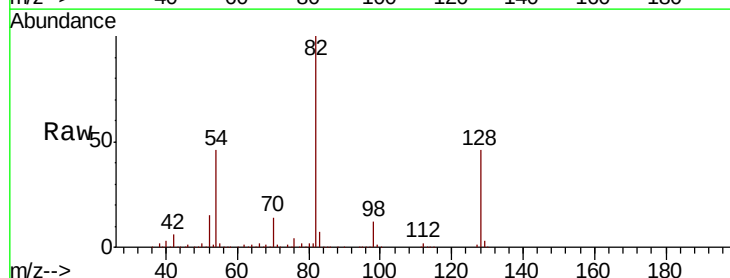


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

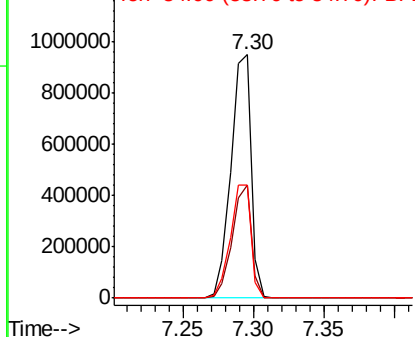
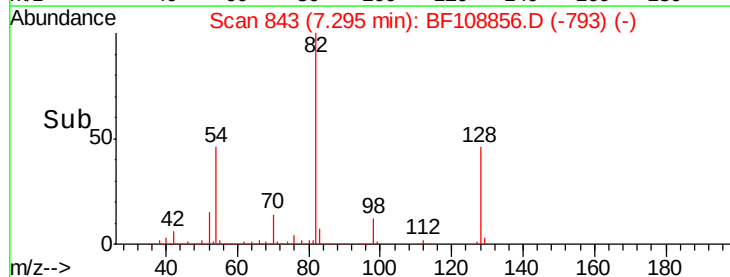


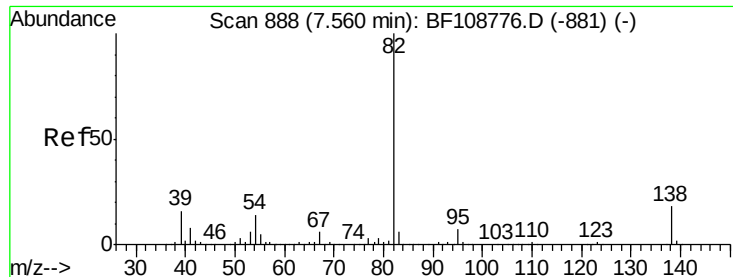
#23
Nitrobenzene-d5
Concen: 61.155 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108856.D
Acq: 7 Sep 2018 13:18

Tgt	Ion: 82	Resp:	949973
Ion	Ratio	Lower	Upper
82	100		
128	46.3	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: 30.361 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108856.D

Acq: 7 Sep 2018 13:18

Instrument :

BNA_G

ClientSampleId :

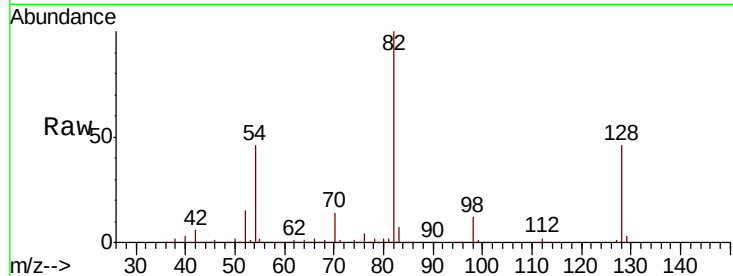
Tot Ion: 82 Resp: 940734

Ion Ratio Lower Upper

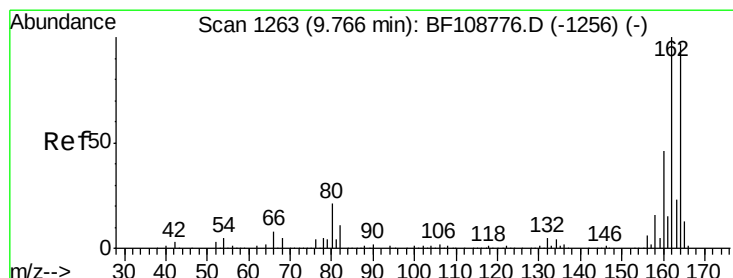
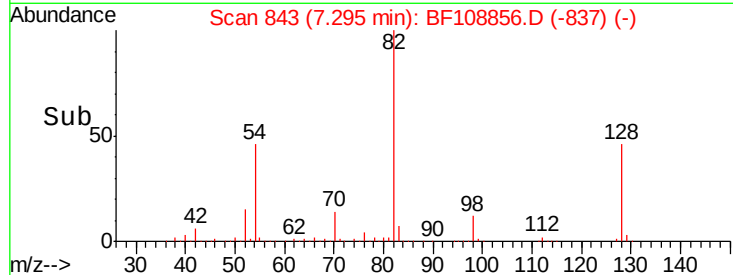
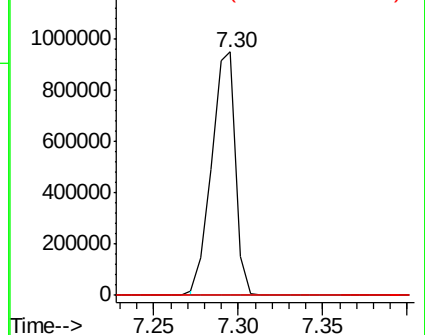
82 100

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: 9.77 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF108856.D

Acq: 7 Sep 2018 13:18

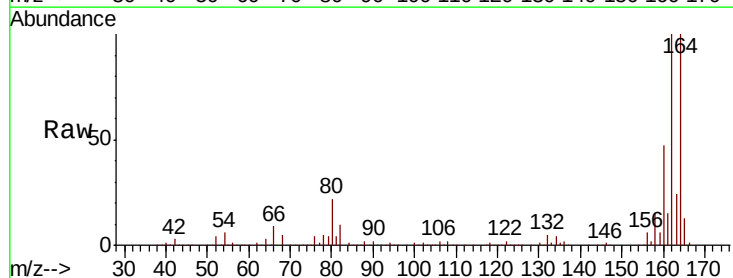
Tgt Ion: 164 Resp: 479701

Ion Ratio Lower Upper

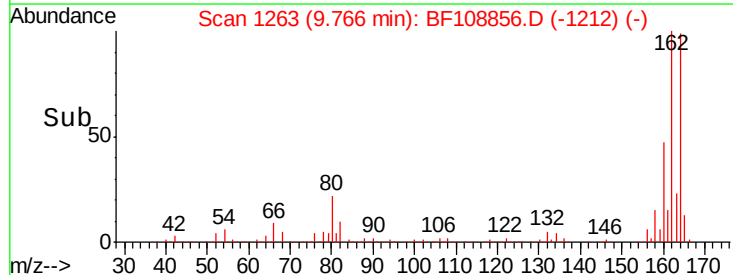
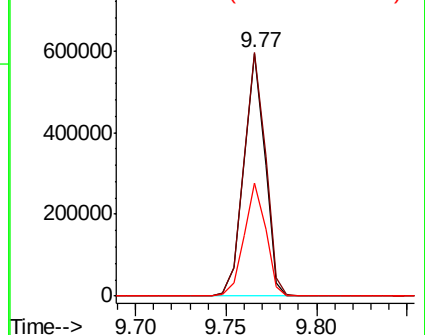
164 100

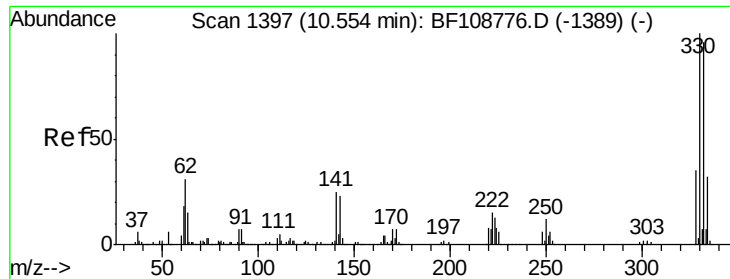
162 100.4 86.1 129.1

160 46.7 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

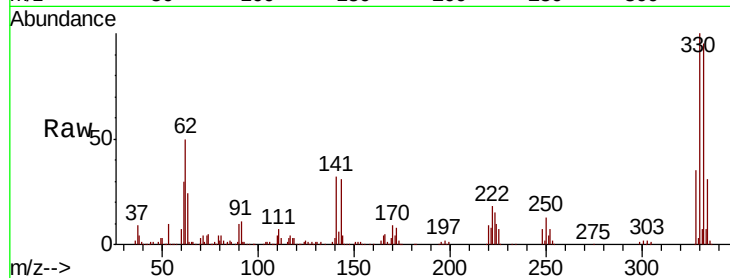




#41
 2,4,6-Tribromophenol
 Concen: 75.599 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108856.D
 Acq: 7 Sep 2018 13:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.2	29.9	44.9

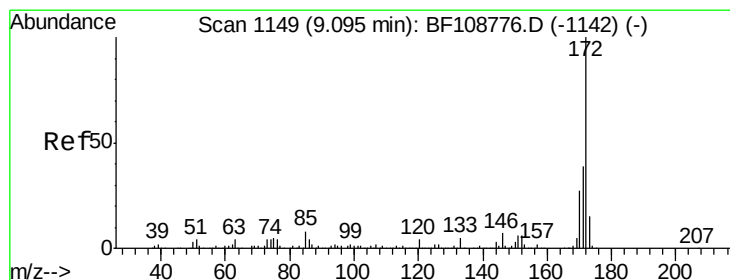
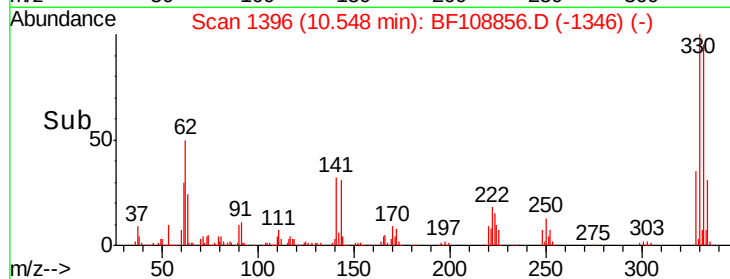
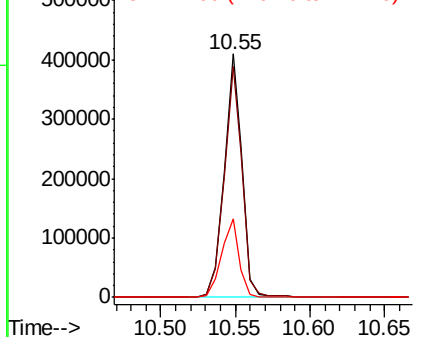


Abundance

Ion 329.80 (329.50 to 330.50): E

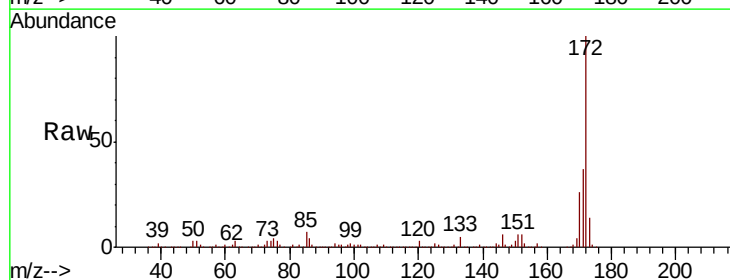
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.019 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108856.D
 Acq: 7 Sep 2018 13:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	25.7	19.6	29.4

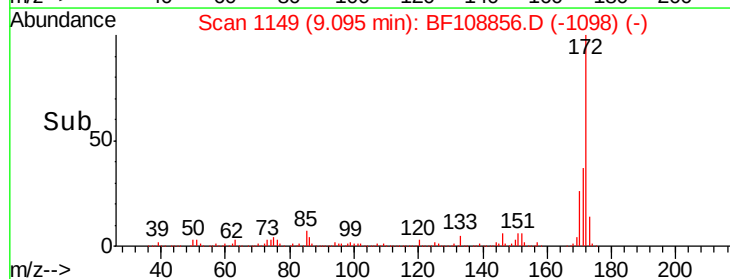
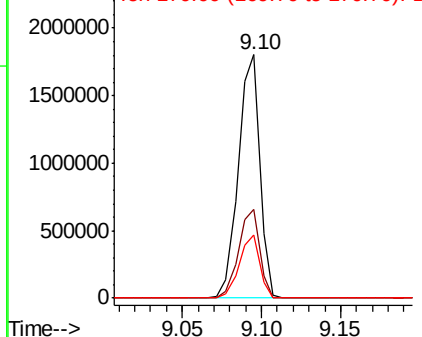


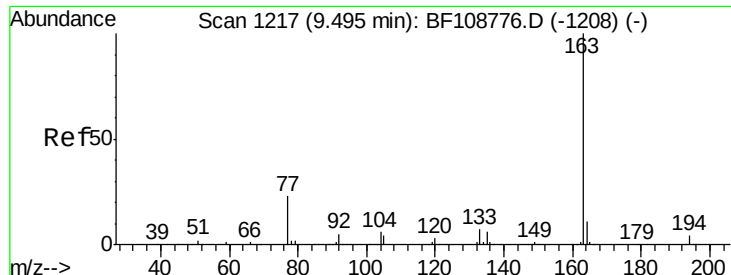
Abundance

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

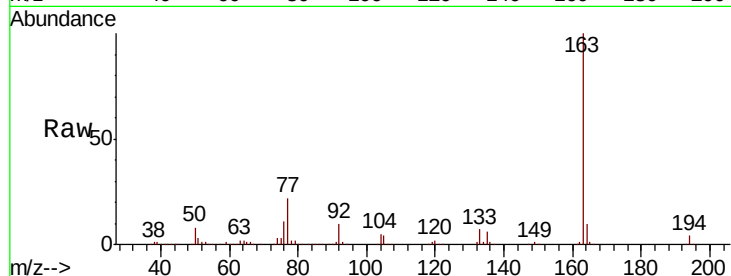




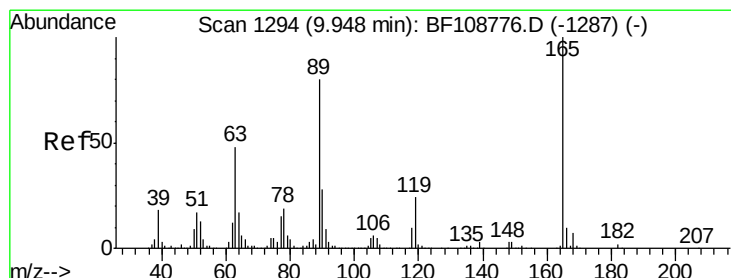
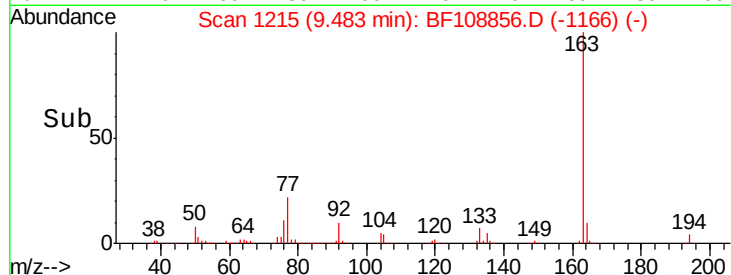
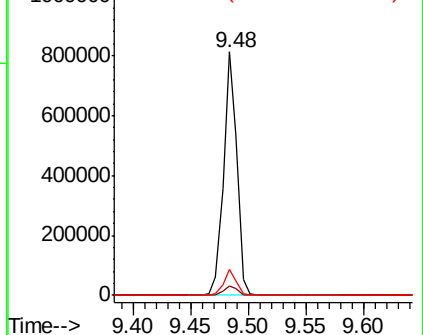
#49
Dimethylphthalate
Concen: 19.325 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108856.D
Acq: 7 Sep 2018 13:18

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 648396
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.5 8.2 12.2

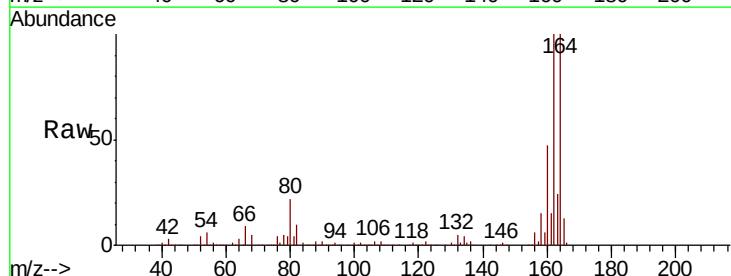


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

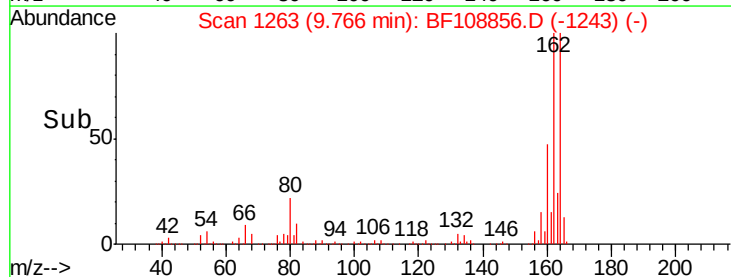
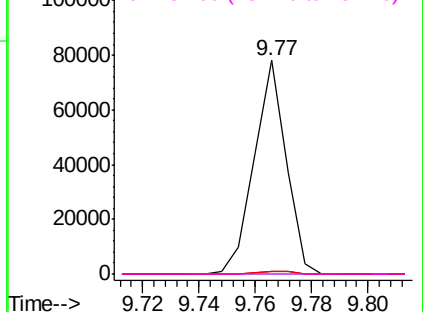


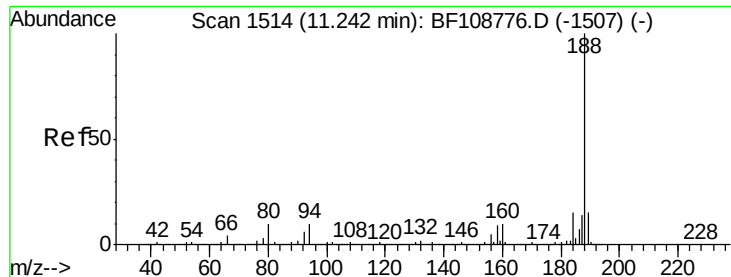
#56
2,4-Dinitrotoluene
Concen: 7.516 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108856.D
Acq: 7 Sep 2018 13:18

Tgt Ion:165 Resp: 61451
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#



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

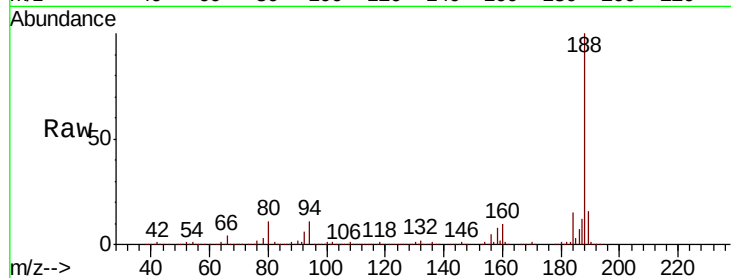




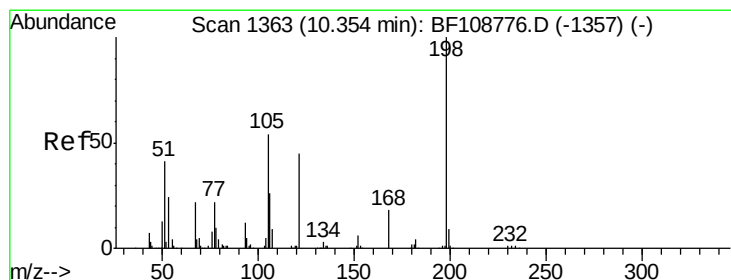
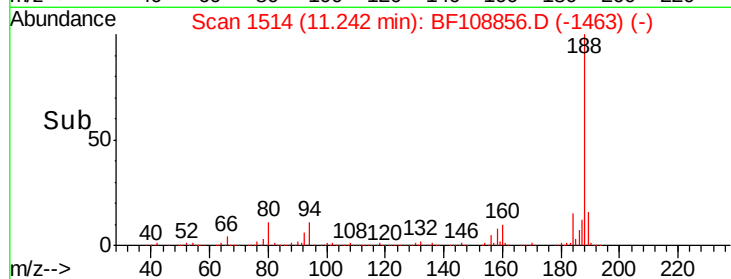
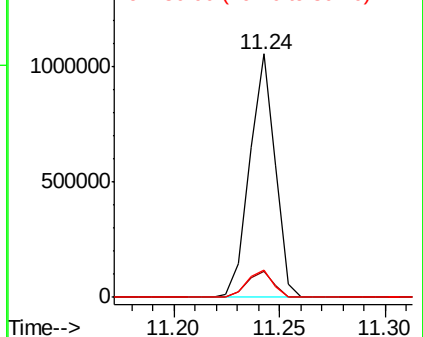
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108856.D
Acq: 7 Sep 2018 13:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 883048
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.3 9.2 13.8

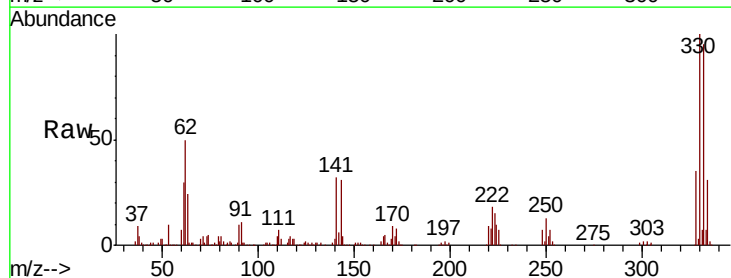


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

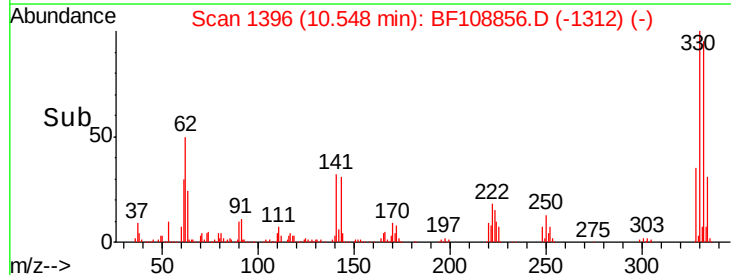
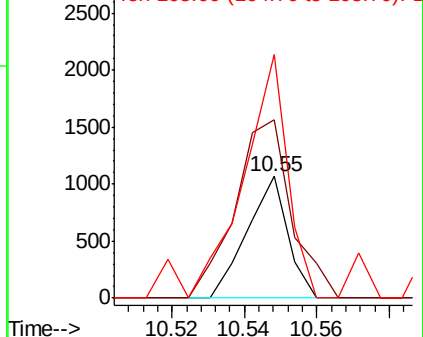


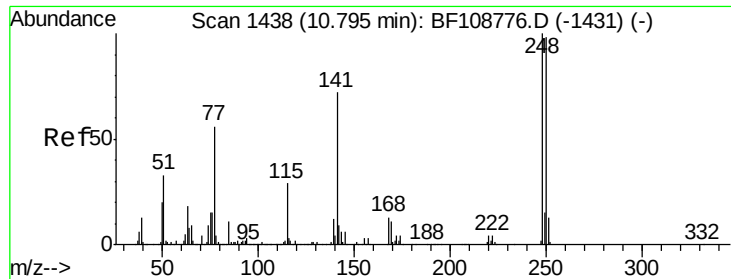
#64
4,6-Dinitro-2-methylphenol
Concen: 7.076 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108856.D
Acq: 7 Sep 2018 13:18

Tgt Ion:198 Resp: 842
Ion Ratio Lower Upper
198 100
51 146.9 37.7 77.7#
105 200.5 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

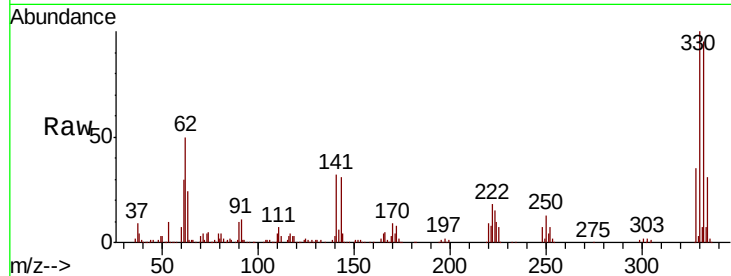




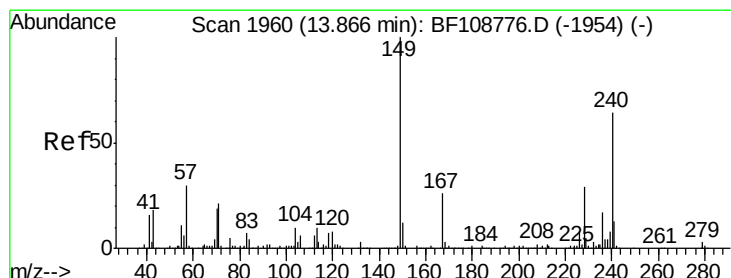
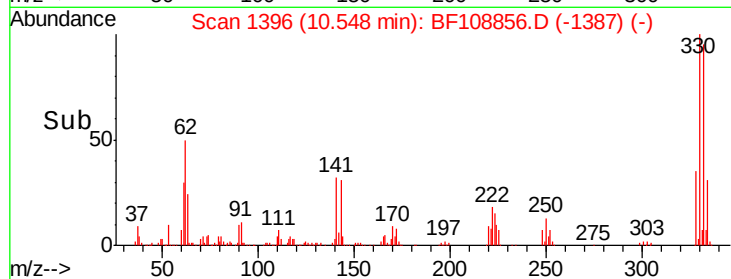
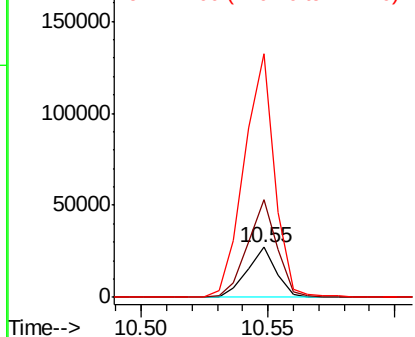
#66
4-Bromophenyl-phenylether
Concen: 2.180 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108856.D
Acq: 7 Sep 2018 13:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 21739
Ion Ratio Lower Upper
248 100
250 196.2 76.9 115.3#
141 488.5 74.4 111.6#

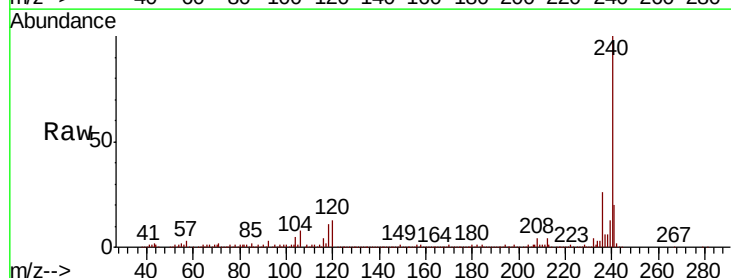


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

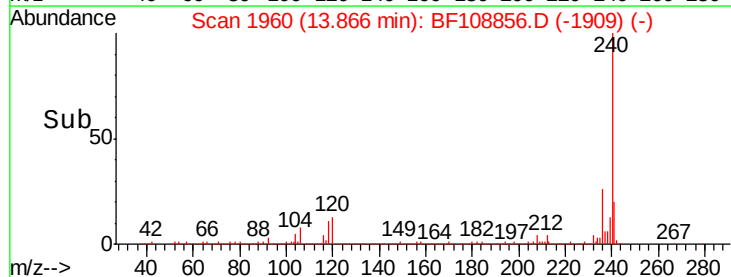
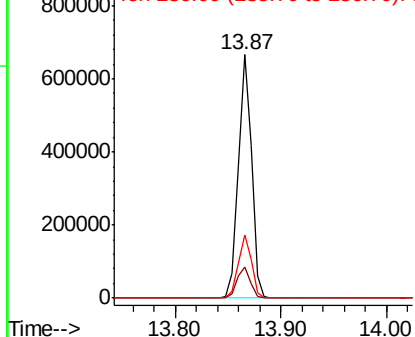


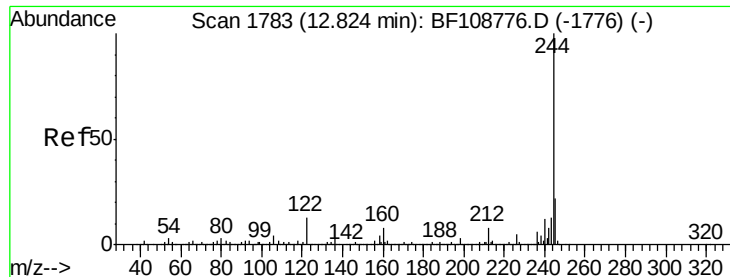
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BF108856.D
Acq: 7 Sep 2018 13:18

Tgt Ion:240 Resp: 561707
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.8 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

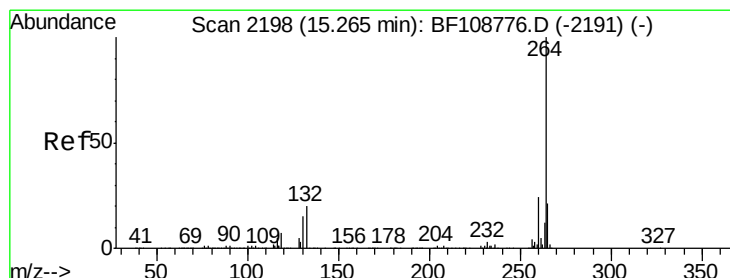
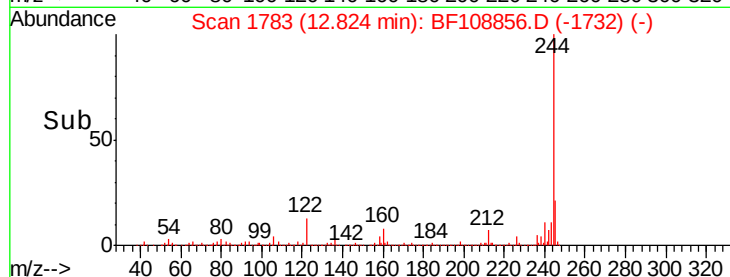
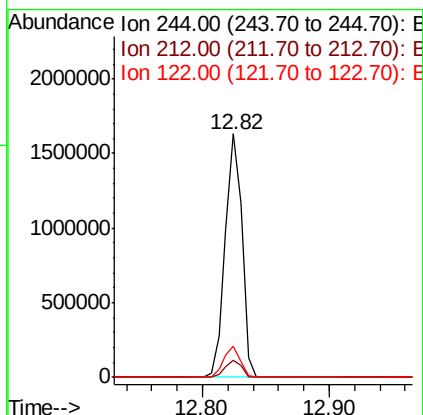
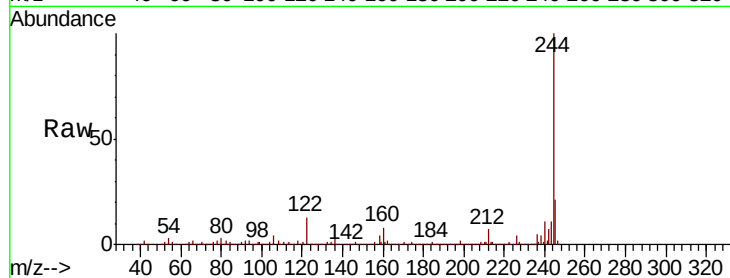




#78
 Terphenyl-d14
 Concen: 62.315 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108856.D
 Acq: 7 Sep 2018 13:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1501031
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108856.D
 Acq: 7 Sep 2018 13:18

Tgt Ion:264 Resp: 585223
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.1 17.5 26.3

