

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108854.D
 Acq On : 7 Sep 2018 12:24
 Operator : JU/SJ
 Sample : J4803-16RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 13:19:35 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	268862	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	1037420	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	505817	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	896874	20.00	ng	0.00
75) Chrysene-d12	13.87	240	590713	20.00	ng	0.00
86) Perylene-d12	15.28	264	601899	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1149249	70.81	ng	0.01
7) Phenol-d6	6.37	99	1520669	72.82	ng	0.00
23) Nitrobenzene-d5	7.30	82	947063	57.13	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	346166	71.69	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1624456	54.79	ng	0.00
78) Terphenyl-d14	12.82	244	1355921	53.53	ng	0.00

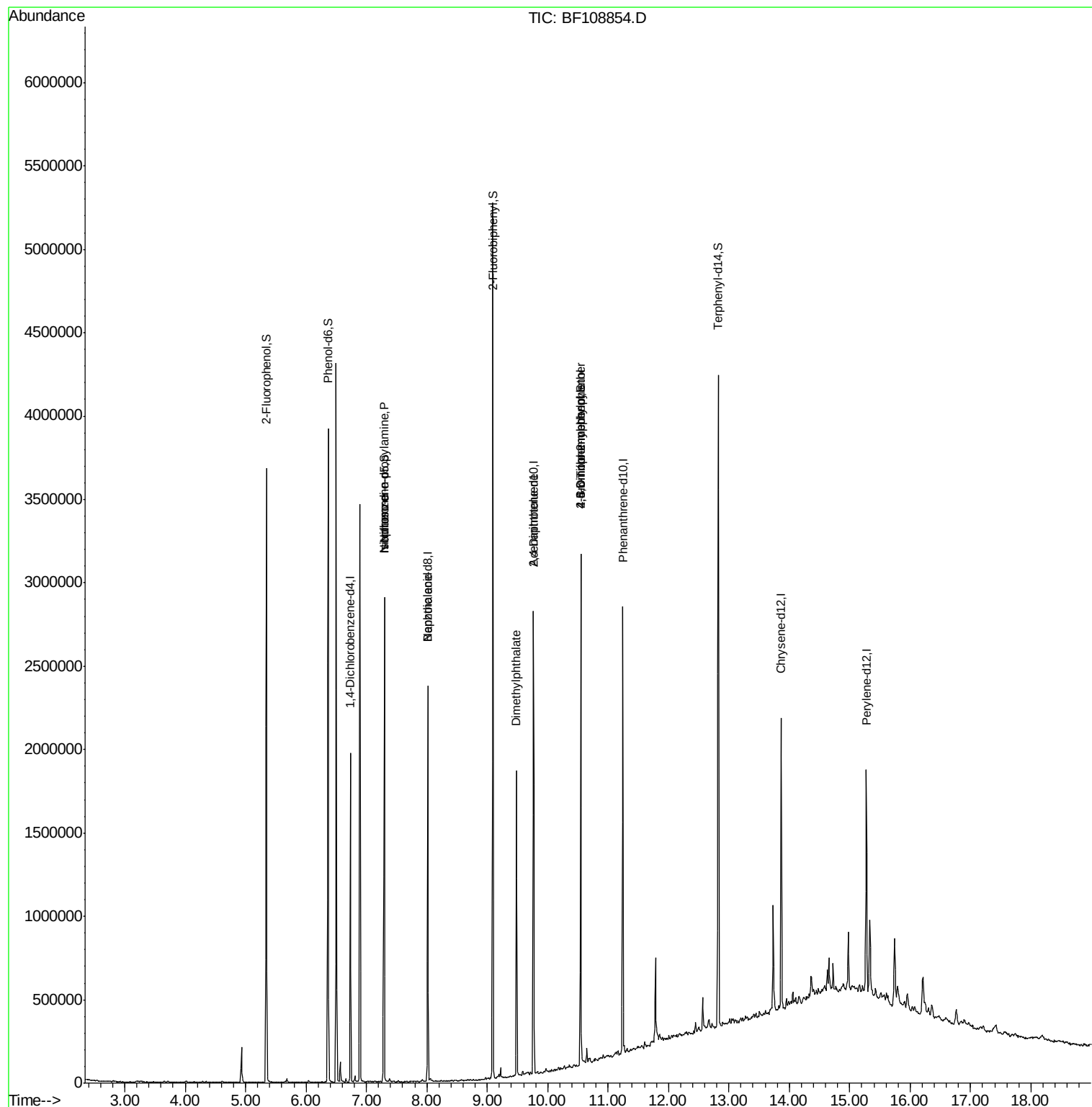
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	128457	8.850	ng	# 77
25) Isophorone	7.30	82	938871	28.394	ng	# 64
32) Benzoic acid	8.02	122	117	4.030	ng	# 1
49) Dimethylphthalate	9.48	163	655645	18.532	ng	99
56) 2,4-Dinitrotoluene	9.77	165	66103	7.668	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	795	7.062	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	20844	2.058	ng	# 1

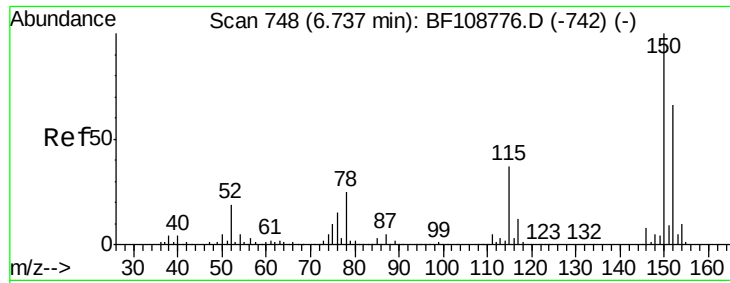
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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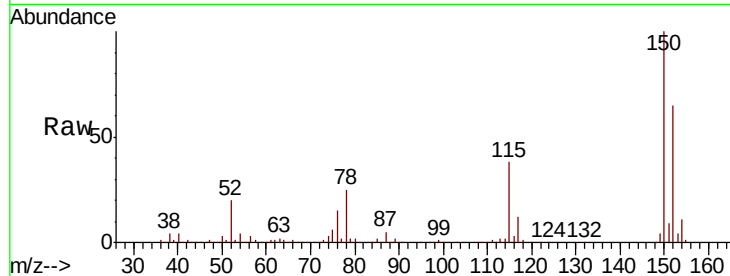


#1

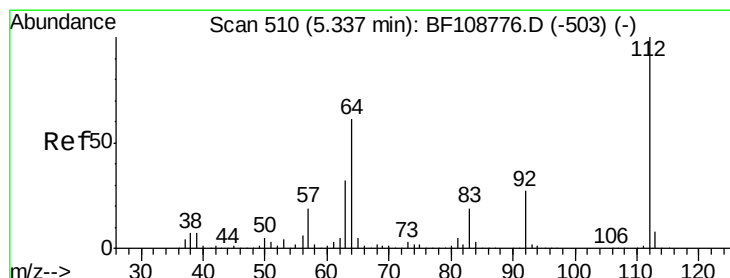
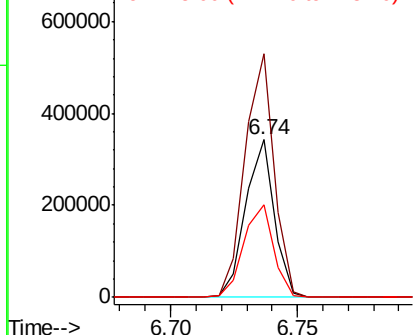
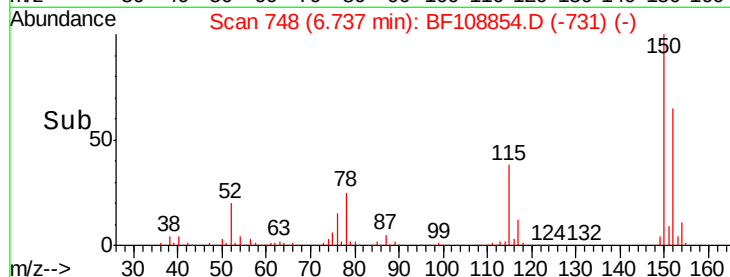
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108854.D
Acq: 7 Sep 2018 12:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 268862
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 58.8 50.1 75.1



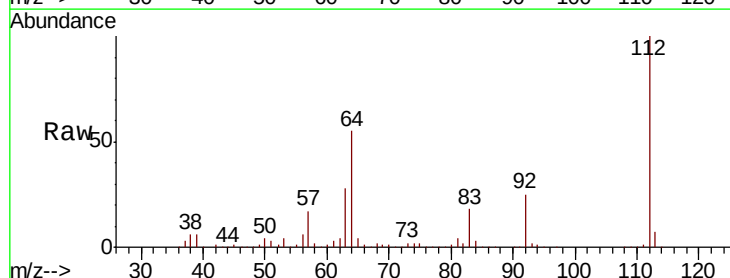
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



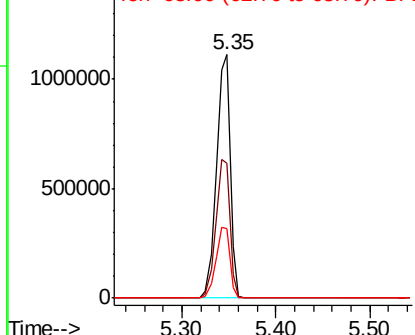
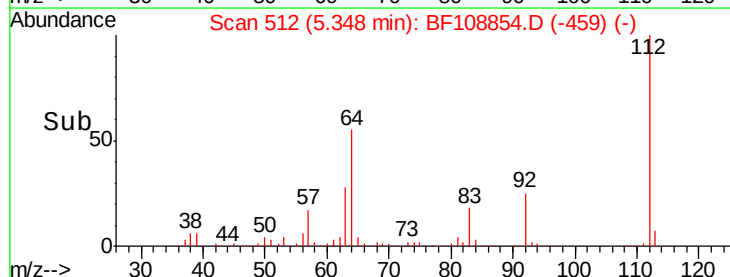
#5

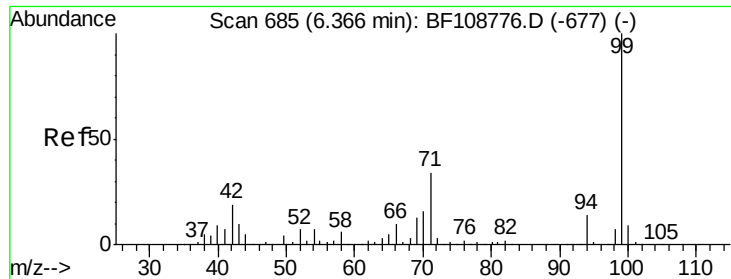
2-Fluorophenol
Concen: 70.814 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108854.D
Acq: 7 Sep 2018 12:24

Tgt Ion:112 Resp: 1149249
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 28.3 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: 72.825 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108854.D

Acq: 7 Sep 2018 12:24

Instrument :

BNA_G

ClientSampleId :

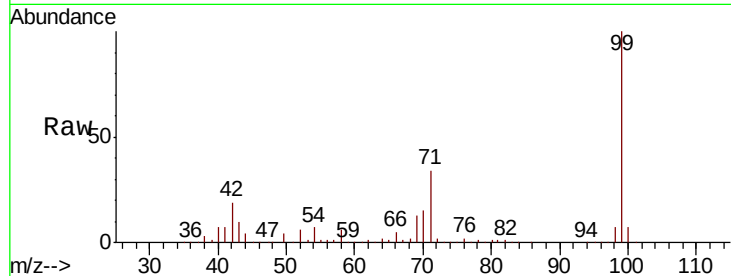
Tot Ion: 99 Resp: 1520669

Ion Ratio Lower Upper

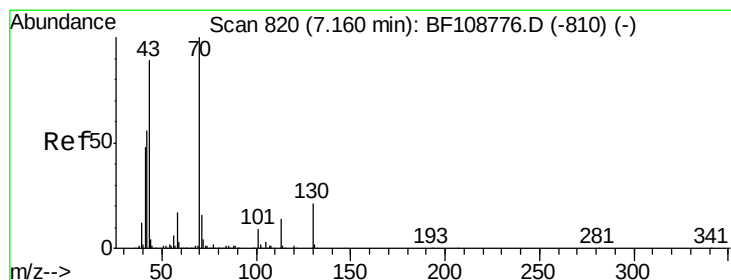
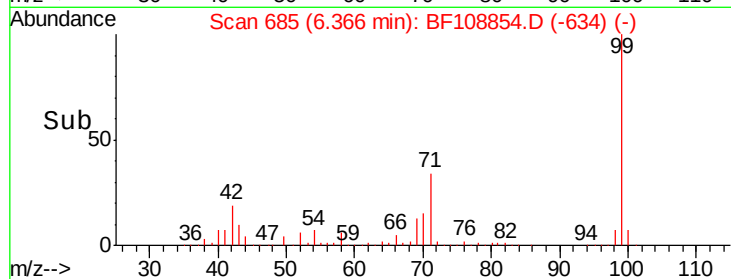
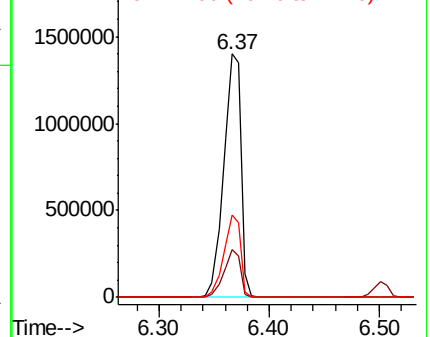
99 100

42 19.5 14.5 21.7

71 34.1 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: 8.850 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108854.D

Acq: 7 Sep 2018 12:24

Tgt Ion: 70 Resp: 128457

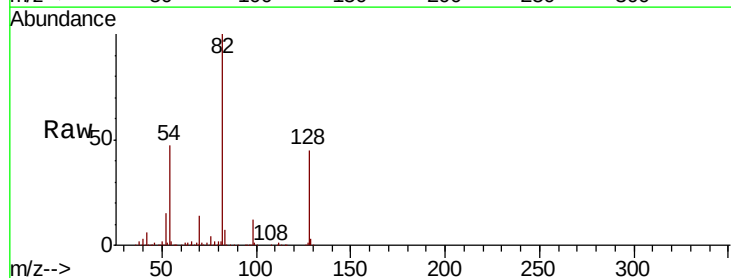
Ion Ratio Lower Upper

70 100

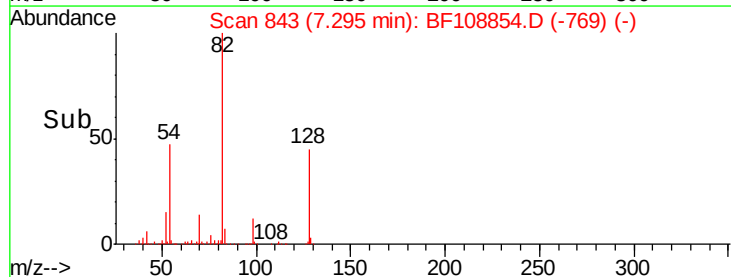
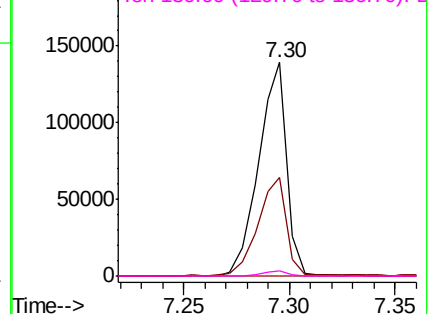
42 46.3 47.5 71.3#

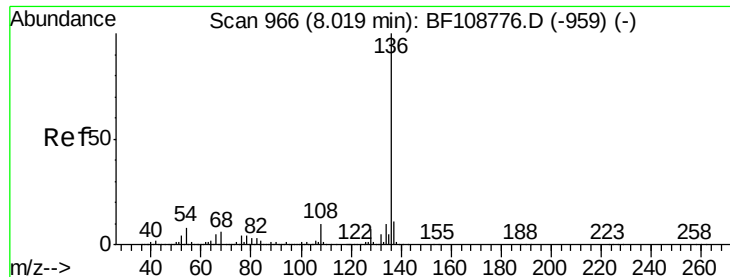
101 0.0 7.4 11.2#

130 2.4 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

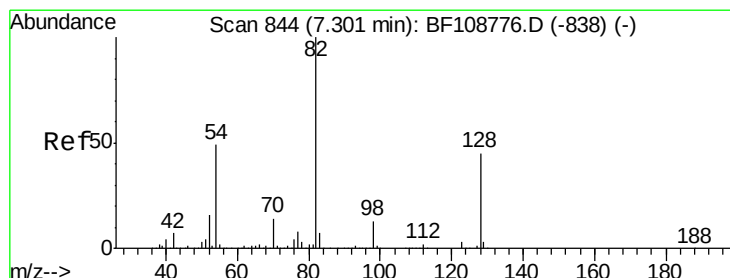
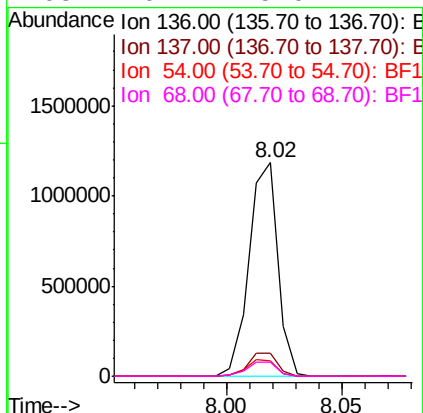
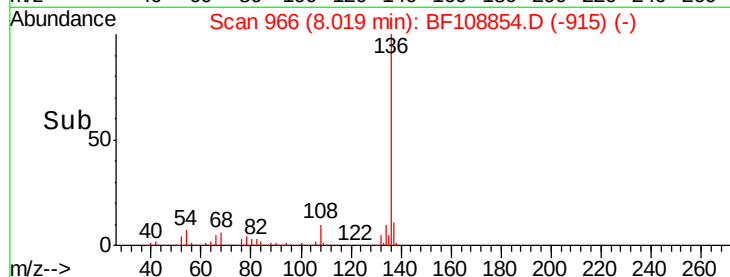
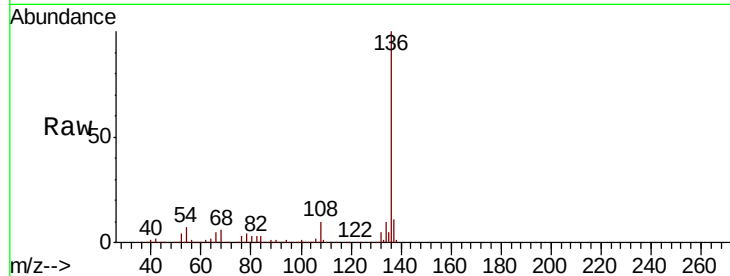




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108854.D
Acq: 7 Sep 2018 12:24

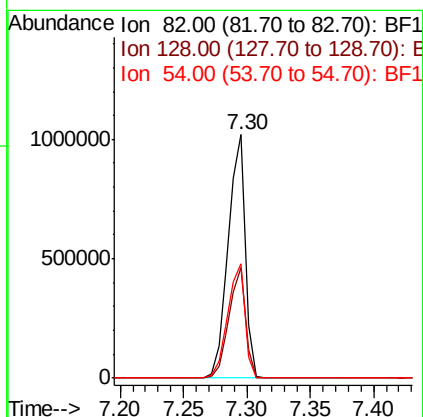
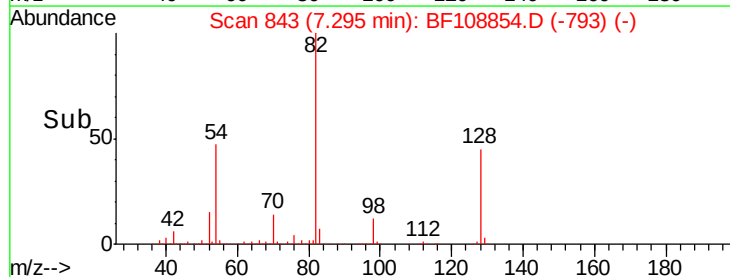
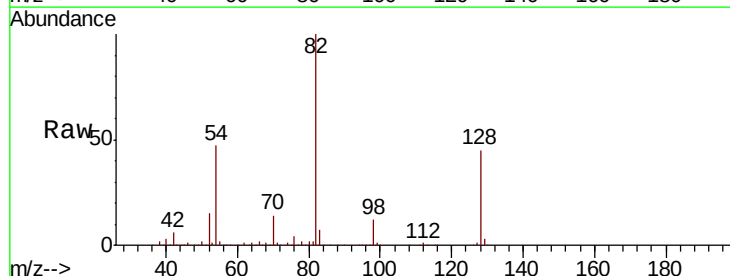
Instrument :
BNA_G
ClientSampleId :

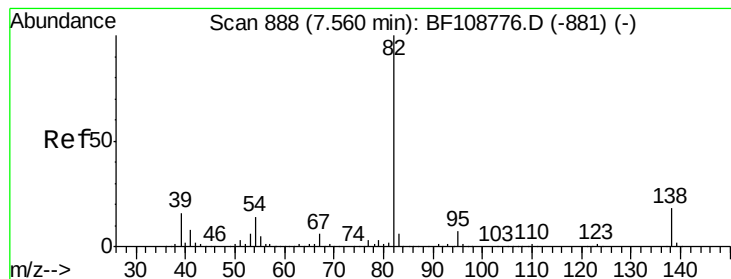
Tot Ion:136	Resp: 1037420
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 7.3	6.6 9.8
68 6.4	5.0 7.4



#23
Nitrobenzene-d5
Concen: 57.130 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108854.D
Acq: 7 Sep 2018 12:24

Tgt	Ion: 82	Resp:	947063
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	47.1	41.4	62.2





#25

Isophorone

Concen: 28.394 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108854.D

Acq: 7 Sep 2018 12:24

Instrument :

BNA_G

ClientSampleId :

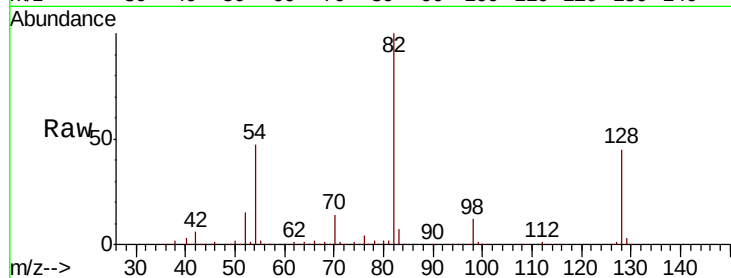
Tot Ion: 82 Resp: 938871

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

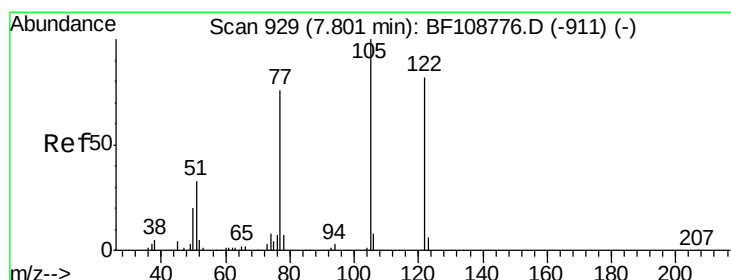
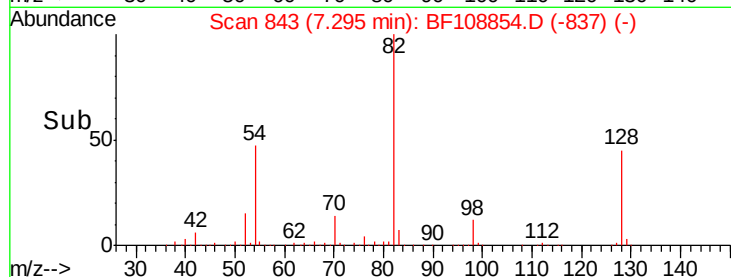
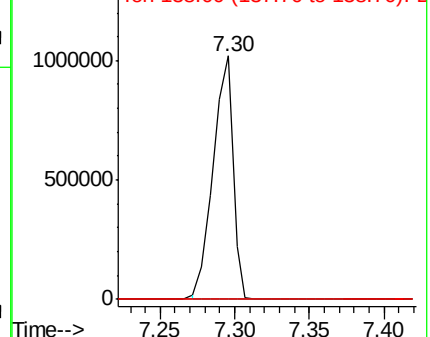
138 0.0 14.9 22.3#



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: 4.030 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.22 min

Lab File: BF108854.D

Acq: 7 Sep 2018 12:24

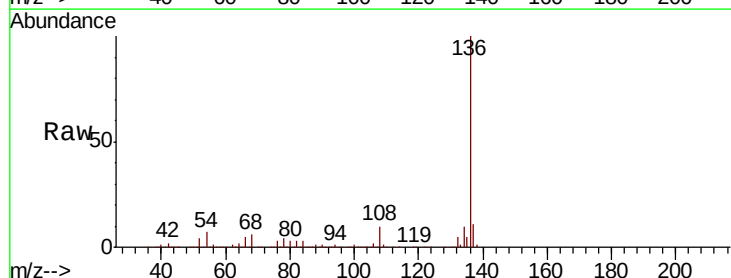
Tgt Ion:122 Resp: 117

Ion Ratio Lower Upper

122 100

105 500.6 101.1 141.1#

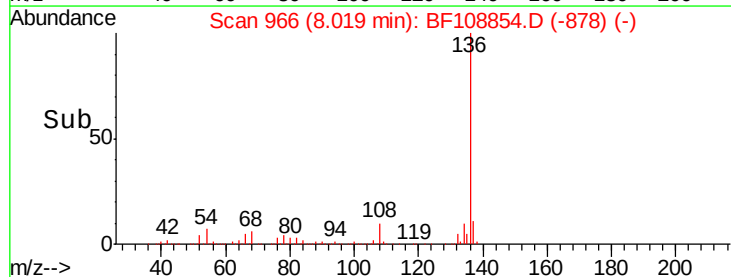
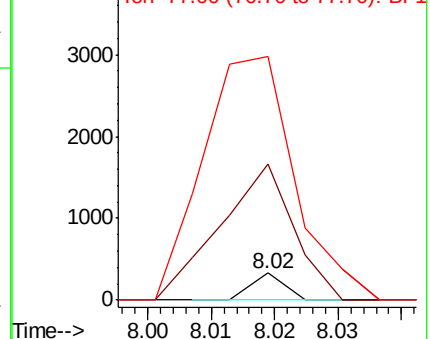
77 899.4 70.7 110.7#

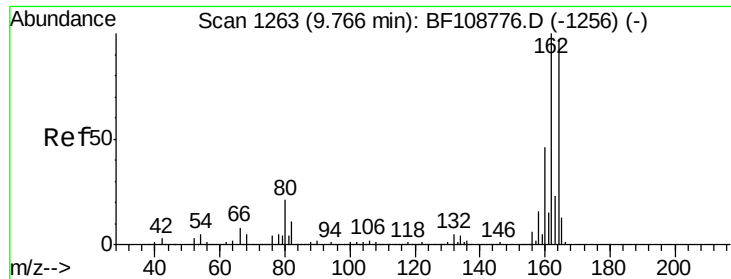


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

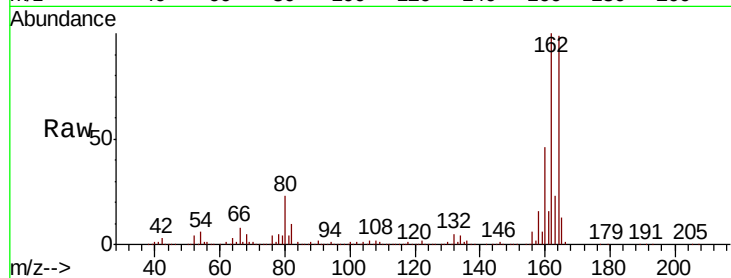




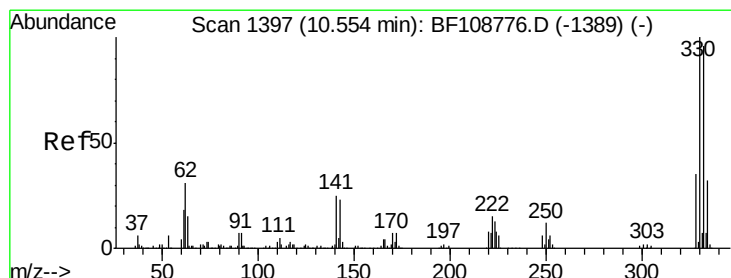
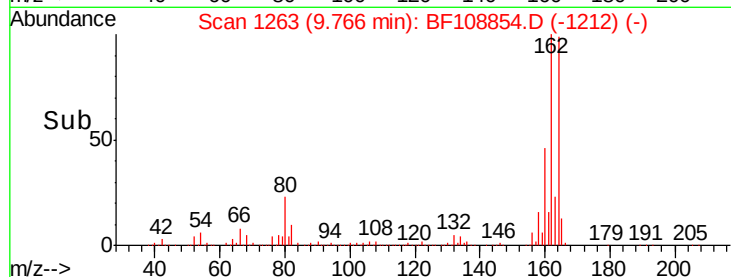
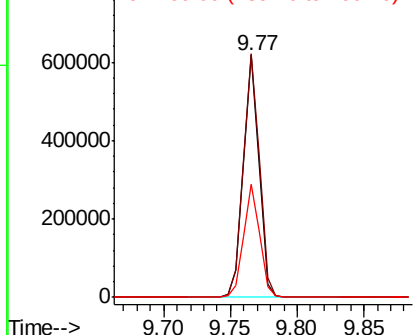
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108854.D
 Acq: 7 Sep 2018 12:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	46.6	38.3	57.5

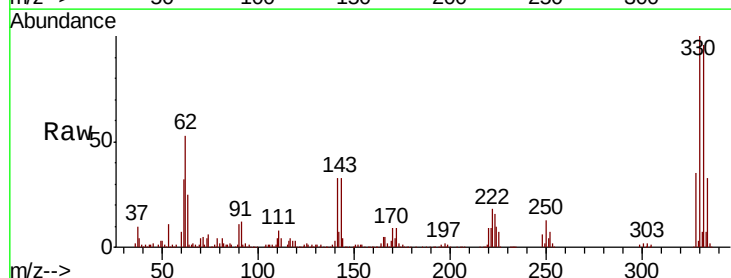


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

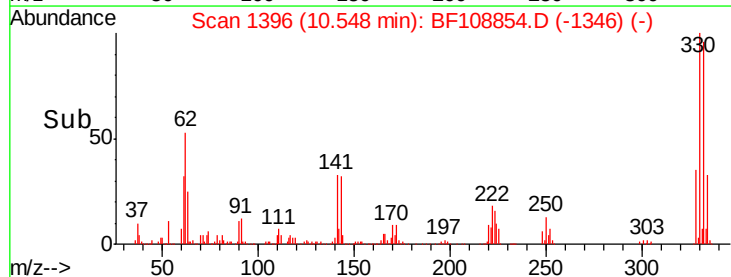
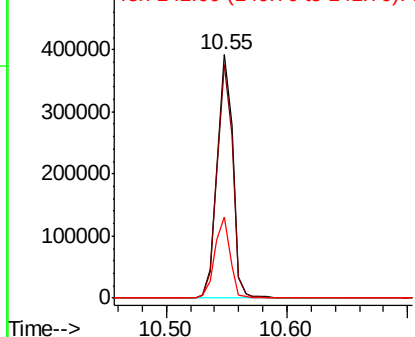


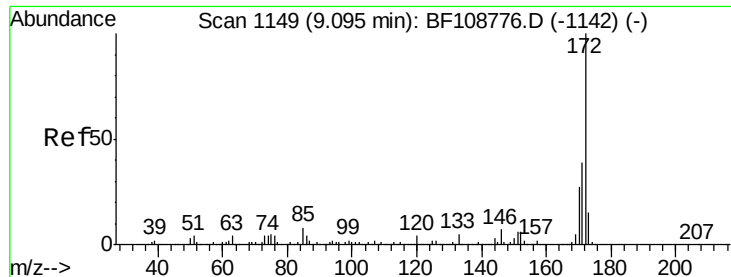
#41
 2,4,6-Tribromophenol
 Concen: 71.688 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108854.D
 Acq: 7 Sep 2018 12:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	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

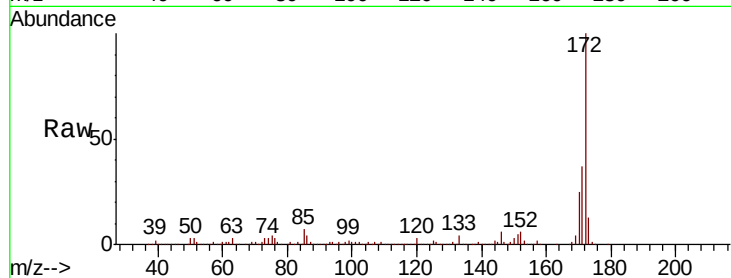




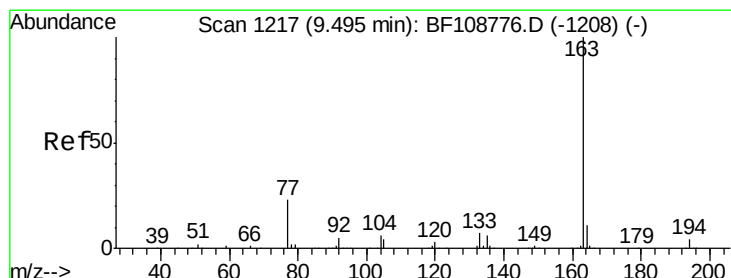
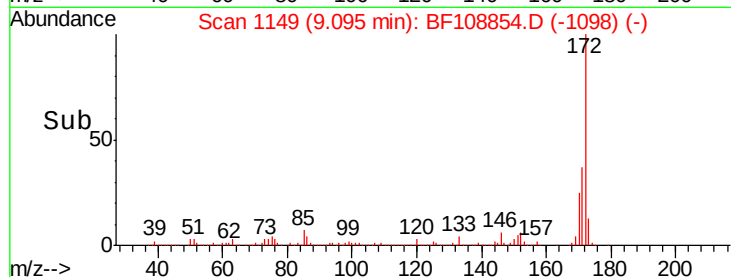
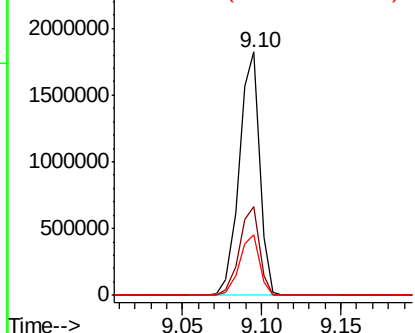
#44
2-Fluorobiphenyl
Concen: 54.789 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108854.D
Acq: 7 Sep 2018 12:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1624456
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 25.1 19.6 29.4

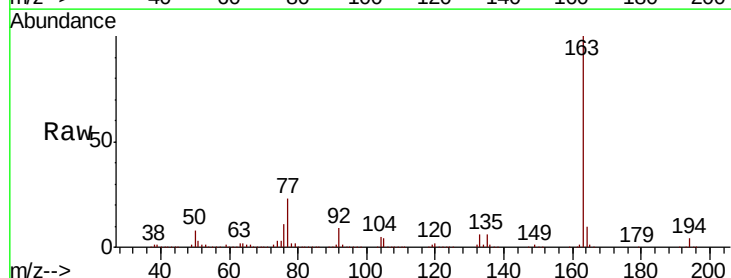


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

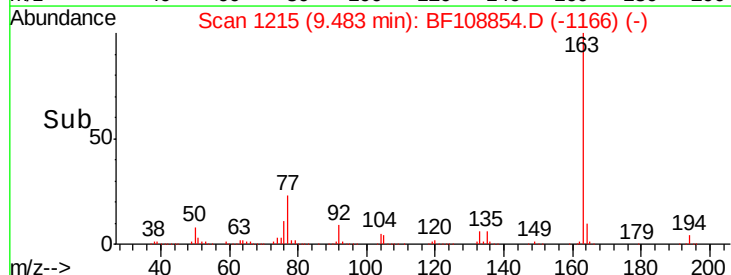
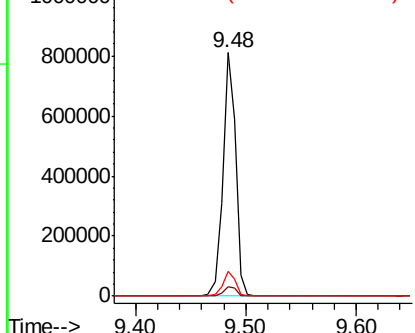


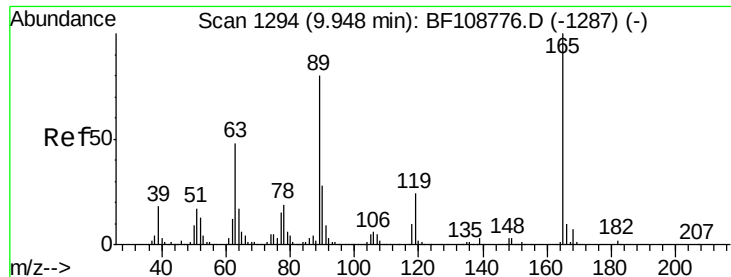
#49
Dimethylphthalate
Concen: 18.532 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108854.D
Acq: 7 Sep 2018 12:24

Tgt Ion:163 Resp: 655645
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 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

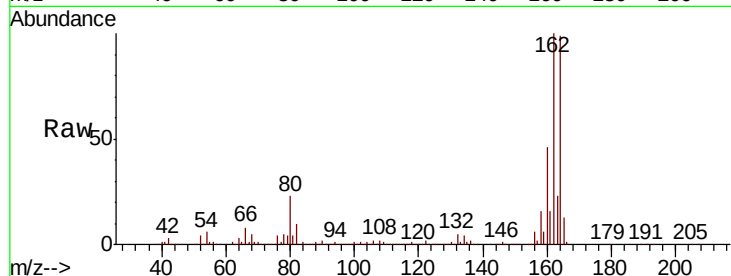




#56
2,4-Dinitrotoluene
Concen: 7.668 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108854.D
Acq: 7 Sep 2018 12:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	66103
Ion Ratio	Lower	Upper
165	100	
63	1.2	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#



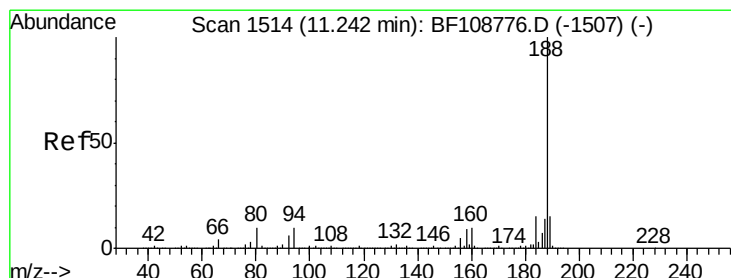
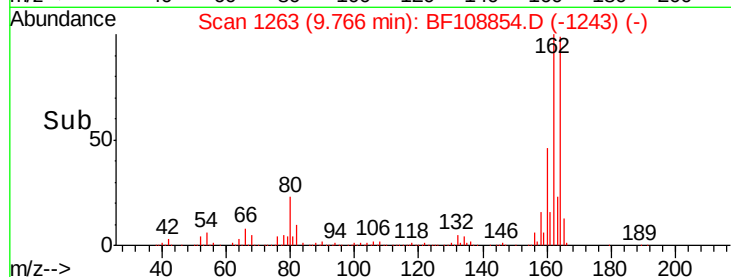
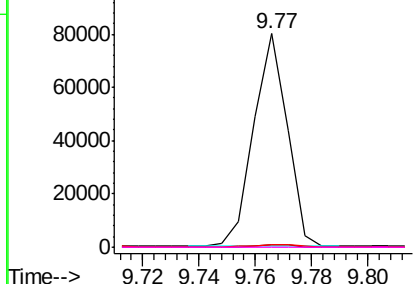
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

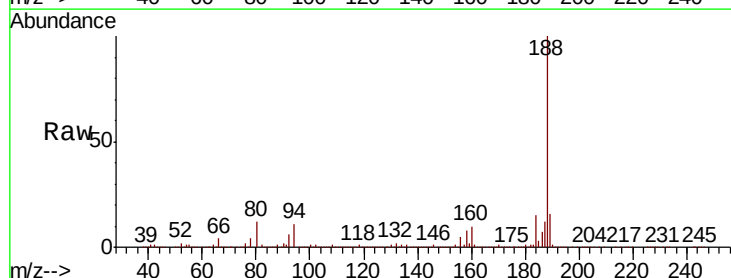
Ion 89.00 (88.70 to 89.70): BF1

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: BF108854.D
Acq: 7 Sep 2018 12:24

Tgt Ion:188	Resp:	896874
Ion Ratio	Lower	Upper
188	100	
94	11.4	8.5 12.7
80	12.1	9.2 13.8

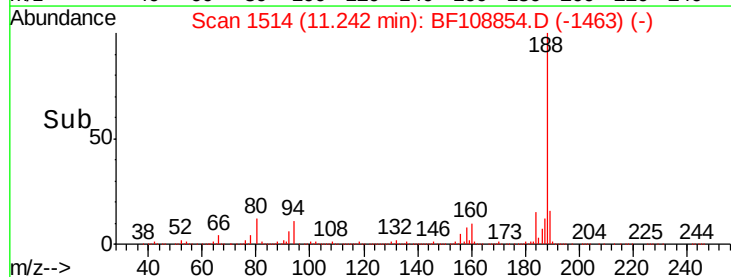
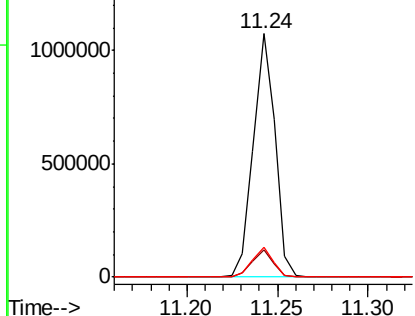


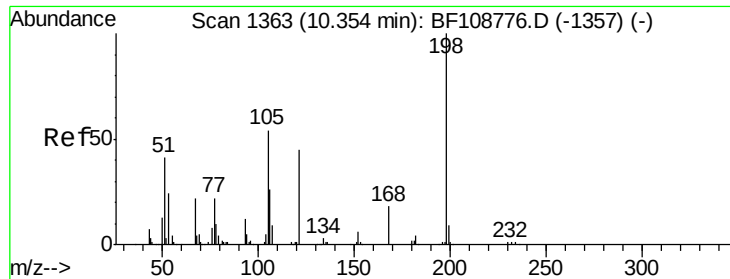
Abundance

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

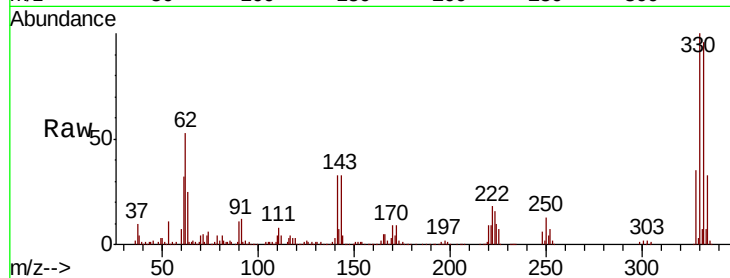




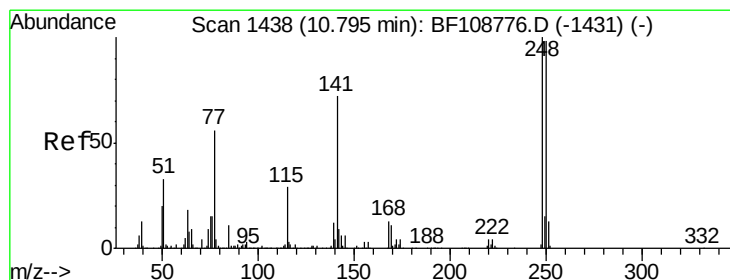
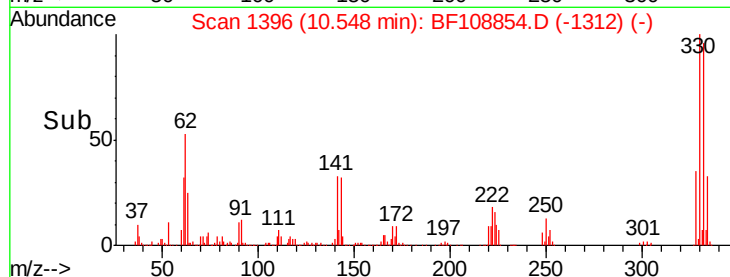
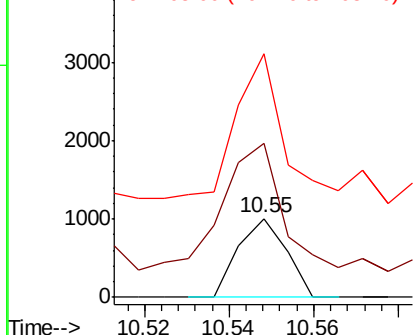
#64
4,6-Dinitro-2-methylphenol
Concen: 7.062 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108854.D
Acq: 7 Sep 2018 12:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 795
Ion Ratio Lower Upper
198 100
51 194.7 37.7 77.7#
105 307.6 36.3 76.3#

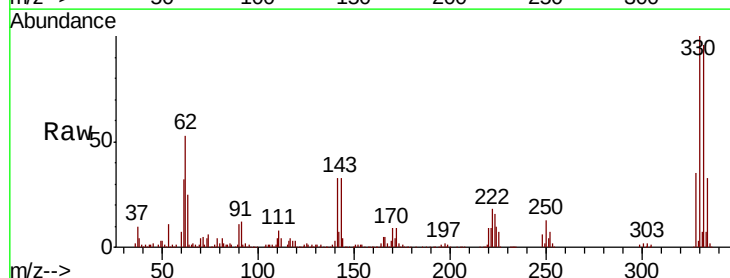


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

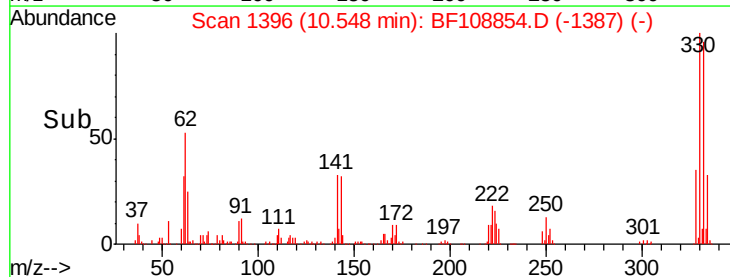
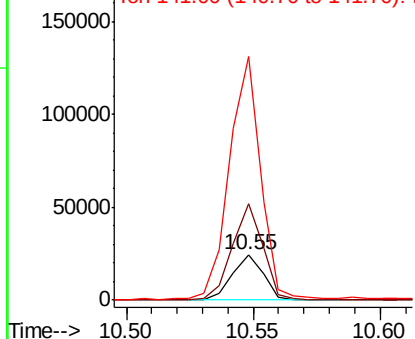


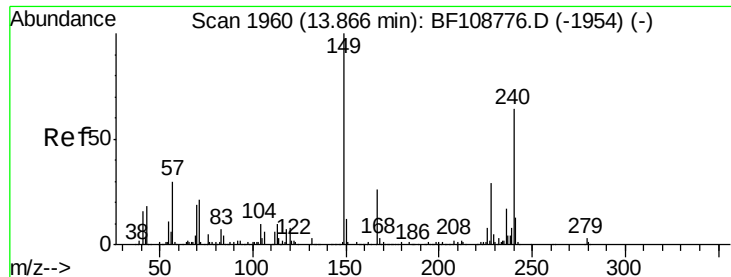
#66
4-Bromophenyl-phenylether
Concen: 2.058 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108854.D
Acq: 7 Sep 2018 12:24

Tgt Ion:248 Resp: 20844
Ion Ratio Lower Upper
248 100
250 212.5 76.9 115.3#
141 534.1 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: BF108854.D

Acq: 7 Sep 2018 12:24

Instrument :

BNA_G

ClientSampleId :

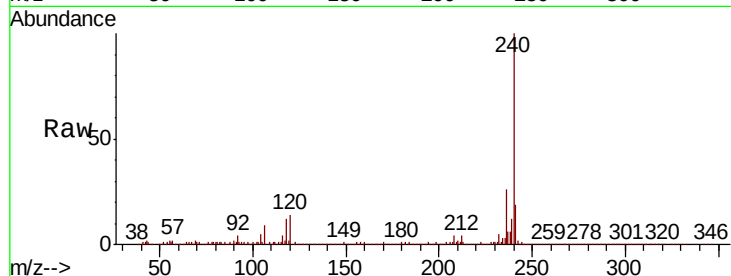
Tot Ion:240 Resp: 590713

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

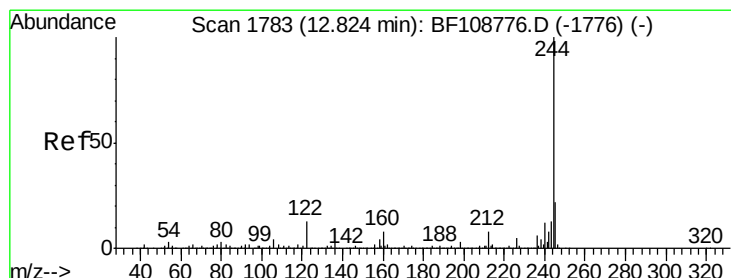
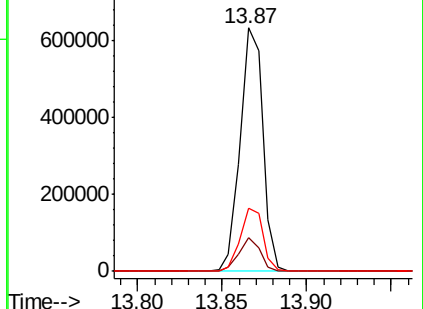
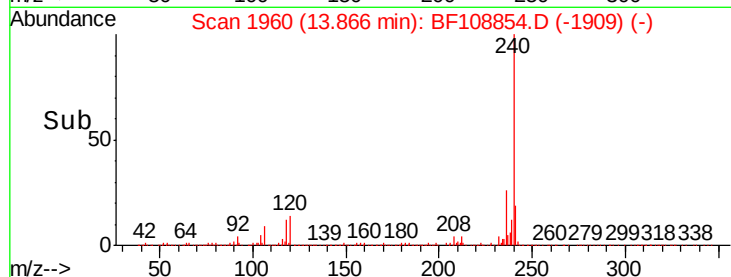
236 25.9 20.7 31.1



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: 53.526 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108854.D

Acq: 7 Sep 2018 12:24

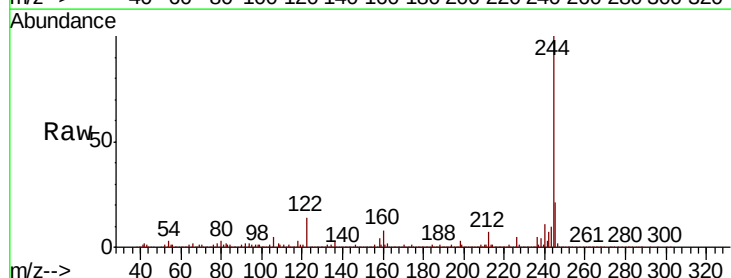
Tgt Ion:244 Resp: 1355921

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

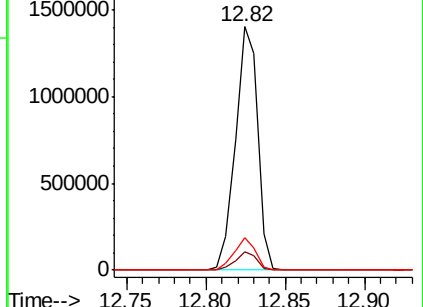
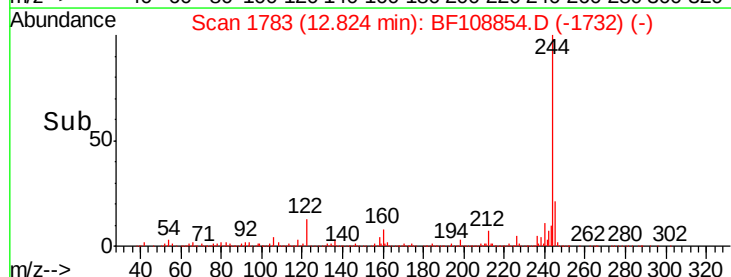
122 13.5 11.0 16.4

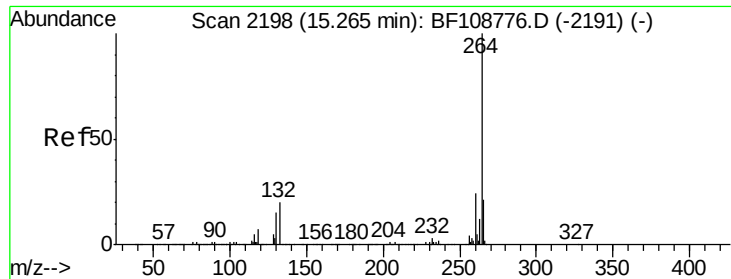


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2200
Delta R.T. 0.01 min
Lab File: BF108854.D
Acq: 7 Sep 2018 12:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.1	17.5	26.3

