

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
 Data File : BF108965.D
 Acq On : 13 Sep 2018 15:38
 Operator : JU/SJ
 Sample : PB112800BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 16:05:36 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	6.72	152	166664	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	648802	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	317209	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	644692	20.00	ng	0.00
75) Chrysene-d12	13.86	240	542191	20.00	ng	0.00
86) Perylene-d12	15.27	264	422977	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1056796	105.05	ng	0.01
7) Phenol-d6	6.37	99	1362859	105.29	ng	0.00
23) Nitrobenzene-d5	7.29	82	877979	84.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	401309	132.52	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1577901	84.86	ng	0.00
78) Terphenyl-d14	12.82	244	1734046	74.58	ng	0.00

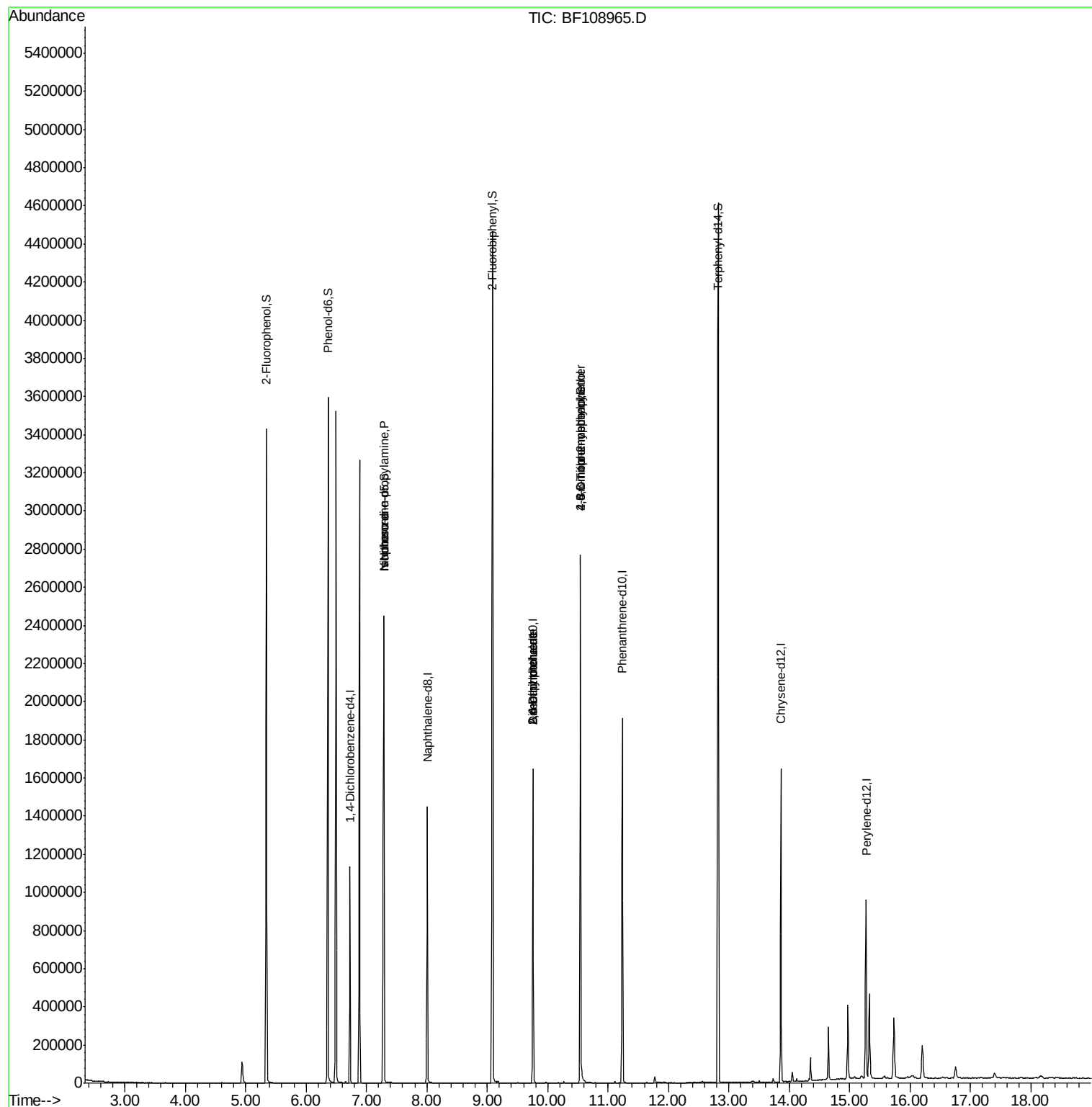
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	117302	13.037	ng	# 77
25) Isophorone	7.29	82	872330	42.183	ng	# 64
49) Dimethylphthalate	9.76	163	87540	3.946	ng	# 1
50) 2,6-Dinitrotoluene	9.76	165	41198	9.745	ng	# 25
56) 2,4-Dinitrotoluene	9.76	165	41198	7.620	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	819	7.145	ng	# 15
66) 4-Bromophenyl-phenylether	10.54	248	24526	3.368	ng	# 1

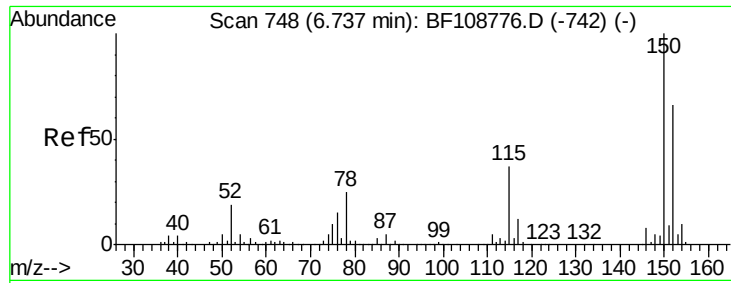
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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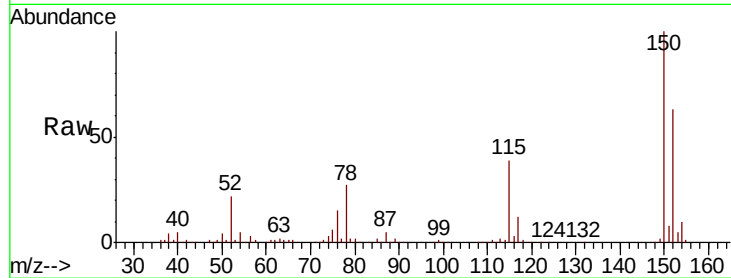


#1

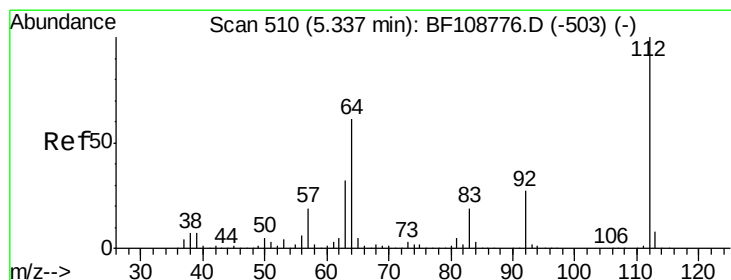
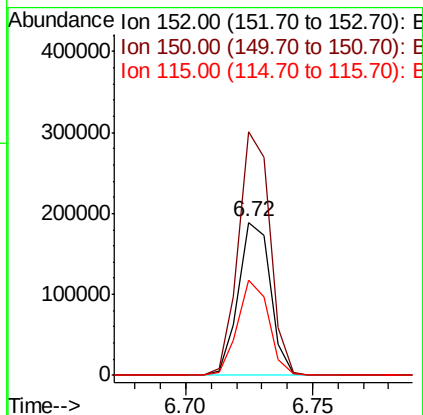
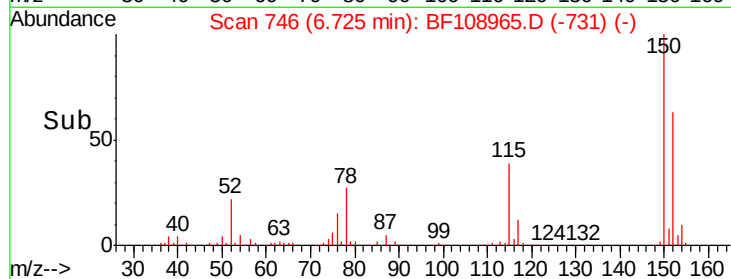
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166664
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 62.5 50.1 75.1



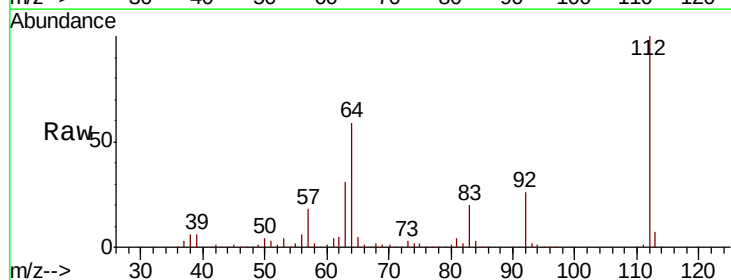
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



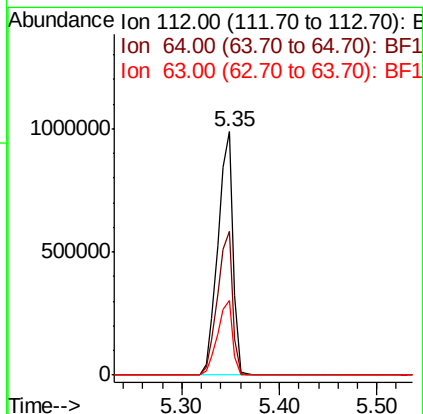
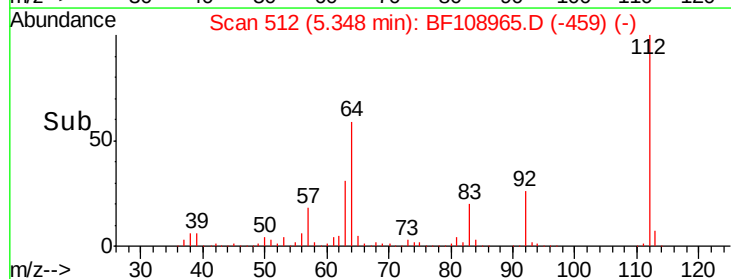
#5

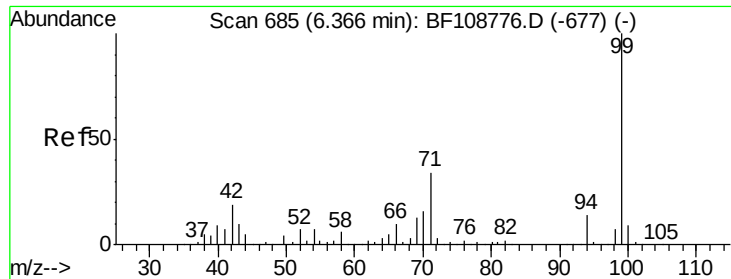
2-Fluorophenol
Concen: 105.047 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion:112 Resp: 1056796
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 30.6 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: 105.289 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108965.D

Acq: 13 Sep 2018 15:38

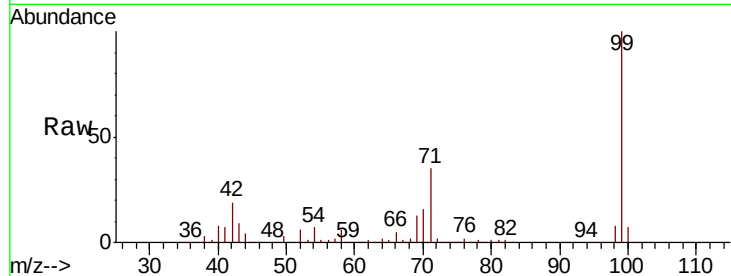
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1362859

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	34.8	25.4	38.0

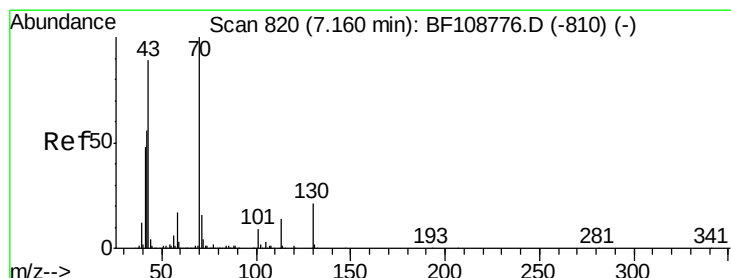
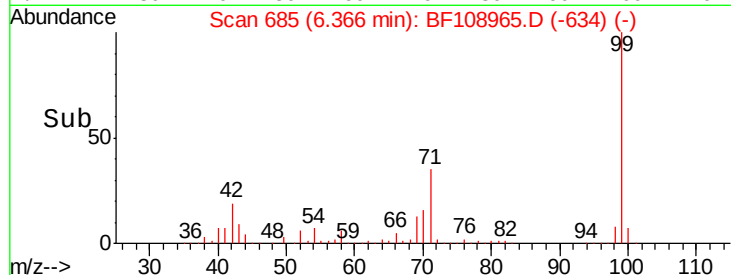
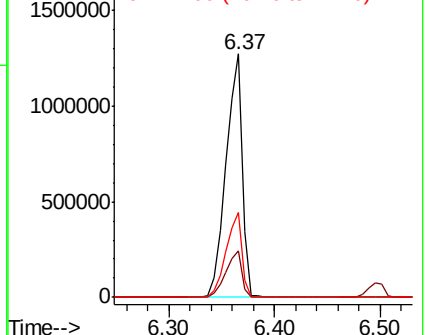


Abundance

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: 13.037 ng

RT: 7.29 min Scan# 842

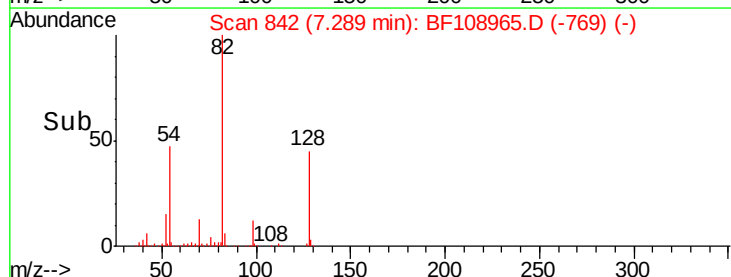
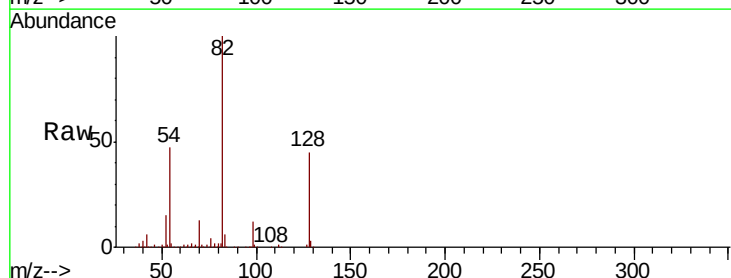
Delta R.T. 0.13 min

Lab File: BF108965.D

Acq: 13 Sep 2018 15:38

Tgt Ion: 70 Resp: 117302

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



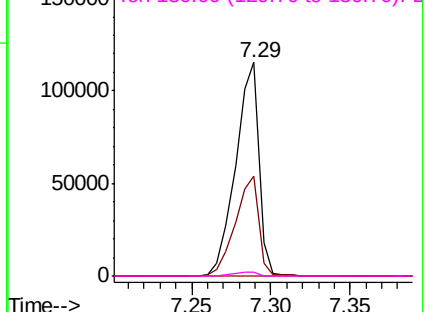
Abundance

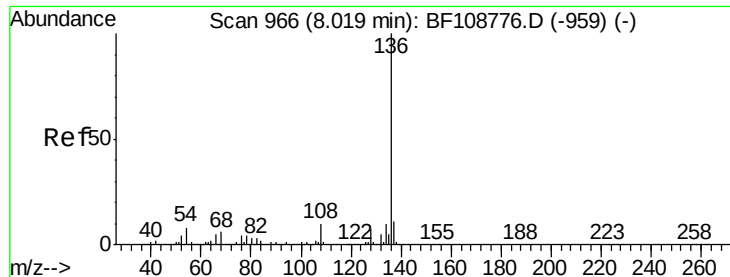
Ion 70.00 (69.70 to 70.70): BF1

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

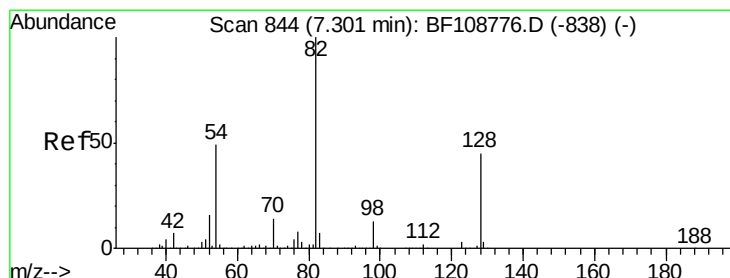
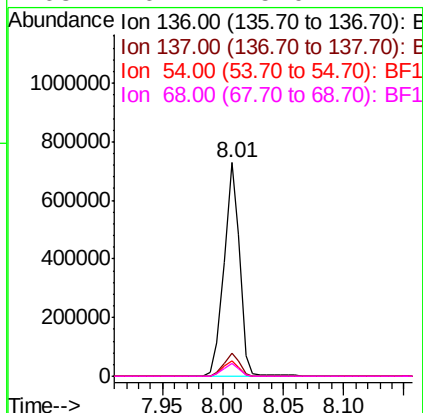
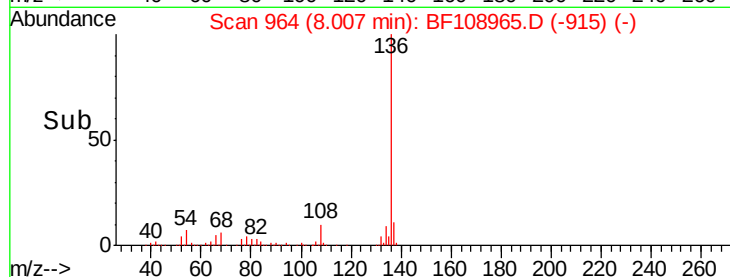
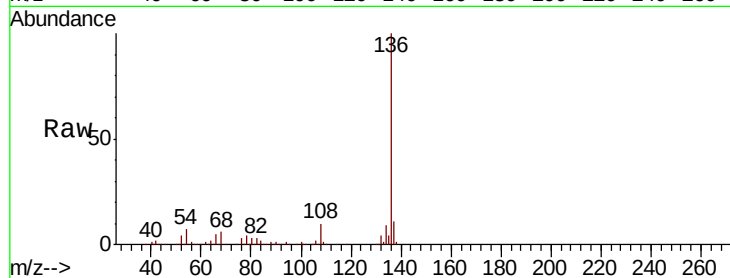




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

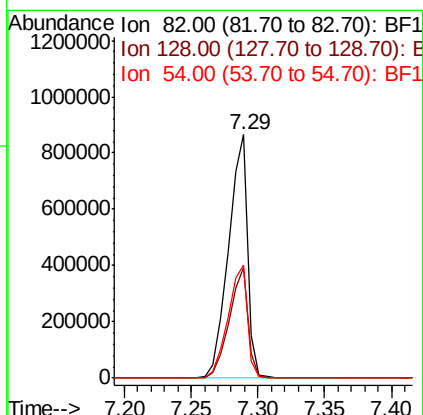
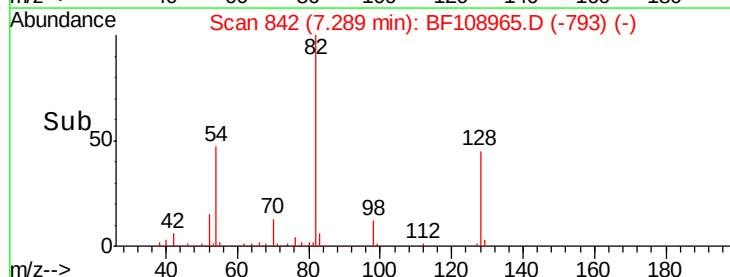
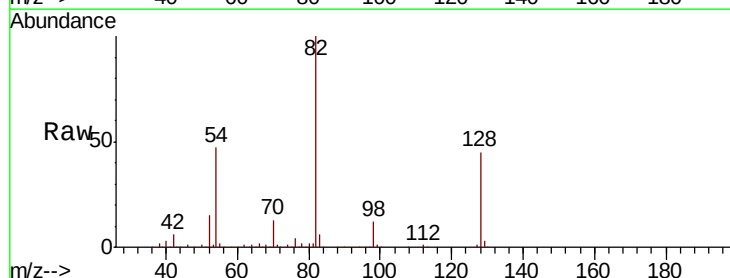
Instrument :
BNA_F
ClientSampled :

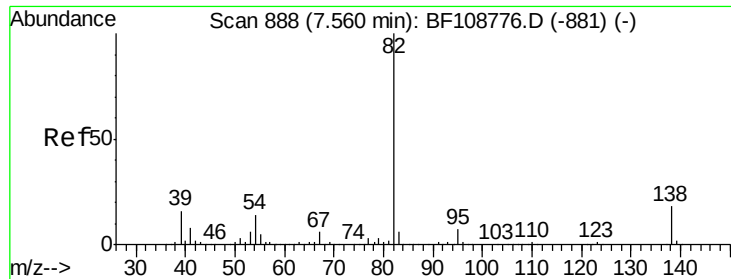
Tot Ion:136	Resp:	648802	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 7.3	6.6	9.8	
68 6.2	5.0	7.4	



#23
Nitrobenzene-d5
Concen: 84.686 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt	Ion: 82	Resp:	877979
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	46.5	41.4	62.2





#25

Isophorone

Concen: 42.183 ng

RT: 7.29 min Scan# 842

Delta R.T. -0.27 min

Lab File: BF108965.D

Acq: 13 Sep 2018 15:38

Instrument :

BNA_F

ClientSampleId :

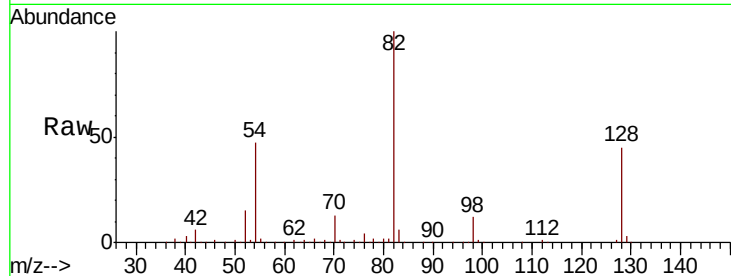
Tot Ion: 82 Resp: 872330

Ion Ratio Lower Upper

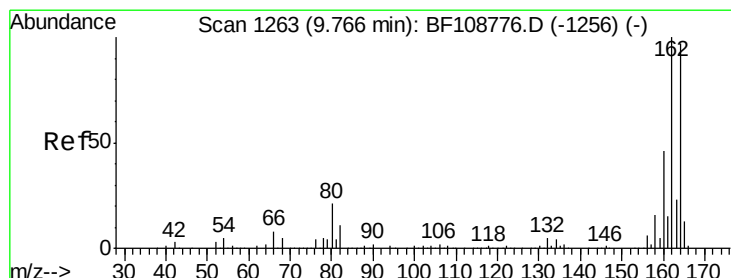
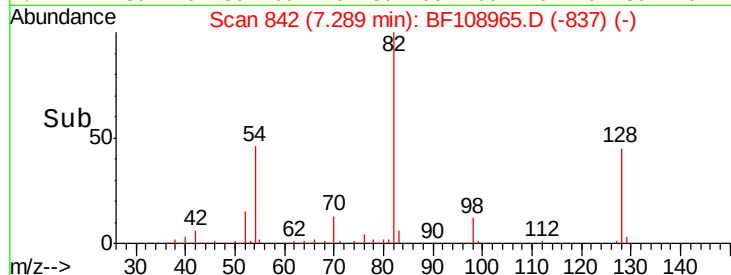
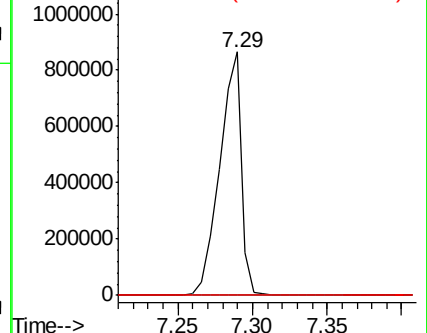
82 100

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: 9.76 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF108965.D

Acq: 13 Sep 2018 15:38

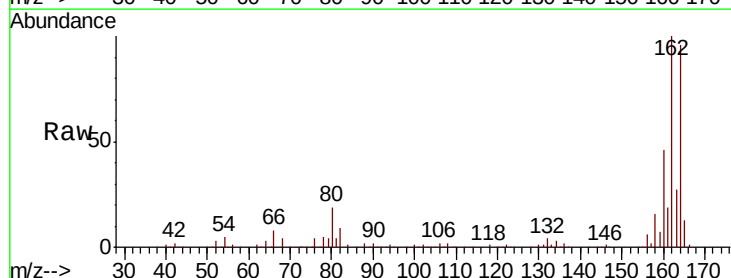
Tgt Ion: 164 Resp: 317209

Ion Ratio Lower Upper

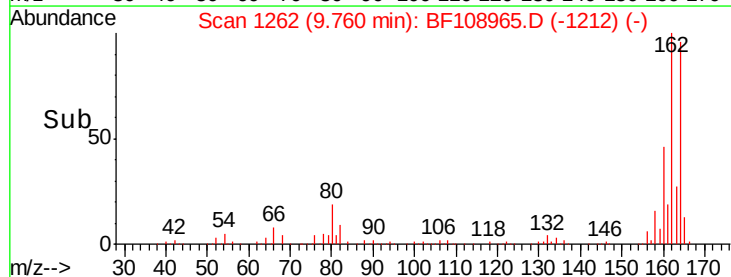
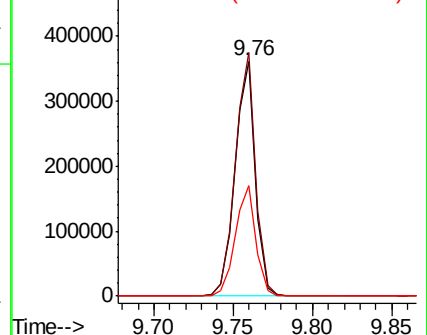
164 100

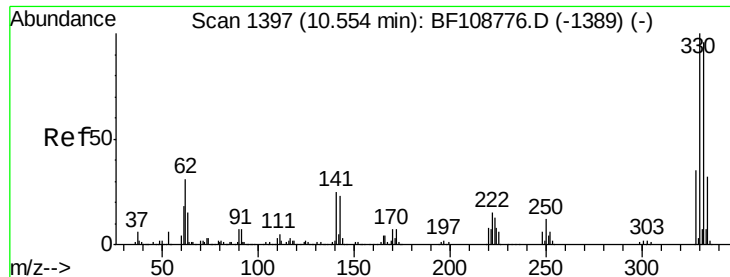
162 103.7 86.1 129.1

160 47.3 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

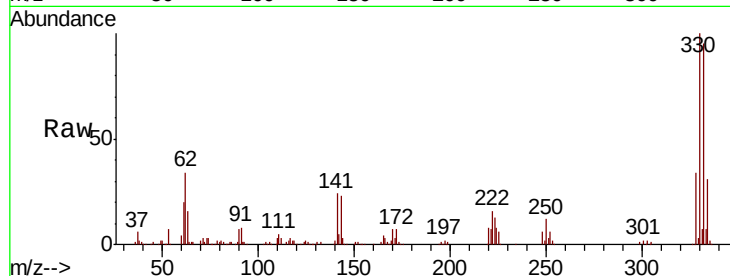




#41
 2,4,6-Tribromophenol
 Concen: 132.523 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108965.D
 Acq: 13 Sep 2018 15:38

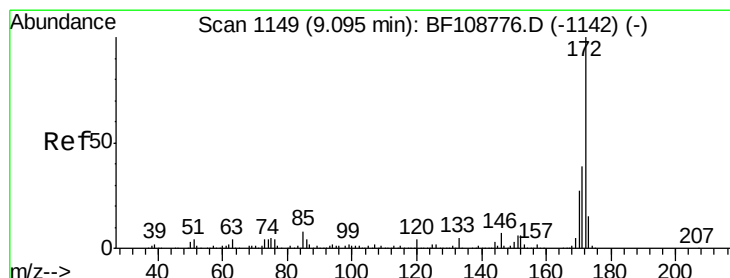
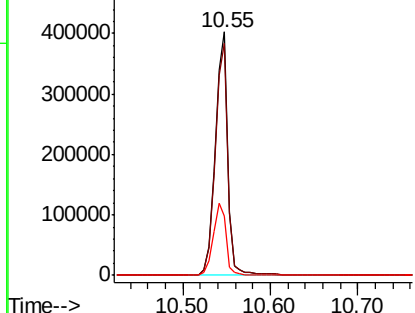
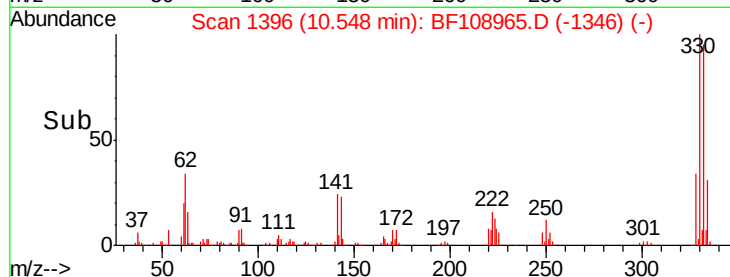
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	30.7	29.9	44.9



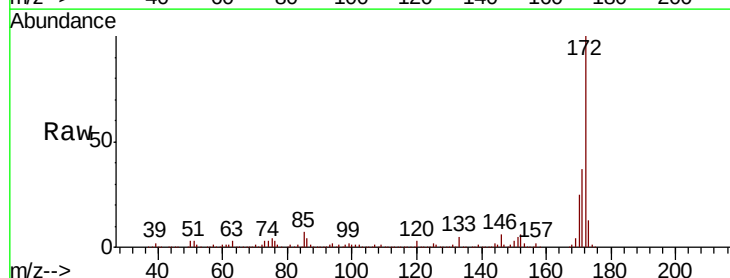
Abundance

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



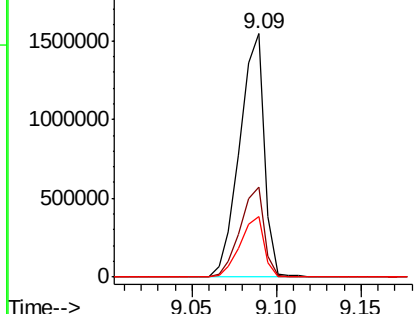
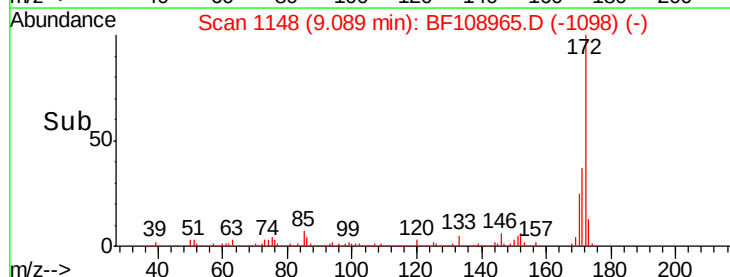
#44
 2-Fluorobiphenyl
 Concen: 84.861 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108965.D
 Acq: 13 Sep 2018 15:38

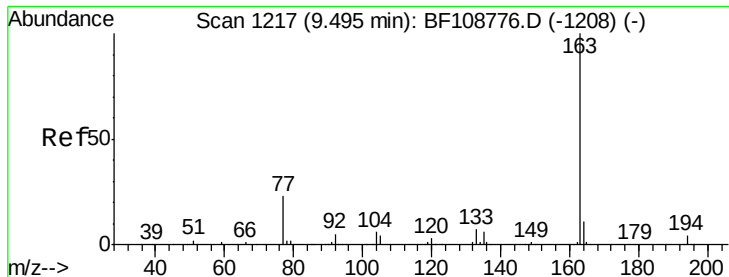
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	19.6	29.4



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

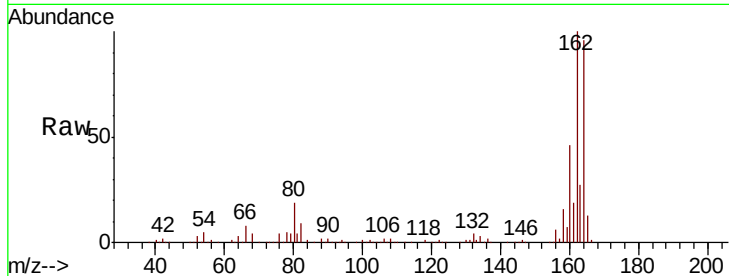




#49
Dimethylphthalate
Concen: 3.946 ng
RT: 9.76 min Scan# 1262
Delta R.T. 0.26 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	354.6	8.2	12.2#

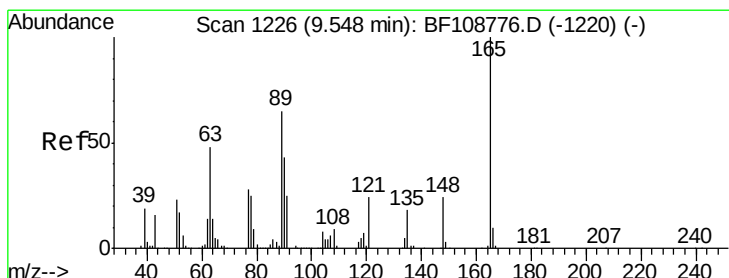
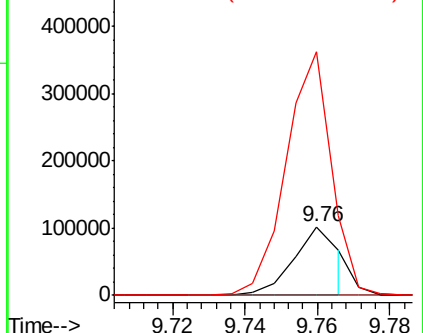
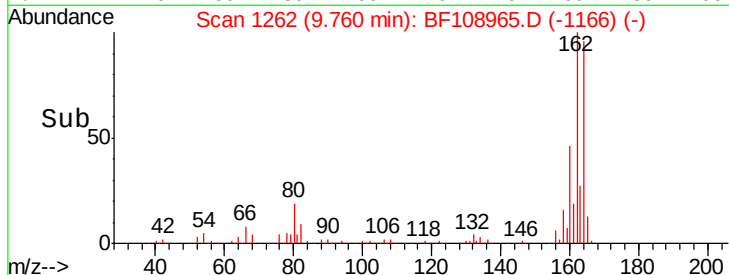


Abundance

Ion 163.00 (162.70 to 163.70): E

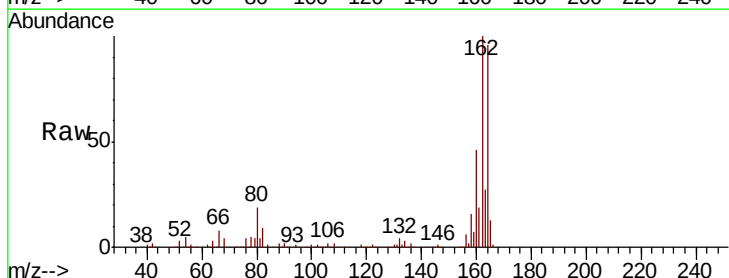
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 9.745 ng
RT: 9.76 min Scan# 1262
Delta R.T. 0.21 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.4	44.0	66.0#

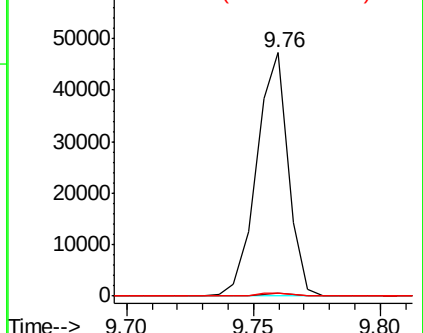
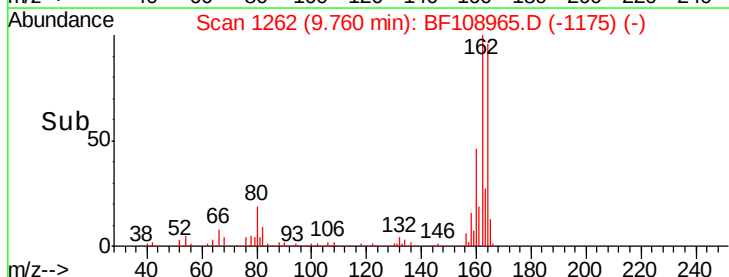


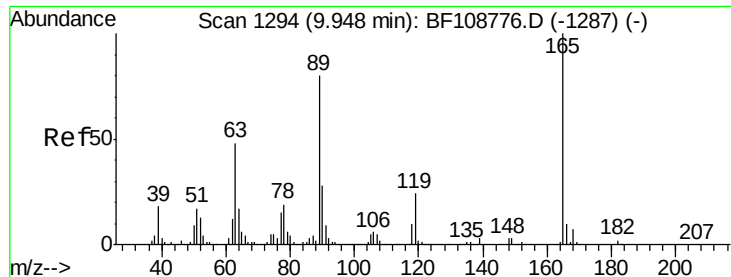
Abundance

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

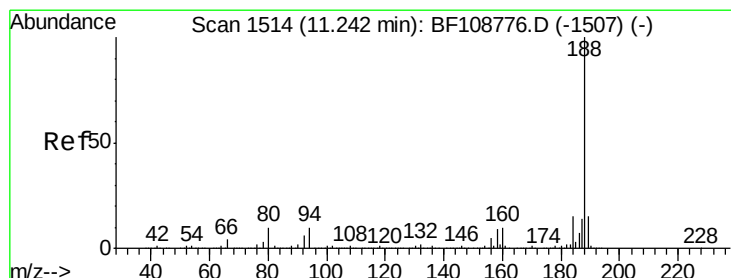
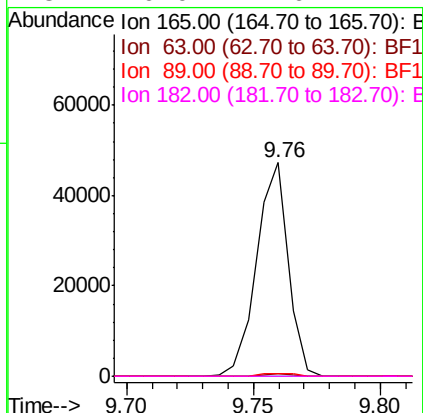
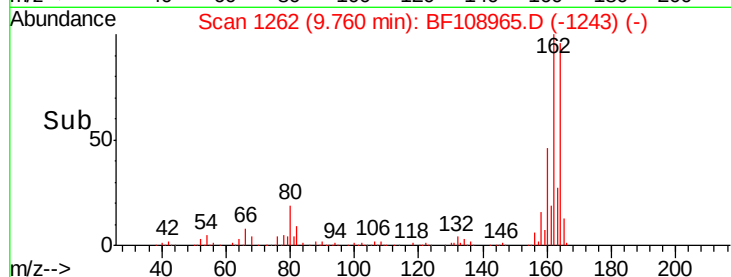
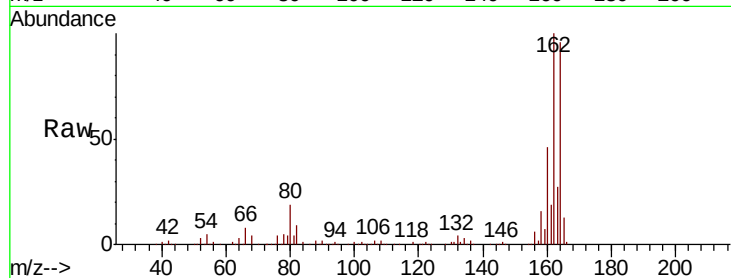




#56
 2,4-Dinitrotoluene
 Concen: 7.620 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.19 min
 Lab File: BF108965.D
 Acq: 13 Sep 2018 15:38

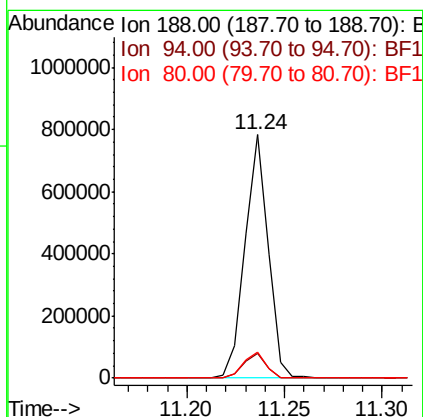
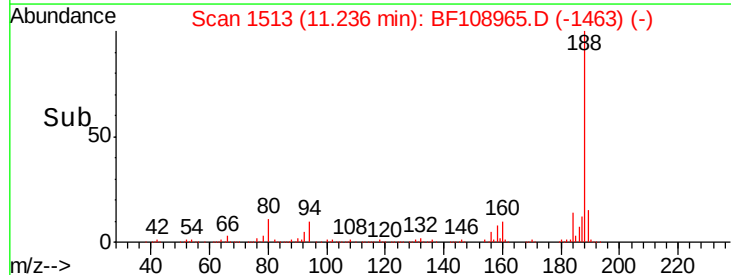
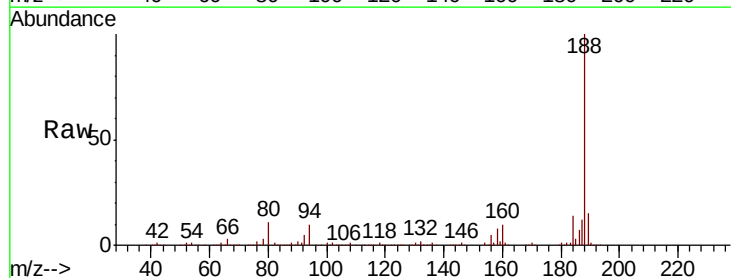
Instrument :
 BNA_F
 ClientSampleId :

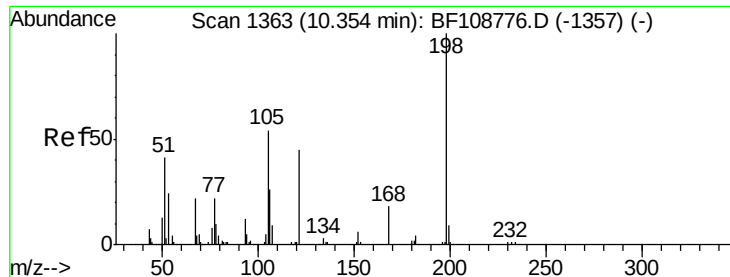
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF108965.D
 Acq: 13 Sep 2018 15:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.6	9.2	13.8

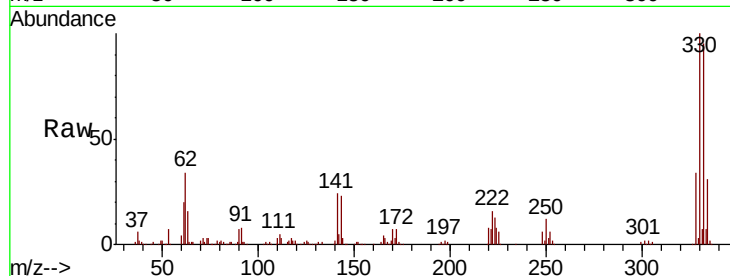




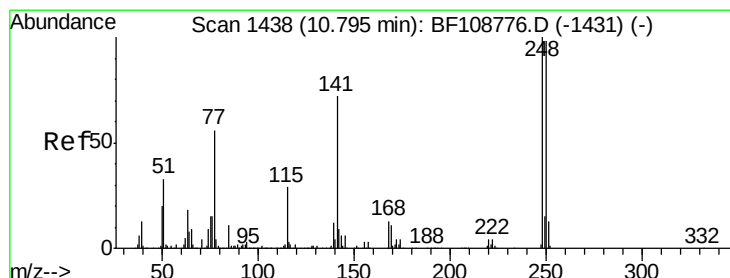
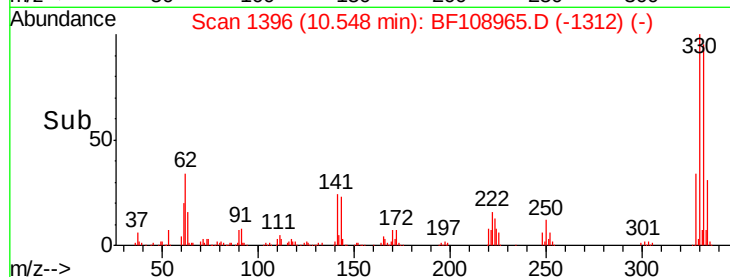
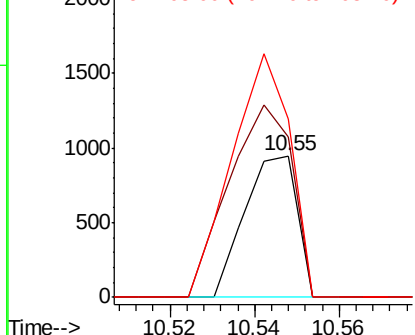
#64
4,6-Dinitro-2-methylphenol
Concen: 7.145 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 819
Ion Ratio Lower Upper
198 100
51 113.1 37.7 77.7#
105 126.1 36.3 76.3#

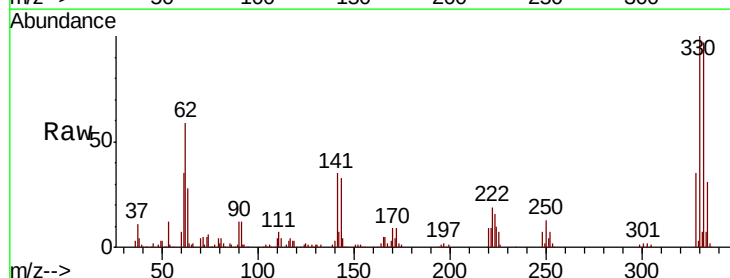


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

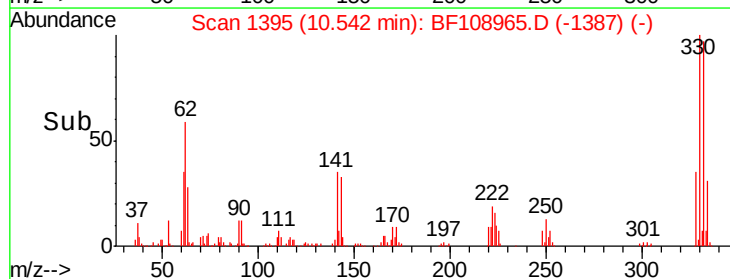
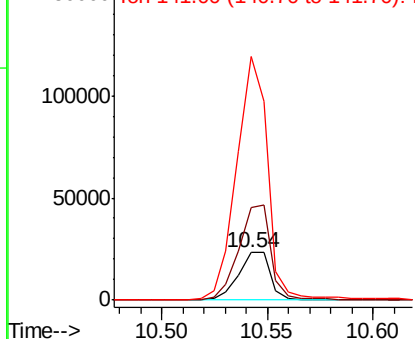


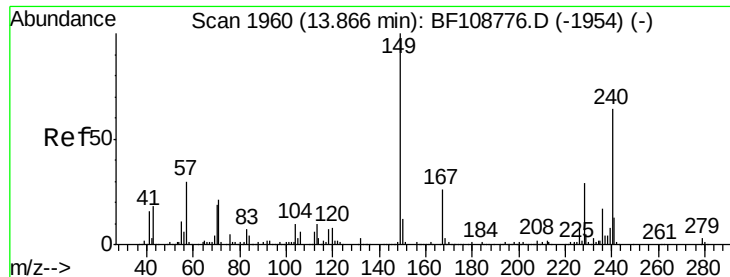
#66
4-Bromophenyl-phenylether
Concen: 3.368 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.25 min
Lab File: BF108965.D
Acq: 13 Sep 2018 15:38

Tgt Ion:248 Resp: 24526
Ion Ratio Lower Upper
248 100
250 194.1 76.9 115.3#
141 511.2 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: 13.86 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BF108965.D

Acq: 13 Sep 2018 15:38

Instrument :

BNA_F

ClientSampleId :

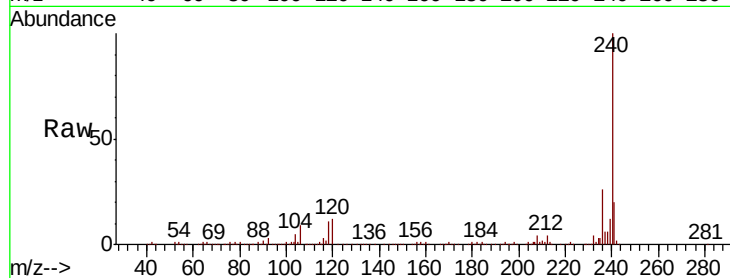
Tot Ion:240 Resp: 542191

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

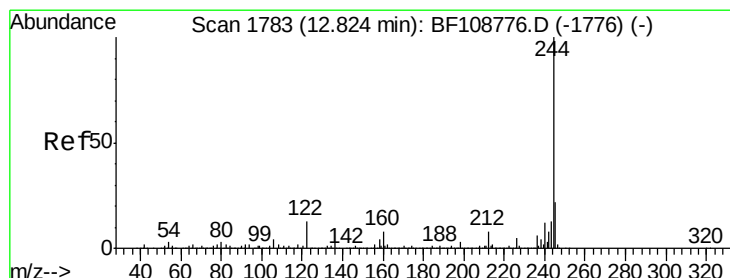
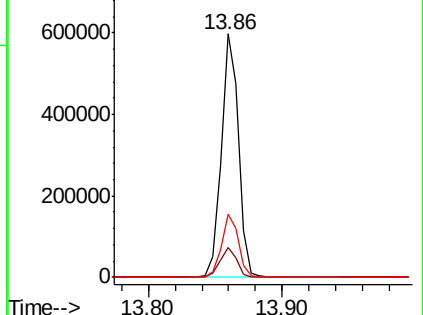
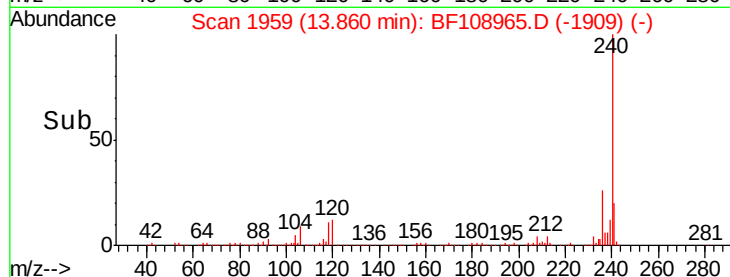
236 26.1 20.7 31.1



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: 74.579 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108965.D

Acq: 13 Sep 2018 15:38

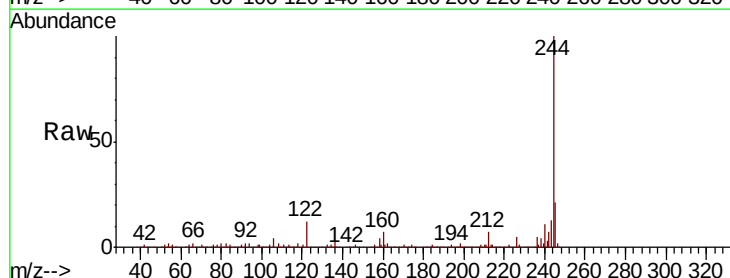
Tgt Ion:244 Resp: 1734046

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

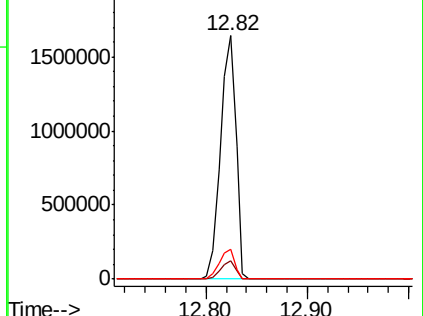
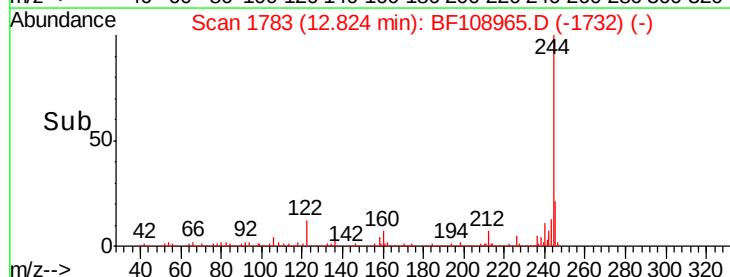
122 12.1 11.0 16.4

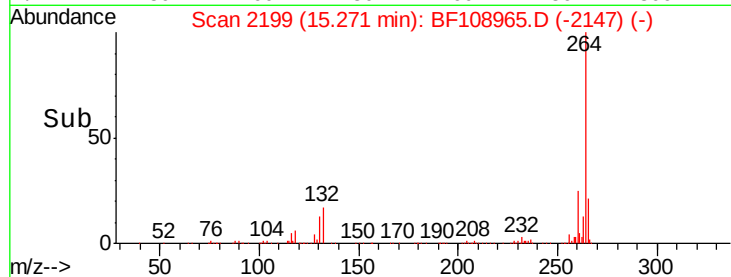
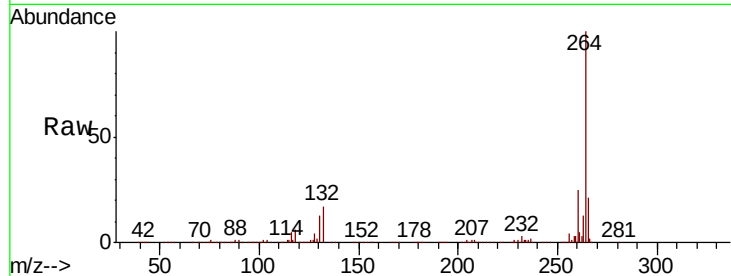
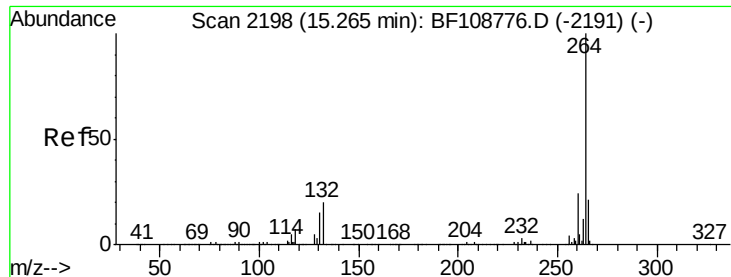


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108965.D
 Acq: 13 Sep 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.5	17.5	26.3

