

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082718\
 Data File : BF108500.D
 Acq On : 27 Aug 2018 10:42
 Operator : JU/SJ
 Sample : J4621-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 11:50:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

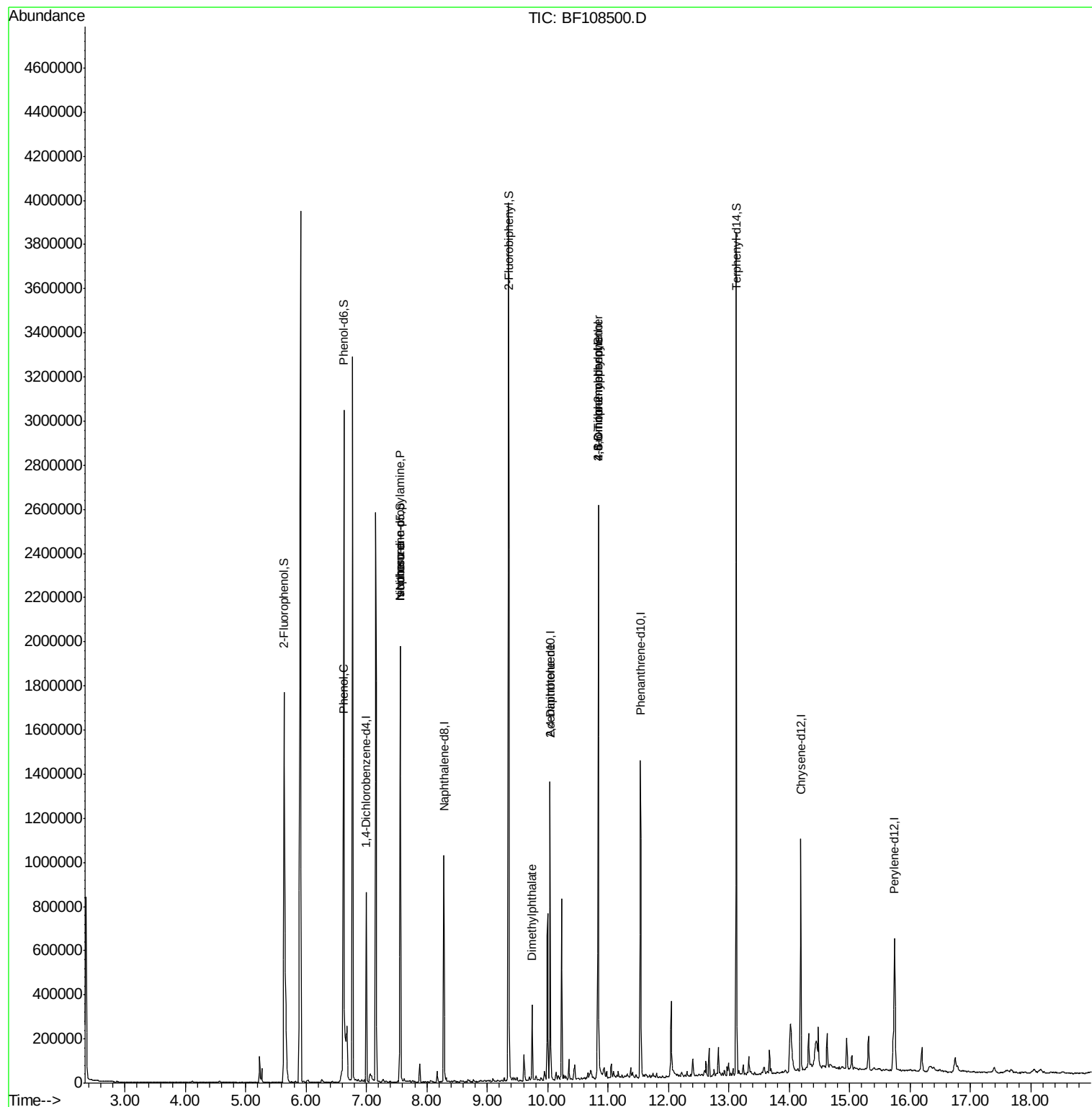
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	125670	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	488905	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	249581	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	505810	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	348258	20.00	ng	-0.01
86) Perylene-d12	15.74	264	298101	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	770080	110.94	ng	0.00
7) Phenol-d6	6.62	99	959114	103.98	ng	0.00
23) Nitrobenzene-d5	7.56	82	649829	74.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	310476	124.71	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1205907	77.57	ng	-0.01
78) Terphenyl-d14	13.12	244	1282630	93.64	ng	0.00
Target Compounds						
10) Phenol	6.64	94	21144	2.216	ng	86
19) n-Nitroso-di-n-propylamine	7.56	70	90497	14.508	ng	# 84
25) Isophorone	7.56	82	649824	38.912	ng	# 64
49) Dimethylphthalate	9.74	163	117228	6.743	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	31731	6.777	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	578	5.629	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	20791	3.782	ng	# 1

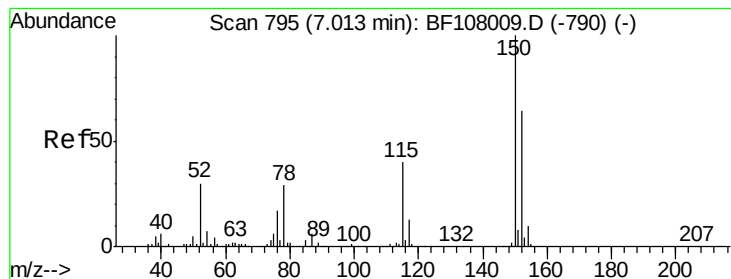
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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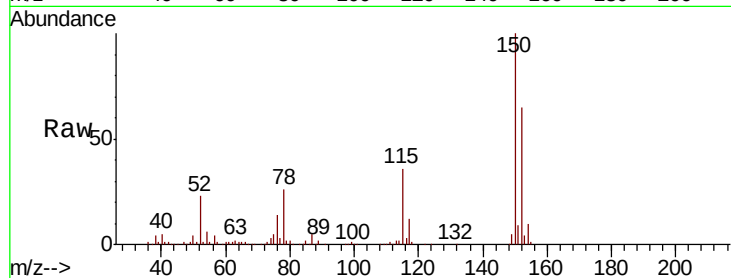


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	56.1	50.1	75.1

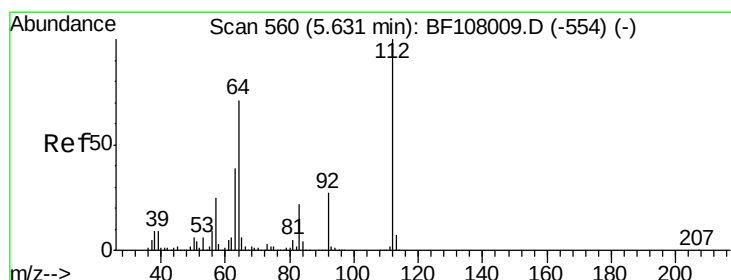
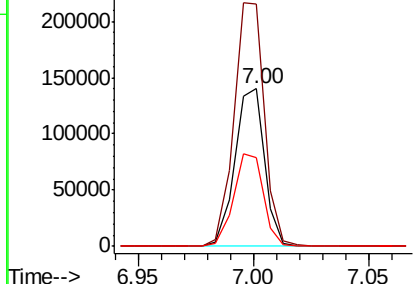
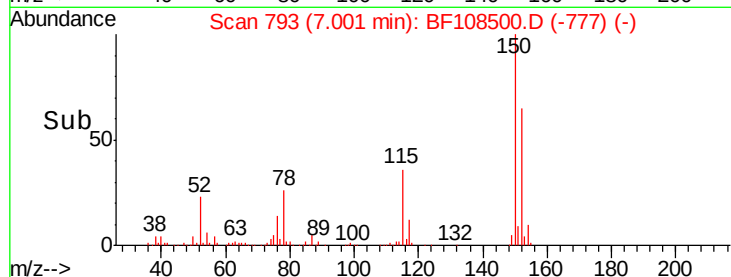


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

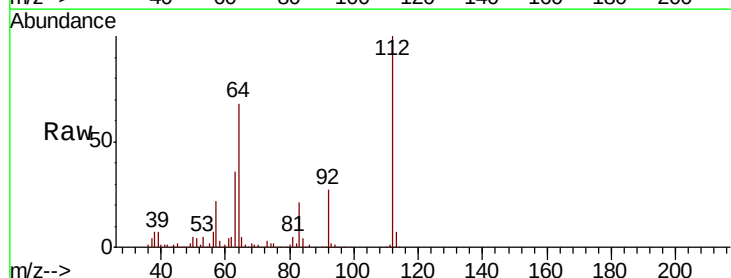
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.941 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	47.9	71.9
63	35.7	23.7	35.5

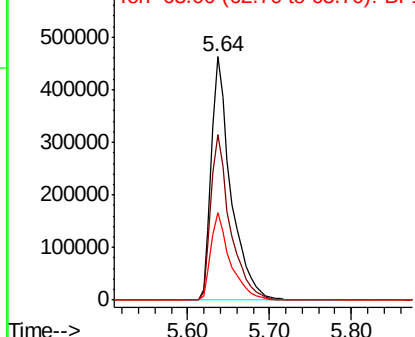
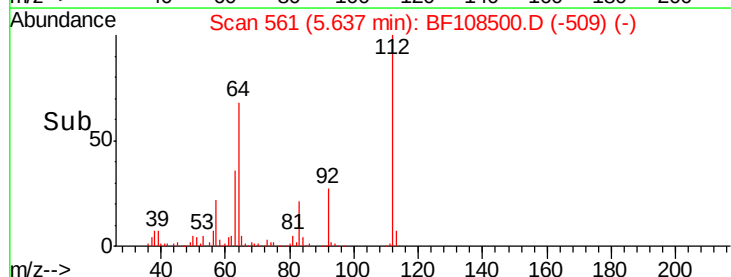


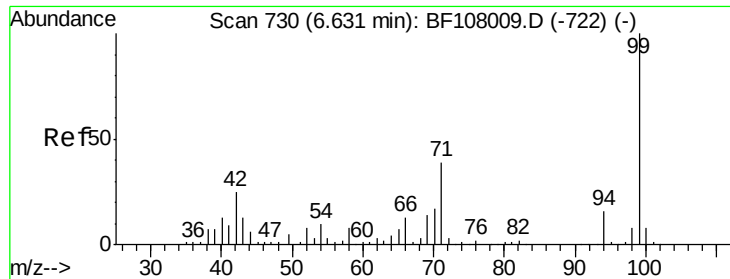
Abundance

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: 103.979 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108500.D

Acq: 27 Aug 2018 10:42

Instrument :

BNA_F

ClientSampled :

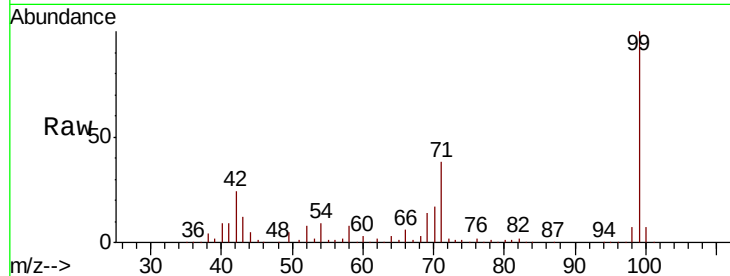
Tot Ion: 99 Resp: 959114

Ion Ratio Lower Upper

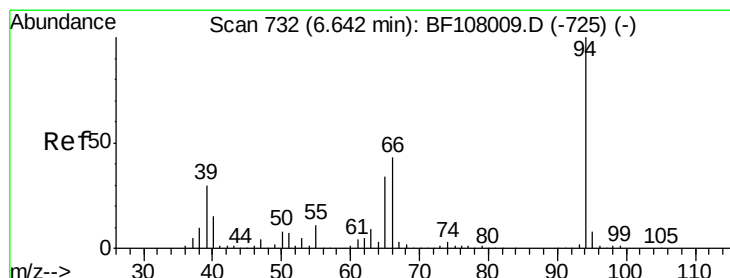
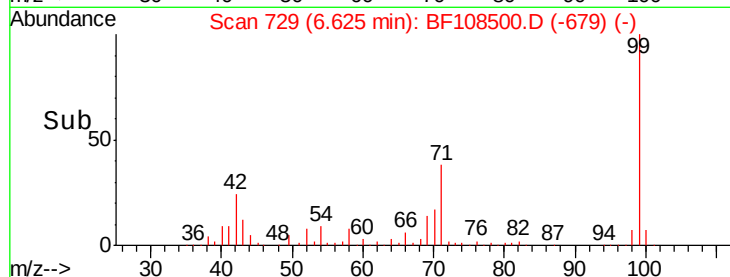
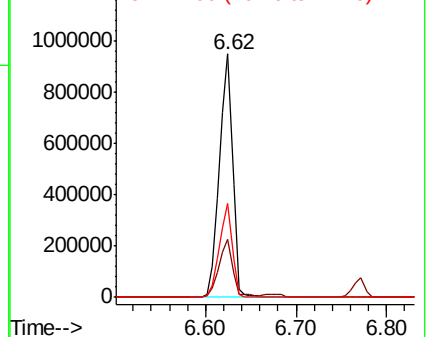
99 100

42 23.6 14.5 21.7#

71 38.3 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



#10

Phenol

Concen: 2.216 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108500.D

Acq: 27 Aug 2018 10:42

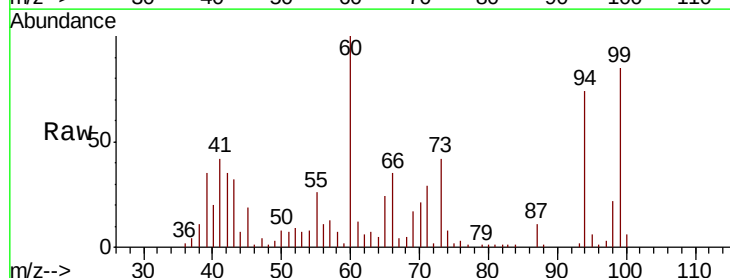
Tgt Ion: 94 Resp: 21144

Ion Ratio Lower Upper

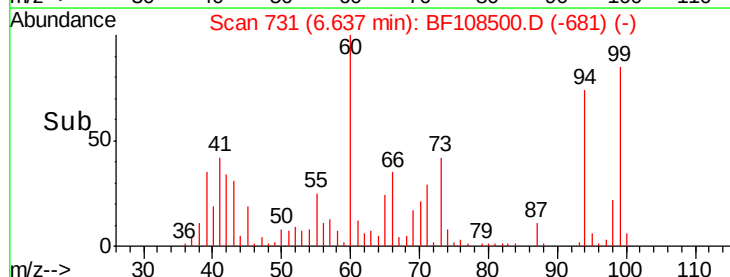
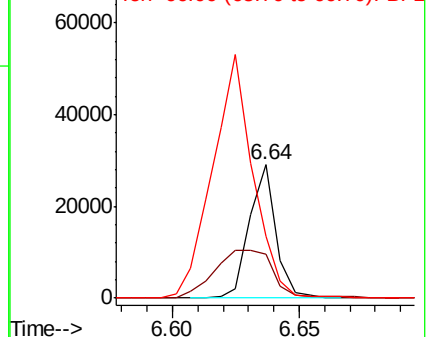
94 100

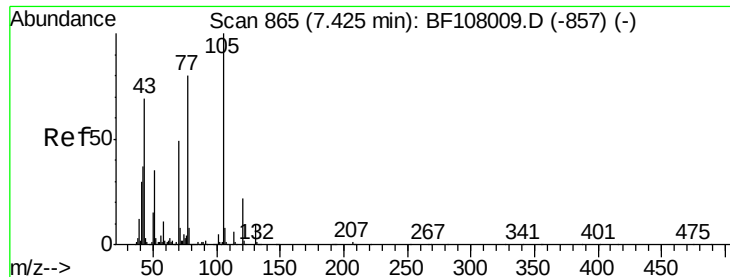
65 33.0 7.9 47.9

66 46.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

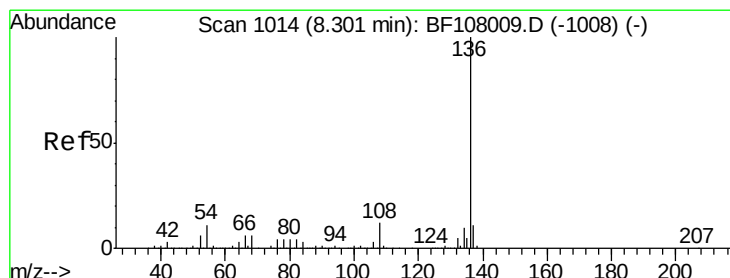
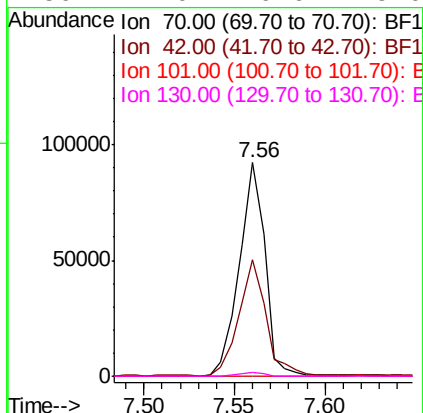
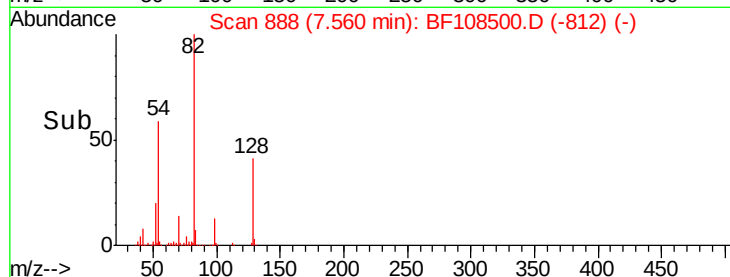
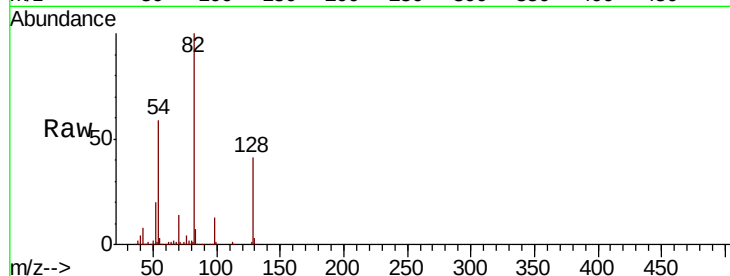




#19
n-Nitroso-di-n-propylamine
Concen: 14.508 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

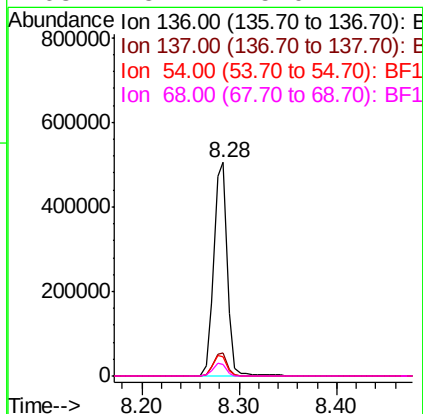
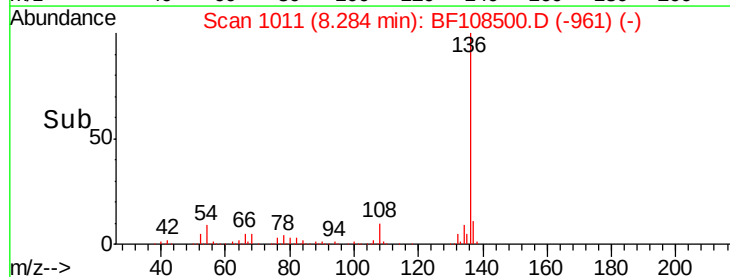
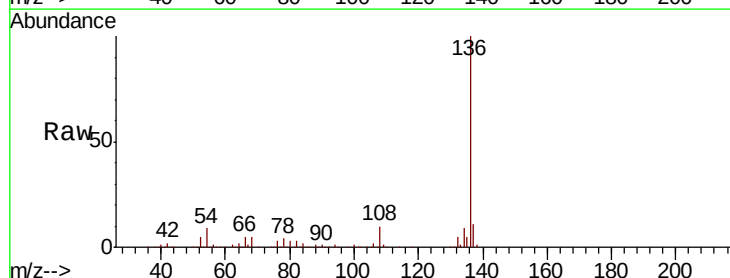
Instrument :
BNA_F
ClientSampled :

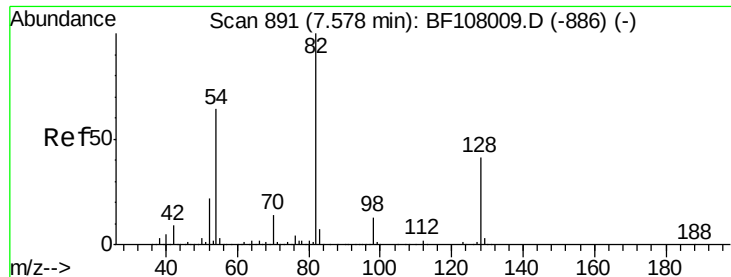
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	6.6	9.8
68	5.2	5.0	7.4

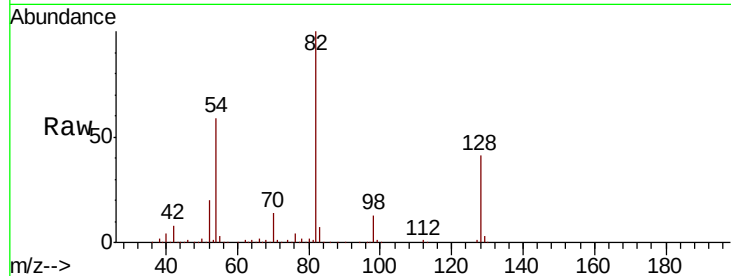




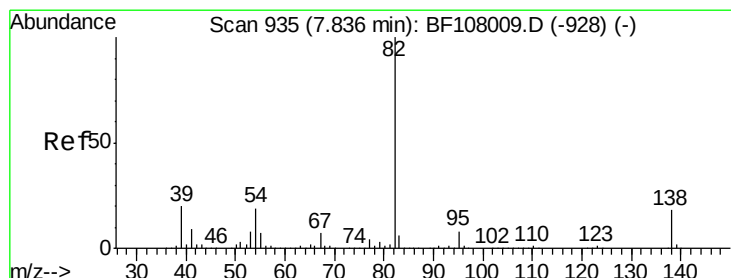
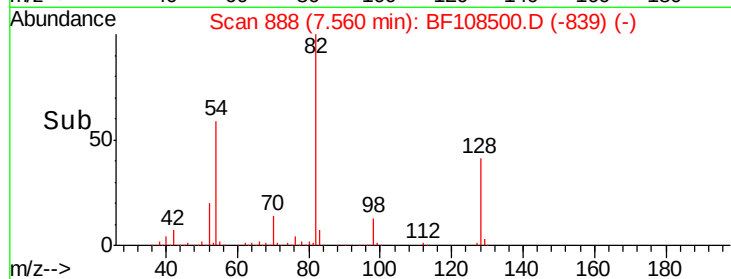
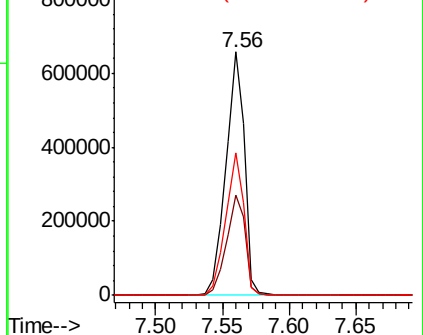
#23
Nitrobenzene-d5
Concen: 74.169 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	649829
Ion Ratio	Lower	Upper	
82	100		
128	41.0	36.1	54.1
54	58.7	41.4	62.2

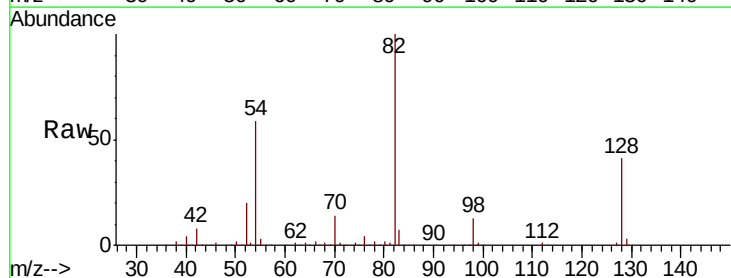


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

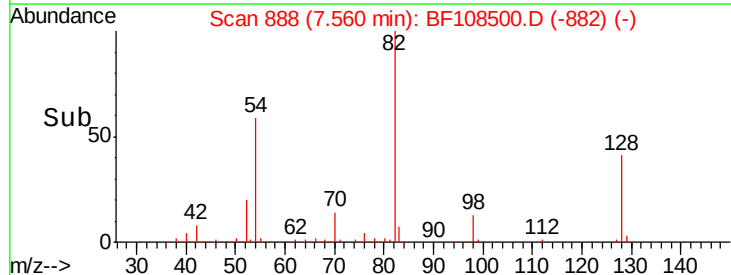
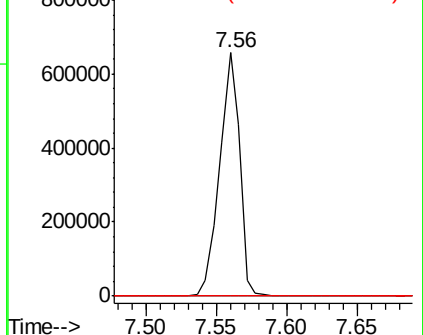


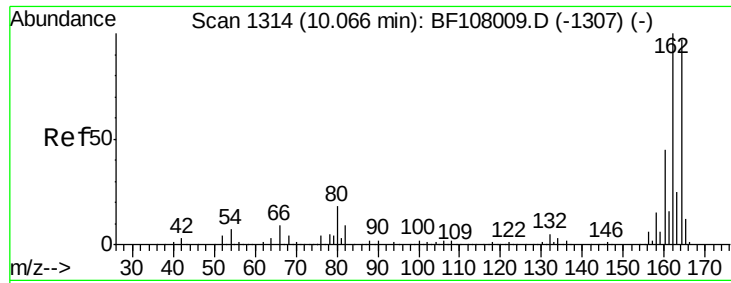
#25
Isophorone
Concen: 38.912 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Tgt Ion	82	Resp	649824
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

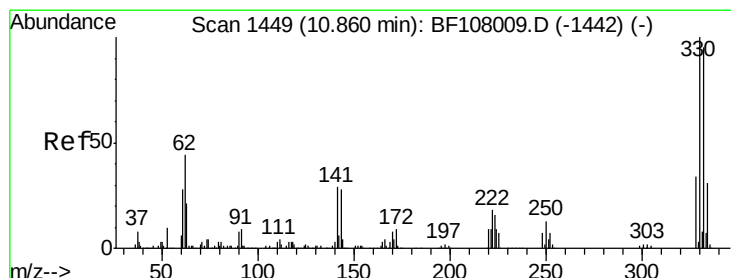
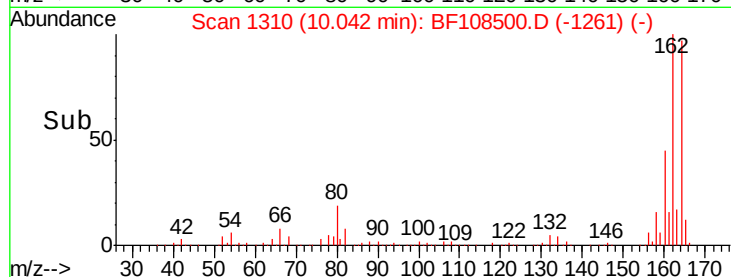
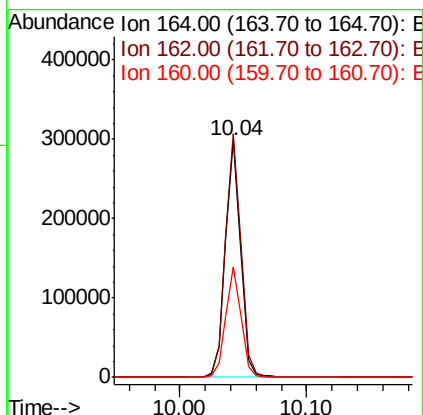
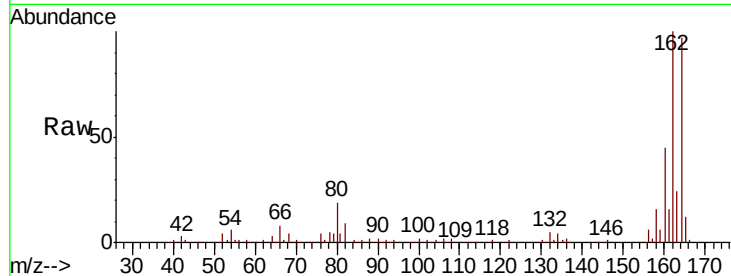




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108500.D
 Acq: 27 Aug 2018 10:42

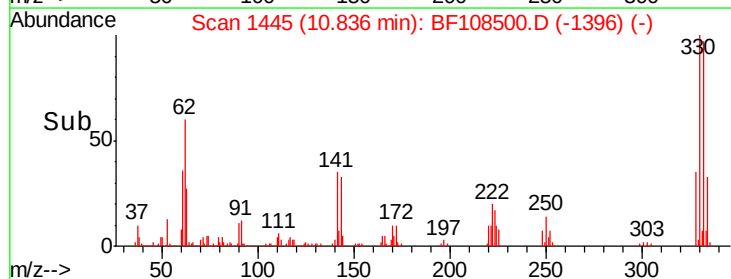
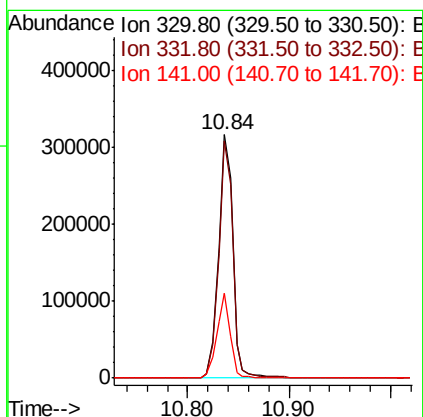
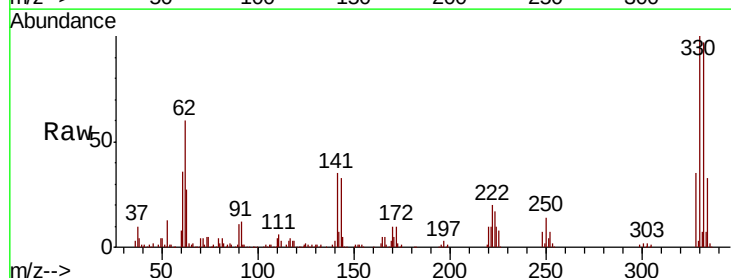
Instrument :
 BNA_F
 ClientSampleId :

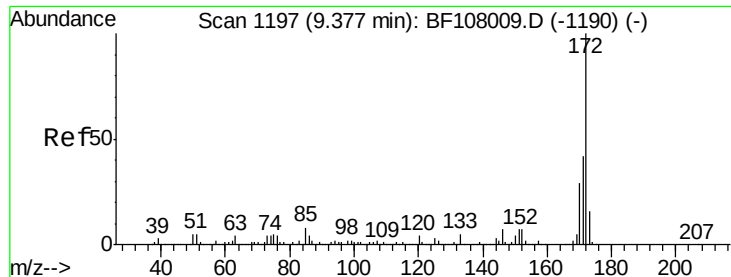
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.7	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 124.714 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108500.D
 Acq: 27 Aug 2018 10:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.6	29.9	44.9

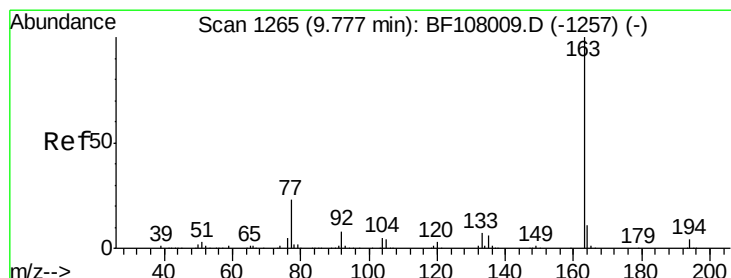
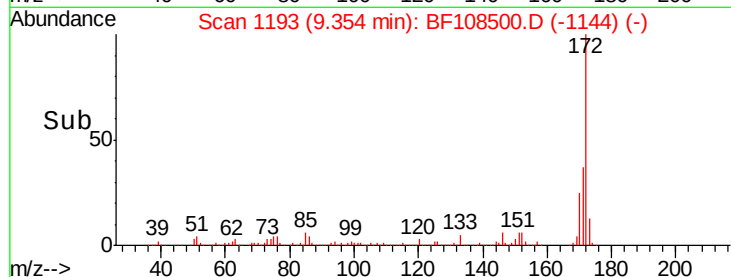
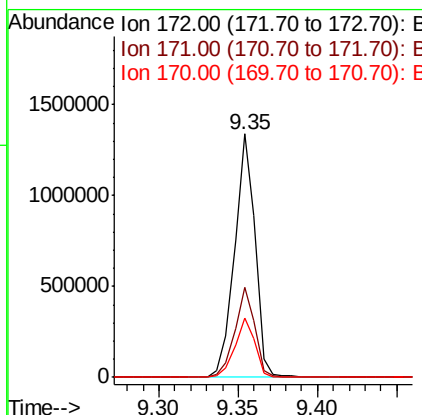
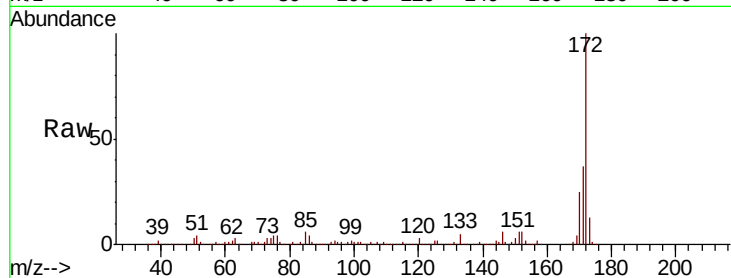




#44
2-Fluorobiphenyl
Concen: 77.572 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

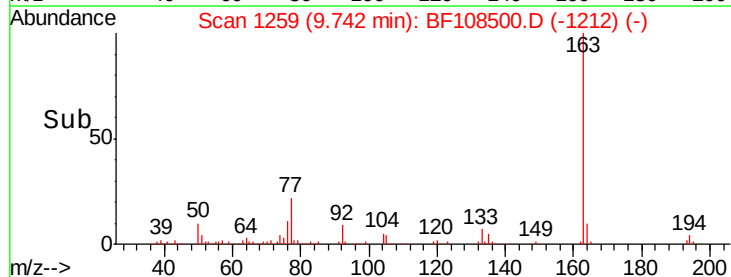
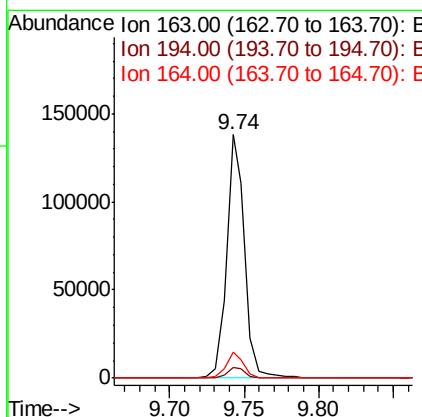
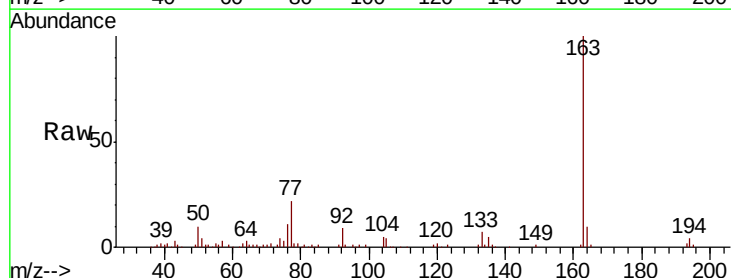
Instrument :
BNA_F
ClientSampleId :

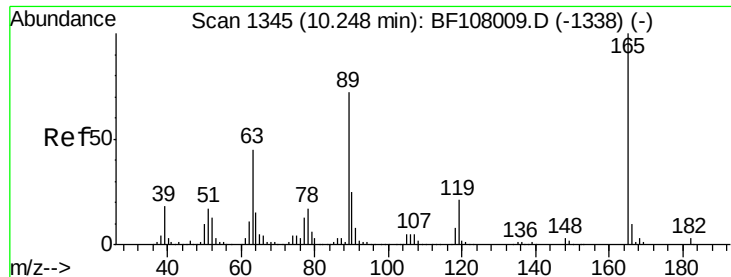
Tot Ion:172 Resp: 1205907
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 6.743 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Tgt Ion:163 Resp: 117228
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.5 8.2 12.2

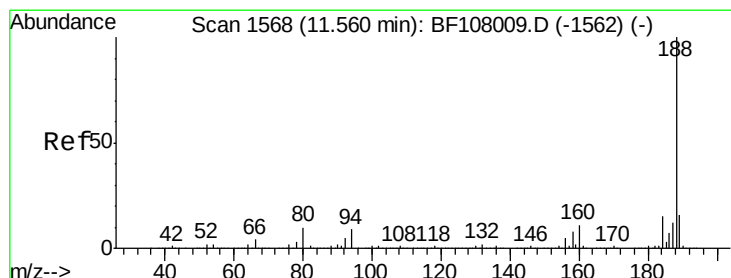
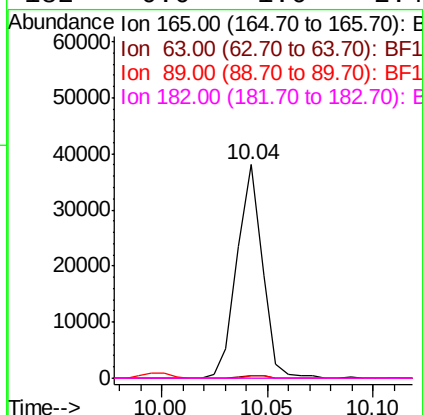
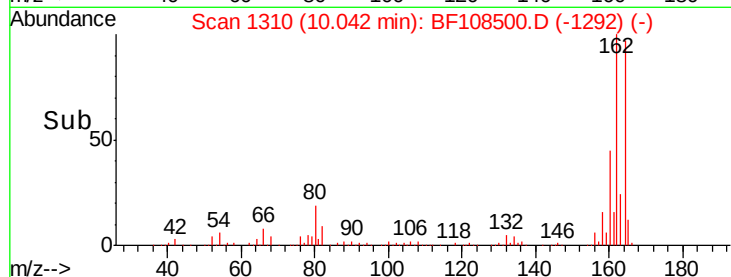
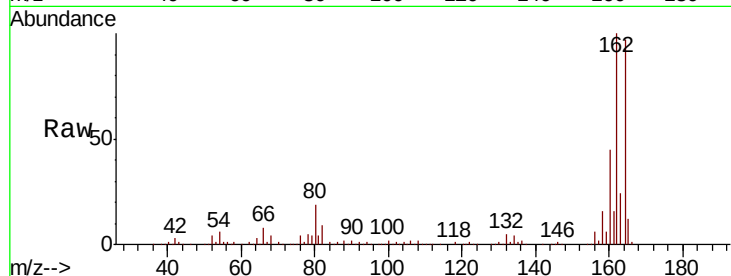




#56
 2,4-Dinitrotoluene
 Concen: 6.777 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108500.D
 Acq: 27 Aug 2018 10:42

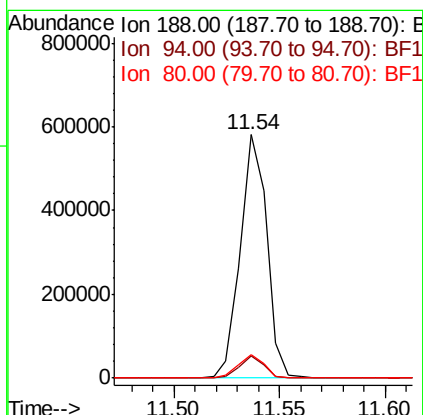
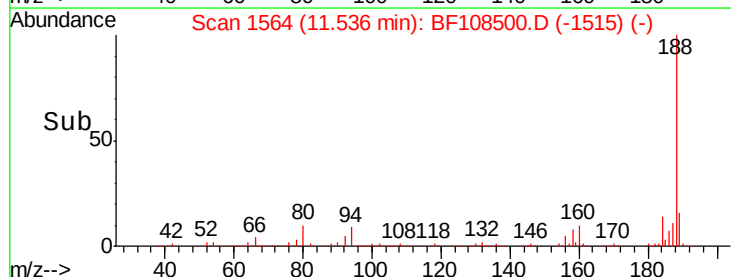
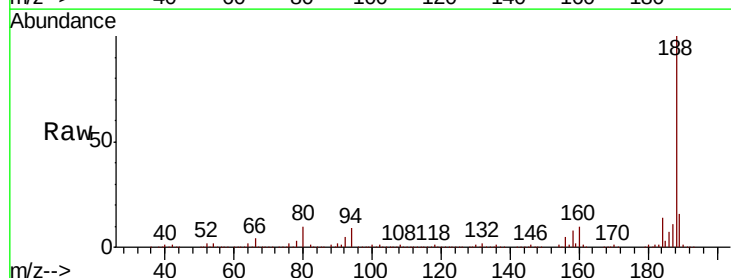
Instrument :
 BNA_F
 ClientSampled :

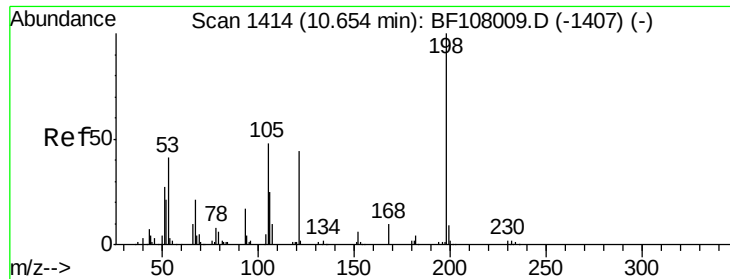
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108500.D
 Acq: 27 Aug 2018 10:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.8	9.2	13.8

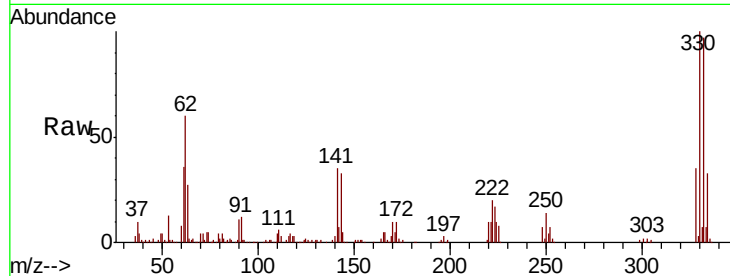




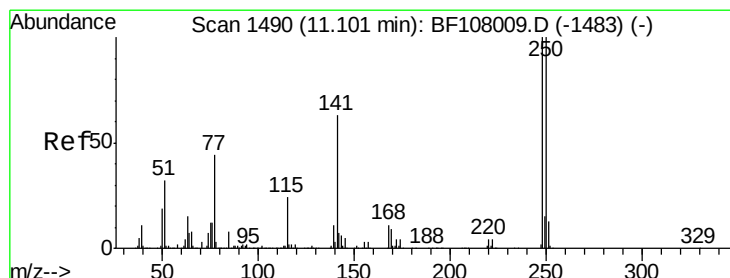
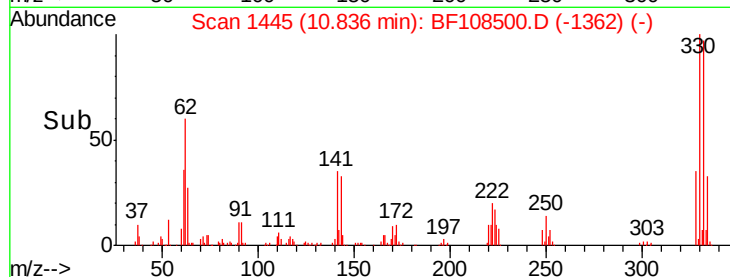
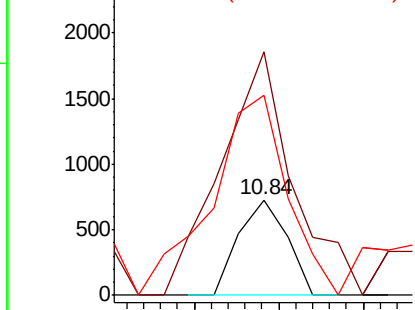
#64
4,6-Dinitro-2-methylphenol
Concen: 5.629 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 578
Ion Ratio Lower Upper
198 100
51 256.0 37.7 77.7#
105 210.1 36.3 76.3#

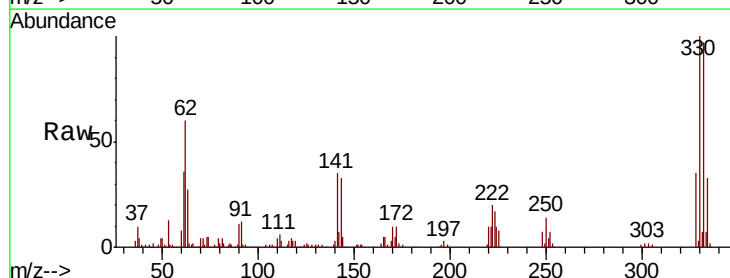


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

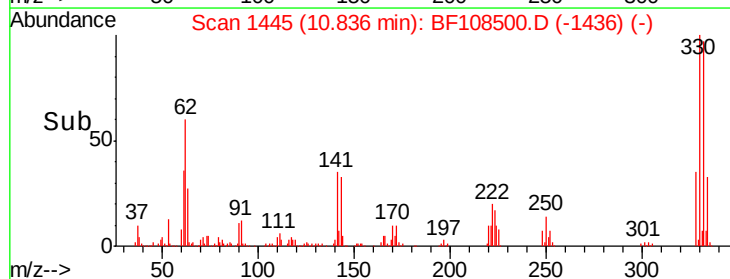
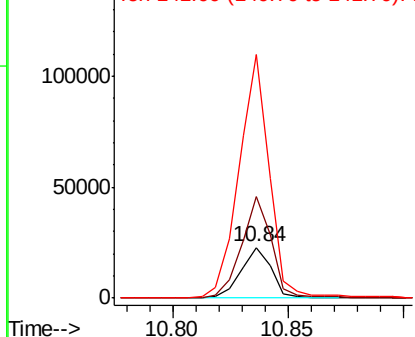


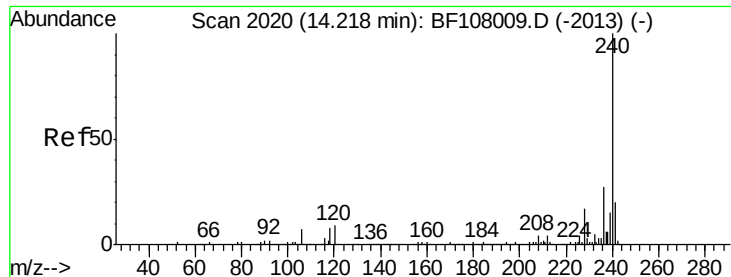
#66
4-Bromophenyl-phenylether
Concen: 3.782 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Tgt Ion:248 Resp: 20791
Ion Ratio Lower Upper
248 100
250 201.3 76.9 115.3#
141 483.6 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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108500.D

Acq: 27 Aug 2018 10:42

Instrument :

BNA_F

ClientSampled :

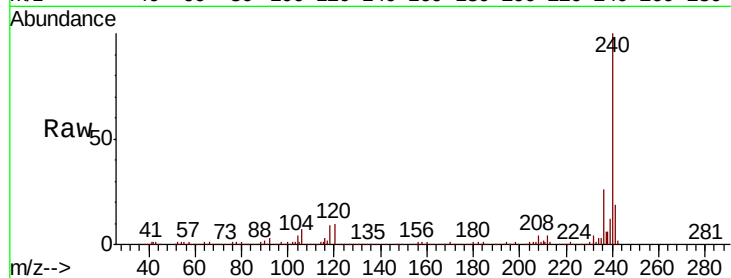
Tot Ion:240 Resp: 348258

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

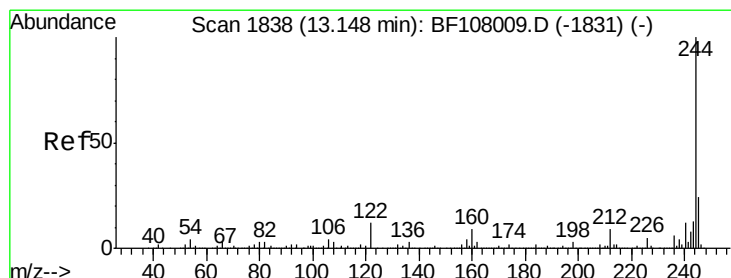
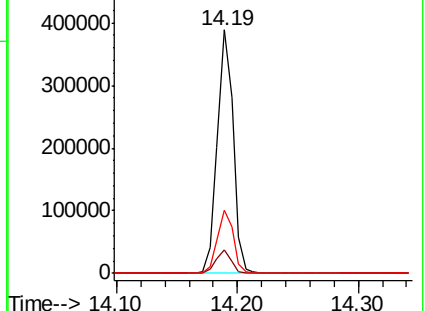
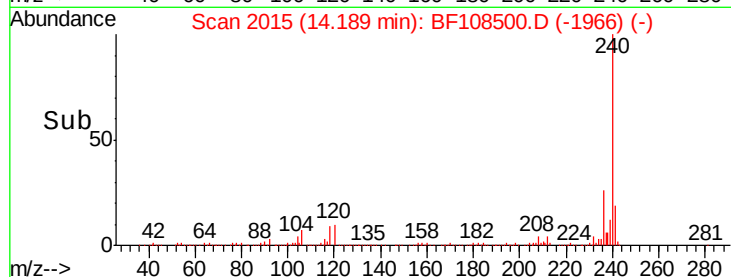
236 25.9 20.7 31.1



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: 93.642 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108500.D

Acq: 27 Aug 2018 10:42

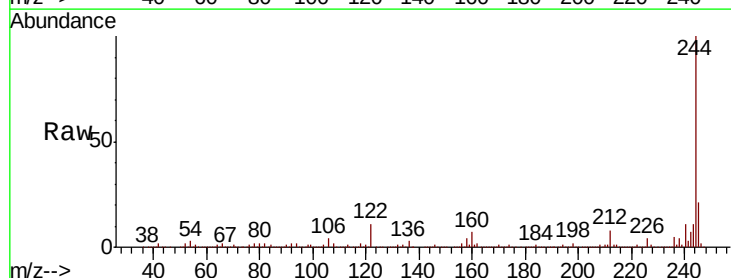
Tgt Ion:244 Resp: 1282630

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

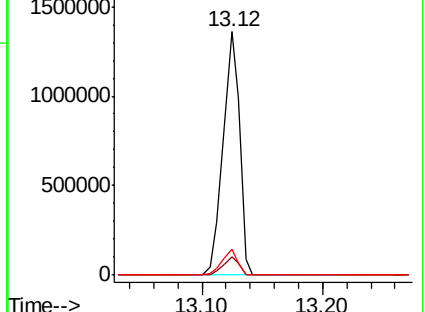
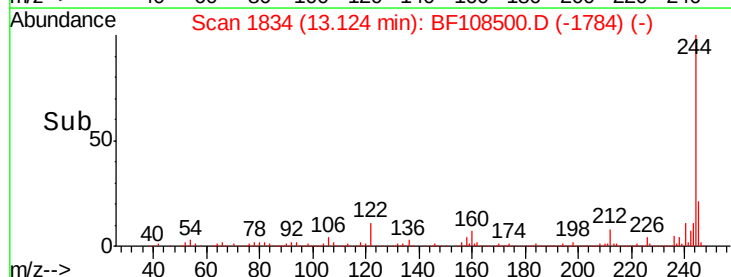
122 10.8 11.0 16.4#

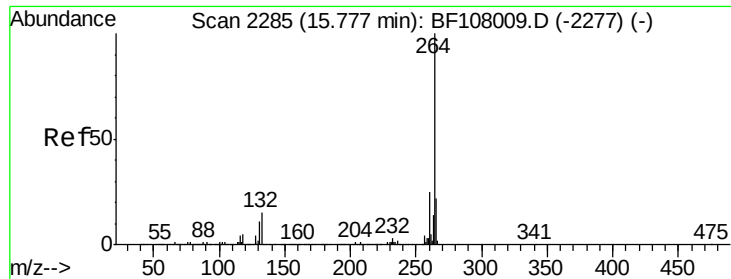


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108500.D
Acq: 27 Aug 2018 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	298101
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.5	17.5	26.3

