

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
 Data File : BF108457.D
 Acq On : 24 Aug 2018 8:39
 Operator : JU/SJ
 Sample : J4582-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 10:45:29 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	147054	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	530401	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	248205	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	404647	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	300463	20.00	ng	-0.01
86) Perylene-d12	15.74	264	261770	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	368364	45.35	ng	0.00
7) Phenol-d6	6.61	99	308051	28.54	ng	-0.02
23) Nitrobenzene-d5	7.57	82	962824	101.30	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	208183	84.09	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1692824	109.50	ng	0.00
78) Terphenyl-d14	13.12	244	1225099	103.67	ng	0.00

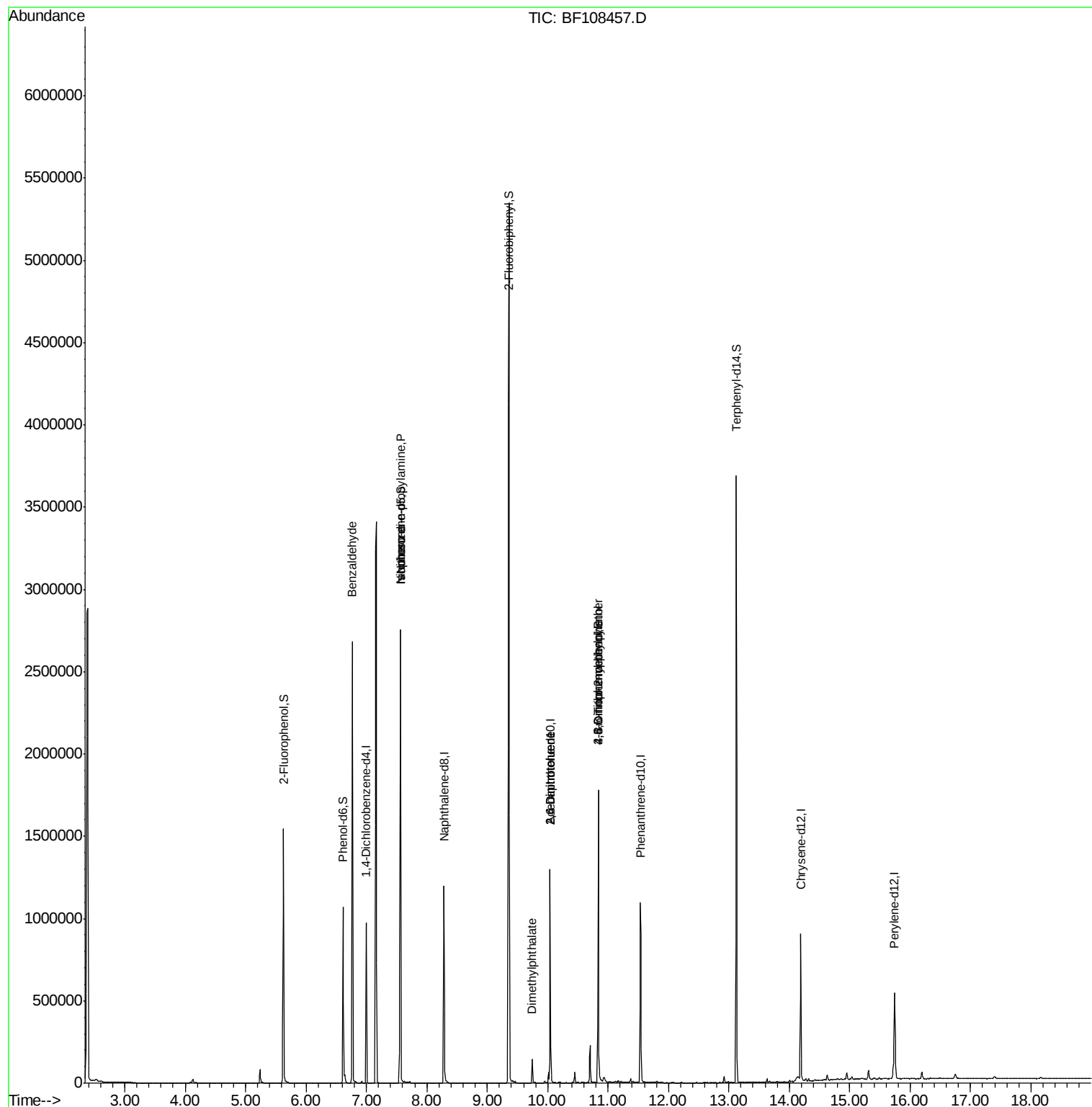
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.77	77	16904	2.020	ng	# 71
19) n-Nitroso-di-n-propylamine	7.57	70	132010	18.086	ng	# 82
25) Isophorone	7.57	82	962814	53.144	ng	# 64
49) Dimethylphthalate	9.74	163	65565	3.792	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	31645	8.748	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	31645	6.796	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	279	5.522	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	13752	3.127	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108457.D
Acq On : 24 Aug 2018 8:39
Operator : JU/SJ
Sample : J4582-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 24 10:45:29 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



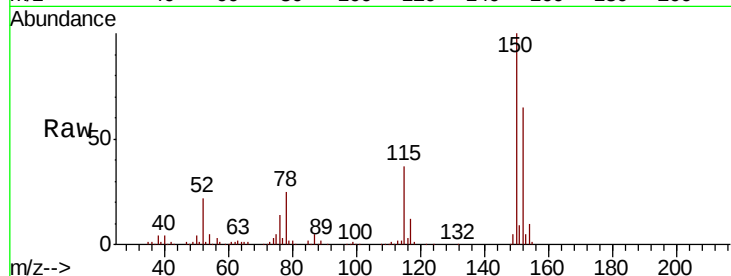


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	56.1	50.1	75.1

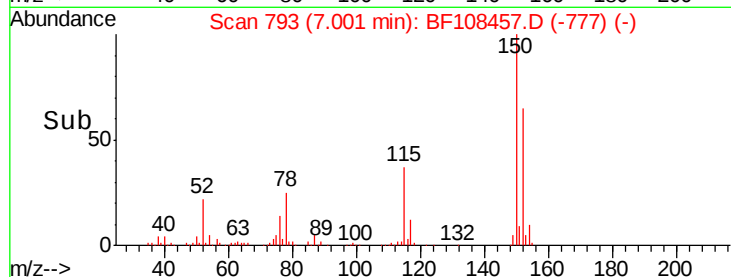
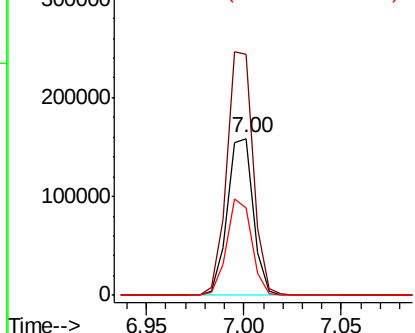


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

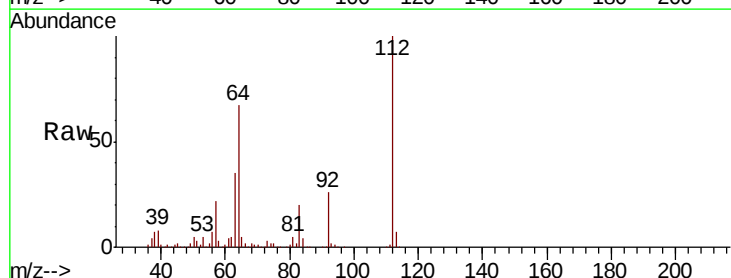
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.351 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	47.9	71.9
63	35.3	23.7	35.5

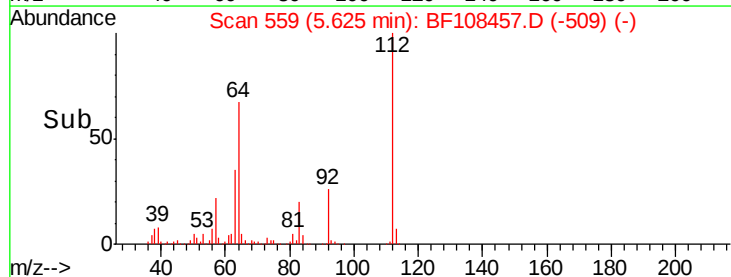
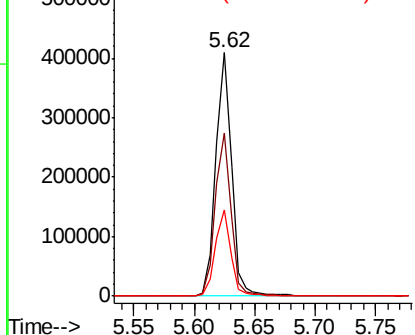


Abundance

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: 28.540 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108457.D

Acq: 24 Aug 2018 8:39

Instrument :

BNA_F

ClientSampled :

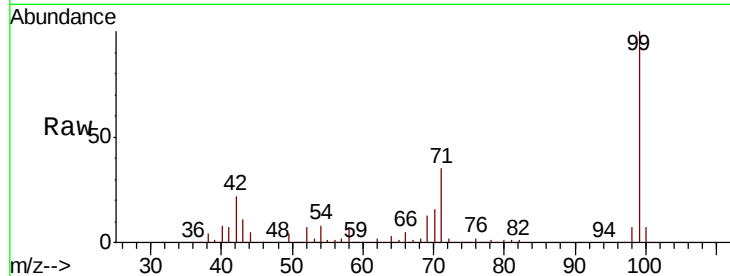
Tot Ion: 99 Resp: 308051

Ion Ratio Lower Upper

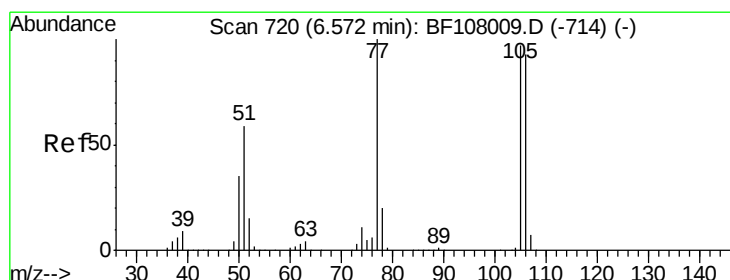
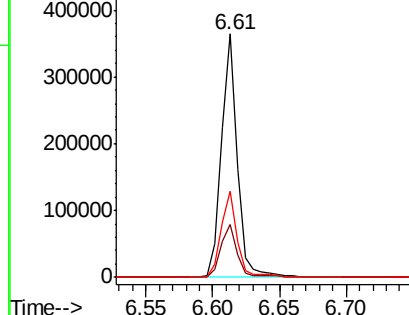
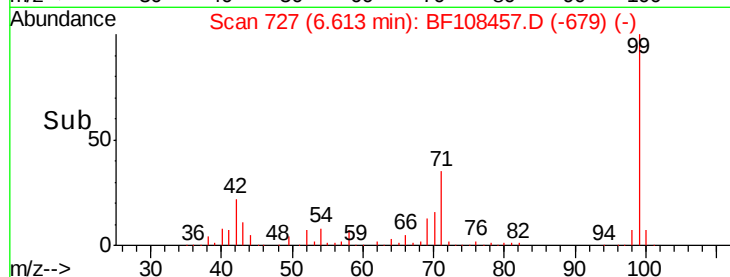
99 100

42 21.7 14.5 21.7#

71 35.4 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



#9

Benzaldehyde

Concen: 2.020 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.21 min

Lab File: BF108457.D

Acq: 24 Aug 2018 8:39

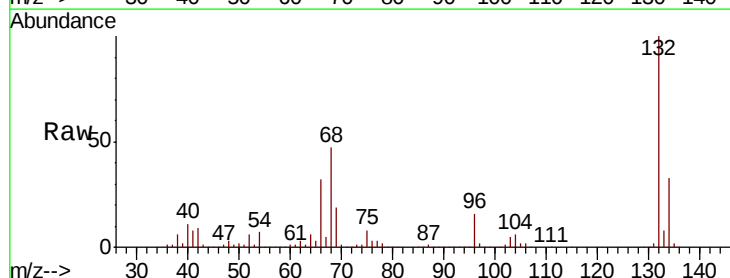
Tgt Ion: 77 Resp: 16904

Ion Ratio Lower Upper

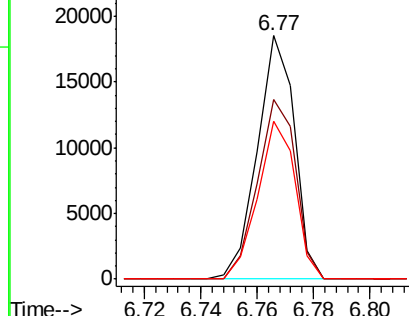
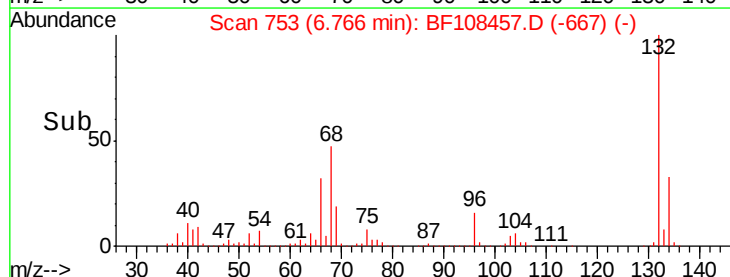
77 100

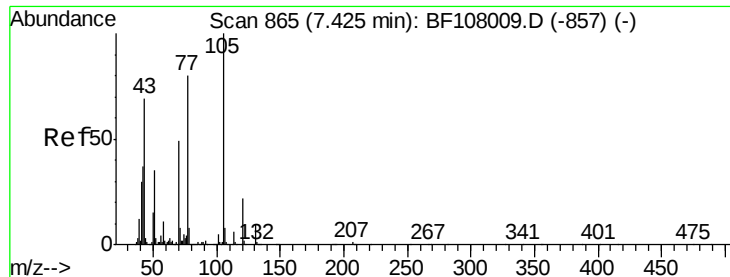
105 73.7 81.1 121.1#

106 64.9 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.086 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108457.D

Acq: 24 Aug 2018 8:39

Instrument :

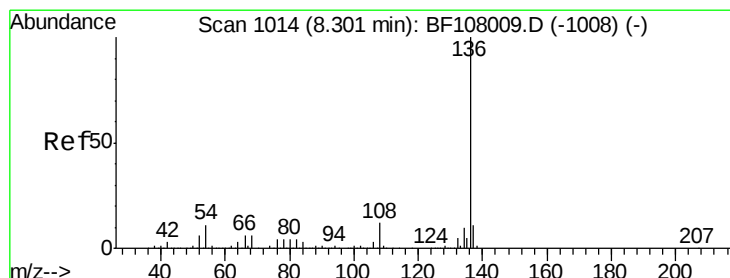
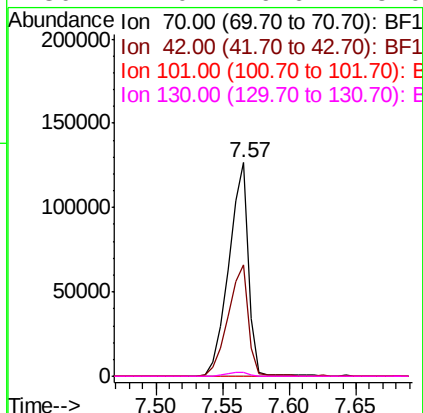
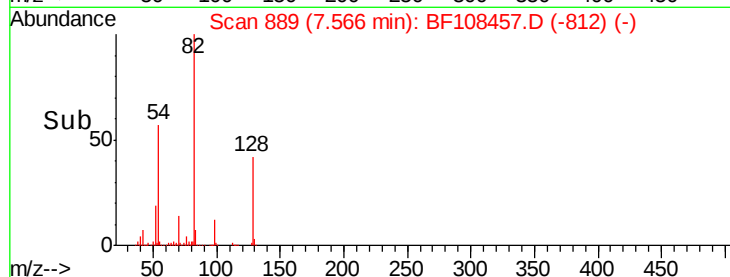
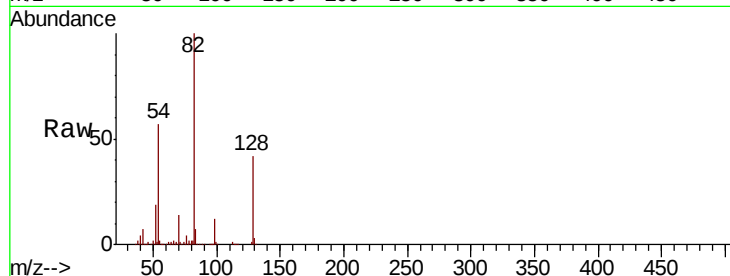
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 132010

Ion Ratio Lower Upper

70	100		
42	52.4	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

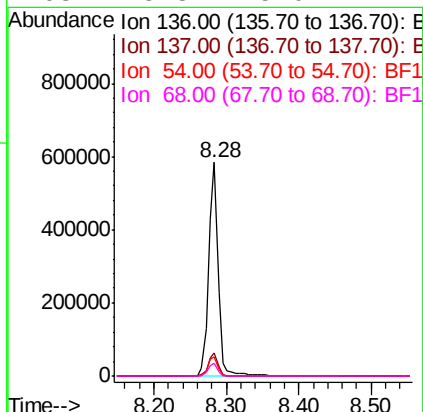
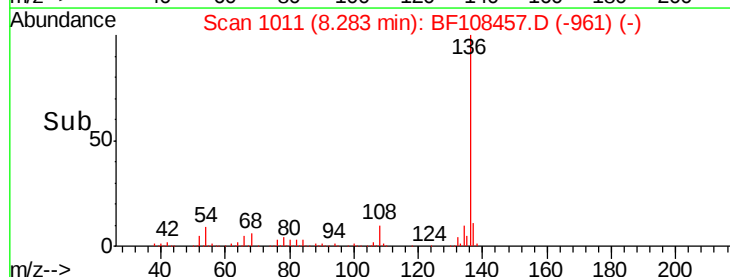
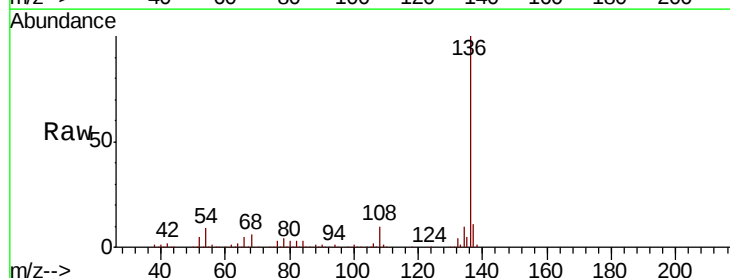
Lab File: BF108457.D

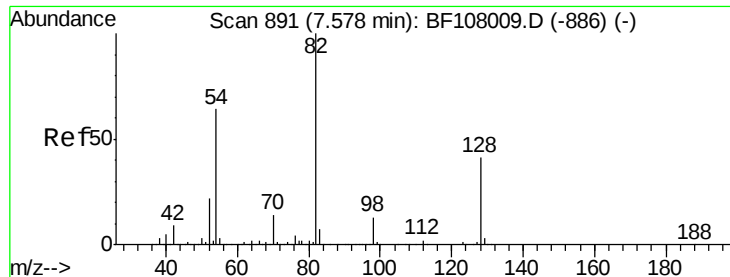
Acq: 24 Aug 2018 8:39

Tgt Ion: 136 Resp: 530401

Ion Ratio Lower Upper

136	100		
137	10.9	8.9	13.3
54	9.0	6.6	9.8
68	5.8	5.0	7.4





#23

Nitrobenzene-d5

Concen: 101.295 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108457.D

Acq: 24 Aug 2018 8:39

Instrument :

BNA_F

ClientSampled :

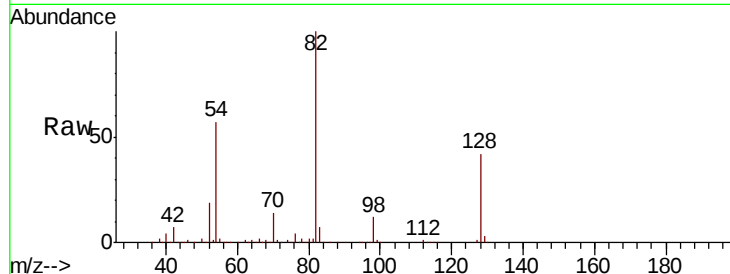
Tot Ion: 82 Resp: 962824

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

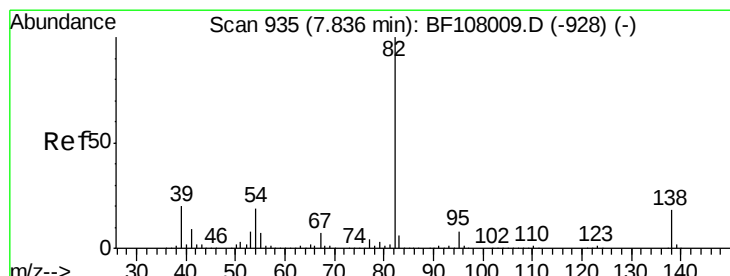
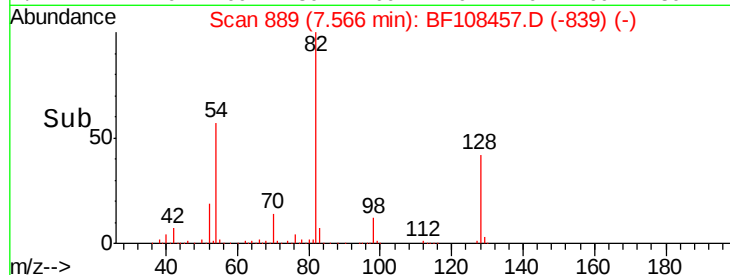
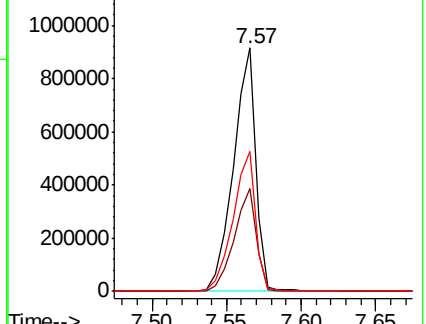
54 57.4 41.4 62.2



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: 53.144 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108457.D

Acq: 24 Aug 2018 8:39

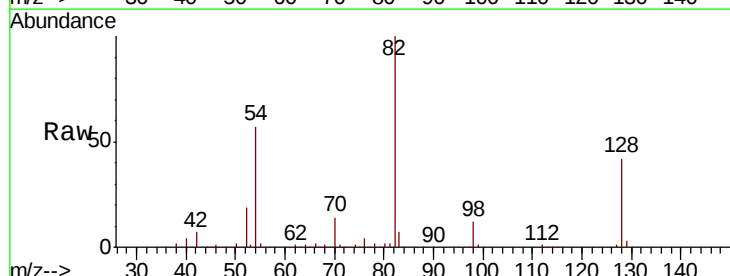
Tgt Ion: 82 Resp: 962814

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

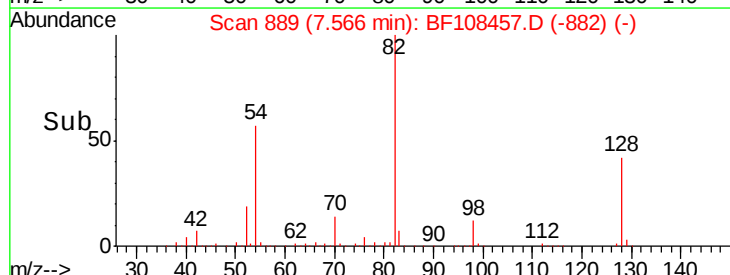
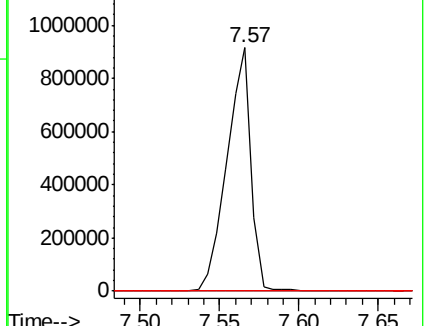
138 0.0 14.9 22.3#

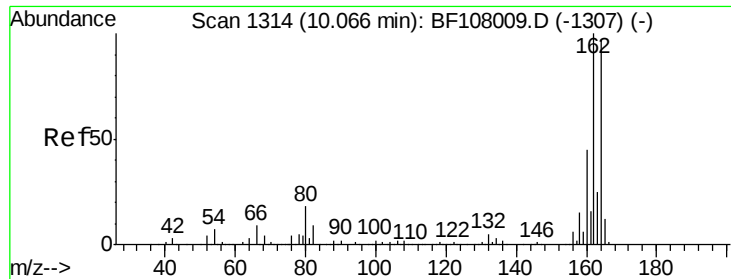


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

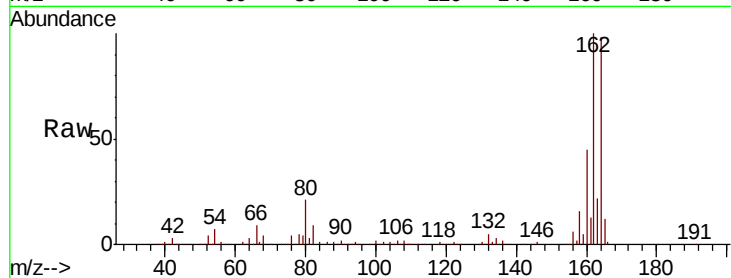




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108457.D
 Acq: 24 Aug 2018 8:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.9	38.3	57.5

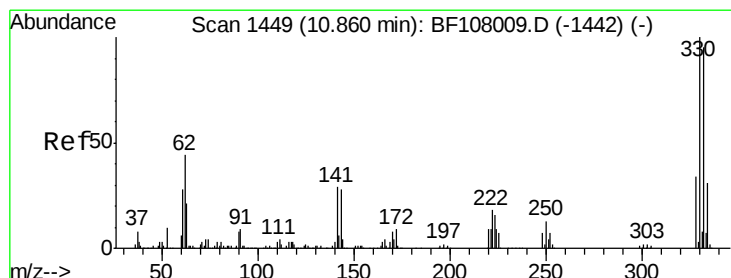
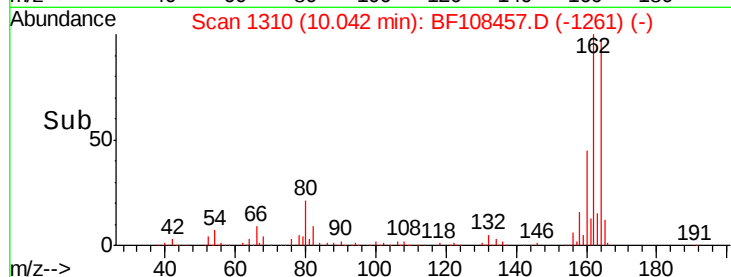
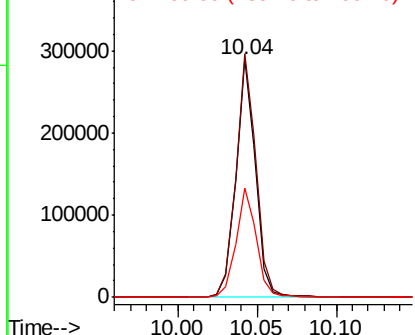


Abundance

Ion 164.00 (163.70 to 164.70): E

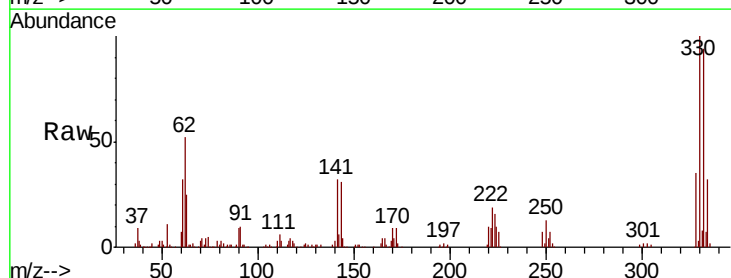
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 84.088 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108457.D
 Acq: 24 Aug 2018 8:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	31.8	29.9	44.9

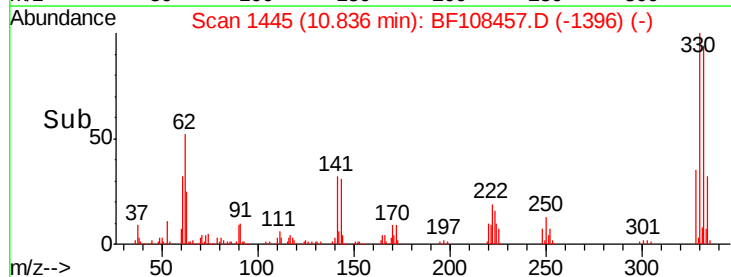
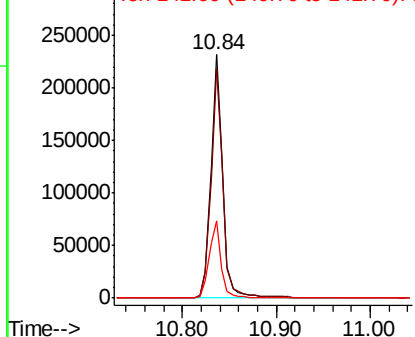


Abundance

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

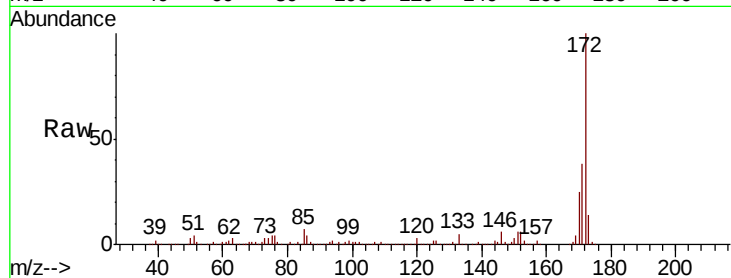




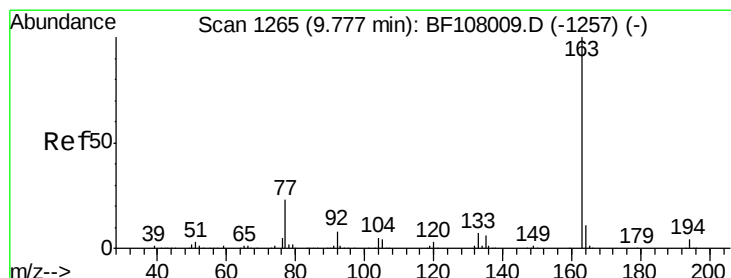
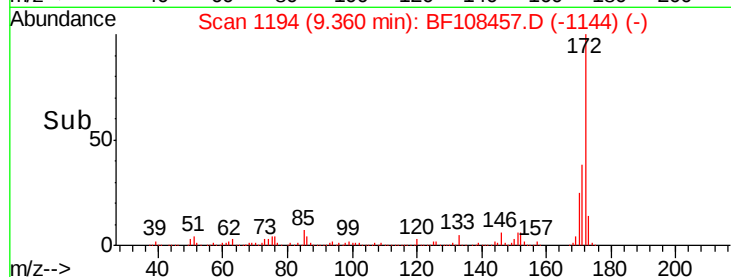
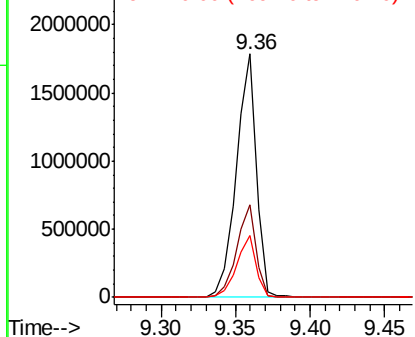
#44
2-Fluorobiphenyl
Concen: 109.497 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1692824
Ion Ratio Lower Upper
172 100
171 37.9 29.7 44.5
170 25.2 19.6 29.4

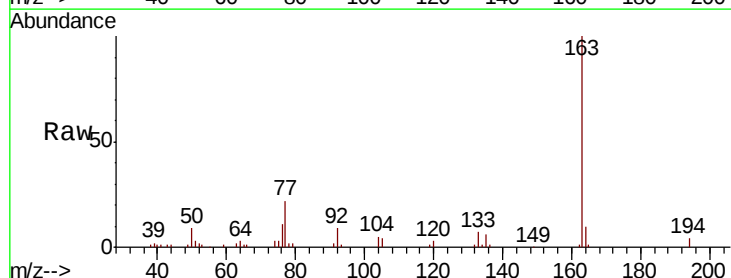


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

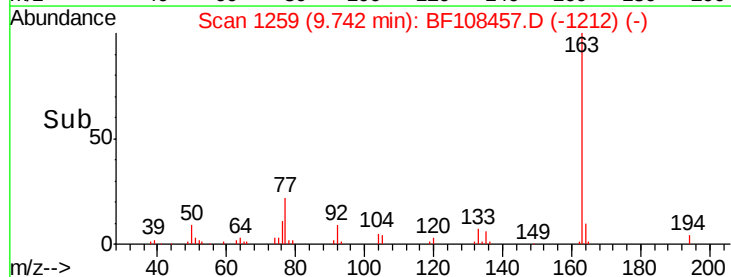
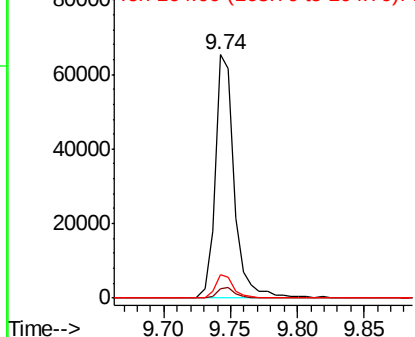


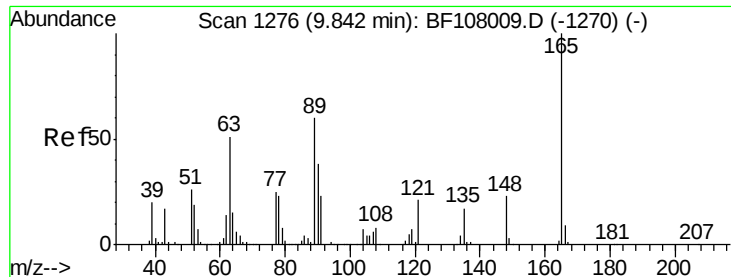
#49
Dimethylphthalate
Concen: 3.792 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108457.D
Acq: 24 Aug 2018 8:39

Tgt Ion:163 Resp: 65565
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.7 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

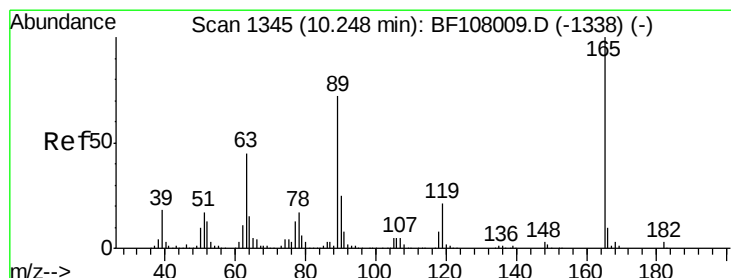
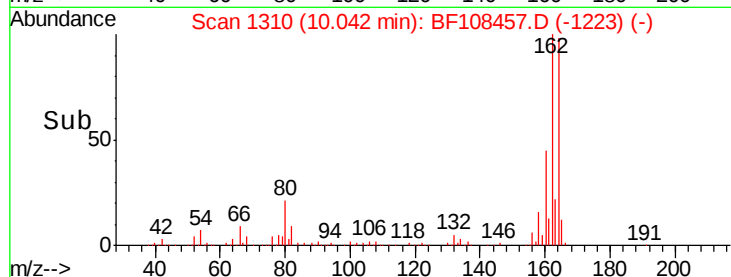
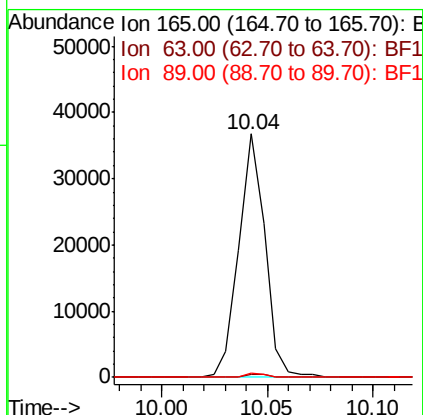
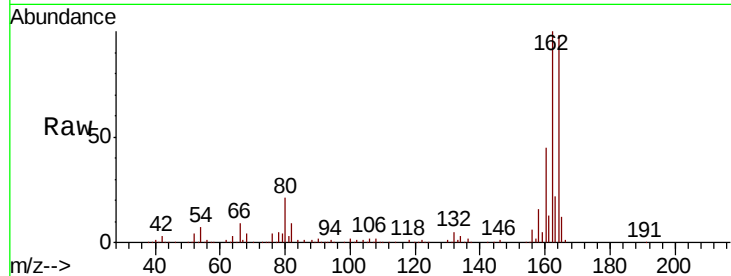




#50
 2,6-Dinitrotoluene
 Concen: 8.748 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108457.D
 Acq: 24 Aug 2018 8:39

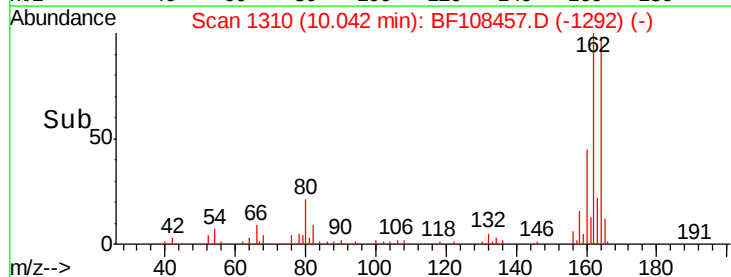
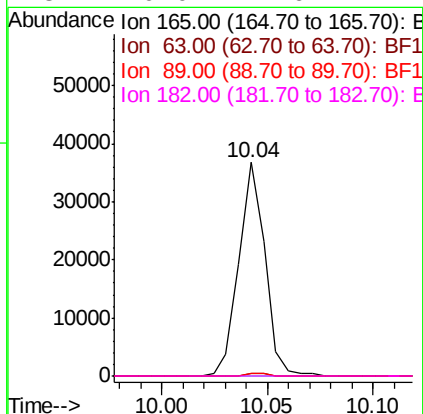
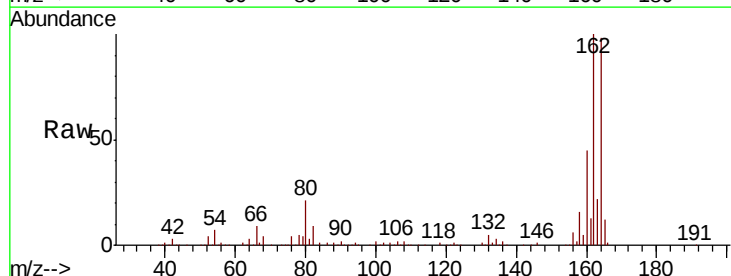
Instrument :
 BNA_F
 ClientSampleId :

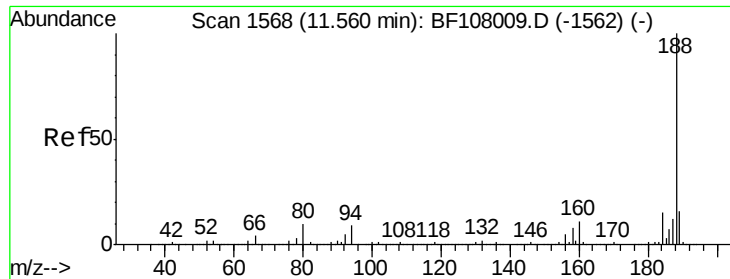
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.796 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108457.D
 Acq: 24 Aug 2018 8:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

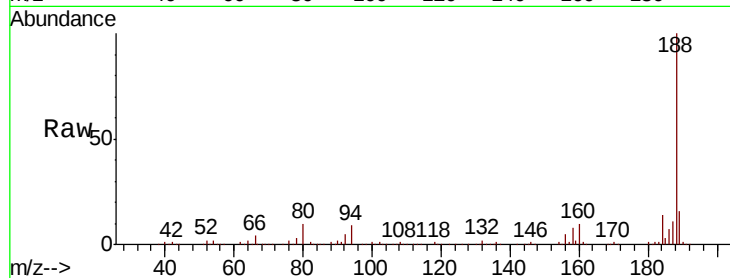




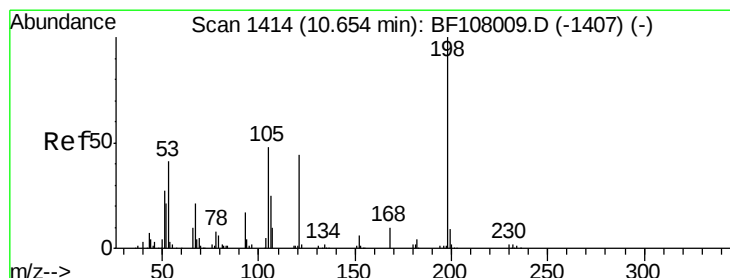
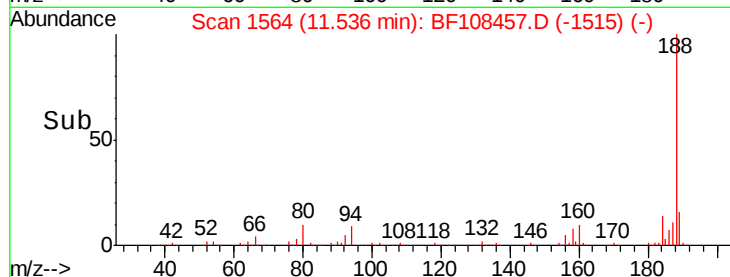
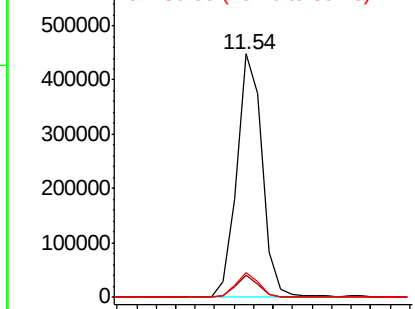
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108457.D
 Acq: 24 Aug 2018 8:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 404647
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.5 12.7
 80 10.0 9.2 13.8

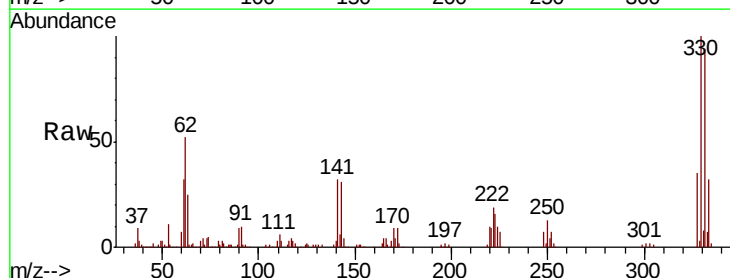


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

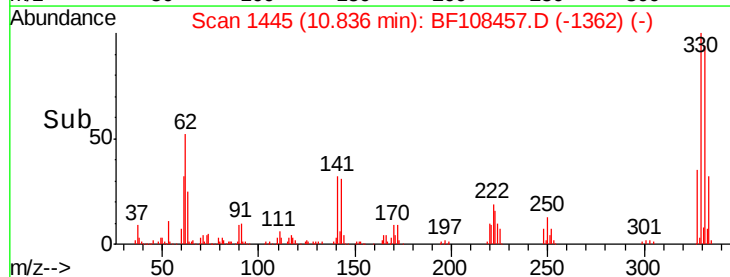
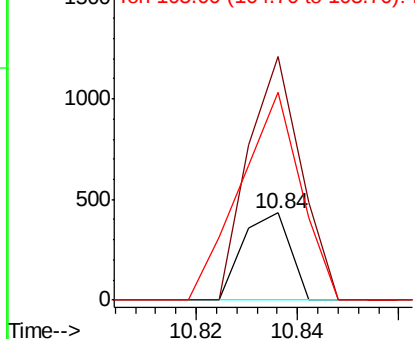


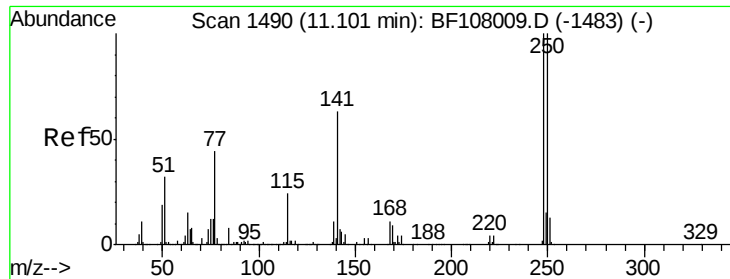
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.522 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108457.D
 Acq: 24 Aug 2018 8:39

Tgt Ion:198 Resp: 279
 Ion Ratio Lower Upper
 198 100
 51 279.9 37.7 77.7#
 105 238.4 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

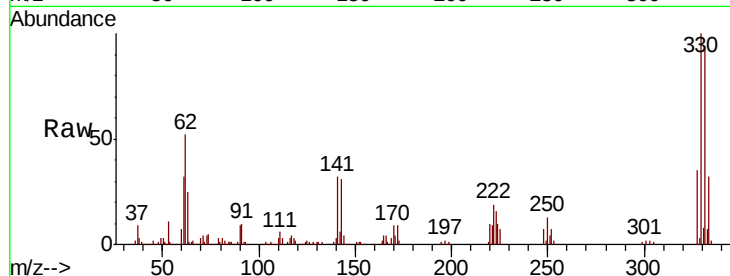




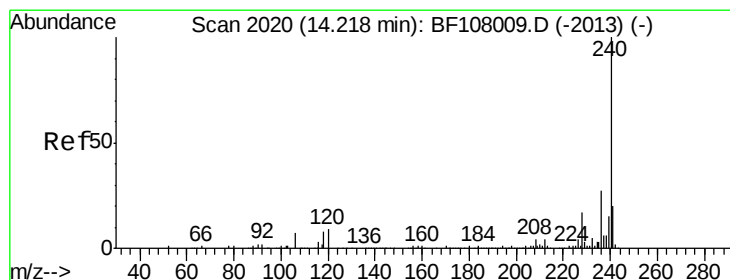
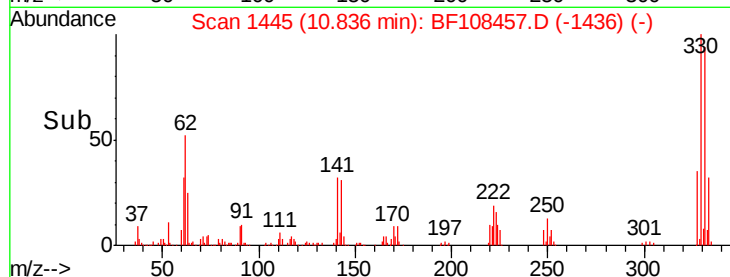
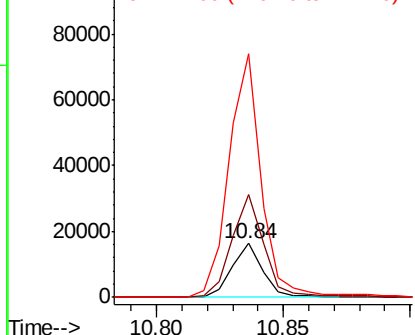
#66
 4-Bromophenyl-phenylether
 Concen: 3.127 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108457.D
 Acq: 24 Aug 2018 8:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 13752
 Ion Ratio Lower Upper
 248 100
 250 189.2 76.9 115.3#
 141 450.3 74.4 111.6#

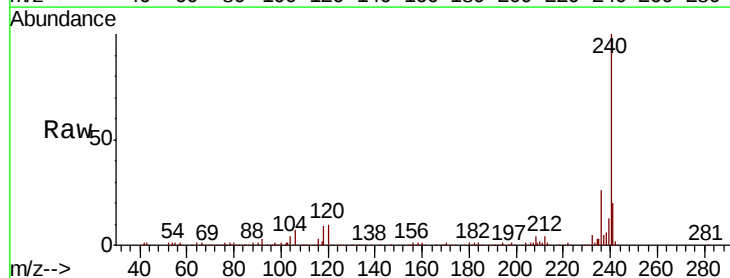


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

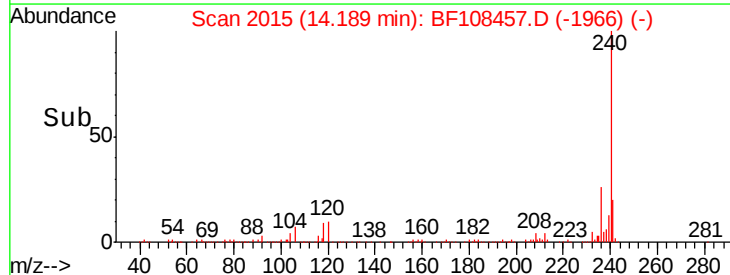
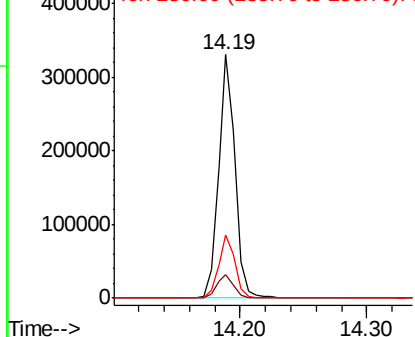


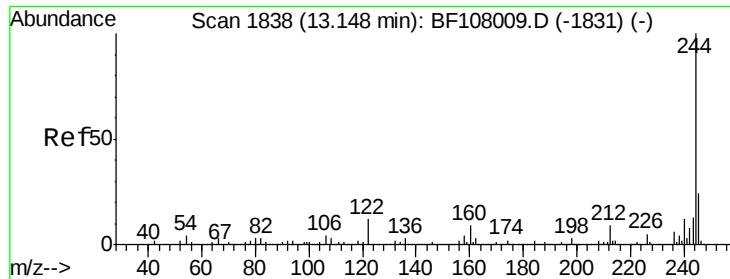
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108457.D
 Acq: 24 Aug 2018 8:39

Tgt Ion:240 Resp: 300463
 Ion Ratio Lower Upper
 240 100
 120 9.6 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

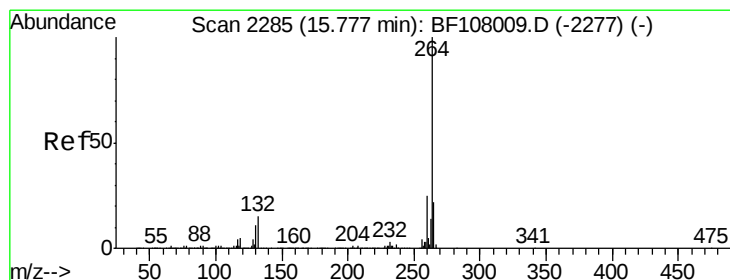
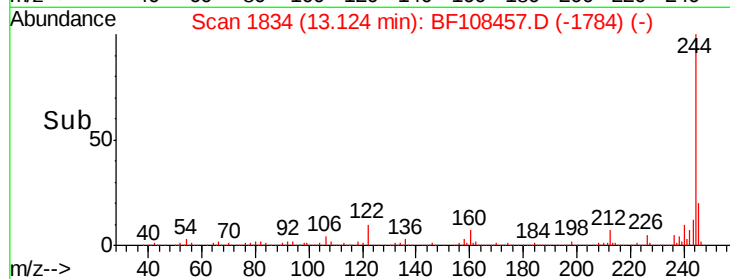
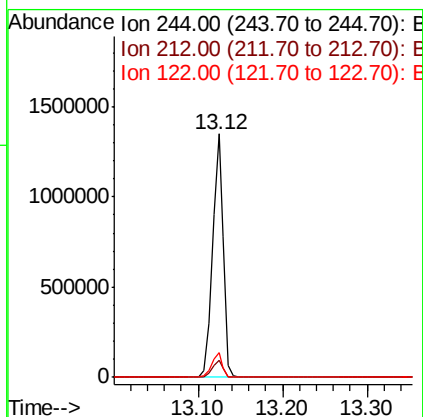
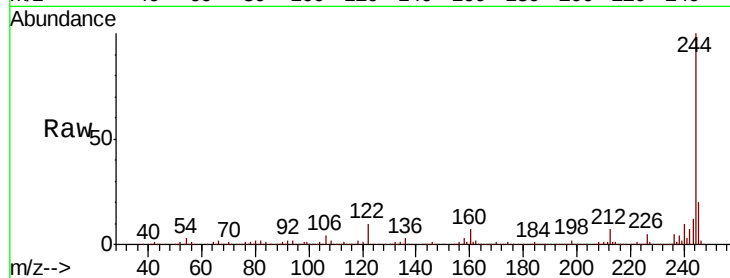




#78
 Terphenyl-d14
 Concen: 103.670 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108457.D
 Acq: 24 Aug 2018 8:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1225099
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.3 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108457.D
 Acq: 24 Aug 2018 8:39

Tgt Ion:264 Resp: 261770
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 17.5 26.3

