

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108450.D
 Acq On : 24 Aug 2018 5:31
 Operator : JU/SJ
 Sample : J4582-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 24 07:57:41 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

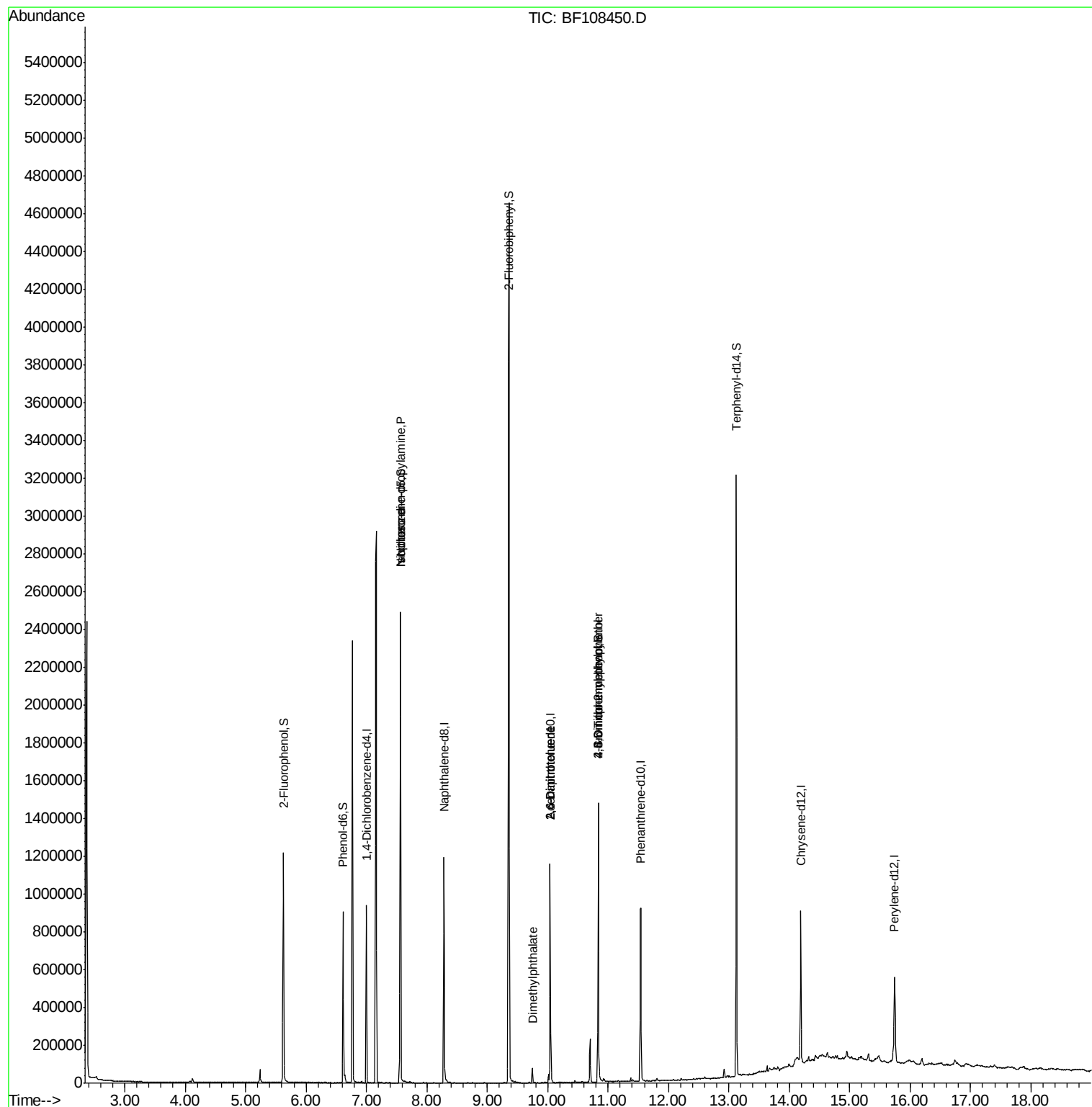
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	135595	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	499109	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	230616	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	364848	20.00	ng	0.00
75) Chrysene-d12	14.19	240	273813	20.00	ng	-0.01
86) Perylene-d12	15.74	264	240109	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	305596	40.80	ng	0.00
7) Phenol-d6	6.61	99	255102	25.63	ng	-0.02
23) Nitrobenzene-d5	7.57	82	807005	90.22	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	171752	74.66	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1466323	102.08	ng	0.00
78) Terphenyl-d14	13.12	244	1020596	94.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	109771	16.310	ng	# 80
25) Isophorone	7.57	82	806990	47.335	ng	# 64
49) Dimethylphthalate	9.75	163	37164	2.313	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	30094	8.954	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	30094	6.956	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	149	5.455	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	11250	2.837	ng	# 1

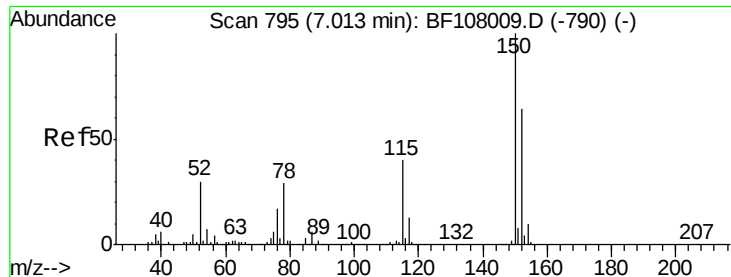
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108450.D
Acq On : 24 Aug 2018 5:31
Operator : JU/SJ
Sample : J4582-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 24 07:57:41 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



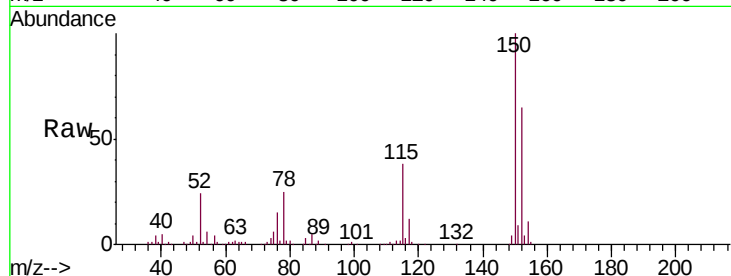


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108450.D
Acq: 24 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	58.8	50.1	75.1

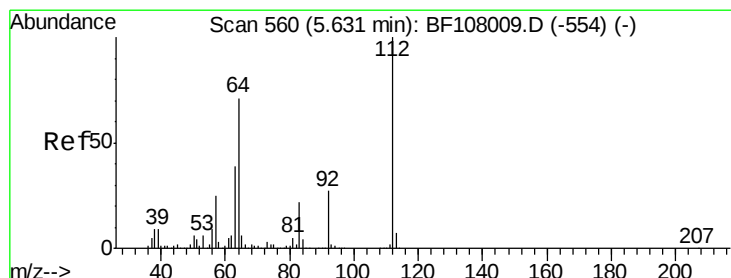
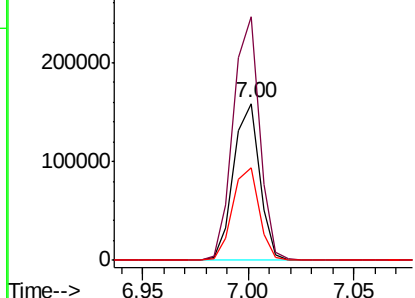
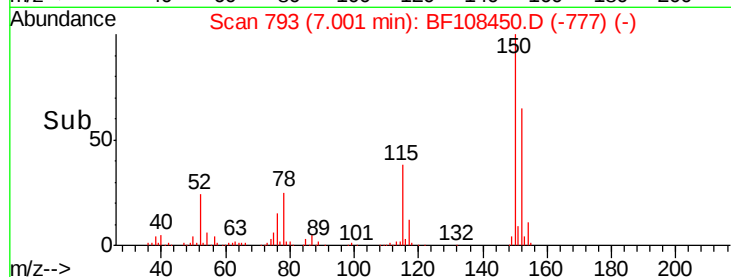


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

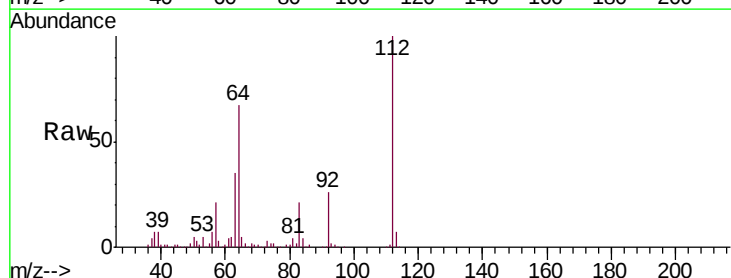
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.803 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108450.D
Acq: 24 Aug 2018 5:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	47.9	71.9
63	35.0	23.7	35.5

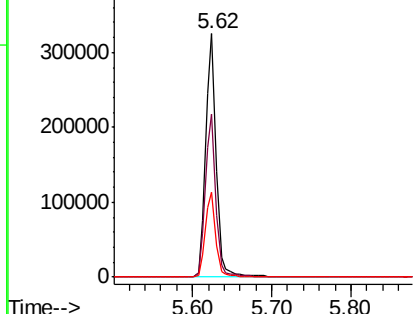
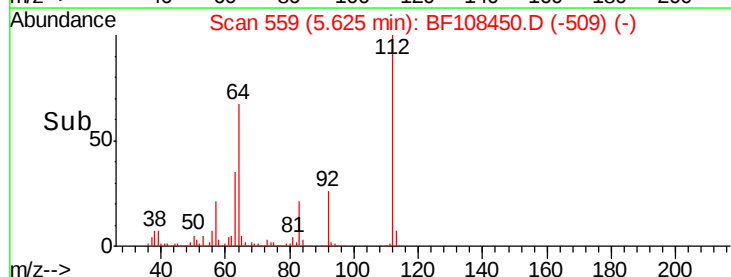


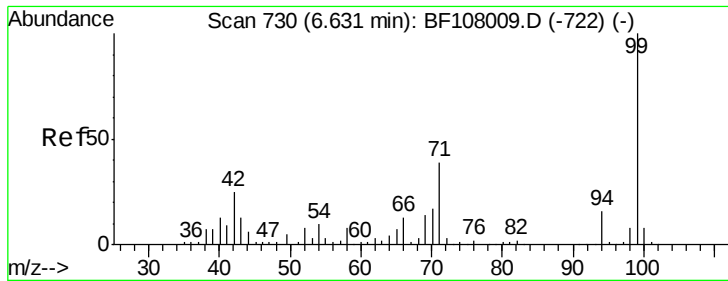
Abundance

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: 25.632 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108450.D

Acq: 24 Aug 2018 5:31

Instrument :

BNA_F

ClientSampleId :

DFTPP

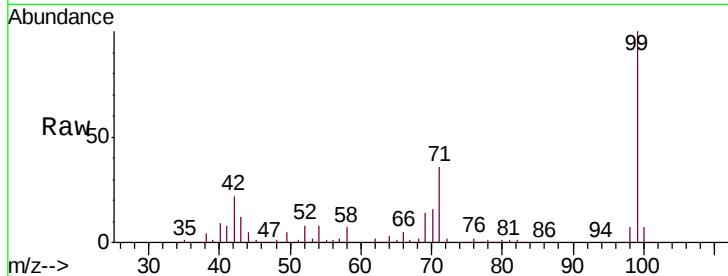
Tgt Ion: 99 Resp: 255102

Ion Ratio Lower Upper

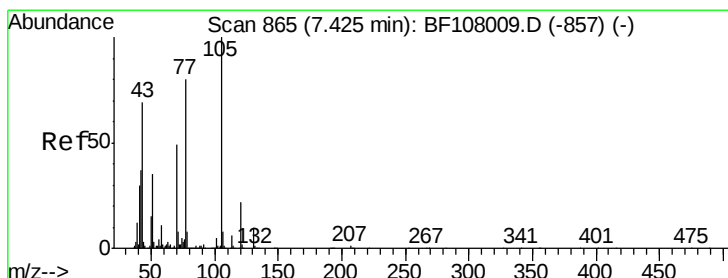
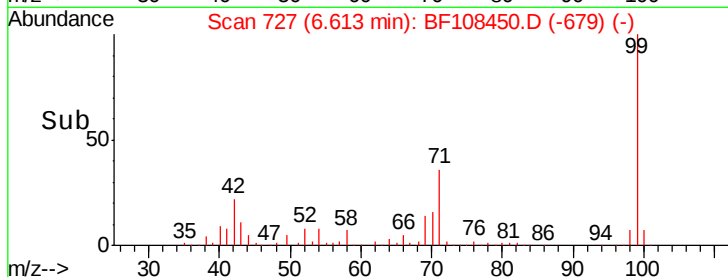
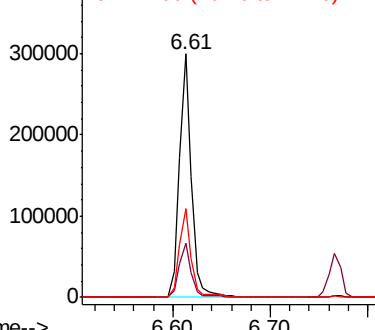
99 100

42 22.2 14.5 21.7#

71 36.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.310 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108450.D

Acq: 24 Aug 2018 5:31

Tgt Ion: 70 Resp: 109771

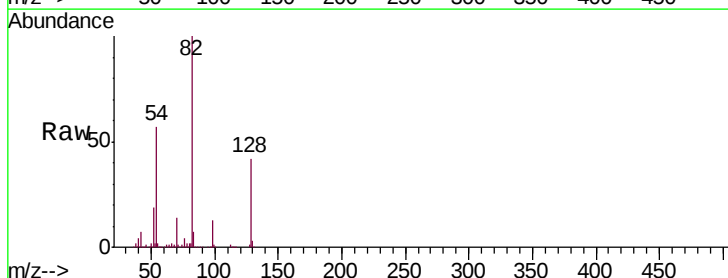
Ion Ratio Lower Upper

70 100

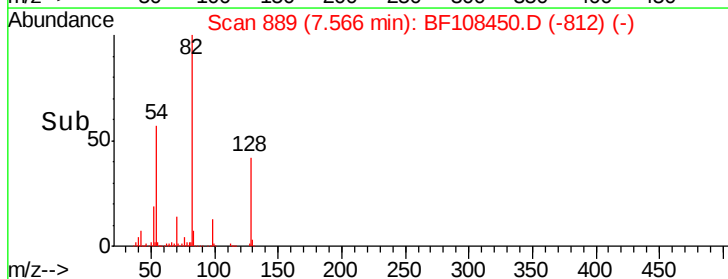
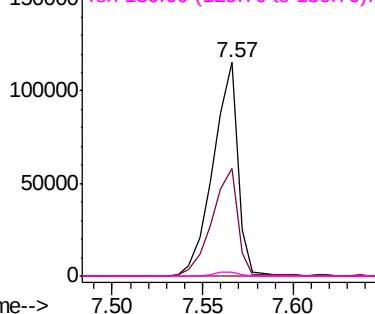
42 50.6 47.5 71.3

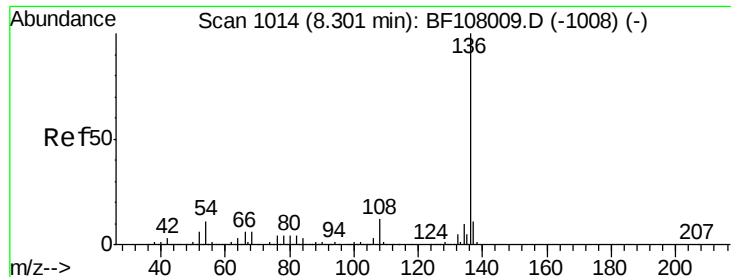
101 0.0 7.4 11.2#

130 1.9 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

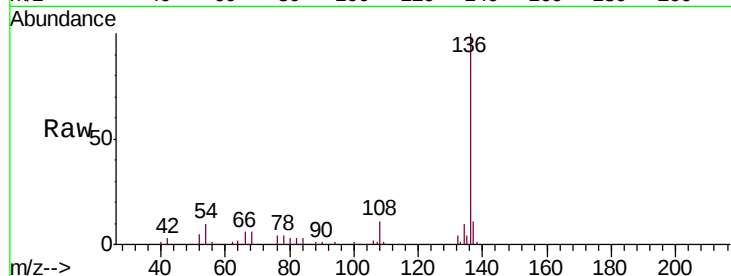




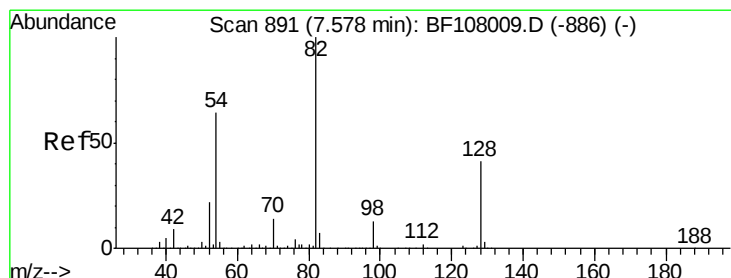
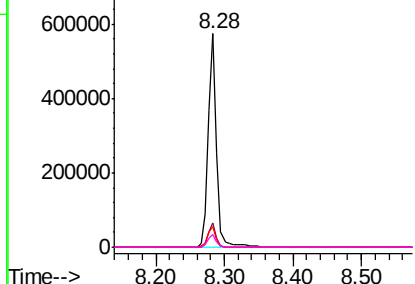
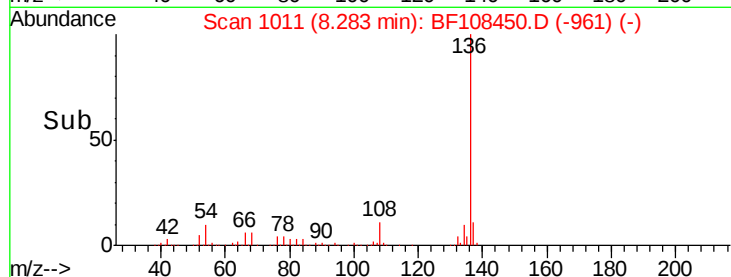
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108450.D
Acq: 24 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:	136	Resp:	499109
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.6	6.6	9.8
68	5.9	5.0	7.4

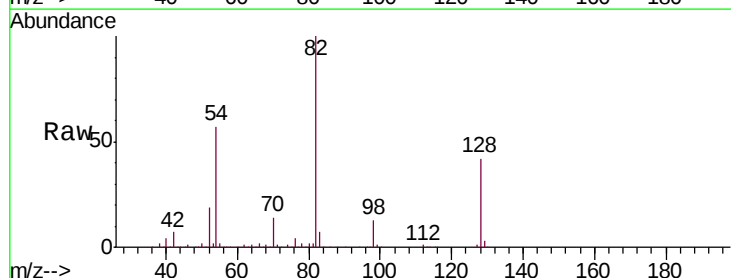


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

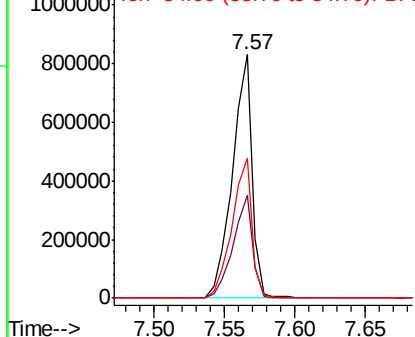
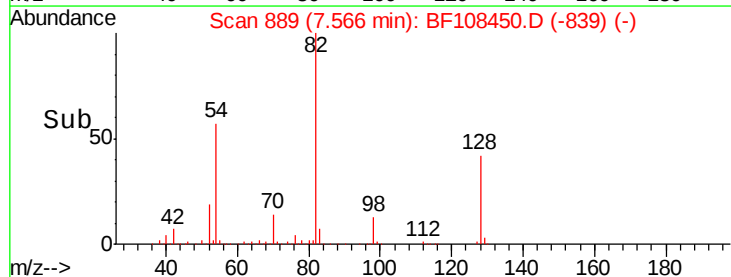


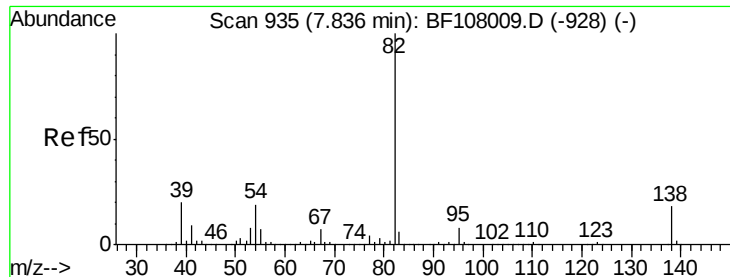
#23
Nitrobenzene-d5
Concen: 90.225 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108450.D
Acq: 24 Aug 2018 5:31

Tgt Ion:	82	Resp:	807005
Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	57.3	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: 47.335 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108450.D

Acq: 24 Aug 2018 5:31

Instrument :

BNA_F

ClientSampleId :

DFTPP

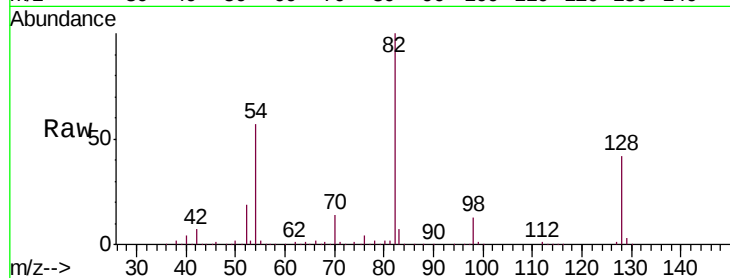
Tgt Ion: 82 Resp: 806990

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

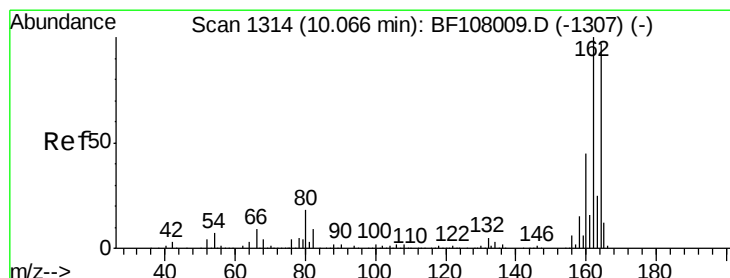
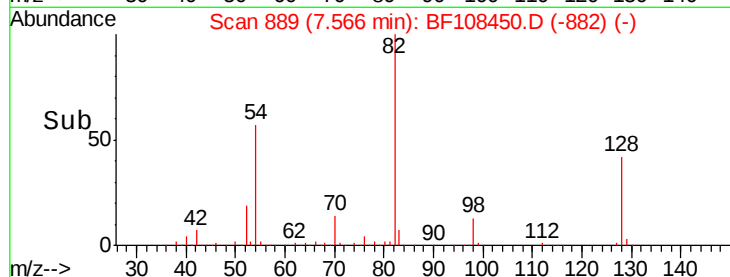
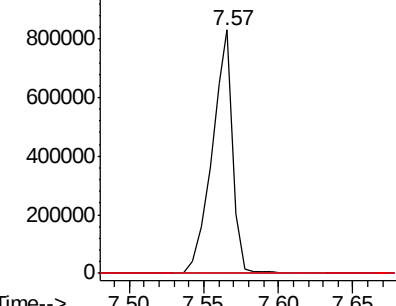
138 0.0 14.9 22.3#



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: BF108450.D

Acq: 24 Aug 2018 5:31

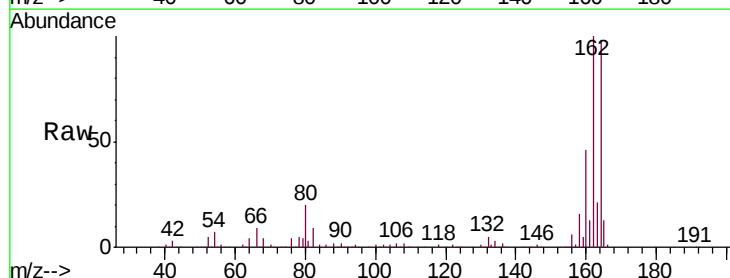
Tgt Ion: 164 Resp: 230616

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

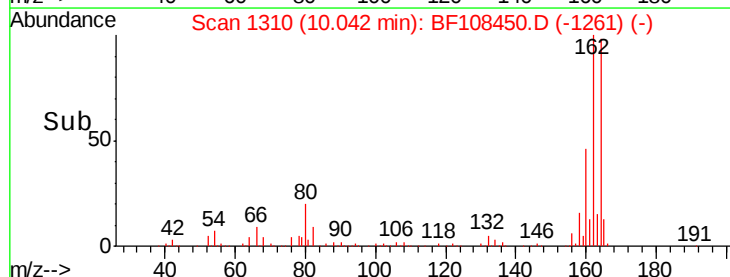
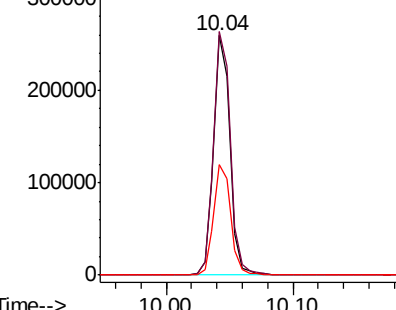
160 46.4 38.3 57.5

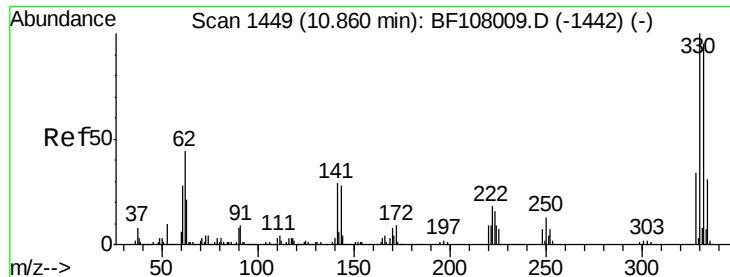


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

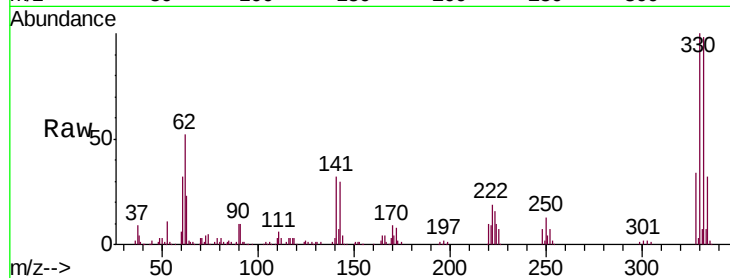




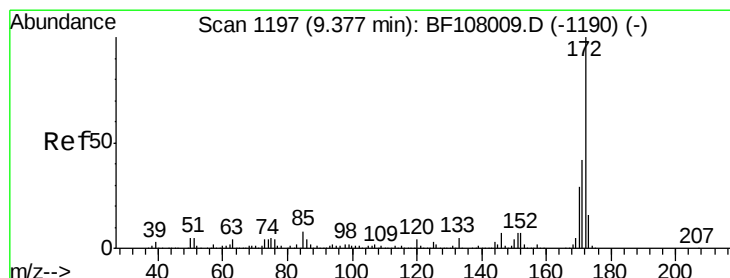
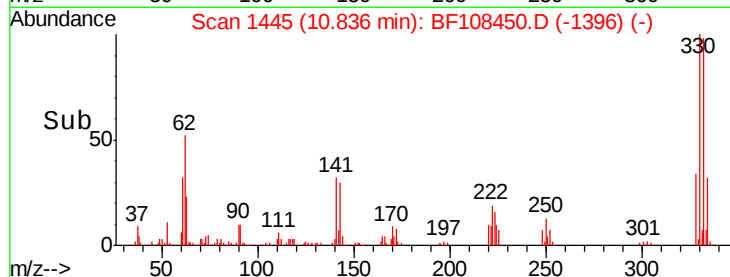
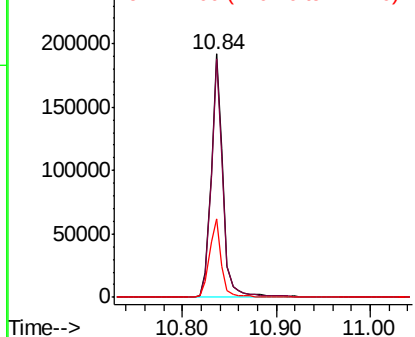
#41
 2,4,6-Tribromophenol
 Concen: 74.664 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108450.D
 Acq: 24 Aug 2018 5:31

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:330 Resp: 171752
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 32.5 29.9 44.9

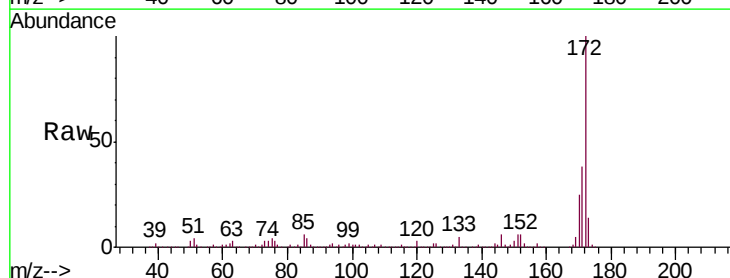


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

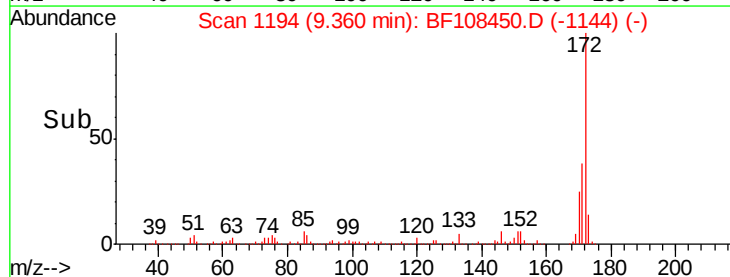
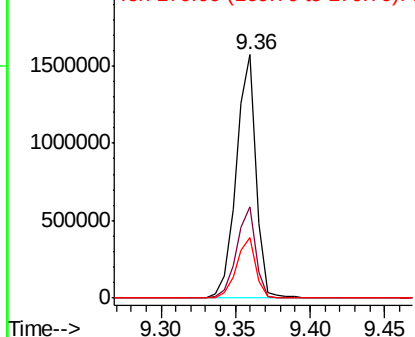


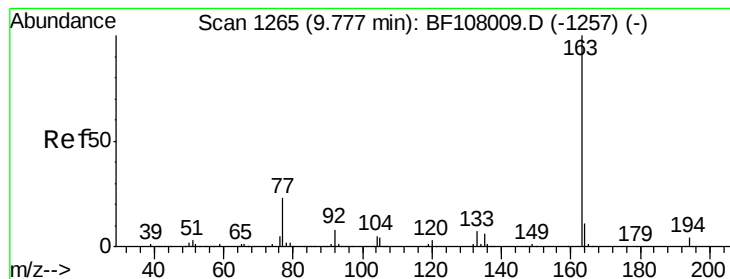
#44
 2-Fluorobiphenyl
 Concen: 102.080 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108450.D
 Acq: 24 Aug 2018 5:31

Tgt Ion:172 Resp: 1466323
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 25.0 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: 2.313 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108450.D

Acq: 24 Aug 2018 5:31

Instrument :

BNA_F

ClientSampleId :

DFTPP

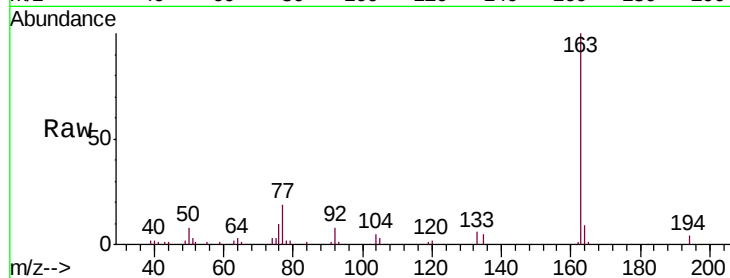
Tgt Ion:163 Resp: 37164

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

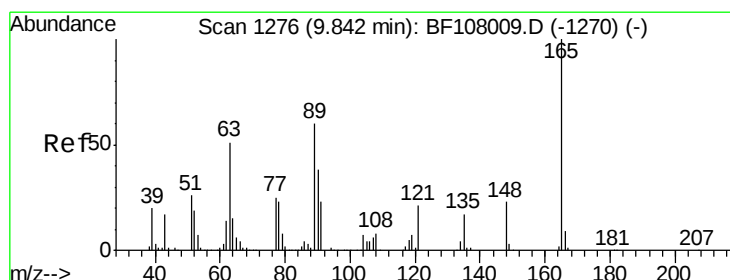
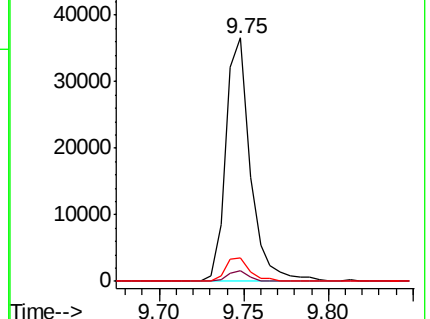
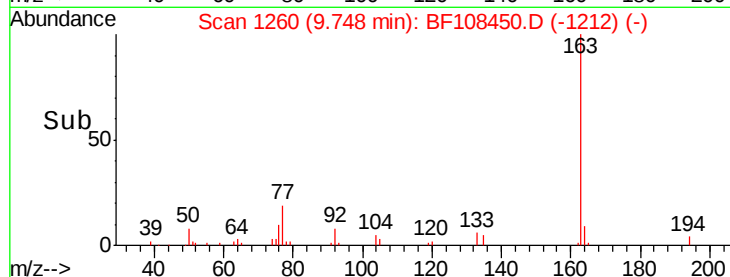
164 9.4 8.2 12.2



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: 8.954 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF108450.D

Acq: 24 Aug 2018 5:31

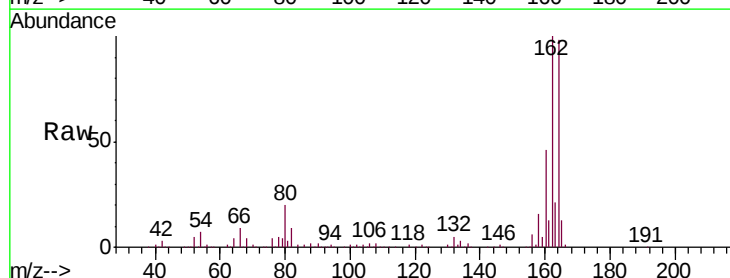
Tgt Ion:165 Resp: 30094

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

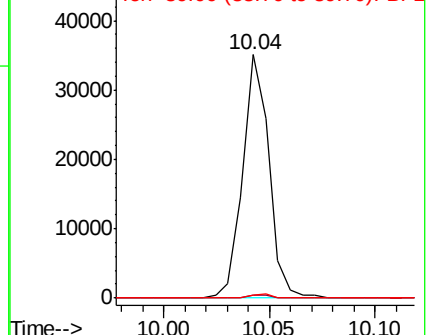
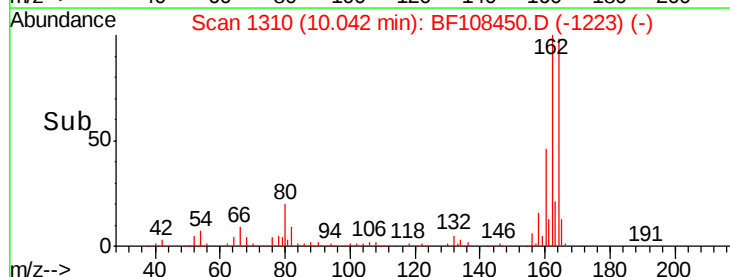
89 1.4 44.0 66.0#

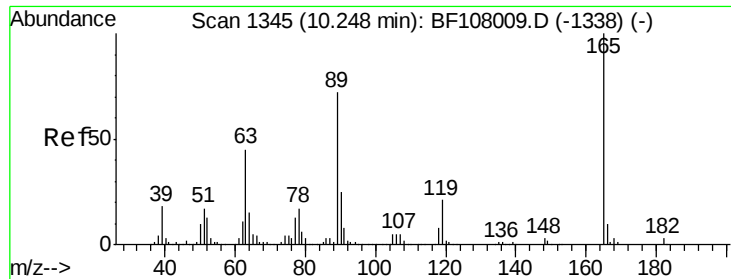


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

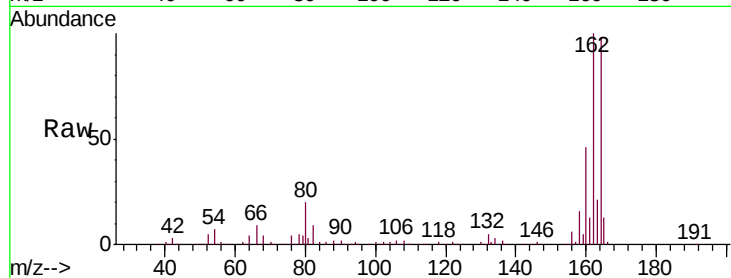




#56
 2,4-Dinitrotoluene
 Concen: 6.956 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108450.D
 Acq: 24 Aug 2018 5:31

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

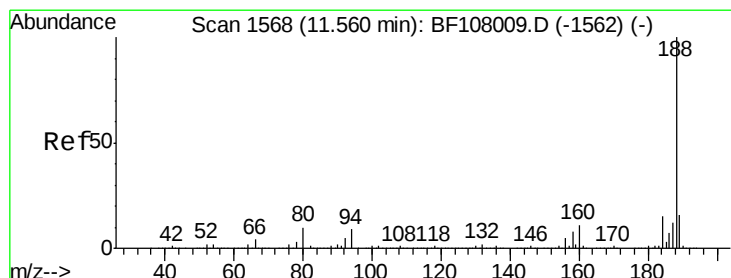
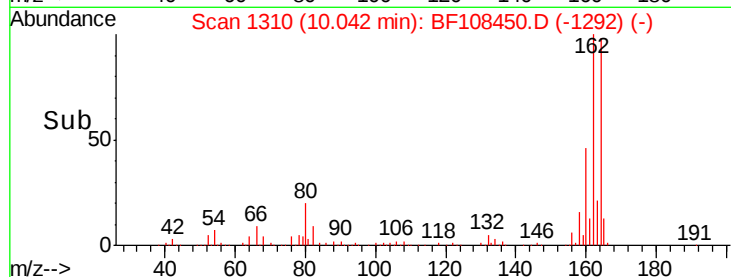
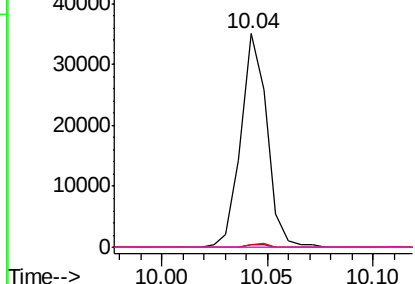


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

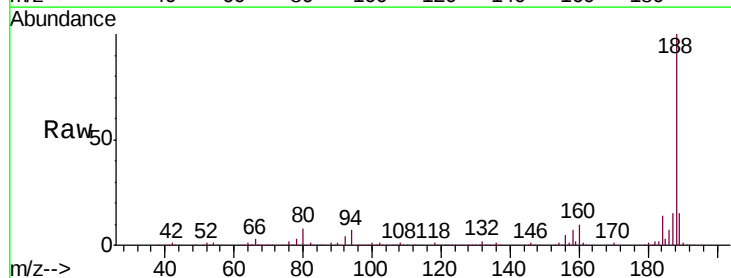
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108450.D
 Acq: 24 Aug 2018 5:31

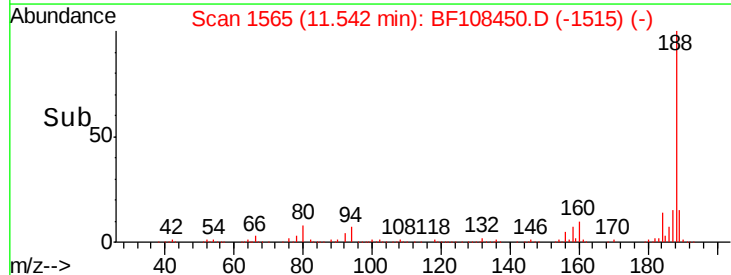
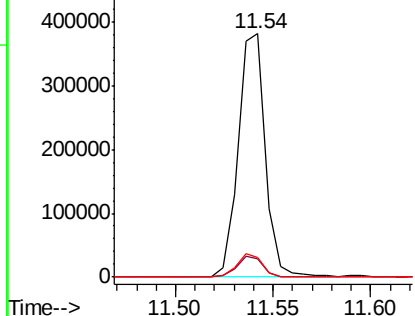
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	8.2	9.2	13.8#

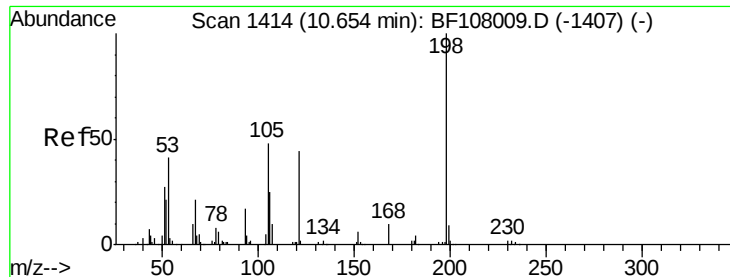


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.455 ng

RT: 10.84 min Scan# 1445

Delta R.T. 0.19 min

Lab File: BF108450.D

Acq: 24 Aug 2018 5:31

Instrument :

BNA_F

ClientSampleId :

DFTPP

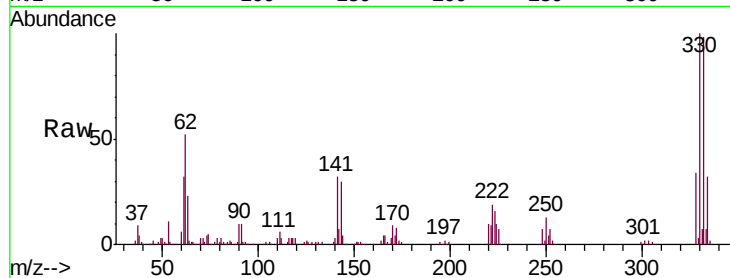
Tgt Ion:198 Resp: 149

Ion Ratio Lower Upper

198 100

51 280.8 37.7 77.7#

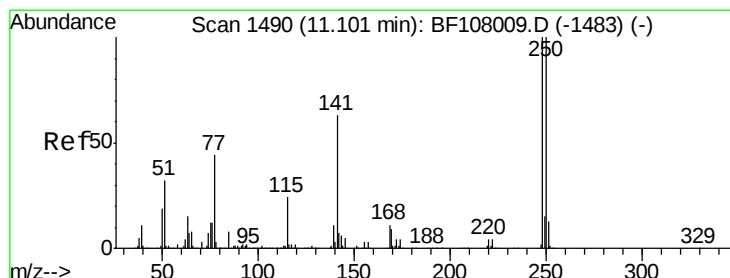
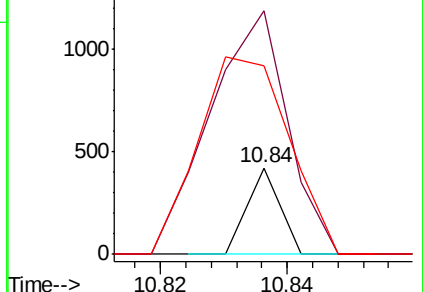
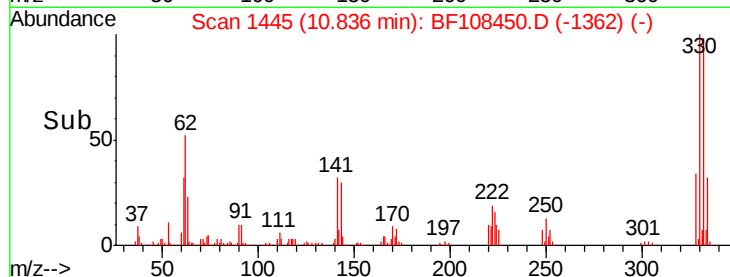
105 217.3 36.3 76.3#



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: 2.837 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.25 min

Lab File: BF108450.D

Acq: 24 Aug 2018 5:31

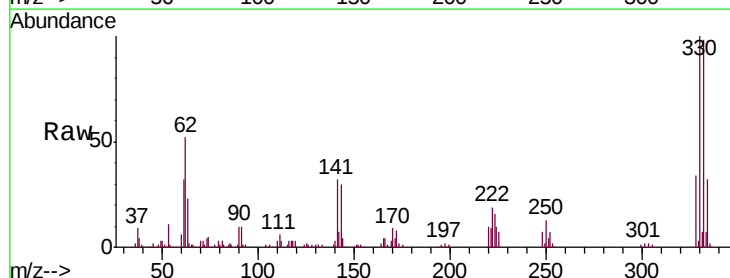
Tgt Ion:248 Resp: 11250

Ion Ratio Lower Upper

248 100

250 187.7 76.9 115.3#

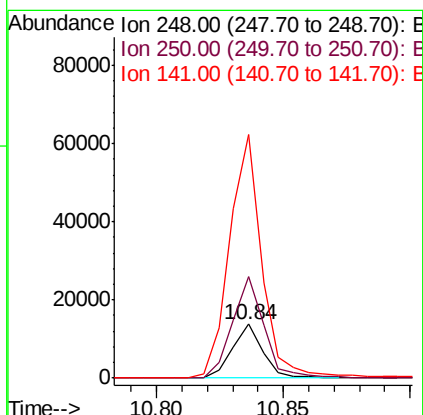
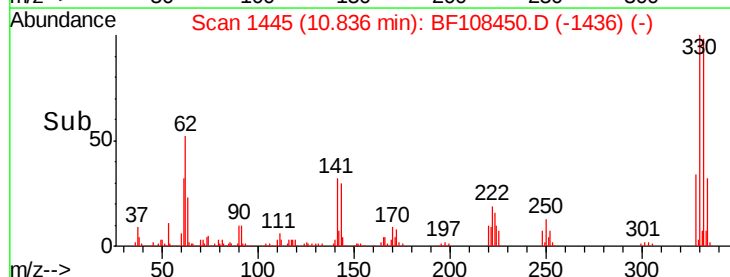
141 453.0 74.4 111.6#

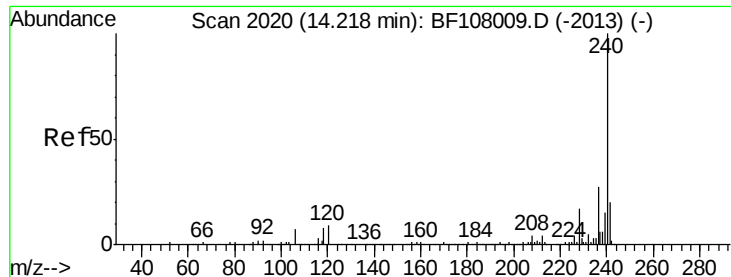


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF108450.D

Acq: 24 Aug 2018 5:31

Instrument :

BNA_F

ClientSampleId :

DFTPP

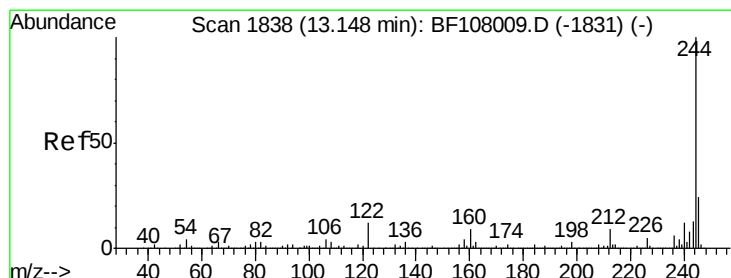
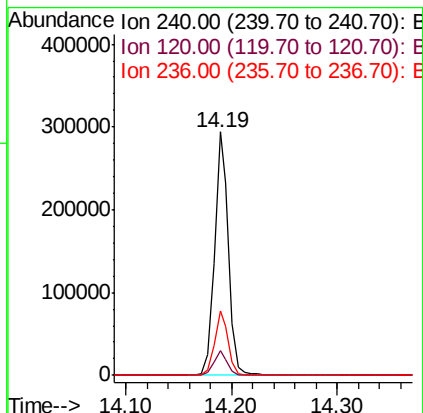
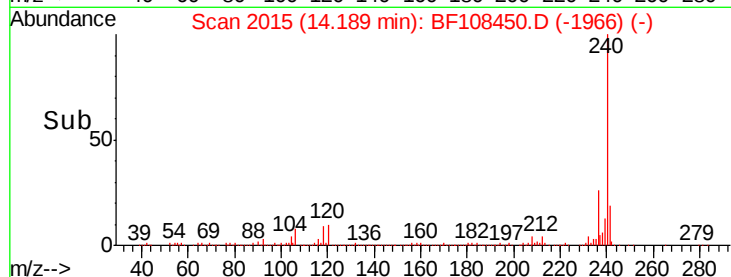
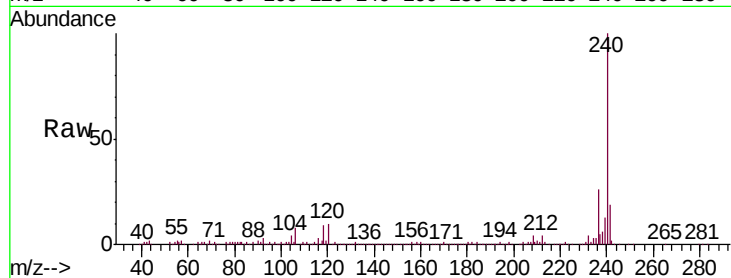
Tgt Ion:240 Resp: 273813

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

236 26.2 20.7 31.1



#78

Terphenyl-d14

Concen: 94.770 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108450.D

Acq: 24 Aug 2018 5:31

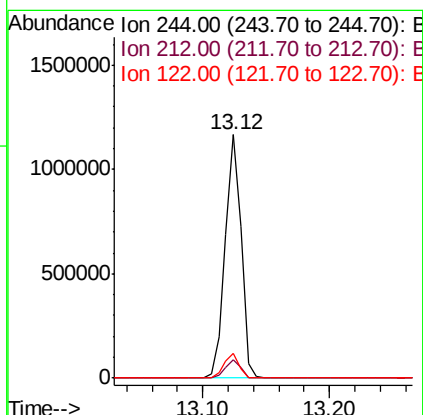
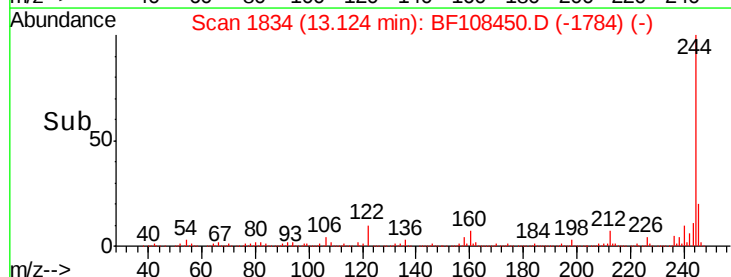
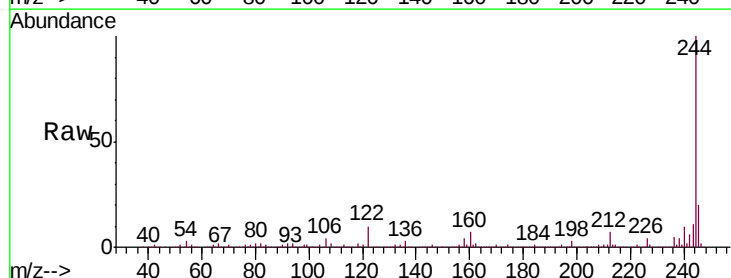
Tgt Ion:244 Resp: 1020596

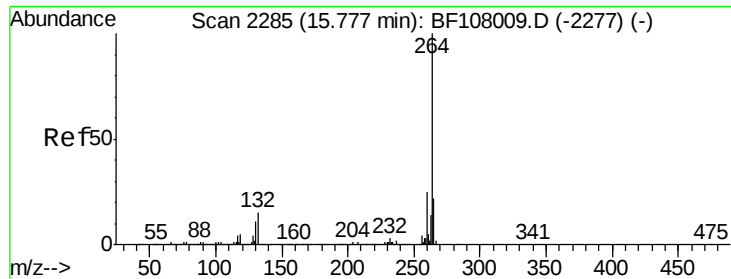
Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

122 10.1 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: BF108450.D
Acq: 24 Aug 2018 5:31

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3

