

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
 Data File : BF108056.D
 Acq On : 9 Aug 2018 16:55
 Operator : JU/SJ
 Sample : J4393-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Aug 10 01:08:46 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 08 12:24:24 2018
 Response via : Initial Calibration

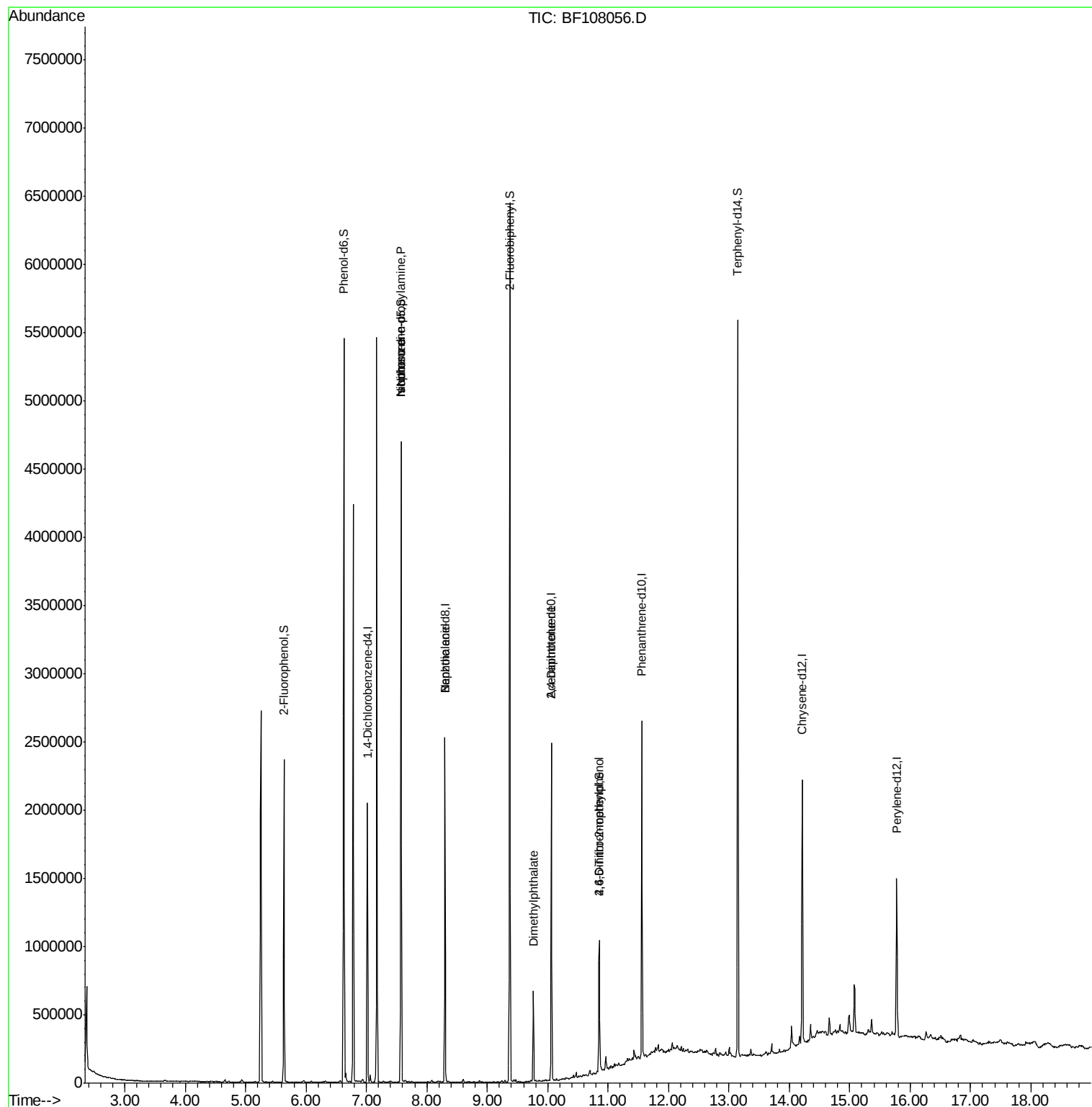
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	288733	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1043310	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	482959	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	813950	20.00	ng	0.00
75) Chrysene-d12	14.21	240	678022	20.00	ng	0.00
86) Perylene-d12	15.78	264	551781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	586276	36.76	ng	0.00
7) Phenol-d6	6.63	99	1736355	81.93	ng	0.00
23) Nitrobenzene-d5	7.58	82	1414401	75.65	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	110271	22.89	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2068464	68.76	ng	0.00
78) Terphenyl-d14	13.15	244	1674788	62.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	194402	13.565	ng	# 87
25) Isophorone	7.58	82	1412546	39.637	ng	# 64
32) Benzoic acid	8.30	122	305	6.004	ng	# 1
49) Dimethylphthalate	9.77	163	233578	6.943	ng	99
56) 2,4-Dinitrotoluene	10.07	165	63715	7.033	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	115	5.392	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
Data File : BF108056.D
Acq On : 9 Aug 2018 16:55
Operator : JU/SJ
Sample : J4393-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Aug 10 01:08:46 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 08 12:24:24 2018
Response via : Initial Calibration



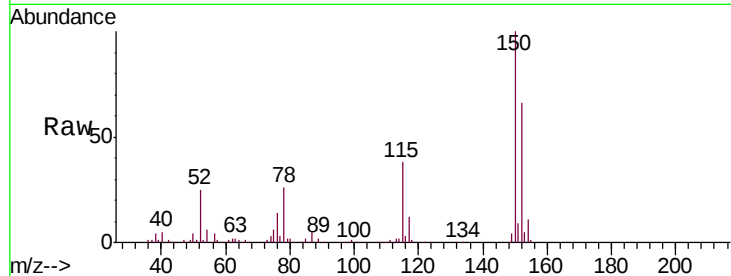


#1

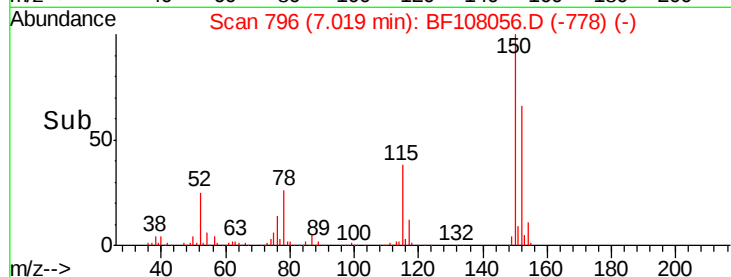
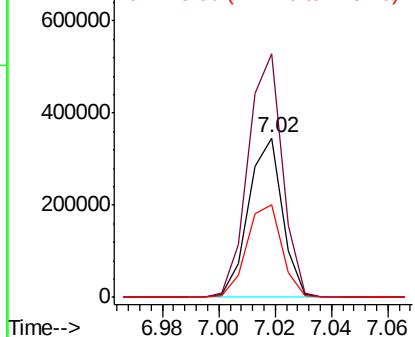
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108056.D
Acq: 9 Aug 2018 16:55

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 288733
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 57.8 50.1 75.1



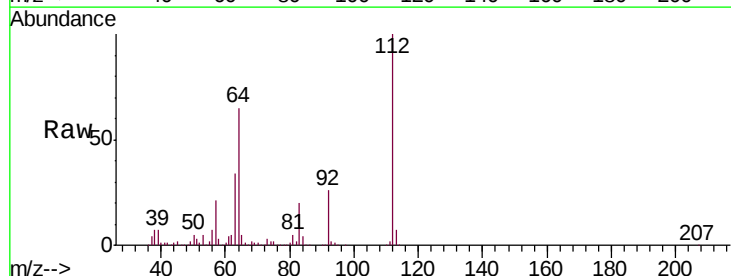
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



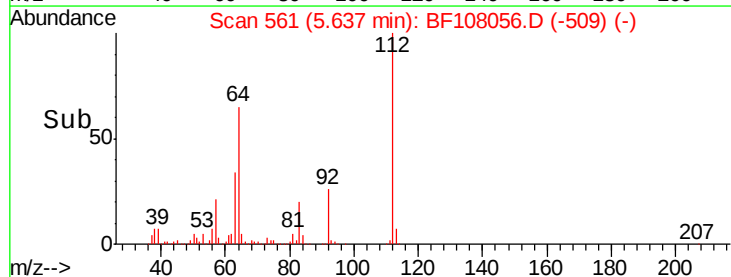
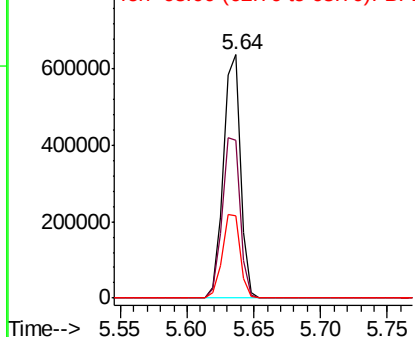
#5

2-Fluorophenol
Concen: 36.762 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108056.D
Acq: 9 Aug 2018 16:55

Tgt Ion:112 Resp: 586276
Ion Ratio Lower Upper
112 100
64 65.0 47.9 71.9
63 33.6 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: 81.931 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108056.D

Acq: 9 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

DFTPP

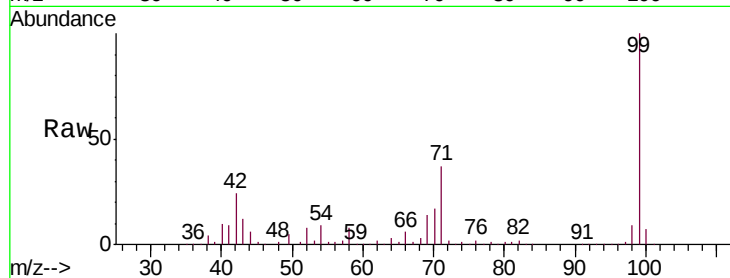
Tgt Ion: 99 Resp: 1736355

Ion Ratio Lower Upper

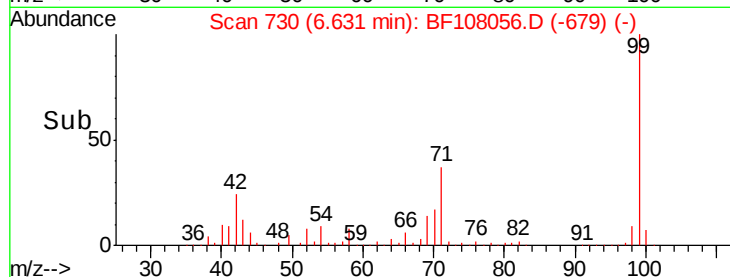
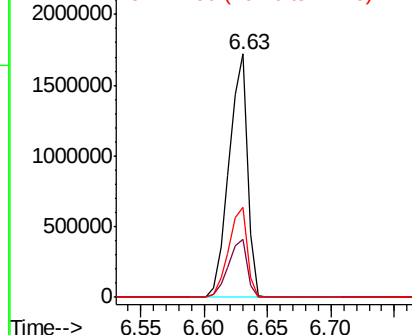
99 100

42 24.0 14.5 21.7#

71 36.9 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: 13.565 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108056.D

Acq: 9 Aug 2018 16:55

Tgt Ion: 70 Resp: 194402

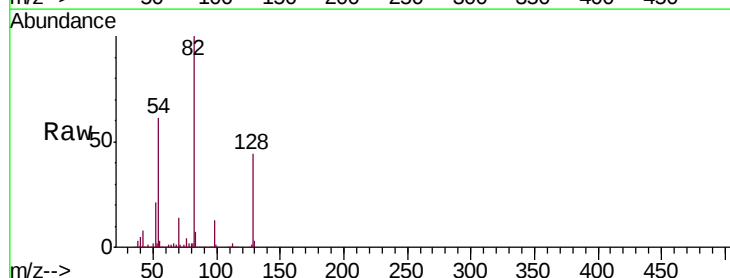
Ion Ratio Lower Upper

70 100

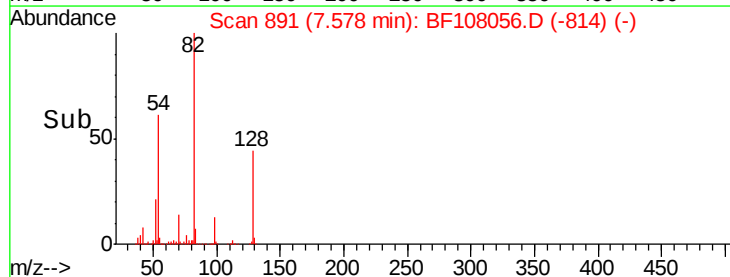
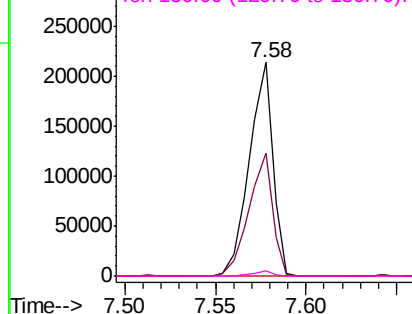
42 57.7 47.5 71.3

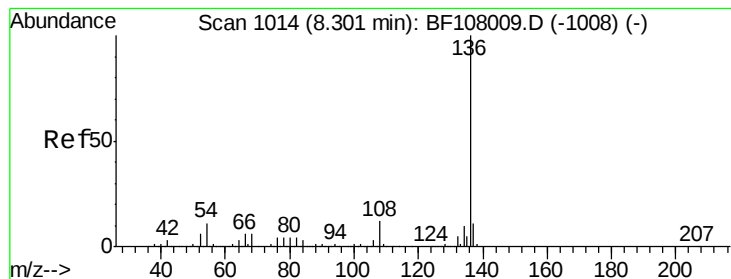
101 0.0 7.4 11.2#

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: 8.30 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF108056.D

Acq: 9 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:136 Resp: 1043310

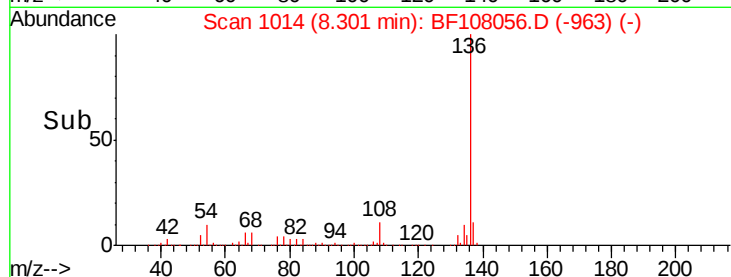
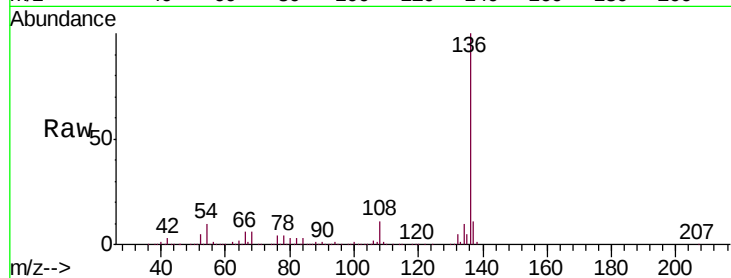
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.0 6.6 9.8#

68 6.3 5.0 7.4

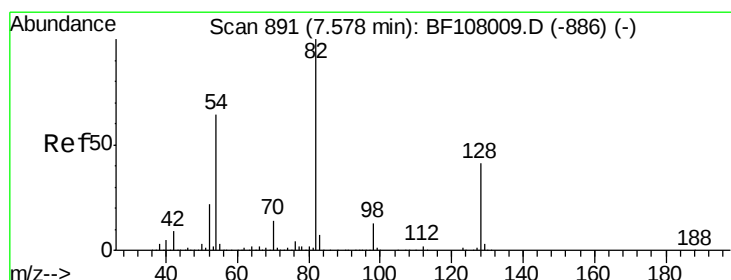
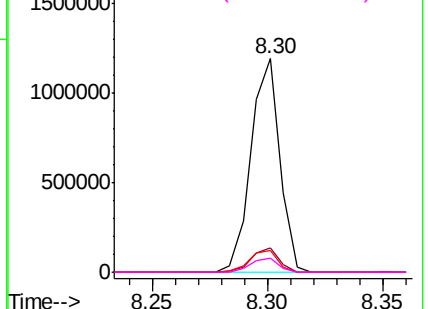


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.649 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF108056.D

Acq: 9 Aug 2018 16:55

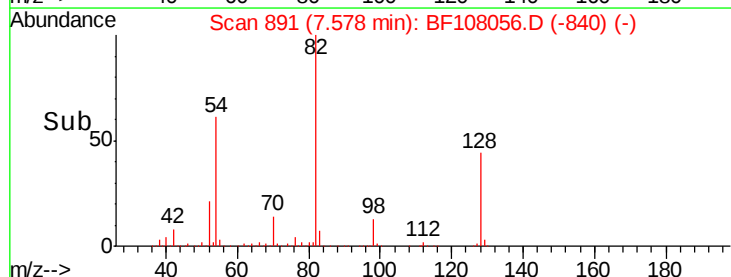
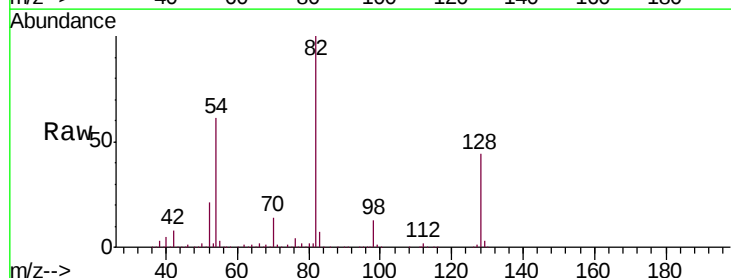
Tgt Ion: 82 Resp: 1414401

Ion Ratio Lower Upper

82 100

128 43.8 36.1 54.1

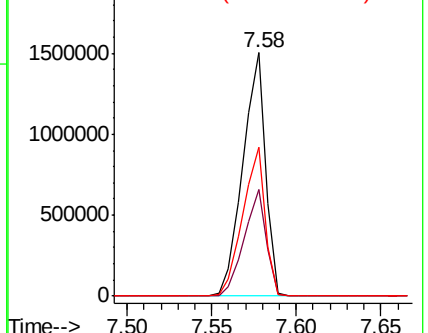
54 61.2 41.4 62.2



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: 39.637 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108056.D

Acq: 9 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

DFTPP

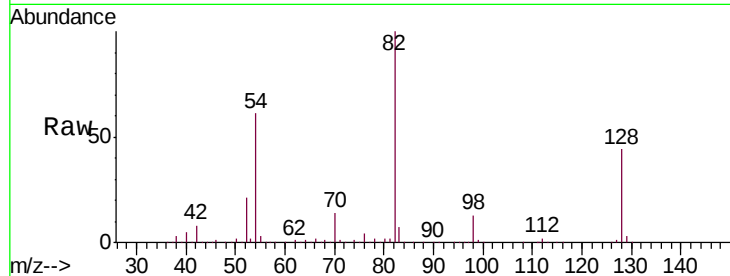
Tgt Ion: 82 Resp: 1412546

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

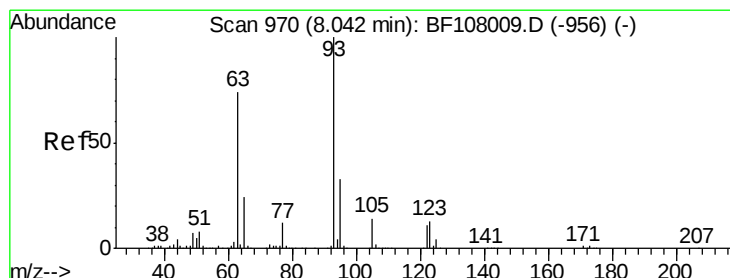
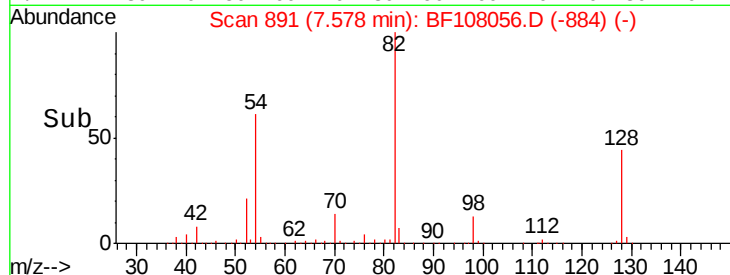
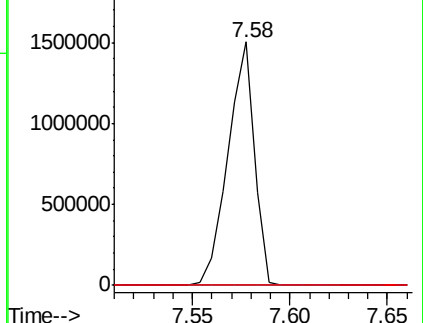
138 0.0 14.9 22.3#



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: 6.004 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.26 min

Lab File: BF108056.D

Acq: 9 Aug 2018 16:55

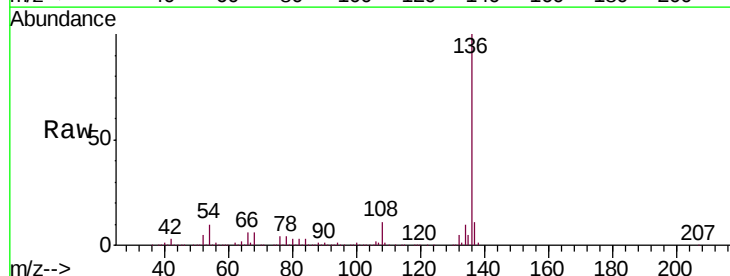
Tgt Ion: 122 Resp: 305

Ion Ratio Lower Upper

122 100

105 218.9 101.1 141.1#

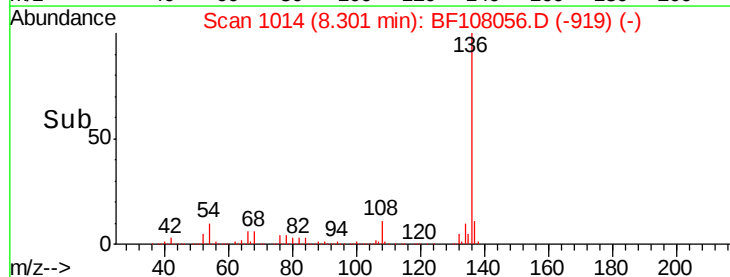
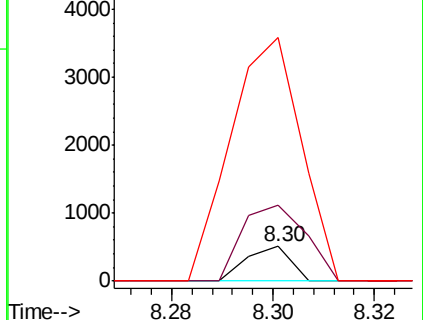
77 706.7 70.7 110.7#

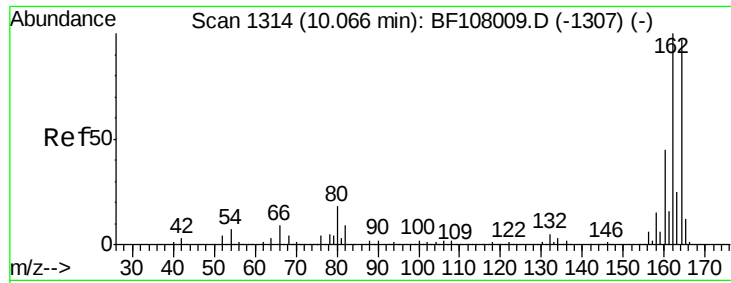


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

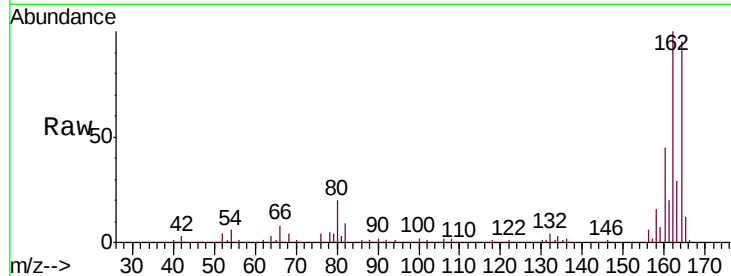




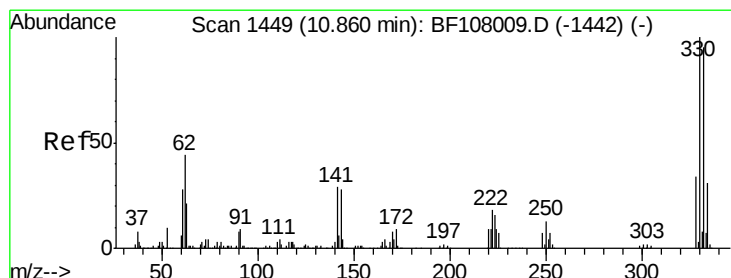
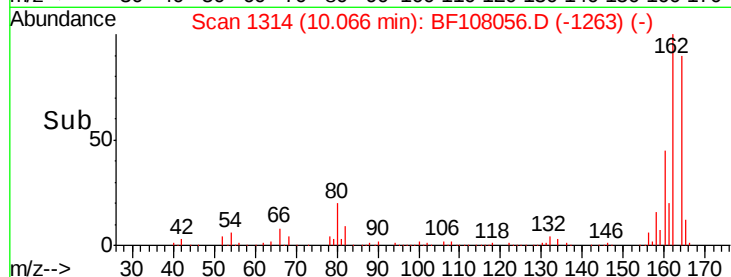
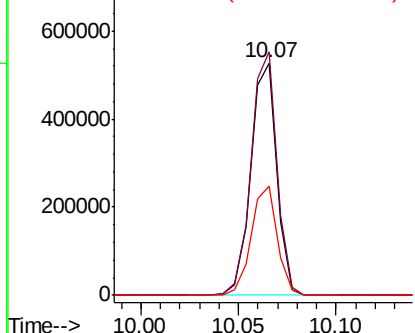
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF108056.D
 Acq: 9 Aug 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:164 Resp: 482959
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 46.8 38.3 57.5

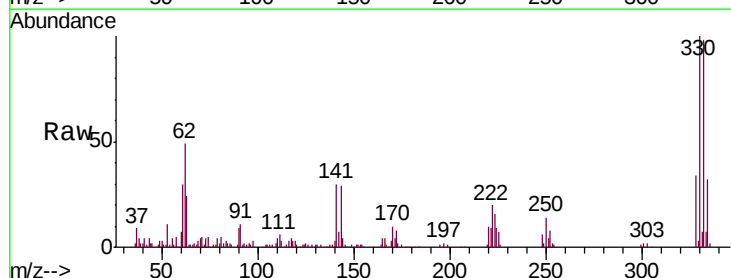


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

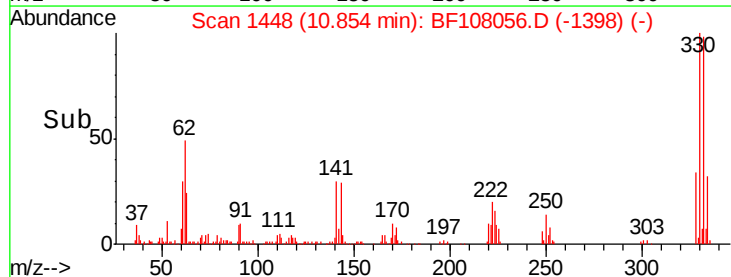
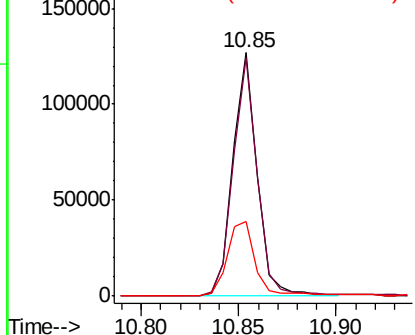


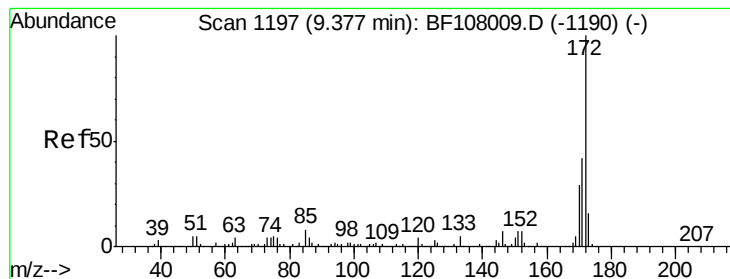
#41
 2,4,6-Tribromophenol
 Concen: 22.890 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108056.D
 Acq: 9 Aug 2018 16:55

Tgt Ion:330 Resp: 110271
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 36.5 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: 68.761 ng

RT: 9.38 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF108056.D

Acq: 9 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

DFTPP

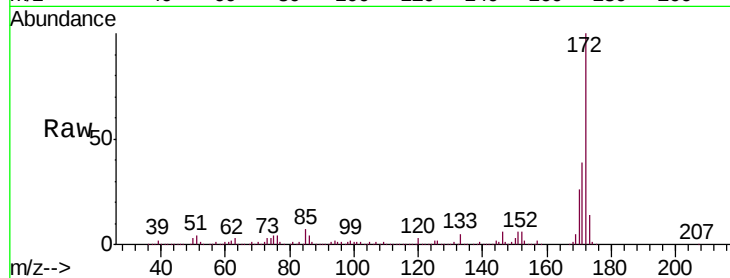
Tgt Ion:172 Resp: 2068464

Ion Ratio Lower Upper

172 100

171 39.1 29.7 44.5

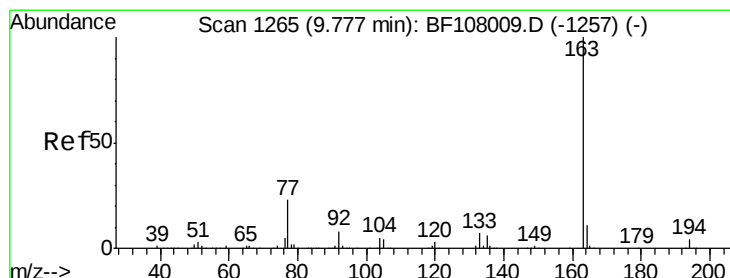
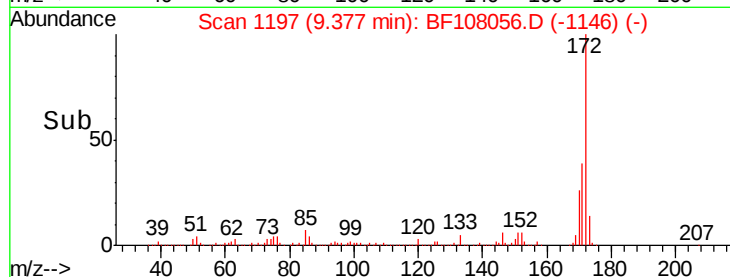
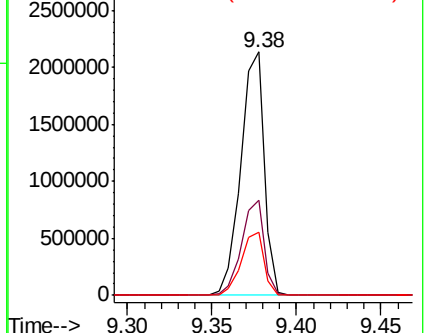
170 26.0 19.6 29.4



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: 6.943 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF108056.D

Acq: 9 Aug 2018 16:55

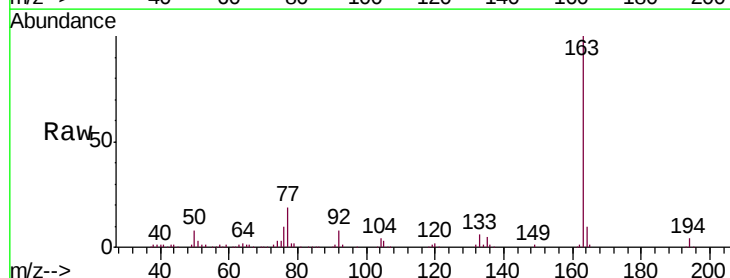
Tgt Ion:163 Resp: 233578

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

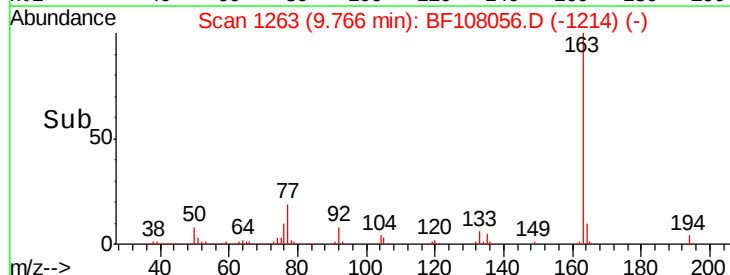
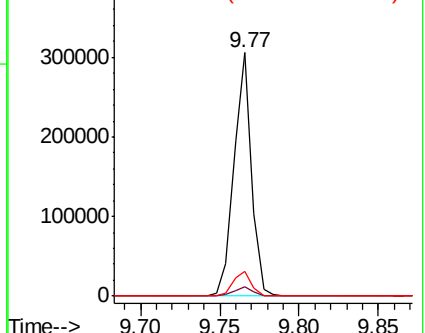
164 10.1 8.2 12.2



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

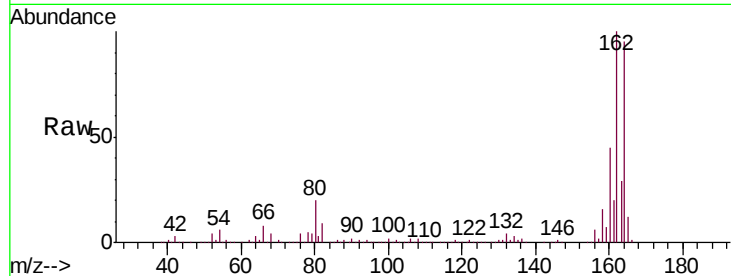




#56
 2,4-Dinitrotoluene
 Concen: 7.033 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.18 min
 Lab File: BF108056.D
 Acq: 9 Aug 2018 16:55

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

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#



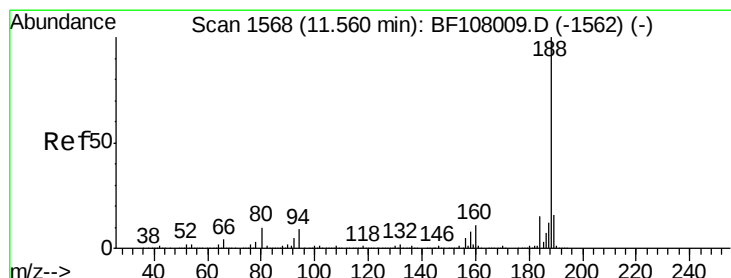
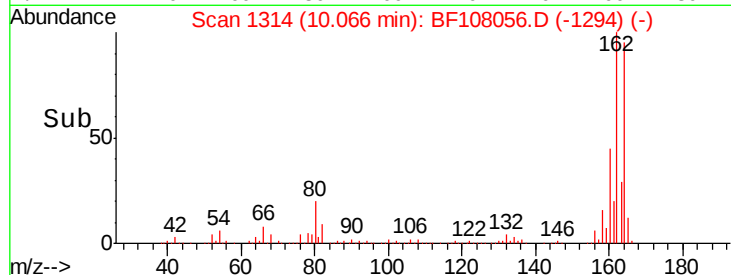
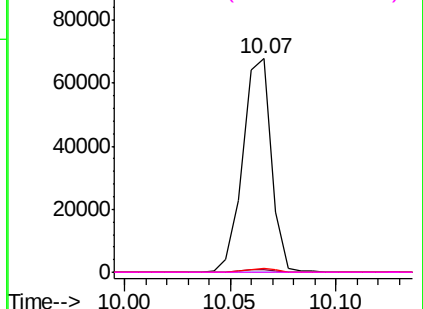
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

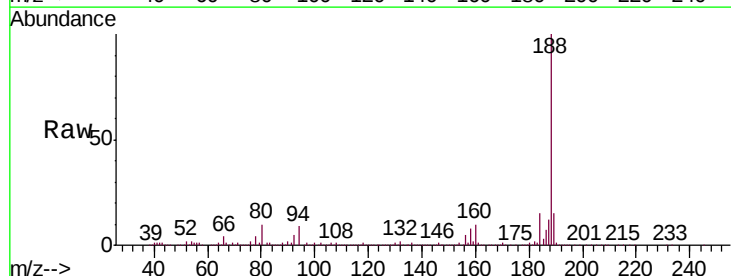
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF108056.D
 Acq: 9 Aug 2018 16:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.9	9.2	13.8

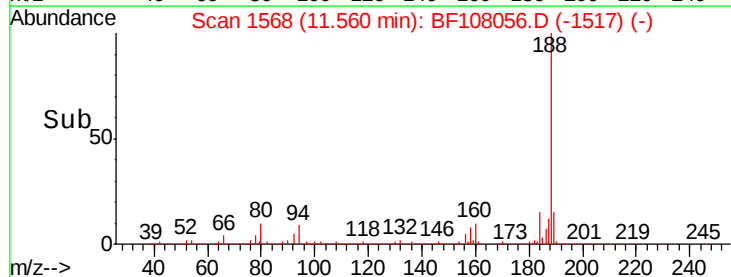
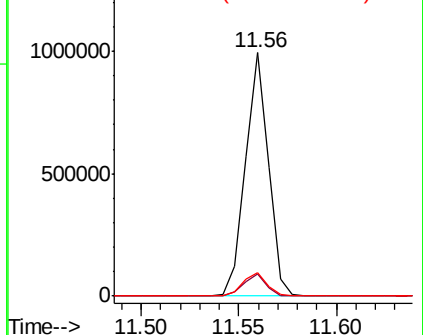


Abundance

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: 5.392 ng

RT: 10.85 min Scan# 1448

Delta R.T. 0.20 min

Lab File: BF108056.D

Acq: 9 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

DFTPP

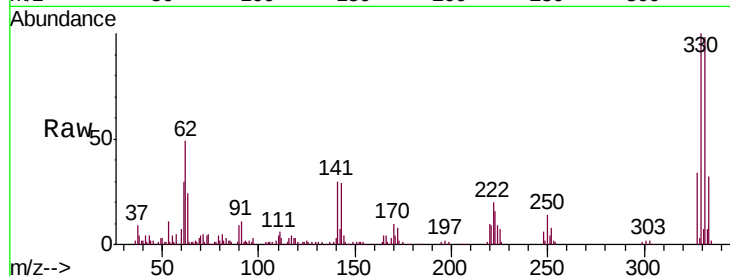
Tgt Ion:198 Resp: 115

Ion Ratio Lower Upper

198 100

51 377.6 37.7 77.7#

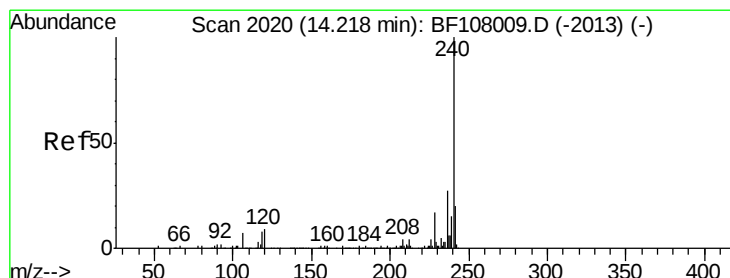
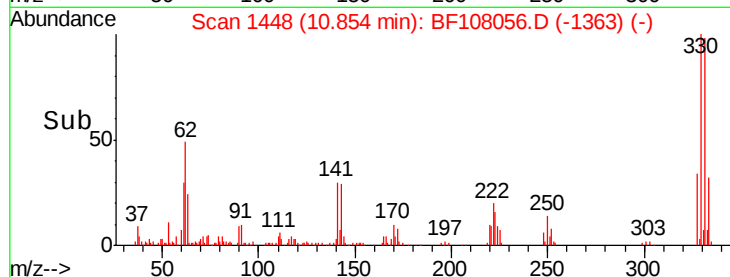
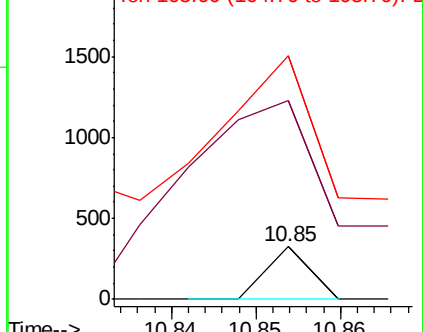
105 461.3 36.3 76.3#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108056.D

Acq: 9 Aug 2018 16:55

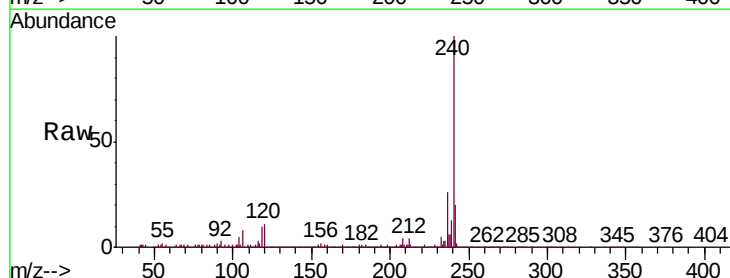
Tgt Ion:240 Resp: 678022

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

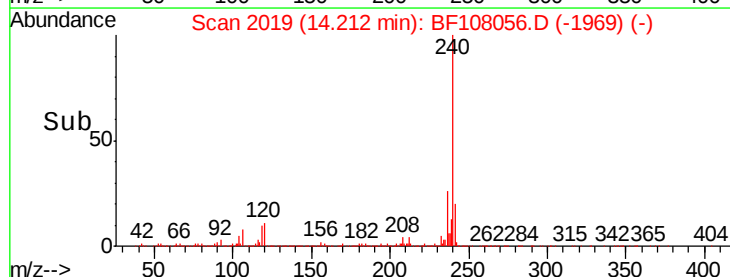
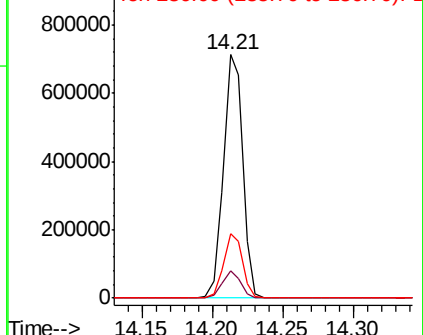
236 26.3 20.7 31.1

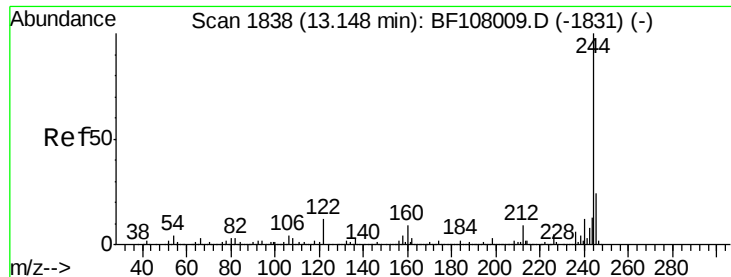


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.804 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108056.D

Acq: 9 Aug 2018 16:55

Instrument :

BNA_F

ClientSampleId :

DFTPP

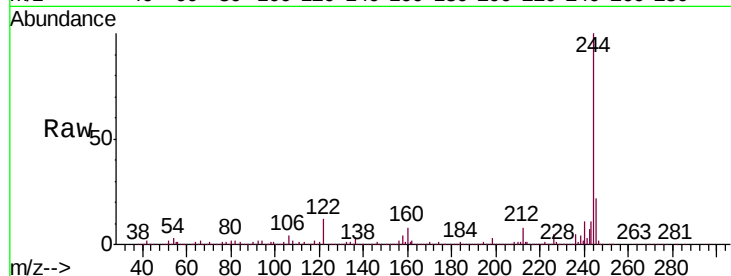
Tgt Ion:244 Resp: 1674788

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

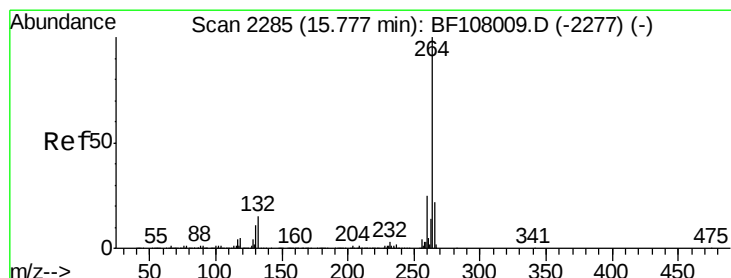
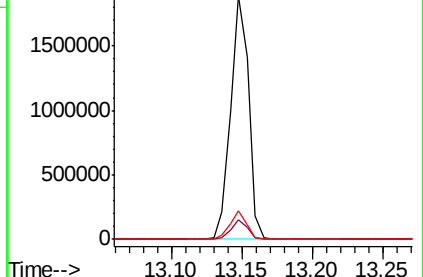
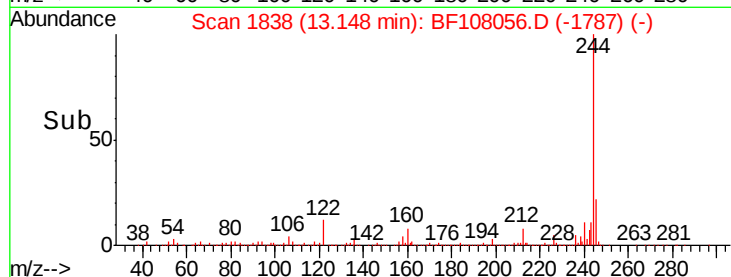
122 11.6 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BF108056.D

Acq: 9 Aug 2018 16:55

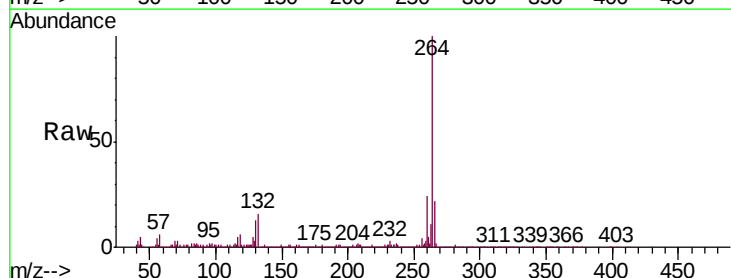
Tgt Ion:264 Resp: 551781

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

