

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108541.D
 Acq On : 28 Aug 2018 5:58
 Operator : JU/SJ
 Sample : J4659-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 06:59:30 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

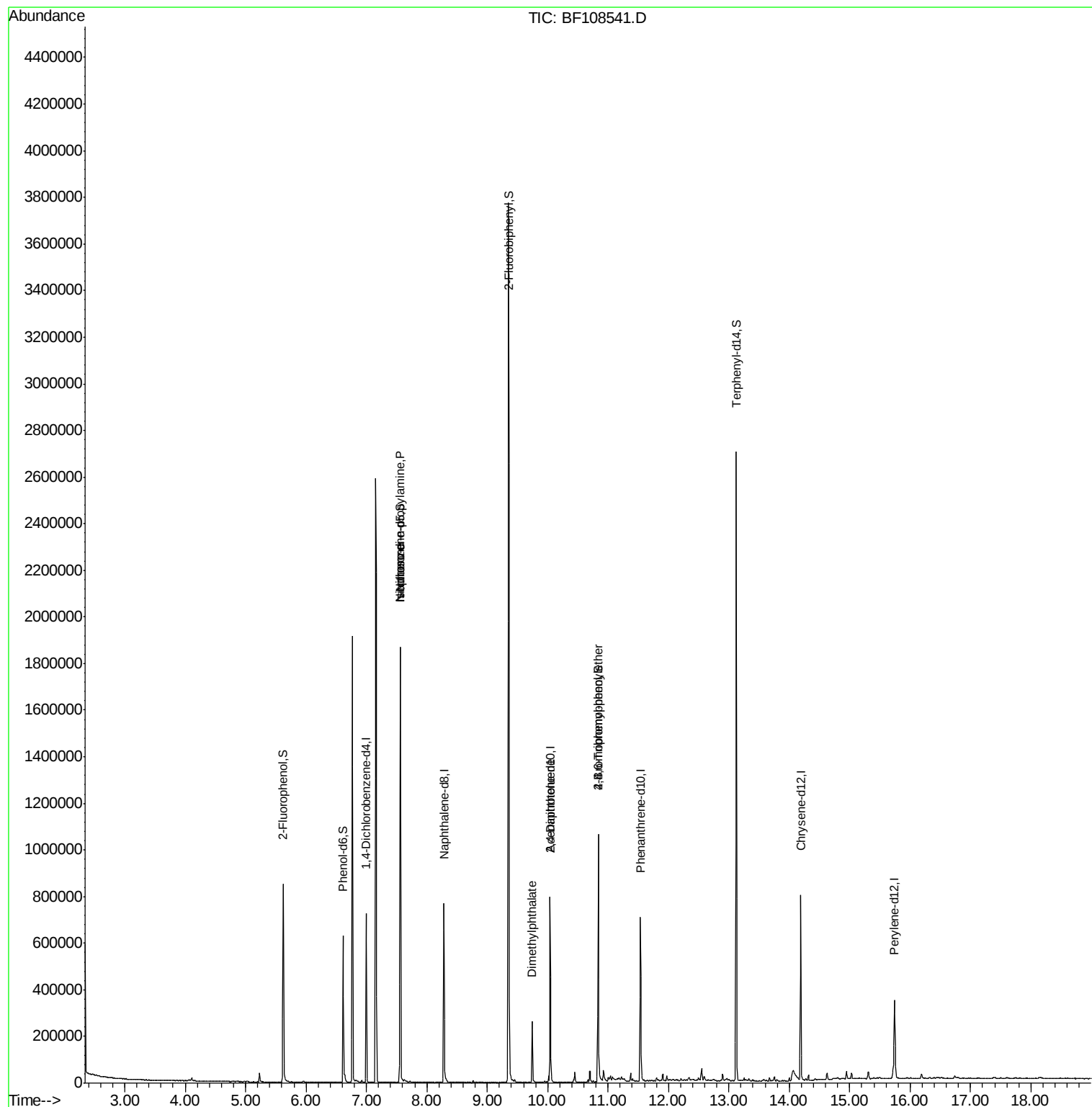
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	102362	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	356660	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	150821	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	256681	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	260199	20.00	ng	-0.01
86) Perylene-d12	15.74	264	178620	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	230615	40.79	ng	0.00
7) Phenol-d6	6.61	99	181197	24.12	ng	-0.02
23) Nitrobenzene-d5	7.56	82	649872	101.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	135729	90.22	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1167526	124.28	ng	-0.01
78) Terphenyl-d14	13.12	244	967702	94.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	88116	17.343	ng	# 84
25) Isophorone	7.56	82	649868	53.344	ng	# 64
49) Dimethylphthalate	9.74	163	114857	10.933	ng	99
56) 2,4-Dinitrotoluene	10.04	165	19248	6.803	ng	# 24
66) 4-Bromophenyl-phenylether	10.84	248	8791	3.152	ng	# 1

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

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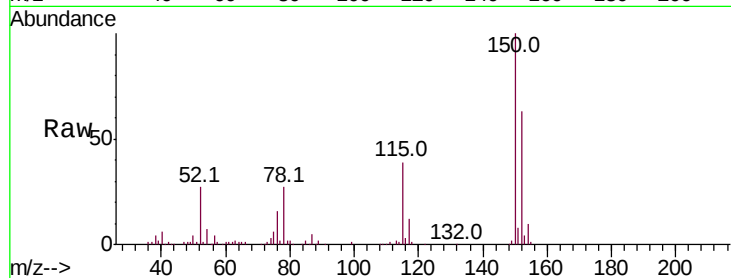


#1

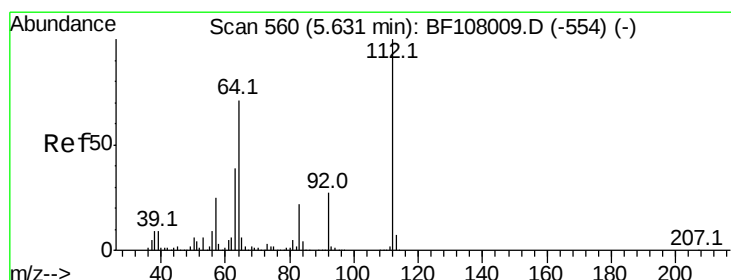
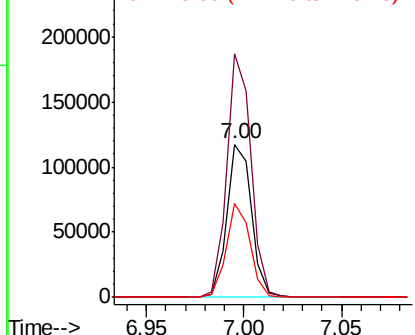
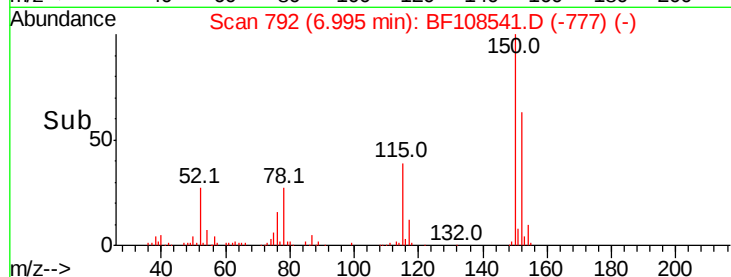
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108541.D
Acq: 28 Aug 2018 5:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	61.5	50.1	75.1



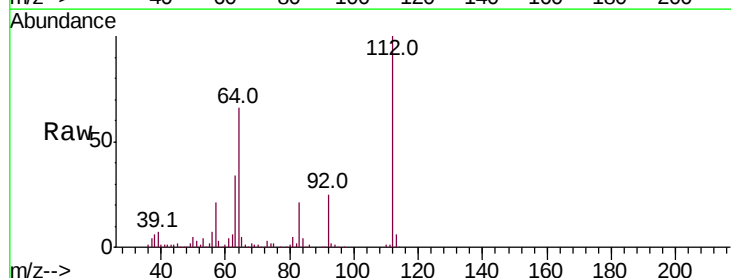
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



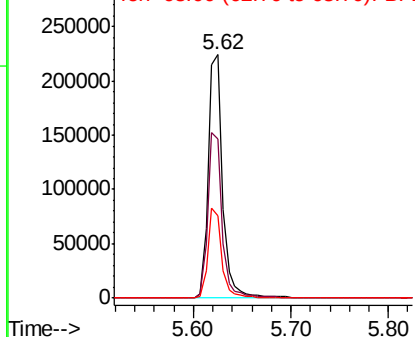
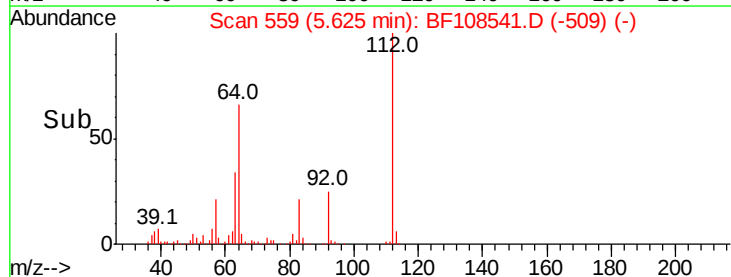
#5

2-Fluorophenol
Concen: 40.788 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108541.D
Acq: 28 Aug 2018 5:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	33.8	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: 24.117 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

Instrument :

BNA_F

ClientSampled :

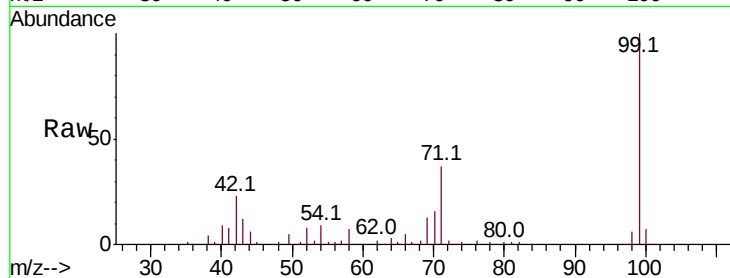
Tot Ion: 99 Resp: 181197

Ion Ratio Lower Upper

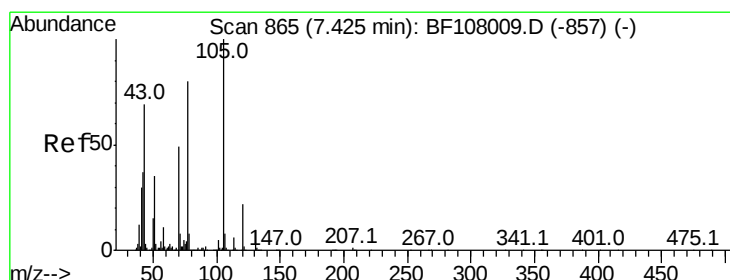
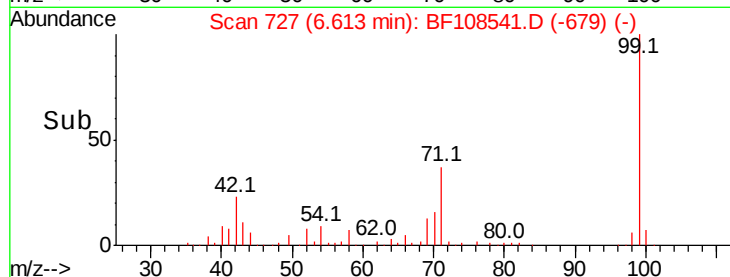
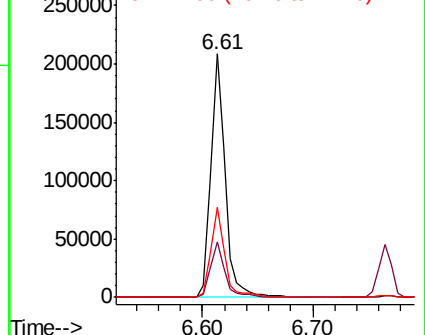
99 100

42 22.7 14.5 21.7#

71 36.8 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: 17.343 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

Tgt Ion: 70 Resp: 88116

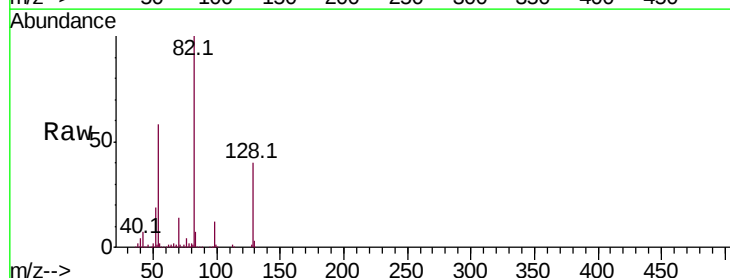
Ion Ratio Lower Upper

70 100

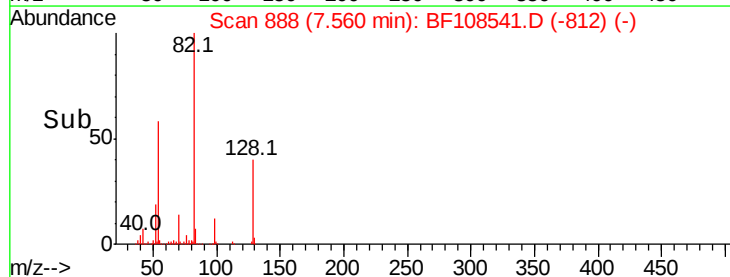
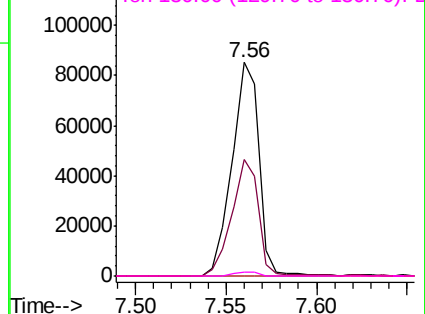
42 54.5 47.5 71.3

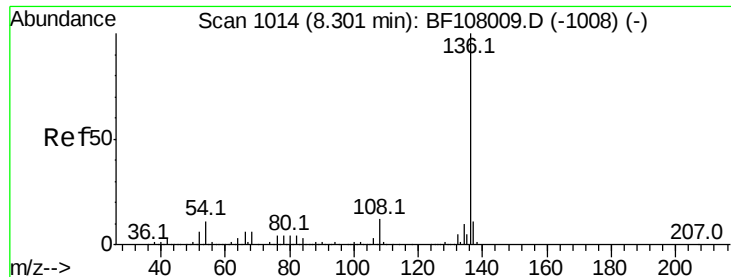
101 0.0 7.4 11.2#

130 1.8 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: BF108541.D

Acq: 28 Aug 2018 5:58

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 356660

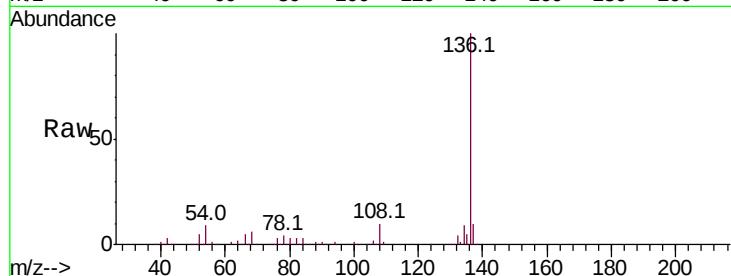
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 8.9 6.6 9.8

68 5.7 5.0 7.4

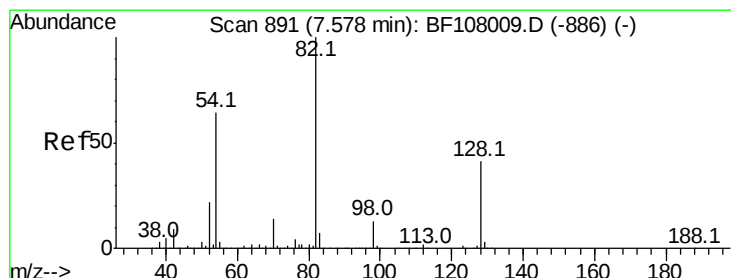
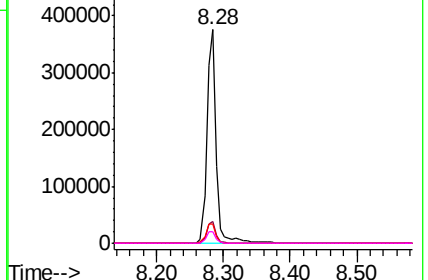
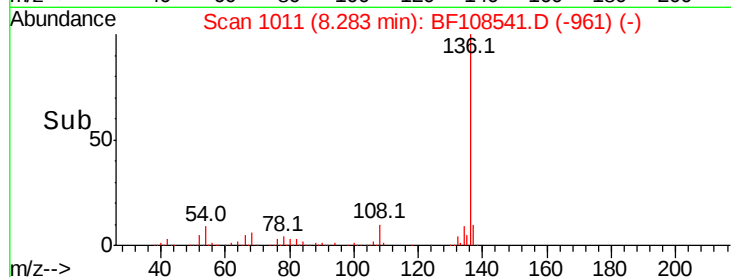


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.676 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

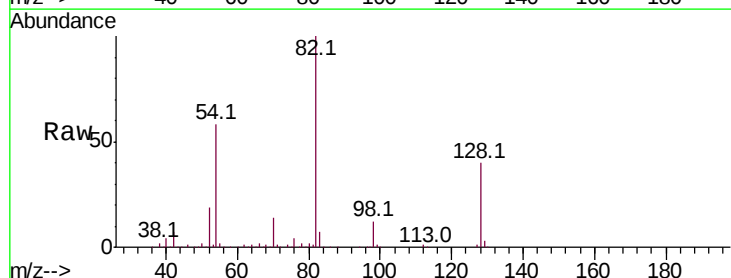
Tgt Ion: 82 Resp: 649872

Ion Ratio Lower Upper

82 100

128 40.5 36.1 54.1

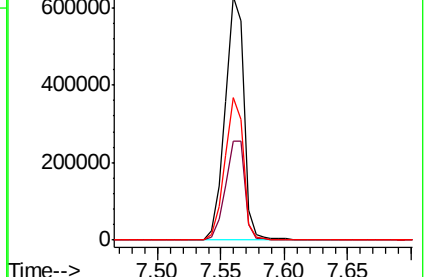
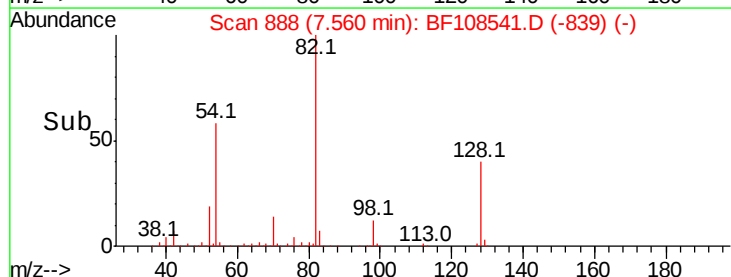
54 58.5 41.4 62.2

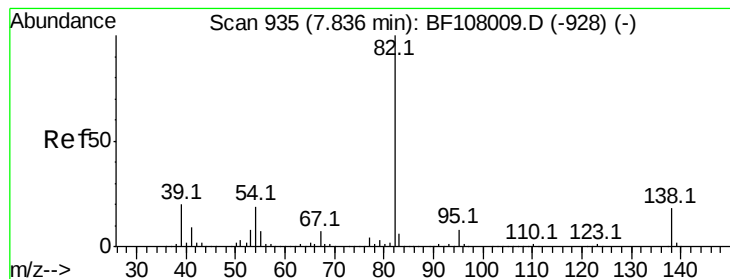


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 53.344 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

Instrument :

BNA_F

ClientSampled :

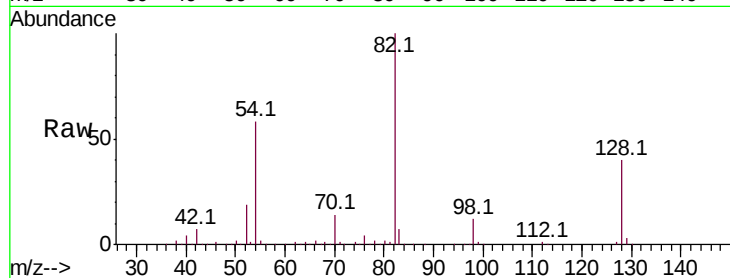
Tot Ion: 82 Resp: 649868

Ion Ratio Lower Upper

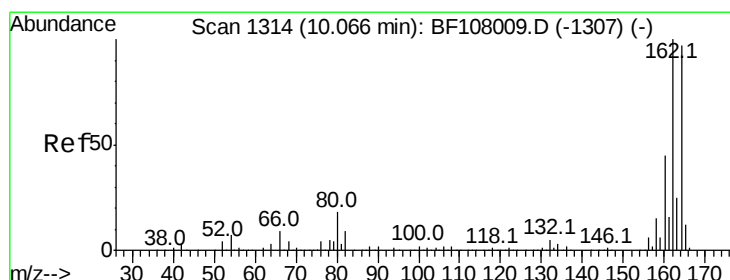
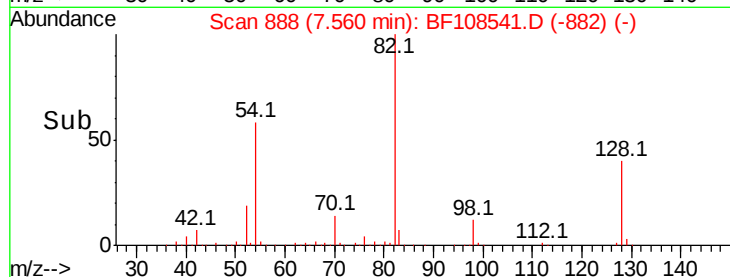
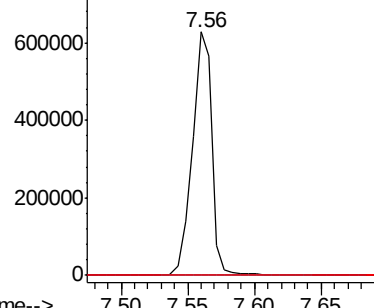
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

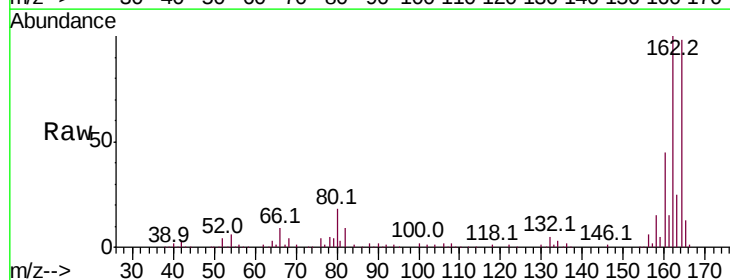
Tgt Ion: 164 Resp: 150821

Ion Ratio Lower Upper

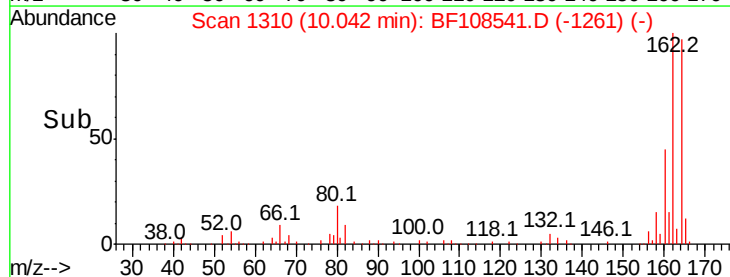
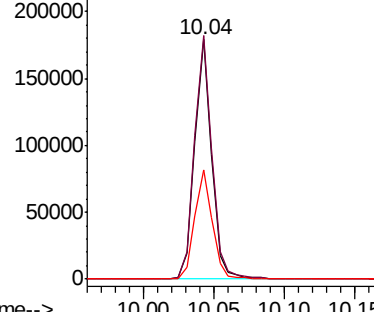
164 100

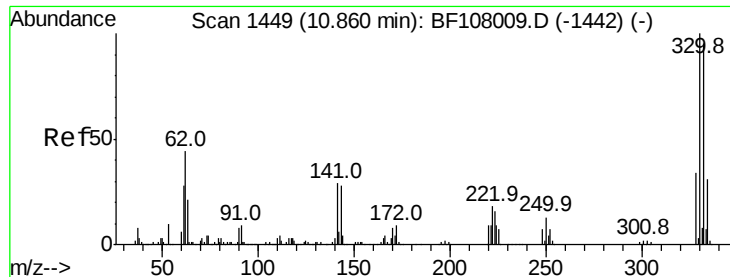
162 101.8 86.1 129.1

160 45.7 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

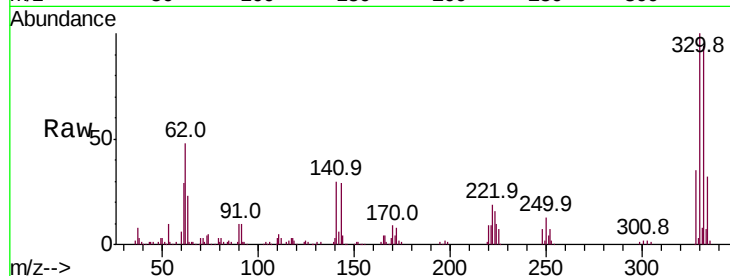




#41
 2,4,6-Tribromophenol
 Concen: 90.221 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108541.D
 Acq: 28 Aug 2018 5:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	33.1	29.9	44.9

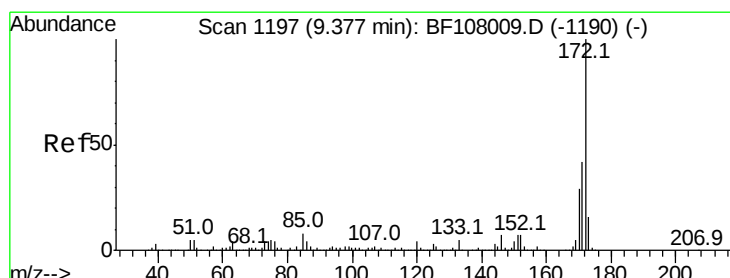
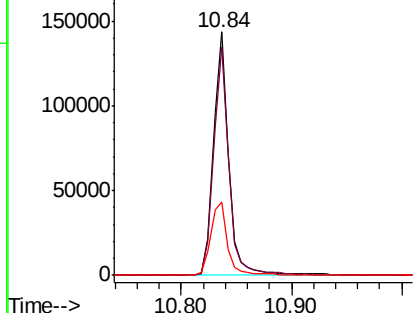
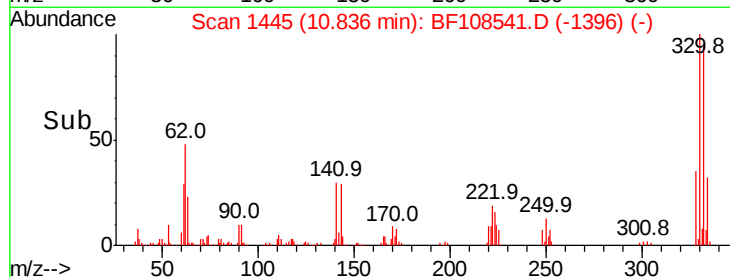


Abundance

Ion 329.80 (329.50 to 330.50): E

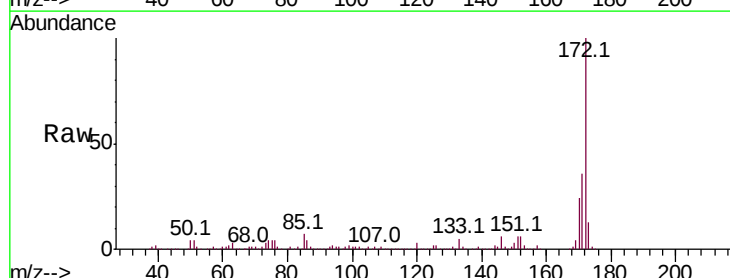
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 124.282 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108541.D
 Acq: 28 Aug 2018 5:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4

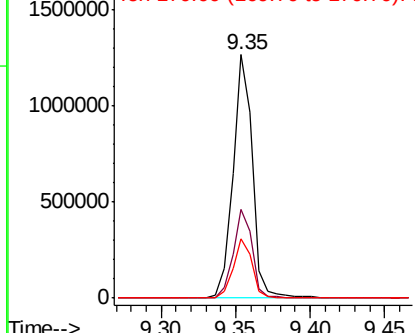
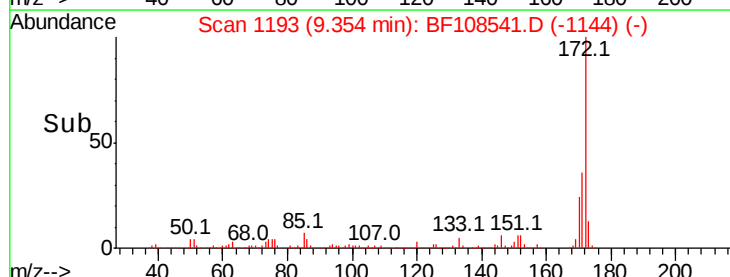


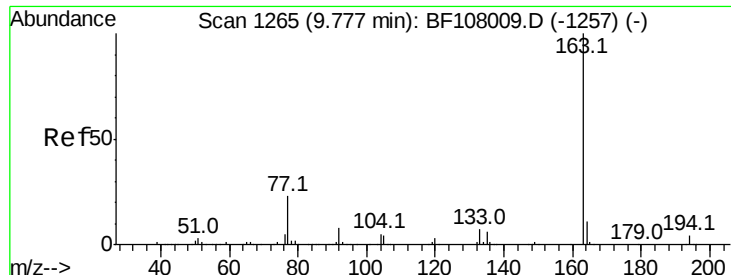
Abundance

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: 10.933 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

Instrument :

BNA_F

ClientSampleId :

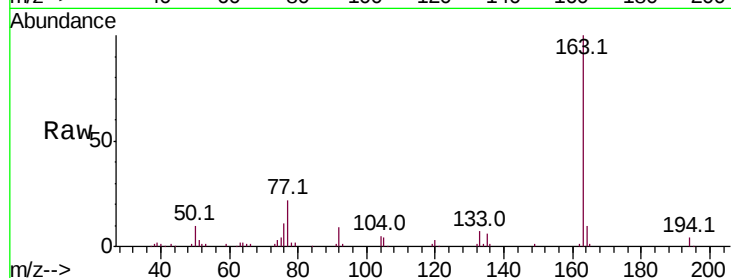
Tot Ion:163 Resp: 114857

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

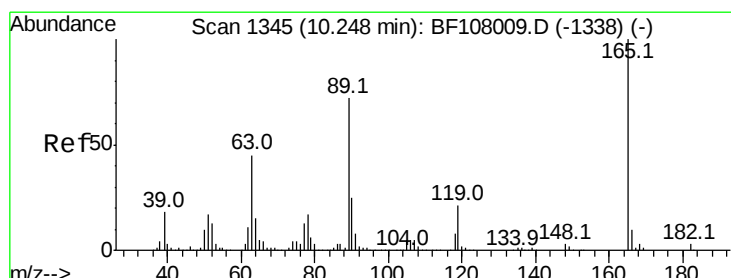
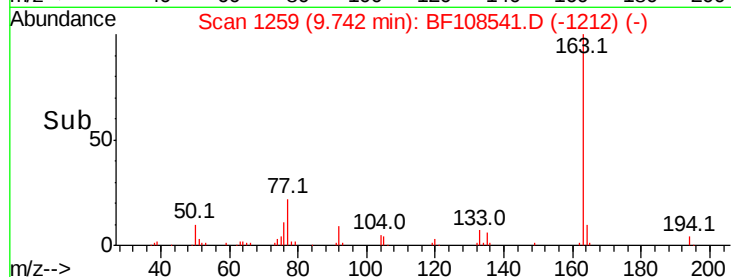
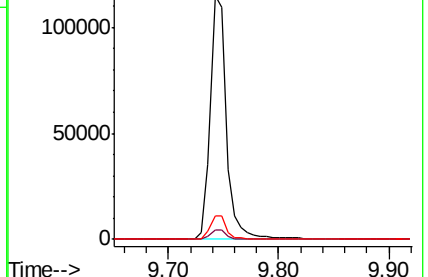
164 9.8 8.2 12.2



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: 6.803 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.19 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

Tgt Ion:165 Resp: 19248

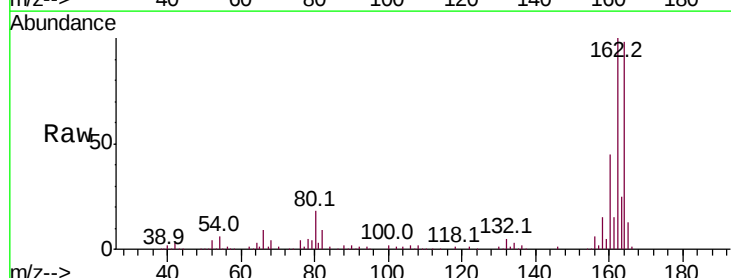
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 2.0 57.8 86.6#

182 0.0 1.6 2.4#

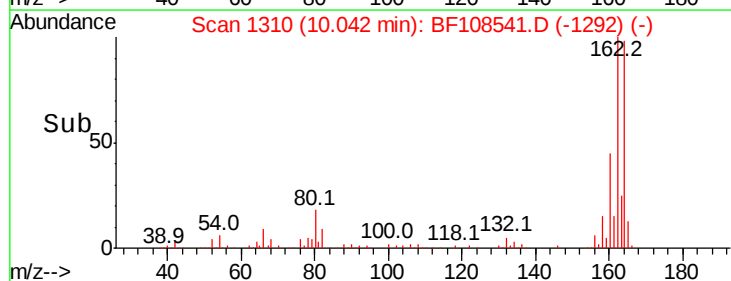
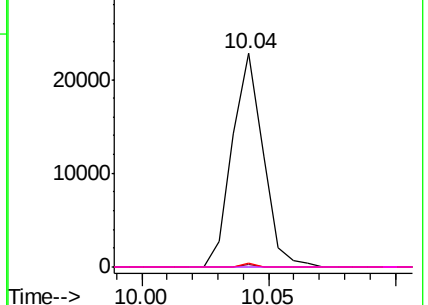


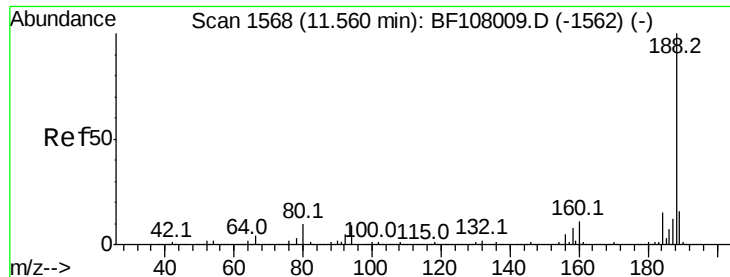
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1564

Delta R.T. -0.01 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

Instrument :

BNA_F

ClientSampleId :

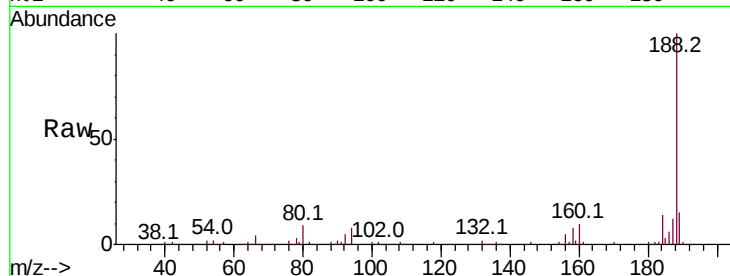
Tot Ion:188 Resp: 256681

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7#

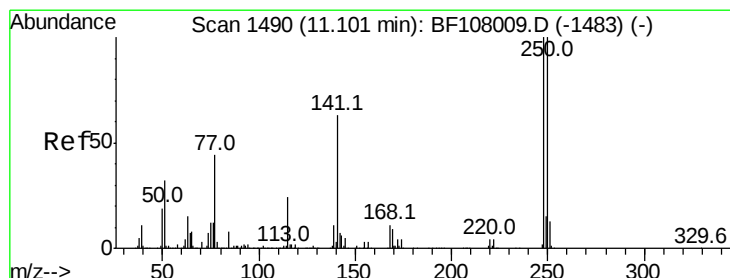
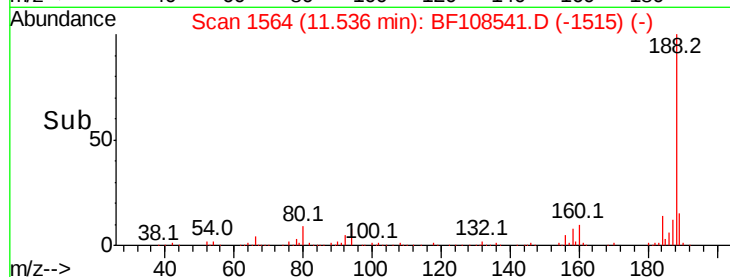
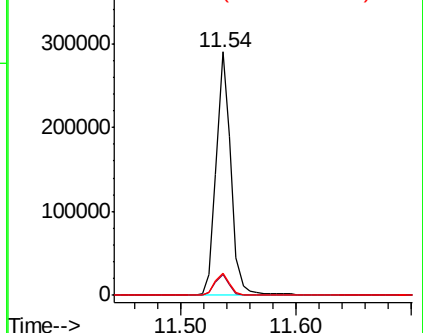
80 9.2 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 3.152 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.25 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

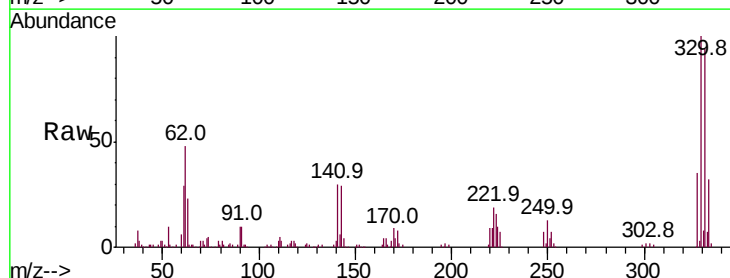
Tgt Ion:248 Resp: 8791

Ion Ratio Lower Upper

248 100

250 196.5 76.9 115.3#

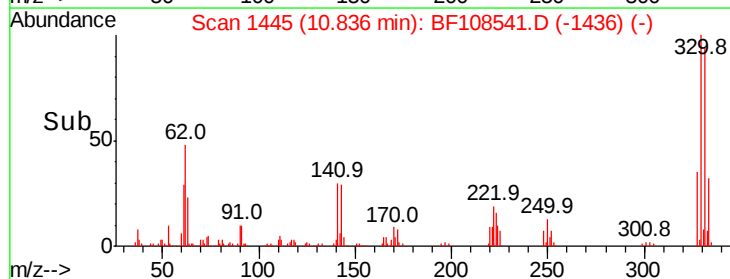
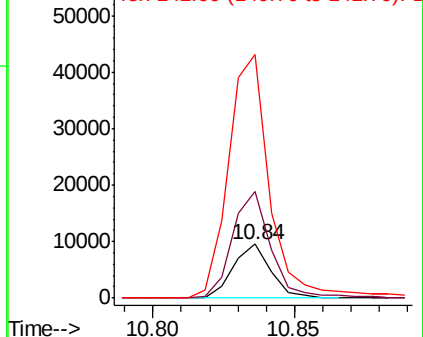
141 449.8 74.4 111.6#

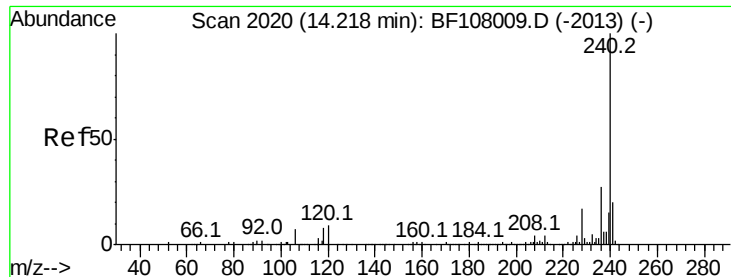


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF108541.D

Acq: 28 Aug 2018 5:58

Instrument :

BNA_F

ClientSampleId :

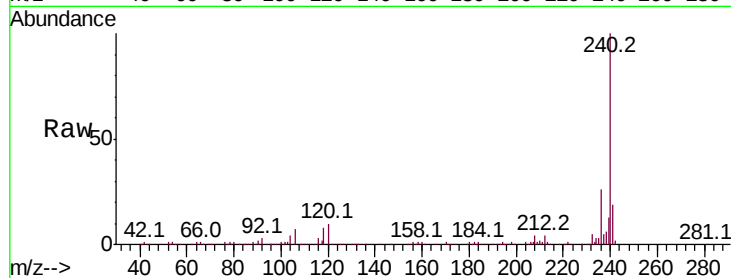
Tot Ion:240 Resp: 260199

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

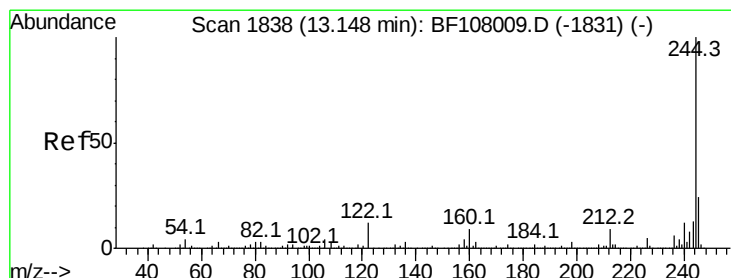
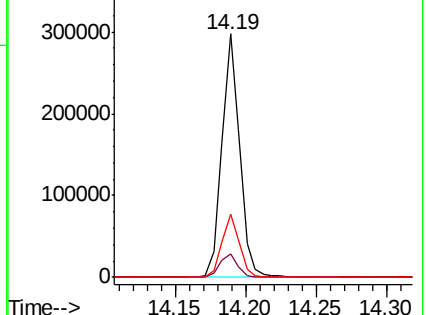
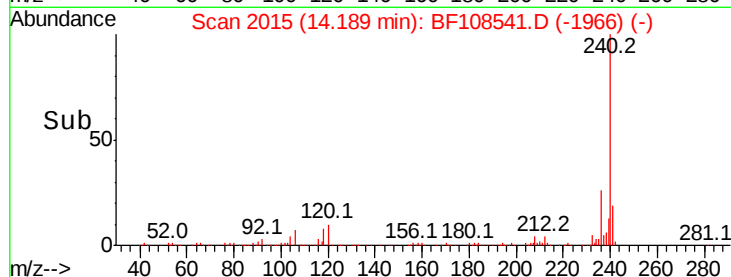
236 26.0 20.7 31.1



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: 94.560 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108541.D

Acq: 28 Aug 2018 5:58

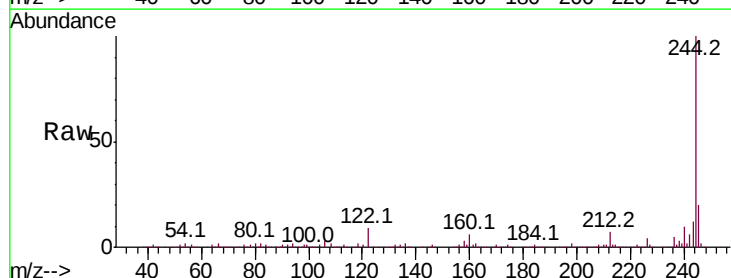
Tgt Ion:244 Resp: 967702

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

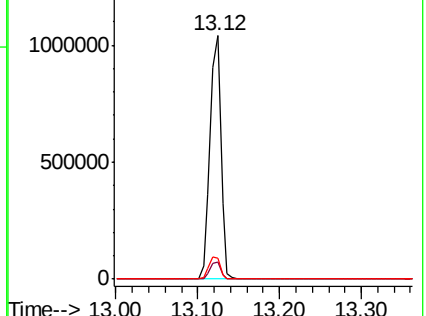
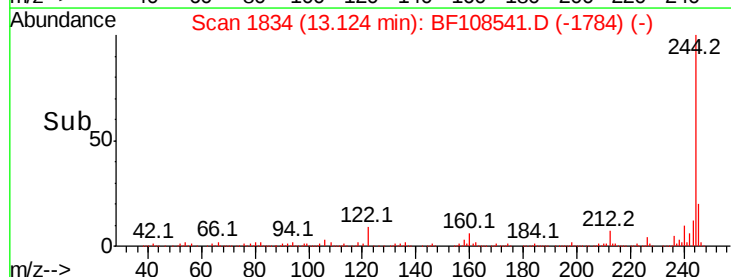
122 8.5 11.0 16.4#

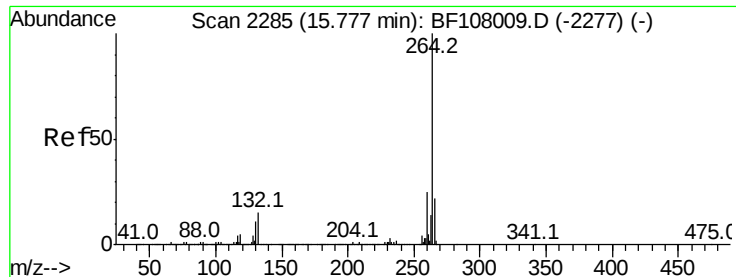


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108541.D
Acq: 28 Aug 2018 5:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.5	26.3

