

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106784.D
 Acq On : 25 Jun 2018 21:02
 Operator : JU/SJ
 Sample : J3594-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 02:10:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

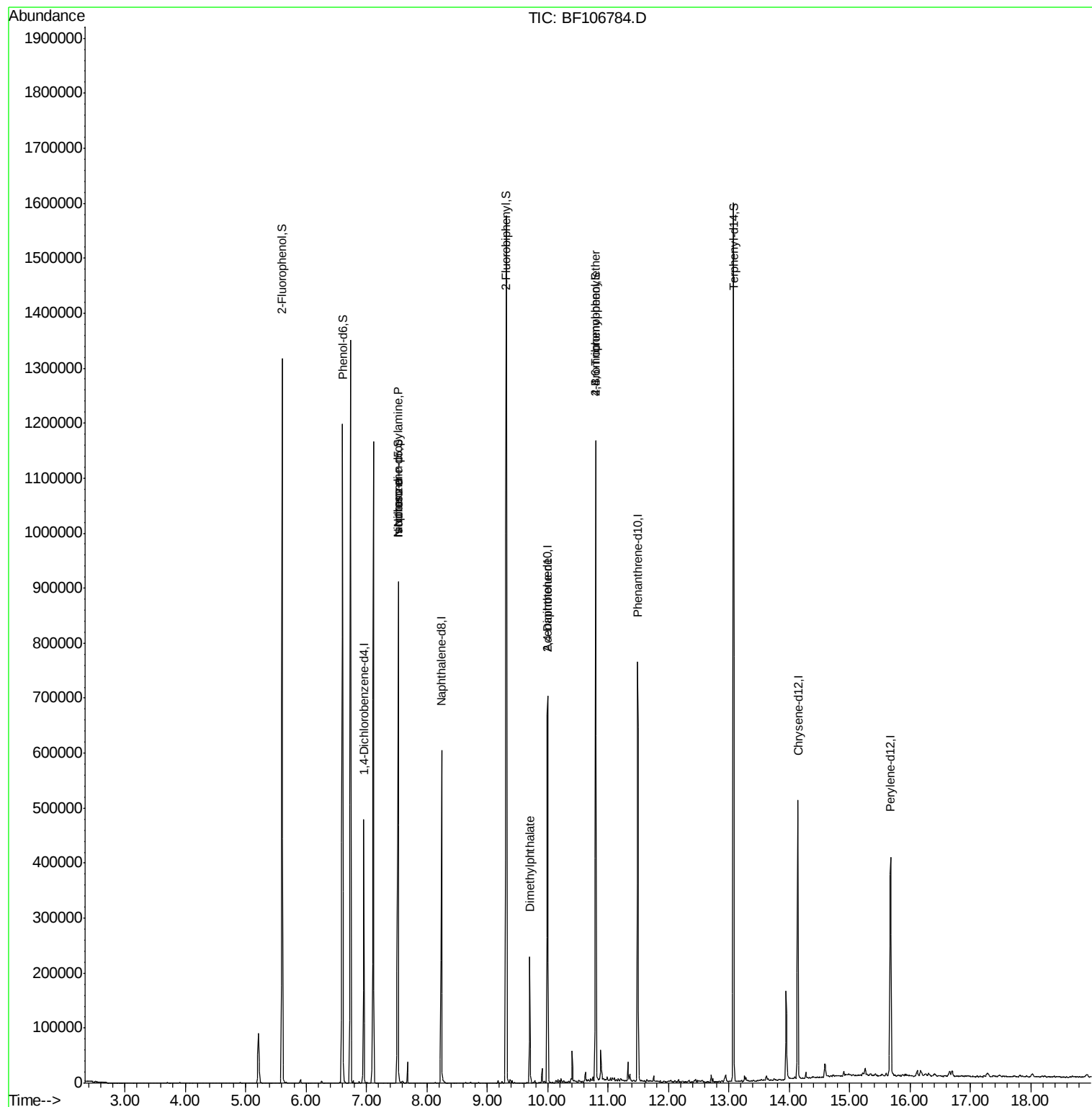
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	75810	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	302973	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	157134	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	301622	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	196181	20.00	ng	-0.02
86) Perylene-d12	15.68	264	214279	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	412570	92.15	ng	0.00
7) Phenol-d6	6.61	99	528839	94.59	ng	0.00
23) Nitrobenzene-d5	7.52	82	352471	64.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	184182	101.13	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	627524	63.94	ng	0.00
78) Terphenyl-d14	13.08	244	640005	79.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	45960	12.471	ng	# 73
25) Isophorone	7.52	82	349449	36.375	ng	# 64
49) Dimethylphthalate	9.71	163	104514	8.868	ng	99
56) 2,4-Dinitrotoluene	10.00	165	20111	6.174	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	11256	3.127	ng	# 1

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

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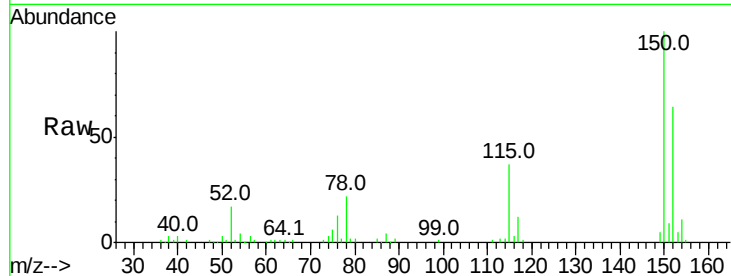


#1

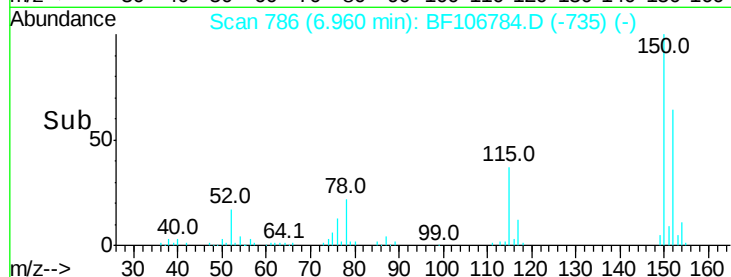
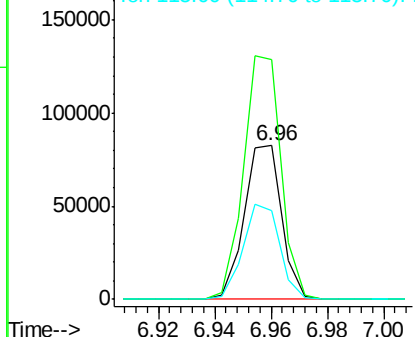
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106784.D
Acq: 25 Jun 2018 21:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75810
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 57.7 50.1 75.1



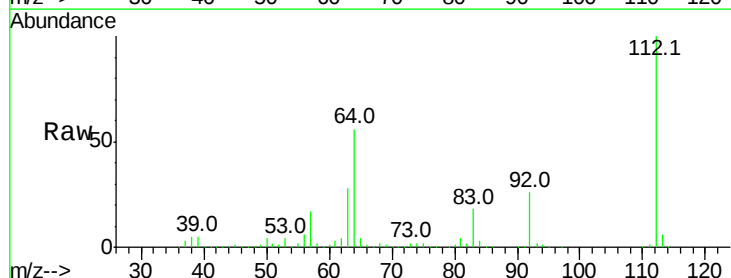
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



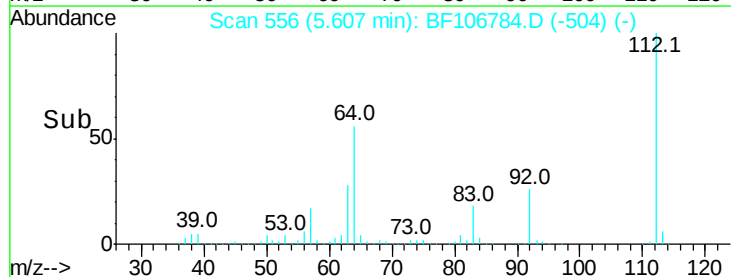
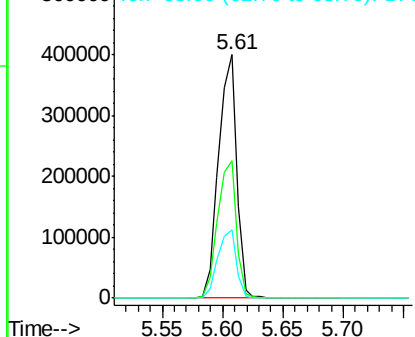
#5

2-Fluorophenol
Concen: 92.153 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106784.D
Acq: 25 Jun 2018 21:02

Tgt Ion:112 Resp: 412570
Ion Ratio Lower Upper
112 100
64 56.3 47.9 71.9
63 28.0 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: 94.589 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106784.D

Acq: 25 Jun 2018 21:02

Instrument :

BNA_F

ClientSampled :

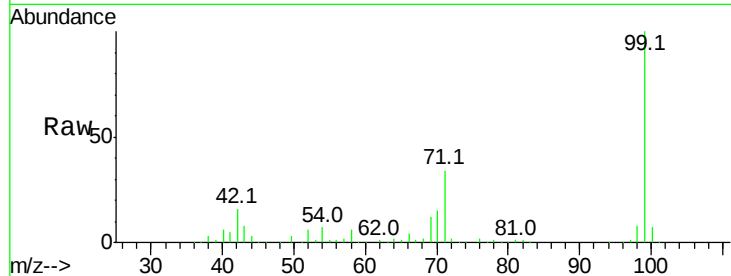
Tot Ion: 99 Resp: 528839

Ion Ratio Lower Upper

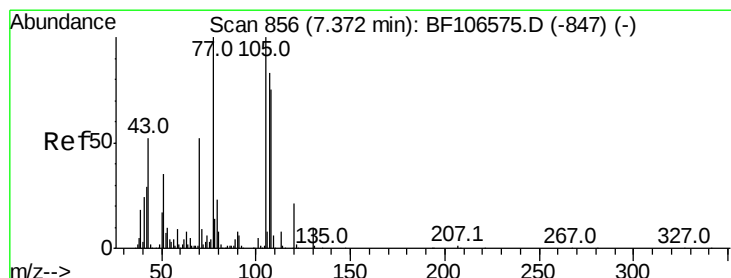
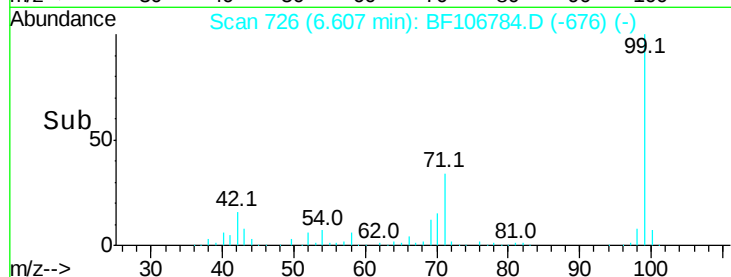
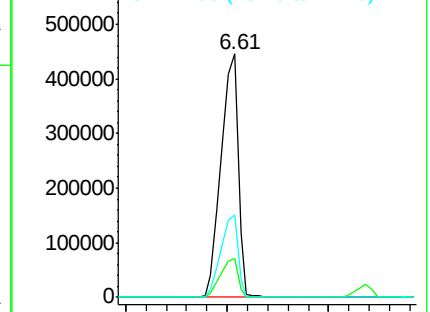
99 100

42 15.8 14.5 21.7

71 33.7 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: 12.471 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106784.D

Acq: 25 Jun 2018 21:02

Tgt Ion: 70 Resp: 45960

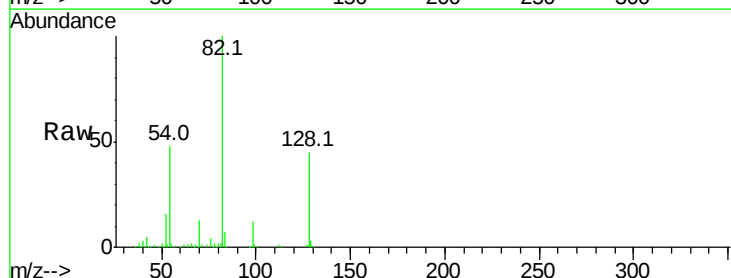
Ion Ratio Lower Upper

70 100

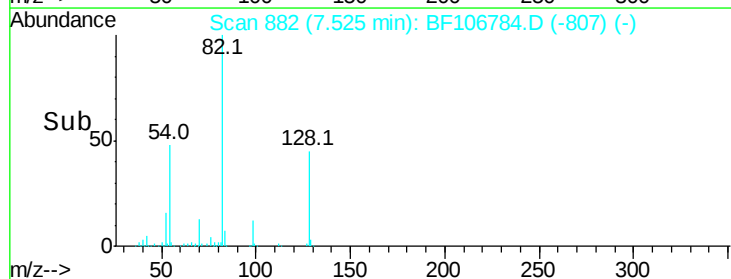
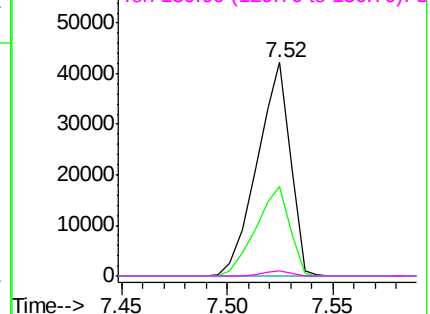
42 41.8 47.5 71.3#

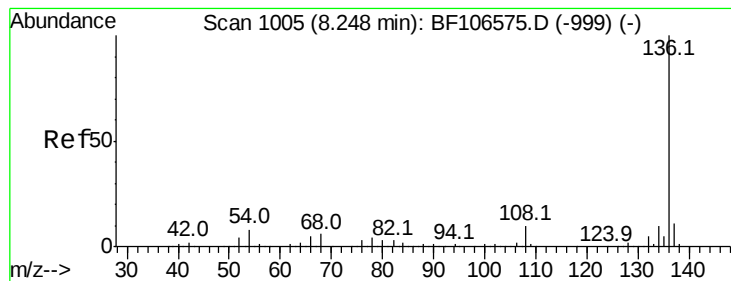
101 0.0 7.4 11.2#

130 2.3 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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106784.D

Acq: 25 Jun 2018 21:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 302973

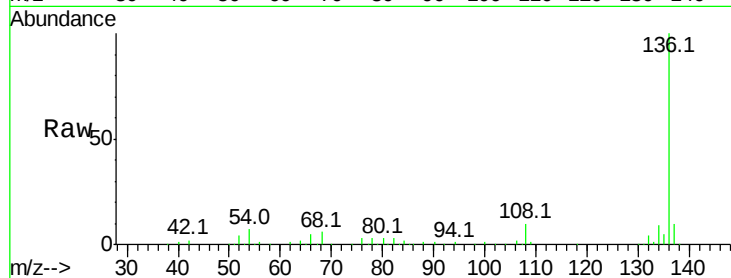
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.1 6.6 9.8

68 5.5 5.0 7.4

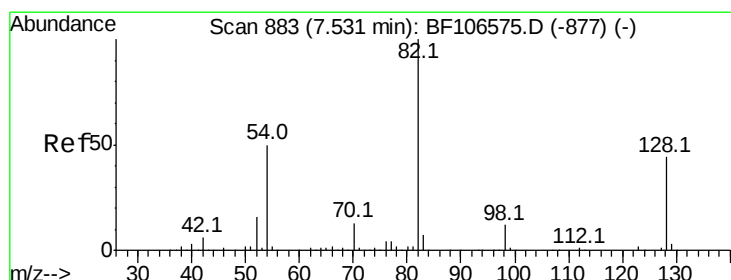
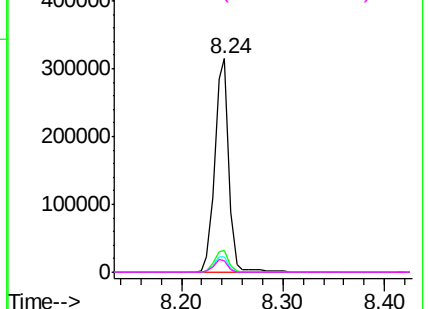
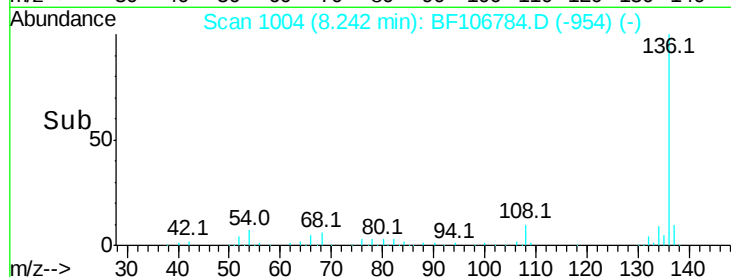


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.653 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106784.D

Acq: 25 Jun 2018 21:02

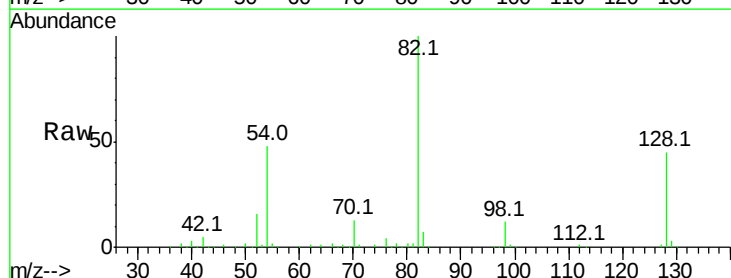
Tgt Ion: 82 Resp: 352471

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

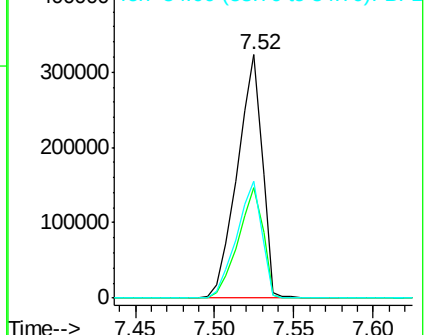
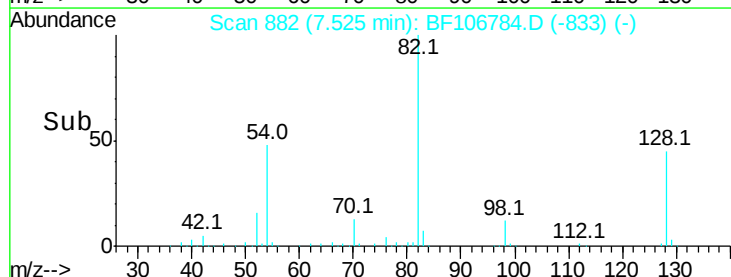
54 48.1 41.4 62.2

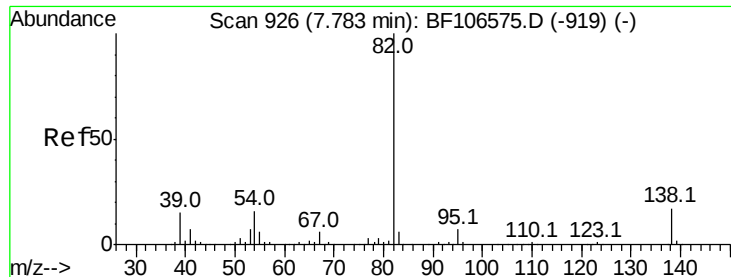


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.375 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106784.D

Acq: 25 Jun 2018 21:02

Instrument :

BNA_F

ClientSampled :

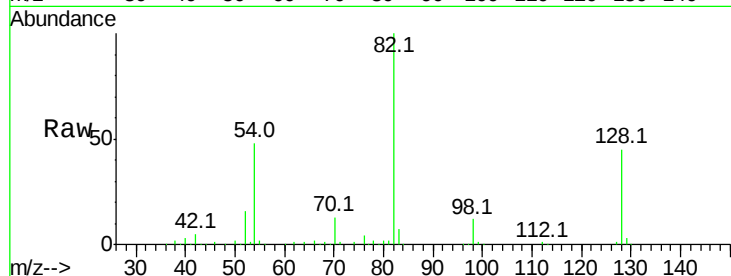
Tot Ion: 82 Resp: 349449

Ion Ratio Lower Upper

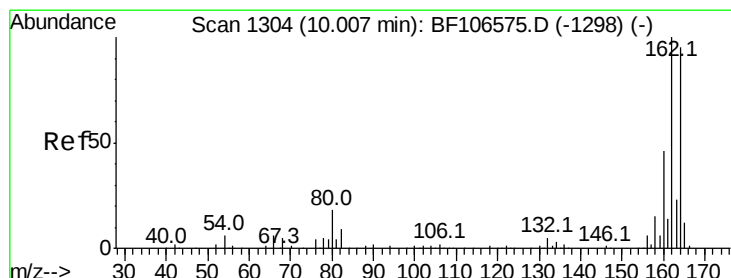
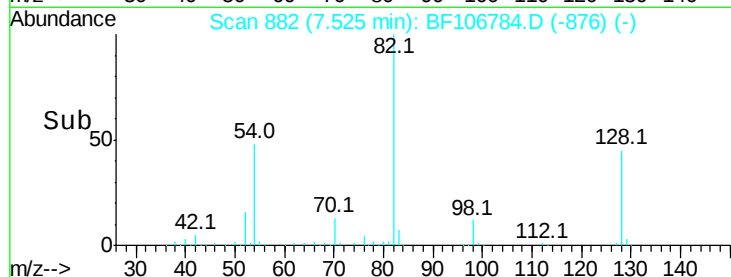
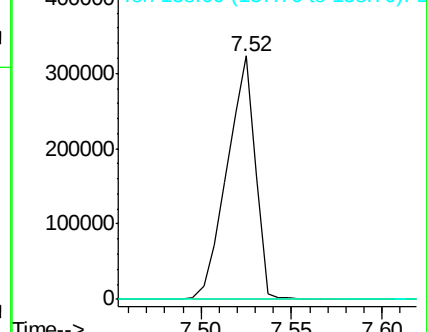
82 100

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: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF106784.D

Acq: 25 Jun 2018 21:02

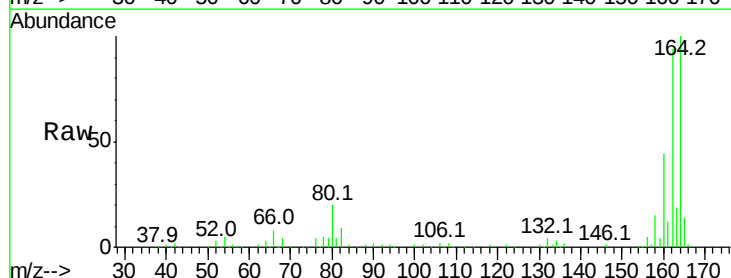
Tgt Ion:164 Resp: 157134

Ion Ratio Lower Upper

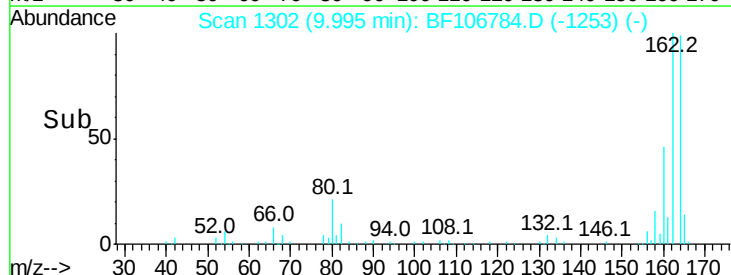
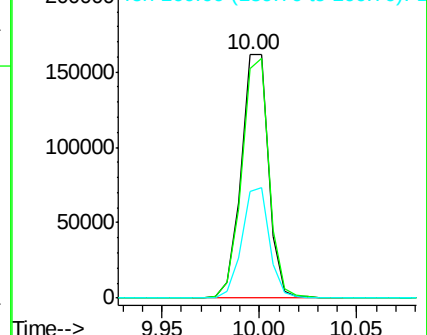
164 100

162 94.3 86.1 129.1

160 43.6 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

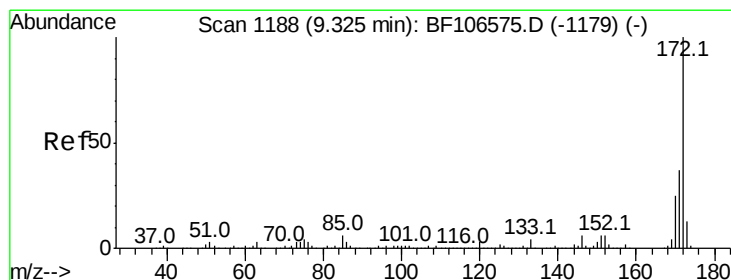
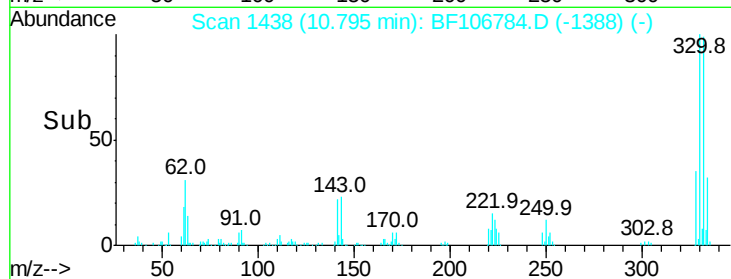
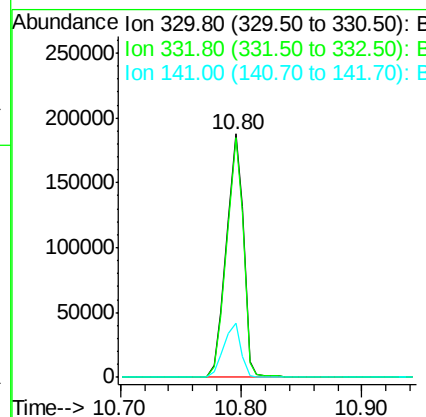
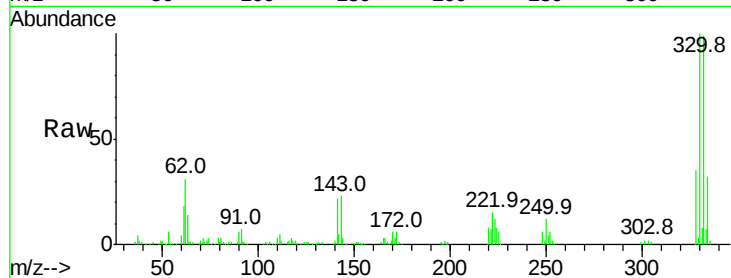




#41
 2,4,6-Tribromophenol
 Concen: 101.131 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106784.D
 Acq: 25 Jun 2018 21:02

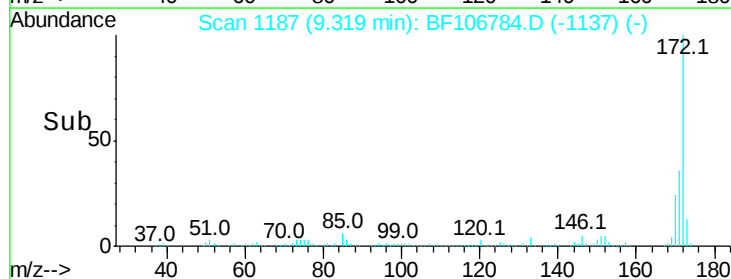
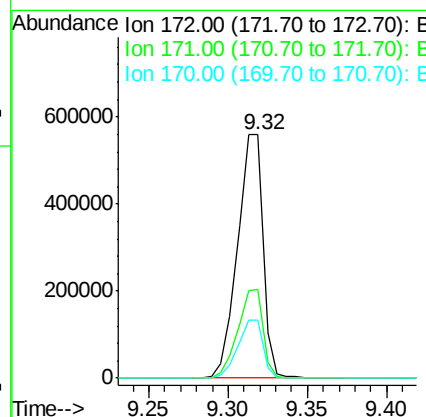
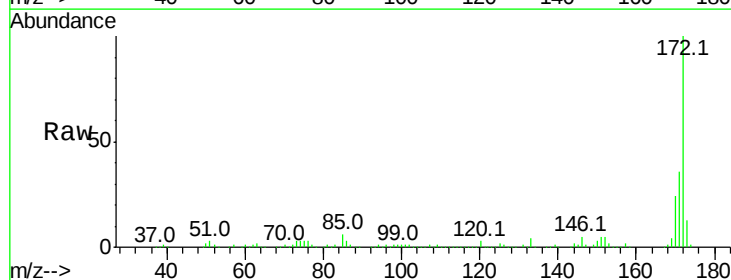
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	22.3	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 63.941 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106784.D
 Acq: 25 Jun 2018 21:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 8.868 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106784.D

Acq: 25 Jun 2018 21:02

Instrument :

BNA_F

ClientSampleId :

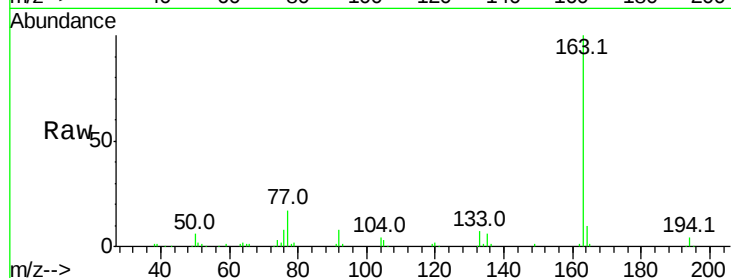
Tot Ion:163 Resp: 104514

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

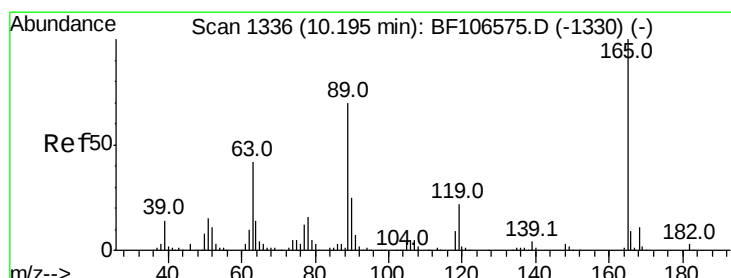
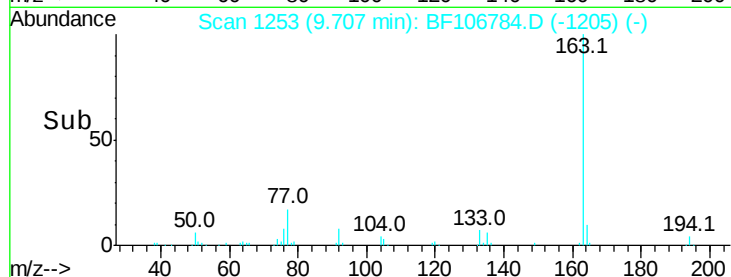
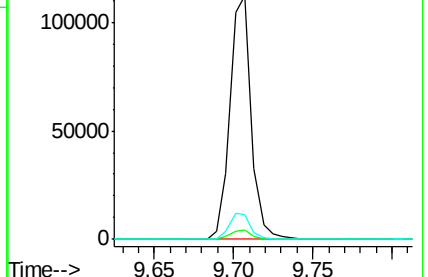
164 10.2 8.2 12.2



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: 6.174 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.21 min

Lab File: BF106784.D

Acq: 25 Jun 2018 21:02

Tgt Ion:165 Resp: 20111

Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

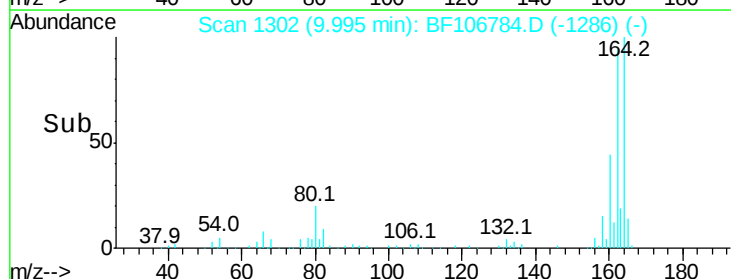
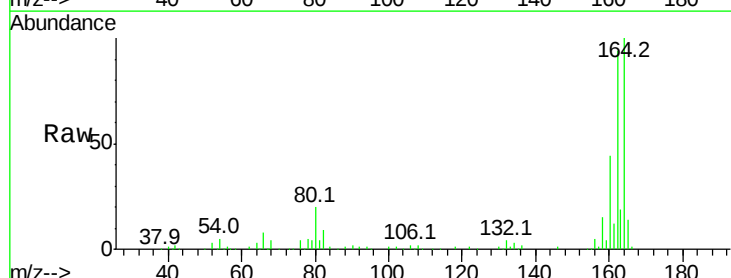
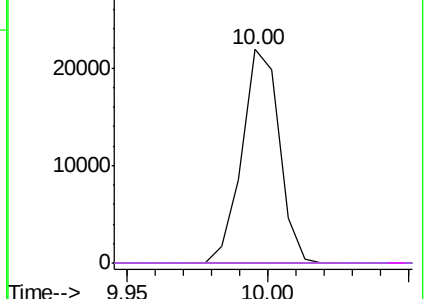
182 0.0 1.6 2.4#

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

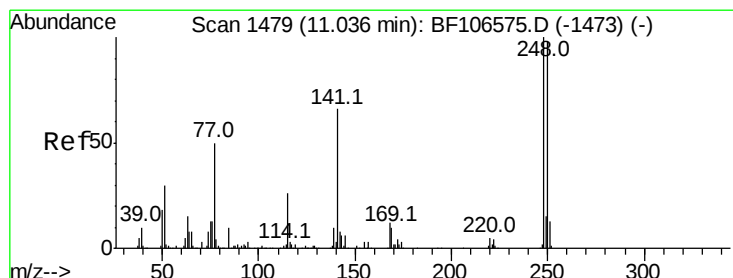
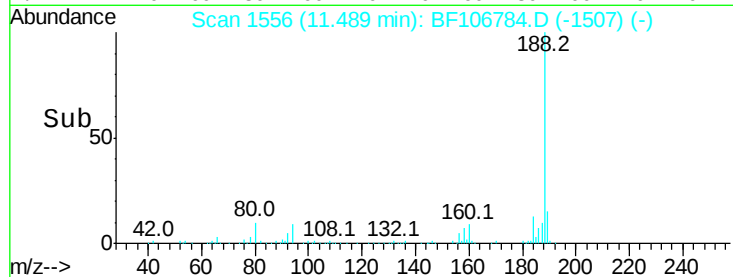
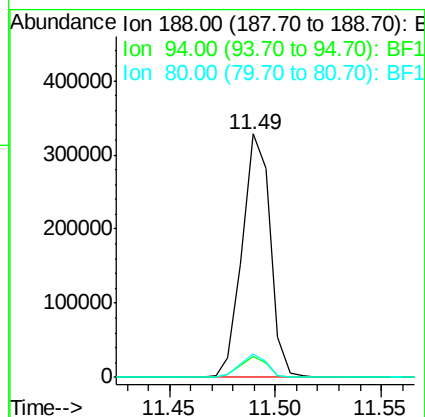
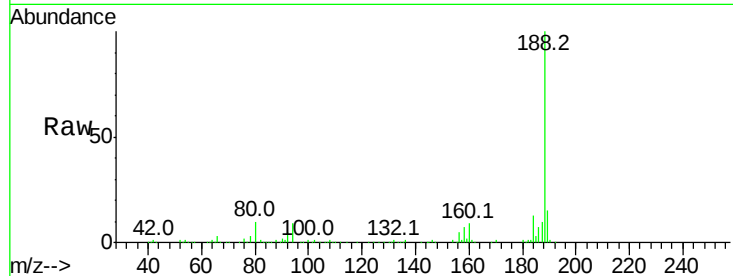




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF106784.D
 Acq: 25 Jun 2018 21:02

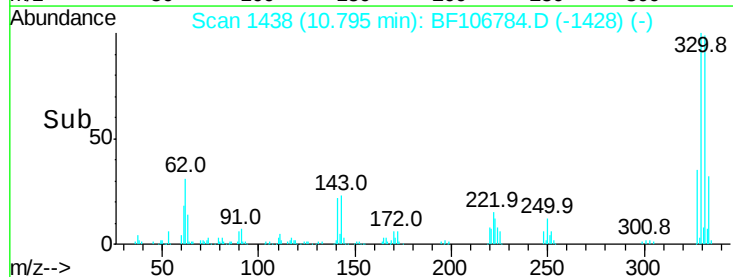
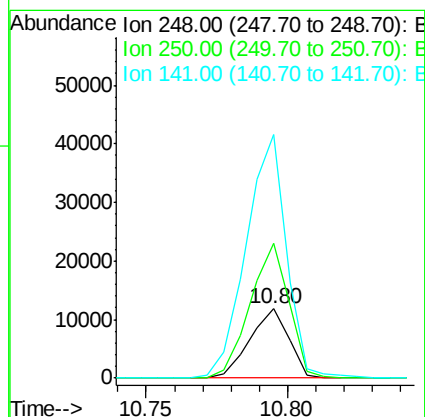
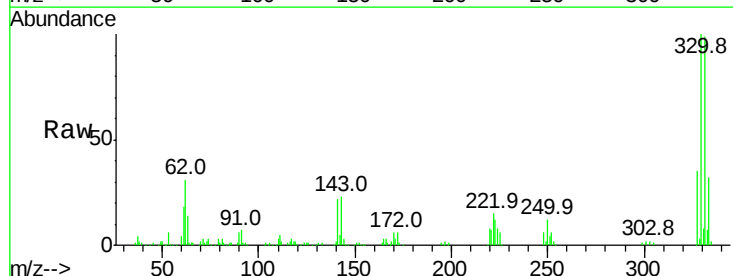
Instrument :
 BNA_F
 ClientSampleId :

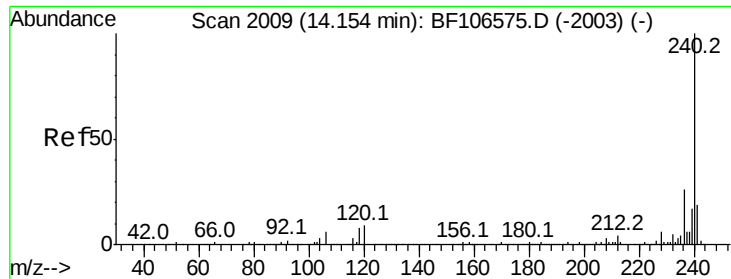
Tot Ion:188 Resp: 301622
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 9.8 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.127 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF106784.D
 Acq: 25 Jun 2018 21:02

Tgt Ion:248 Resp: 11256
 Ion Ratio Lower Upper
 248 100
 250 194.6 76.9 115.3#
 141 352.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106784.D

Acq: 25 Jun 2018 21:02

Instrument :

BNA_F

ClientSampled :

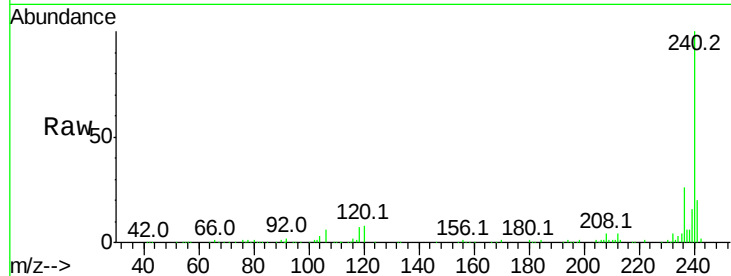
Tot Ion:240 Resp: 196181

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

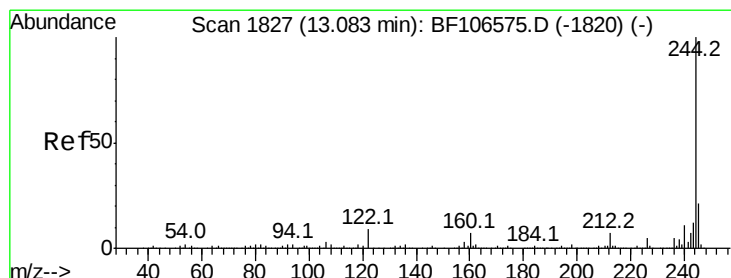
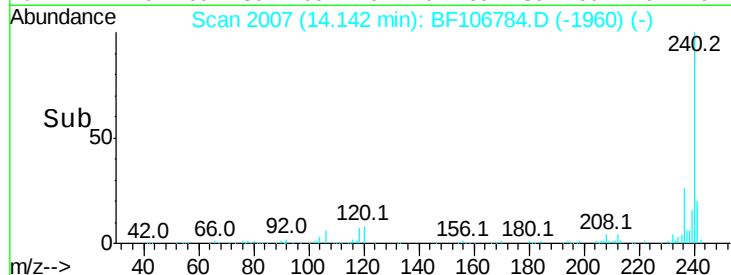
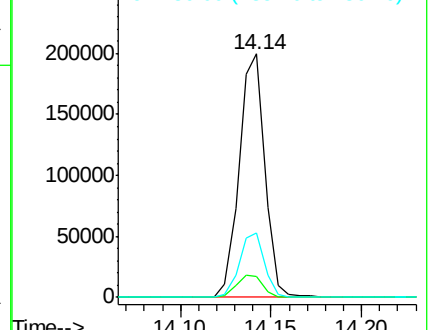
236 26.3 20.7 31.1



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: 79.023 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106784.D

Acq: 25 Jun 2018 21:02

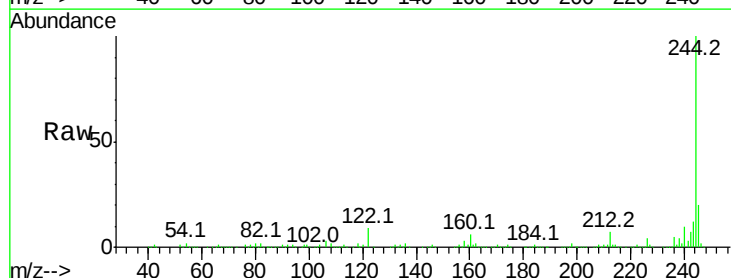
Tgt Ion:244 Resp: 640005

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

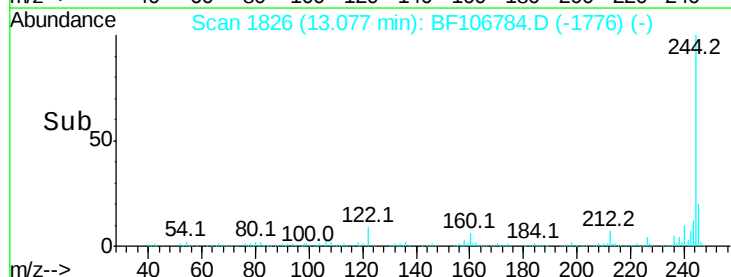
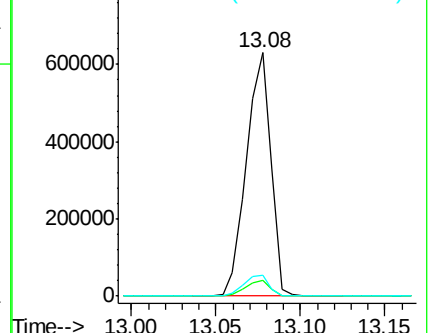
122 8.7 11.0 16.4#

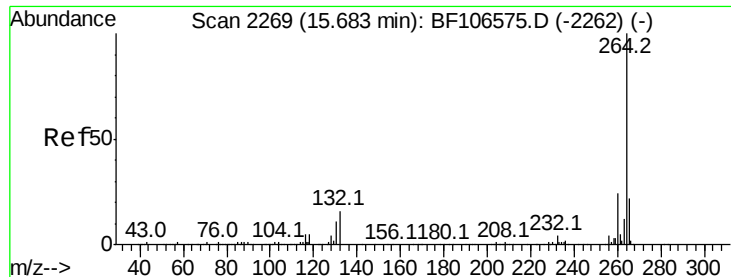


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106784.D
 Acq: 25 Jun 2018 21:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3

