

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107325.D
 Acq On : 12 Jul 2018 3:07
 Operator : JU/SJ
 Sample : J3931-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 07:16:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

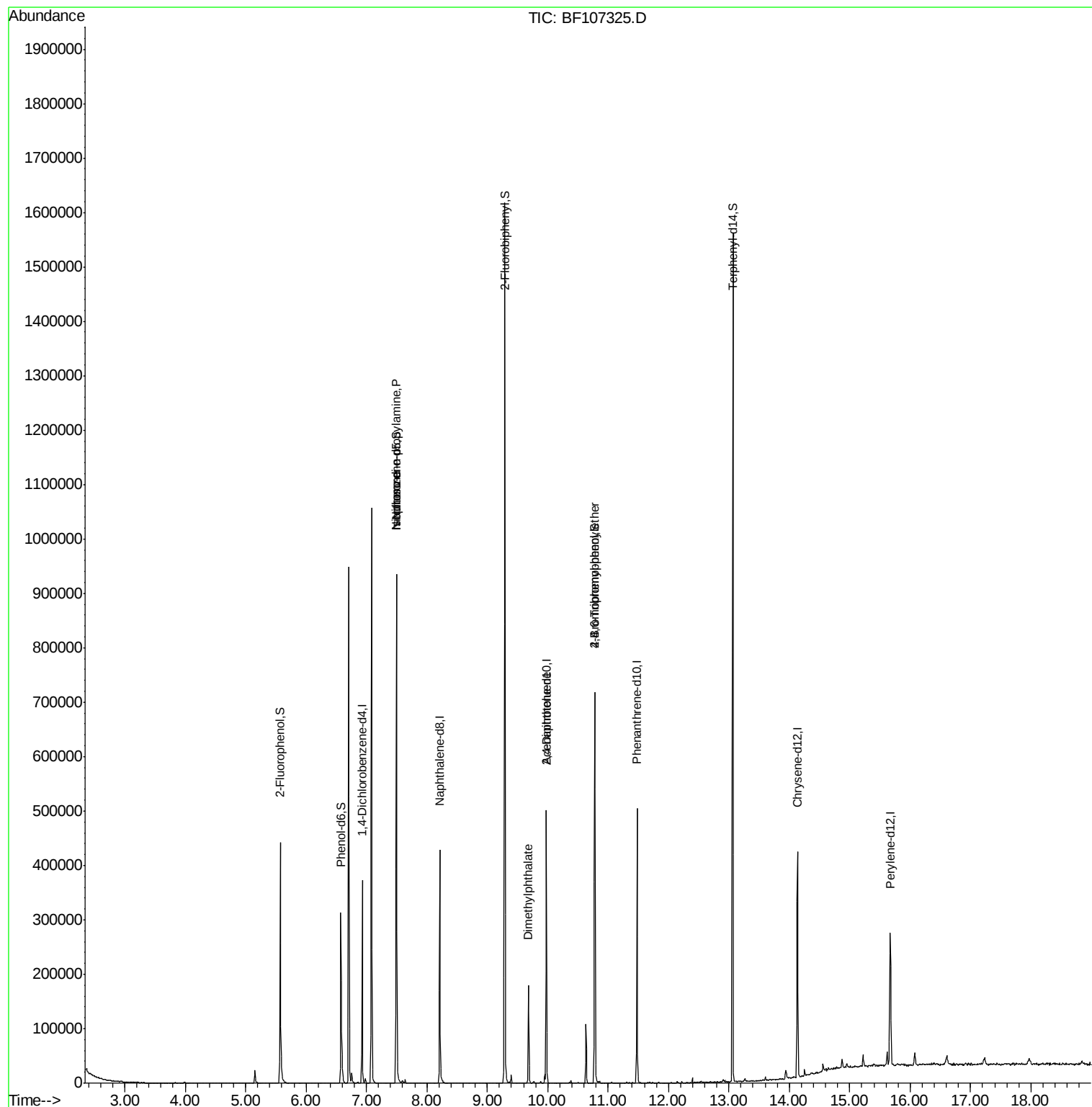
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	53633	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	204372	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	102314	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	183086	20.00	ng	0.00
75) Chrysene-d12	14.14	240	142877	20.00	ng	0.00
86) Perylene-d12	15.67	264	128495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	139755	44.12	ng	0.00
7) Phenol-d6	6.58	99	114341	28.91	ng	0.00
23) Nitrobenzene-d5	7.50	82	334231	90.89	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	104110	87.79	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	588056	99.86	ng	0.00
78) Terphenyl-d14	13.07	244	629420	106.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	43139	16.546	ng	# 73
25) Isophorone	7.50	82	334231	51.576	ng	# 64
49) Dimethylphthalate	9.68	163	74556	9.716	ng	# 98
56) 2,4-Dinitrotoluene	9.98	165	12577	5.930	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	6388	2.924	ng	# 1

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

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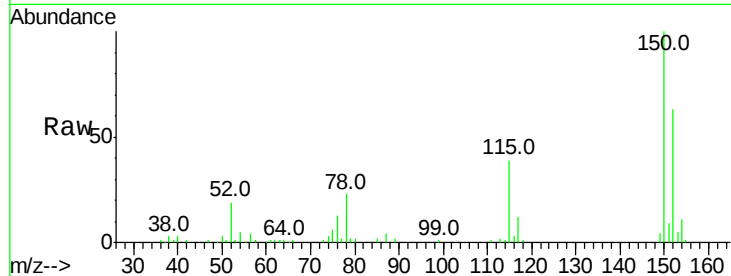


#1

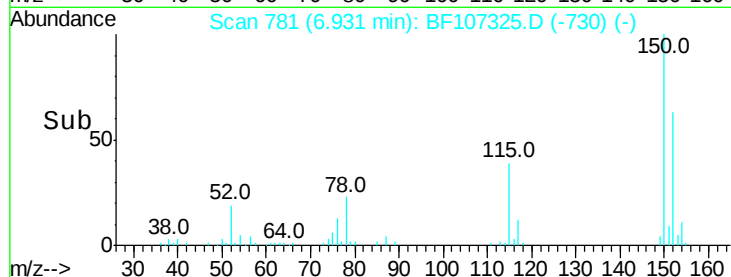
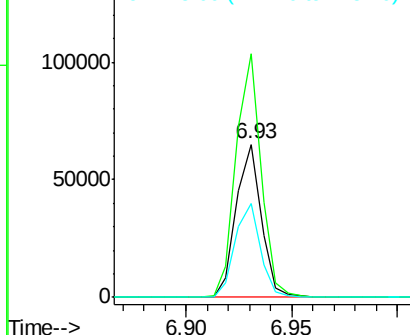
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107325.D
Acq: 12 Jul 2018 3:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 53633
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 61.3 50.1 75.1



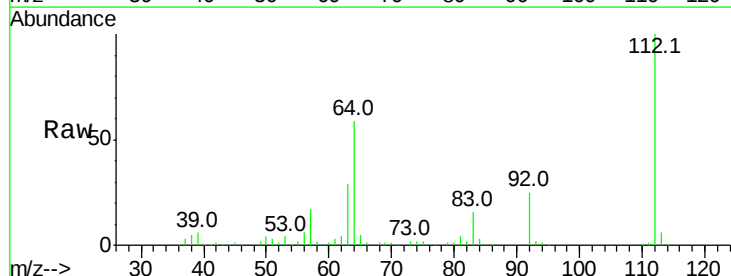
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



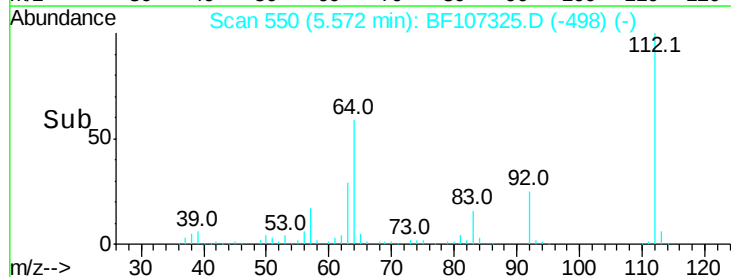
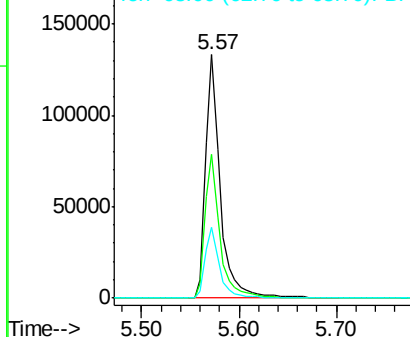
#5

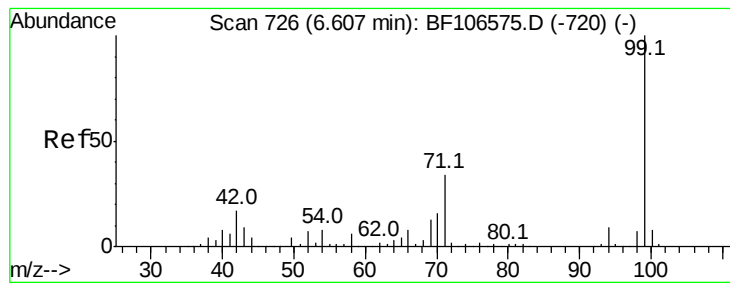
2-Fluorophenol
Concen: 44.124 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107325.D
Acq: 12 Jul 2018 3:07

Tgt Ion:112 Resp: 139755
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 28.9 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: 28.908 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107325.D

Acq: 12 Jul 2018 3:07

Instrument :

BNA_F

ClientSampled :

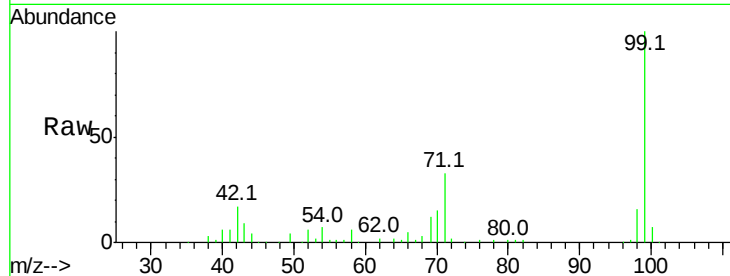
Tot Ion: 99 Resp: 114341

Ion Ratio Lower Upper

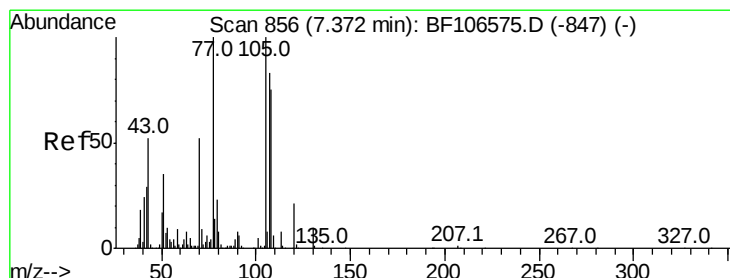
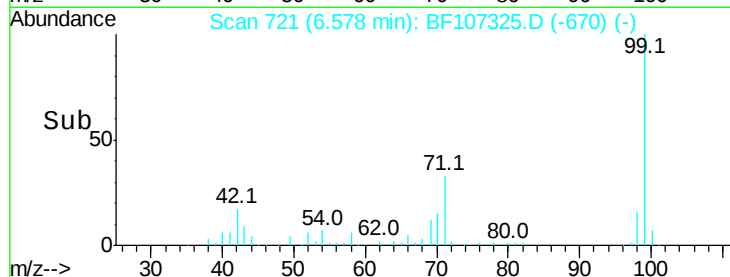
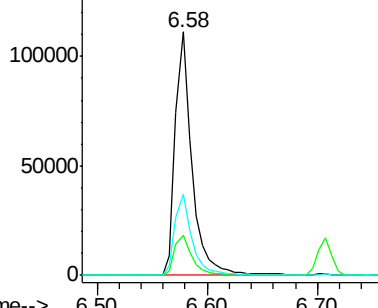
99 100

42 16.5 14.5 21.7

71 33.4 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: 16.546 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.16 min

Lab File: BF107325.D

Acq: 12 Jul 2018 3:07

Tgt Ion: 70 Resp: 43139

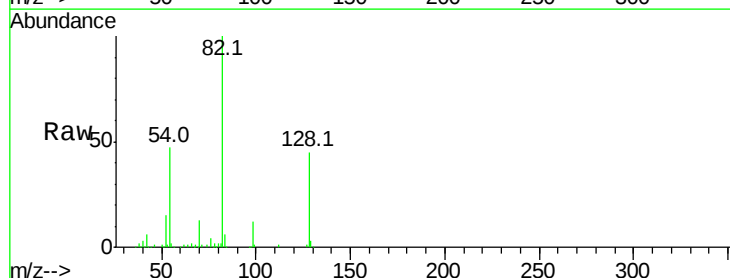
Ion Ratio Lower Upper

70 100

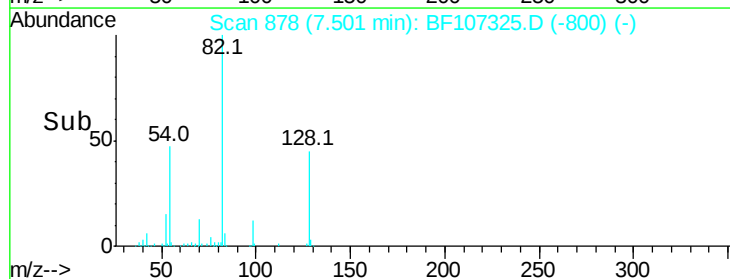
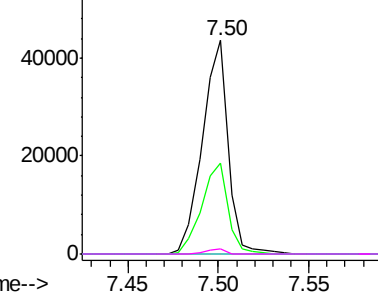
42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 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

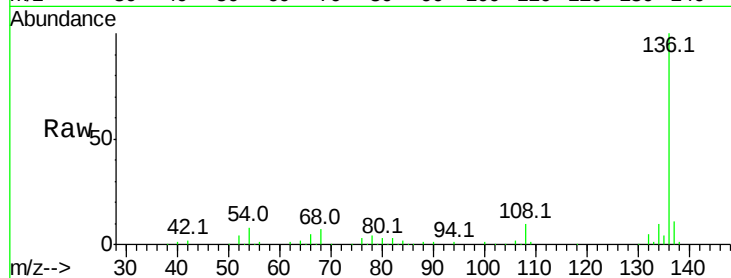




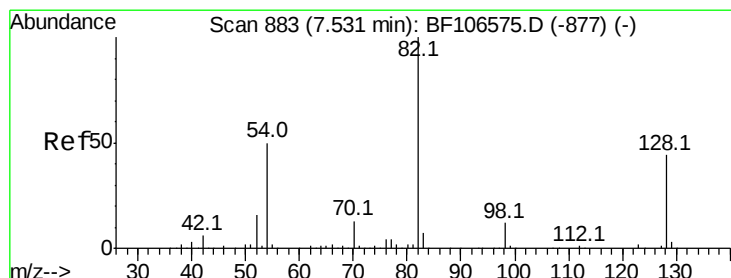
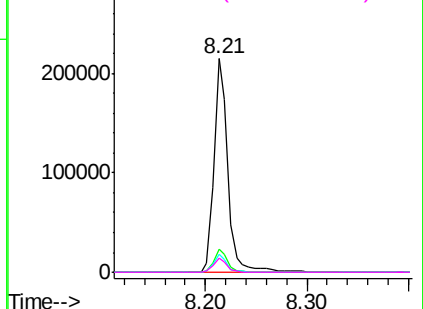
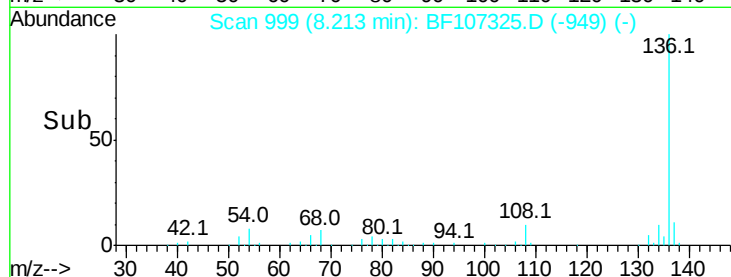
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107325.D
Acq: 12 Jul 2018 3:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	204372
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.4	6.6	9.8
68	6.7	5.0	7.4

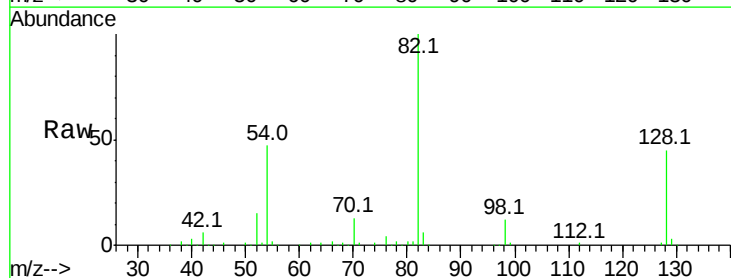


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

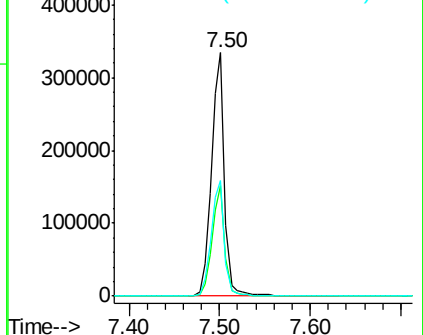
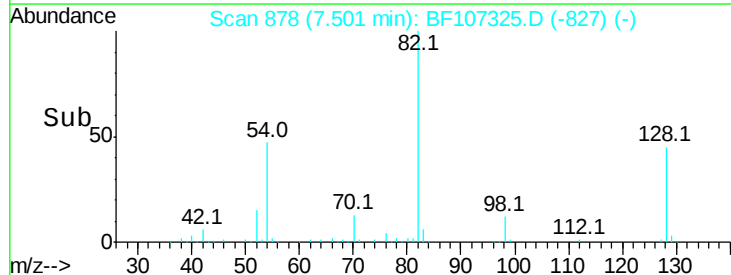


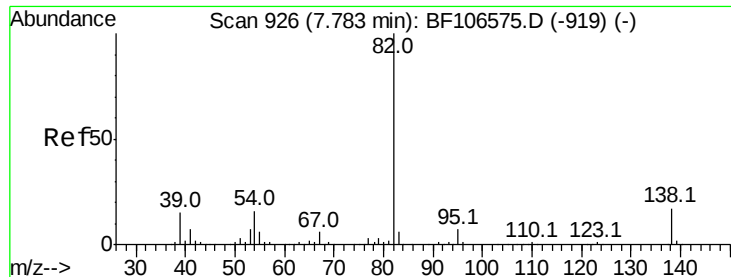
#23
Nitrobenzene-d5
Concen: 90.885 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF107325.D
Acq: 12 Jul 2018 3:07

Tgt Ion:	82	Resp:	334231
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	47.4	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

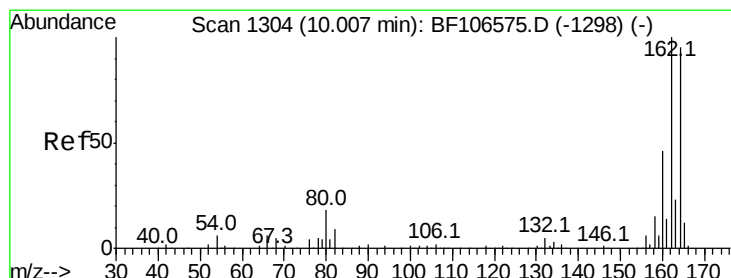
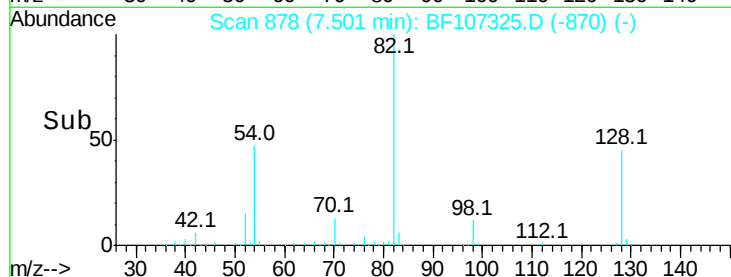
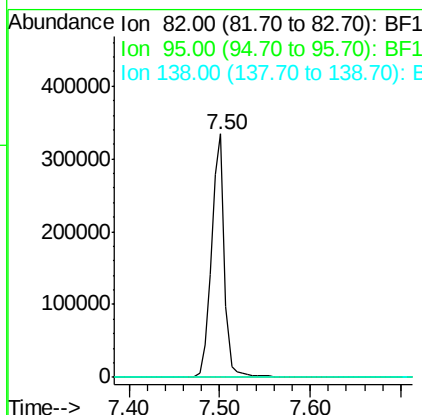
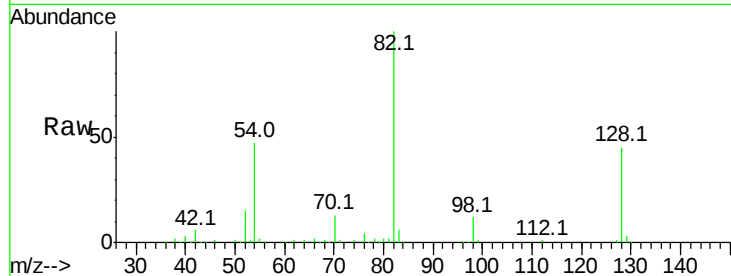




#25
Isophorone
Concen: 51.576 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.25 min
Lab File: BF107325.D
Acq: 12 Jul 2018 3:07

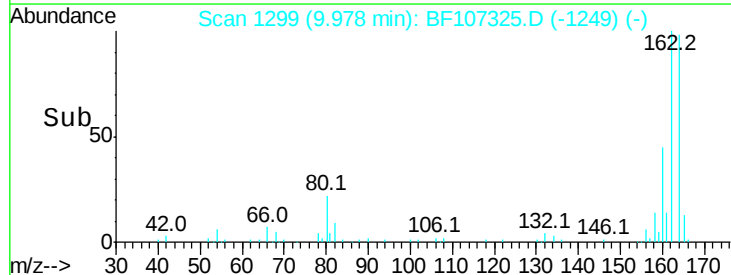
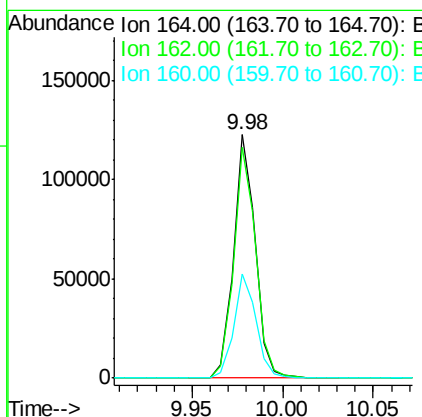
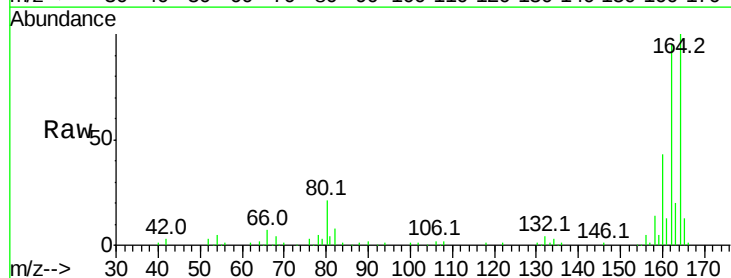
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 334231
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107325.D
Acq: 12 Jul 2018 3:07

Tgt Ion:164 Resp: 102314
Ion Ratio Lower Upper
164 100
162 94.9 86.1 129.1
160 42.6 38.3 57.5

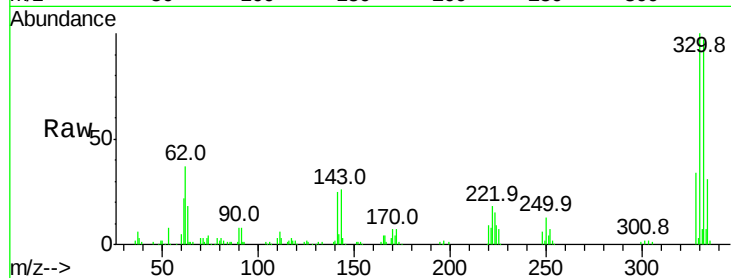




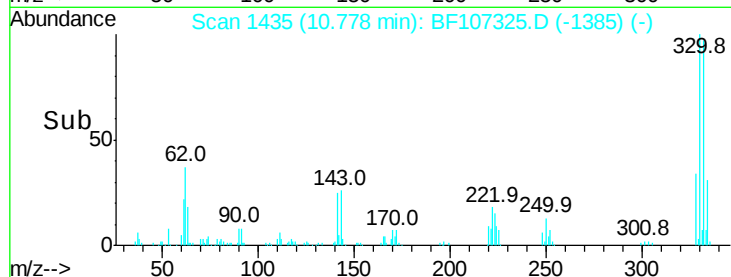
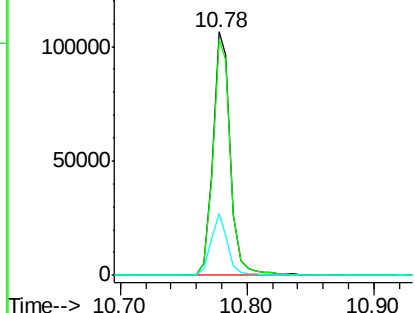
#41
 2,4,6-Tribromophenol
 Concen: 87.794 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107325.D
 Acq: 12 Jul 2018 3:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	23.6	29.9	44.9#

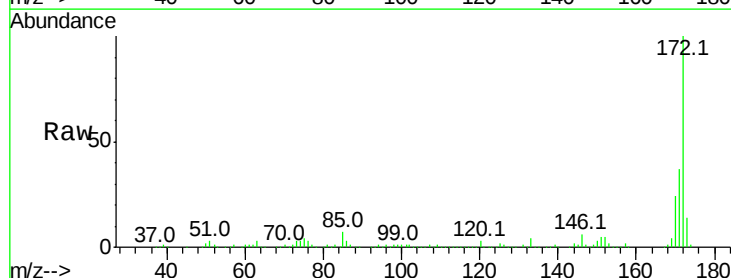


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

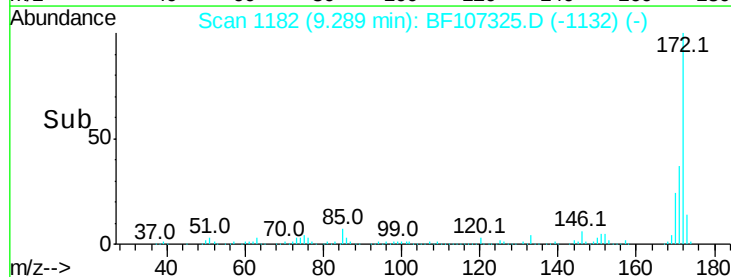
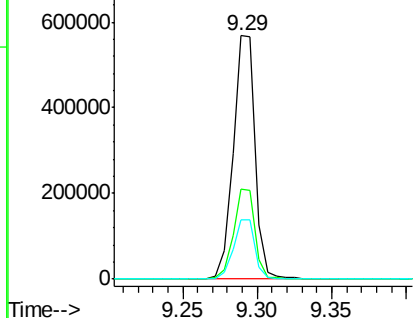


#44
 2-Fluorobiphenyl
 Concen: 99.864 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107325.D
 Acq: 12 Jul 2018 3:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.4	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: 9.716 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107325.D

Acq: 12 Jul 2018 3:07

Instrument :

BNA_F

ClientSampleId :

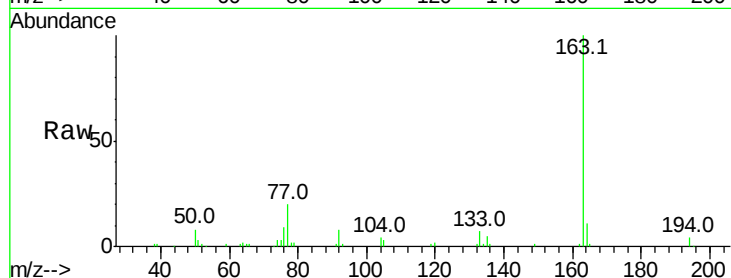
Tot Ion:163 Resp: 74556

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

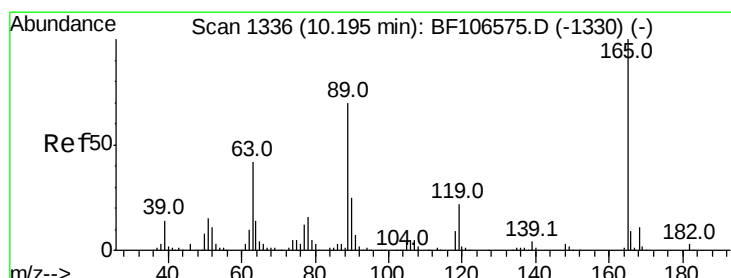
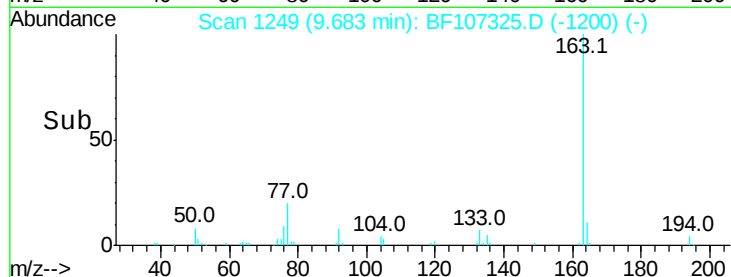
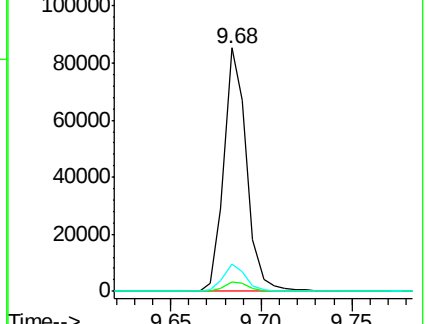
164 11.0 8.2 12.2



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: 5.930 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.21 min

Lab File: BF107325.D

Acq: 12 Jul 2018 3:07

Tgt Ion:165 Resp: 12577

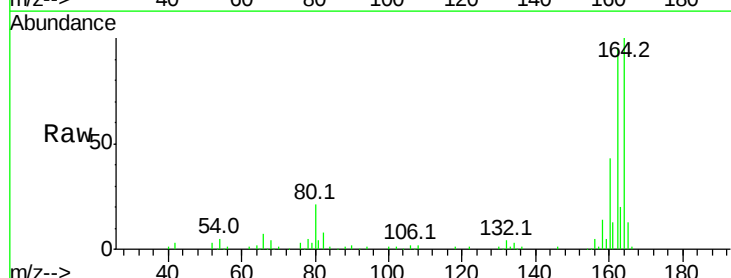
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

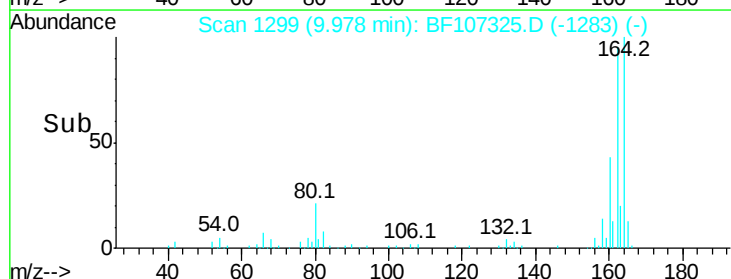
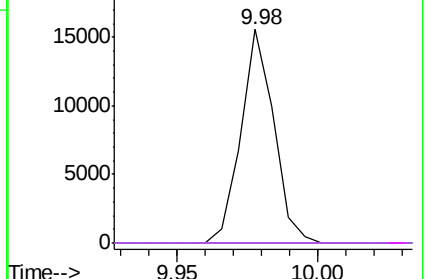


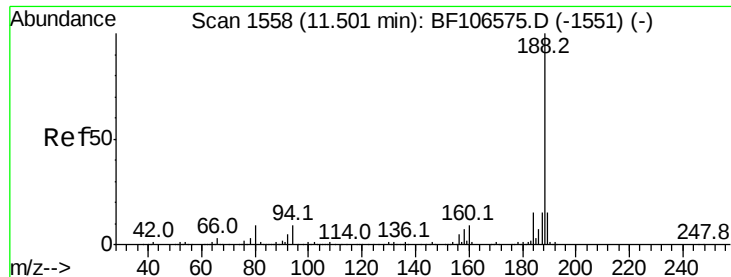
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.48 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BF107325.D

Acq: 12 Jul 2018 3:07

Instrument :

BNA_F

ClientSampled :

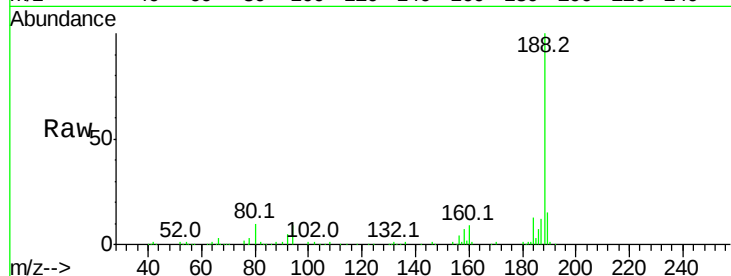
Tot Ion:188 Resp: 183086

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

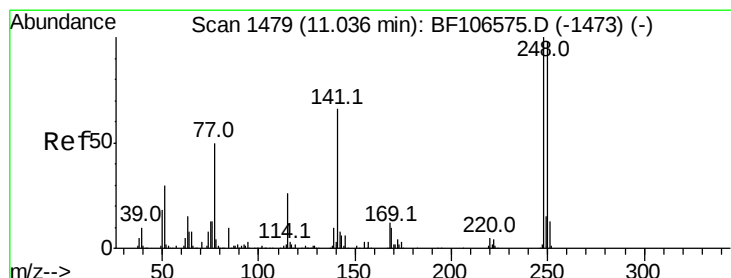
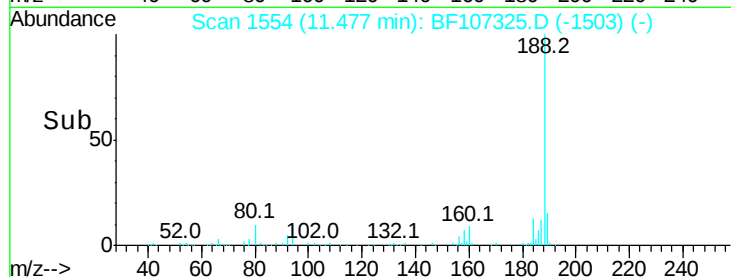
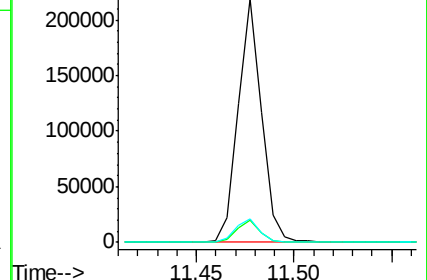
80 9.7 9.2 13.8



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: 2.924 ng

RT: 10.78 min Scan# 1435

Delta R.T. -0.24 min

Lab File: BF107325.D

Acq: 12 Jul 2018 3:07

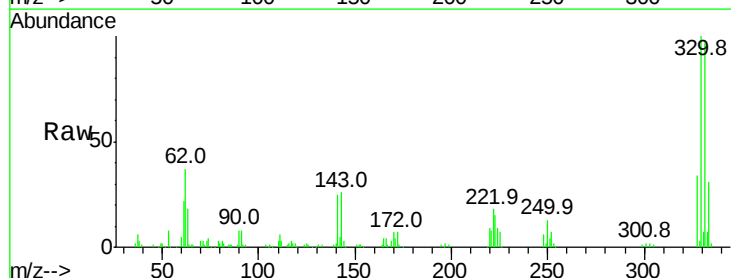
Tgt Ion:248 Resp: 6388

Ion Ratio Lower Upper

248 100

250 210.4 76.9 115.3#

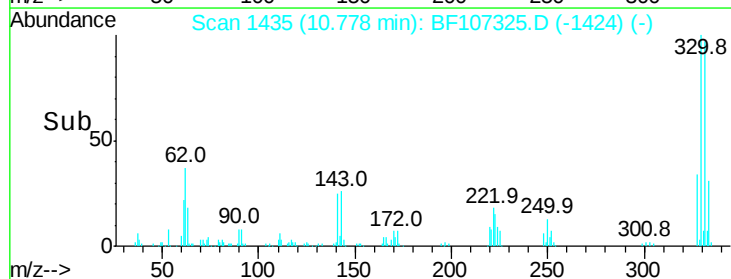
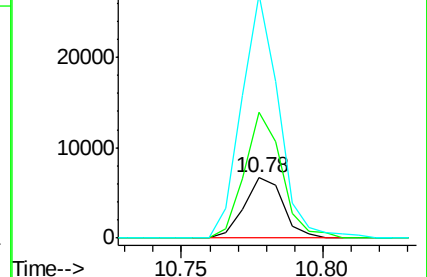
141 405.7 74.4 111.6#

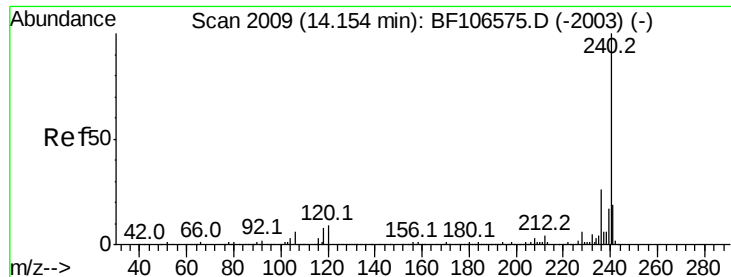


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107325.D

Acq: 12 Jul 2018 3:07

Instrument :

BNA_F

ClientSampleId :

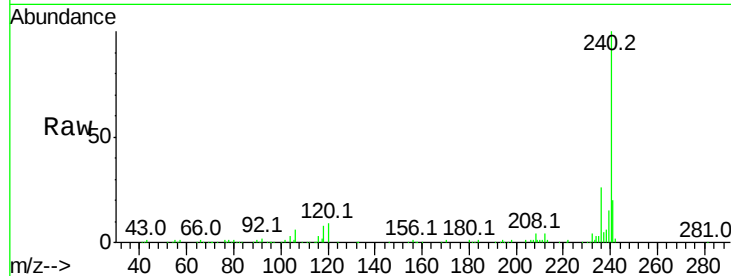
Tot Ion:240 Resp: 142877

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

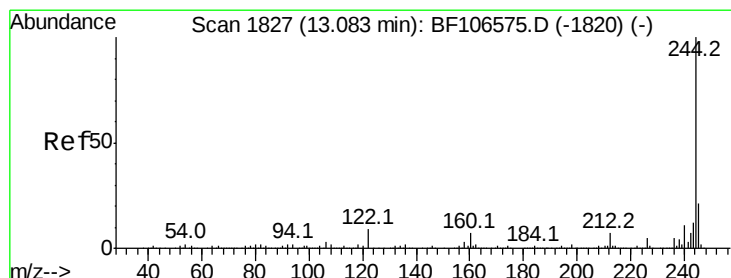
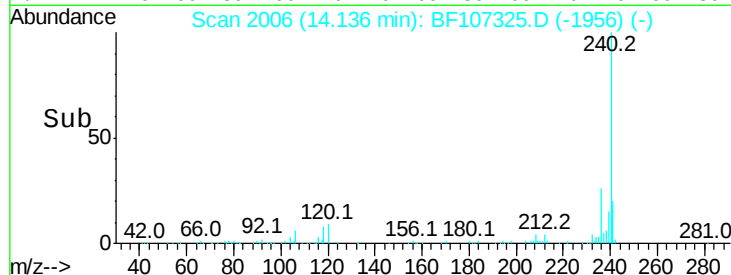
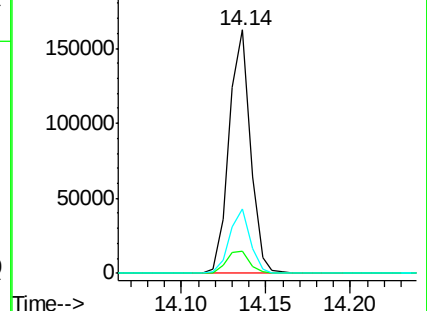
236 26.4 20.7 31.1



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: 106.710 ng

RT: 13.07 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF107325.D

Acq: 12 Jul 2018 3:07

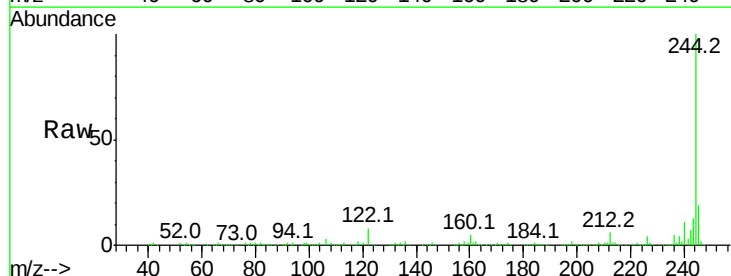
Tgt Ion:244 Resp: 629420

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

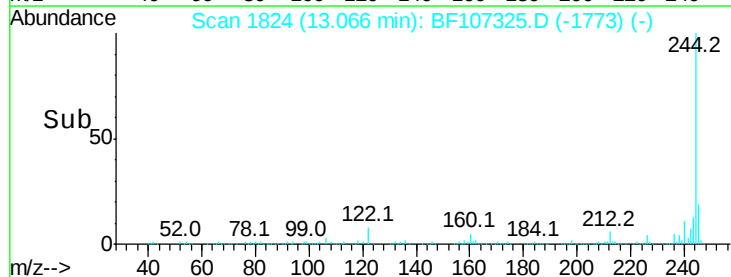
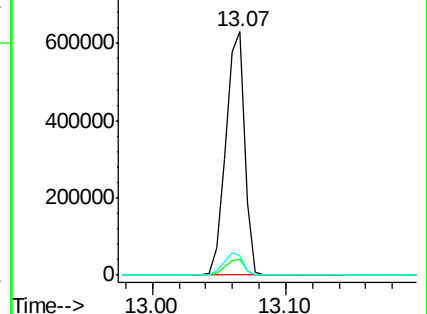
122 8.1 11.0 16.4#

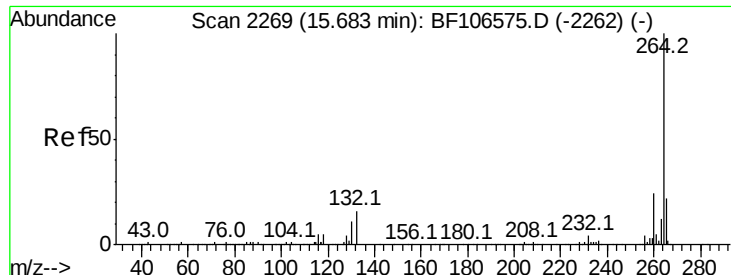


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

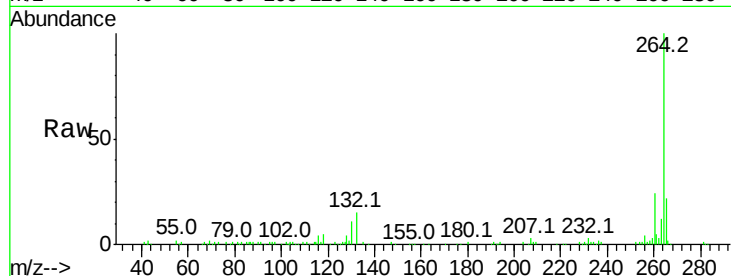




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF107325.D
 Acq: 12 Jul 2018 3:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	128495
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	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

