

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103474.D
 Acq On : 6 Mar 2018 23:41
 Operator : SJ/JU
 Sample : J1799-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 02:06:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

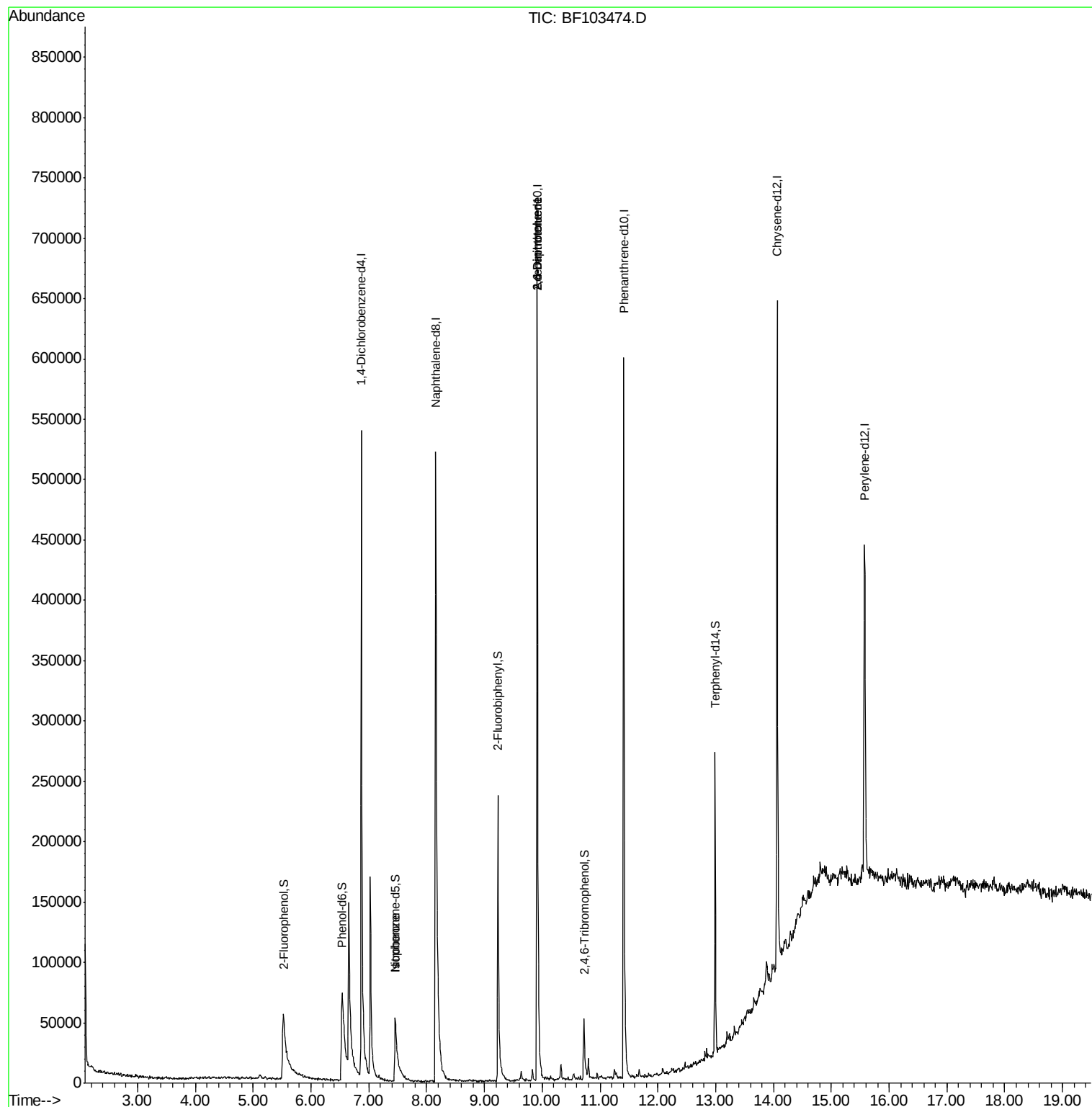
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115358	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	480561	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	194612	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	298329	20.00	ng	0.00
75) Chrysene-d12	14.06	240	209082	20.00	ng	0.00
86) Perylene-d12	15.57	264	152972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	73018	9.57	ng	0.03
7) Phenol-d6	6.54	99	105514	11.31	ng	0.02
23) Nitrobenzene-d5	7.46	82	66624	7.92	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	8786	5.33	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	129517	7.23	ng	0.00
78) Terphenyl-d14	12.99	244	92954	10.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	1787	Below Cal	Qvalue	# 78
25) Isophorone	7.46	82	66624	4.020 ng	#	64
50) 2,6-Dinitrotoluene	9.91	165	24580	7.502 ng	#	25
56) 2,4-Dinitrotoluene	9.91	165	24794	5.984 ng	#	23

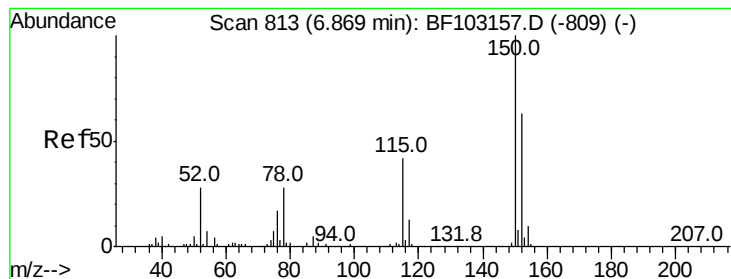
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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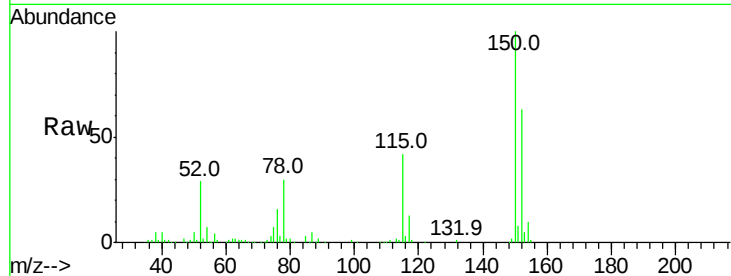


#1

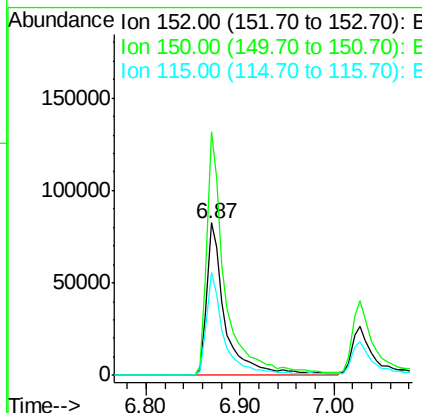
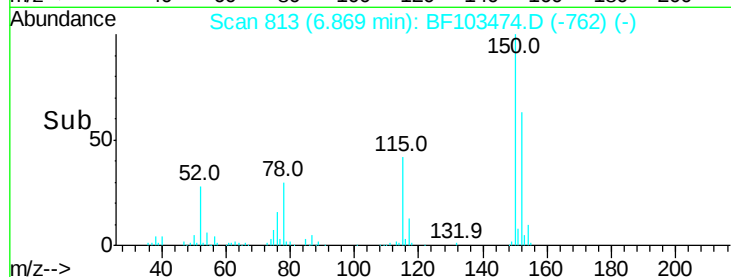
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103474.D
Acq: 6 Mar 2018 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115358
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 67.1 50.1 75.1



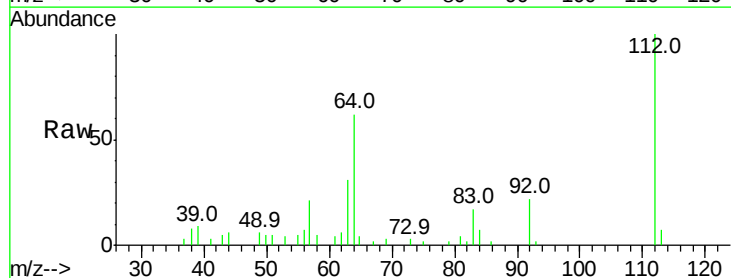
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



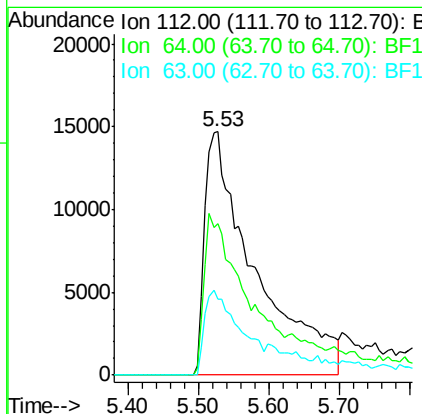
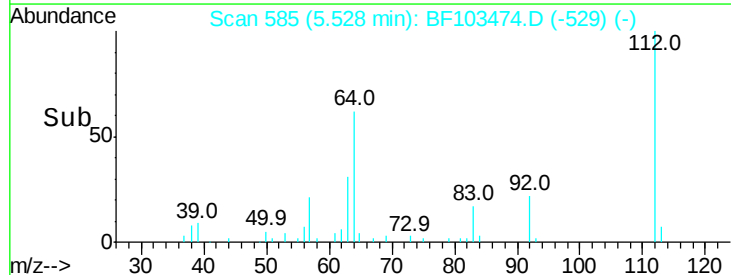
#5

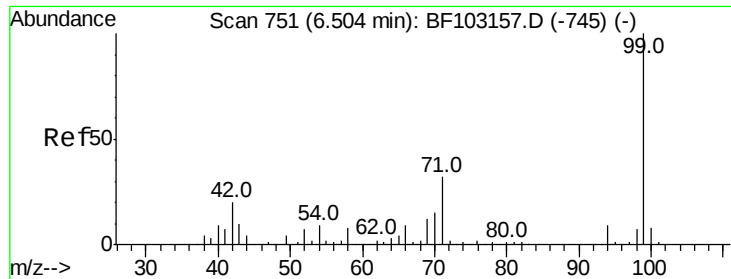
2-Fluorophenol
Concen: 9.573 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.03 min
Lab File: BF103474.D
Acq: 6 Mar 2018 23:41

Tgt Ion:112 Resp: 73018
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 31.2 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: 11.305 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF103474.D

Acq: 6 Mar 2018 23:41

Instrument :

BNA_F

ClientSampleId :

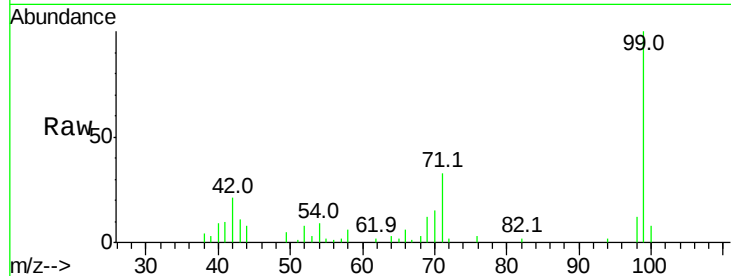
Tot Ion: 99 Resp: 105514

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

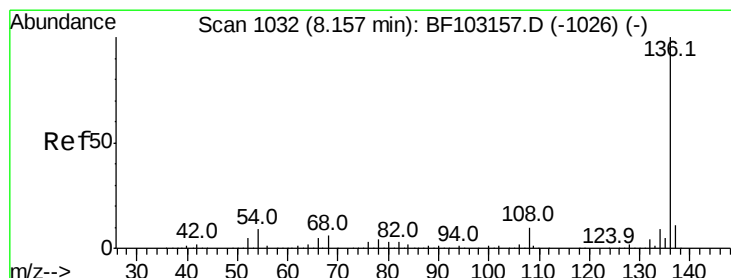
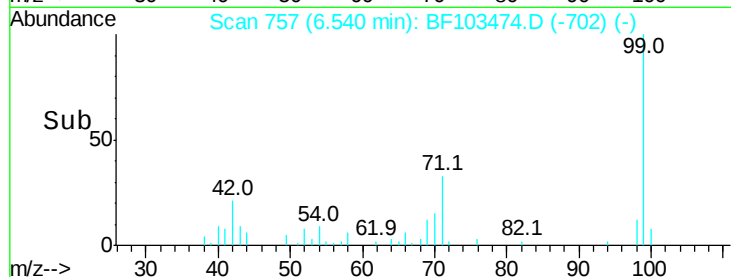
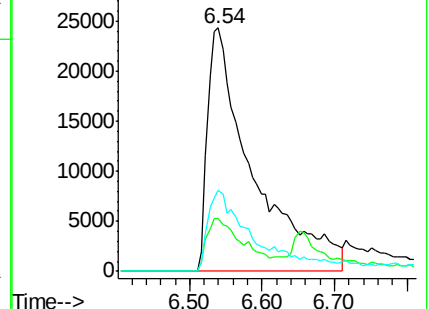
71 33.4 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103474.D

Acq: 6 Mar 2018 23:41

Tgt Ion: 136 Resp: 480561

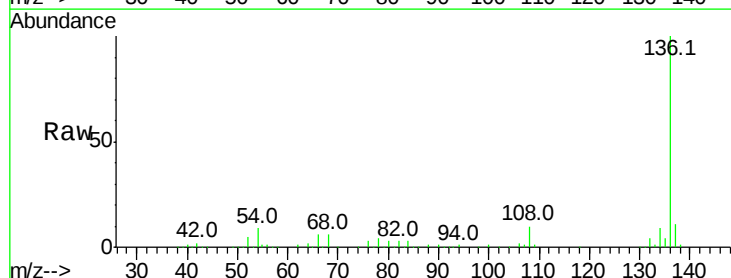
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.7 6.6 9.8

68 6.5 5.0 7.4

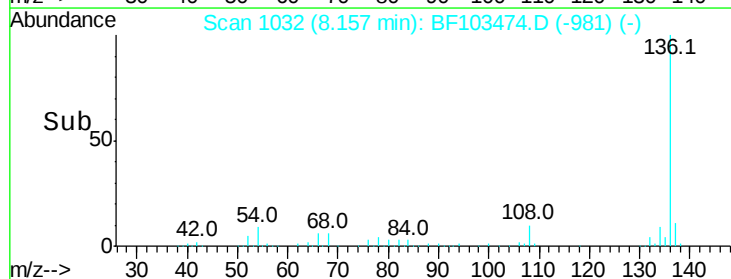
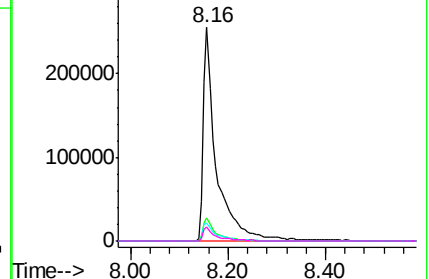


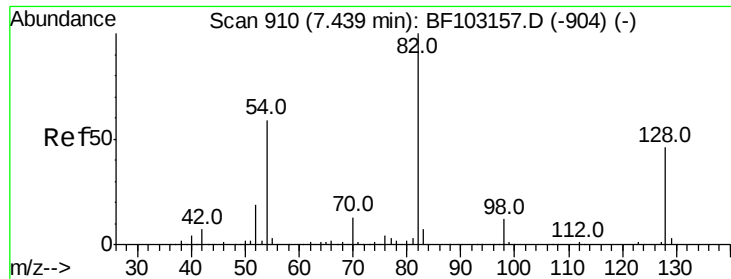
Abundance Ion 136.00 (135.70 to 136.70): E

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

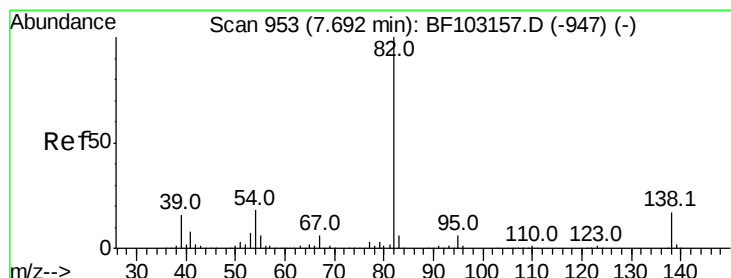
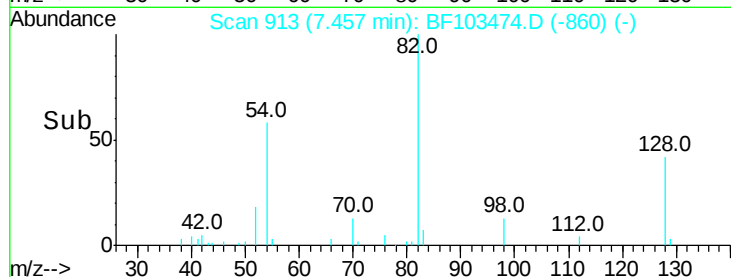
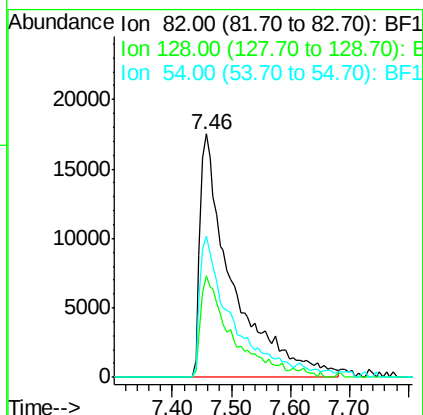
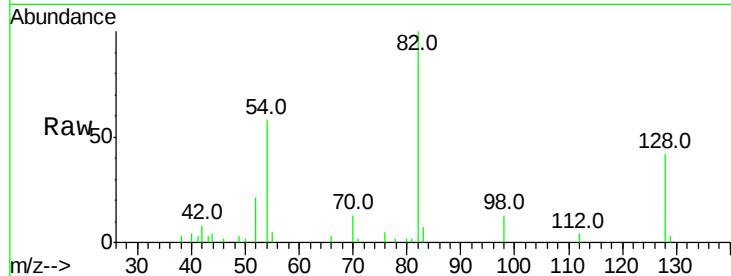




#23
Nitrobenzene-d5
Concen: 7.917 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.01 min
Lab File: BF103474.D
Acq: 6 Mar 2018 23:41

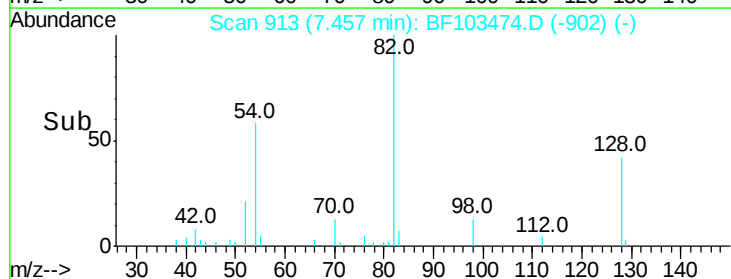
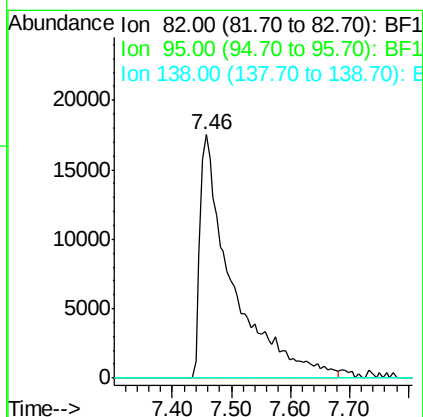
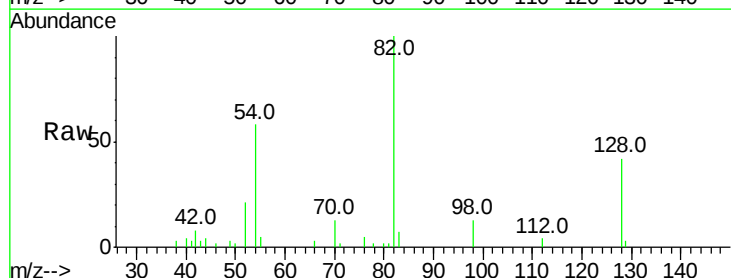
Instrument :
BNA_F
ClientSampled :

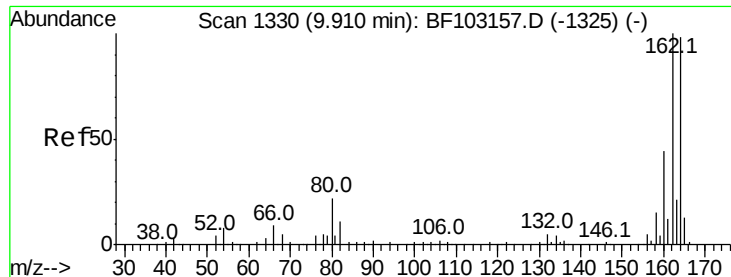
Tot Ion: 82 Resp: 66624
Ion Ratio Lower Upper
82 100
128 41.6 36.1 54.1
54 58.0 41.4 62.2



#25
Isophorone
Concen: 4.020 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.24 min
Lab File: BF103474.D
Acq: 6 Mar 2018 23:41

Tgt Ion: 82 Resp: 66624
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

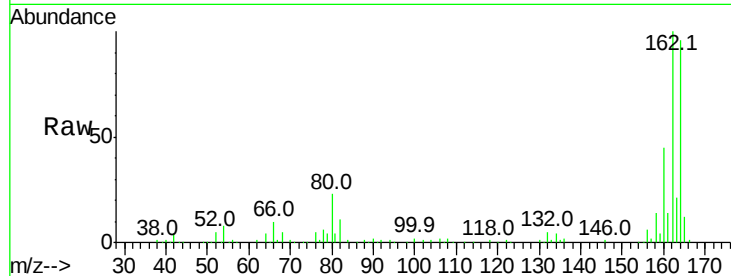




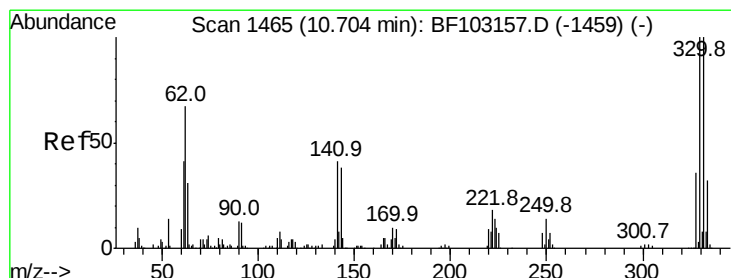
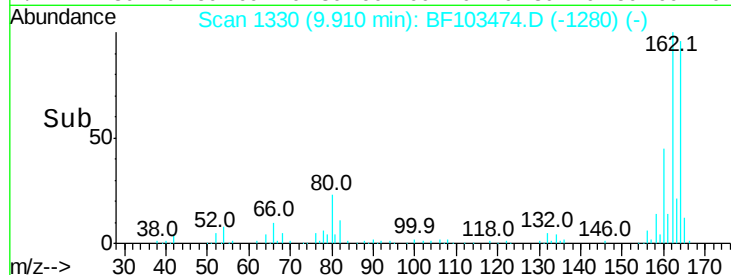
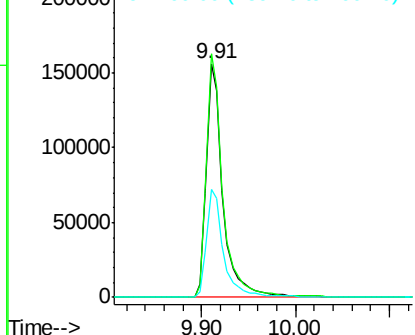
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103474.D
Acq: 6 Mar 2018 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 194612
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 46.3 38.3 57.5

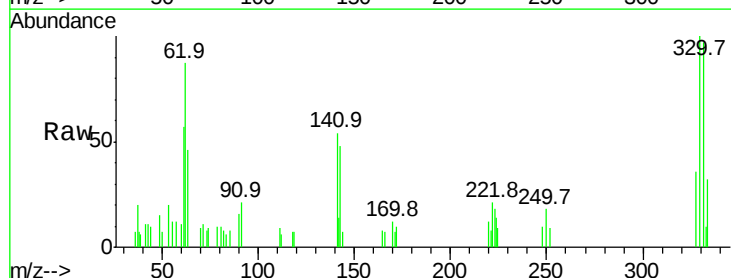


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

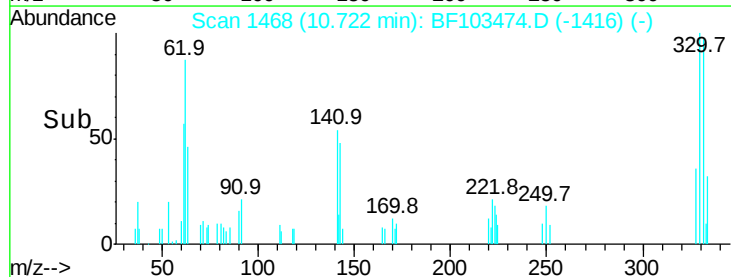
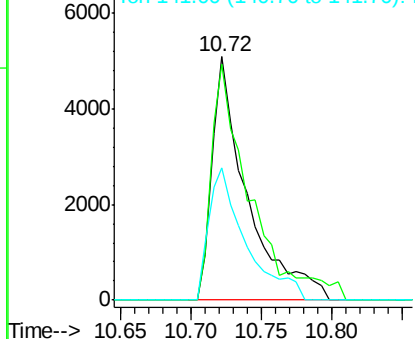


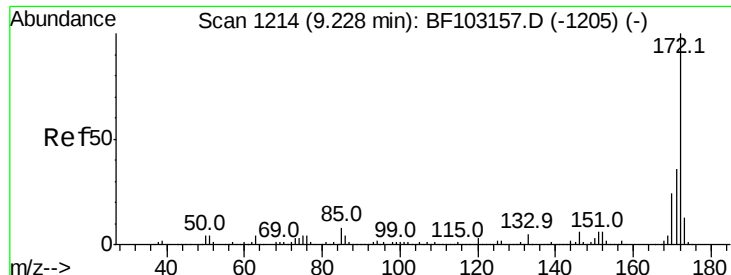
#41
2,4,6-Tribromophenol
Concen: 5.334 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF103474.D
Acq: 6 Mar 2018 23:41

Tgt Ion:330 Resp: 8786
Ion Ratio Lower Upper
330 100
332 107.0 77.0 115.6
141 57.0 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

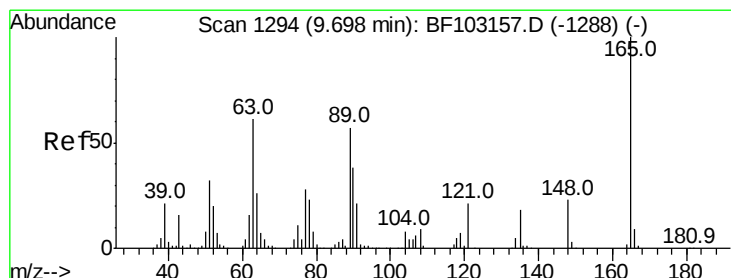
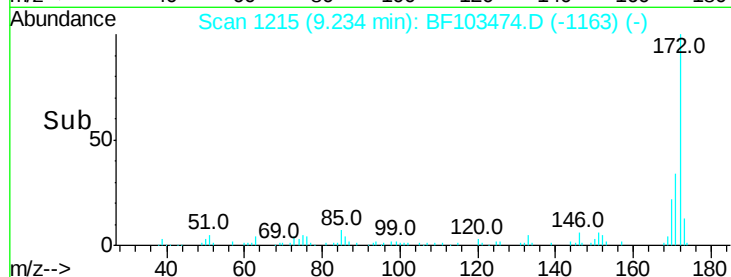
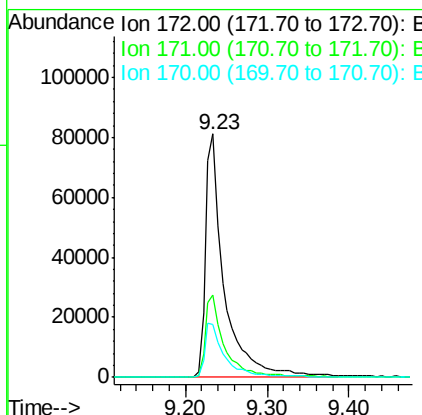
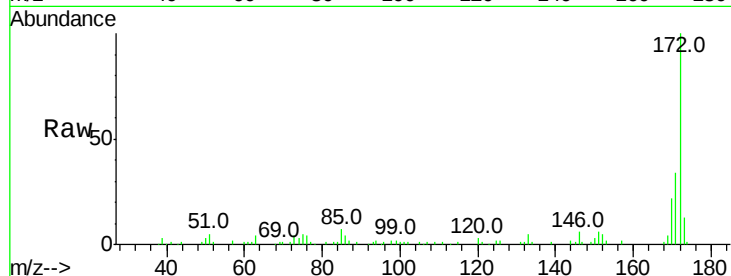




#44
 2-Fluorobiphenyl
 Concen: 7.229 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103474.D
 Acq: 6 Mar 2018 23:41

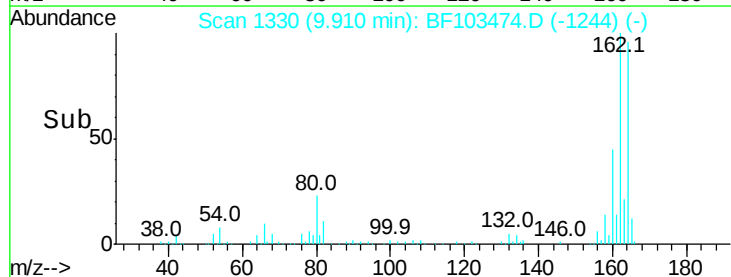
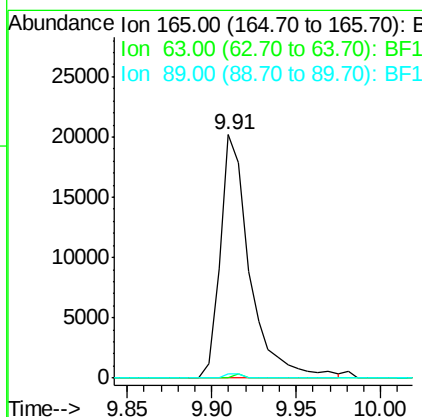
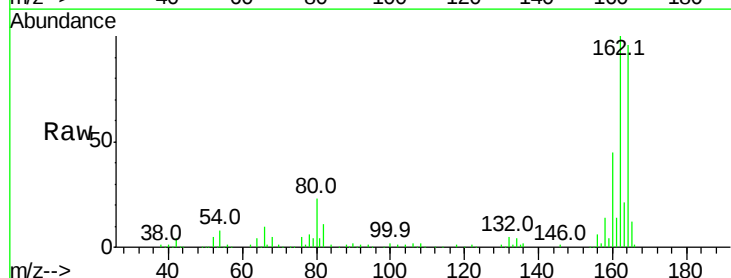
Instrument :
 BNA_F
 ClientSampled :

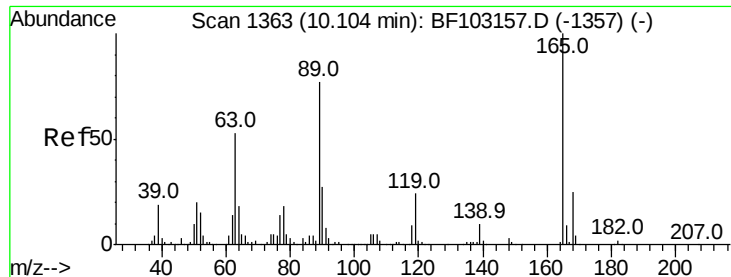
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.7	44.5
170	22.0	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.502 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103474.D
 Acq: 6 Mar 2018 23:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#





#56

2,4-Dinitrotoluene

Concen: 5.984 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.21 min

Lab File: BF103474.D

Acq: 6 Mar 2018 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 24794

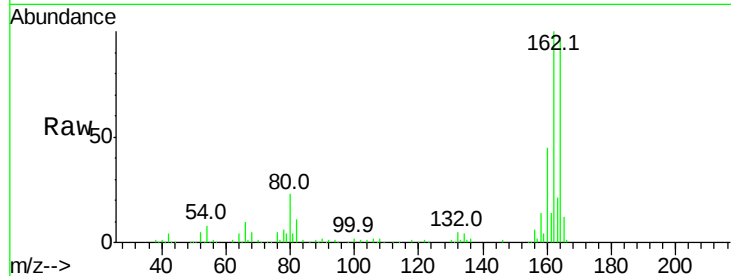
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

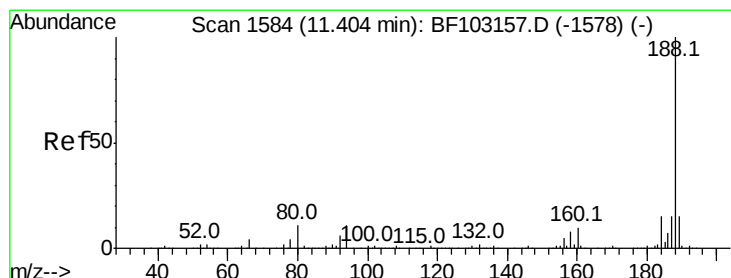
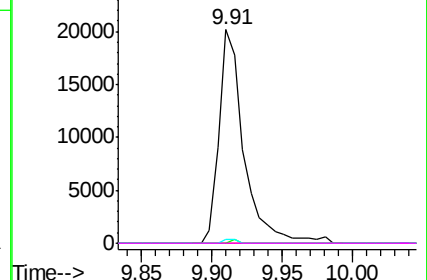
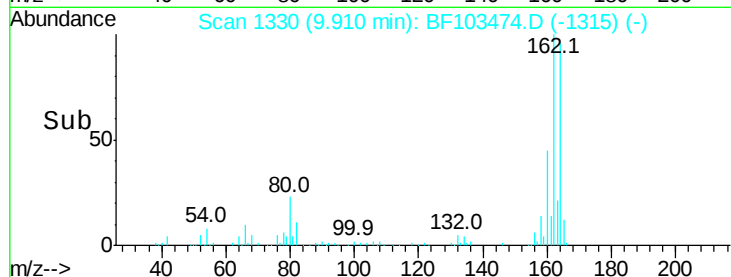


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103474.D

Acq: 6 Mar 2018 23:41

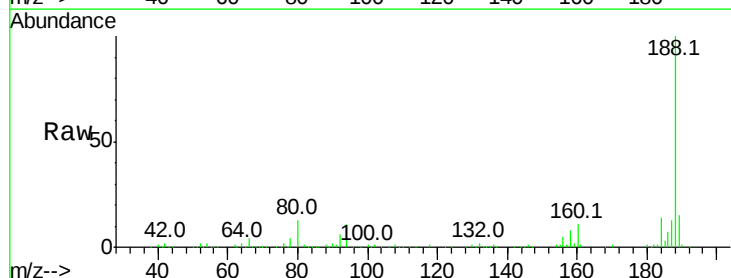
Tgt Ion:188 Resp: 298329

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

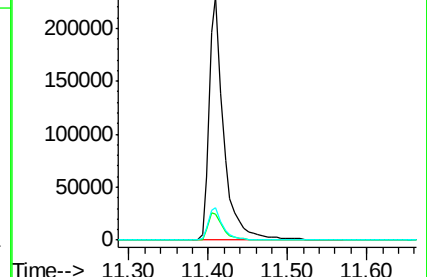
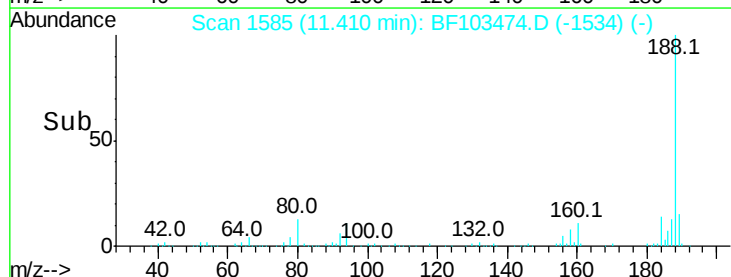
80 13.1 9.2 13.8

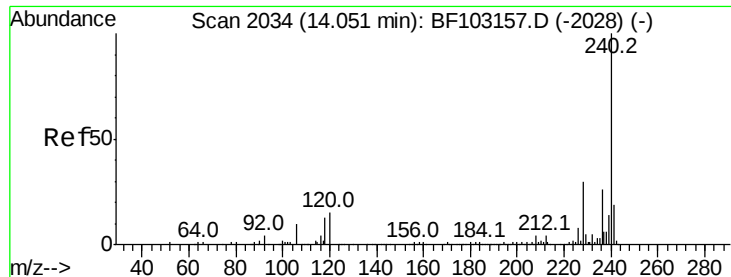


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103474.D

Acq: 6 Mar 2018 23:41

Instrument :

BNA_F

ClientSampleId :

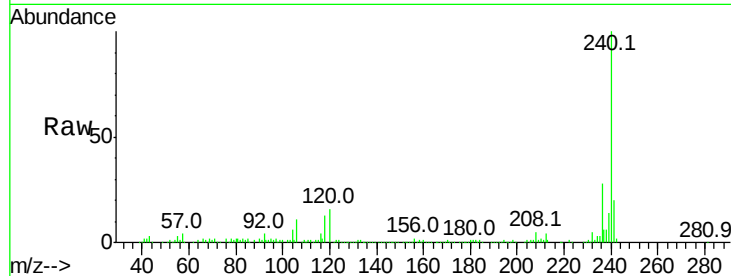
Tot Ion:240 Resp: 209082

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

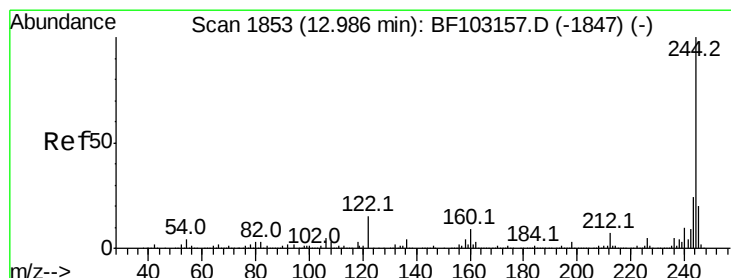
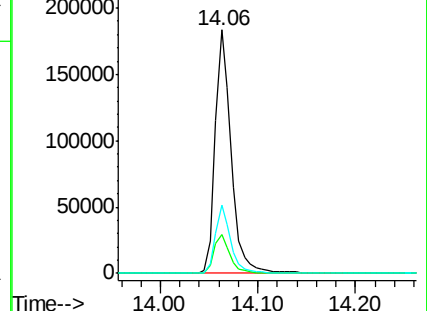
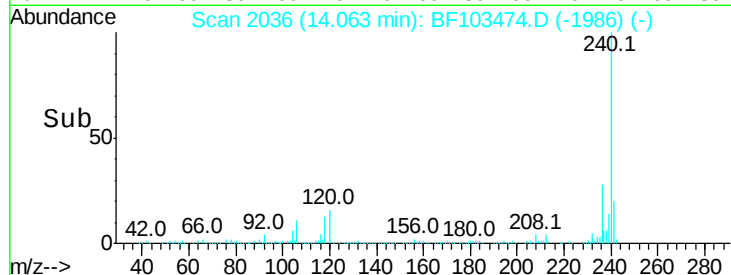
236 27.9 20.7 31.1



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: 10.687 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103474.D

Acq: 6 Mar 2018 23:41

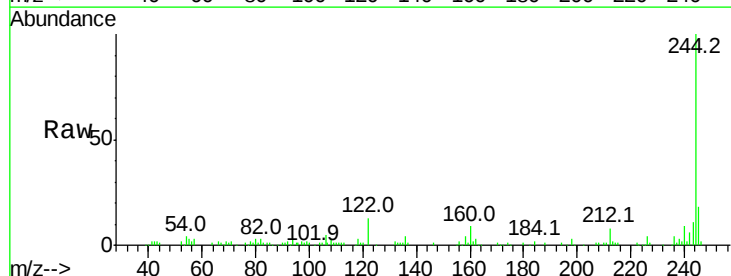
Tgt Ion:244 Resp: 92954

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

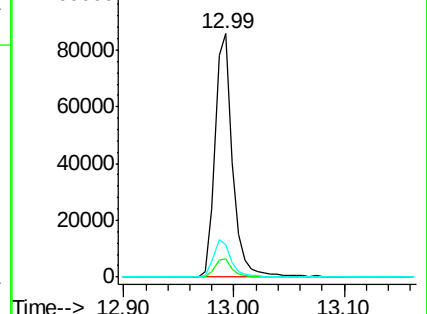
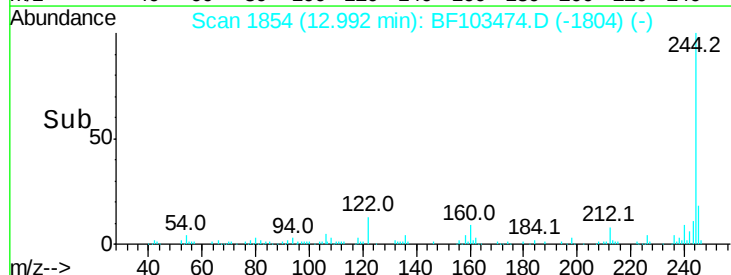
122 13.2 11.0 16.4

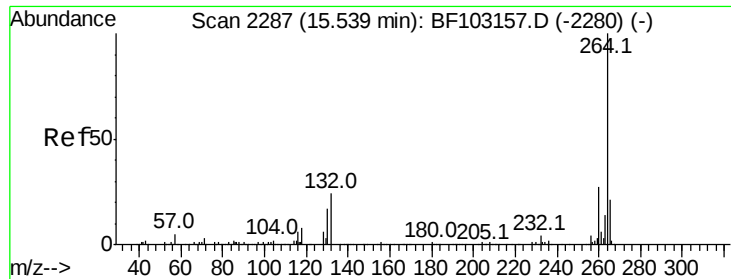


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

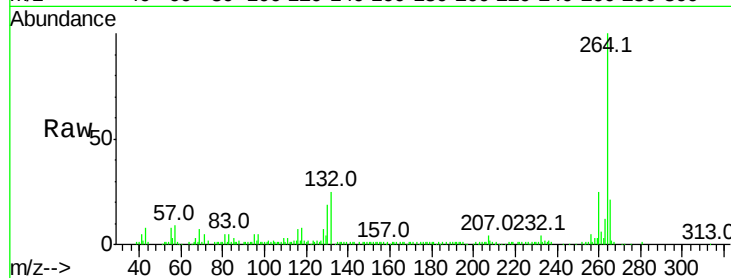




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BF103474.D
 Acq: 6 Mar 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 152972
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 20.9 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

