

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113111.D
 Acq On : 19 Mar 2019 1:24
 Operator : JU/SJ
 Sample : K1947-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B127-031319

Quant Time: Mar 19 07:00:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

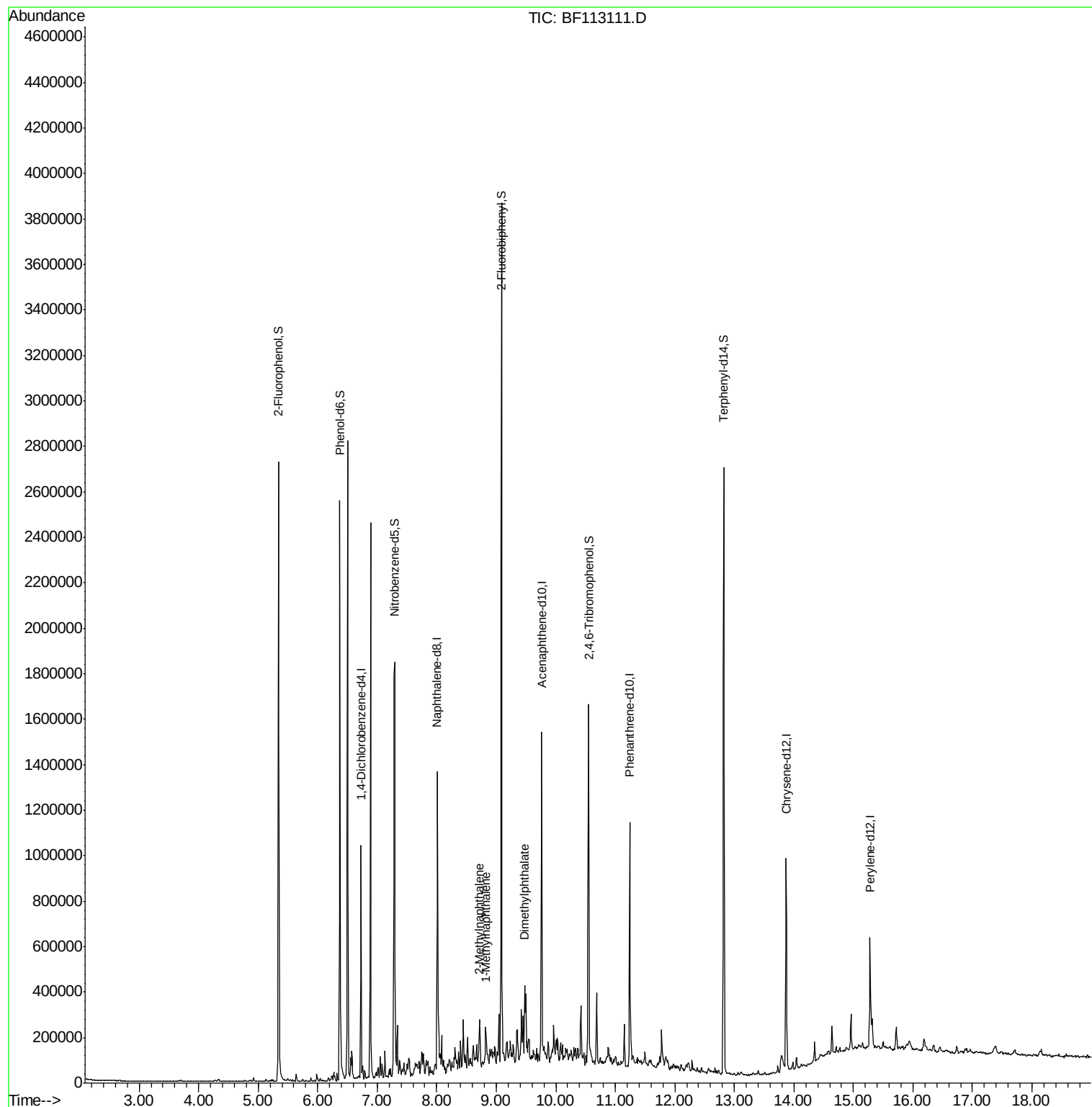
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	145435	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	579394	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	280797	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	449592	20.00	ng	0.00
76) Chrysene-d12	13.87	240	337356	20.00	ng	0.00
87) Perylene-d12	15.28	264	246619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	774657	82.86	ng	0.00
7) Phenol-d6	6.37	99	957995	81.57	ng	0.00
23) Nitrobenzene-d5	7.29	82	661155	68.28	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	240714	80.75	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1211822	67.79	ng	0.00
79) Terphenyl-d14	12.82	244	913805	52.51	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.72	142	68649	3.695	ng	98
38) 1-Methylnaphthalene	8.82	142	41927	2.330	ng	97
50) Dimethylphthalate	9.48	163	110208	5.323	ng	# 98

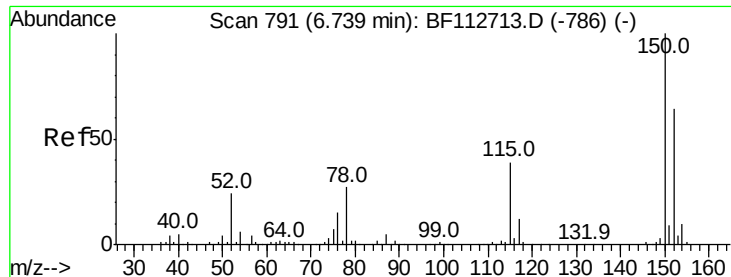
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113111.D
Acq On : 19 Mar 2019 1:24
Operator : JU/SJ
Sample : K1947-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-025-B127-031319

Quant Time: Mar 19 07:00:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



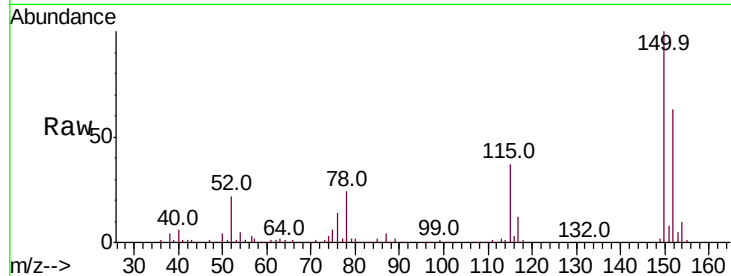


#1

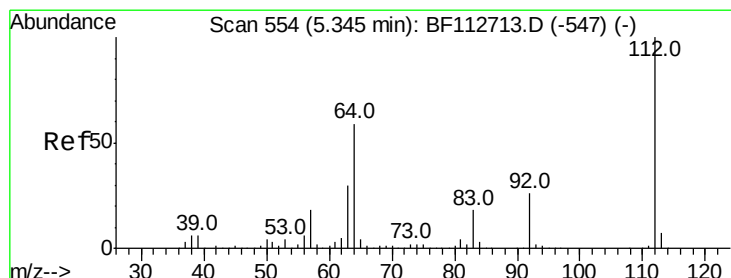
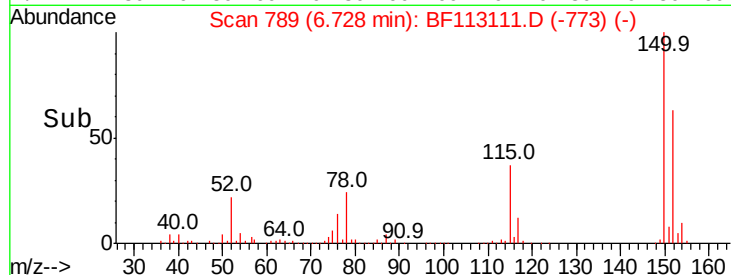
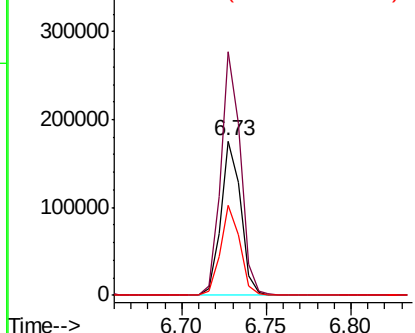
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113111.D
 Acq: 19 Mar 2019 1:24

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B127-031319

Tot Ion:152 Resp: 145435
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.2 186.2
 115 58.1 48.2 72.4



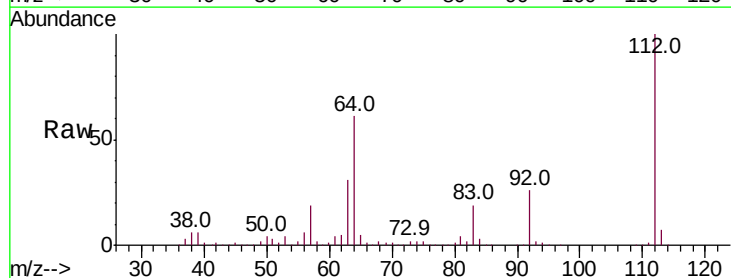
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



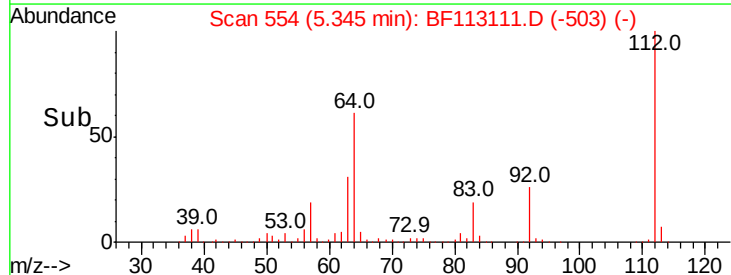
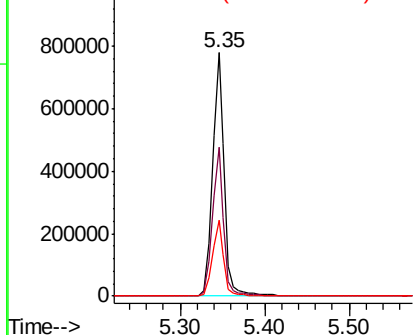
#5

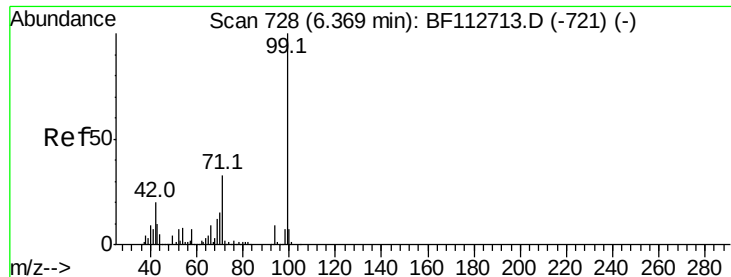
2-Fluorophenol
 Concen: 82.856 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF113111.D
 Acq: 19 Mar 2019 1:24

Tgt Ion:112 Resp: 774657
 Ion Ratio Lower Upper
 112 100
 64 61.1 47.6 71.4
 63 31.2 24.4 36.6



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: 81.570 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PST-025-B127-031319

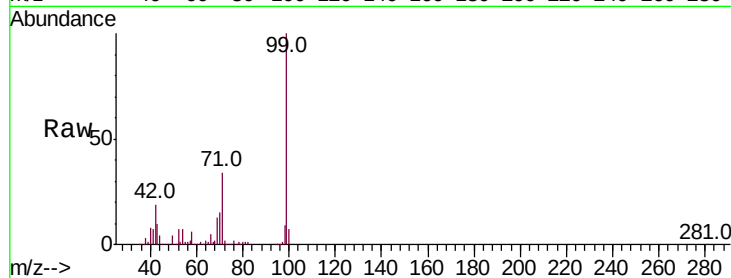
Tot Ion: 99 Resp: 957995

Ion Ratio Lower Upper

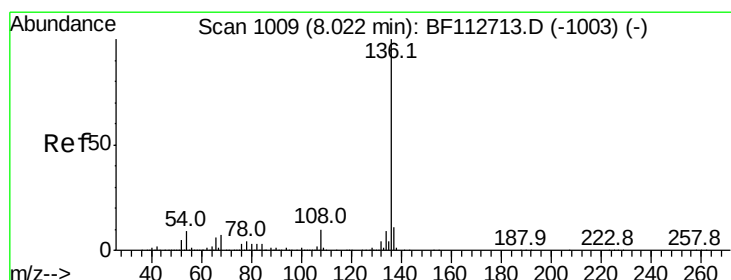
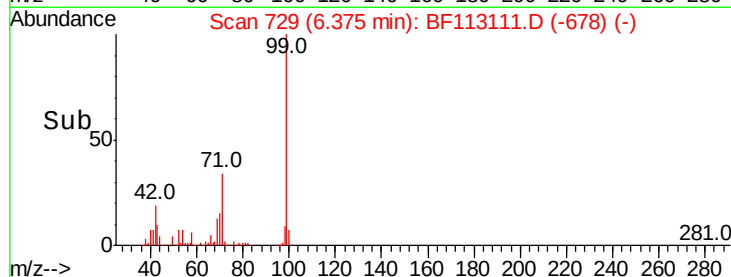
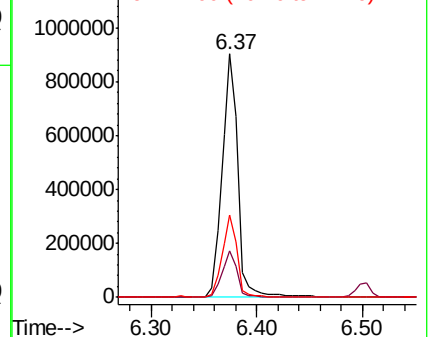
99 100

42 19.3 16.3 24.5

71 33.7 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Tgt Ion: 136 Resp: 579394

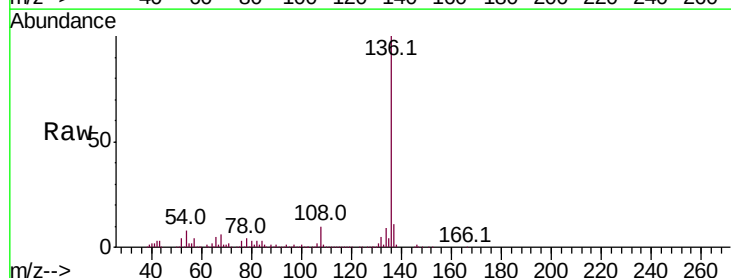
Ion Ratio Lower Upper

136 100

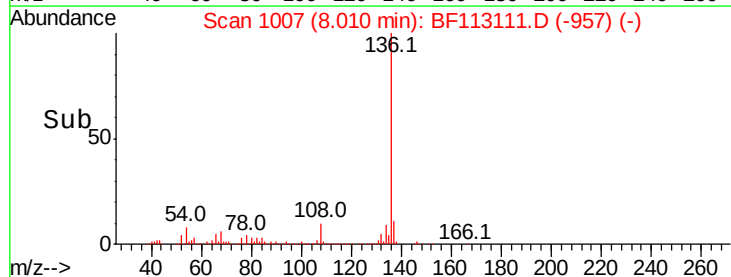
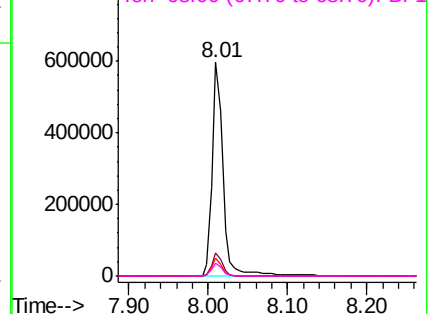
137 11.0 8.9 13.3

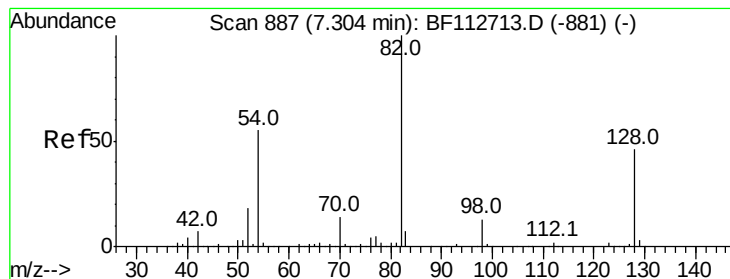
54 8.4 7.3 10.9

68 5.9 5.4 8.2



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: 68.282 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PST-025-B127-031319

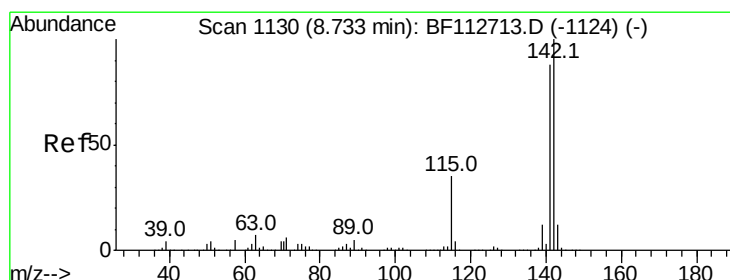
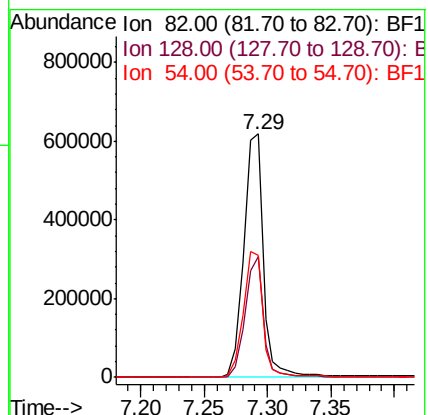
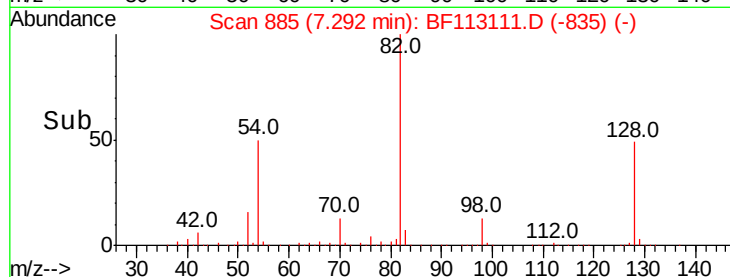
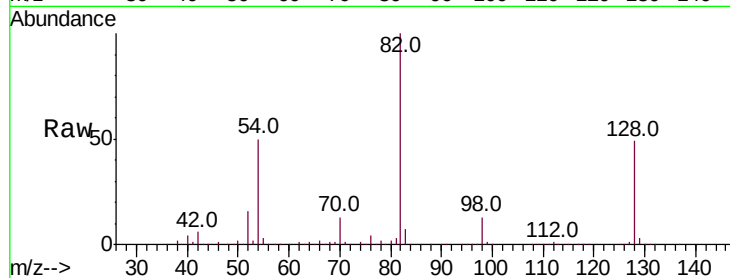
Tot Ion: 82 Resp: 661155

Ion Ratio Lower Upper

82 100

128 49.4 36.3 54.5

54 50.0 43.7 65.5



#37

2-Methylnaphthalene

Concen: 3.695 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

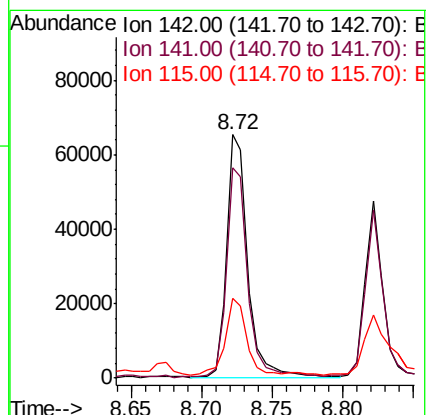
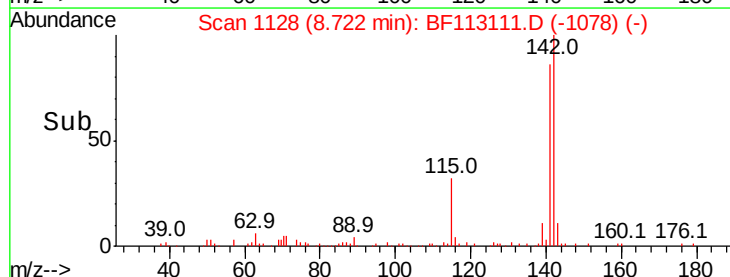
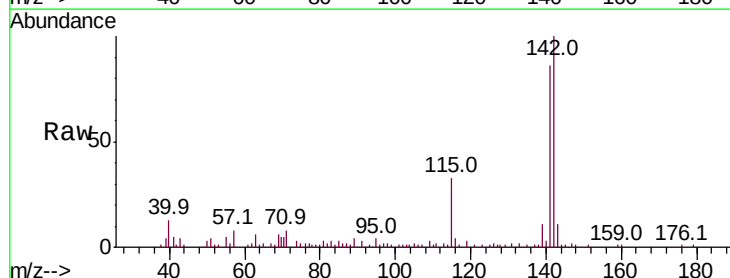
Tgt Ion: 142 Resp: 68649

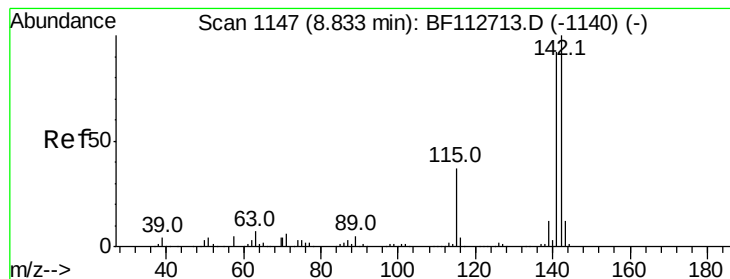
Ion Ratio Lower Upper

142 100

141 86.5 70.3 105.5

115 32.9 27.8 41.6





#38

1-Methylnaphthalene

Concen: 2.330 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PST-025-B127-031319

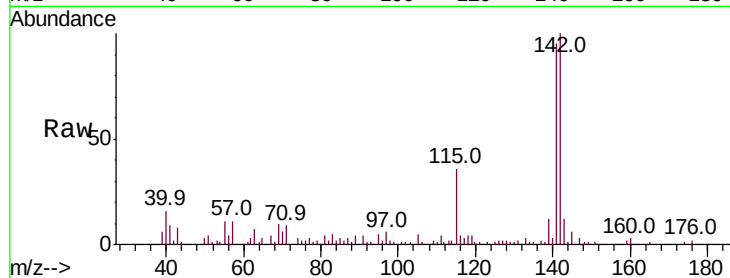
Tot Ion:142 Resp: 41927

Ion Ratio Lower Upper

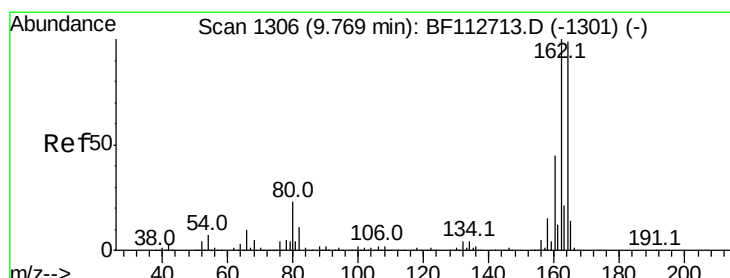
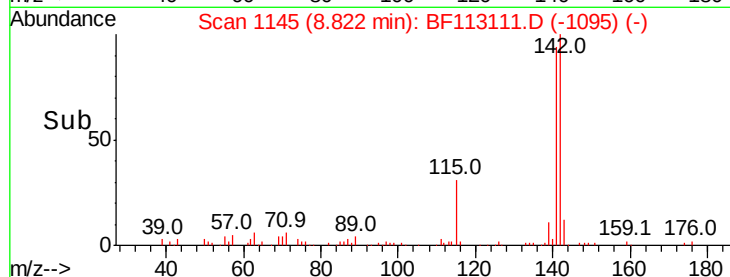
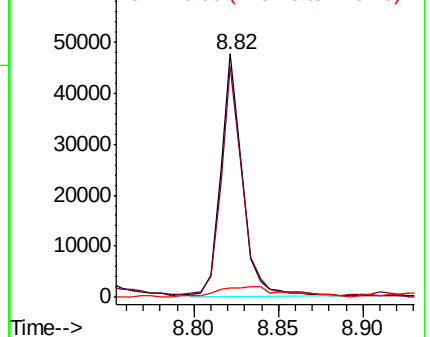
142 100

141 94.7 73.7 110.5

116 4.1 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

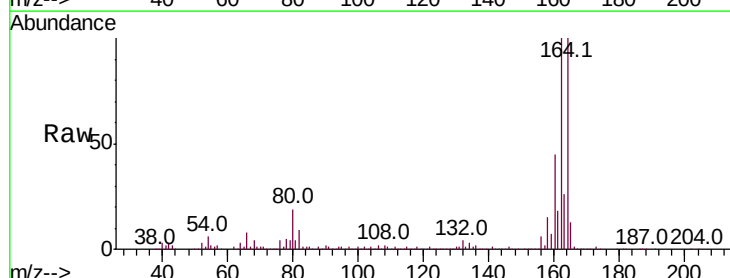
Tgt Ion:164 Resp: 280797

Ion Ratio Lower Upper

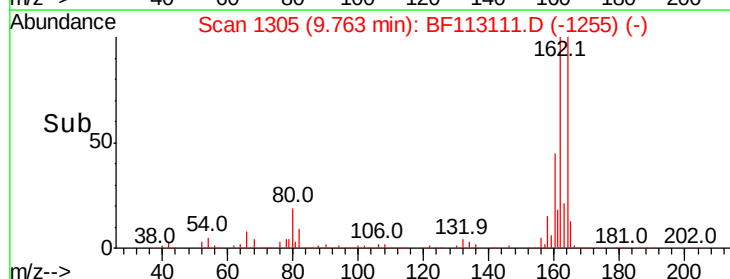
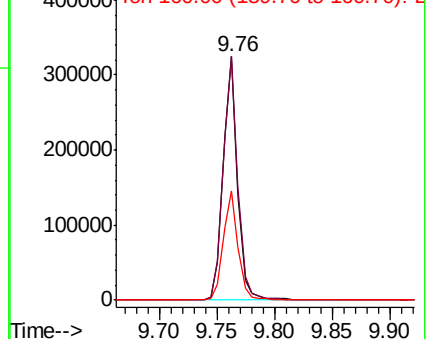
164 100

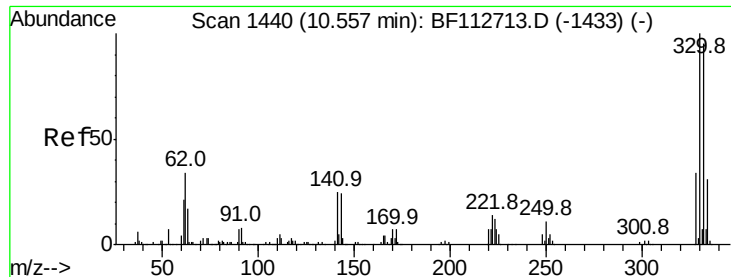
162 99.8 80.6 120.8

160 45.0 36.0 54.0



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

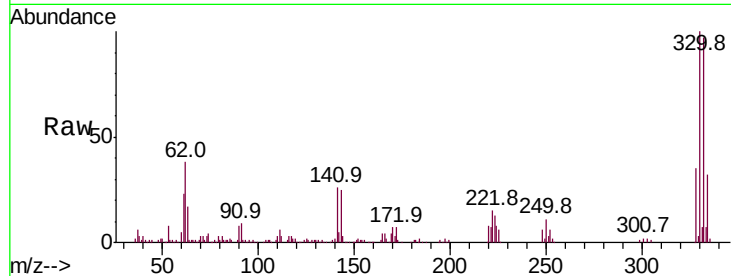




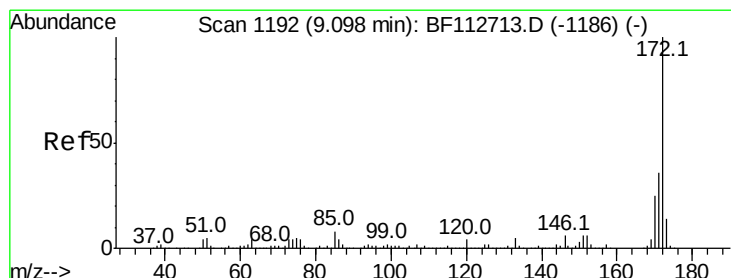
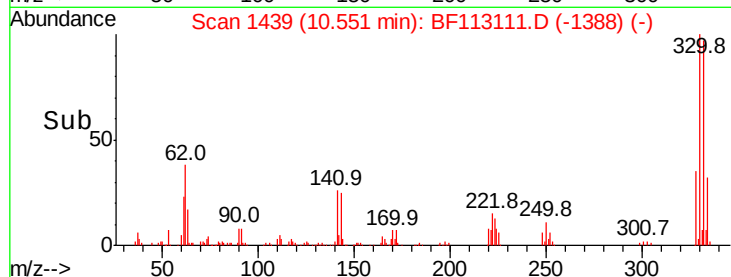
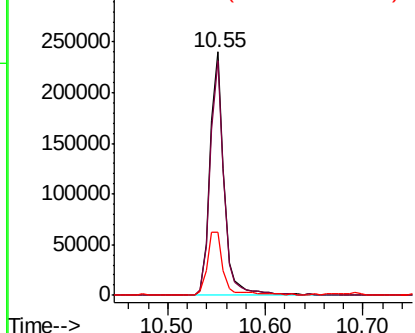
#42
 2,4,6-Tribromophenol
 Concen: 80.749 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113111.D
 Acq: 19 Mar 2019 1:24

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B127-031319

Tot Ion:330 Resp: 240714
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 28.1 27.0 40.6

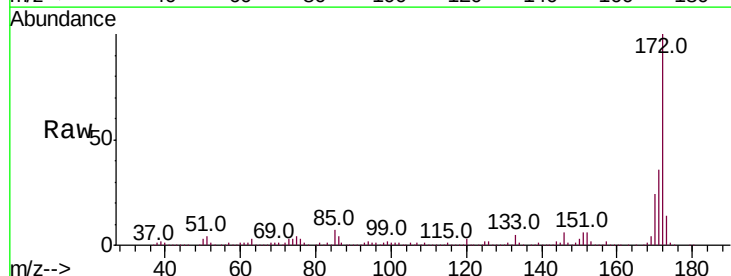


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

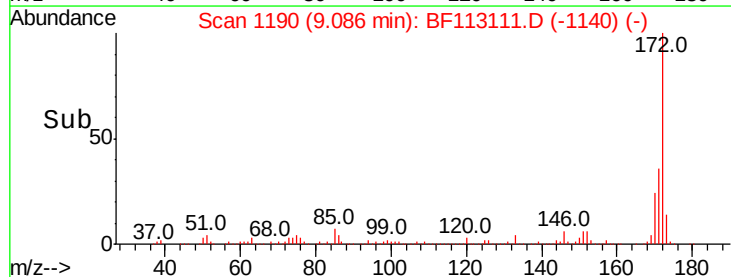
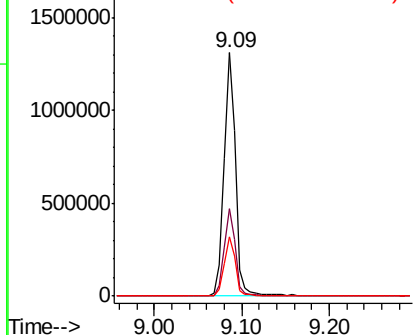


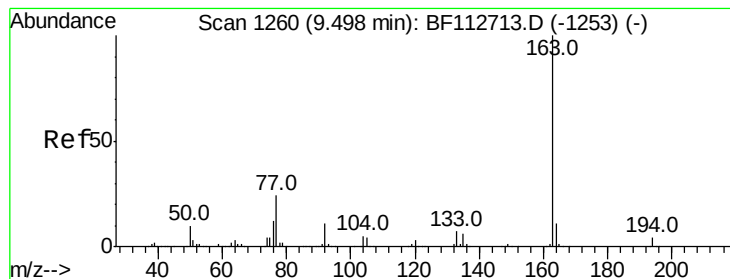
#45
 2-Fluorobiphenyl
 Concen: 67.786 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113111.D
 Acq: 19 Mar 2019 1:24

Tgt Ion:172 Resp: 1211822
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.4
 170 24.3 20.0 30.0



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





#50

Dimethylphthalate

Concen: 5.323 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PST-025-B127-031319

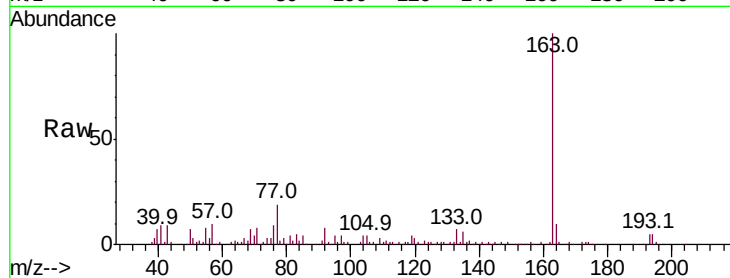
Tot Ion:163 Resp: 110208

Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.4#

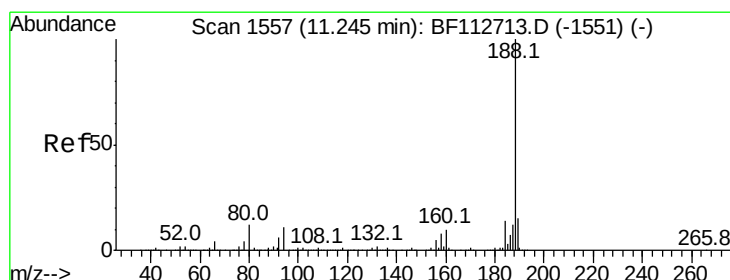
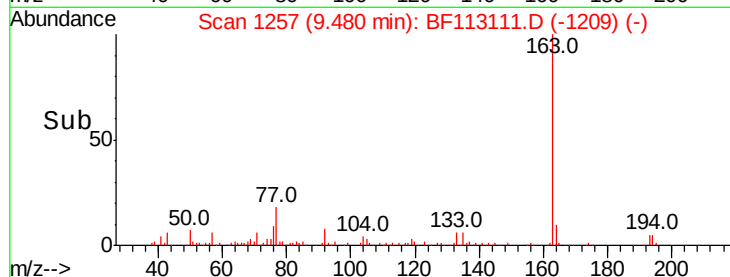
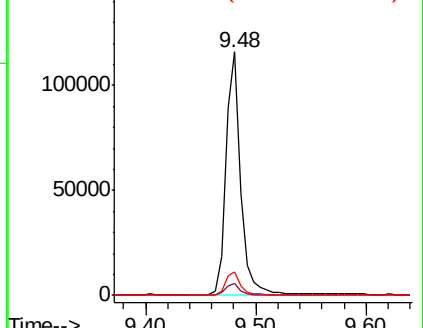
164 9.8 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

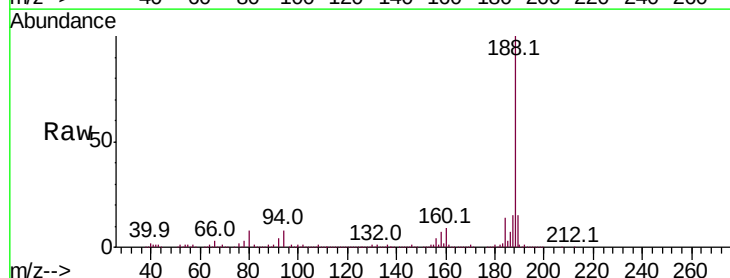
Tgt Ion:188 Resp: 449592

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.4#

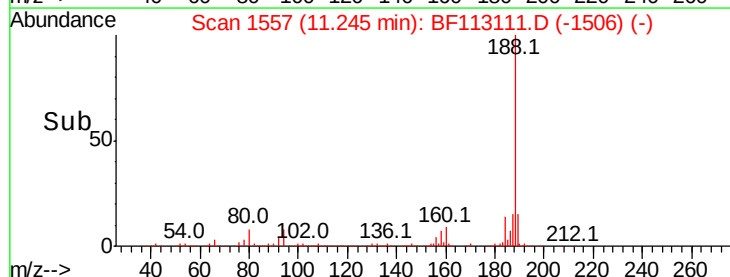
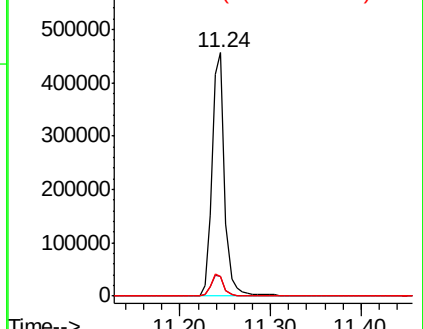
80 8.1 9.2 13.8#

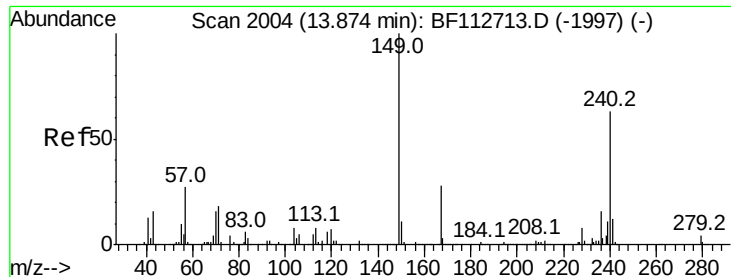


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PST-025-B127-031319

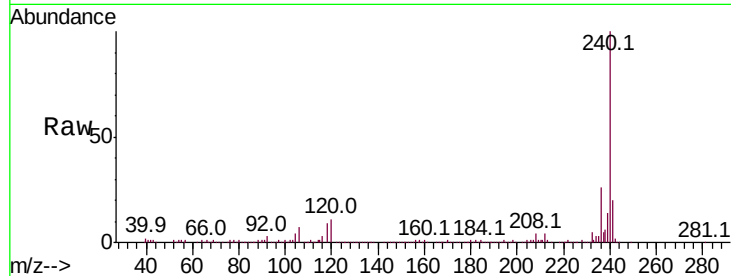
Tot Ion:240 Resp: 337356

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

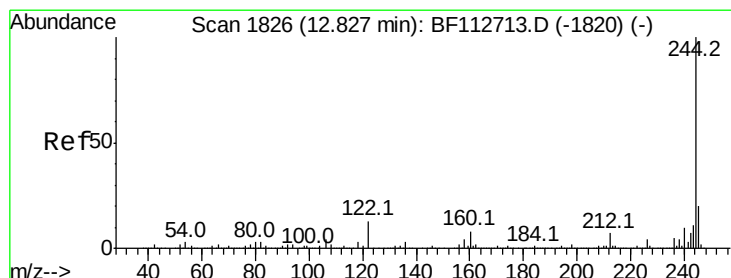
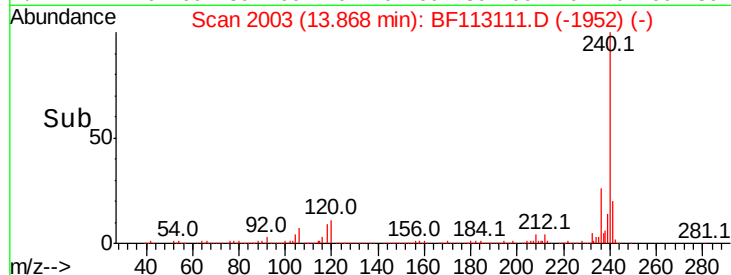
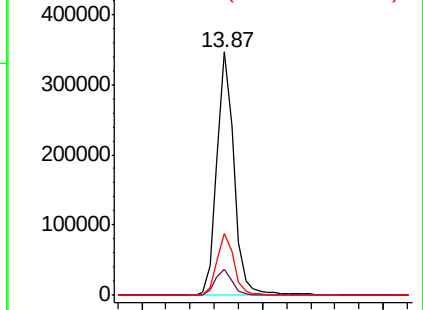
236 25.5 20.7 31.1



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



#79

Terphenyl-d14

Concen: 52.509 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

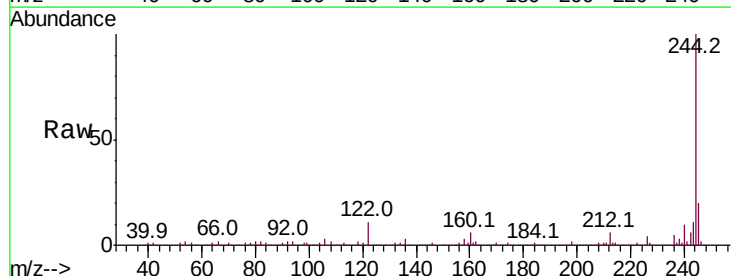
Tgt Ion:244 Resp: 913805

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

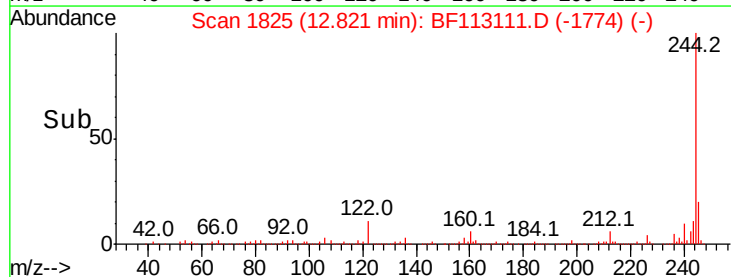
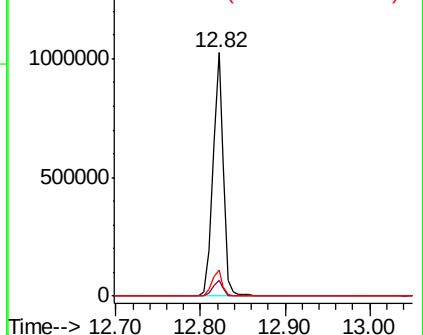
122 10.6 10.5 15.7

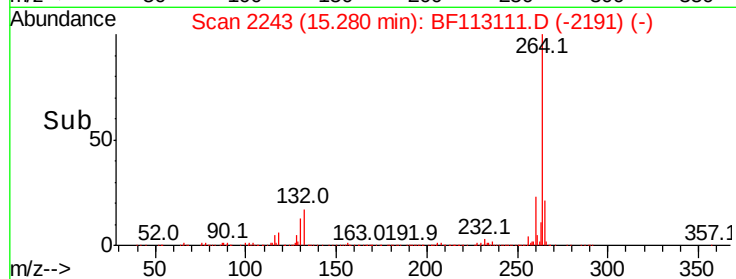
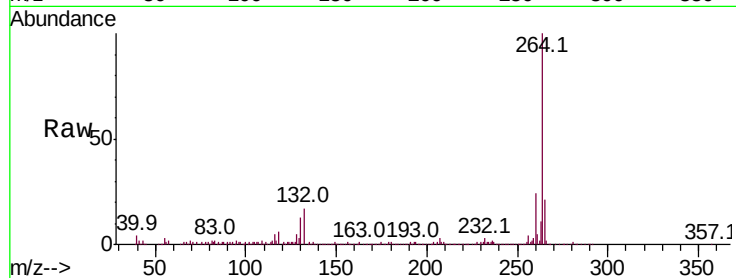
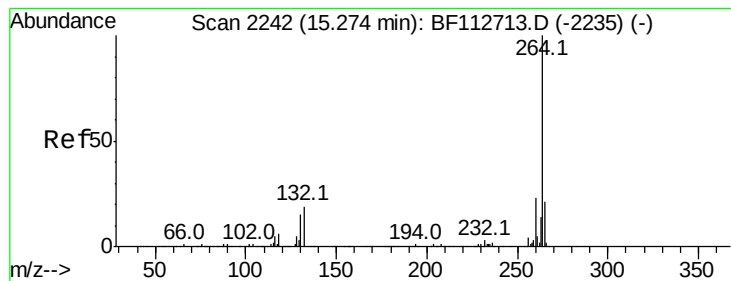


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113111.D

Acq: 19 Mar 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PST-025-B127-031319

Tot Ion:264 Resp: 246619

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.3 17.2 25.8

