

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102037.D
 Acq On : 11 Jan 2018 23:41
 Operator : SJ/JU
 Sample : J1081-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-1(5-6)

Quant Time: Jan 12 02:36:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

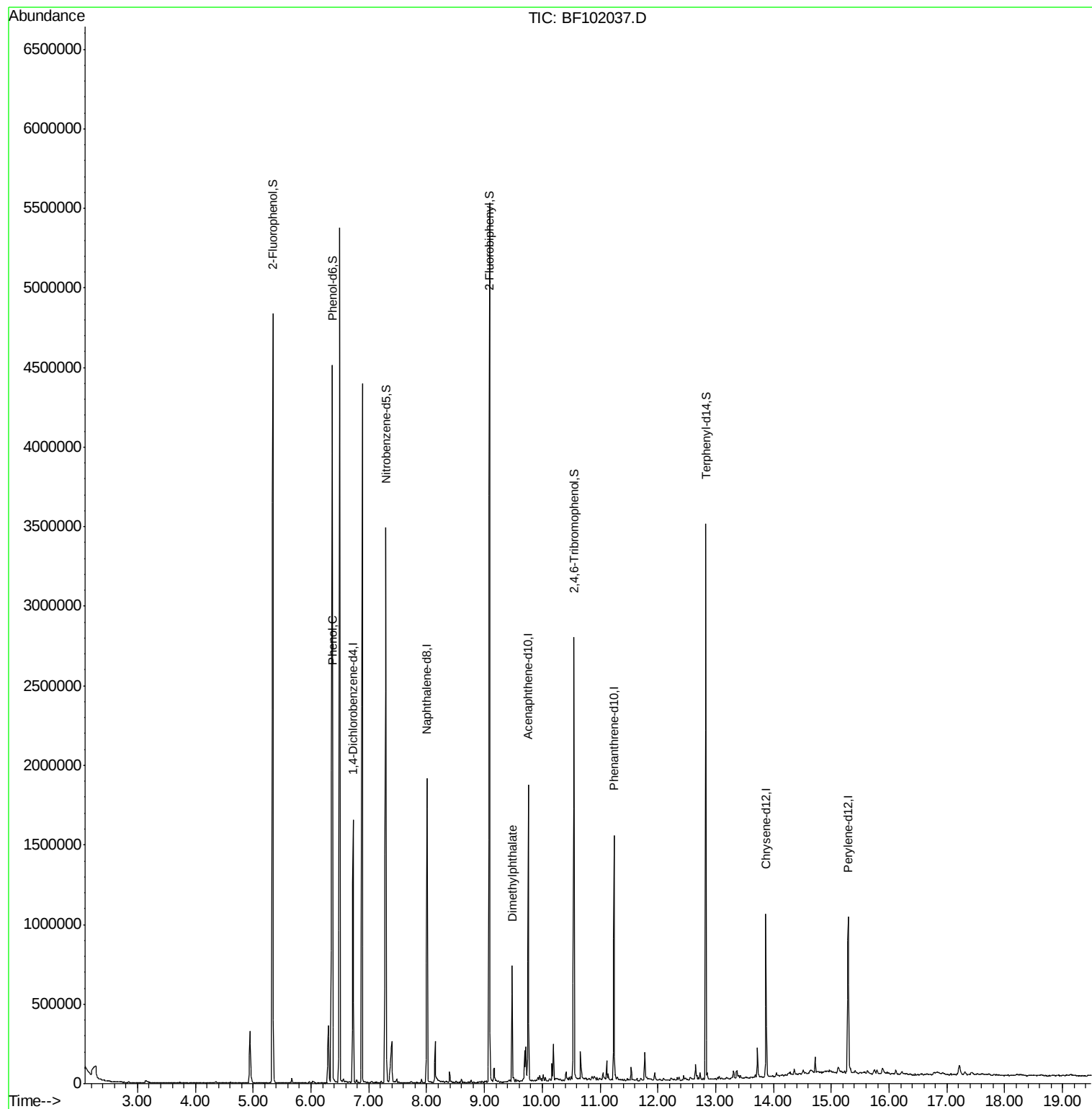
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	222063	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	864310	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	344834	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	499646	20.00	ng	0.00
75) Chrysene-d12	13.87	240	346529	20.00	ng	0.00
86) Perylene-d12	15.29	264	397447	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1715771	109.10	ng	0.01
7) Phenol-d6	6.37	99	2063292	109.97	ng	0.00
23) Nitrobenzene-d5	7.29	82	1305116	88.73	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	334339	111.10	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1926221	87.27	ng	0.00
78) Terphenyl-d14	12.83	244	1142533	68.46	ng	0.00
Target Compounds						
10) Phenol	6.38	94	86101	4.061	ng	93
49) Dimethylphthalate	9.48	163	253095	9.149	ng	99

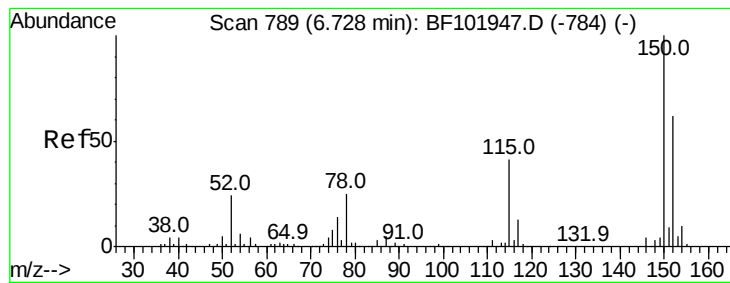
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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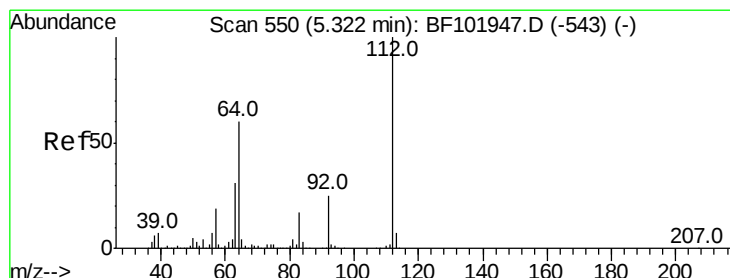
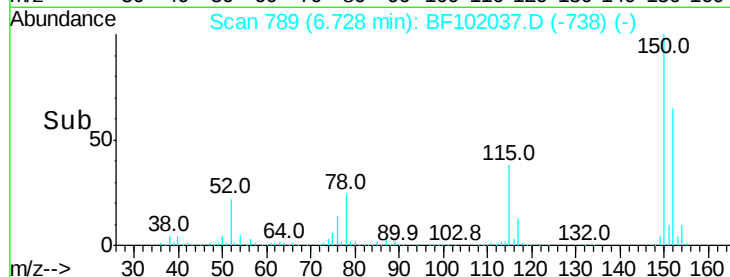
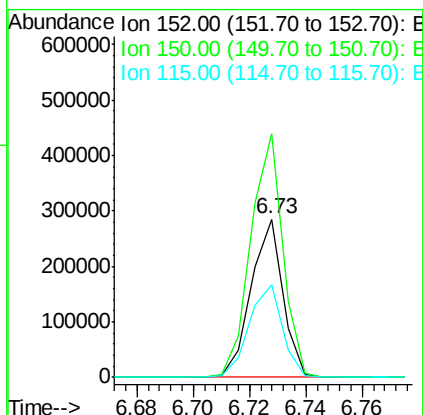
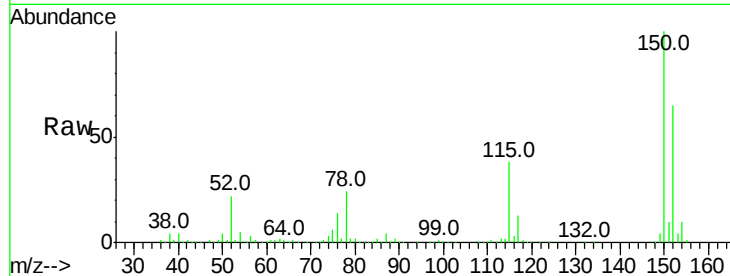


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

Instrument :
BNA_F
ClientSampleId :
EPE-106-1(5-6)

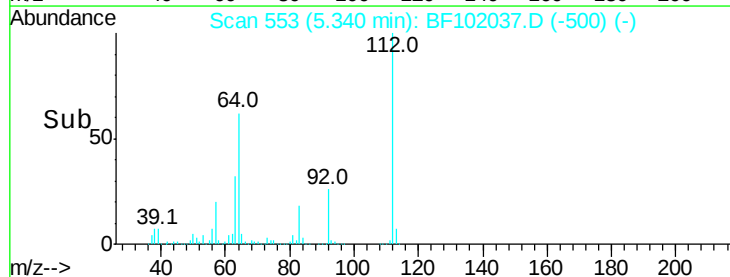
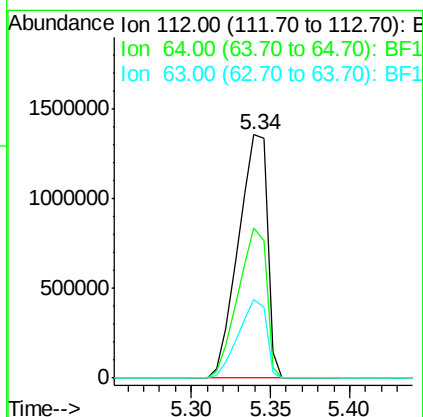
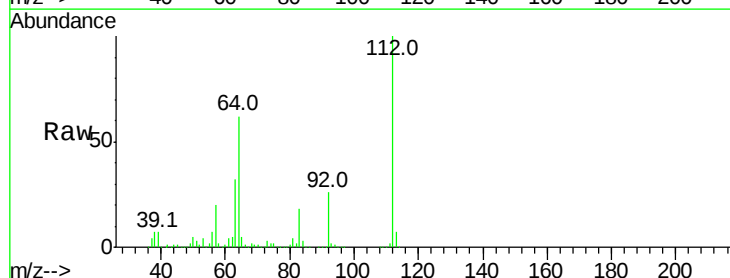
Tot Ion:152 Resp: 222063
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 58.5 50.1 75.1

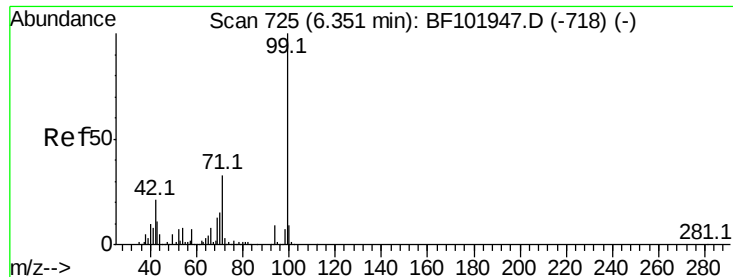


#5

2-Fluorophenol
Concen: 109.105 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

Tgt Ion:112 Resp: 1715771
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 32.1 23.7 35.5





#7

Phenol-d6

Concen: 109.968 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

EPE-106-1(5-6)

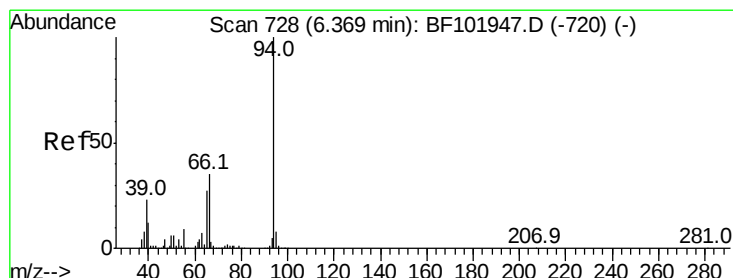
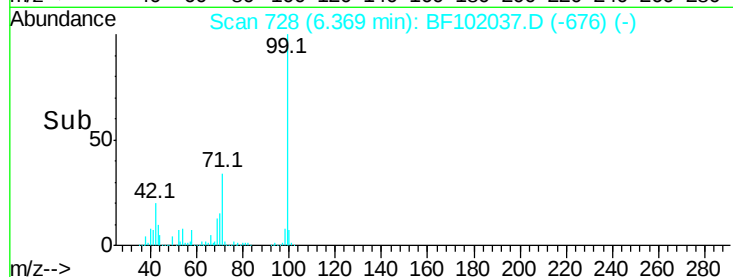
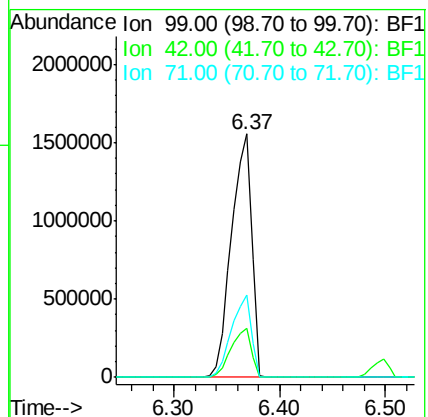
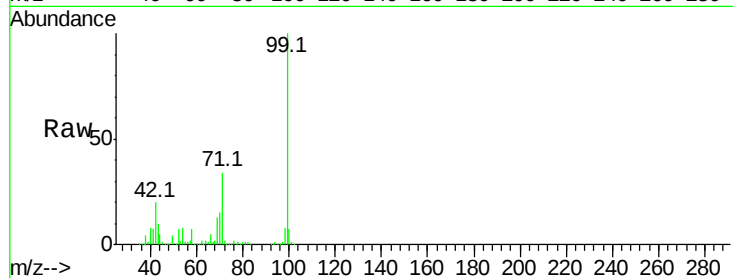
Tot Ion: 99 Resp: 2063292

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 33.6 25.4 38.0



#10

Phenol

Concen: 4.061 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

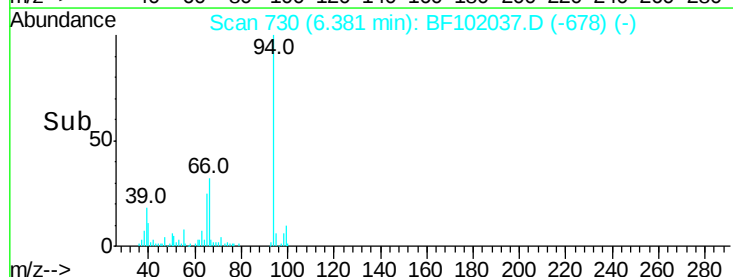
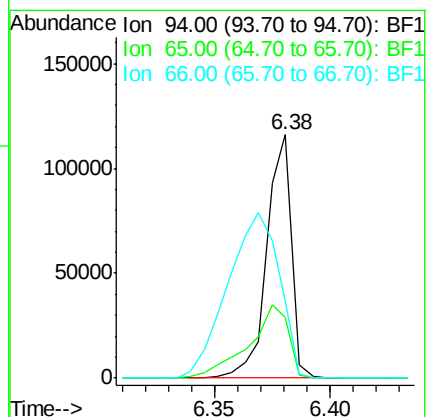
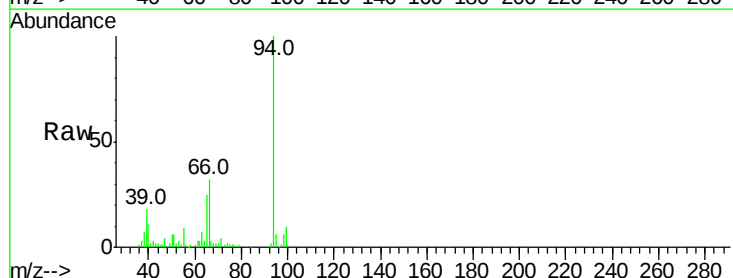
Tgt Ion: 94 Resp: 86101

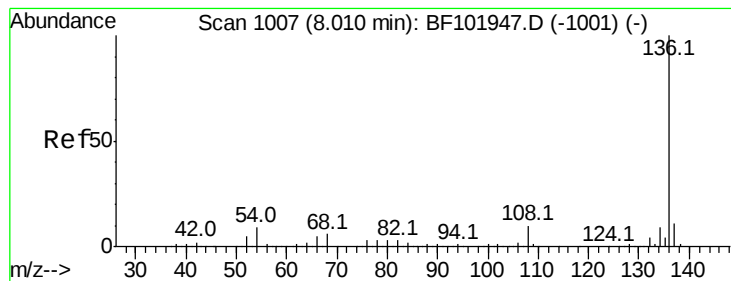
Ion Ratio Lower Upper

94 100

65 25.1 7.9 47.9

66 31.7 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

EPE-106-1(5-6)

Tot Ion:136 Resp: 864310

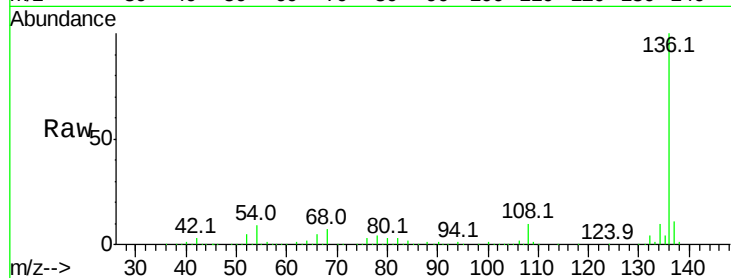
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.4 6.6 9.8

68 6.5 5.0 7.4

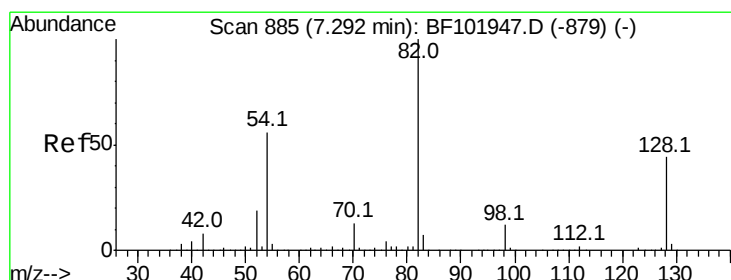
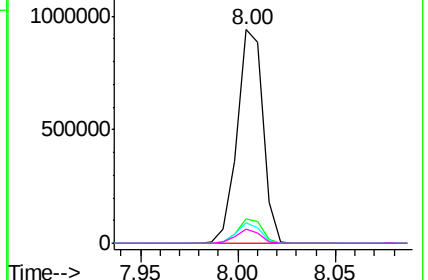
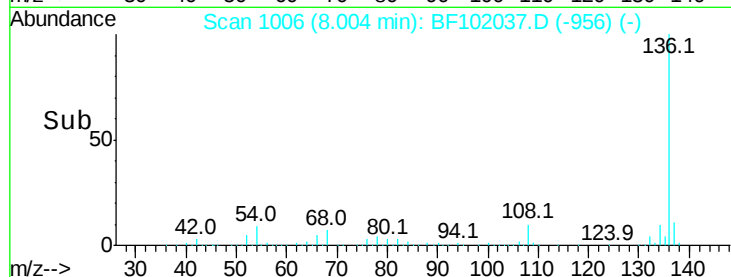


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.734 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

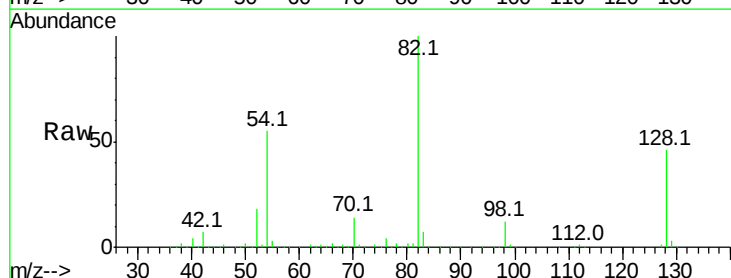
Tgt Ion: 82 Resp: 1305116

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

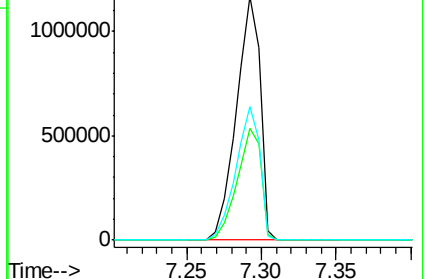
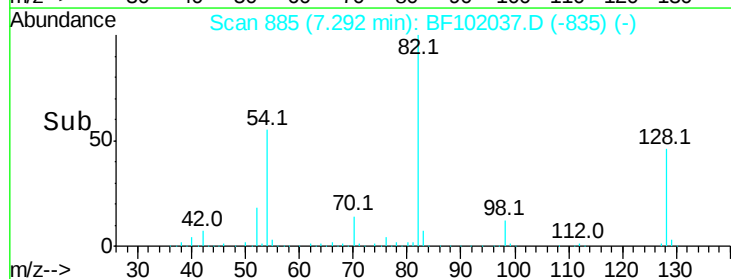
54 55.0 41.4 62.2

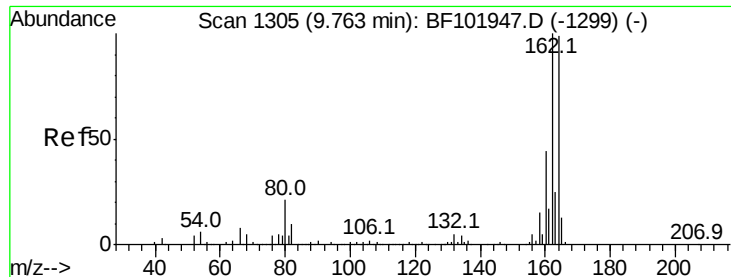


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

EPE-106-1(5-6)

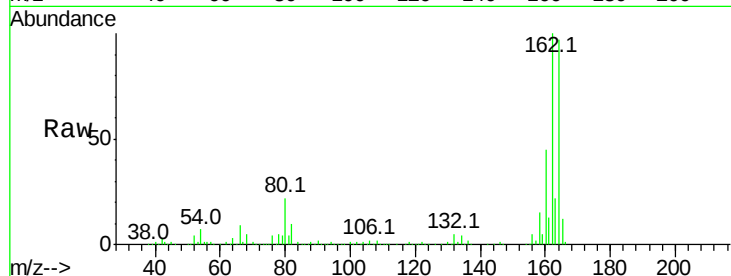
Tot Ion:164 Resp: 344834

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

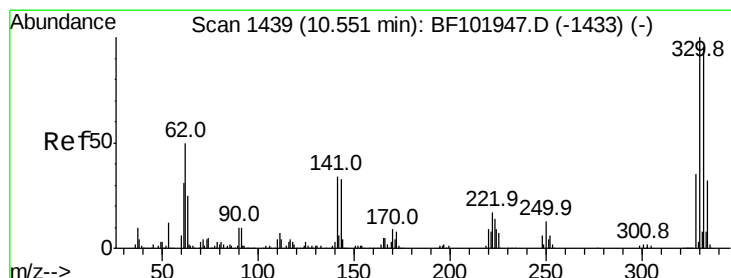
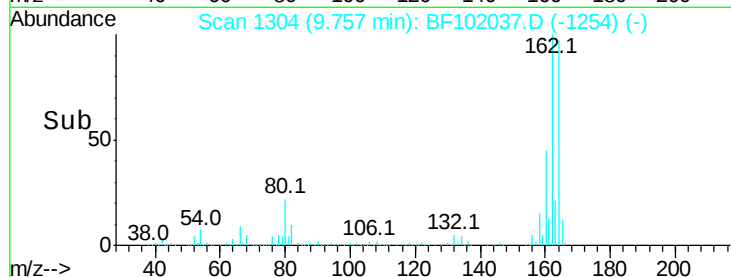
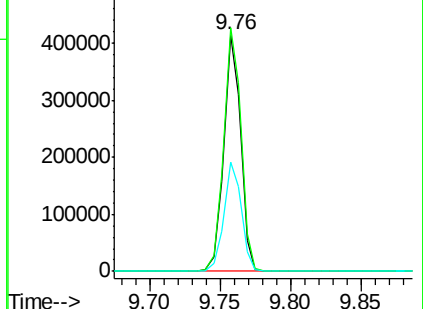
160 46.1 38.3 57.5



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: 111.101 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

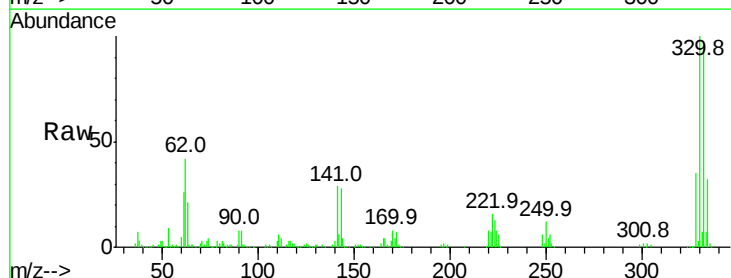
Tgt Ion:330 Resp: 334339

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

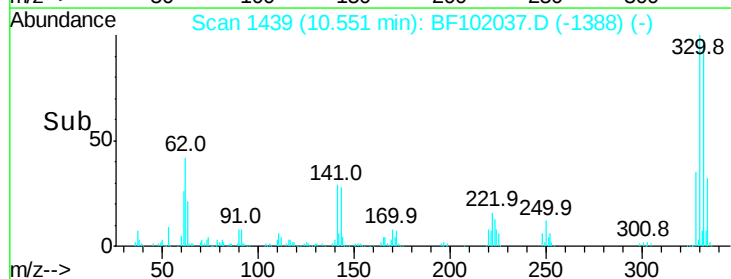
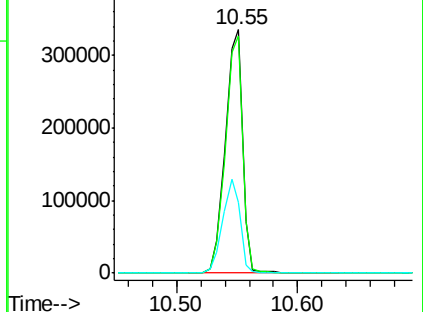
141 38.6 29.9 44.9

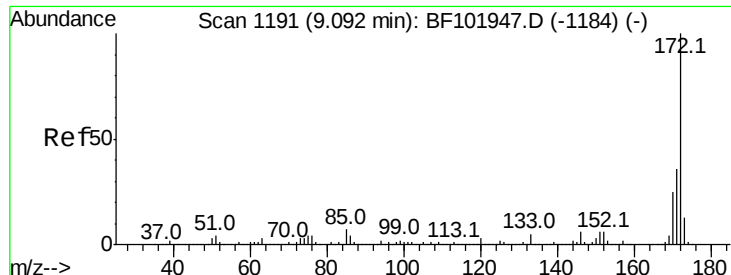


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



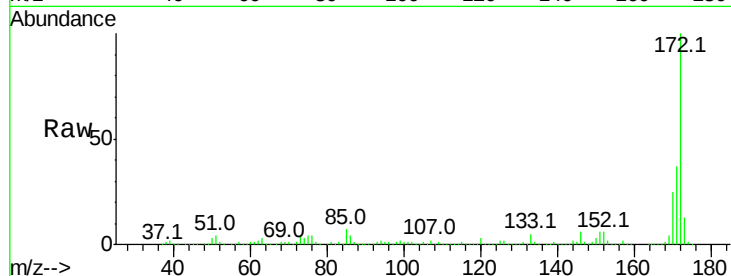


#44
2-Fluorobiphenyl
Concen: 87.267 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

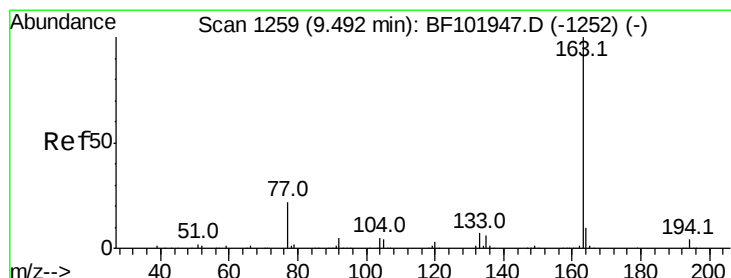
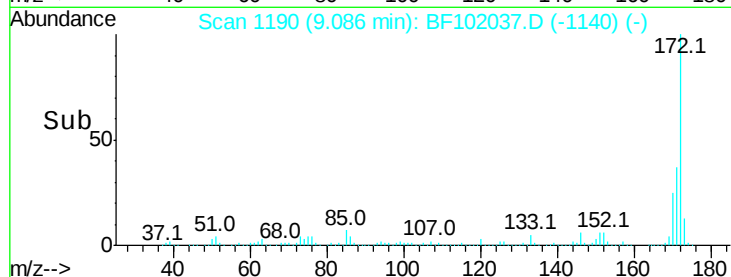
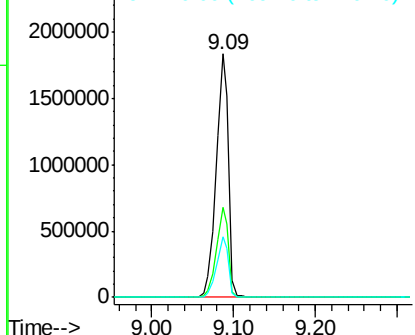
Instrument :
BNA_F
ClientSampleId :
EPE-106-1(5-6)

Tot Ion:172 Resp: 1926221

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.8	19.6	29.4



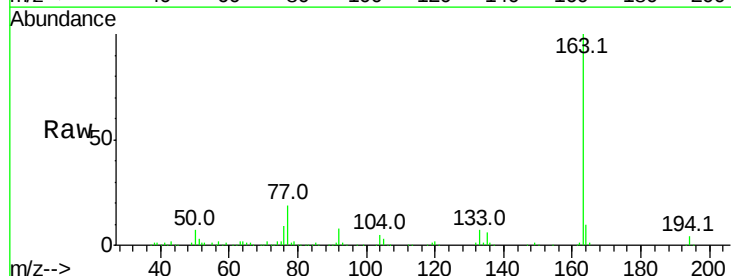
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



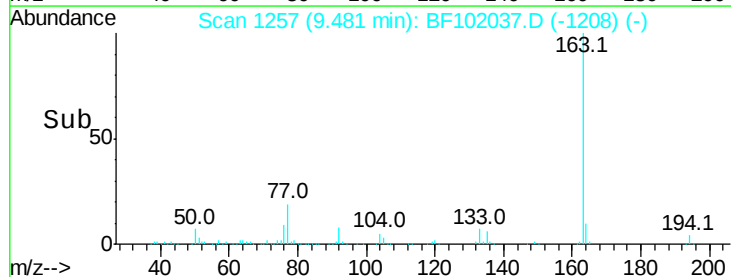
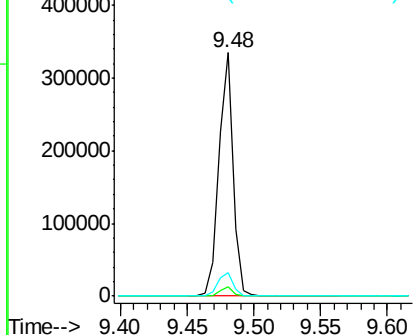
#49
Dimethylphthalate
Concen: 9.149 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102037.D
Acq: 11 Jan 2018 23:41

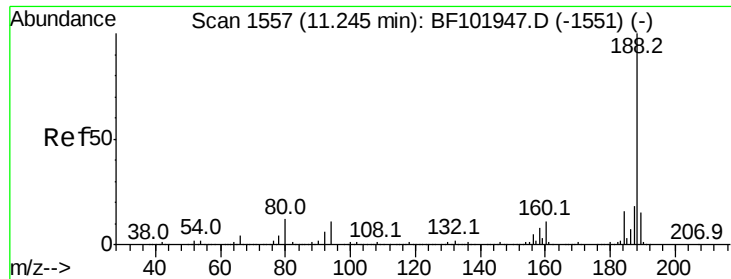
Tgt Ion:163 Resp: 253095

Ion	Ratio	Lower	Upper
163	100		
194	3.6	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

Instrument :

BNA_F

ClientSampleId :

EPE-106-1(5-6)

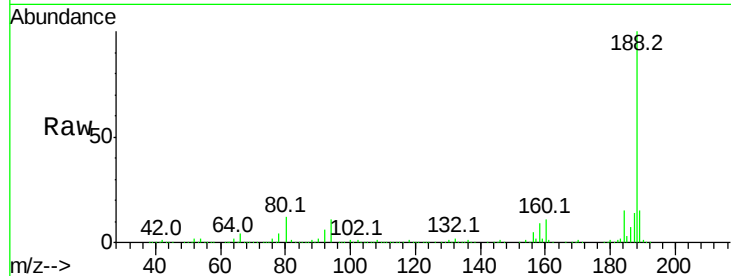
Tot Ion:188 Resp: 499646

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

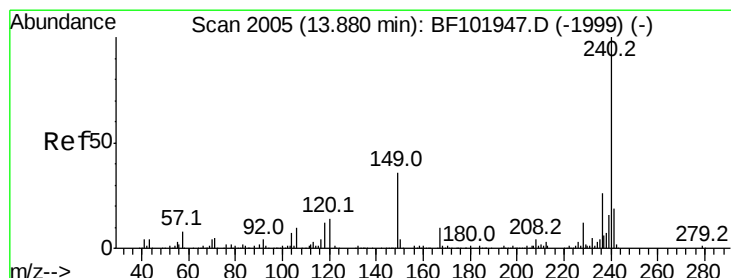
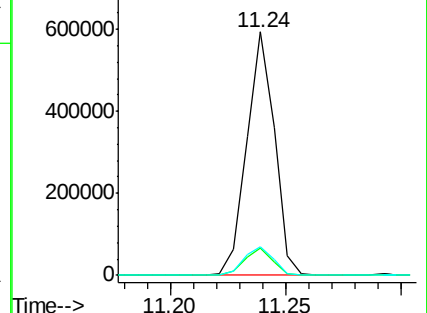
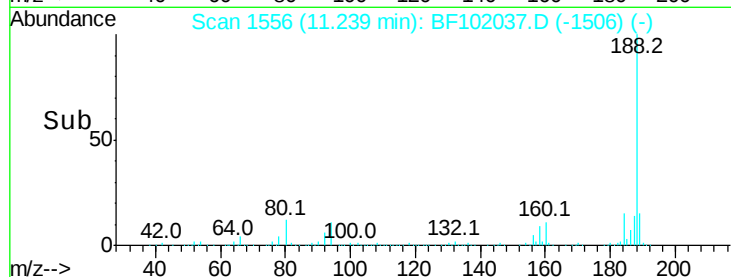
80 12.0 9.2 13.8



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

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102037.D

Acq: 11 Jan 2018 23:41

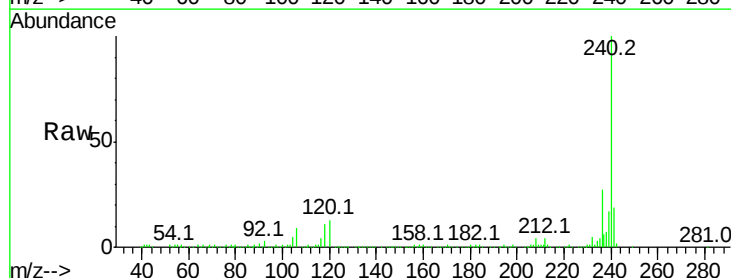
Tgt Ion:240 Resp: 346529

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

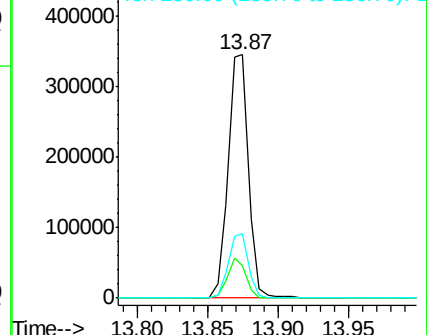
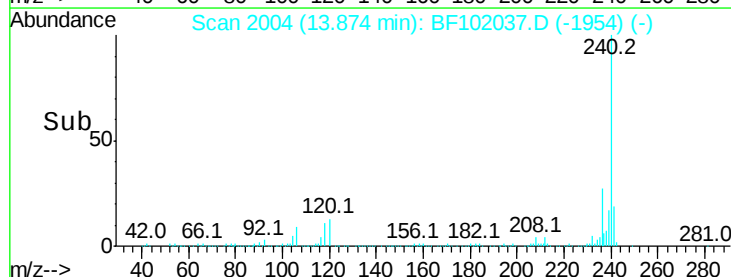
236 26.7 20.7 31.1

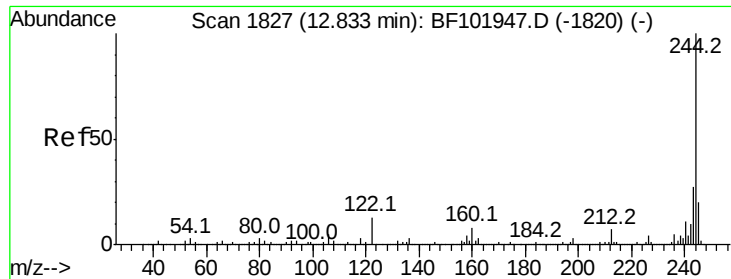


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

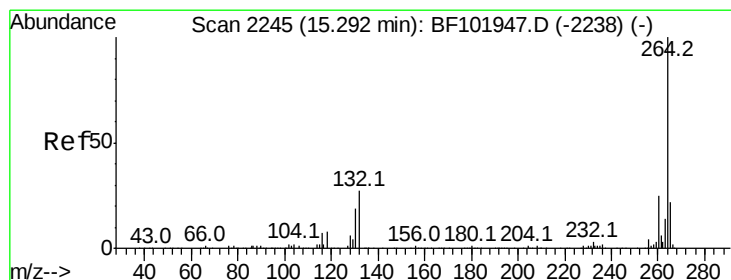
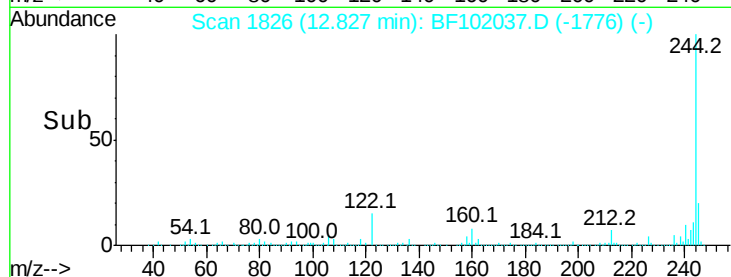
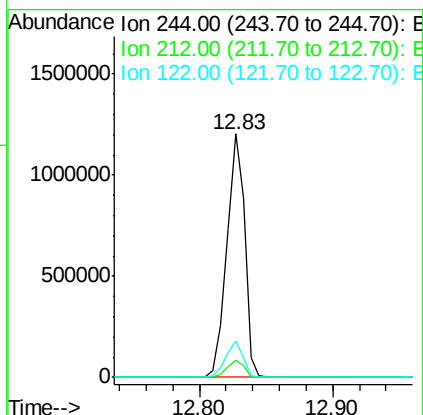
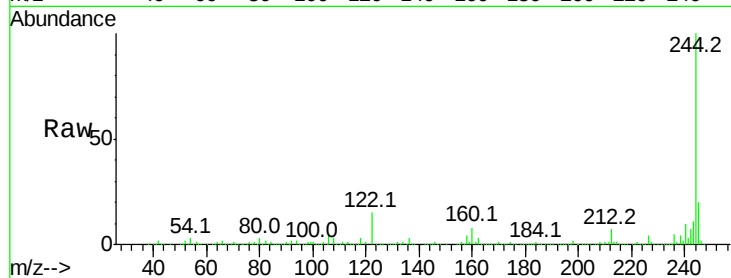




#78
 Terphenyl-d14
 Concen: 68.456 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF102037.D
 Acq: 11 Jan 2018 23:41

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-1(5-6)

Tot Ion:244 Resp: 1142533
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102037.D
 Acq: 11 Jan 2018 23:41

Tgt Ion:264 Resp: 397447
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.7 17.5 26.3

