

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110114.D
 Acq On : 24 Oct 2018 14:52
 Operator : JU/SJ
 Sample : J5610-09 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:11:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

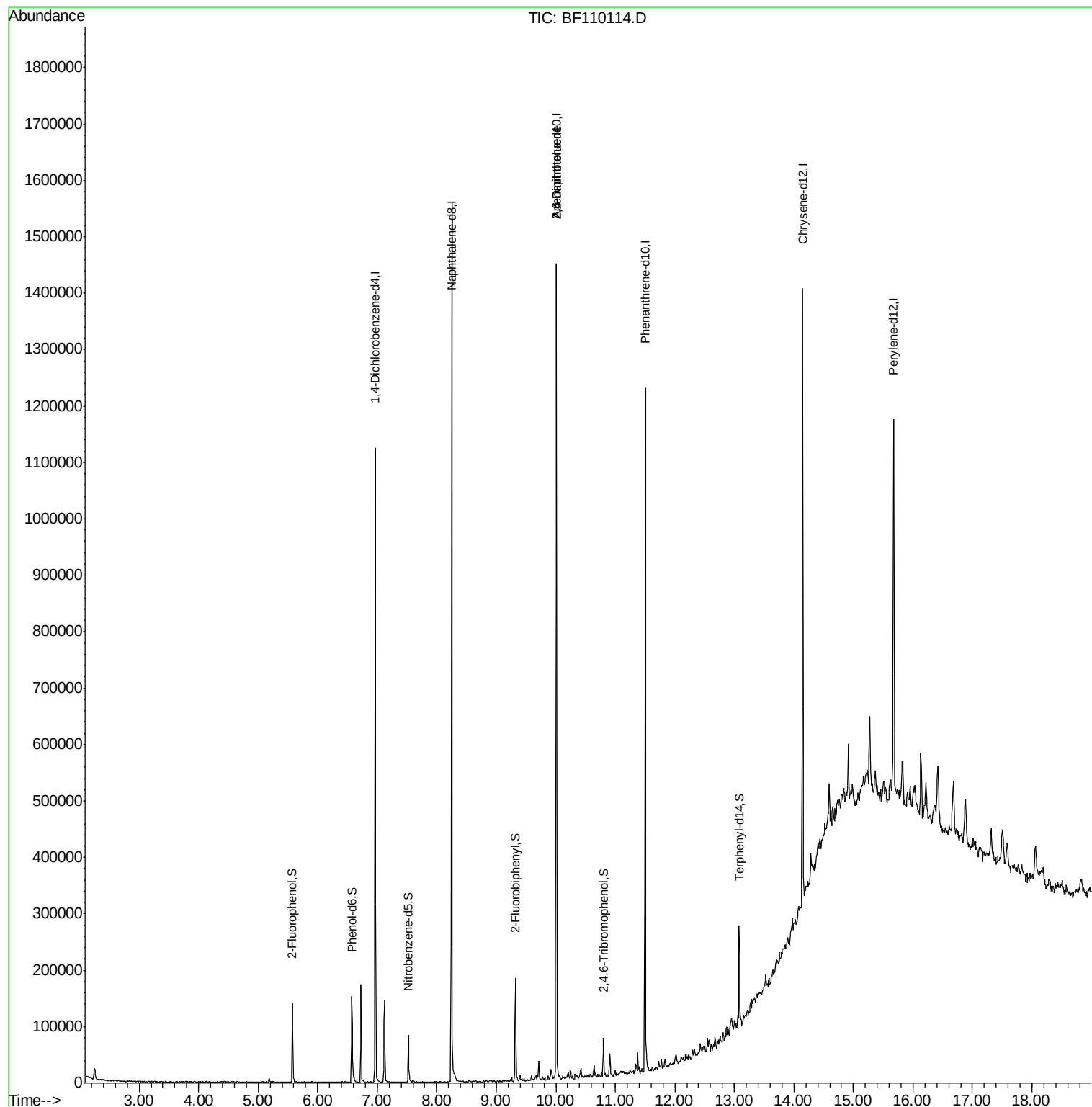
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	171432	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	655347	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	256598	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	431496	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	370902	20.00	ng	-0.01
87) Perylene-d12	15.68	264	265011	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	40534	3.85	ng	-0.02
7) Phenol-d6	6.57	99	50033	3.72	ng	-0.03
23) Nitrobenzene-d5	7.52	82	27599	2.50	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	7226	2.84	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	56324	3.45	ng	-0.02
79) Terphenyl-d14	13.08	244	49595	2.78	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.73	77	982	Below Cal	Qvalue #	73
51) 2,6-Dinitrotoluene	10.01	165	32938	8.073 ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	32938	6.356 ng	#	19

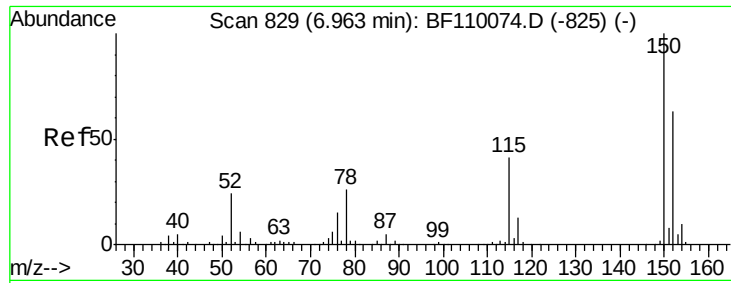
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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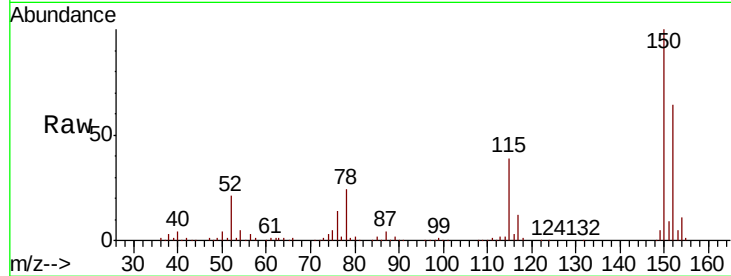


#1

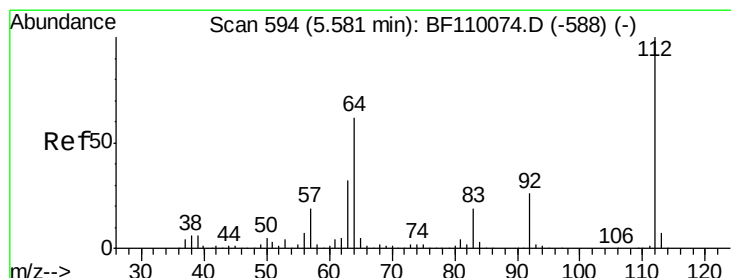
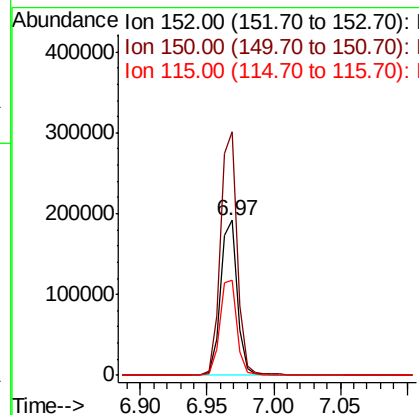
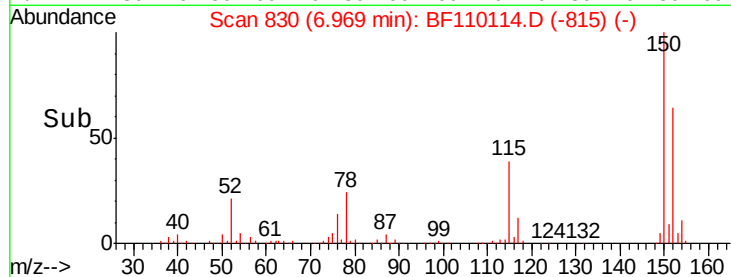
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110114.D
Acq: 24 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171432
Ion Ratio Lower Upper
152 100
150 157.3 122.7 184.1
115 61.7 49.1 73.7



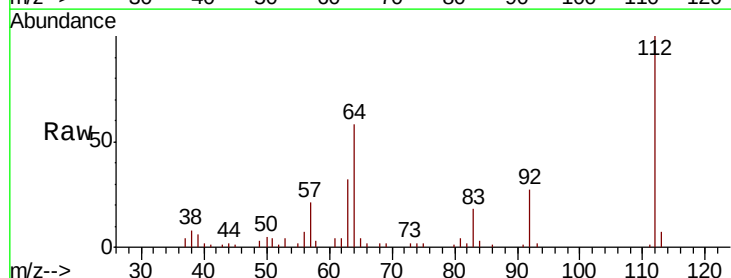
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



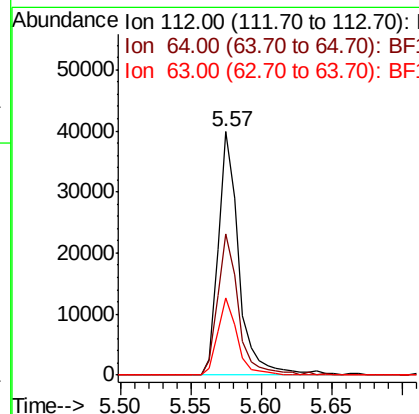
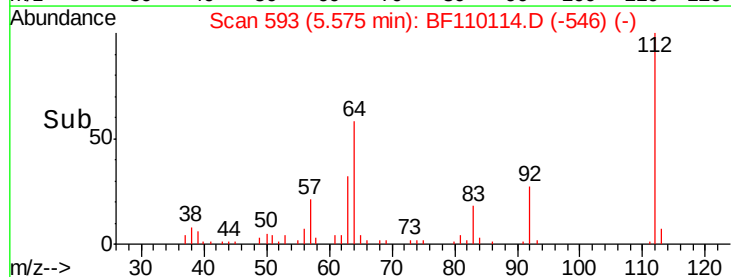
#5

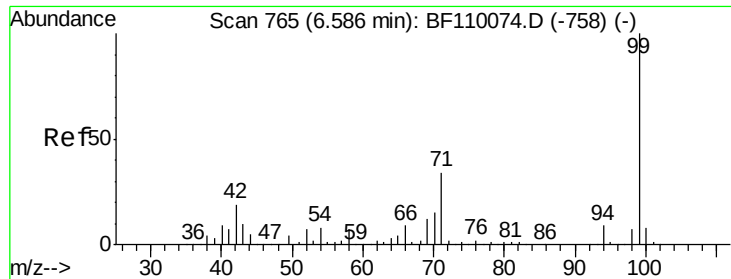
2-Fluorophenol
Concen: 3.850 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF110114.D
Acq: 24 Oct 2018 14:52

Tgt Ion:112 Resp: 40534
Ion Ratio Lower Upper
112 100
64 58.2 44.1 66.1
63 31.9 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: 3.716 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF110114.D

Acq: 24 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

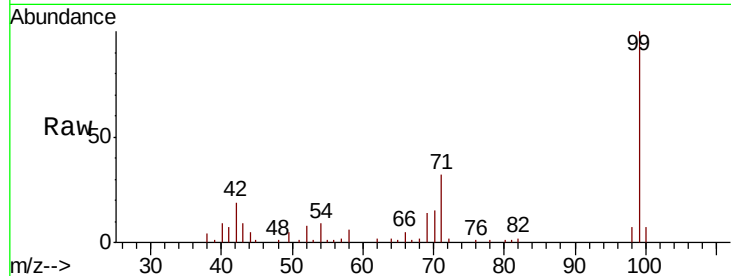
Tot Ion: 99 Resp: 50033

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

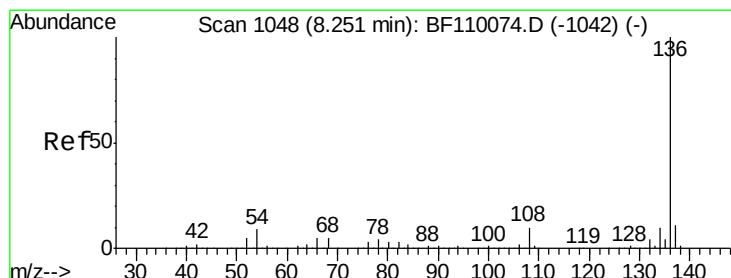
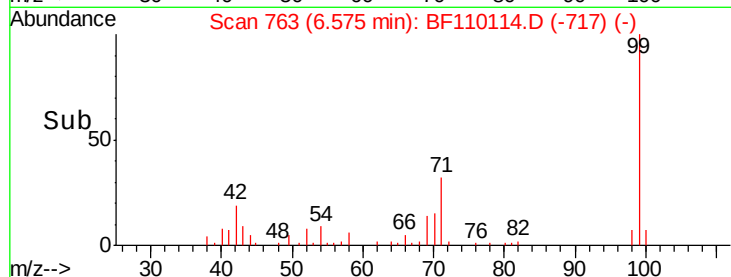
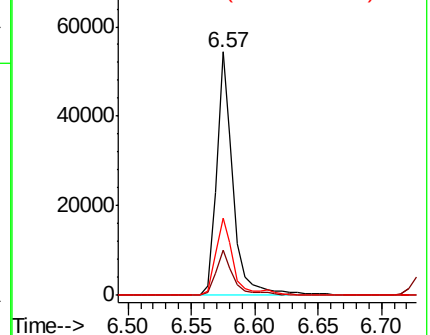
71 31.6 28.0 42.0



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110114.D

Acq: 24 Oct 2018 14:52

Tgt Ion: 136 Resp: 655347

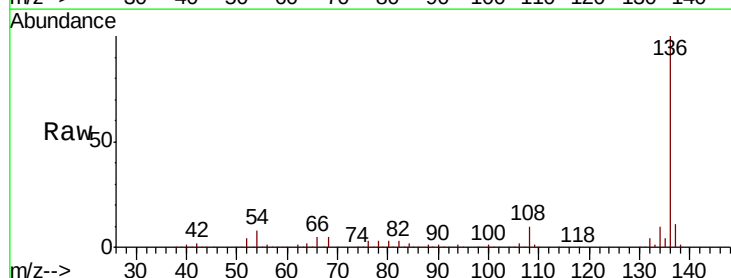
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.8 5.4 8.2

68 5.4 4.2 6.2

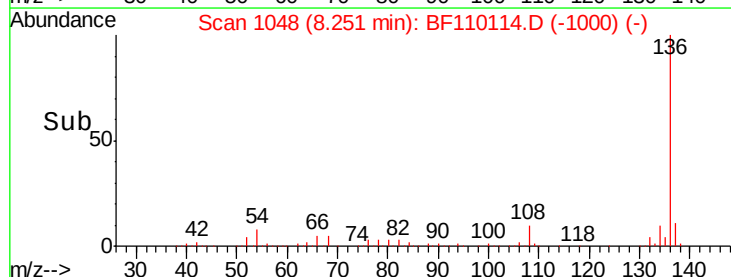
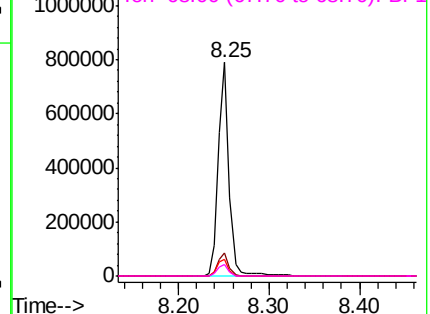


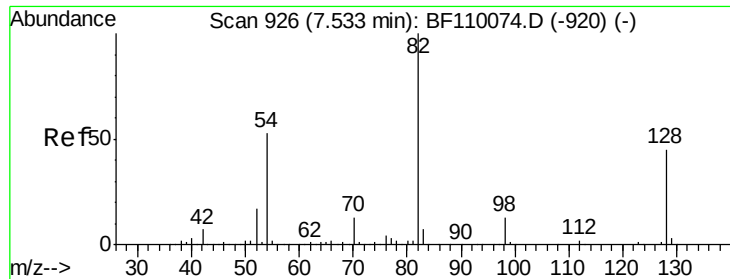
Abundance Ion 136.00 (135.70 to 136.70): E

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

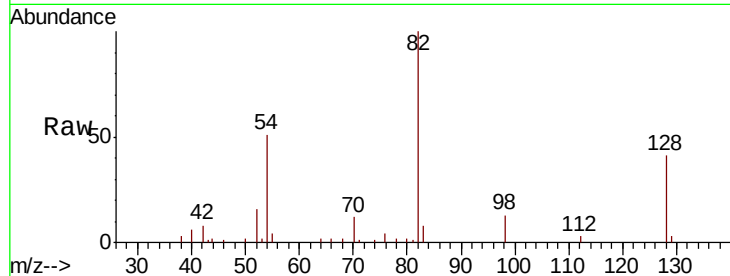




#23
Nitrobenzene-d5
Concen: 2.498 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF110114.D
Acq: 24 Oct 2018 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	27599
Ion Ratio	Lower	Upper	
82	100		
128	41.5	34.2	51.2
54	51.2	38.6	58.0

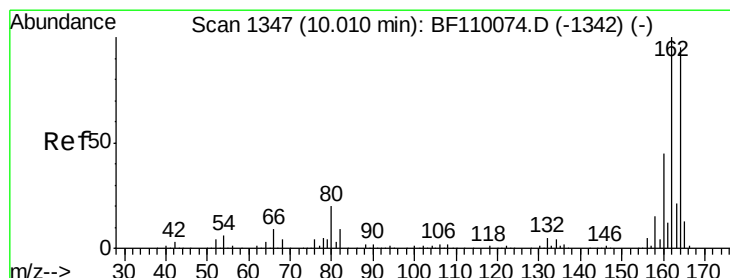
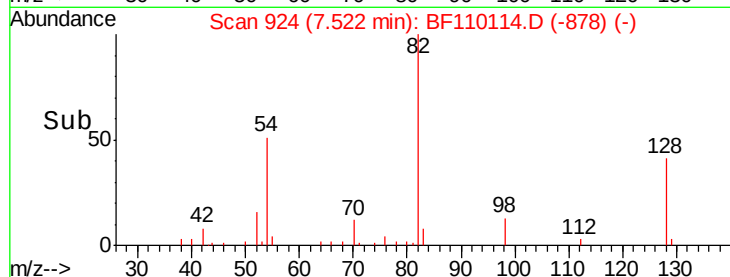
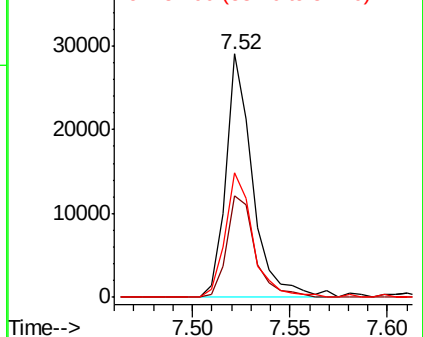


Abundance

Ion 82.00 (81.70 to 82.70): BF1

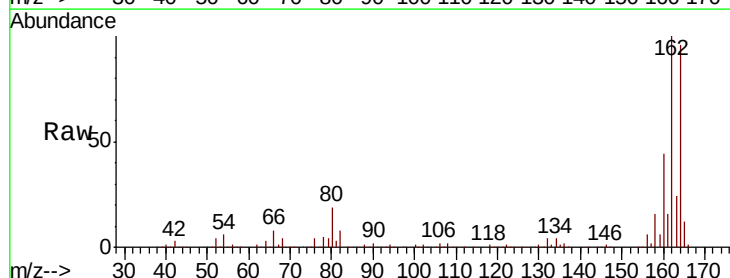
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110114.D
Acq: 24 Oct 2018 14:52

Tgt Ion	164	Resp	256598
Ion Ratio	Lower	Upper	
164	100		
162	104.5	83.0	124.6
160	46.3	37.0	55.6

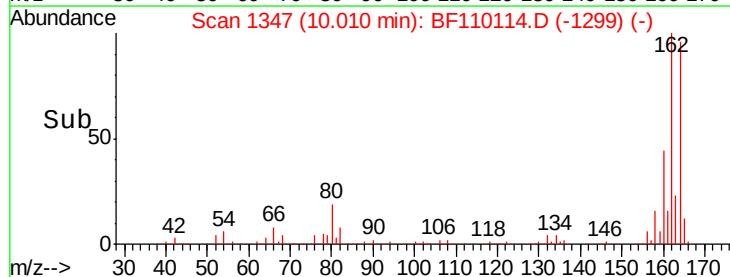
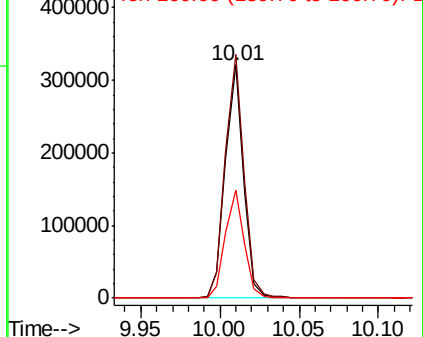


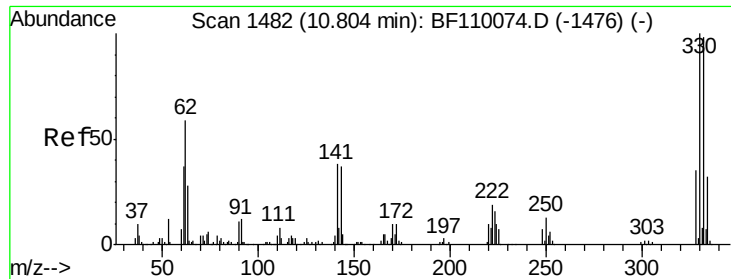
Abundance

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

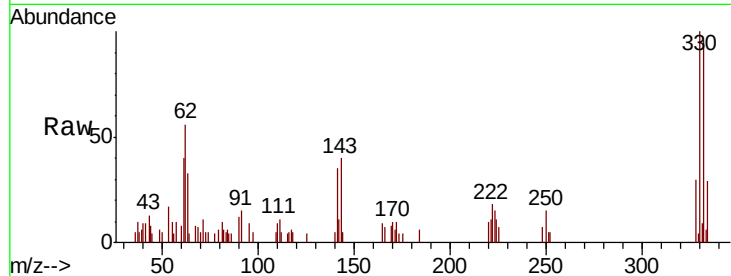




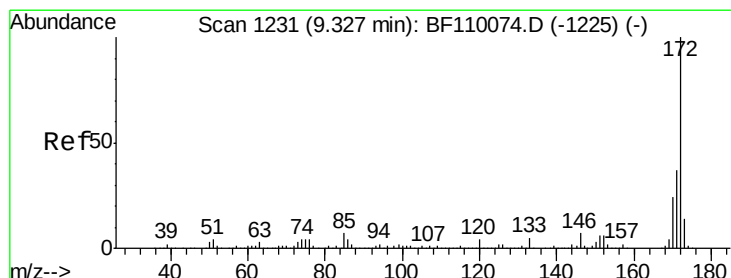
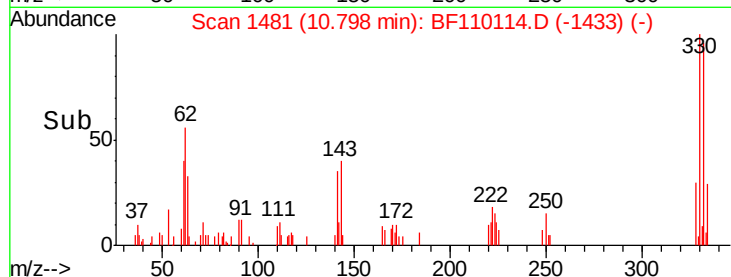
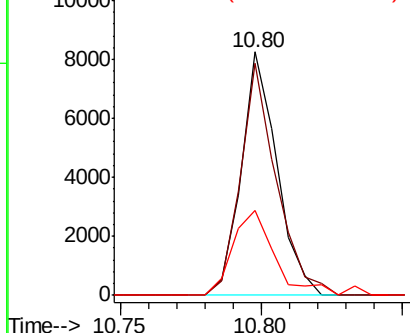
#42
 2,4,6-Tribromophenol
 Concen: 2.843 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110114.D
 Acq: 24 Oct 2018 14:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	42.3	27.0	40.4

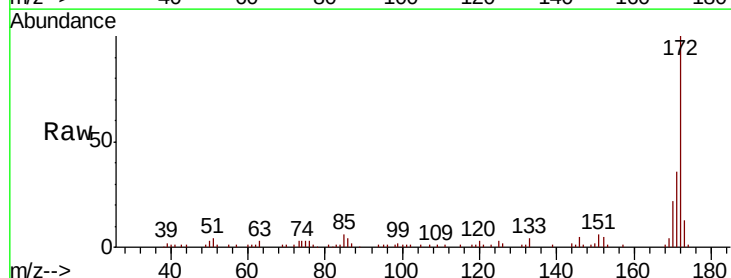


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

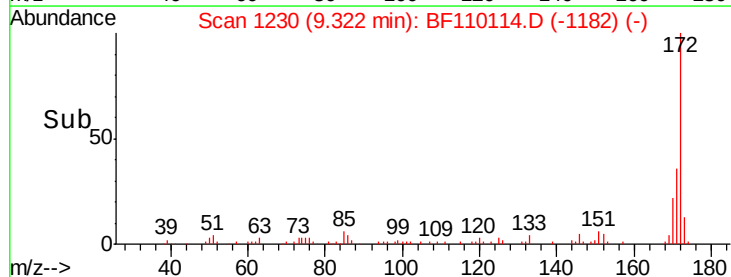
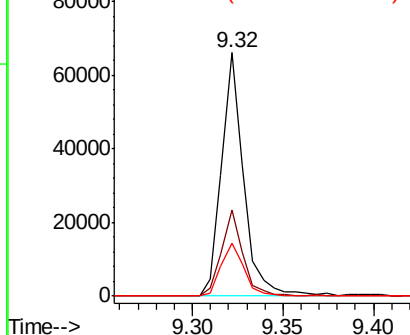


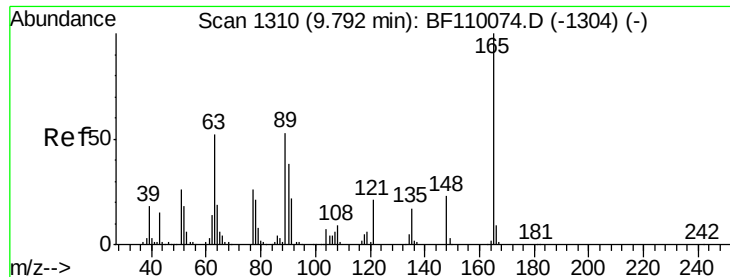
#45
 2-Fluorobiphenyl
 Concen: 3.447 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110114.D
 Acq: 24 Oct 2018 14:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	21.7	19.7	29.5



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

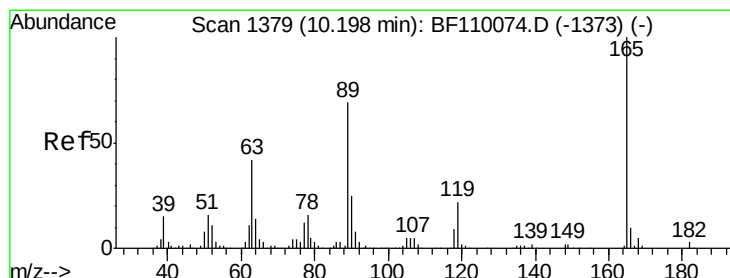
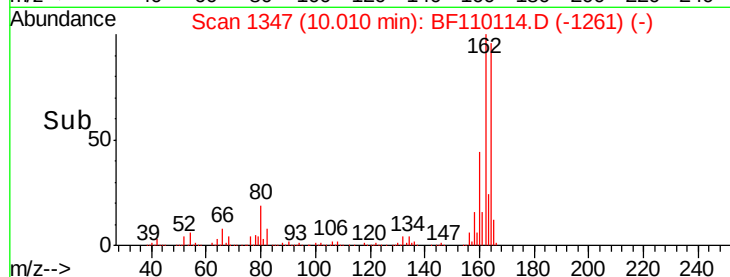
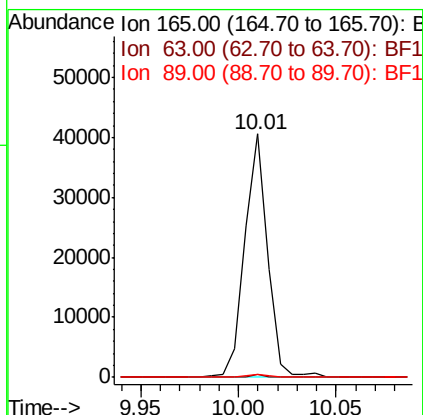
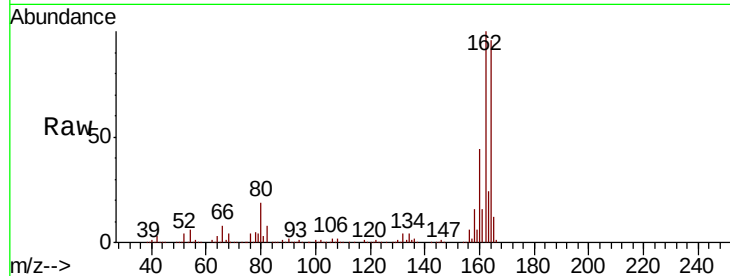




#51
2,6-Dinitrotoluene
Concen: 8.073 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110114.D
Acq: 24 Oct 2018 14:52

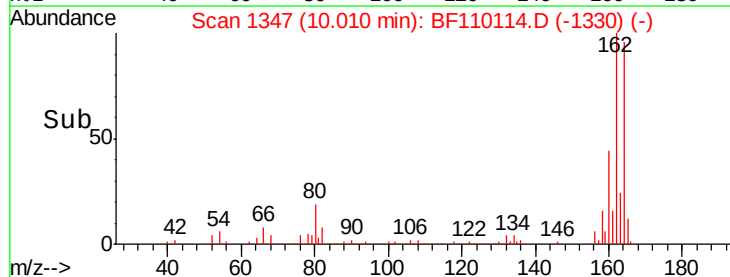
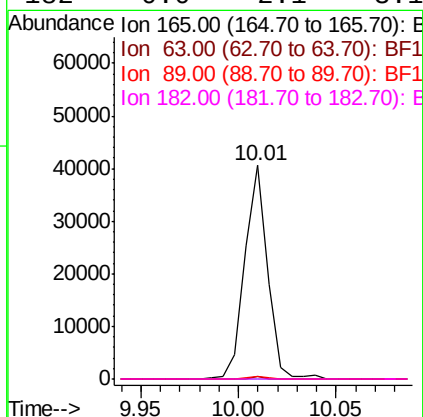
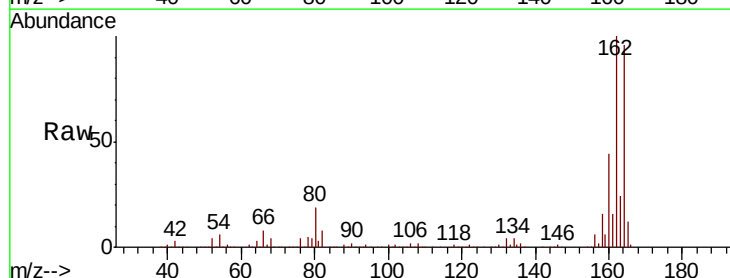
Instrument :
BNA_F
ClientSampleId :

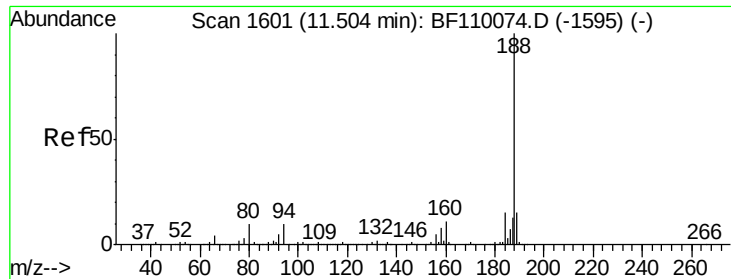
Tot Ion:165 Resp: 32938
Ion Ratio Lower Upper
165 100
63 1.5 48.9 73.3#
89 1.3 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 6.356 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110114.D
Acq: 24 Oct 2018 14:52

Tgt Ion:165 Resp: 32938
Ion Ratio Lower Upper
165 100
63 1.5 44.8 67.2#
89 1.3 62.2 93.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110114.D

Acq: 24 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

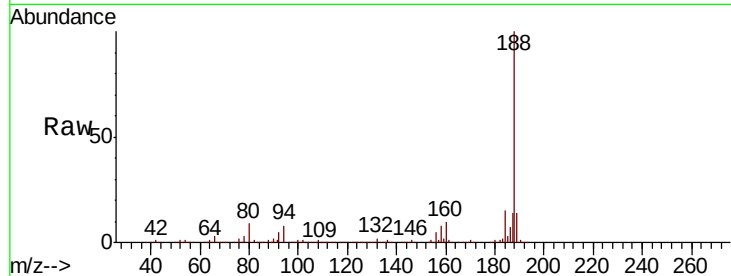
Tot Ion:188 Resp: 431496

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

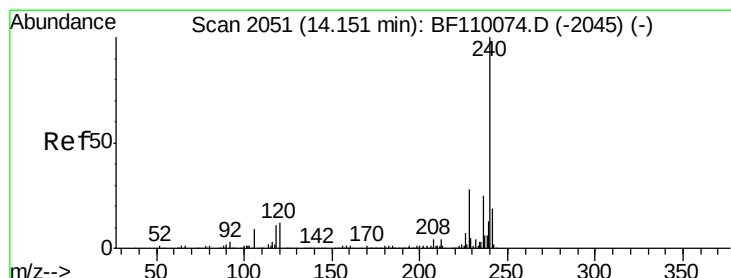
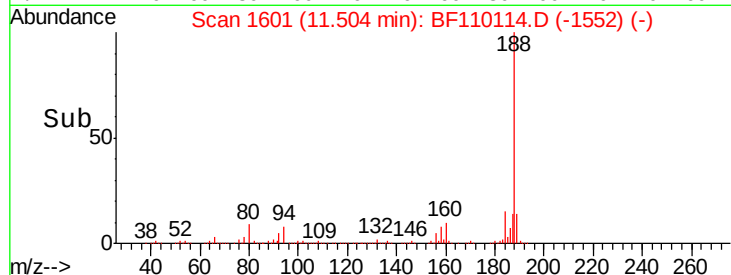
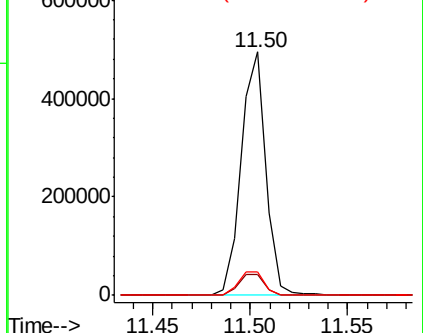
80 9.4 7.9 11.9



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: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF110114.D

Acq: 24 Oct 2018 14:52

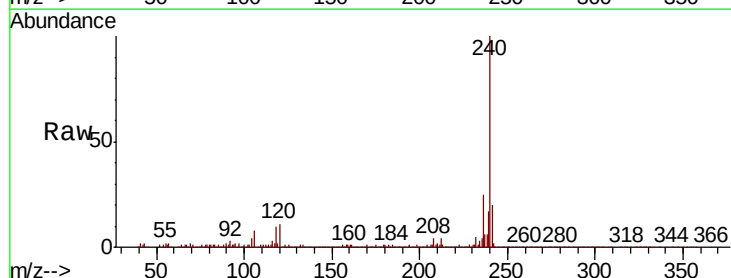
Tgt Ion:240 Resp: 370902

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

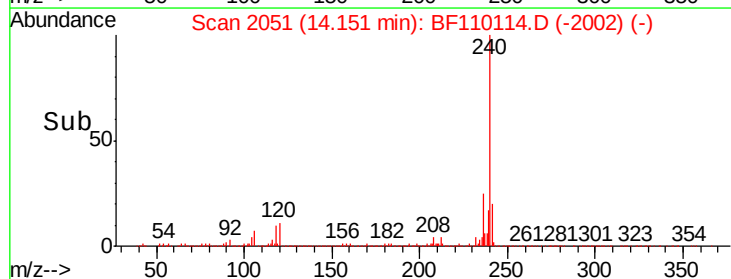
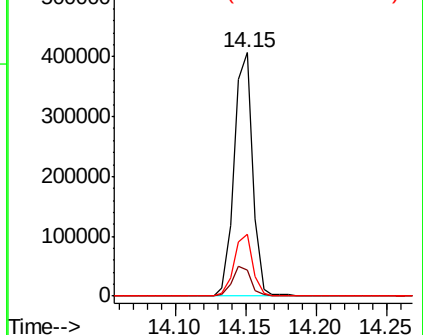
236 25.3 21.2 31.8

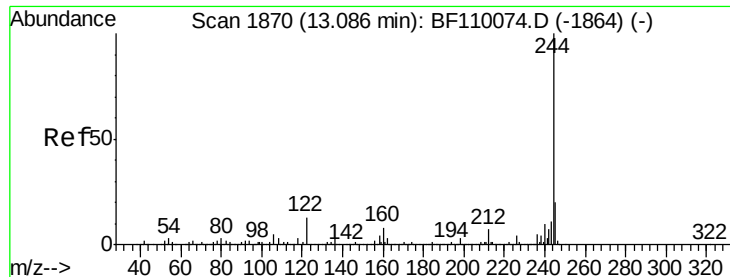


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 2.781 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BF110114.D

Acq: 24 Oct 2018 14:52

Instrument :

BNA_F

ClientSampleId :

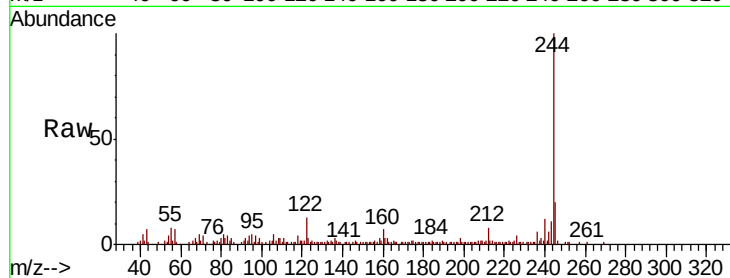
Tot Ion:244 Resp: 49595

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

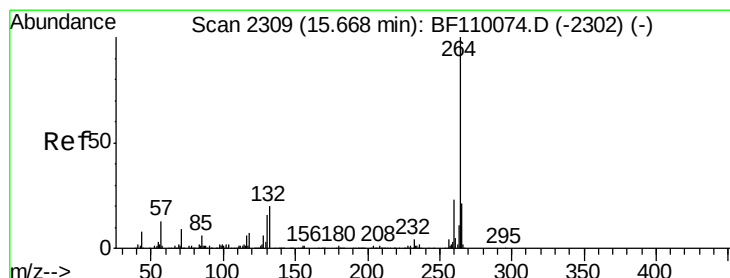
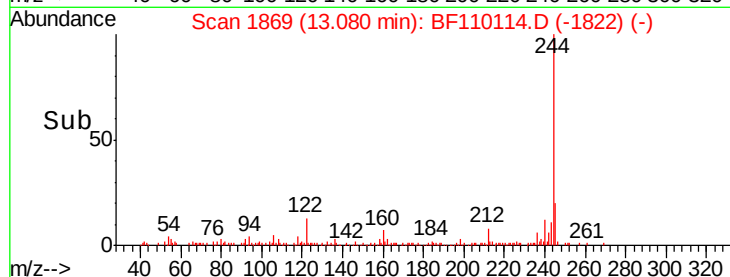
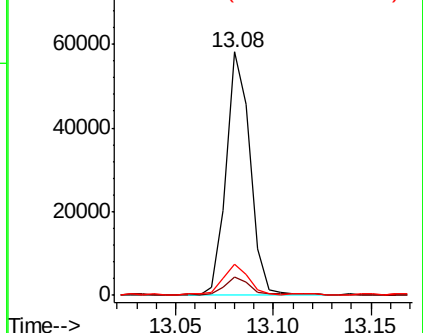
122 13.0 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110114.D

Acq: 24 Oct 2018 14:52

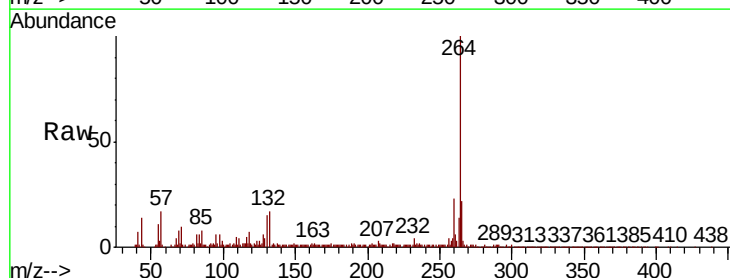
Tgt Ion:264 Resp: 265011

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.8 16.7 25.1



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

