

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110538.D
 Acq On : 7 Nov 2018 1:43
 Operator : JU/SJ
 Sample : J5822-06 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 08:47:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

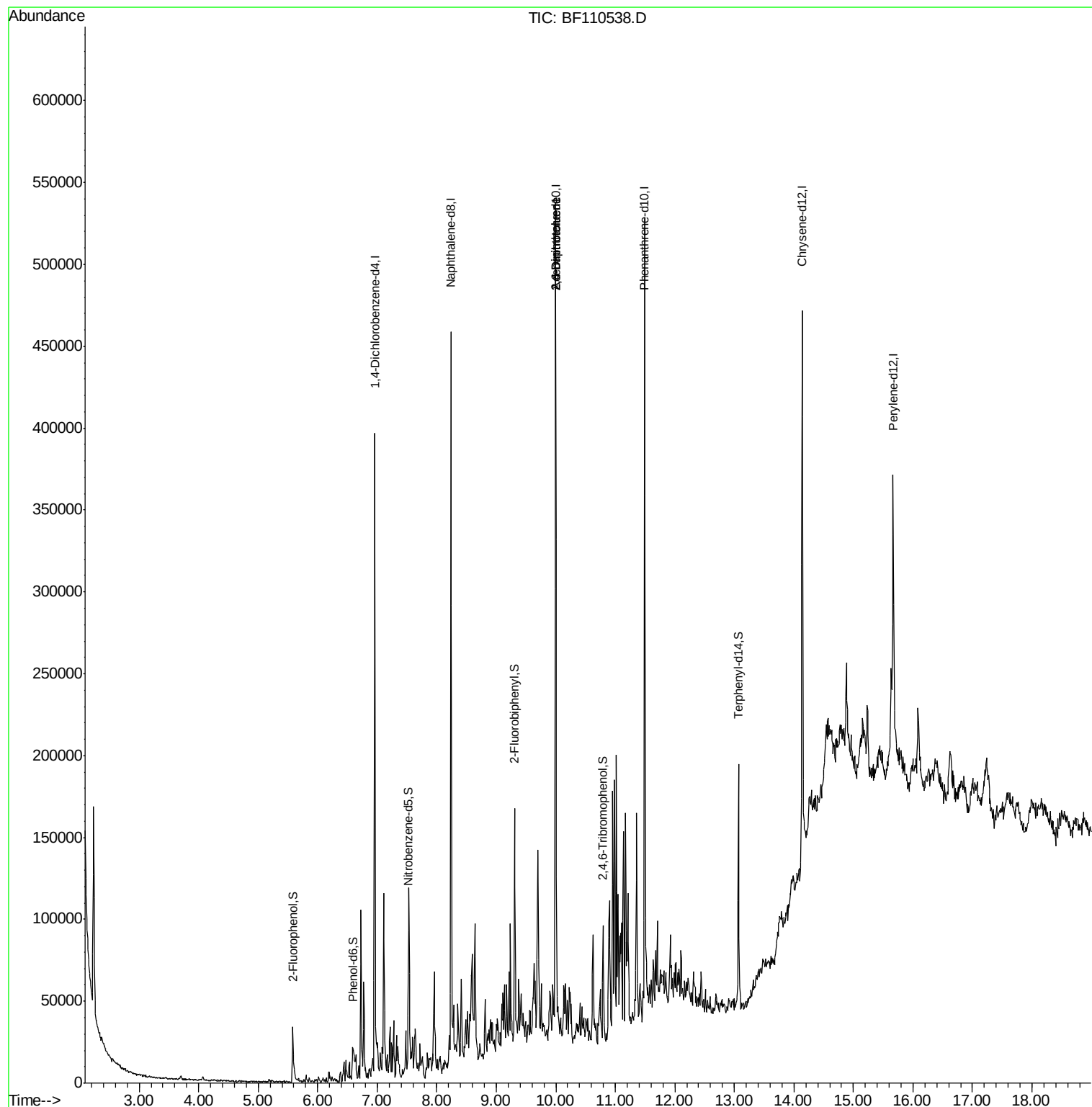
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	62097	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	237517	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	97346	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	177167	20.00	ng	0.00
76) Chrysene-d12	14.14	240	129904	20.00	ng	0.00
87) Perylene-d12	15.67	264	93506	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	17841	4.68	ng	0.00
7) Phenol-d6	6.59	99	15503	3.18	ng	0.00
23) Nitrobenzene-d5	7.52	82	20471	5.11	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	9118	9.46	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	54751	8.83	ng	0.00
79) Terphenyl-d14	13.07	244	52446	8.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	639	Below Cal	#	1
51) 2,6-Dinitrotoluene	10.00	165	12331	7.97	ng	# 23
57) 2,4-Dinitrotoluene	10.00	165	12331	6.27	ng	# 19
77) Benzidine	13.07	184	813	Below Cal	#	65

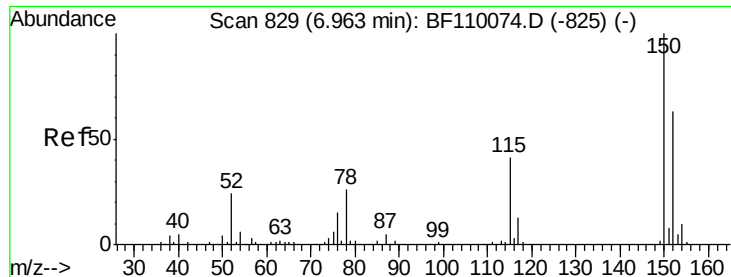
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF110538.D

Acq: 7 Nov 2018 1:43

Instrument :

BNA_F

ClientSampled :

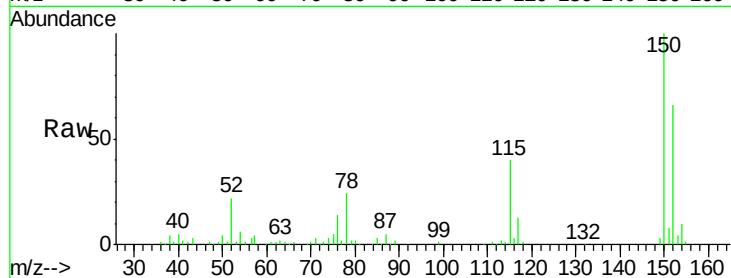
Tot Ion:152 Resp: 62097

Ion Ratio Lower Upper

152 100

150 152.6 122.7 184.1

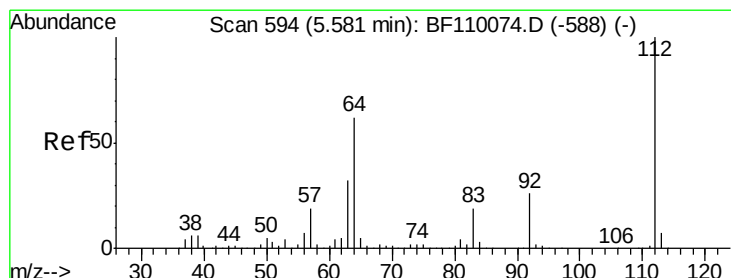
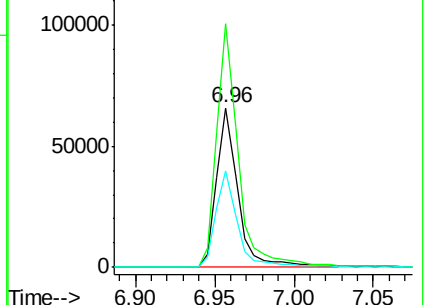
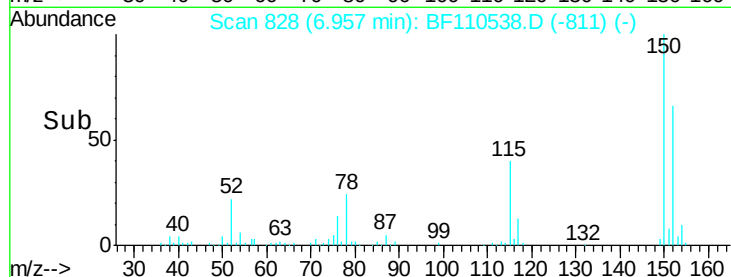
115 60.8 49.1 73.7



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: 4.68 ng

RT: 5.58 min Scan# 594

Delta R.T. 0.01 min

Lab File: BF110538.D

Acq: 7 Nov 2018 1:43

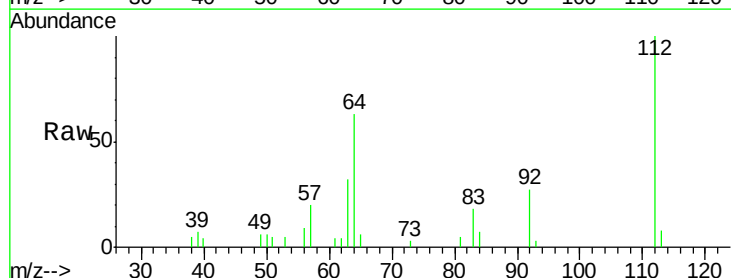
Tgt Ion:112 Resp: 17841

Ion Ratio Lower Upper

112 100

64 63.0 44.1 66.1

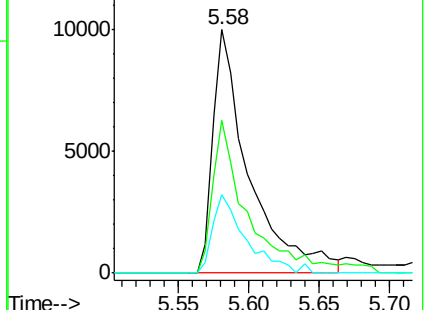
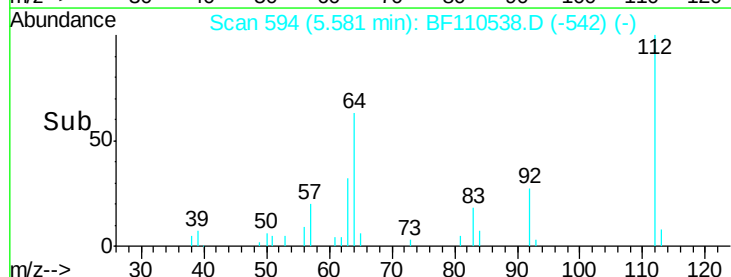
63 32.2 23.7 35.5

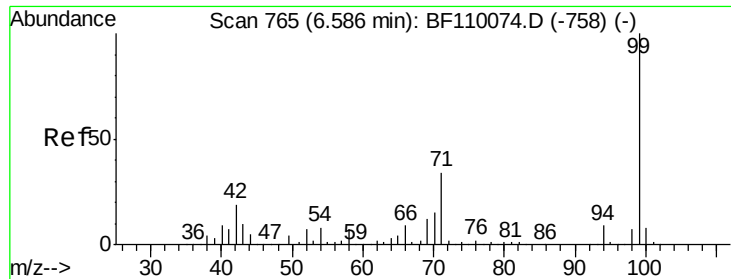


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 3.18 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110538.D

Acq: 7 Nov 2018 1:43

Instrument :

BNA_F

ClientSampleId :

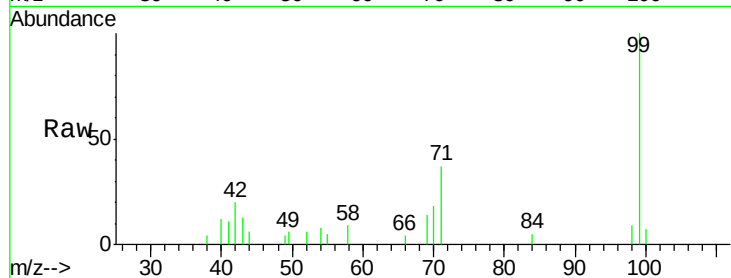
Tot Ion: 99 Resp: 15503

Ion Ratio Lower Upper

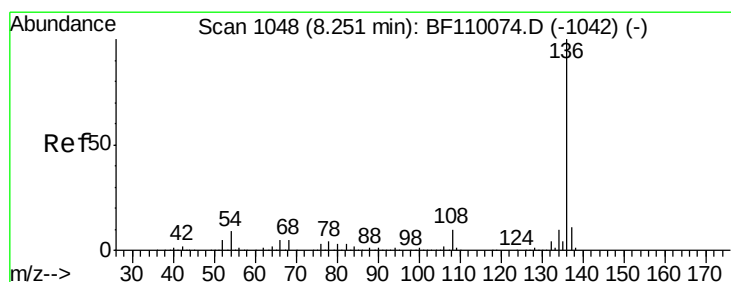
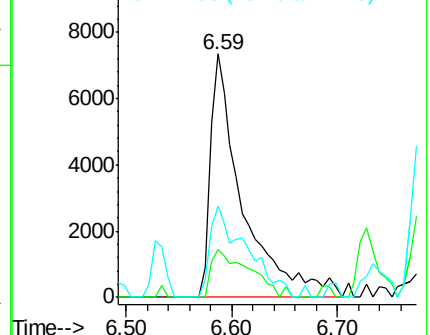
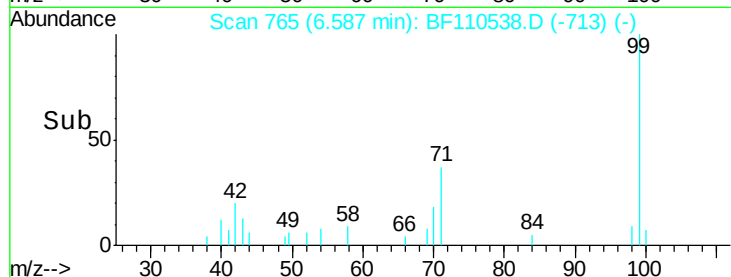
99 100

42 19.7 15.8 23.6

71 37.4 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: 20.00 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110538.D

Acq: 7 Nov 2018 1:43

Tgt Ion: 136 Resp: 237517

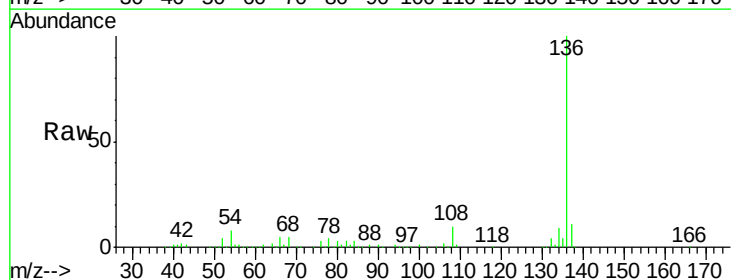
Ion Ratio Lower Upper

136 100

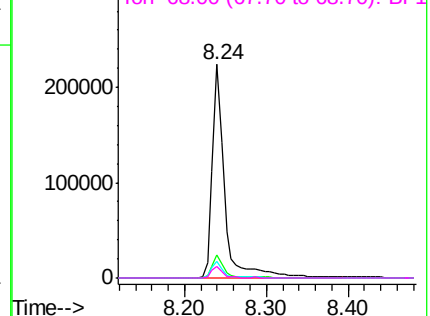
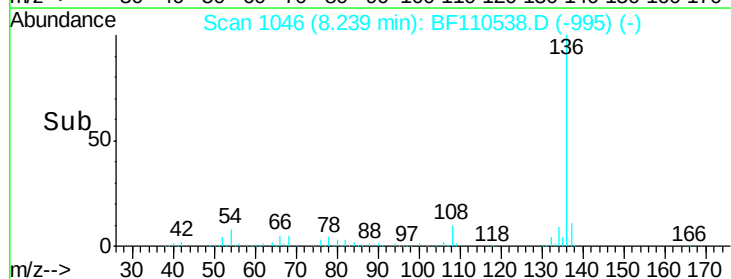
137 10.8 8.8 13.2

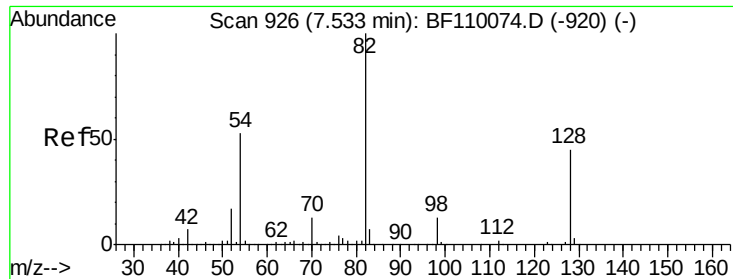
54 8.0 5.4 8.2

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

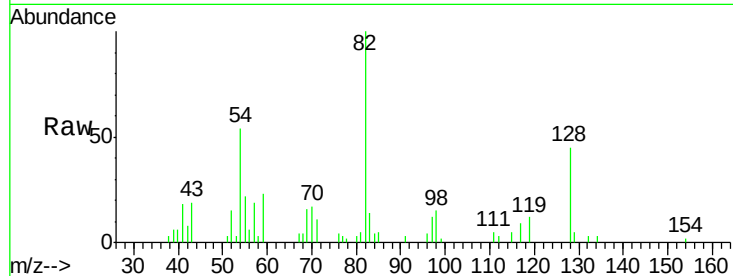




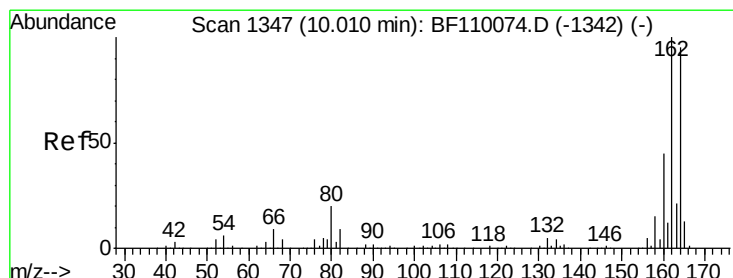
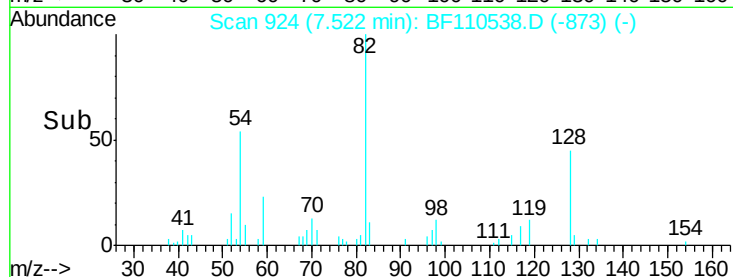
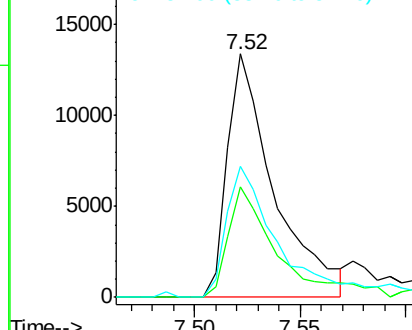
#23
Nitrobenzene-d5
Concen: 5.11 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110538.D
Acq: 7 Nov 2018 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 20471
Ion Ratio Lower Upper
82 100
128 45.1 34.2 51.2
54 53.9 38.6 58.0

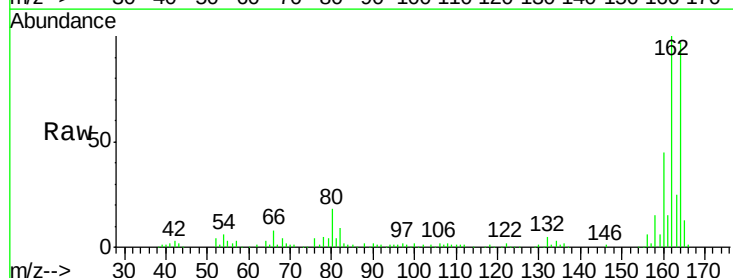


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

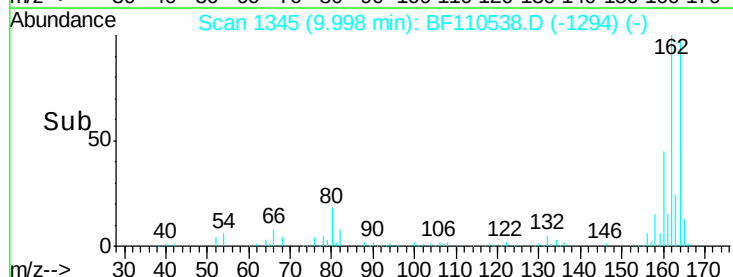
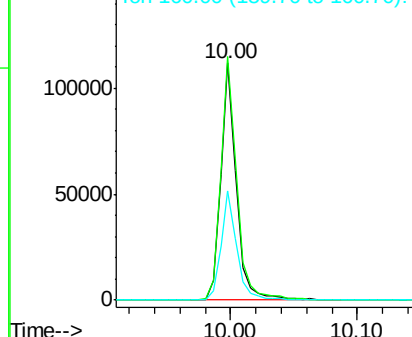


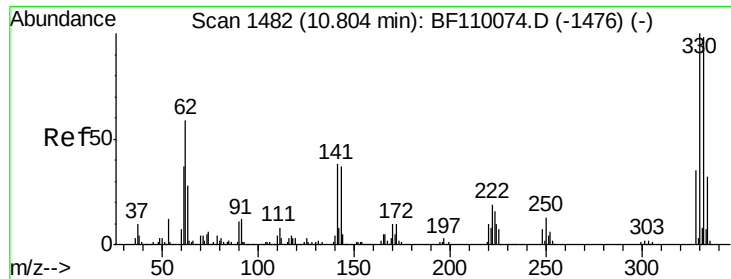
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110538.D
Acq: 7 Nov 2018 1:43

Tgt Ion:164 Resp: 97346
Ion Ratio Lower Upper
164 100
162 102.8 83.0 124.6
160 46.2 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

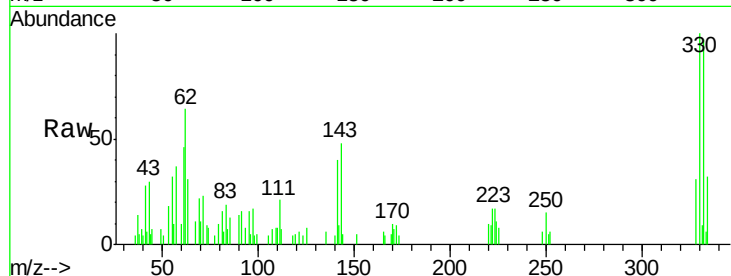




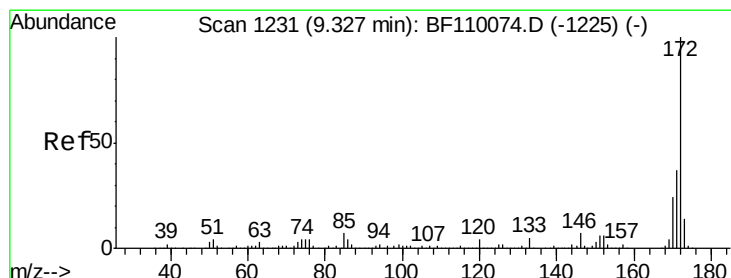
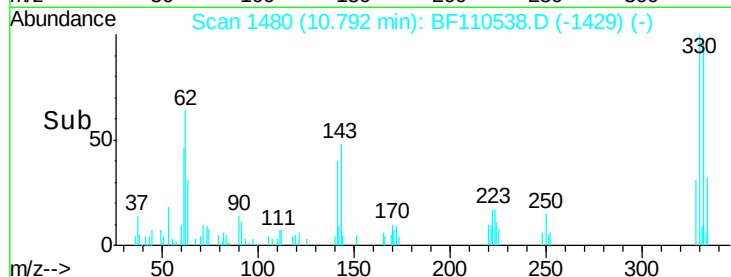
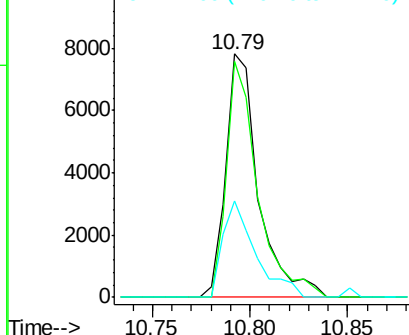
#42
 2,4,6-Tribromophenol
 Concen: 9.46 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110538.D
 Acq: 7 Nov 2018 1:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 9118
 Ion Ratio Lower Upper
 330 100
 332 92.3 77.1 115.7
 141 39.4 27.0 40.4

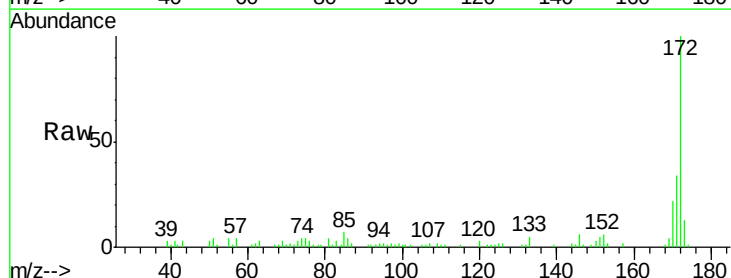


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

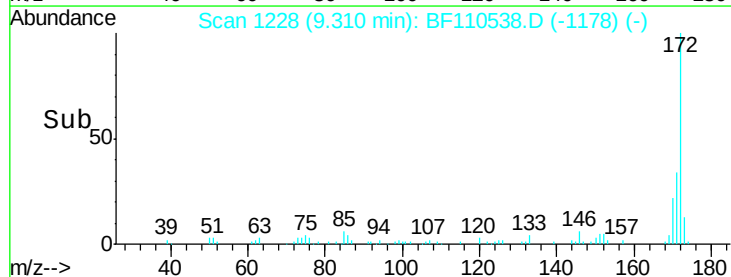
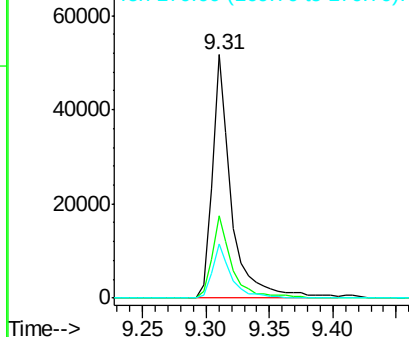


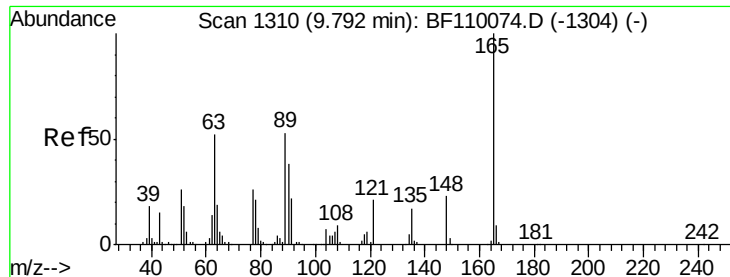
#45
 2-Fluorobiphenyl
 Concen: 8.83 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110538.D
 Acq: 7 Nov 2018 1:43

Tgt Ion:172 Resp: 54751
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.6 43.0
 170 22.4 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: 7.97 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110538.D

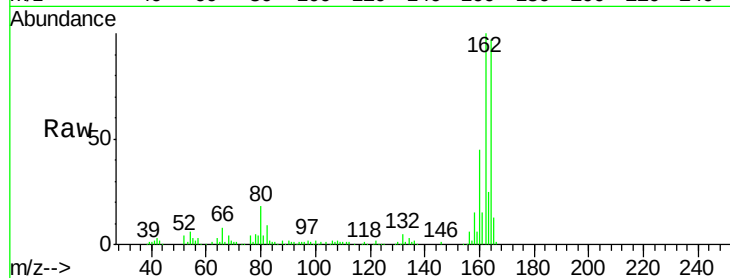
Acq: 7 Nov 2018 1:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	165	Resp:	12331
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.9	73.3#
89	2.6	46.6	69.8#

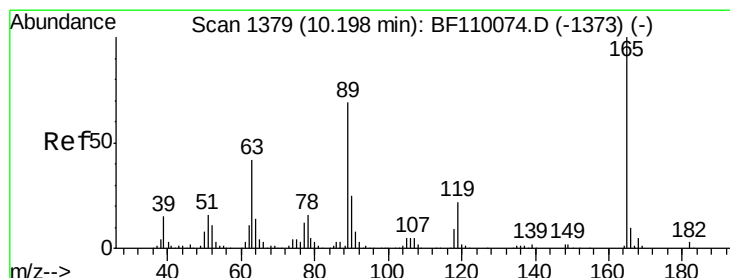
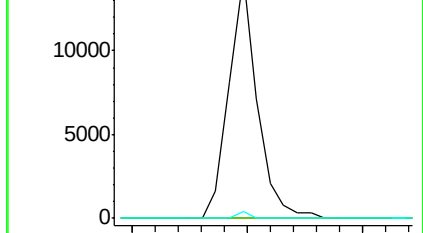
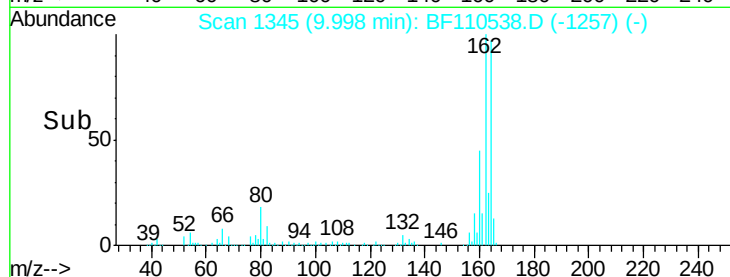


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#57

2,4-Dinitrotoluene

Concen: 6.27 ng

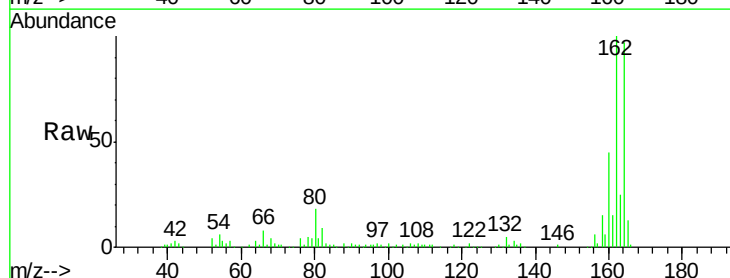
RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110538.D

Acq: 7 Nov 2018 1:43

Tgt Ion:	165	Resp:	12331
Ion Ratio	Lower	Upper	
165	100		
63	0.0	44.8	67.2#
89	2.6	62.2	93.4#
182	0.0	2.1	3.1#



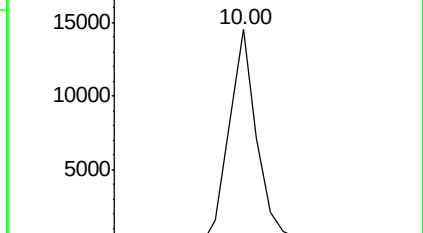
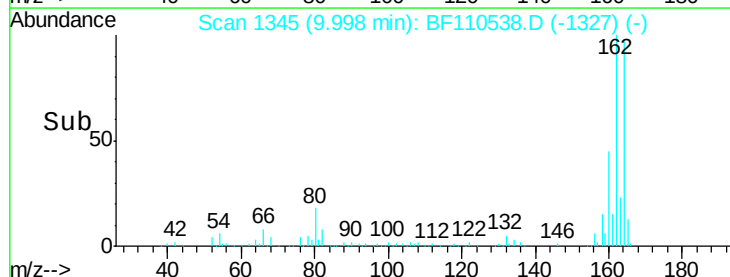
Abundance Ion 165.00 (164.70 to 165.70): E

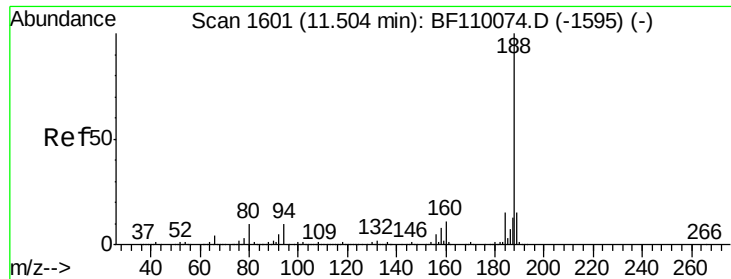
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time-->

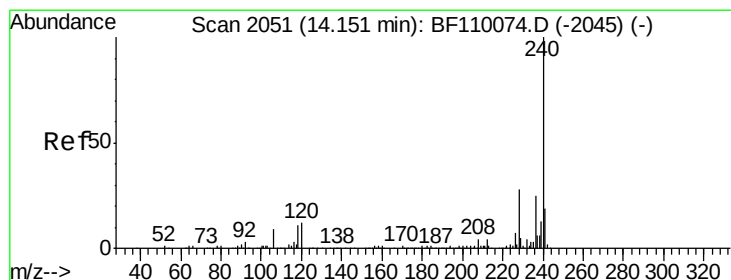
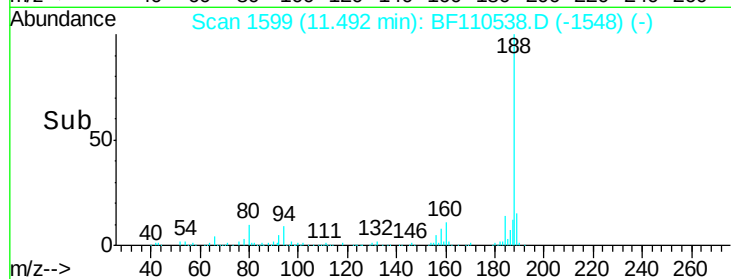
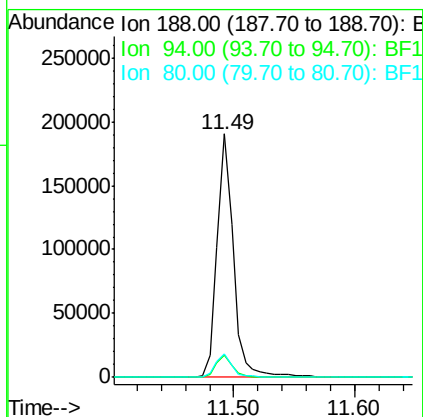
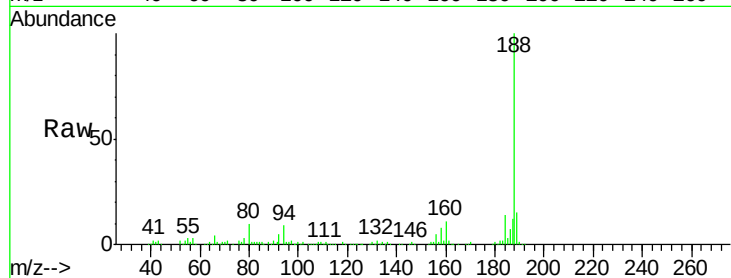




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110538.D
Acq: 7 Nov 2018 1:43

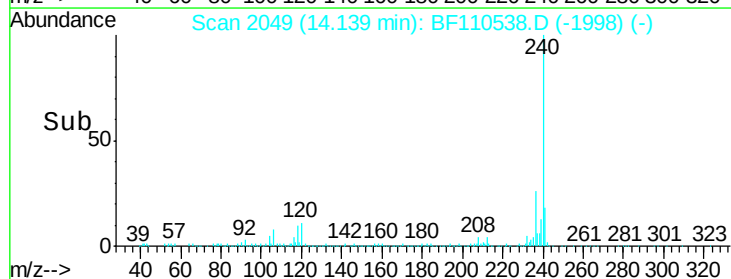
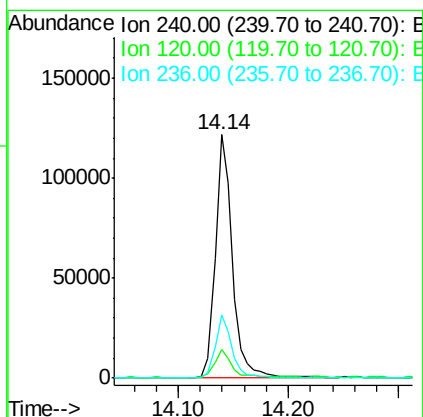
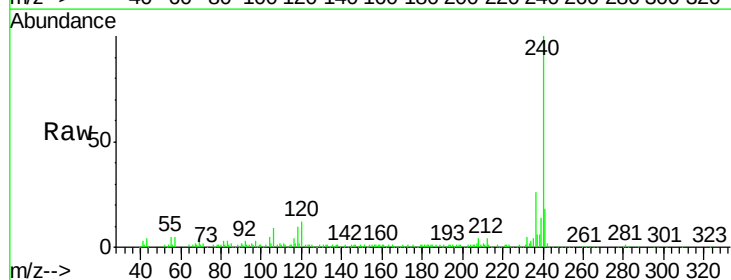
Instrument :
BNA_F
ClientSampled :

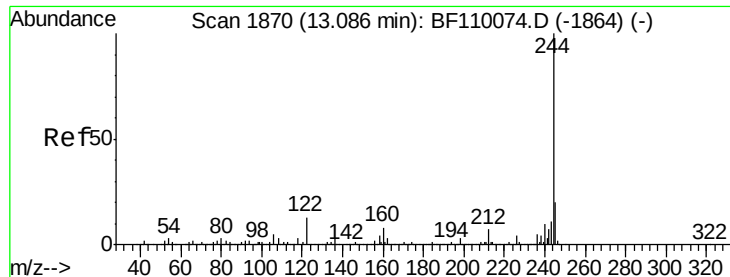
Tot Ion:188 Resp: 177167
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110538.D
Acq: 7 Nov 2018 1:43

Tgt Ion:240 Resp: 129904
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 25.7 21.2 31.8





#79

Terphenyl-d14

Concen: 8.40 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110538.D

Acq: 7 Nov 2018 1:43

Instrument :

BNA_F

ClientSampleId :

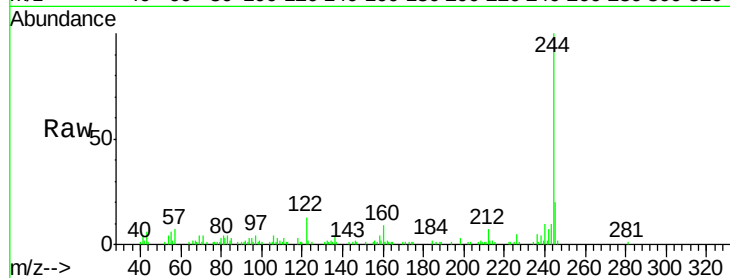
Tot Ion:244 Resp: 52446

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

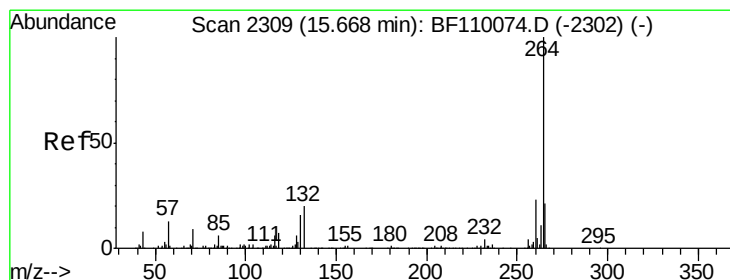
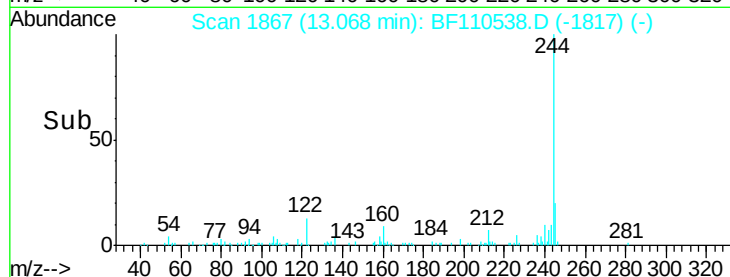
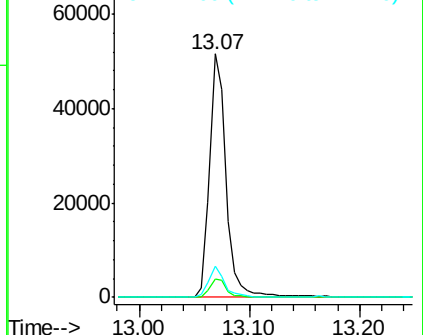
122 12.8 8.7 13.1



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: 20.00 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110538.D

Acq: 7 Nov 2018 1:43

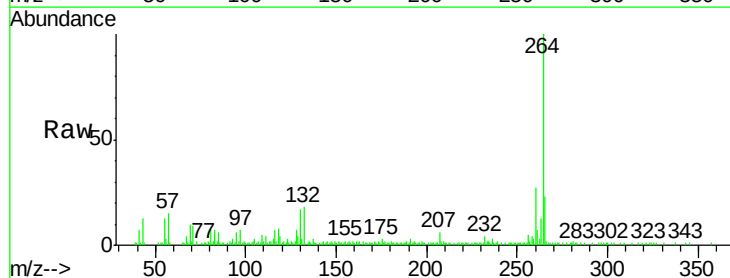
Tgt Ion:264 Resp: 93506

Ion Ratio Lower Upper

264 100

260 26.6 18.7 28.1

265 22.9 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

