

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110179.D
 Acq On : 25 Oct 2018 23:51
 Operator : JU/SJ
 Sample : J5610-09RE 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 06:39:25 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

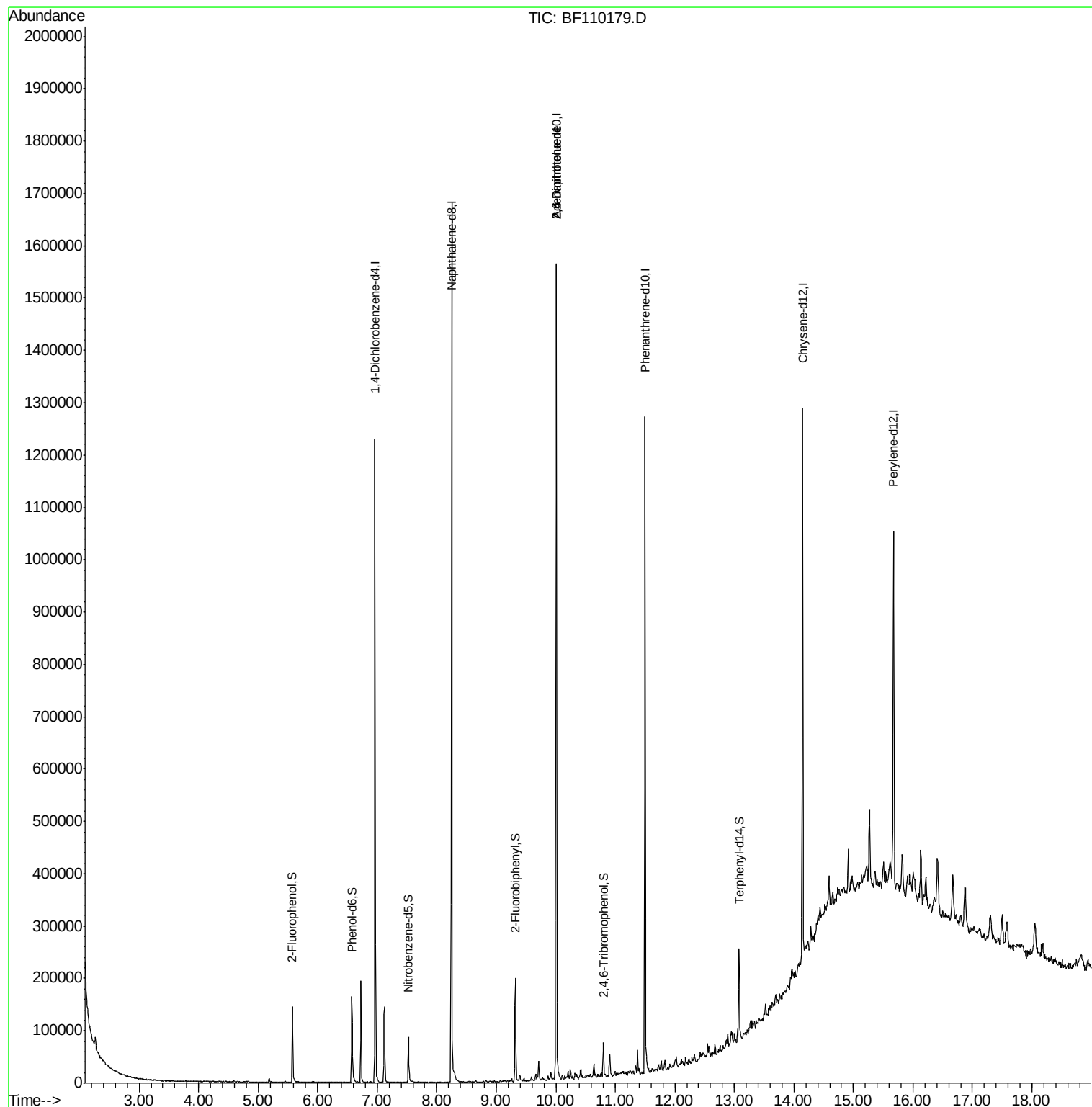
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	190756	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	744368	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	297739	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	476369	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	368091	20.00	ng	-0.02
87) Perylene-d12	15.67	264	262504	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	43320	3.70	ng	-0.02
7) Phenol-d6	6.57	99	55760	3.72	ng	-0.03
23) Nitrobenzene-d5	7.52	82	33928	2.70	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	7731	2.62	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	65287	3.44	ng	-0.02
79) Terphenyl-d14	13.08	244	50620	2.86	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.73	77	1201	Below Cal	Qvalue # 65	
51) 2,6-Dinitrotoluene	10.01	165	38479	8.128 ng	# 23	
57) 2,4-Dinitrotoluene	10.01	165	38480	6.399 ng	# 19	

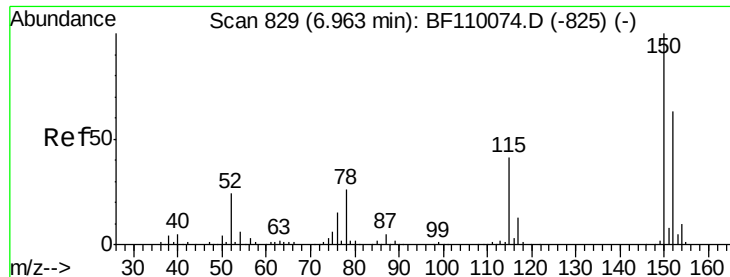
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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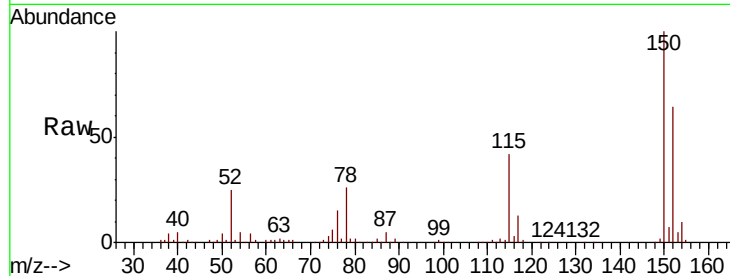


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110179.D
Acq: 25 Oct 2018 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.7	184.1
115	65.0	49.1	73.7

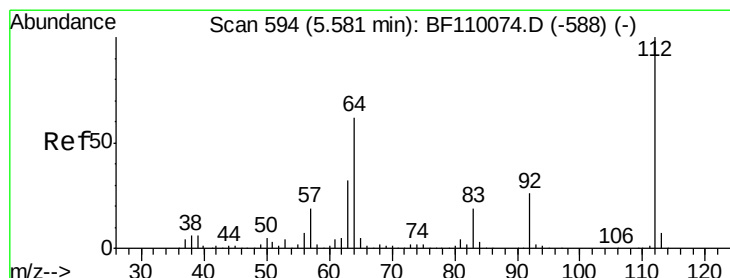
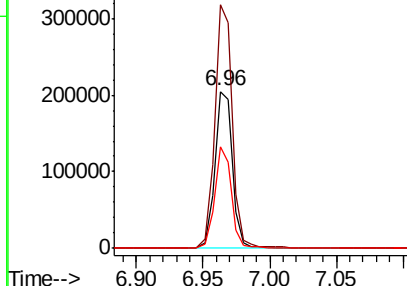
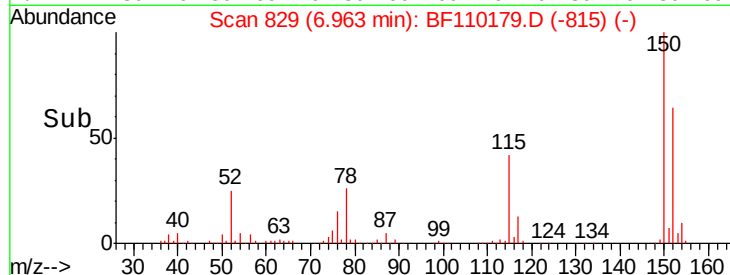


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

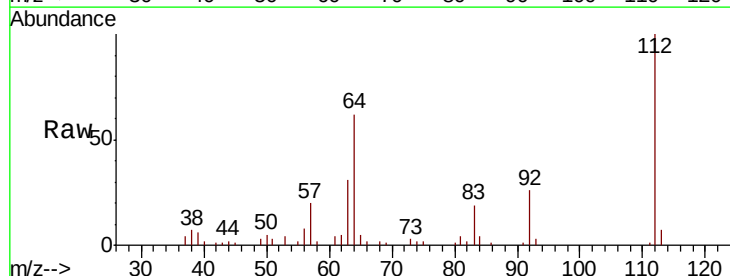
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 3.698 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF110179.D
Acq: 25 Oct 2018 23:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.1	66.1
63	31.2	23.7	35.5

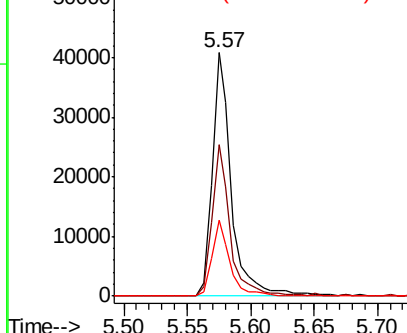
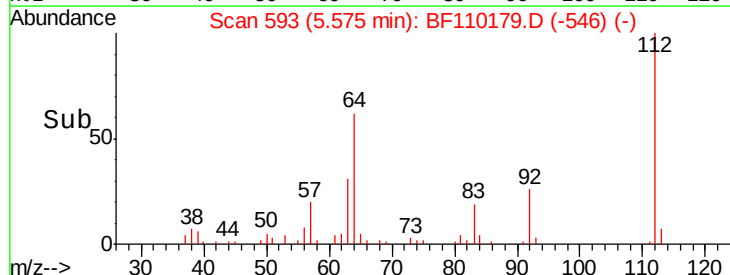


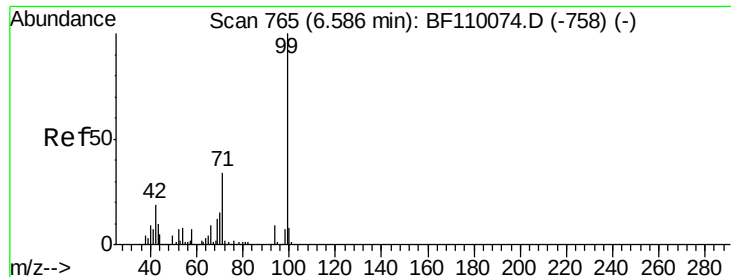
Abundance

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: 3.722 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF110179.D

Acq: 25 Oct 2018 23:51

Instrument :

BNA_F

ClientSampleId :

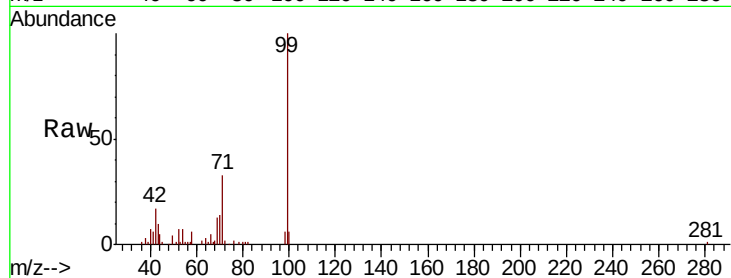
Tot Ion: 99 Resp: 55760

Ion Ratio Lower Upper

99 100

42 17.1 15.8 23.6

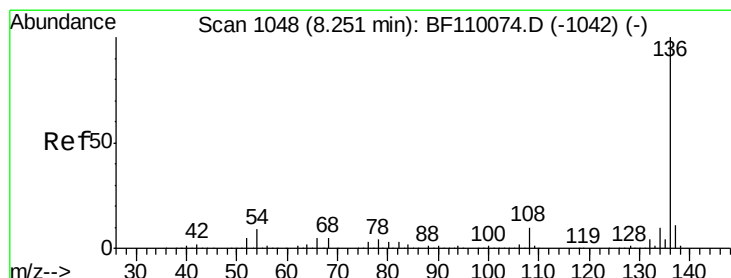
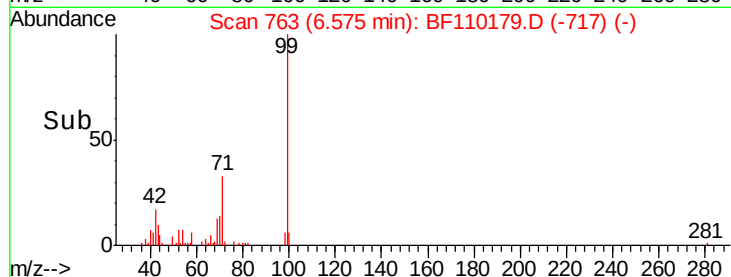
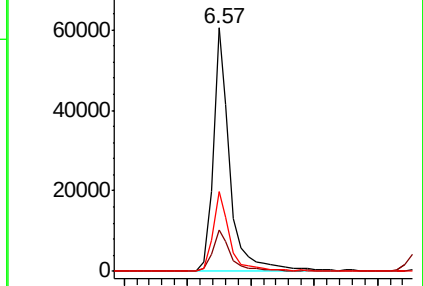
71 32.6 28.0 42.0



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: BF110179.D

Acq: 25 Oct 2018 23:51

Tgt Ion: 136 Resp: 744368

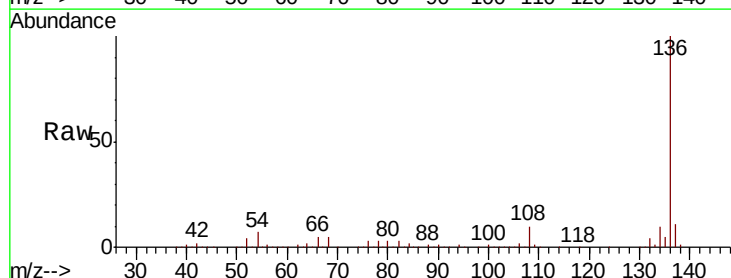
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.5 5.4 8.2

68 5.2 4.2 6.2

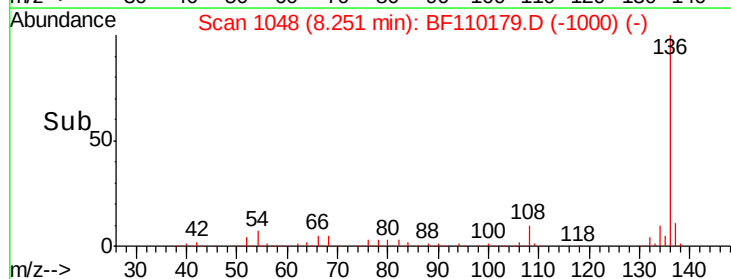
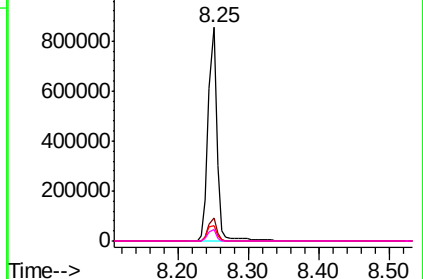


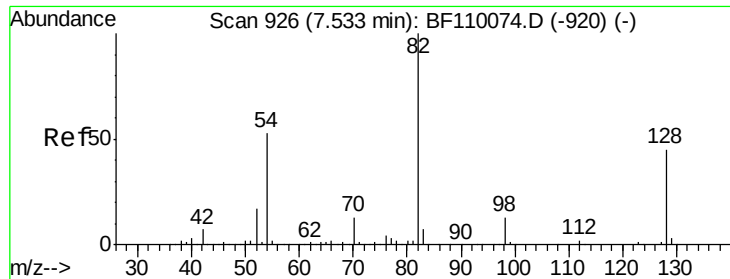
Abundance Ion 136.00 (135.70 to 136.70): E

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

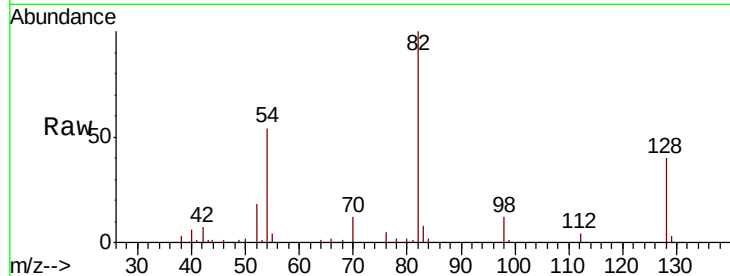




#23
Nitrobenzene-d5
Concen: 2.703 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF110179.D
Acq: 25 Oct 2018 23:51

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	33928
Ion Ratio	Lower	Upper	
82	100		
128	40.0	34.2	51.2
54	54.1	38.6	58.0

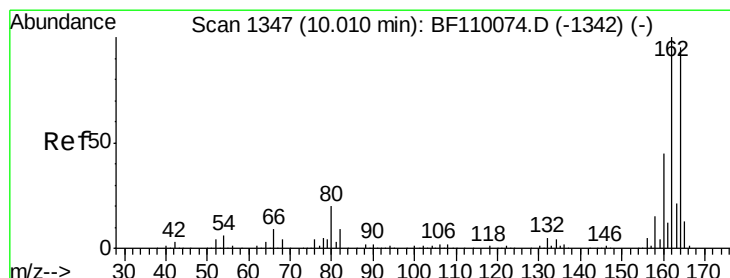
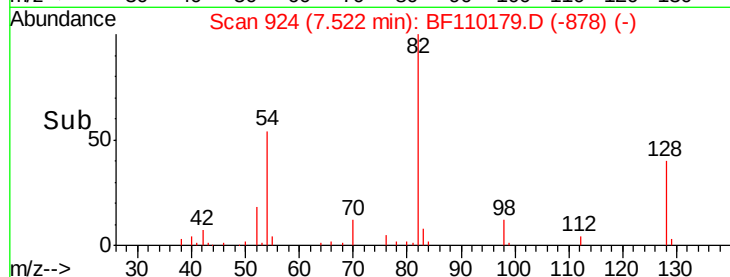
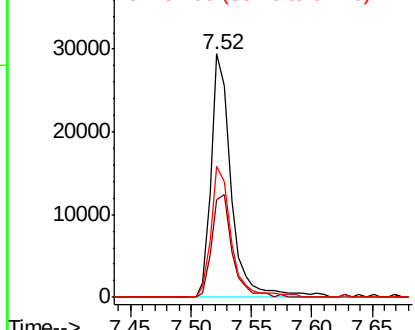


Abundance

Ion 82.00 (81.70 to 82.70): BF1

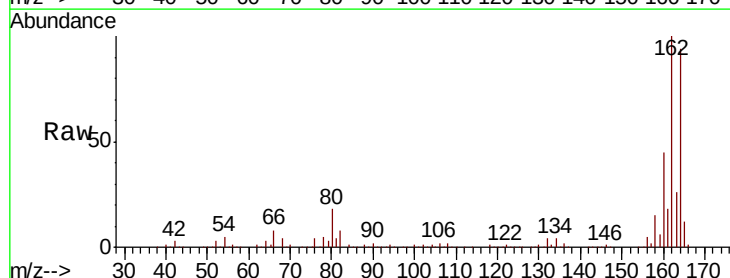
Ion 128.00 (127.70 to 128.70): E

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: BF110179.D
Acq: 25 Oct 2018 23:51

Tgt Ion	164	Resp	297739
Ion Ratio	Lower	Upper	
164	100		
162	106.3	83.0	124.6
160	48.2	37.0	55.6

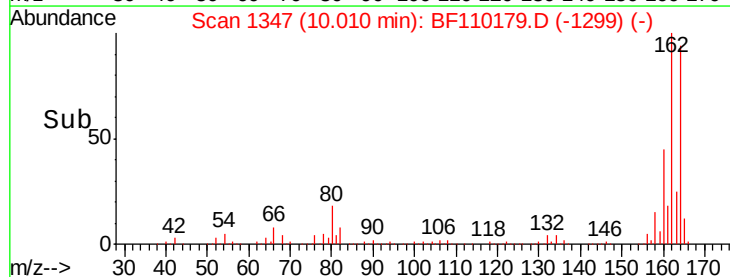
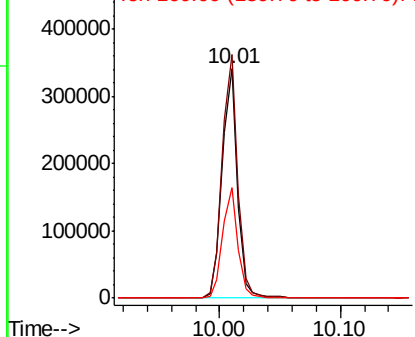


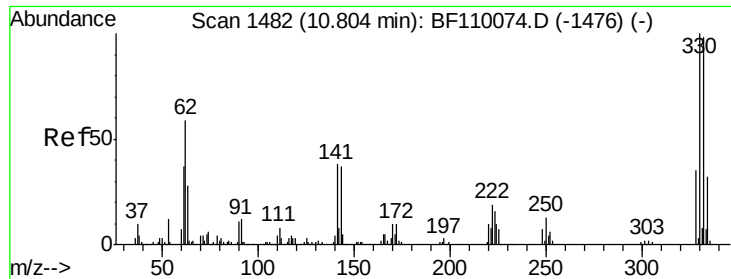
Abundance

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

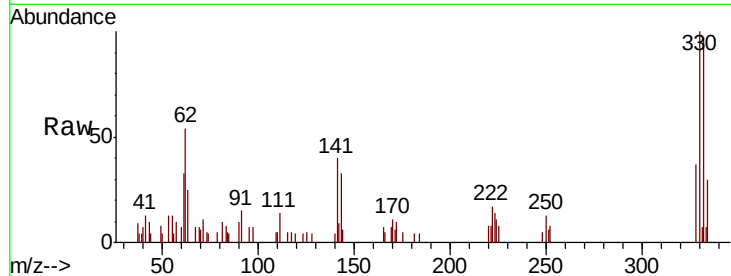




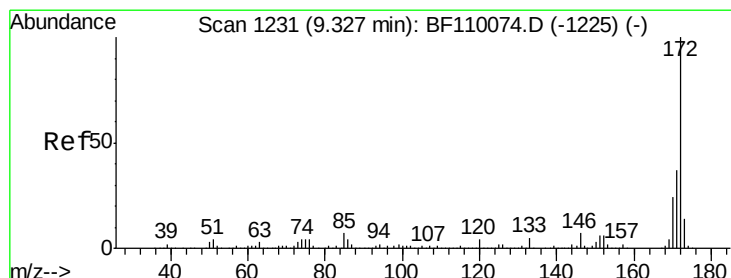
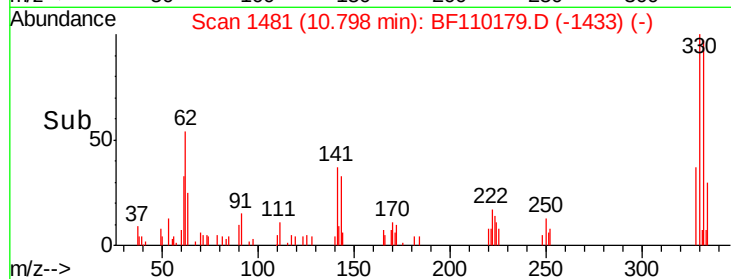
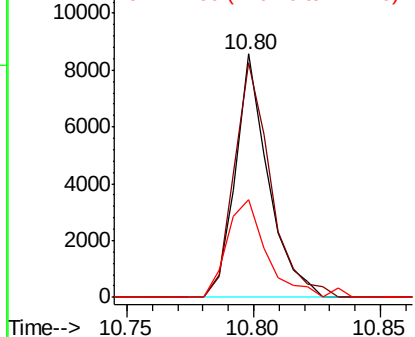
#42
 2,4,6-Tribromophenol
 Concen: 2.621 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110179.D
 Acq: 25 Oct 2018 23:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 7731
 Ion Ratio Lower Upper
 330 100
 332 106.5 77.1 115.7
 141 49.5 27.0 40.4#

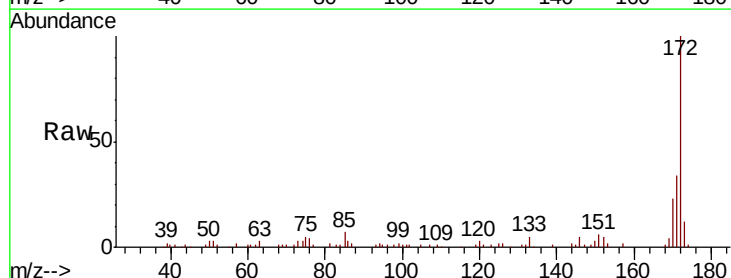


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

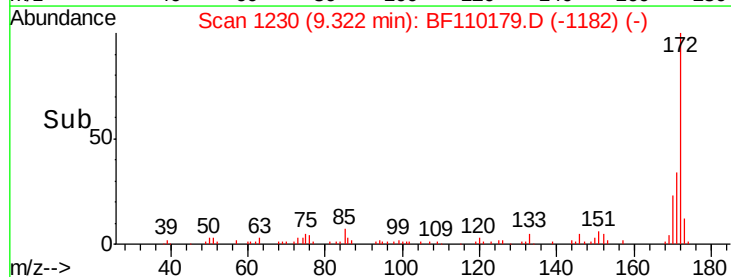
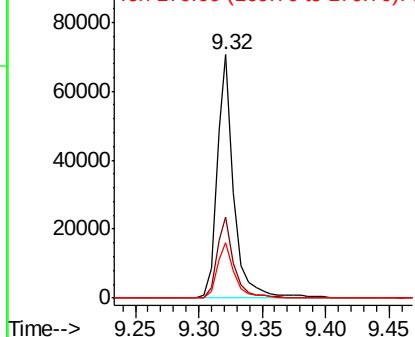


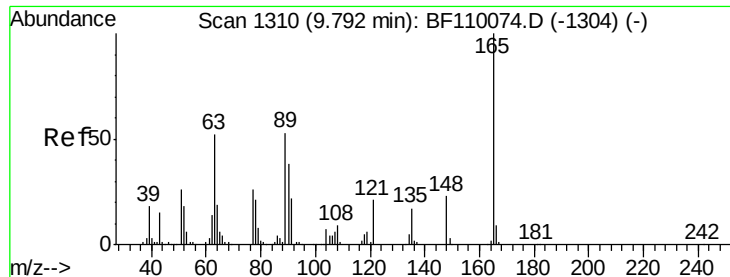
#45
 2-Fluorobiphenyl
 Concen: 3.443 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110179.D
 Acq: 25 Oct 2018 23:51

Tgt Ion:172 Resp: 65287
 Ion Ratio Lower Upper
 172 100
 171 33.5 28.6 43.0
 170 22.8 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: 8.128 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110179.D

Acq: 25 Oct 2018 23:51

Instrument :

BNA_F

ClientSampled :

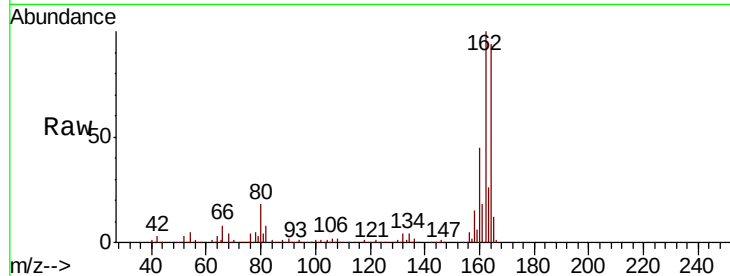
Tot Ion:165 Resp: 38479

Ion Ratio Lower Upper

165 100

63 1.9 48.9 73.3#

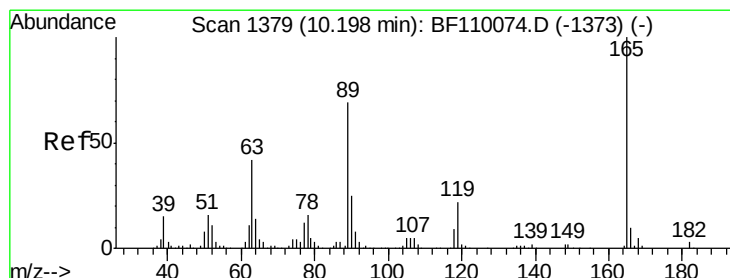
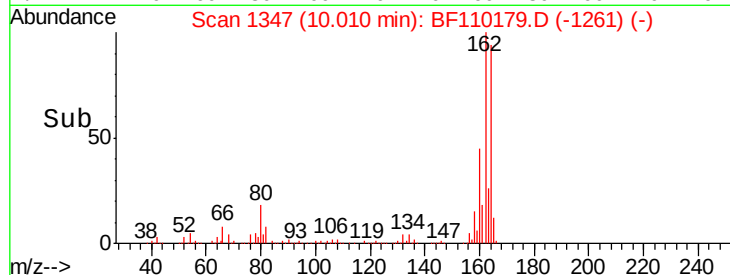
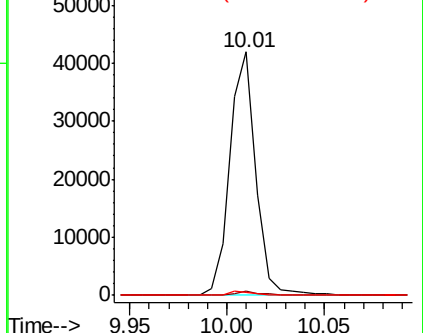
89 1.4 46.6 69.8#



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



#57

2,4-Dinitrotoluene

Concen: 6.399 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110179.D

Acq: 25 Oct 2018 23:51

Tgt Ion:165 Resp: 38480

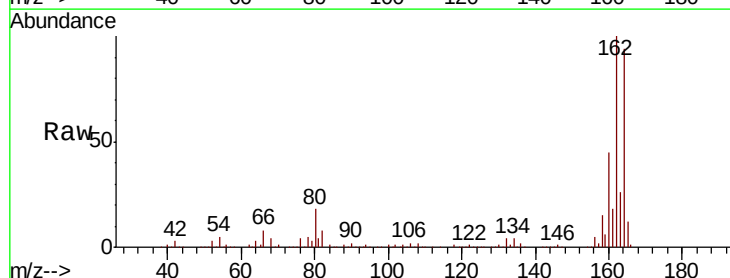
Ion Ratio Lower Upper

165 100

63 1.9 44.8 67.2#

89 1.4 62.2 93.4#

182 0.0 2.1 3.1#

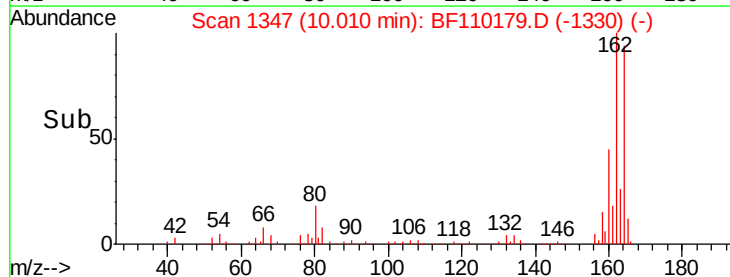
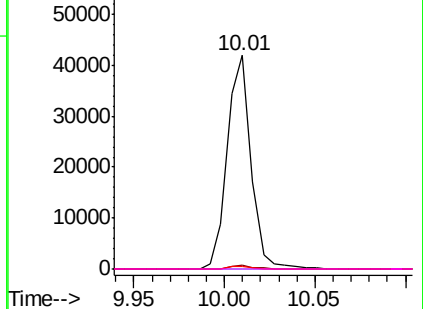


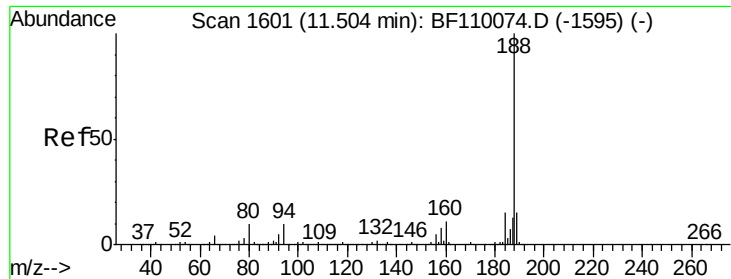
Abundance Ion 165.00 (164.70 to 165.70): E

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

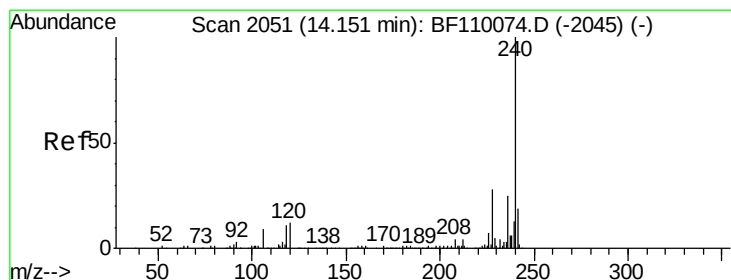
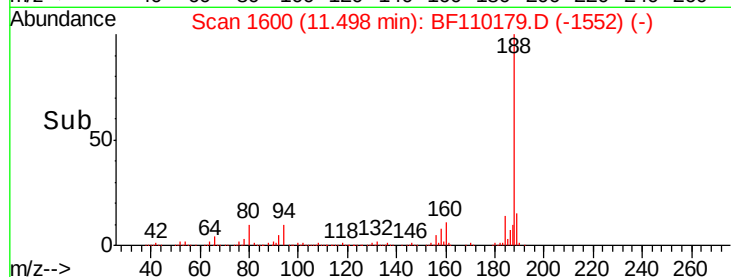
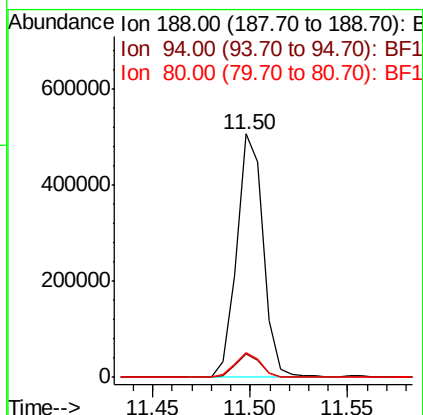
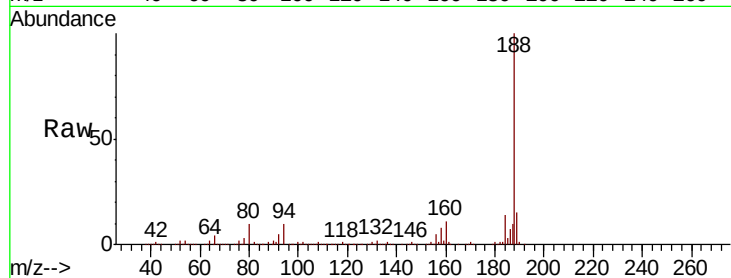




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110179.D
Acq: 25 Oct 2018 23:51

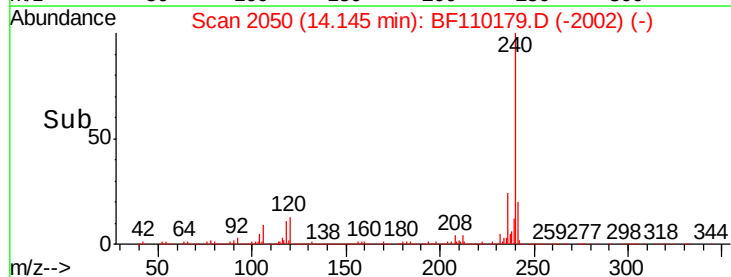
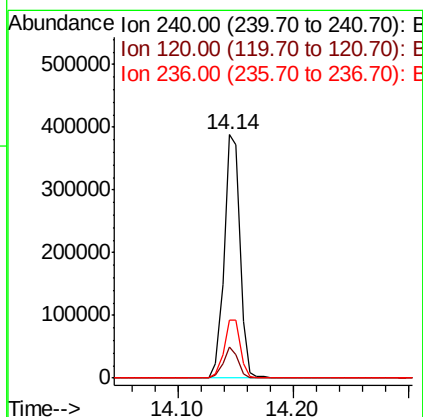
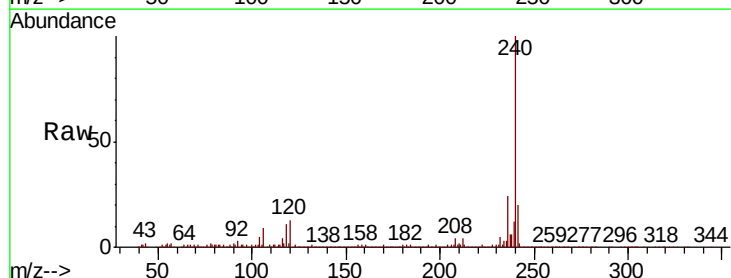
Instrument :
BNA_F
ClientSampleId :

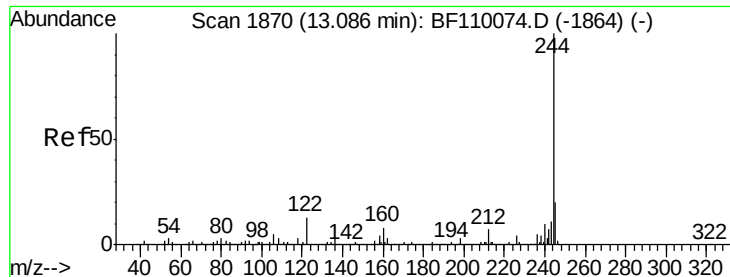
Tot Ion:188 Resp: 476369
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110179.D
Acq: 25 Oct 2018 23:51

Tgt Ion:240 Resp: 368091
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 24.0 21.2 31.8





#79

Terphenyl-d14

Concen: 2.860 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BF110179.D

Acq: 25 Oct 2018 23:51

Instrument :

BNA_F

ClientSampleId :

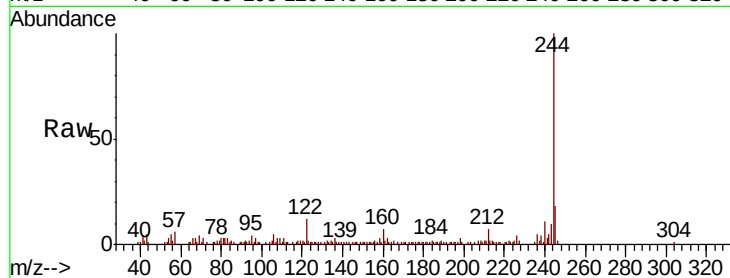
Tot Ion:244 Resp: 50620

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

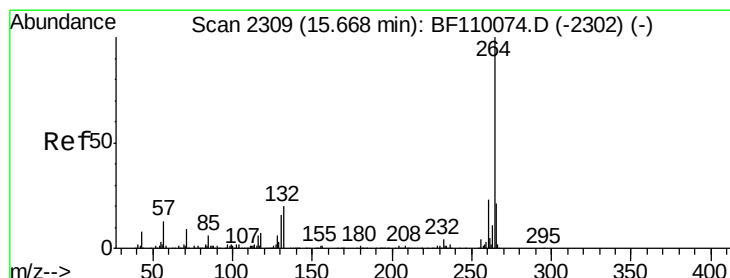
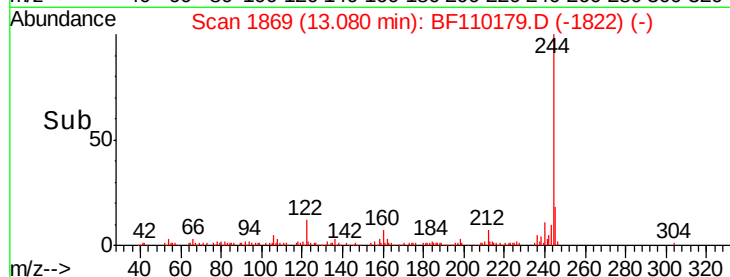
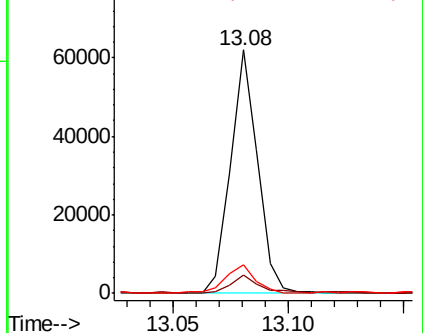
122 11.7 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110179.D

Acq: 25 Oct 2018 23:51

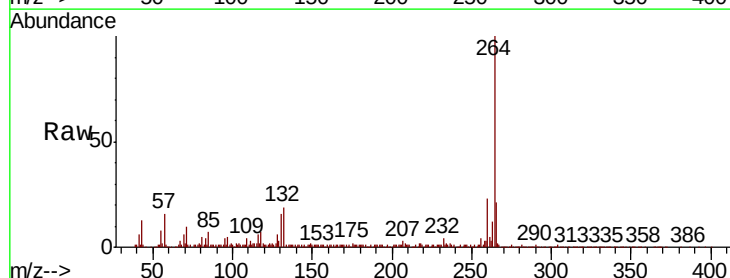
Tgt Ion:264 Resp: 262504

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.3 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

