

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111026.D
 Acq On : 27 Nov 2018 23:46
 Operator : JU/SJ
 Sample : J6030-02DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03DL

Quant Time: Nov 28 03:40:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

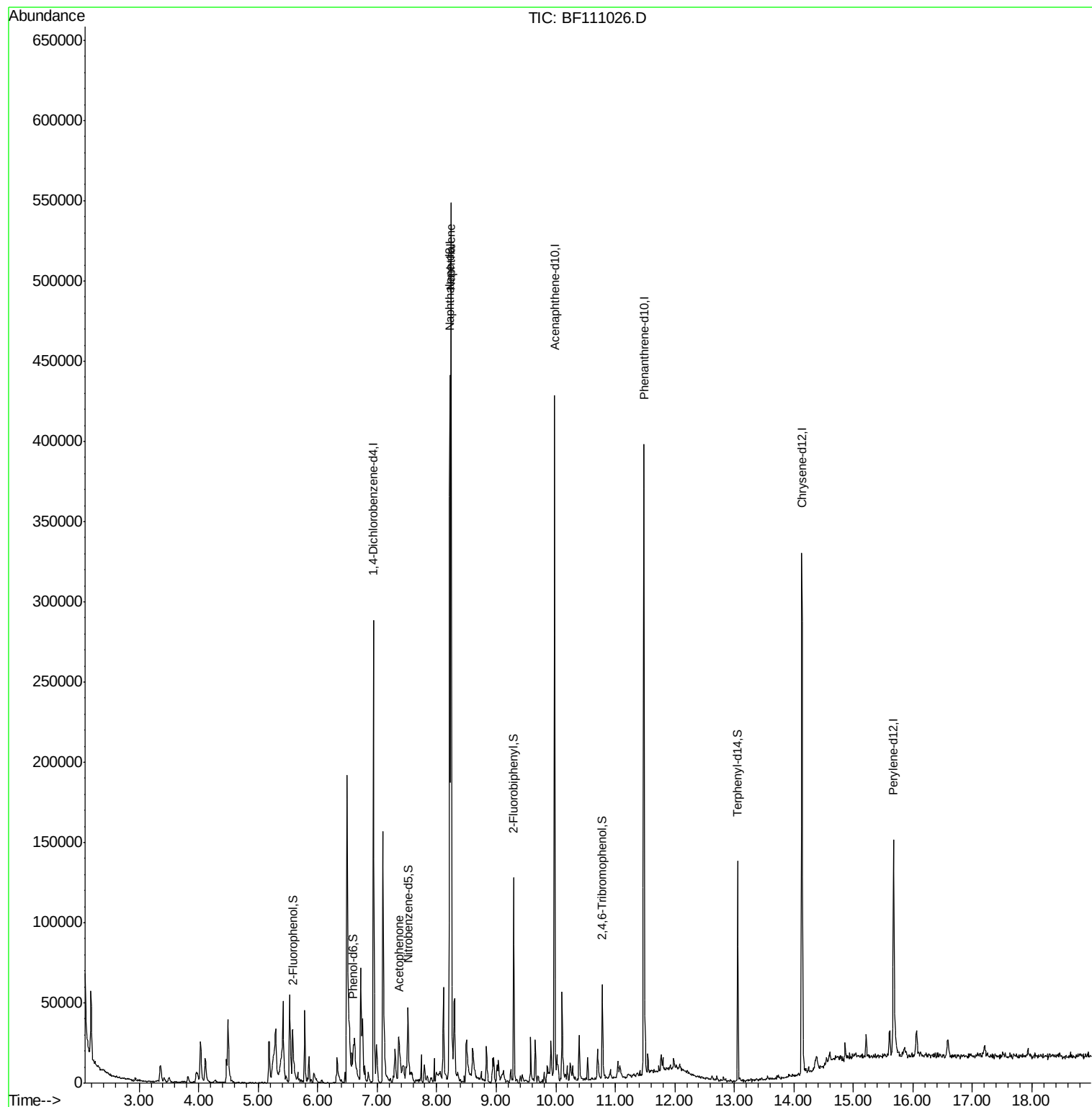
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	52892	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	197034	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	83592	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	159759	20.00	ng	0.00
76) Chrysene-d12	14.13	240	129059	20.00	ng	0.00
87) Perylene-d12	15.67	264	82037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	20346	6.38	ng	0.03
7) Phenol-d6	6.60	99	17764	4.27	ng	0.03
23) Nitrobenzene-d5	7.52	82	23365	6.79	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	7671	9.24	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	41802	7.24	ng	0.00
79) Terphenyl-d14	13.06	244	47773	7.21	ng	0.00
Target Compounds						
22) Acetophenone	7.36	105	15757	3.412	ng	Qvalue # 97
31) Naphthalene	8.24	128	261229	28.284	ng	100

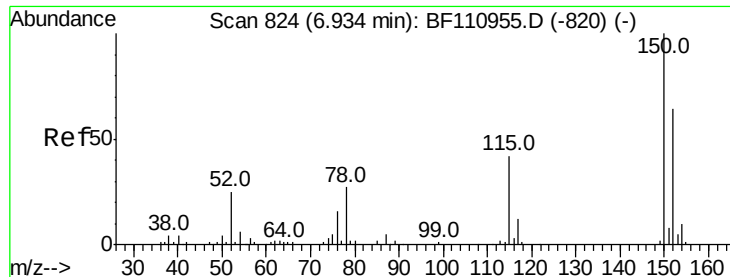
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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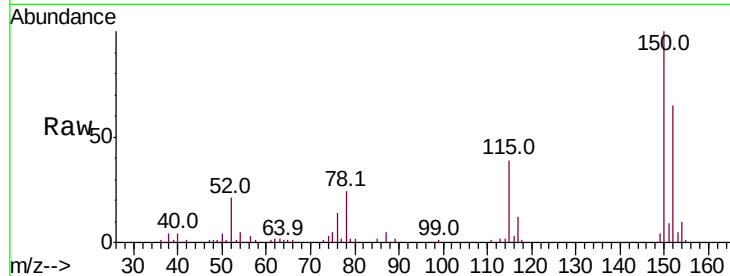


#1

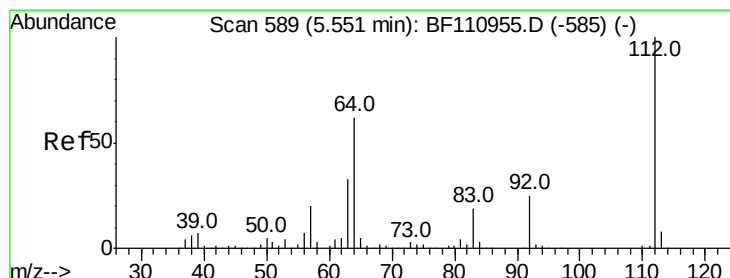
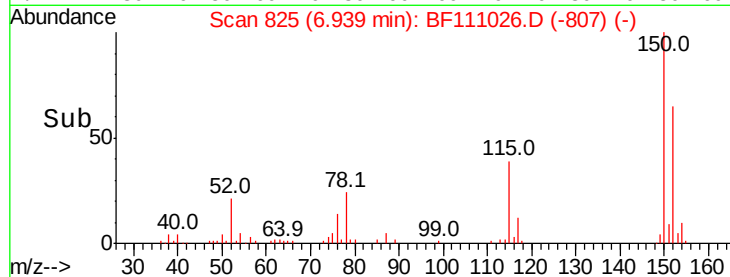
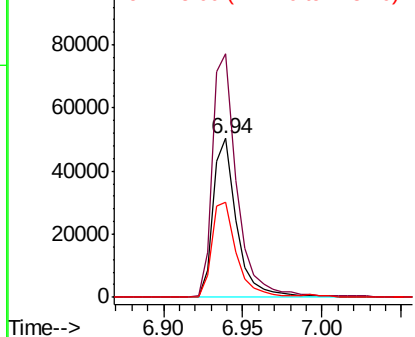
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :
DTW-03DL

Tot Ion:152 Resp: 52892
Ion Ratio Lower Upper
152 100
150 153.4 122.7 184.1
115 60.3 49.1 73.7



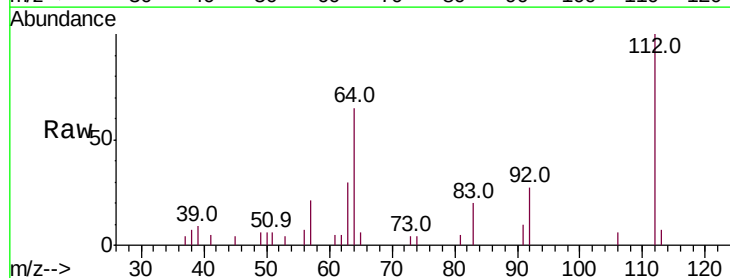
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



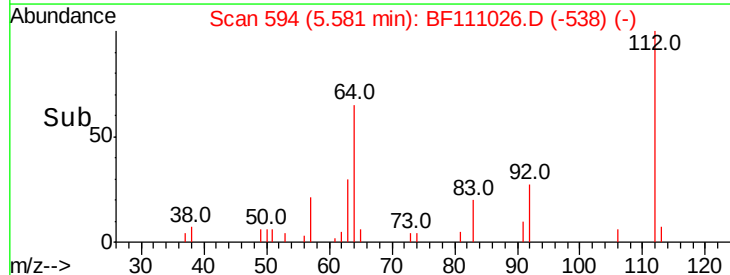
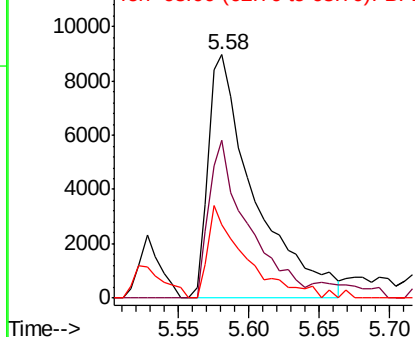
#5

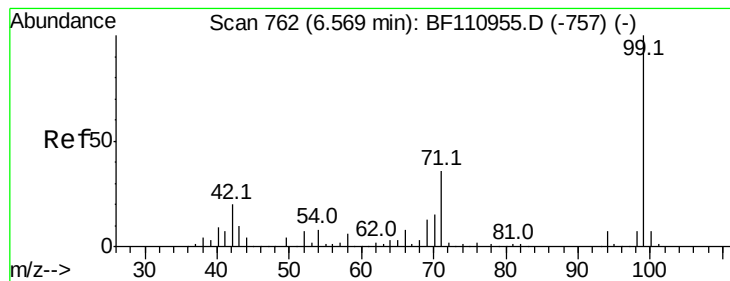
2-Fluorophenol
Concen: 6.379 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.03 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion:112 Resp: 20346
Ion Ratio Lower Upper
112 100
64 64.9 44.1 66.1
63 30.3 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: 4.274 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.03 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

Instrument :

BNA_F

ClientSampleId :

DTW-03DL

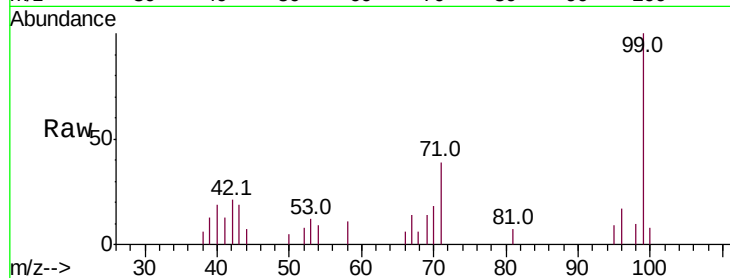
Tot Ion: 99 Resp: 17764

Ion Ratio Lower Upper

99 100

42 21.4 15.8 23.6

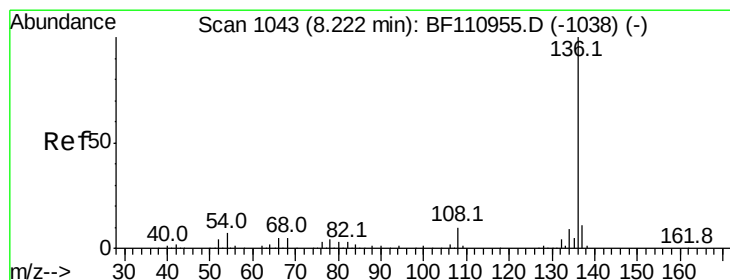
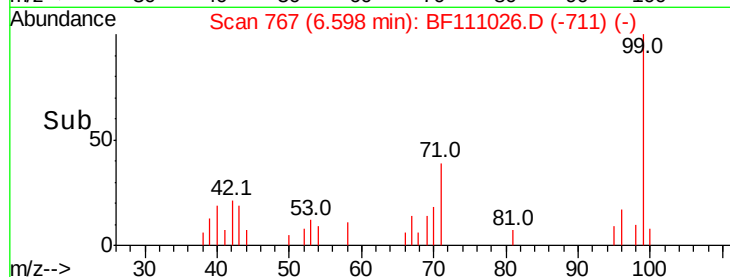
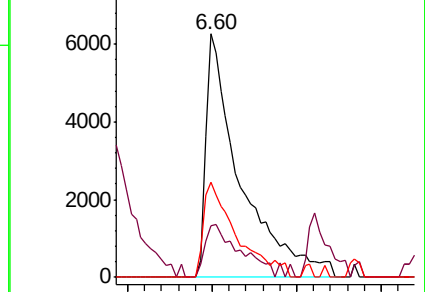
71 38.9 28.0 42.0



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: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

Tgt Ion: 136 Resp: 197034

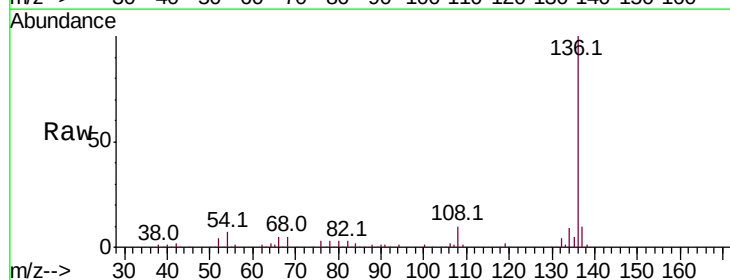
Ion Ratio Lower Upper

136 100

137 10.1 8.8 13.2

54 7.3 5.4 8.2

68 4.7 4.2 6.2

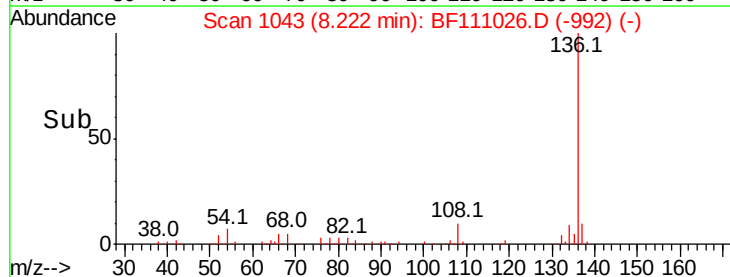
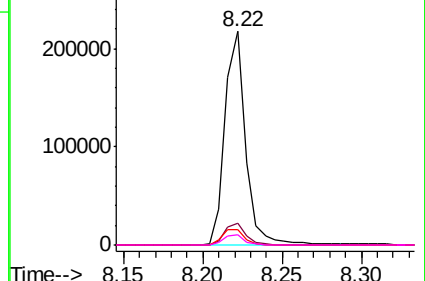


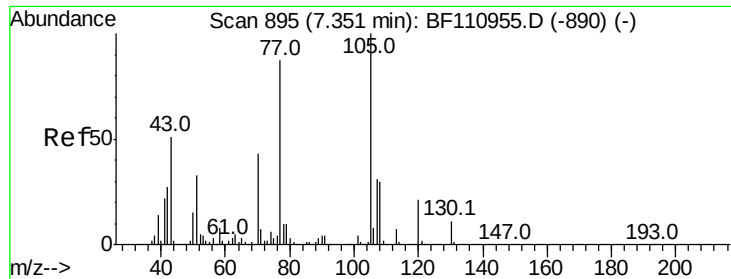
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 3.412 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

Instrument :

BNA_F

ClientSampleId :

DTW-03DL

Tot Ion:105 Resp: 15757

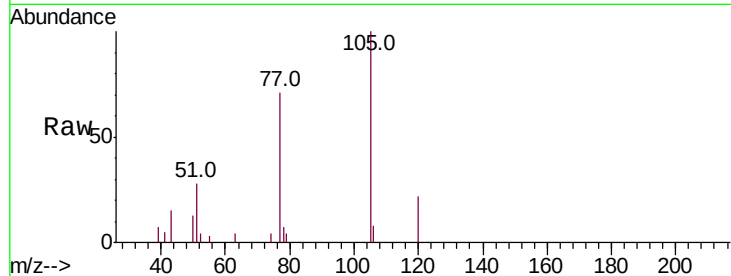
Ion Ratio Lower Upper

105 100

71 0.0 5.2 7.8#

51 27.7 21.8 32.8

120 21.9 17.0 25.4

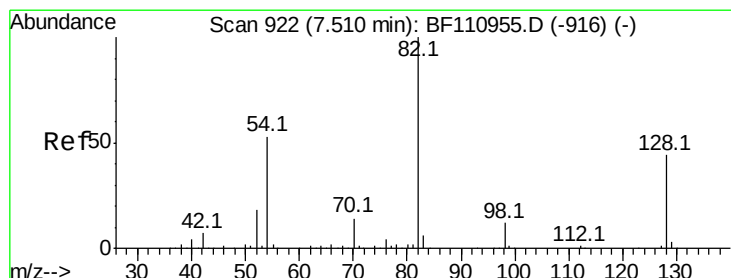
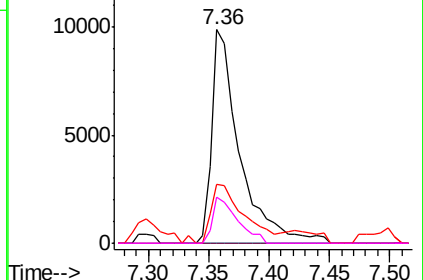
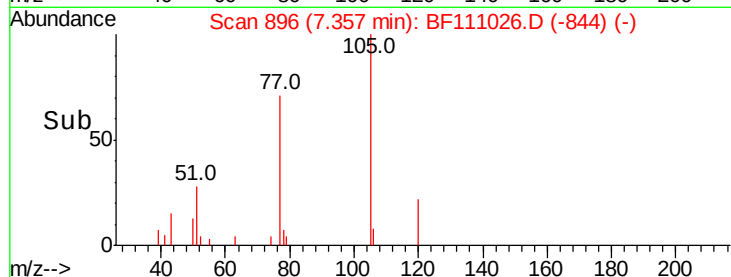


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 6.787 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

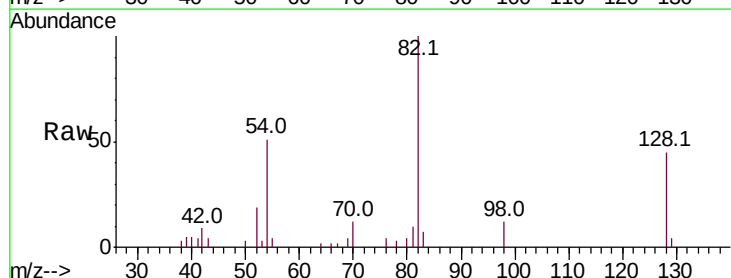
Tgt Ion: 82 Resp: 23365

Ion Ratio Lower Upper

82 100

128 45.2 34.2 51.2

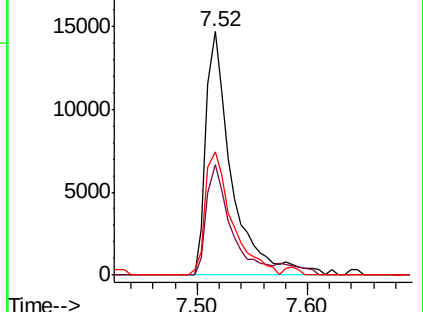
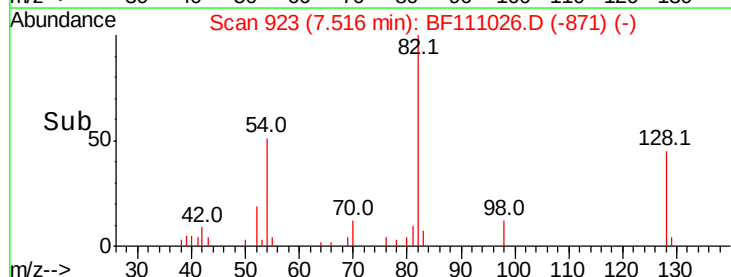
54 50.9 38.6 58.0

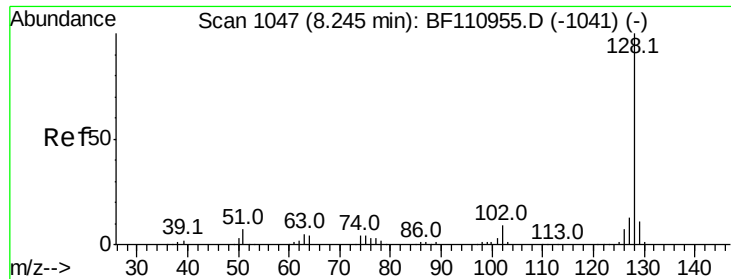


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 28.284 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

Instrument :

BNA_F

ClientSampleId :

DTW-03DL

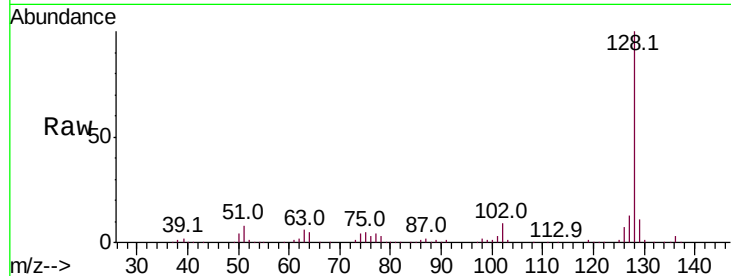
Tot Ion:128 Resp: 261229

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

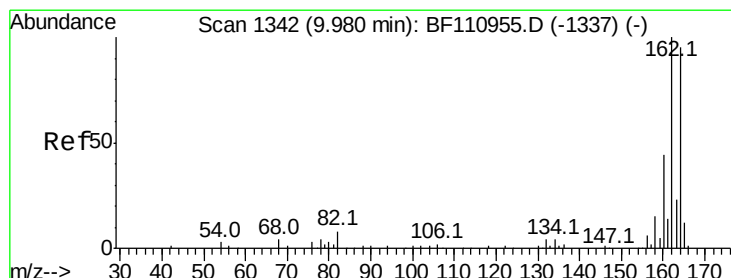
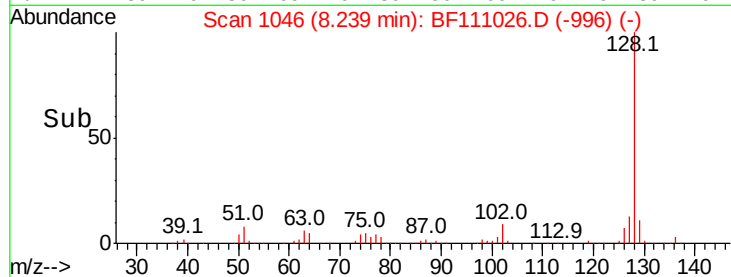
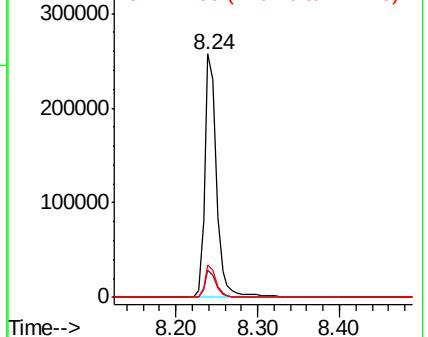
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

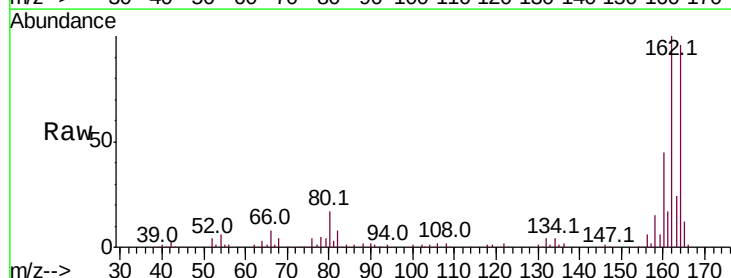
Tgt Ion:164 Resp: 83592

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.6

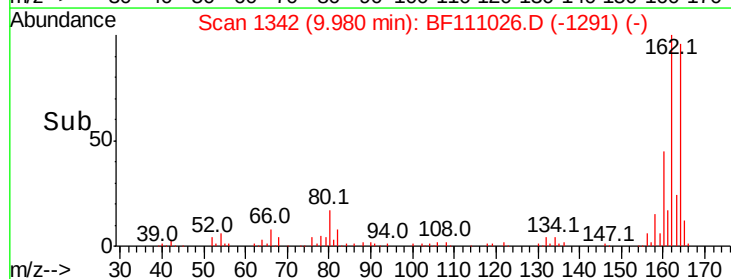
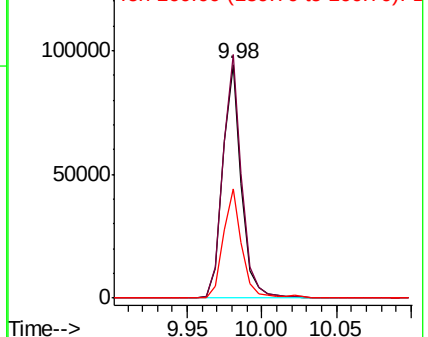
160 46.8 37.0 55.6

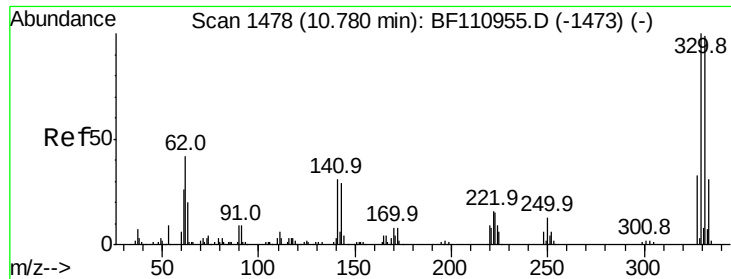


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

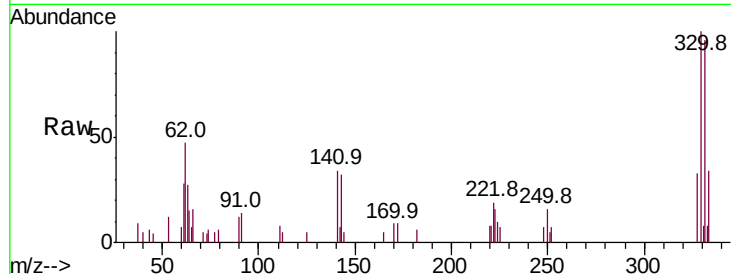




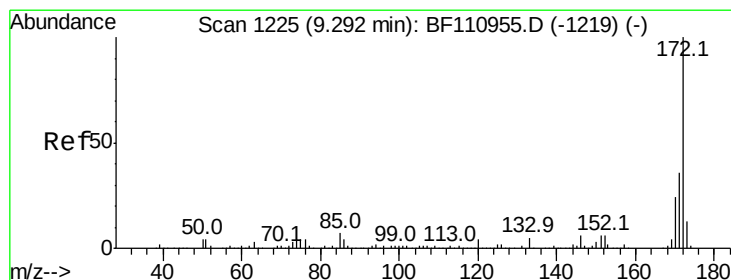
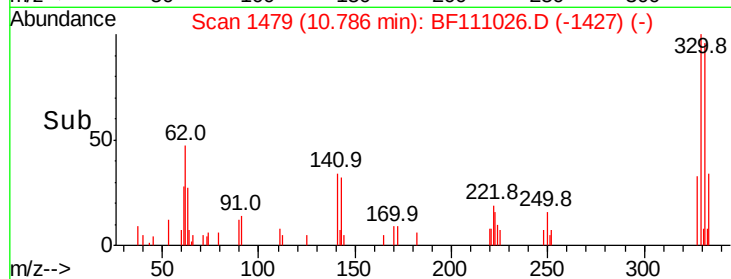
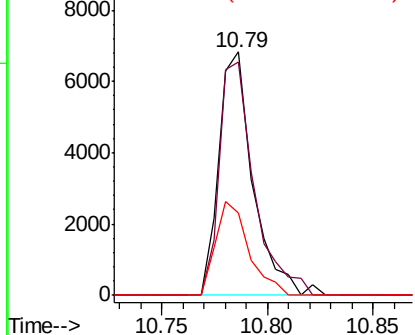
#42
 2,4,6-Tribromophenol
 Concen: 9.240 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.01 min
 Lab File: BF111026.D
 Acq: 27 Nov 2018 23:46

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03DL

Tot Ion:330 Resp: 7671
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.1 115.7
 141 37.5 27.0 40.4

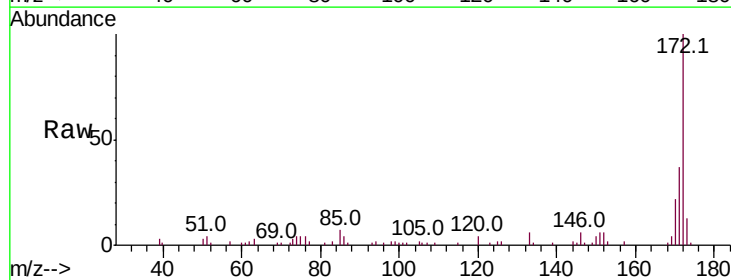


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

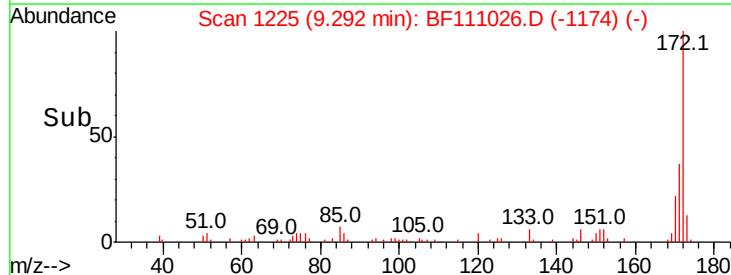
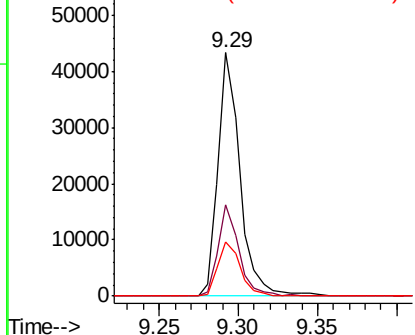


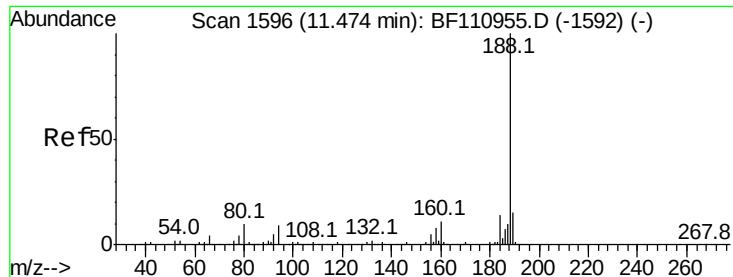
#45
 2-Fluorobiphenyl
 Concen: 7.245 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111026.D
 Acq: 27 Nov 2018 23:46

Tgt Ion:172 Resp: 41802
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.6 43.0
 170 22.1 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

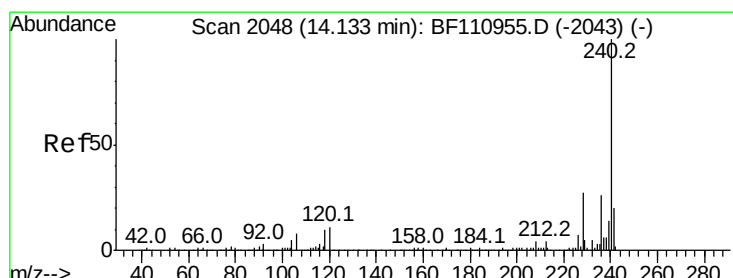
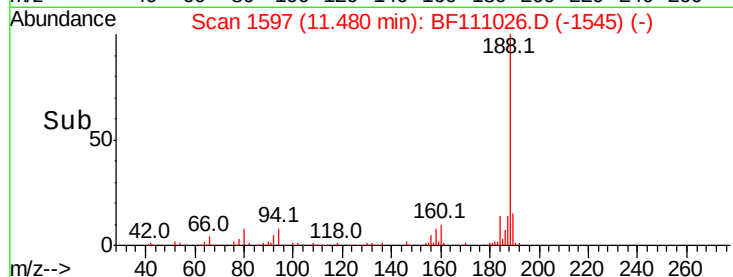
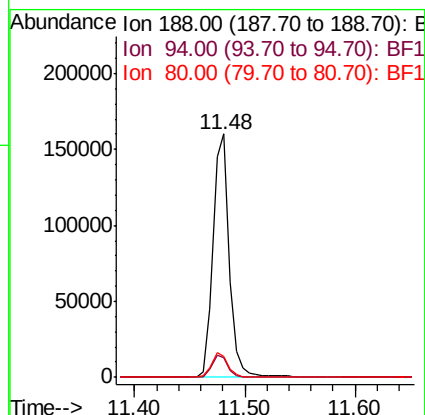
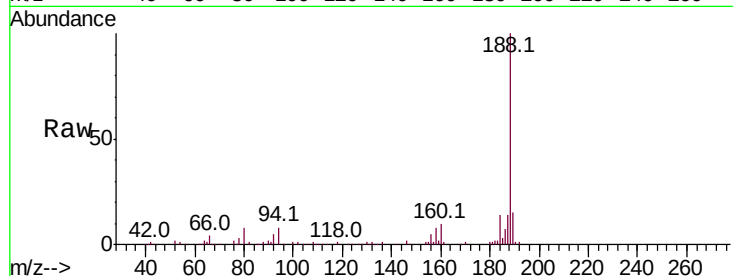




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

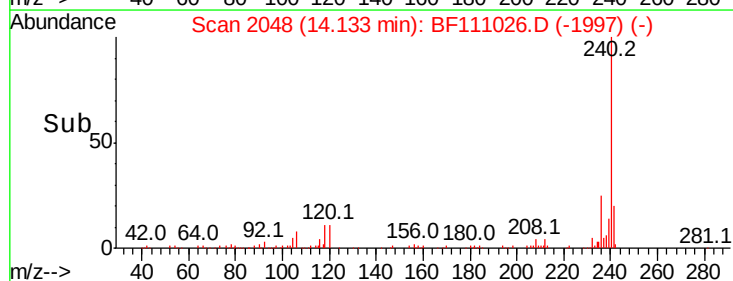
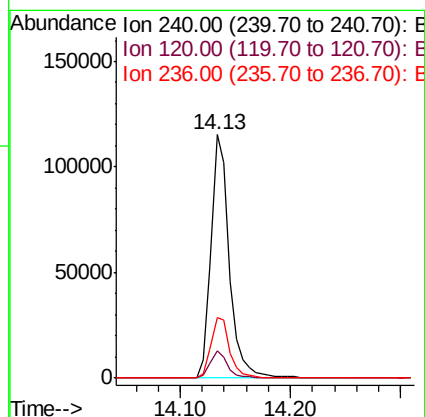
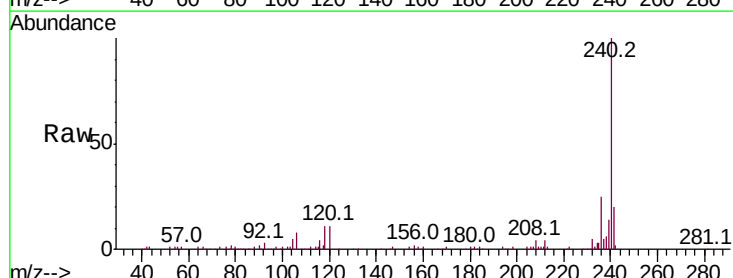
Instrument :
BNA_F
ClientSampleId :
DTW-03DL

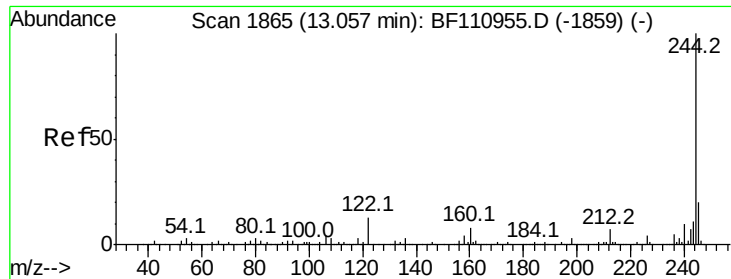
Tot Ion:188 Resp: 159759
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion:240 Resp: 129059
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 24.8 21.2 31.8





#79

Terphenyl-d14

Concen: 7.206 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

Instrument :

BNA_F

ClientSampleId :

DTW-03DL

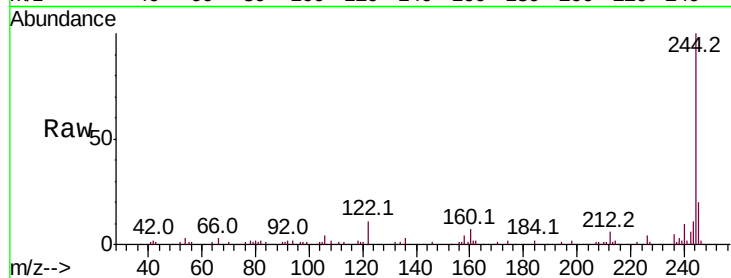
Tot Ion:244 Resp: 47773

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

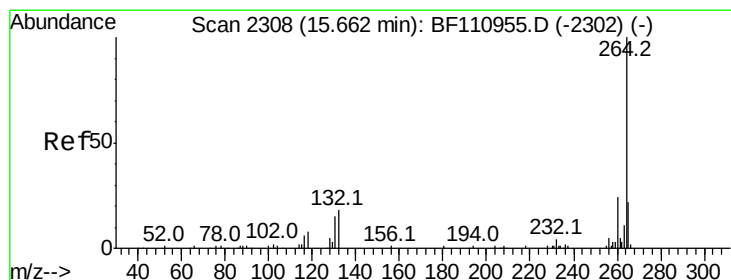
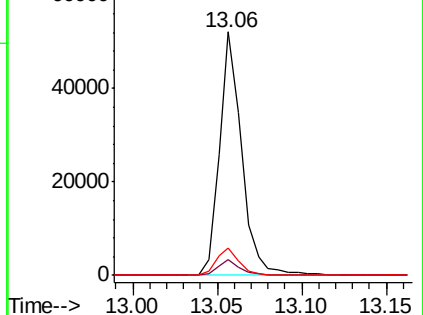
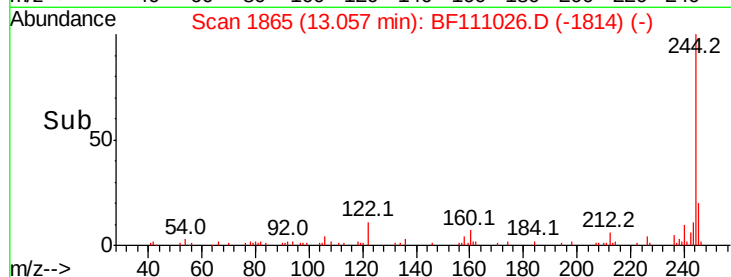
122 11.0 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

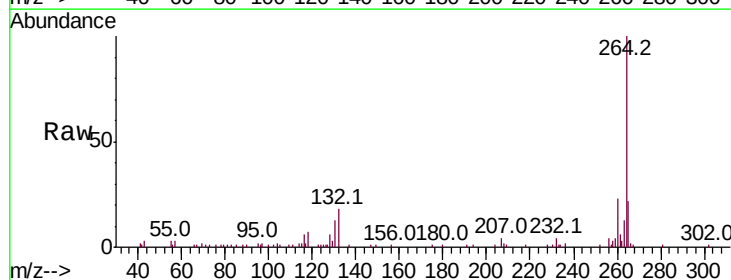
Tgt Ion:264 Resp: 82037

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 22.0 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

