

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111011.D
 Acq On : 27 Nov 2018 15:56
 Operator : JU/SJ
 Sample : J6050-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02

Quant Time: Nov 27 17:31:09 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

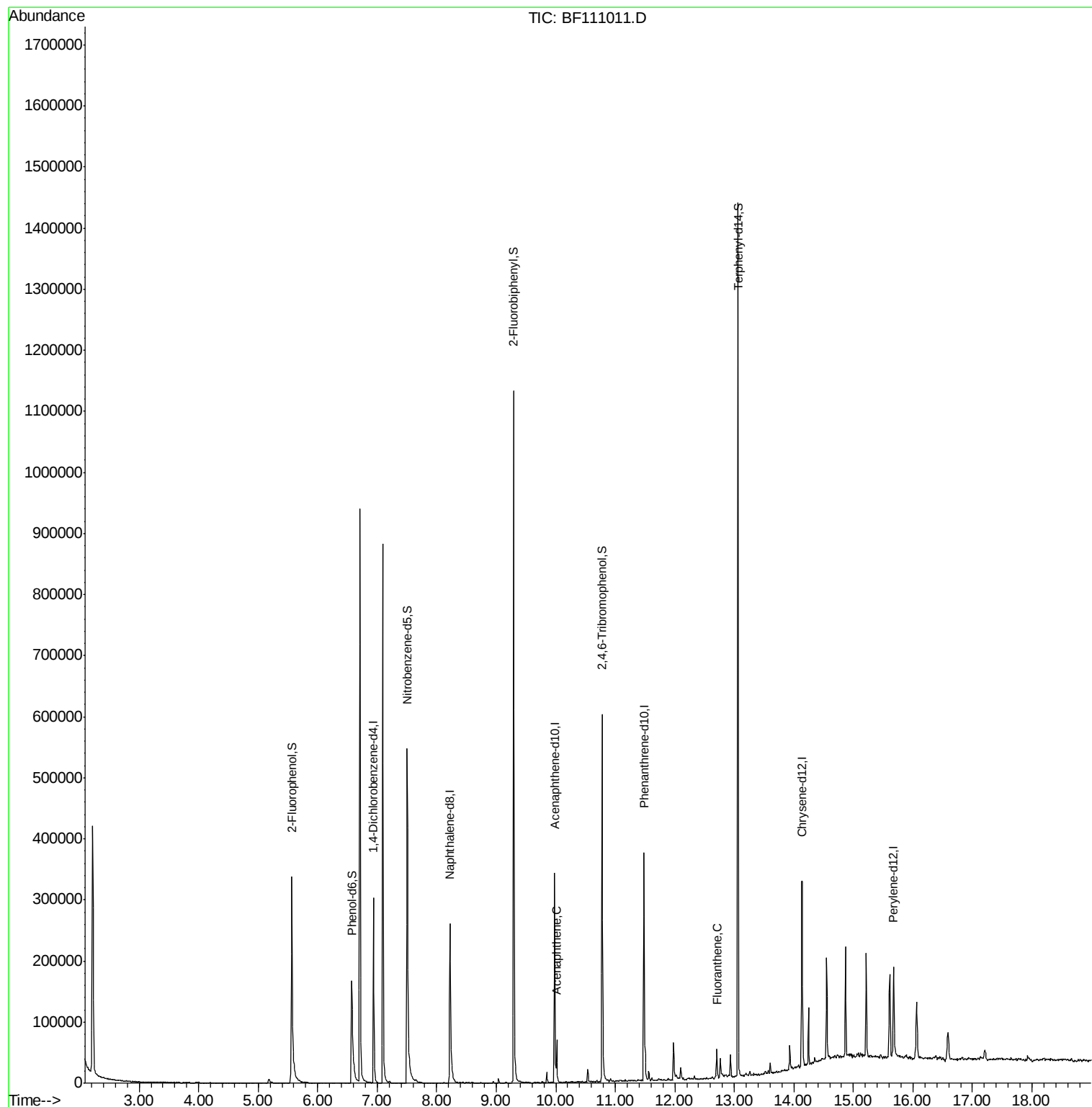
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	47921	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	170032	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	70340	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	143661	20.00	ng	0.00
76) Chrysene-d12	14.14	240	116489	20.00	ng	0.00
87) Perylene-d12	15.67	264	75224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	149271	51.66	ng	0.01
7) Phenol-d6	6.57	99	102894	27.32	ng	0.00
23) Nitrobenzene-d5	7.50	82	232672	78.31	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	78177	111.91	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	363552	74.88	ng	0.00
79) Terphenyl-d14	13.06	244	459361	76.76	ng	0.00
Target Compounds						
52) Acenaphthene	10.02	154	16473	3.843	ng	96
75) Fluoranthene	12.70	202	18466	2.361	ng	94

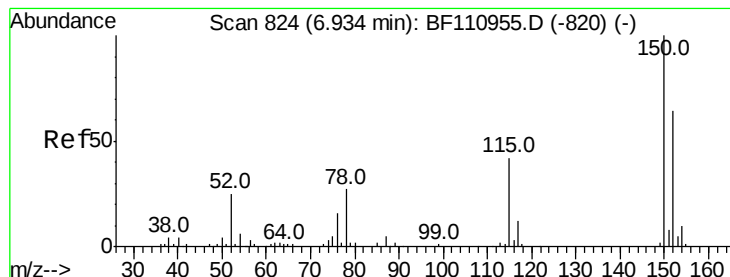
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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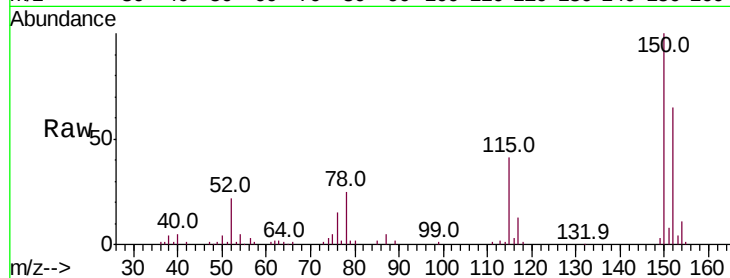


#1

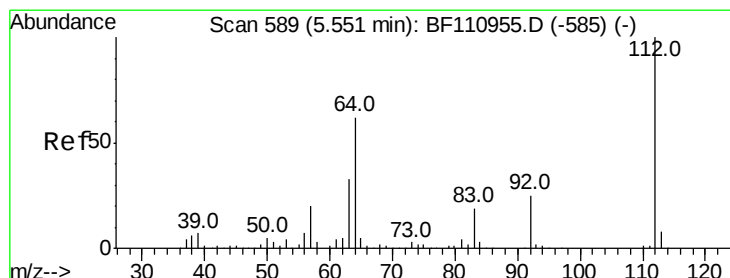
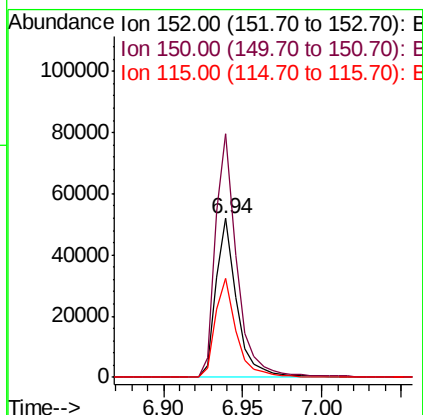
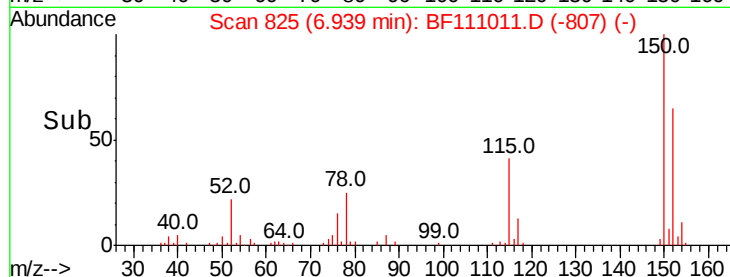
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :
DTW-02

Tot Ion:152 Resp: 47921
Ion Ratio Lower Upper
152 100
150 153.6 122.7 184.1
115 62.3 49.1 73.7



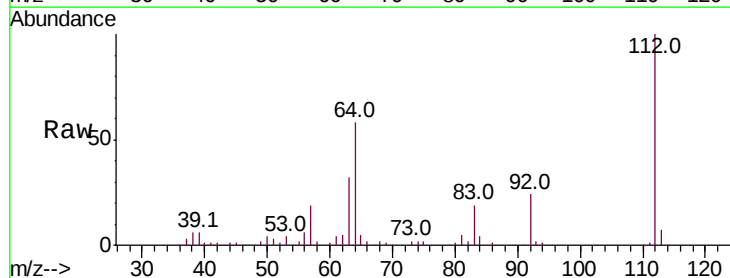
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



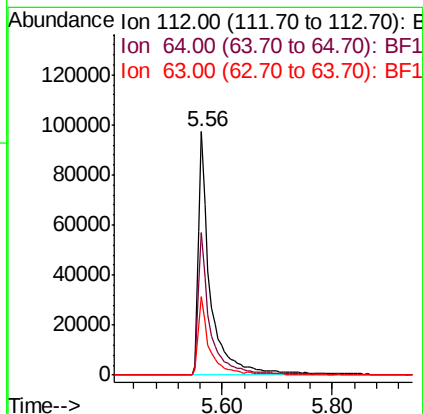
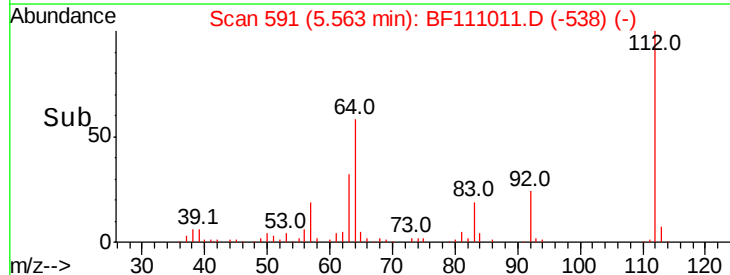
#5

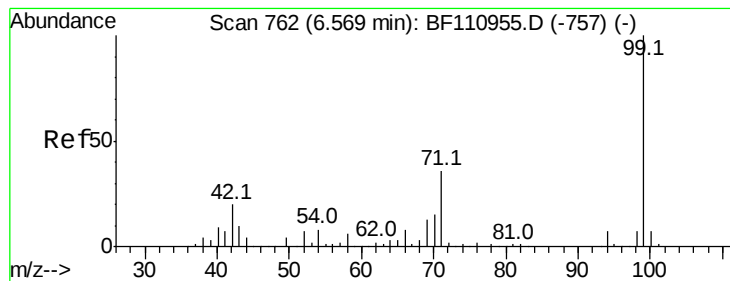
2-Fluorophenol
Concen: 51.656 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Tgt Ion:112 Resp: 149271
Ion Ratio Lower Upper
112 100
64 58.3 44.1 66.1
63 32.4 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: 27.323 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF111011.D

Acq: 27 Nov 2018 15:56

Instrument :

BNA_F

ClientSampleId :

DTW-02

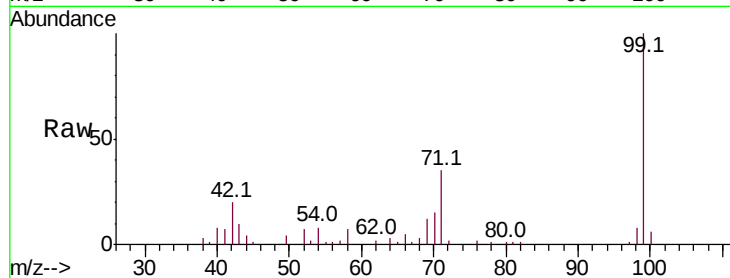
Tot Ion: 99 Resp: 102894

Ion Ratio Lower Upper

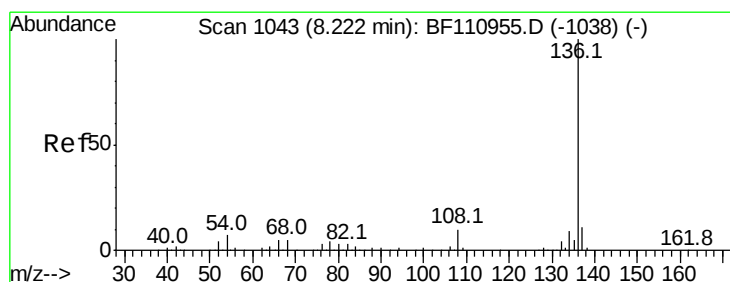
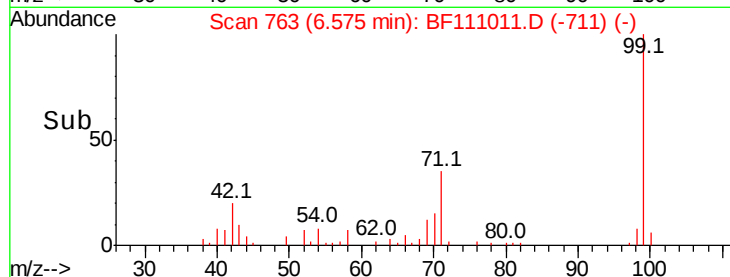
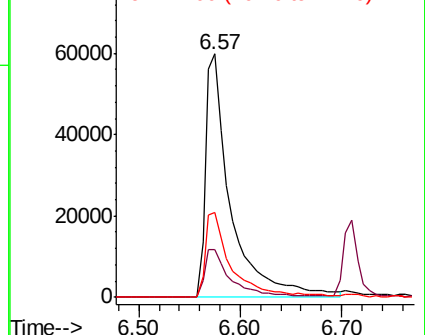
99 100

42 19.5 15.8 23.6

71 34.7 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: BF111011.D

Acq: 27 Nov 2018 15:56

Tgt Ion: 136 Resp: 170032

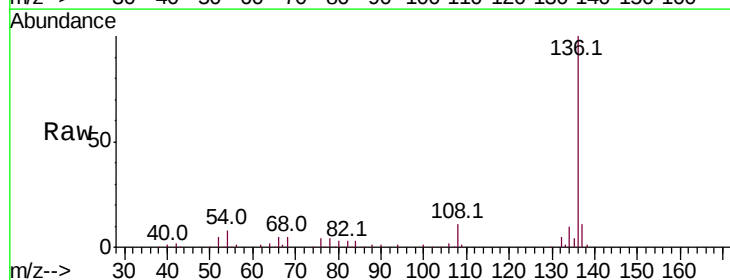
Ion Ratio Lower Upper

136 100

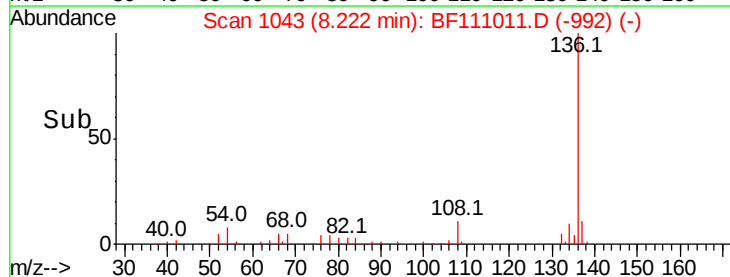
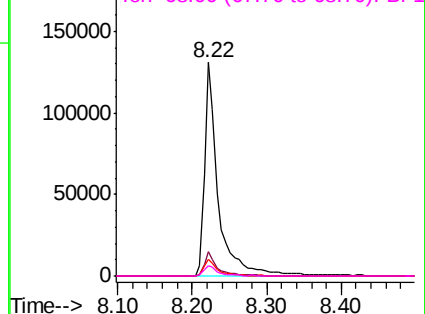
137 11.1 8.8 13.2

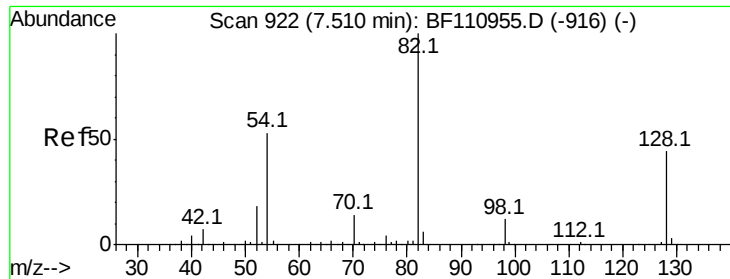
54 7.9 5.4 8.2

68 4.9 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

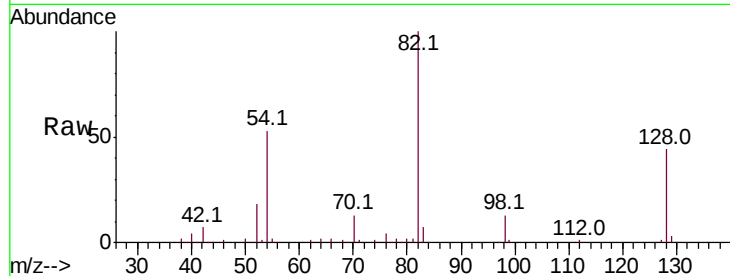




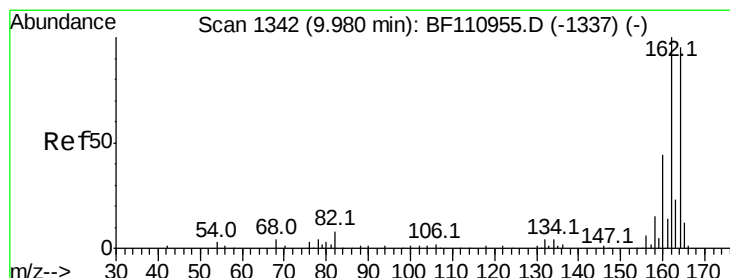
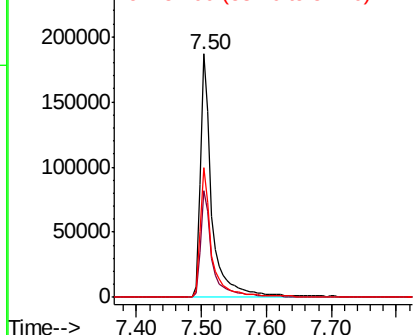
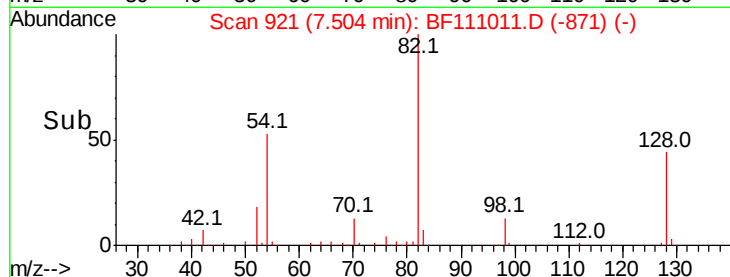
#23
Nitrobenzene-d5
Concen: 78.315 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Instrument :
BNA_F
ClientSampleId :
DTW-02

Tot Ion	82	Resp	232672
Ion Ratio	Lower	Upper	
82	100		
128	43.6	34.2	51.2
54	53.4	38.6	58.0

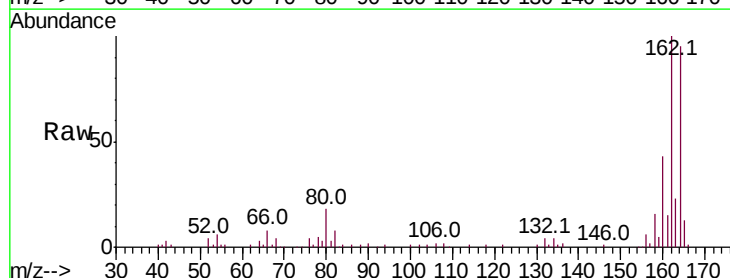


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

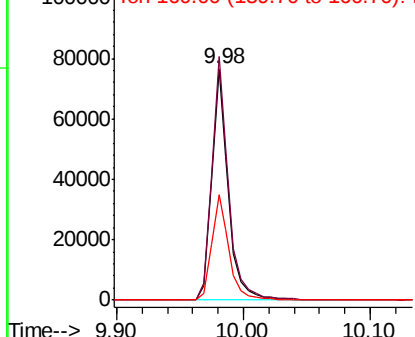
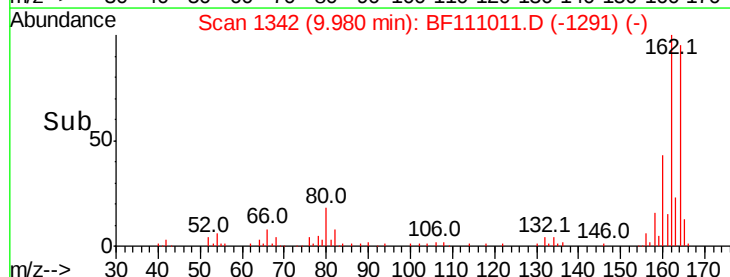


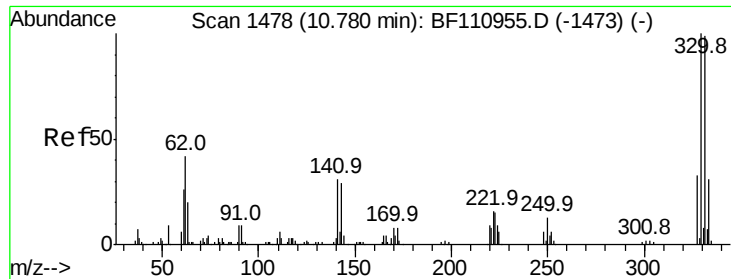
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111011.D
Acq: 27 Nov 2018 15:56

Tgt Ion	164	Resp	70340
Ion Ratio	Lower	Upper	
164	100		
162	105.5	83.0	124.6
160	45.8	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

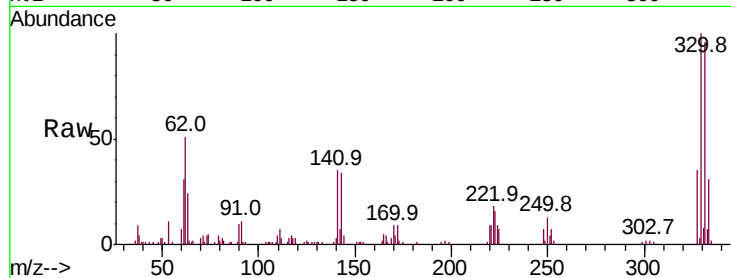




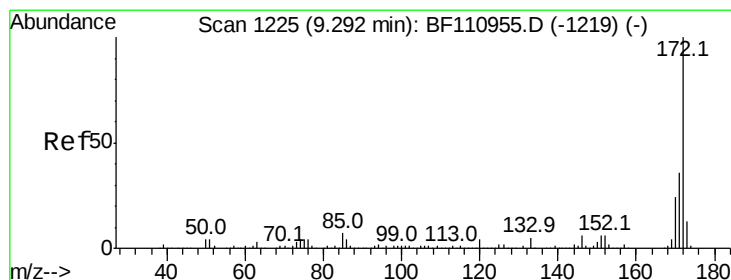
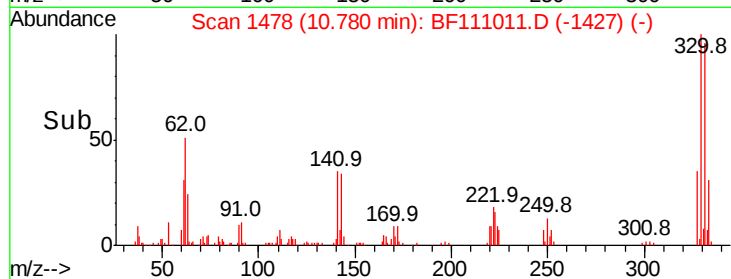
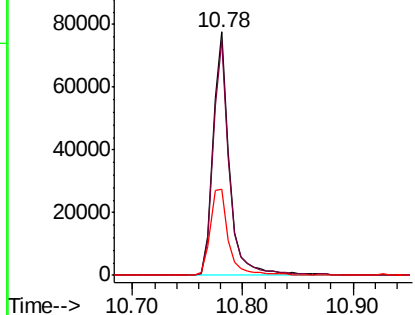
#42
 2,4,6-Tribromophenol
 Concen: 111.910 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF111011.D
 Acq: 27 Nov 2018 15:56

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02

Tot Ion:330 Resp: 78177
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.1 115.7
 141 39.1 27.0 40.4

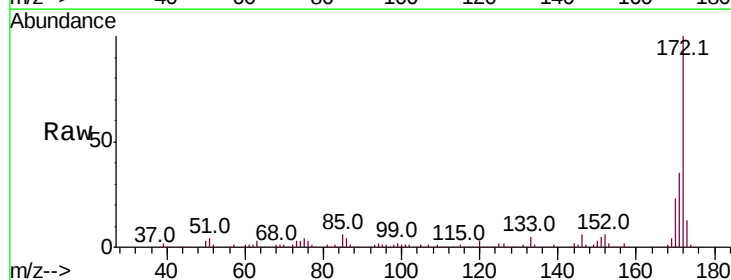


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

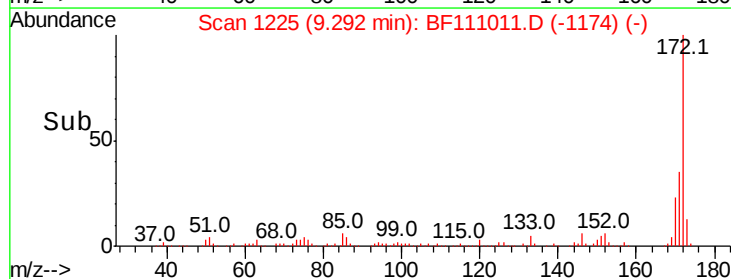
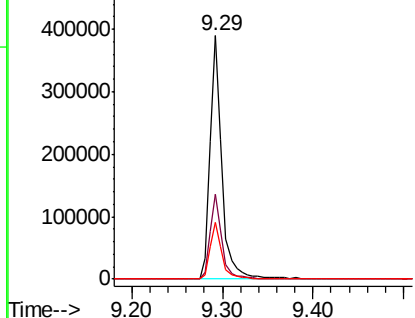


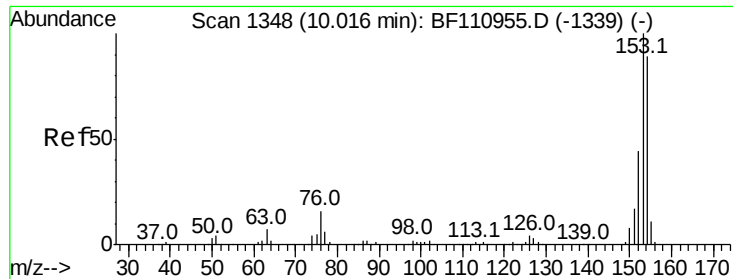
#45
 2-Fluorobiphenyl
 Concen: 74.880 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111011.D
 Acq: 27 Nov 2018 15:56

Tgt Ion:172 Resp: 363552
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 23.5 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





#52

Acenaphthene

Concen: 3.843 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF111011.D

Acq: 27 Nov 2018 15:56

Instrument :

BNA_F

ClientSampleId :

DTW-02

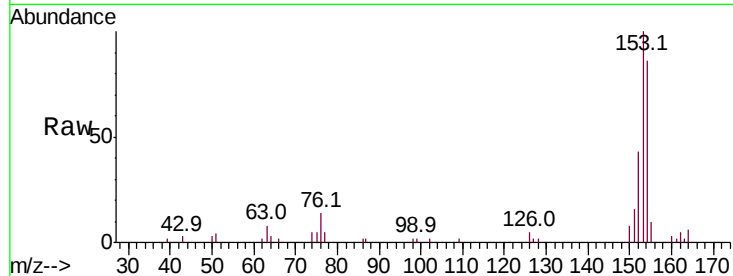
Tot Ion:154 Resp: 16473

Ion Ratio Lower Upper

154 100

153 116.1 90.1 135.1

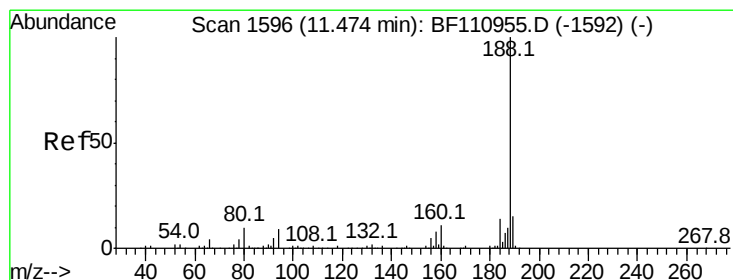
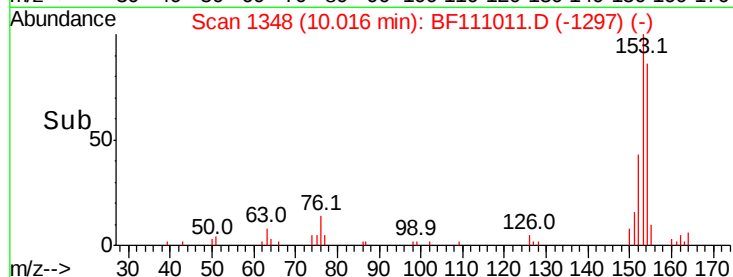
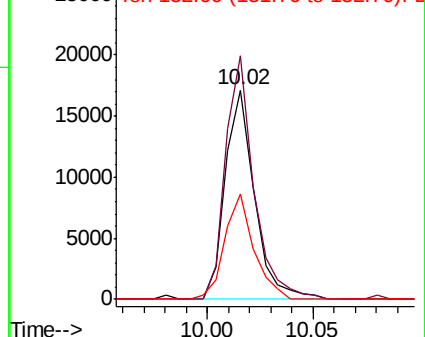
152 50.3 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF111011.D

Acq: 27 Nov 2018 15:56

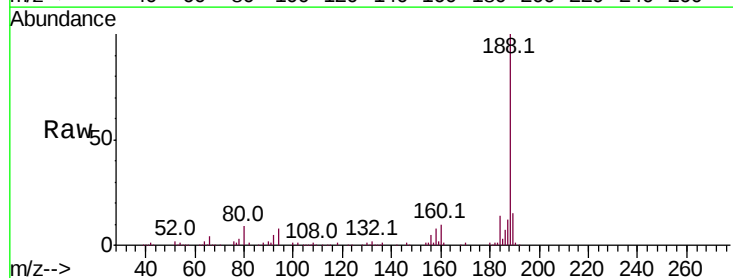
Tgt Ion:188 Resp: 143661

Ion Ratio Lower Upper

188 100

94 8.1 7.2 10.8

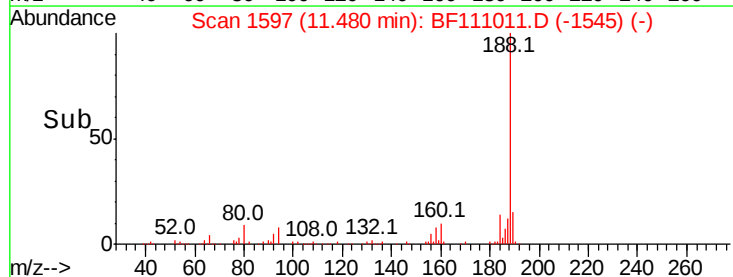
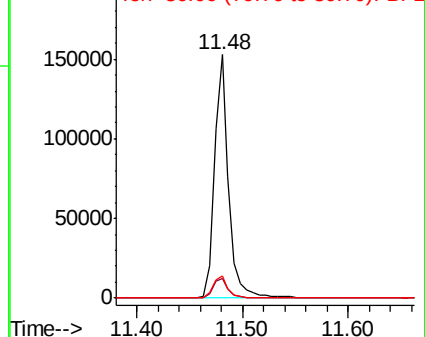
80 9.0 7.9 11.9

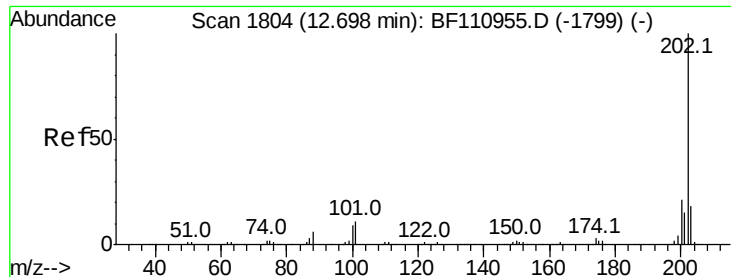


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

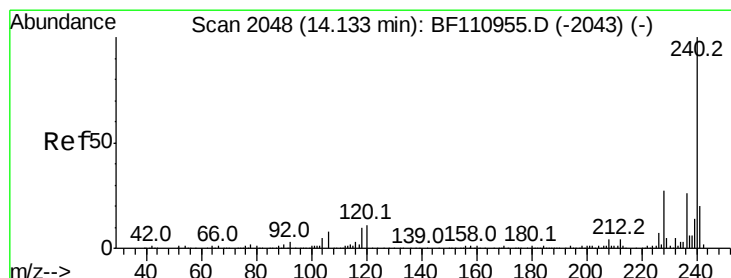
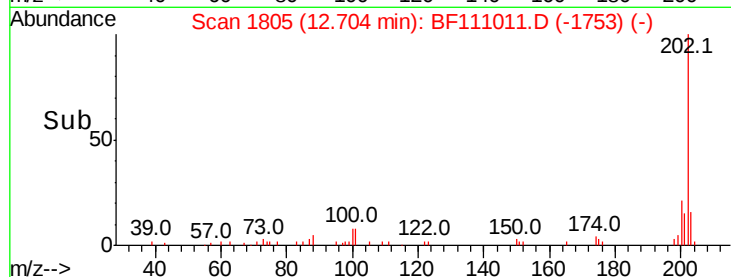
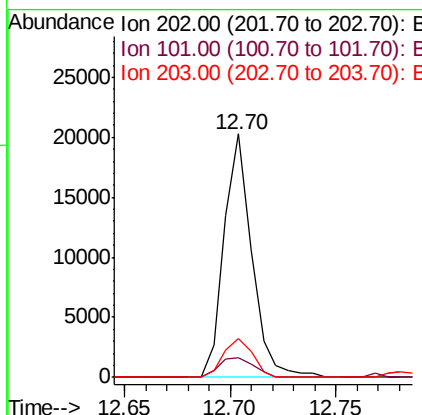
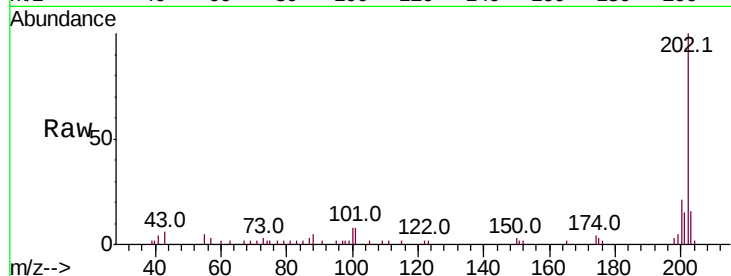




#75
 Fluoranthene
 Concen: 2.361 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: BF111011.D
 Acq: 27 Nov 2018 15:56

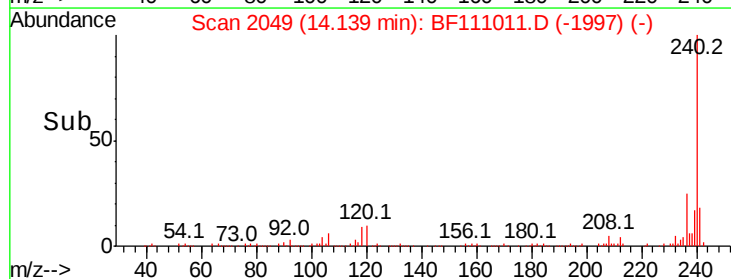
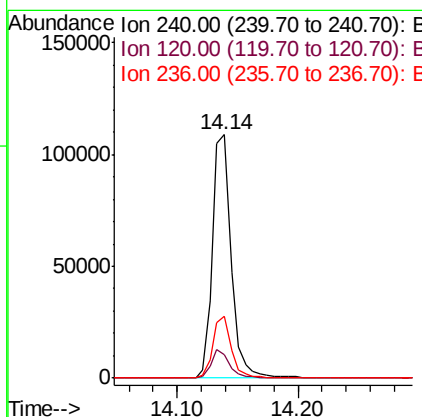
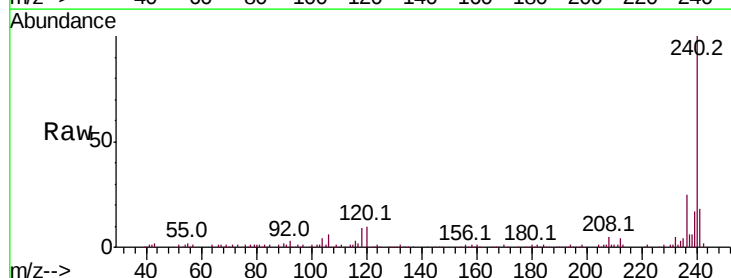
Instrument :
 BNA_F
 ClientSampled :
 DTW-02

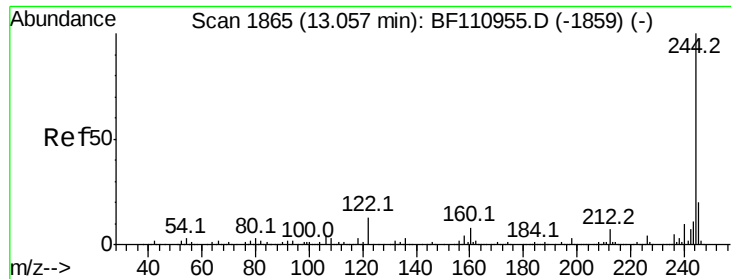
Tot Ion:202 Resp: 18466
 Ion Ratio Lower Upper
 202 100
 101 8.1 0.0 31.4
 203 16.0 0.0 37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: BF111011.D
 Acq: 27 Nov 2018 15:56

Tgt Ion:240 Resp: 116489
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.3 12.5
 236 25.4 21.2 31.8





#79

Terphenyl-d14

Concen: 76.764 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF111011.D

Acq: 27 Nov 2018 15:56

Instrument :

BNA_F

ClientSampleId :

DTW-02

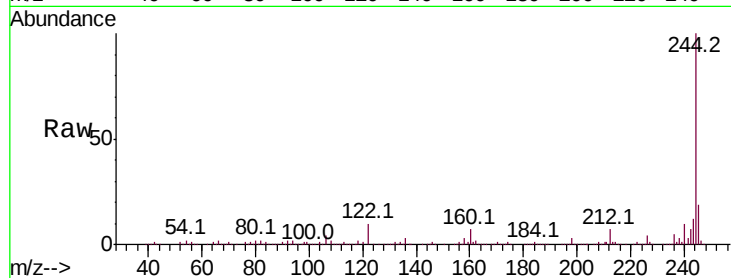
Tot Ion:244 Resp: 459361

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

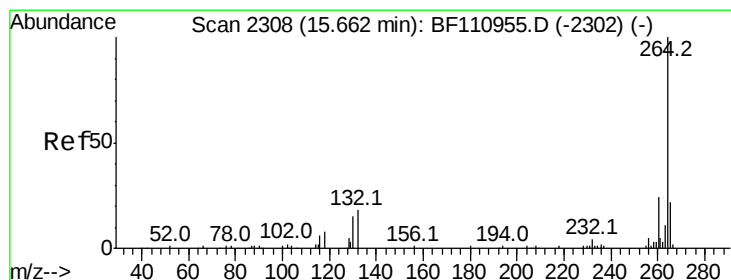
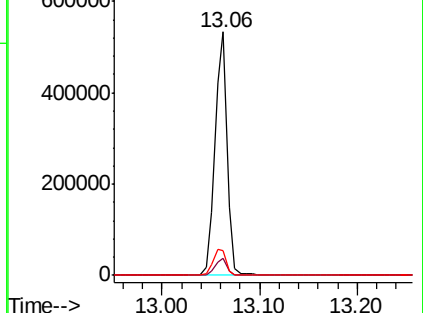
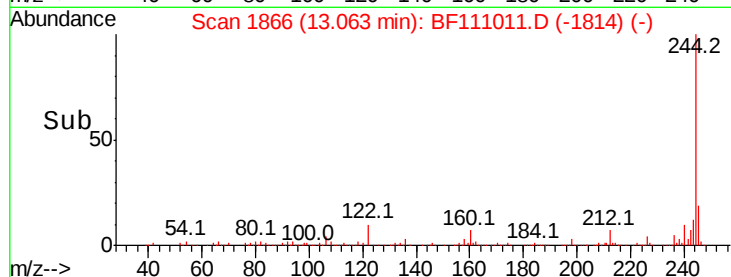
122 10.1 8.7 13.1



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: BF111011.D

Acq: 27 Nov 2018 15:56

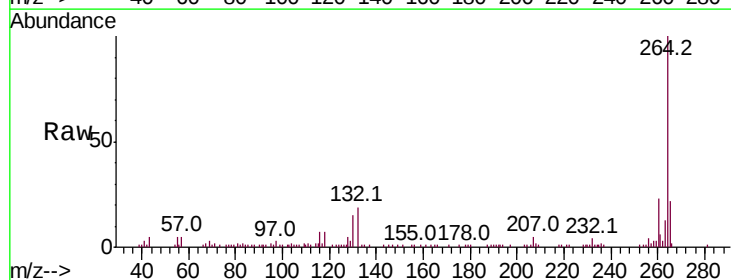
Tgt Ion:264 Resp: 75224

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.7 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

