

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110935.D
 Acq On : 21 Nov 2018 18:25
 Operator : JU/SJ
 Sample : J5772-07RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112018-CRE

Quant Time: Nov 21 23:14:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

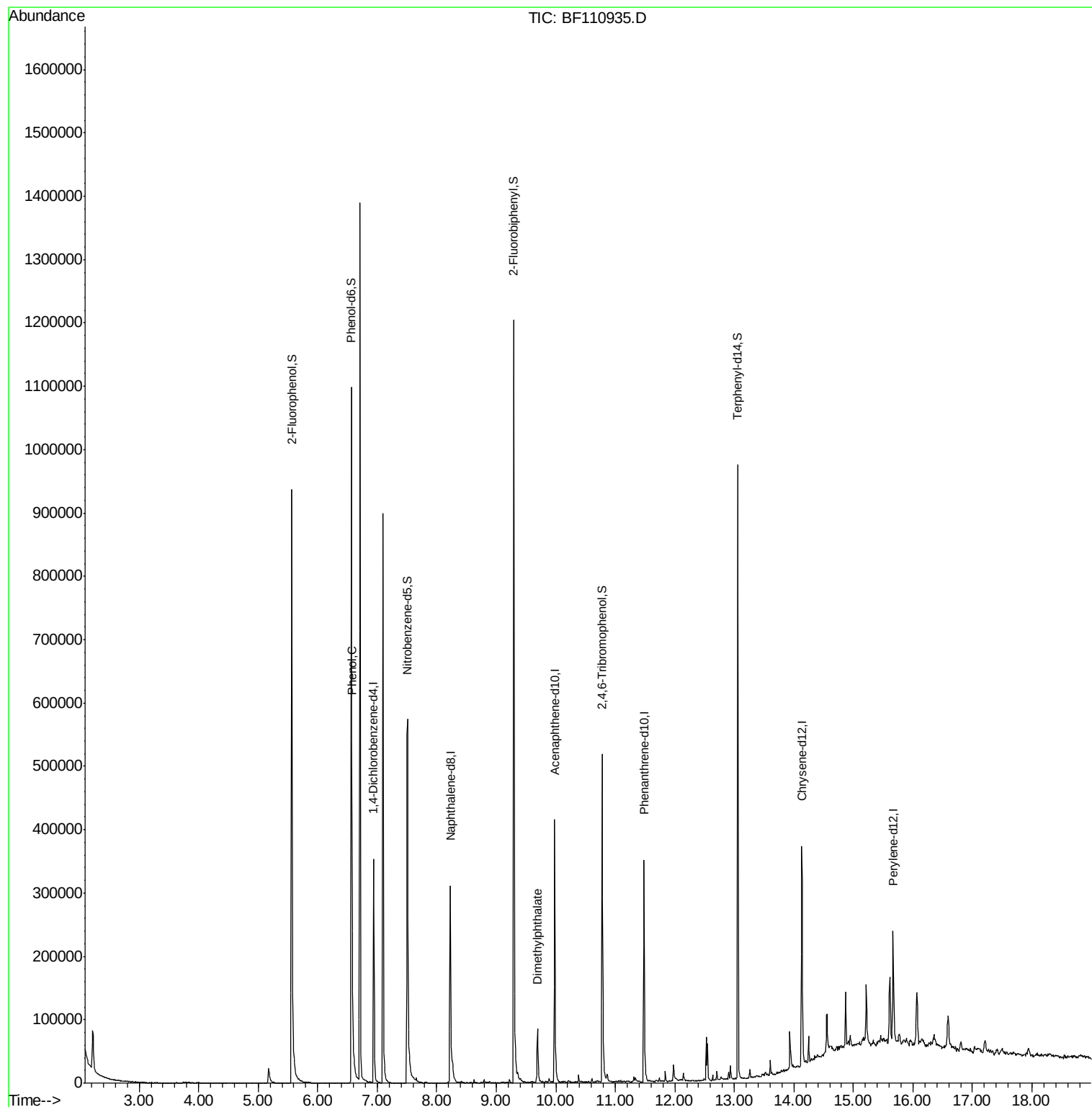
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56362	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	222011	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	97595	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	155693	20.00	ng	0.00
76) Chrysene-d12	14.13	240	129096	20.00	ng	0.00
87) Perylene-d12	15.67	264	90652	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	322642	92.98	ng	0.00
7) Phenol-d6	6.57	99	402752	90.77	ng	0.00
23) Nitrobenzene-d5	7.51	82	257949	66.91	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	74448	75.71	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	438584	64.18	ng	-0.01
79) Terphenyl-d14	13.06	244	316058	45.85	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	19027	3.698	ng	85
50) Dimethylphthalate	9.69	163	45962	6.311	ng	100

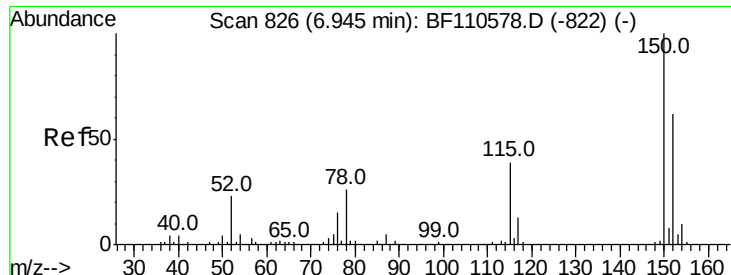
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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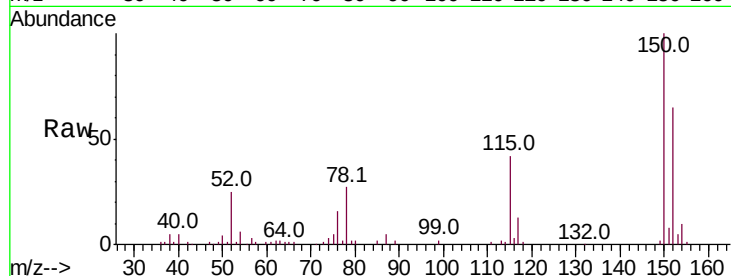


#1

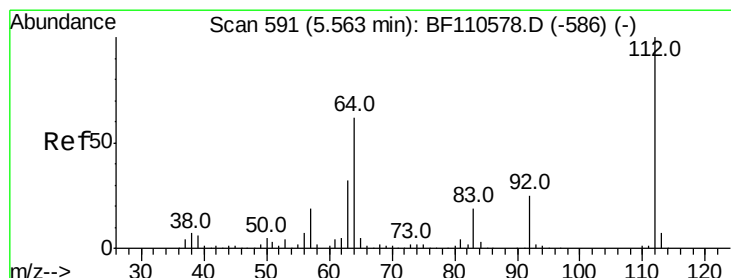
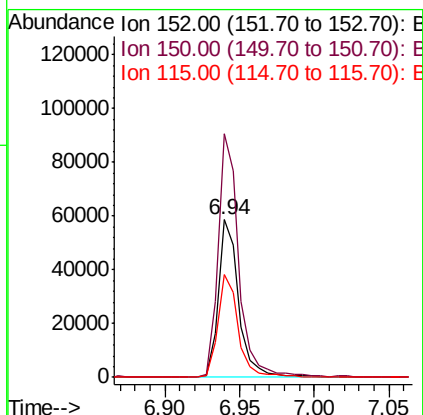
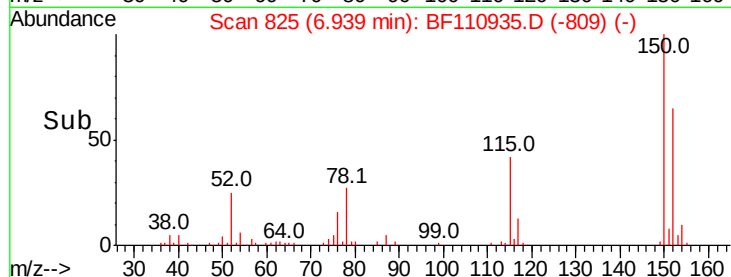
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112018-CRE

Tot Ion:152 Resp: 56362
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.7 184.1
 115 65.5 49.1 73.7



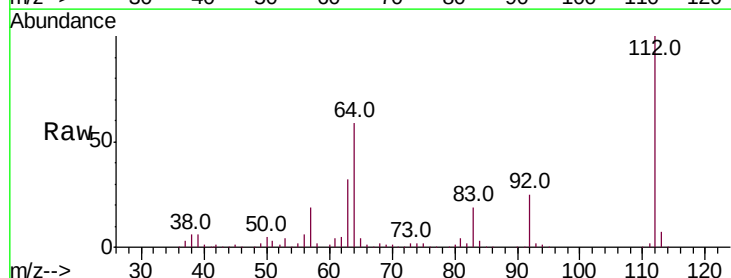
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



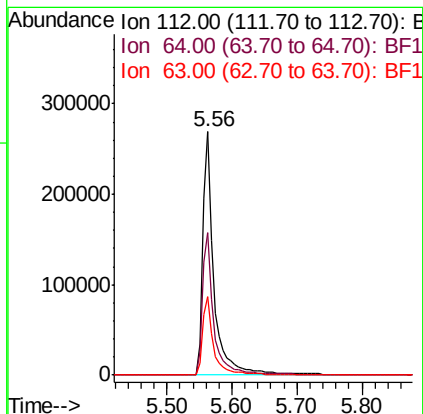
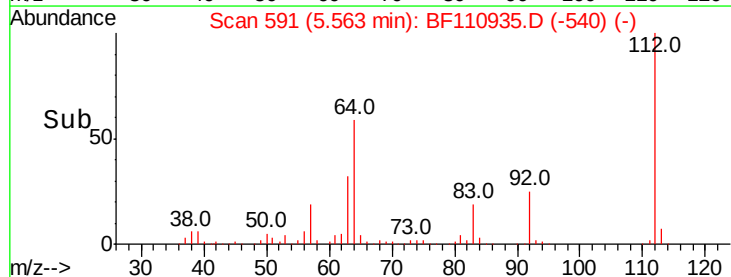
#5

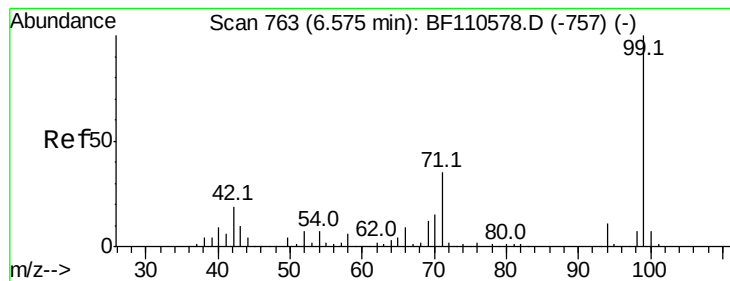
2-Fluorophenol
 Concen: 92.983 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Tgt Ion:112 Resp: 322642
 Ion Ratio Lower Upper
 112 100
 64 58.7 44.1 66.1
 63 32.3 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: 90.768 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110935.D

Acq: 21 Nov 2018 18:25

Instrument :

BNA_F

ClientSampleId :

PL-01-112018-CRE

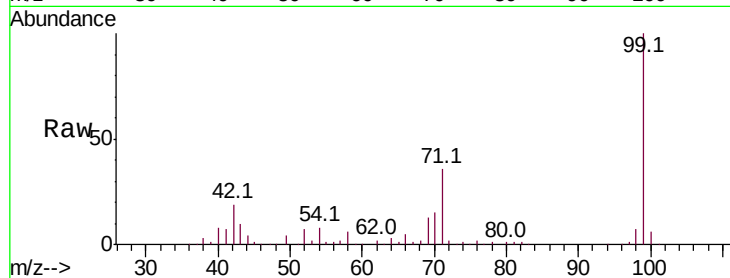
Tot Ion: 99 Resp: 402752

Ion Ratio Lower Upper

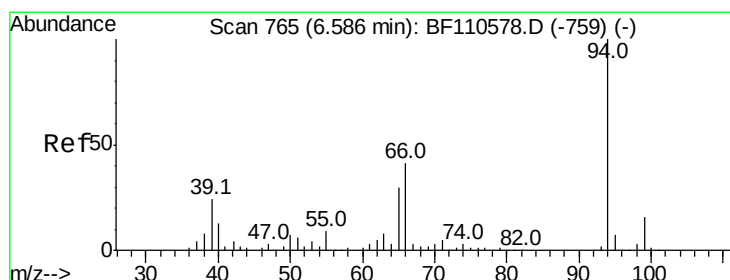
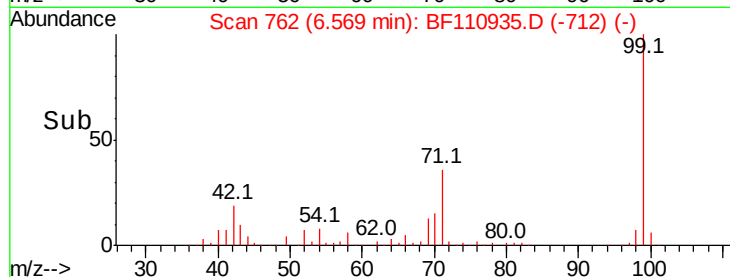
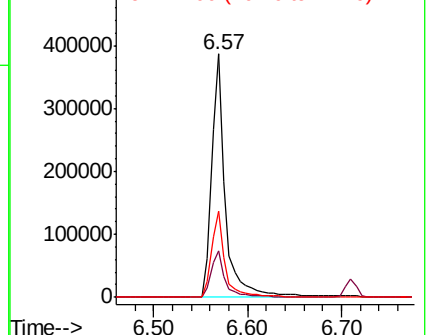
99 100

42 19.2 15.8 23.6

71 35.6 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



#10

Phenol

Concen: 3.698 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110935.D

Acq: 21 Nov 2018 18:25

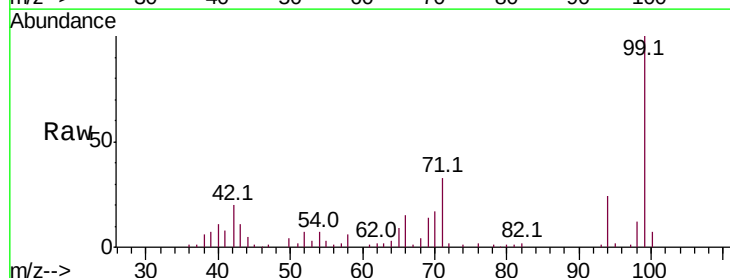
Tgt Ion: 94 Resp: 19027

Ion Ratio Lower Upper

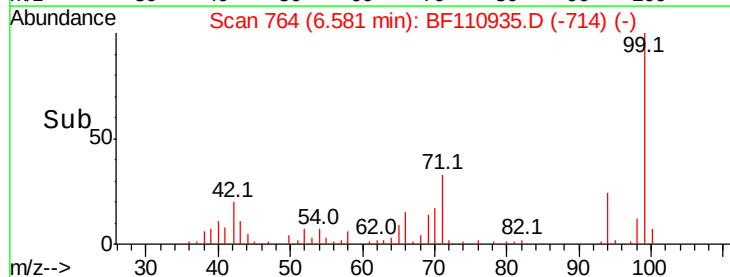
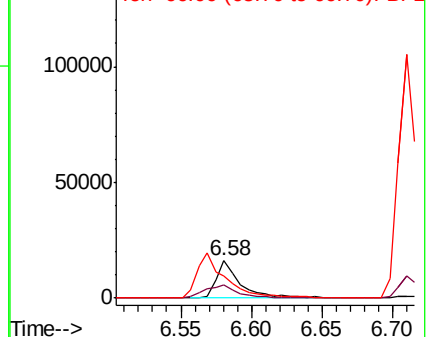
94 100

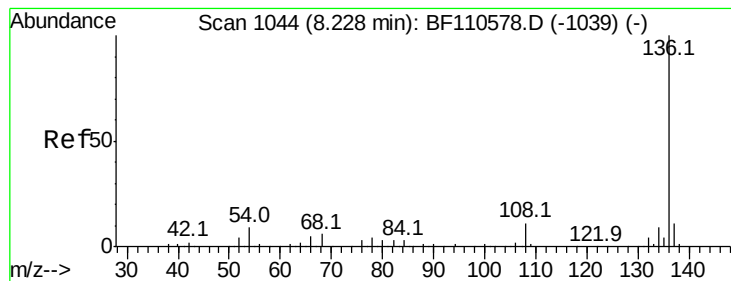
65 36.4 25.3 65.3

66 60.9 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110935.D

Acq: 21 Nov 2018 18:25

Instrument :

BNA_F

ClientSampleId :

PL-01-112018-CRE

Tot Ion:136 Resp: 222011

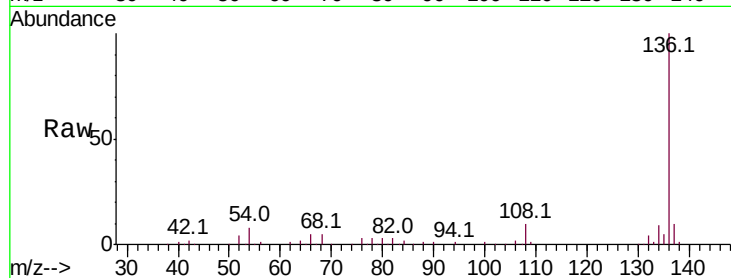
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 7.8 5.4 8.2

68 4.9 4.2 6.2

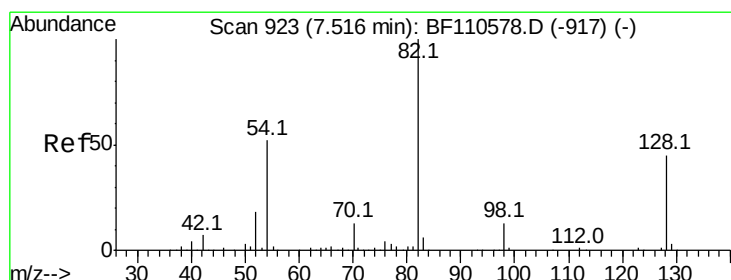
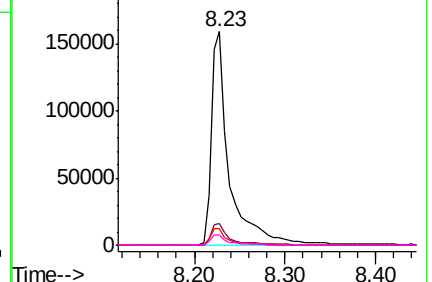
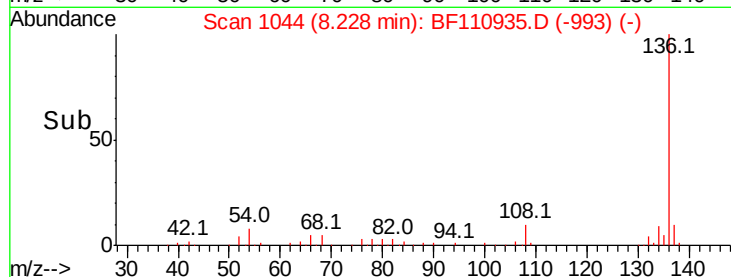


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.912 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110935.D

Acq: 21 Nov 2018 18:25

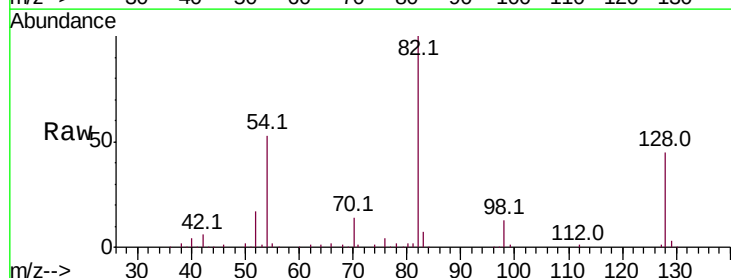
Tgt Ion: 82 Resp: 257949

Ion Ratio Lower Upper

82 100

128 45.4 34.2 51.2

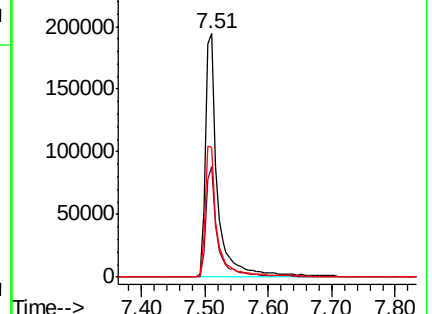
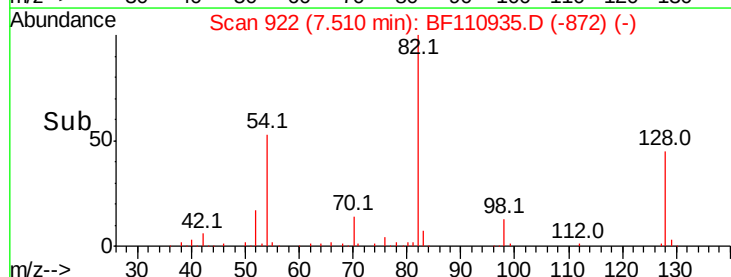
54 53.1 38.6 58.0

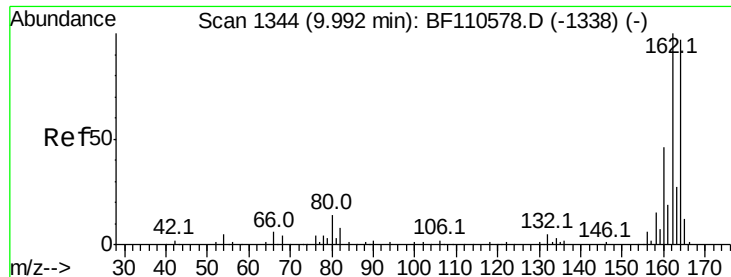


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

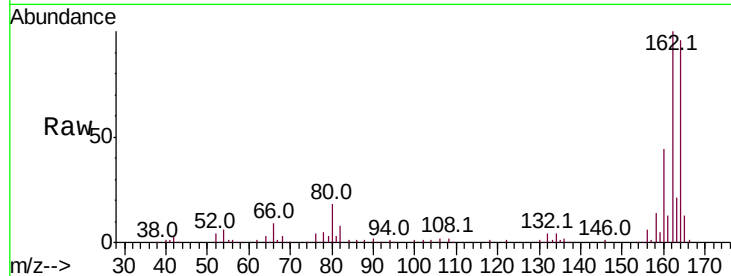




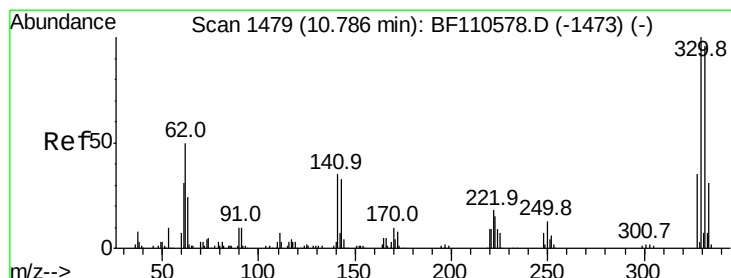
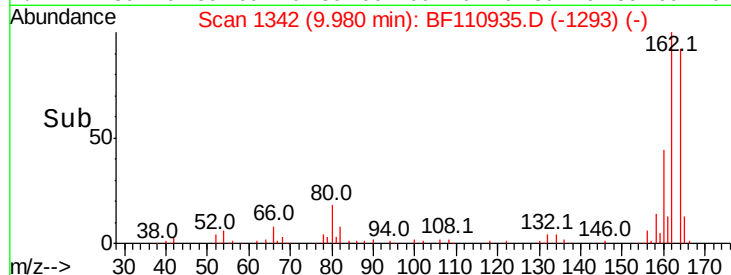
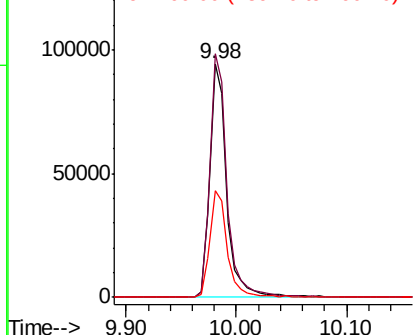
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-112018-CRE

Tot Ion:164 Resp: 97595
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.0 124.6
 160 45.8 37.0 55.6

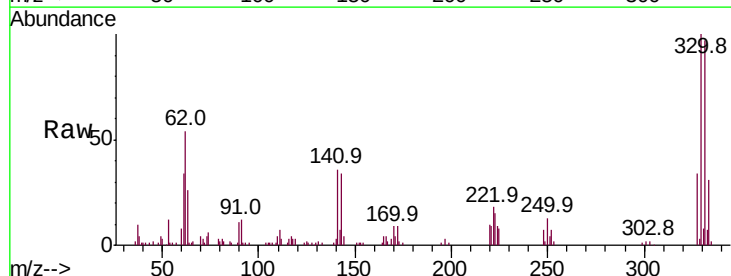


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

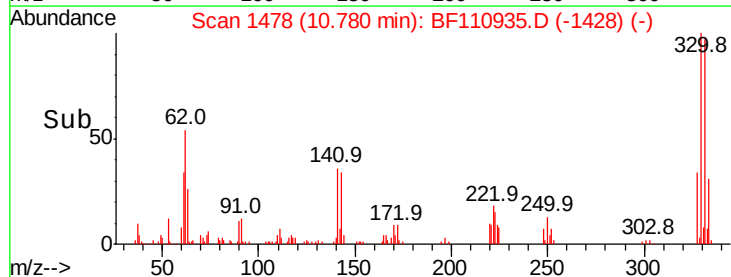
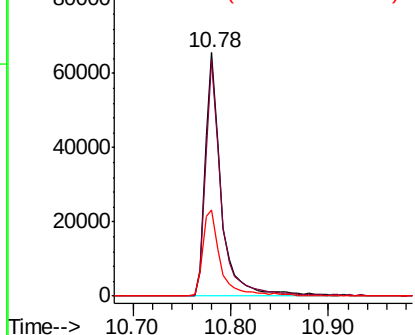


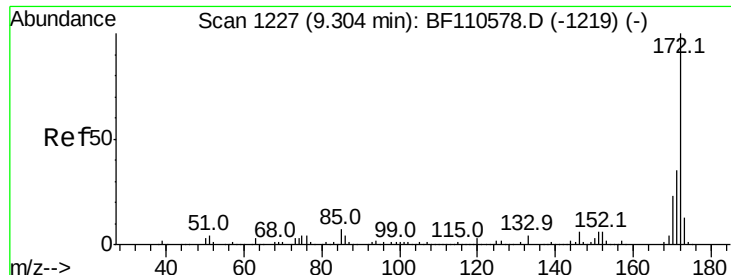
#42
 2,4,6-Tribromophenol
 Concen: 75.705 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110935.D
 Acq: 21 Nov 2018 18:25

Tgt Ion:330 Resp: 74448
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 39.0 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

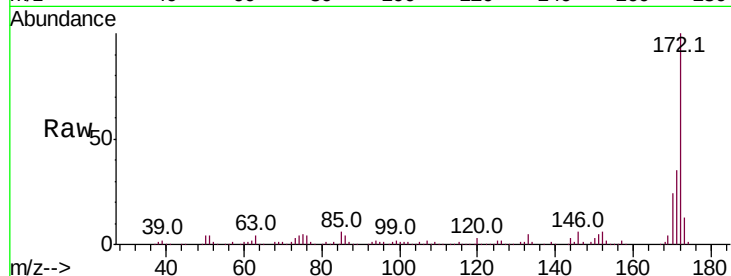




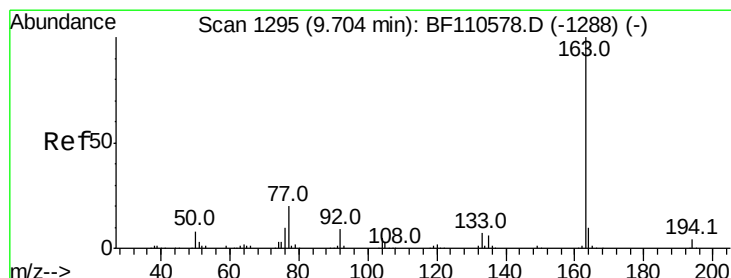
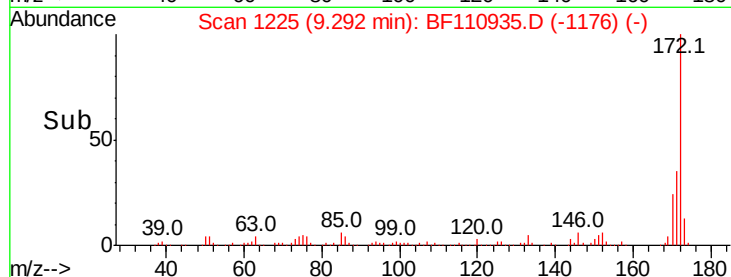
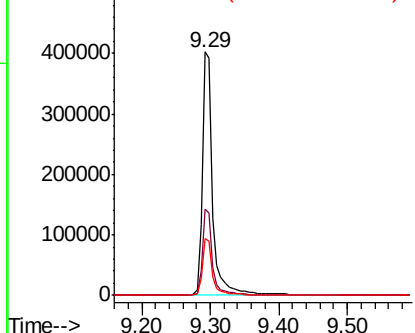
#45
2-Fluorobiphenyl
Concen: 64.181 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-CRE

Tot Ion:172 Resp: 438584
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.5 19.7 29.5

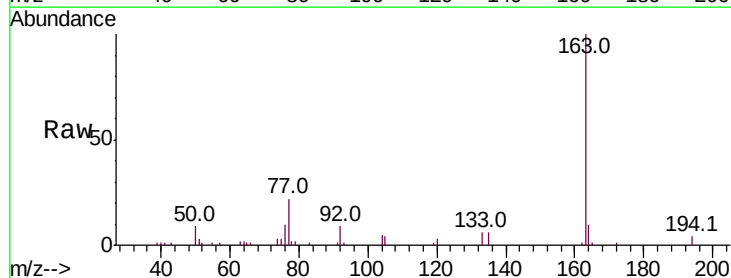


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

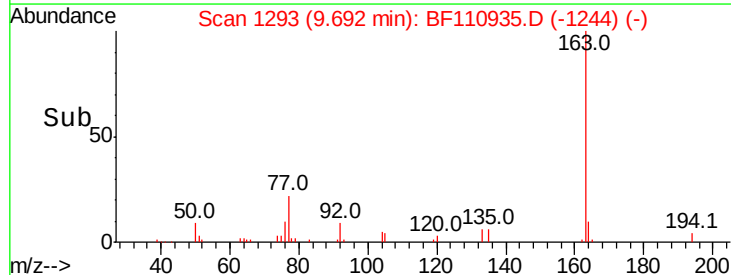
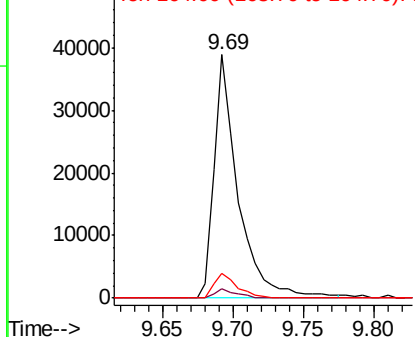


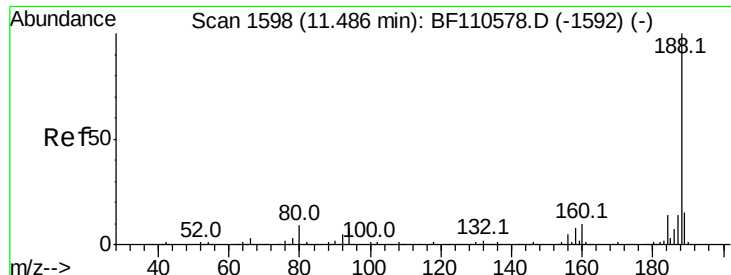
#50
Dimethylphthalate
Concen: 6.311 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Tgt Ion:163 Resp: 45962
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

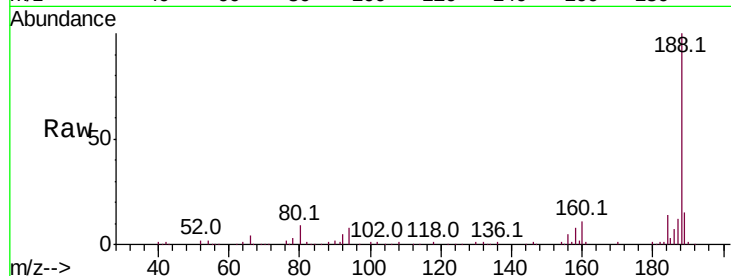




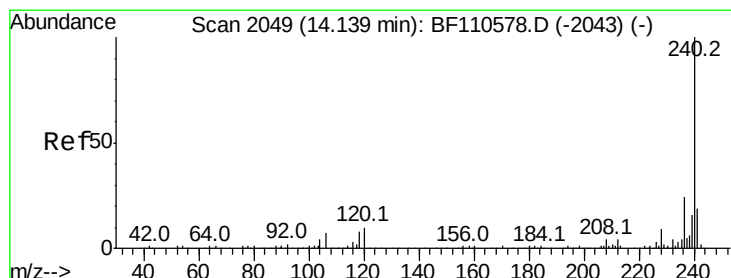
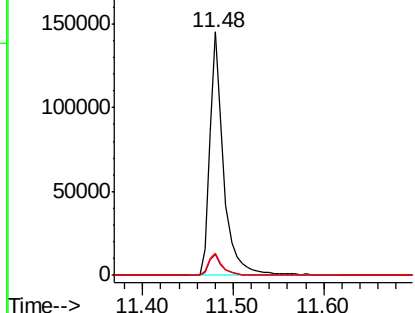
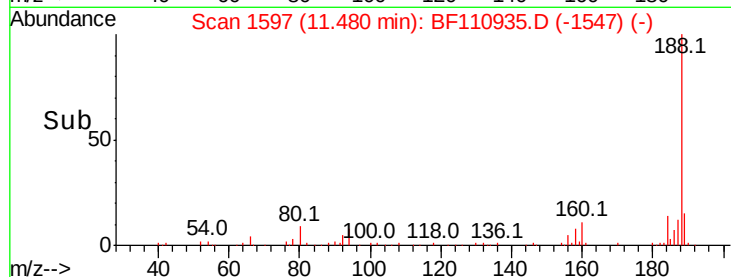
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Instrument :
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ClientSampleId :
PL-01-112018-CRE

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.9	7.9	11.9

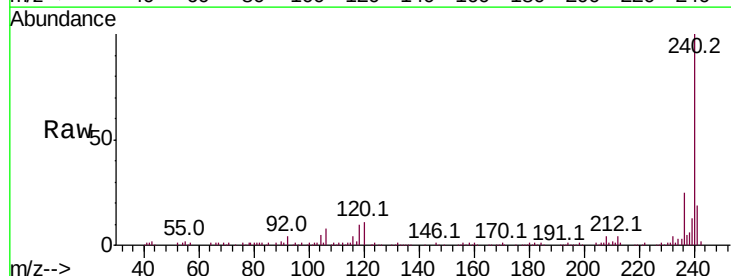


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

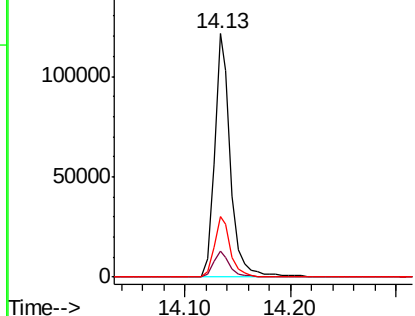
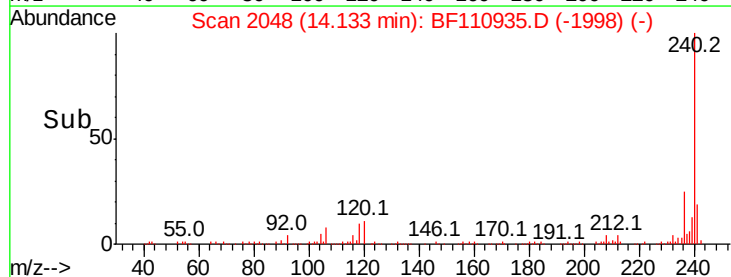


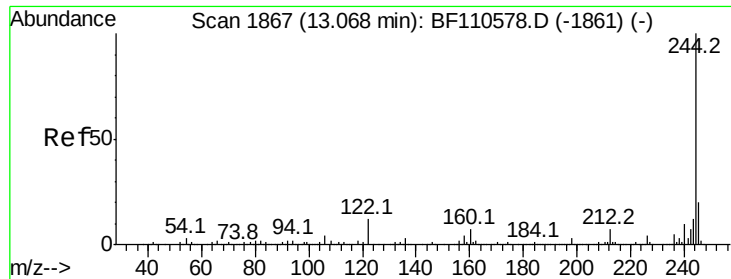
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	24.9	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: 45.850 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110935.D

Acq: 21 Nov 2018 18:25

Instrument :

BNA_F

ClientSampleId :

PL-01-112018-CRE

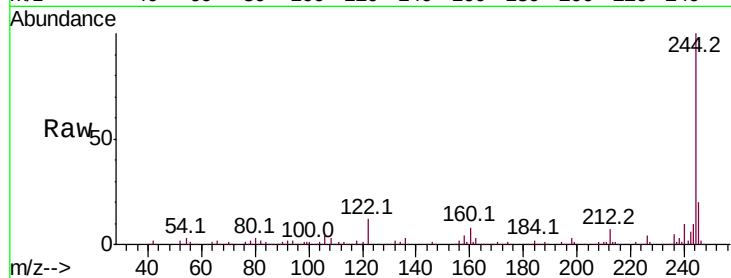
Tot Ion:244 Resp: 316058

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

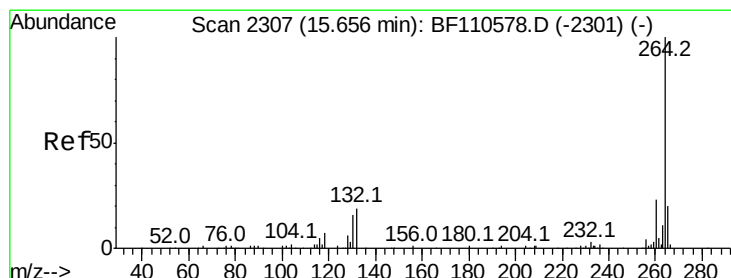
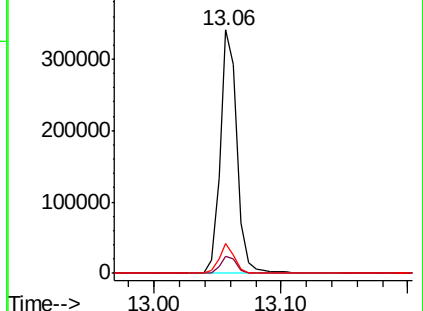
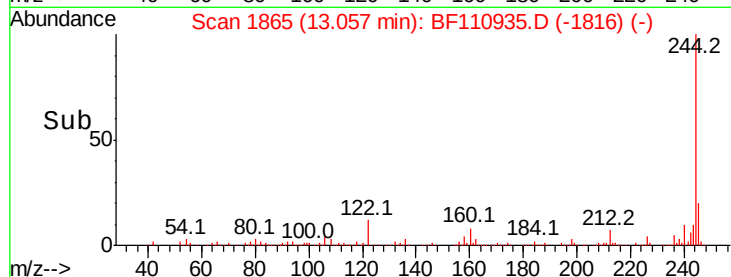
122 12.1 8.7 13.1



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# 2309

Delta R.T. 0.01 min

Lab File: BF110935.D

Acq: 21 Nov 2018 18:25

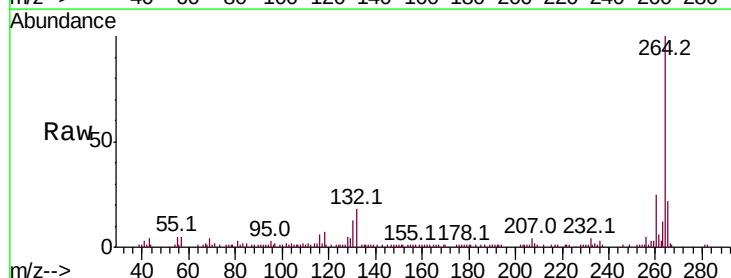
Tgt Ion:264 Resp: 90652

Ion Ratio Lower Upper

264 100

260 24.6 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

