

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110989.D
 Acq On : 27 Nov 2018 3:53
 Operator : JU/SJ
 Sample : J6061-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-D-B

Quant Time: Nov 27 06:35:34 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 03:04:49 2018
 Response via : Initial Calibration

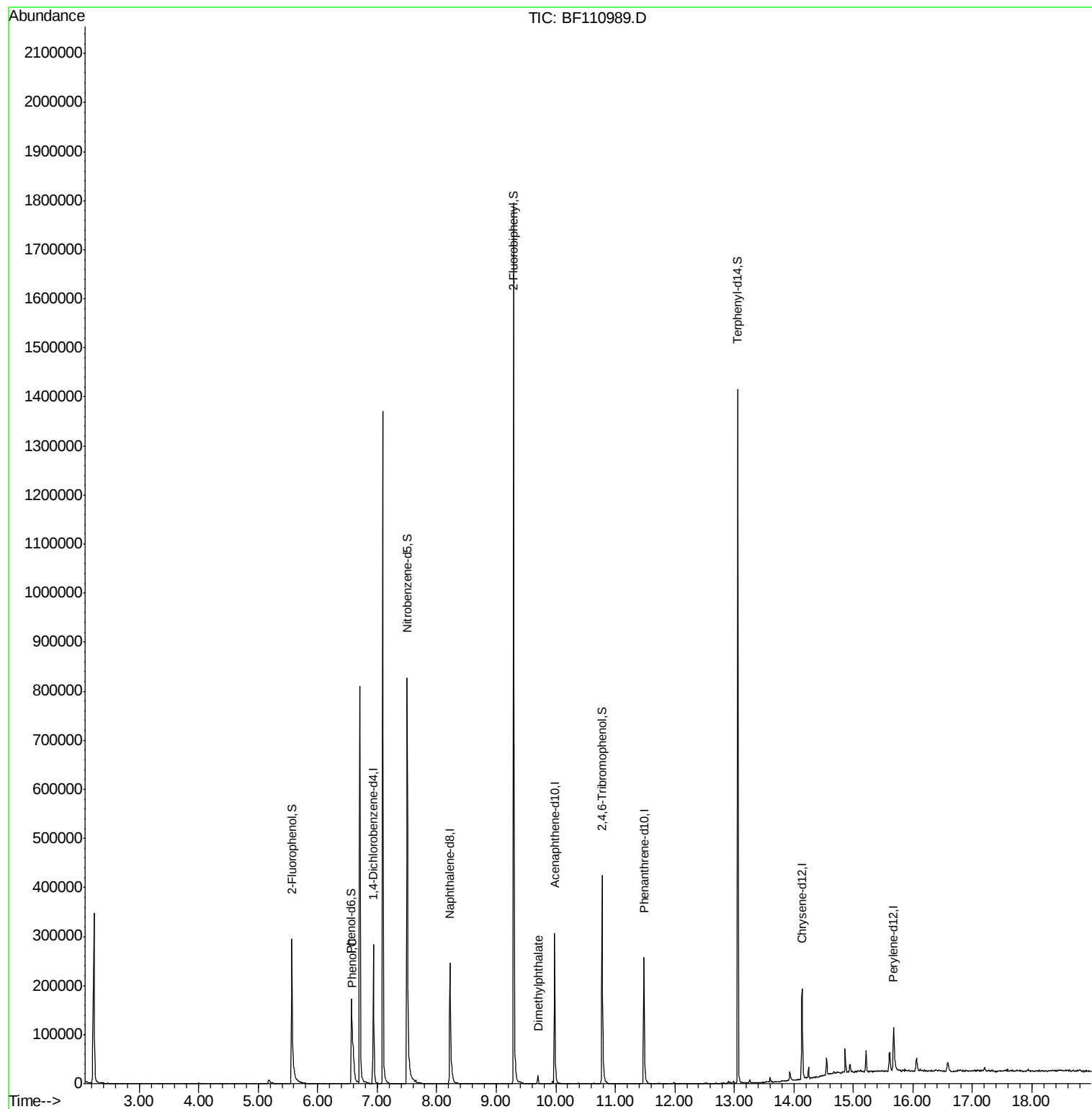
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	48340	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	176686	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	70781	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	129228	20.00	ng	0.00
76) Chrysene-d12	14.14	240	82448	20.00	ng	0.00
87) Perylene-d12	15.67	264	60884	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	125042	42.90	ng	0.00
7) Phenol-d6	6.57	99	92980	24.48	ng	-0.02
23) Nitrobenzene-d5	7.50	82	317552	102.86	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	64684	92.02	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	545260	111.61	ng	0.00
79) Terphenyl-d14	13.06	244	484725	114.45	ng	0.00
Target Compounds						
10) Phenol	6.59	94	15446	3.611	ng	80
50) Dimethylphthalate	9.70	163	11577	2.230	ng	96

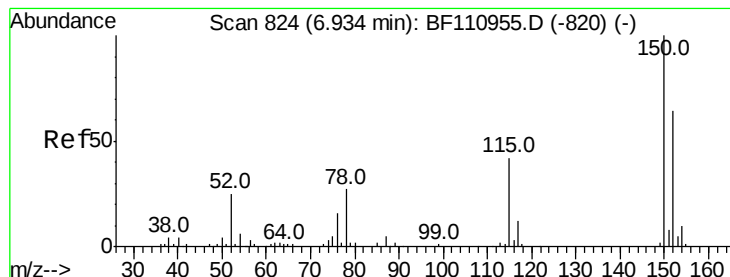
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-D-B

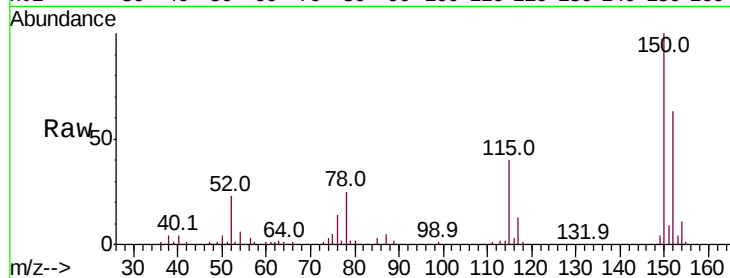
Tot Ion:152 Resp: 48340

Ion Ratio Lower Upper

152 100

150 158.3 122.7 184.1

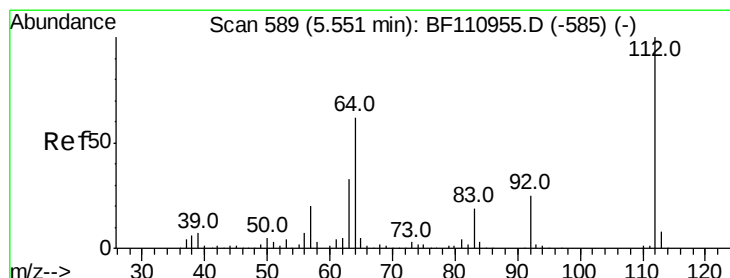
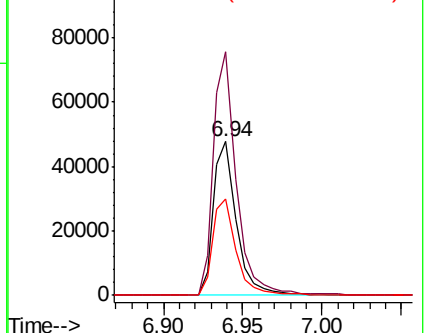
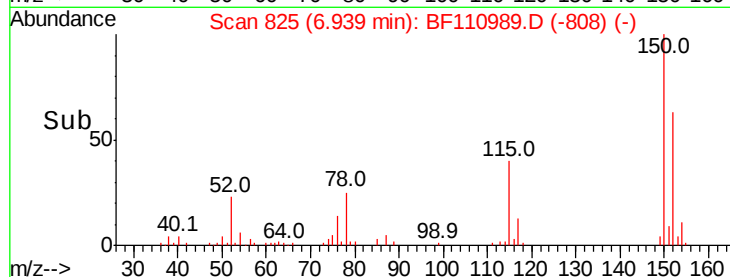
115 62.6 49.1 73.7



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: 42.896 ng

RT: 5.56 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

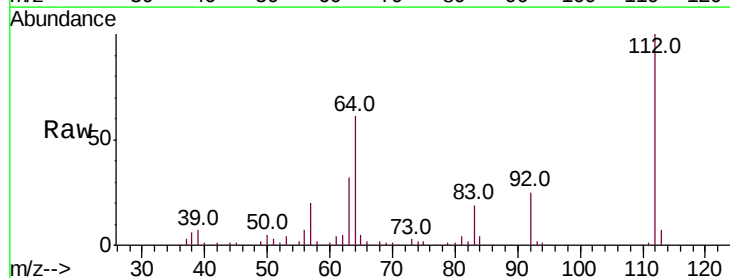
Tgt Ion:112 Resp: 125042

Ion Ratio Lower Upper

112 100

64 61.1 44.1 66.1

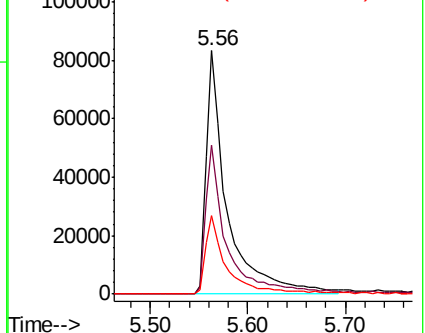
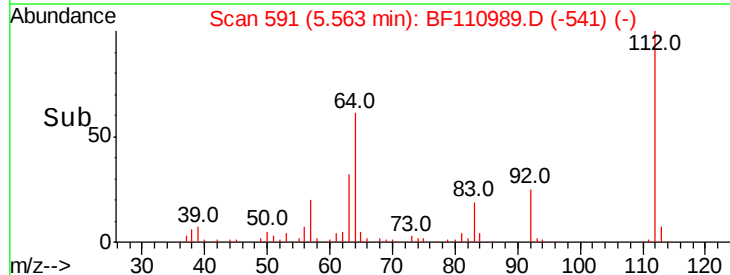
63 32.1 23.7 35.5

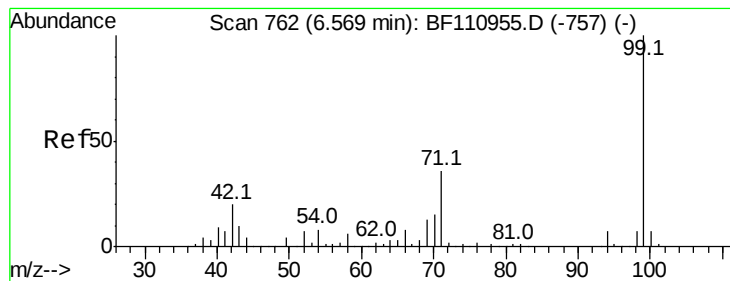


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.477 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-D-B

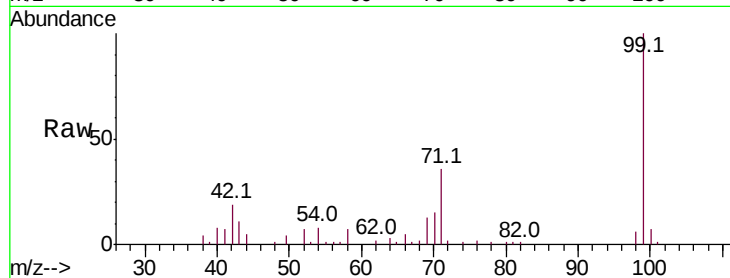
Tot Ion: 99 Resp: 92980

Ion Ratio Lower Upper

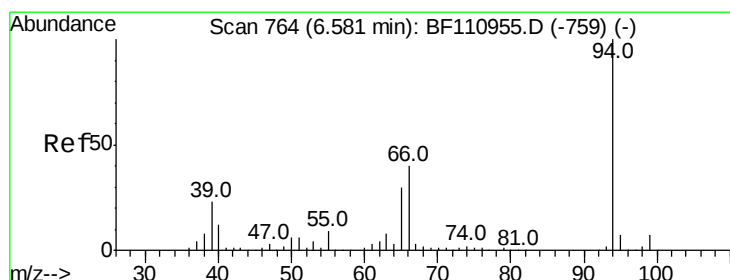
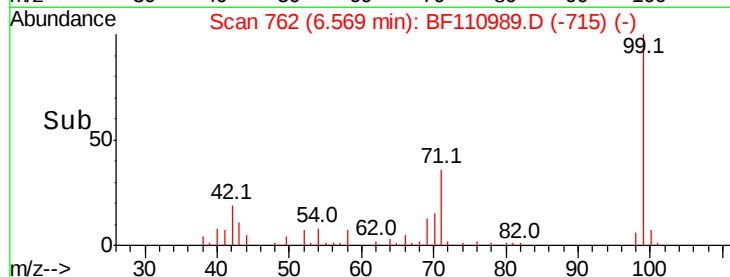
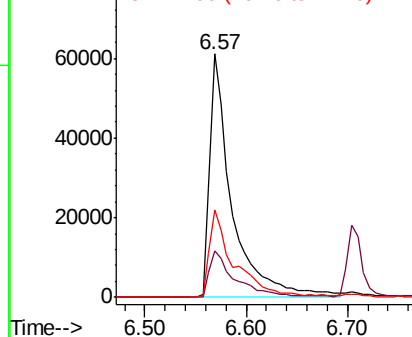
99 100

42 18.9 15.8 23.6

71 36.1 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: 3.611 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

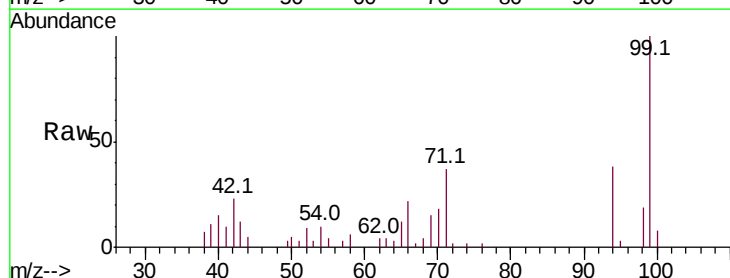
Tgt Ion: 94 Resp: 15446

Ion Ratio Lower Upper

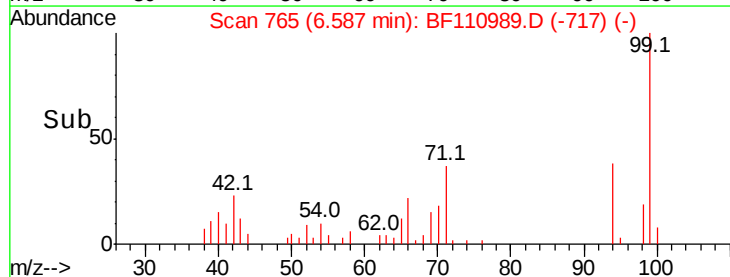
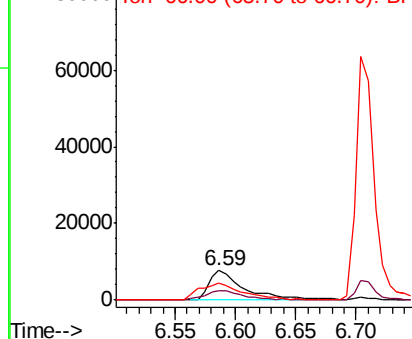
94 100

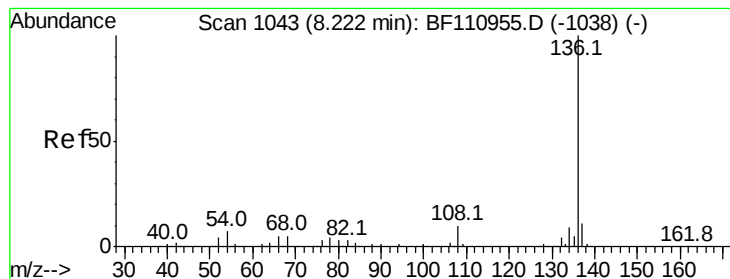
65 32.1 25.3 65.3

66 57.0 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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-D-B

Tot Ion:136 Resp: 176686

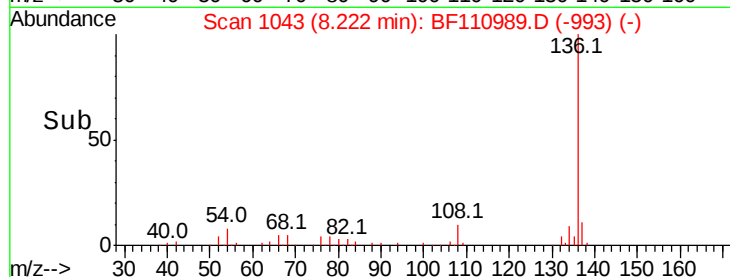
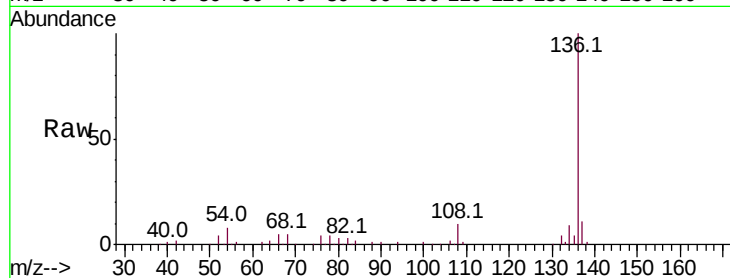
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.9 5.4 8.2

68 4.6 4.2 6.2

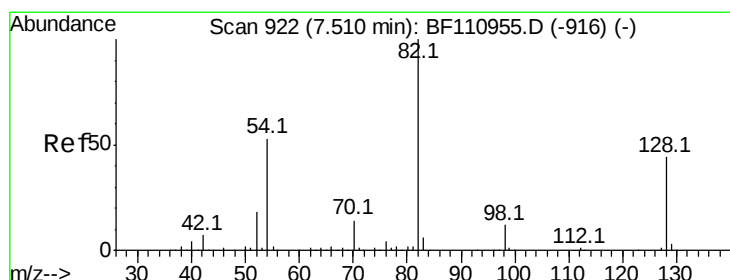
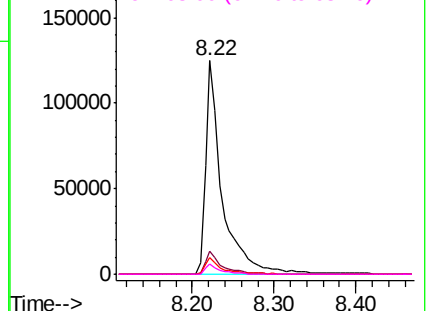


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.859 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

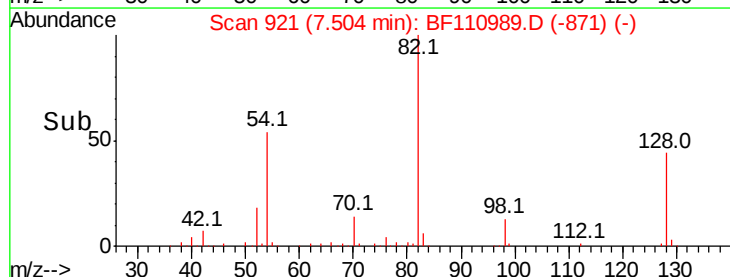
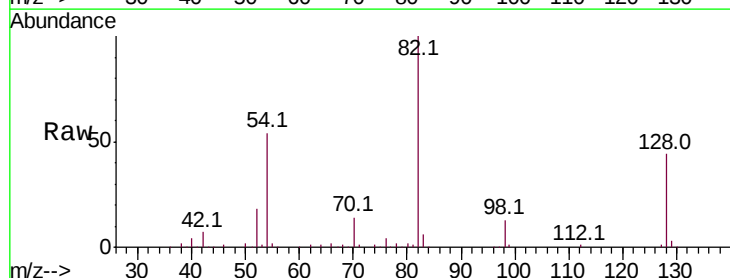
Tgt Ion: 82 Resp: 317552

Ion Ratio Lower Upper

82 100

128 44.1 34.2 51.2

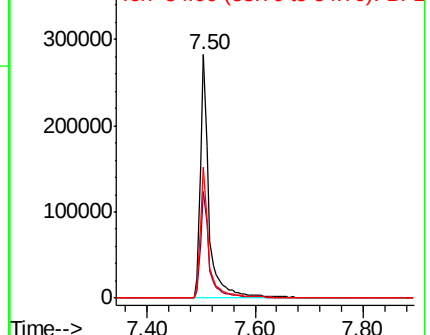
54 53.9 38.6 58.0

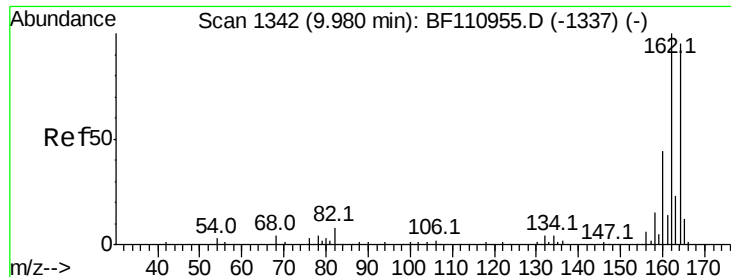


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

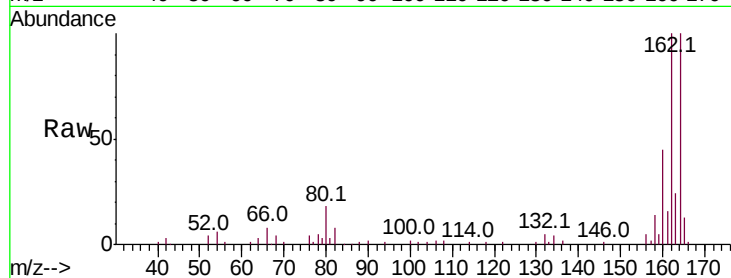




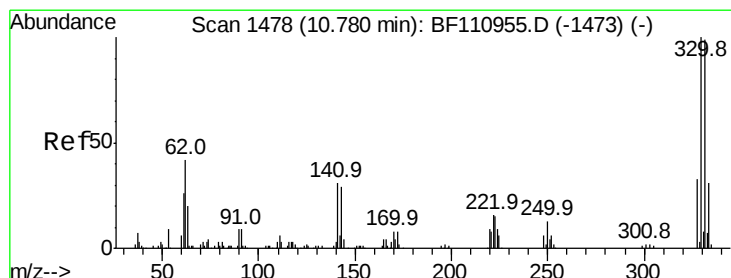
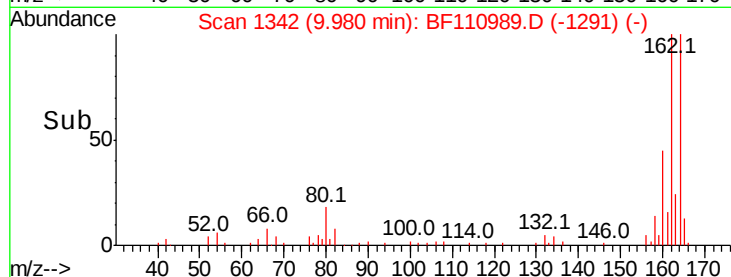
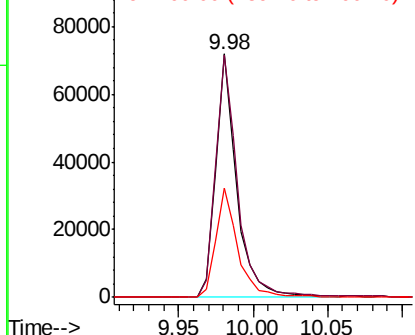
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF110989.D
 Acq: 27 Nov 2018 3:53

Instrument :
 BNA_F
 ClientSampleId :
 112018-DBRI-E-D-B

Tot Ion:164 Resp: 70781
 Ion Ratio Lower Upper
 164 100
 162 99.7 83.0 124.6
 160 44.7 37.0 55.6

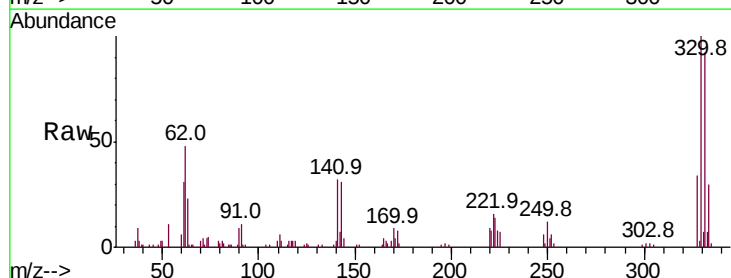


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

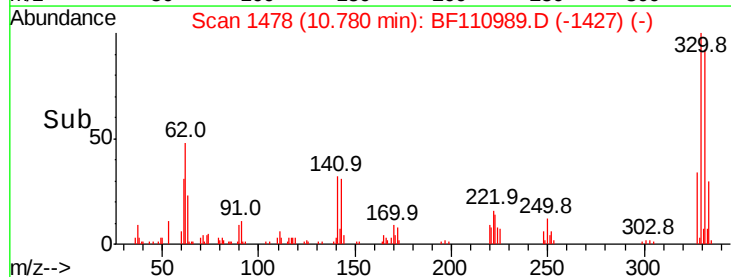
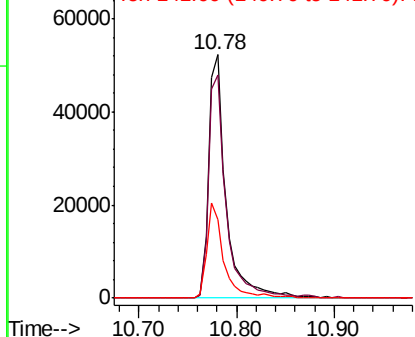


#42
 2,4,6-Tribromophenol
 Concen: 92.018 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF110989.D
 Acq: 27 Nov 2018 3:53

Tgt Ion:330 Resp: 64684
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.1 115.7
 141 38.1 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

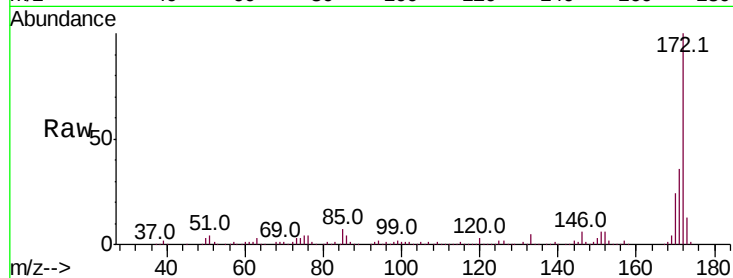




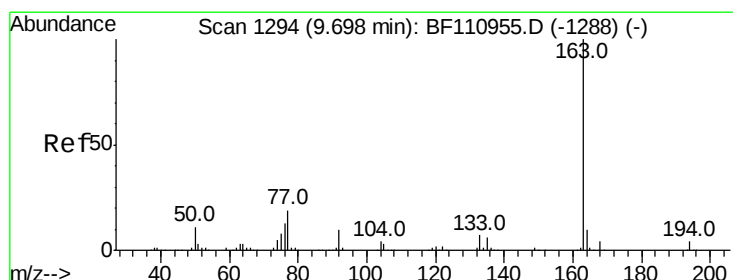
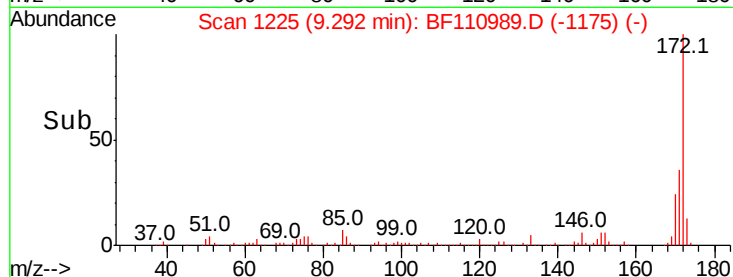
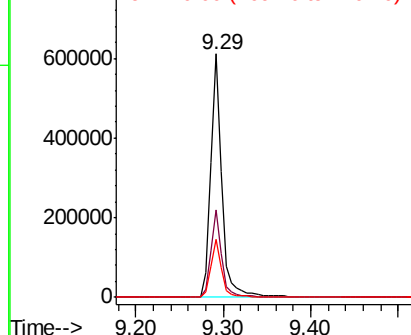
#45
2-Fluorobiphenyl
Concen: 111.606 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110989.D
Acq: 27 Nov 2018 3:53

Instrument :
BNA_F
ClientSampleId :
112018-DBRI-E-D-B

Tot Ion:172 Resp: 545260
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.9 19.7 29.5

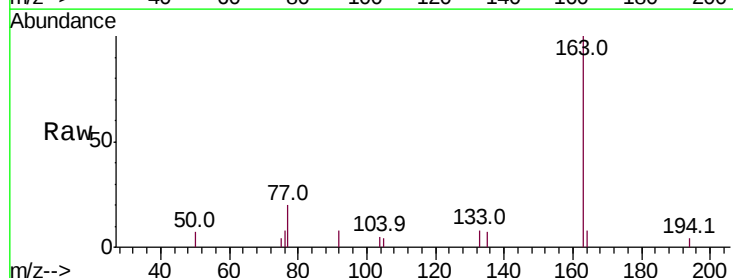


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

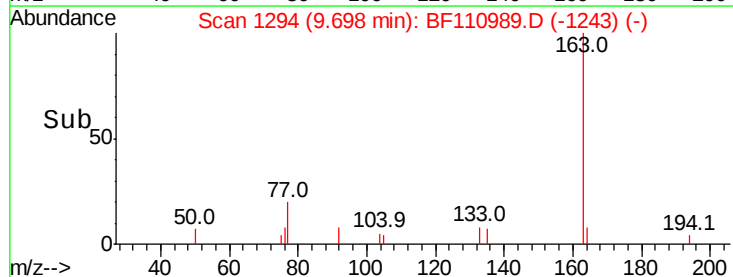
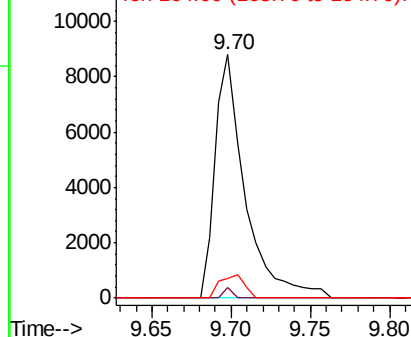


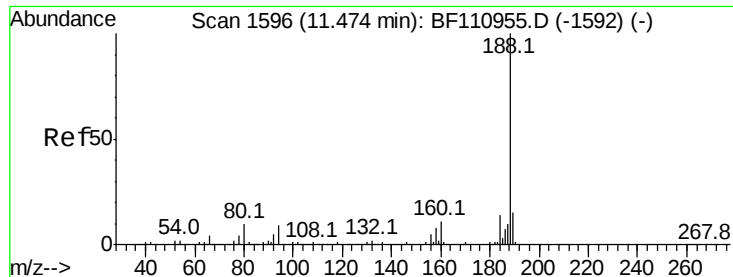
#50
Dimethylphthalate
Concen: 2.230 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF110989.D
Acq: 27 Nov 2018 3:53

Tgt Ion:163 Resp: 11577
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 8.2 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. 0.00 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-D-B

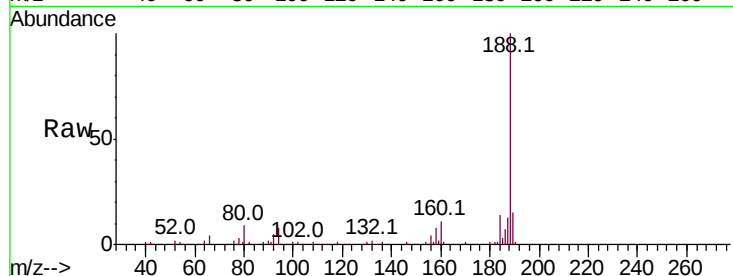
Tot Ion:188 Resp: 129228

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

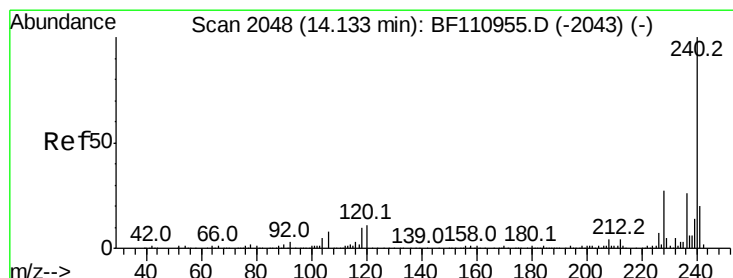
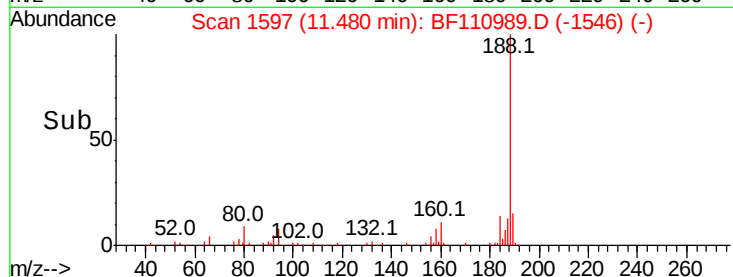
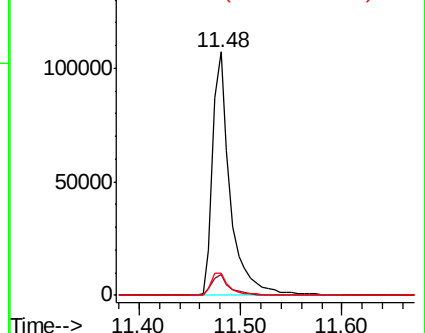
80 9.3 7.9 11.9



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: 14.14 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

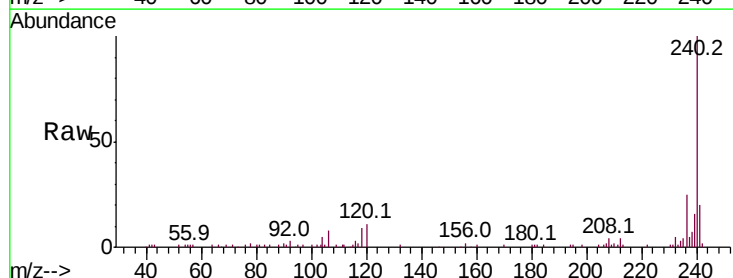
Tgt Ion:240 Resp: 82448

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

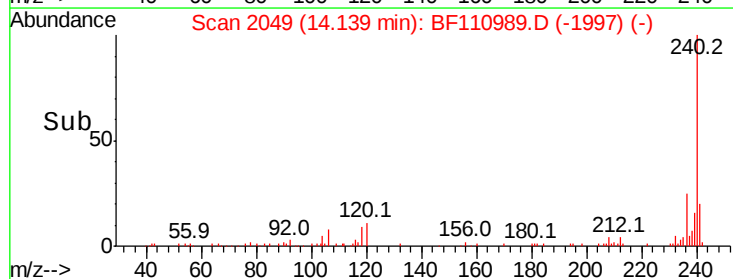
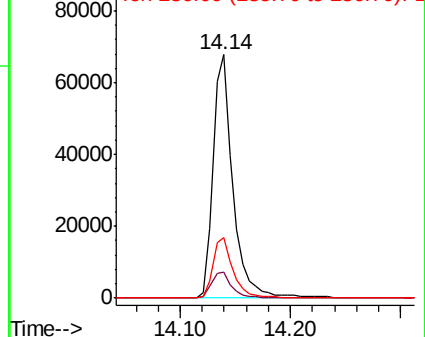
236 25.1 21.2 31.8

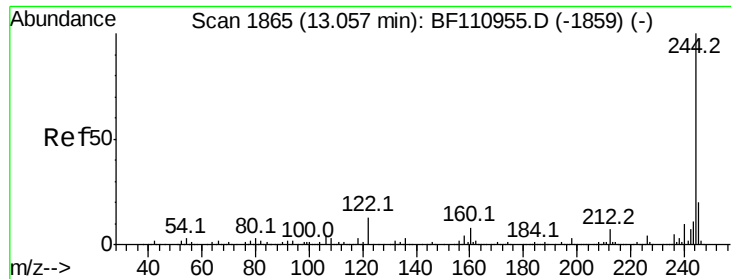


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 114.446 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF110989.D

Acq: 27 Nov 2018 3:53

Instrument :

BNA_F

ClientSampleId :

112018-DBRI-E-D-B

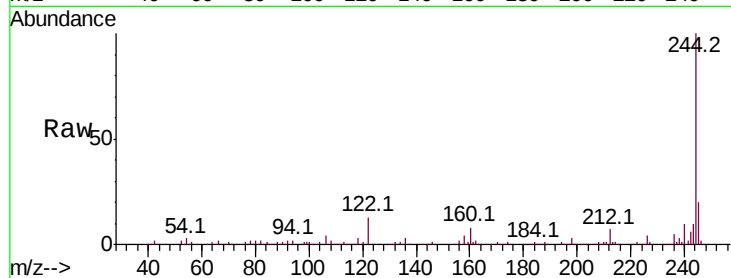
Tot Ion:244 Resp: 484725

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

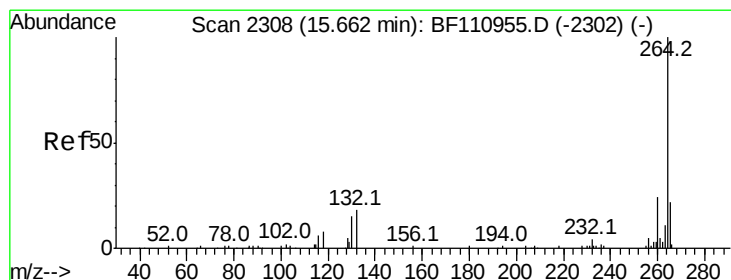
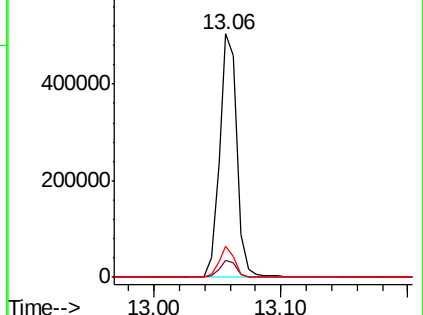
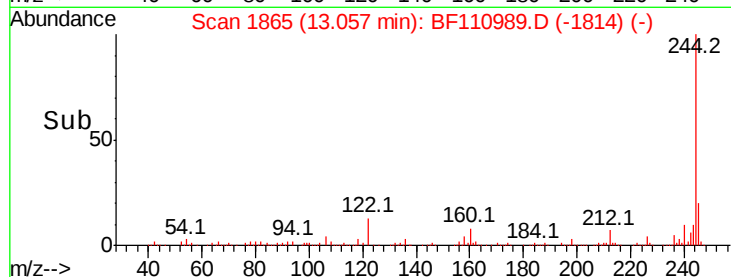
122 12.6 8.7 13.1



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: BF110989.D

Acq: 27 Nov 2018 3:53

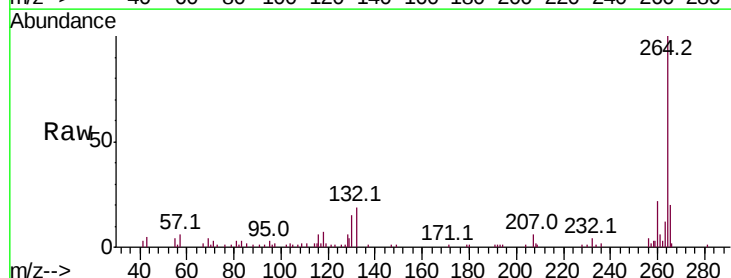
Tgt Ion:264 Resp: 60884

Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

265 20.5 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

