

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090617\
 Data File : BE093952.D
 Acq On : 6 Sep 2017 10:50
 Operator : SJ/JU
 Sample : PB102046BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102046BL

Quant Time: Sep 06 18:29:00 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1774	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	8296	0.40	ng	0.02
13) Acenaphthene-d10	14.54	164	5029	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	13355	0.40	ng	0.00
27) Chrysene-d12	21.43	240	14211	0.40	ng	0.00
34) Perylene-d12	23.94	264	11077	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	1902	0.33	ng	0.00
5) Phenol-d6	7.13	99	2264	0.26	ng	0.01
8) Nitrobenzene-d5	9.08	82	2210	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.32	152	4558	0.34	ng	0.03
14) 2,4,6-Tribromophenol	16.06	330	364	0.23	ng	0.03
15) 2-Fluorobiphenyl	13.18	172	6010	0.30	ng	0.02
25) Fluoranthene-d10	19.29	212	52789	0.27	ng	0.00
29) Terphenyl-d14	19.87	244	9923	0.38	ng	0.00

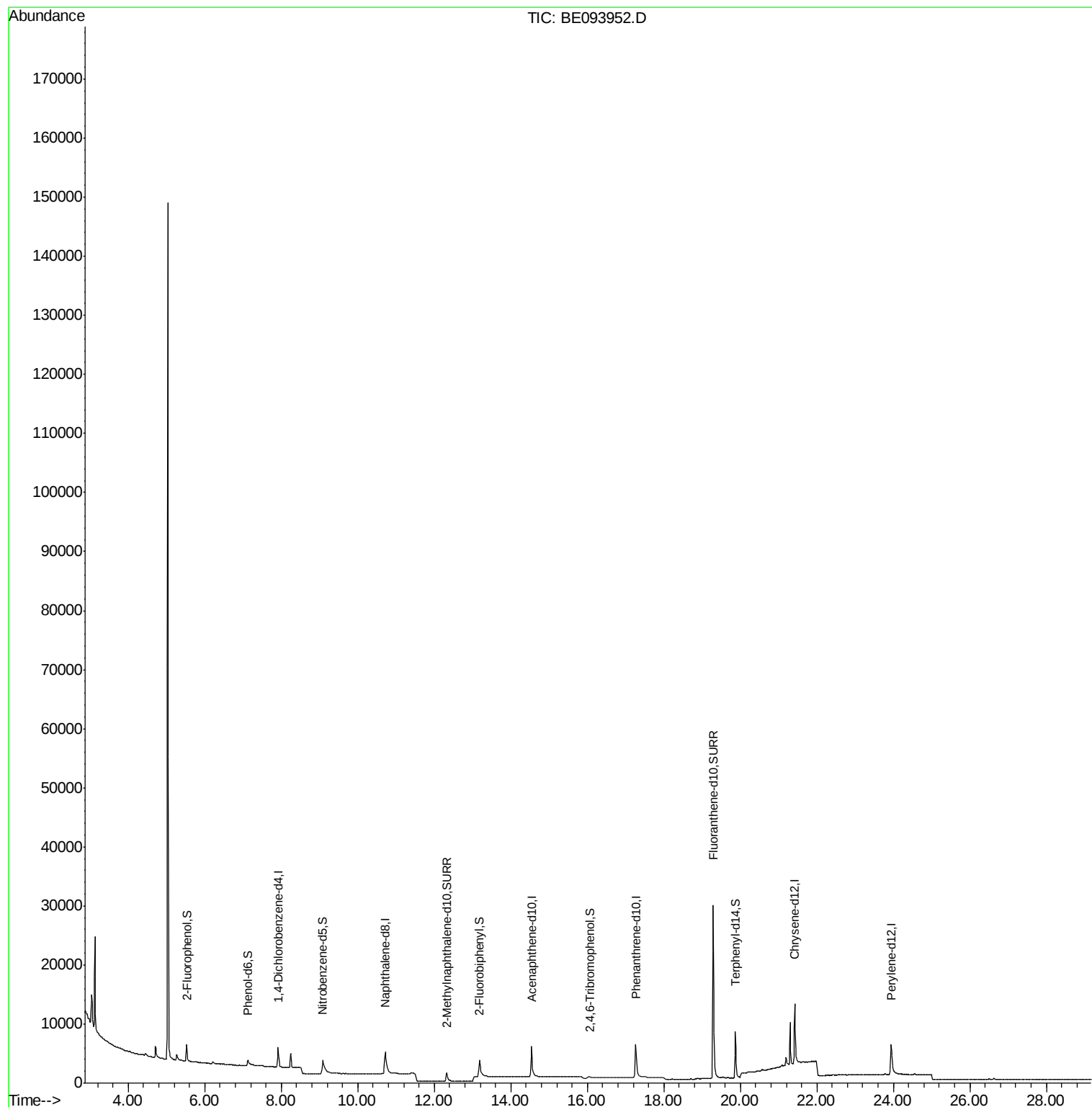
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 05 13:34:56 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.00 min

Lab File: BE093952.D

Acq: 6 Sep 2017 10:50

Instrument :

BNA_E

ClientSampleId :

PB102046BL

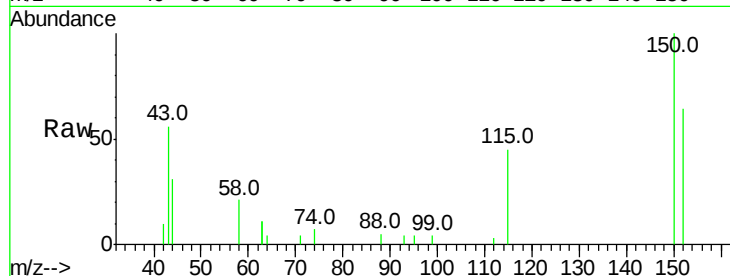
Tot Ion:152 Resp: 1774

Ion Ratio Lower Upper

152 100

150 155.4 121.8 182.6

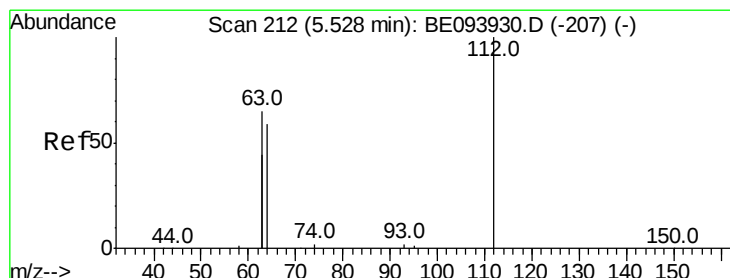
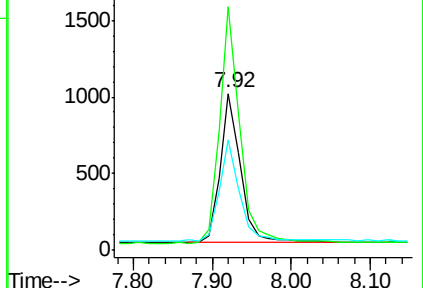
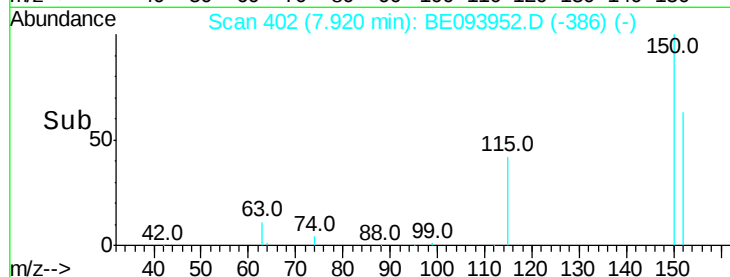
115 70.3 52.6 79.0



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



#4

2-Fluorophenol

Concen: 0.331 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093952.D

Acq: 6 Sep 2017 10:50

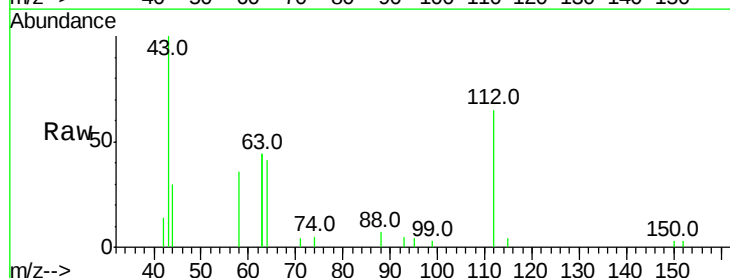
Tgt Ion:112 Resp: 1902

Ion Ratio Lower Upper

112 100

64 71.9 57.7 86.5

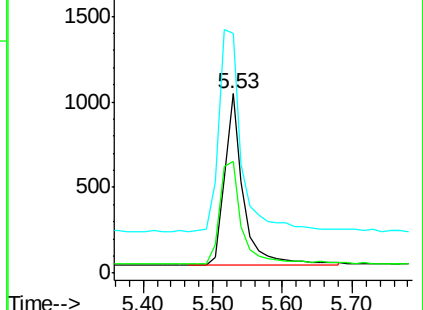
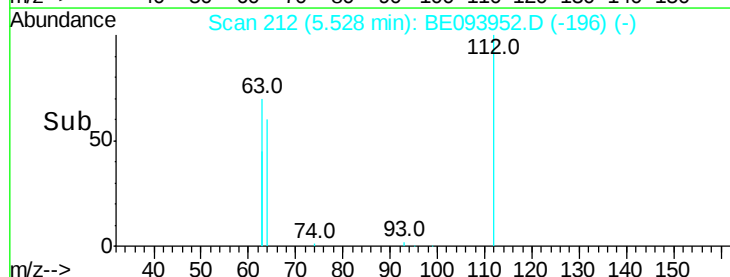
63 144.7 116.0 174.0

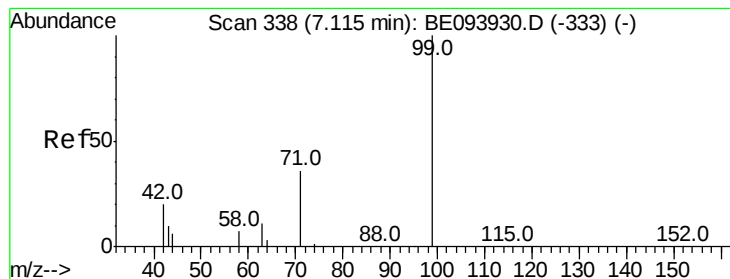


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.263 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093952.D

Acq: 6 Sep 2017 10:50

Instrument :

BNA_E

ClientSampleId :

PB102046BL

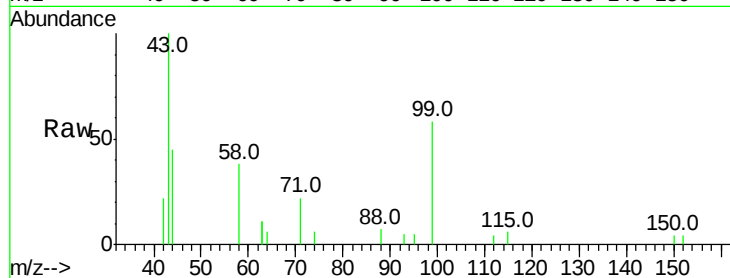
Tot Ion: 99 Resp: 2264

Ion Ratio Lower Upper

99 100

42 21.0 17.1 25.7

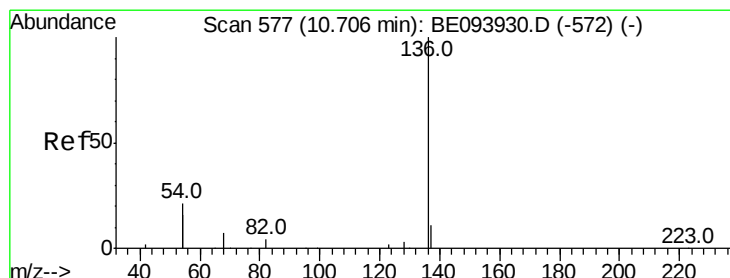
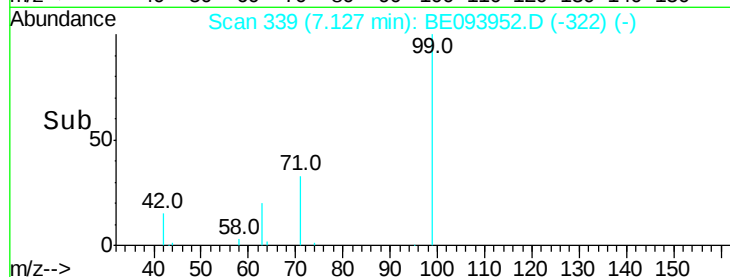
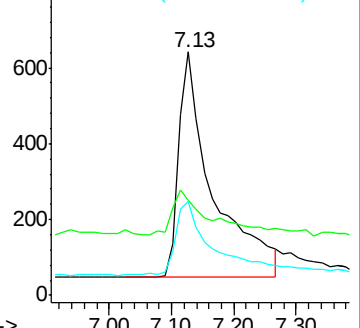
71 35.8 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE093952.D

Acq: 6 Sep 2017 10:50

Tgt Ion: 136 Resp: 8296

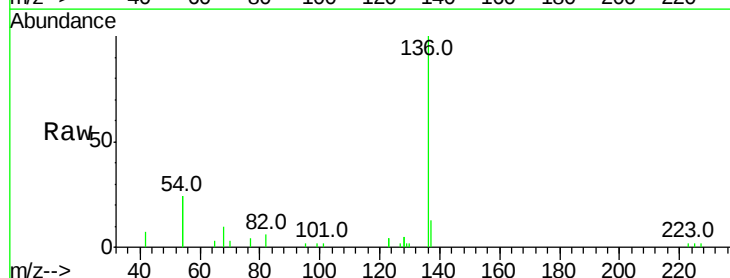
Ion Ratio Lower Upper

136 100

137 13.0 9.2 13.8

54 47.7 21.9 32.9#

68 9.7 4.6 7.0#

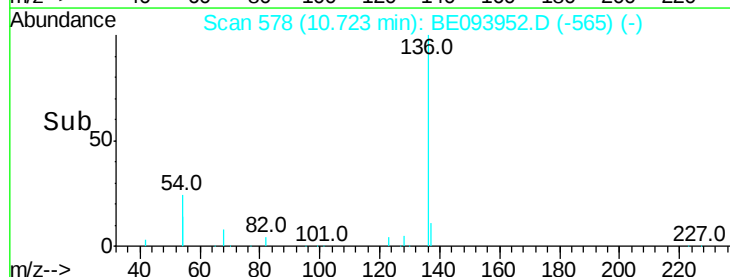
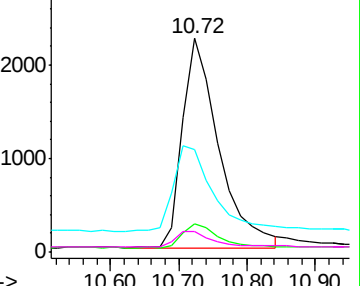


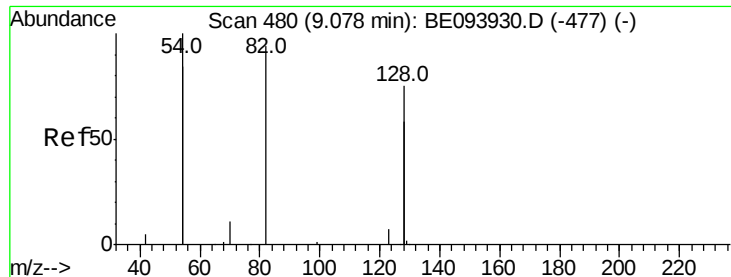
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.315 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093952.D

Acq: 6 Sep 2017 10:50

Instrument :

BNA_E

ClientSampleId :

PB102046BL

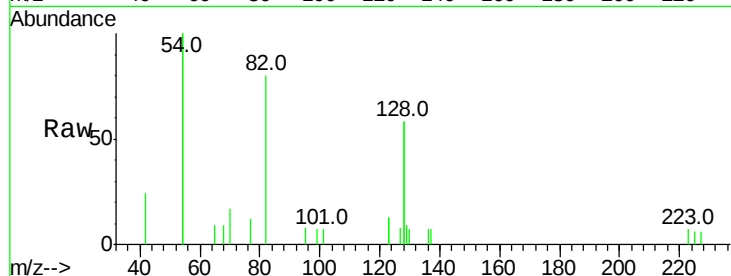
Tot Ion: 82 Resp: 2210

Ion Ratio Lower Upper

82 100

128 144.7 91.4 137.0#

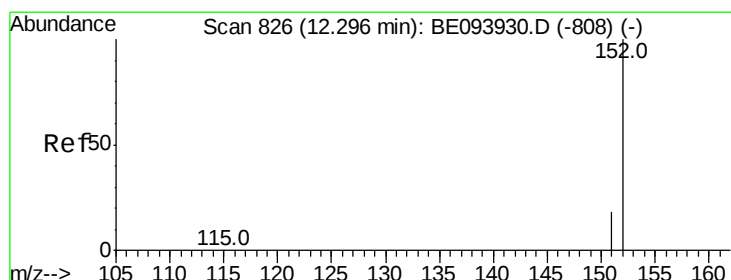
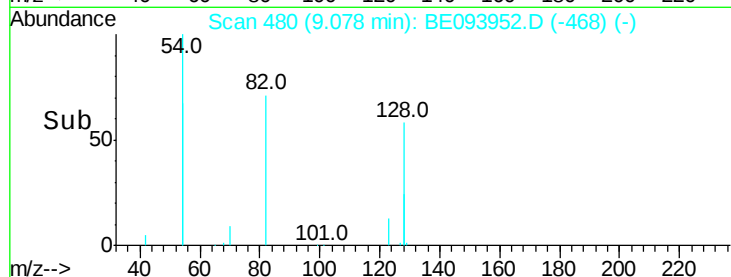
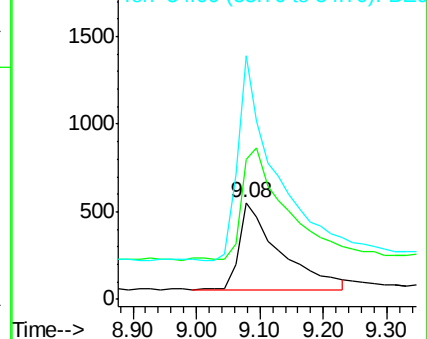
54 251.4 197.8 296.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.343 ng

RT: 12.32 min Scan# 833

Delta R.T. 0.03 min

Lab File: BE093952.D

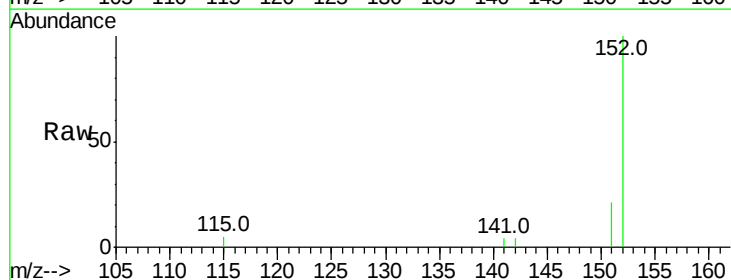
Acq: 6 Sep 2017 10:50

Tgt Ion: 152 Resp: 4558

Ion Ratio Lower Upper

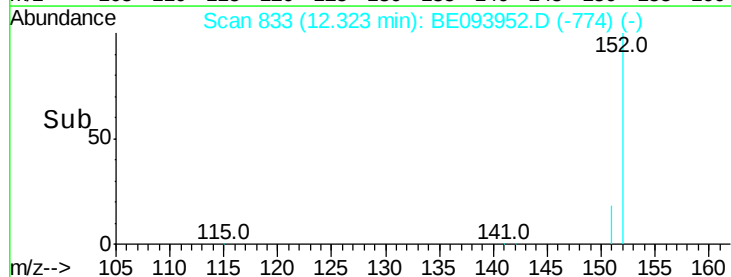
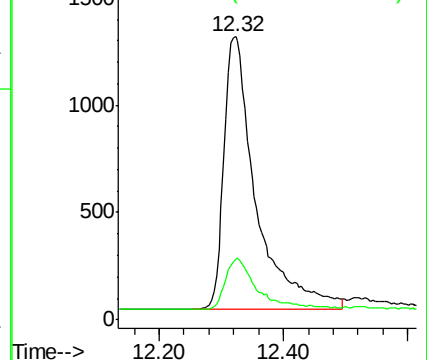
152 100

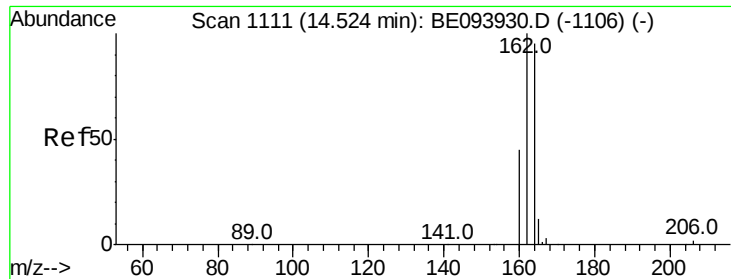
151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

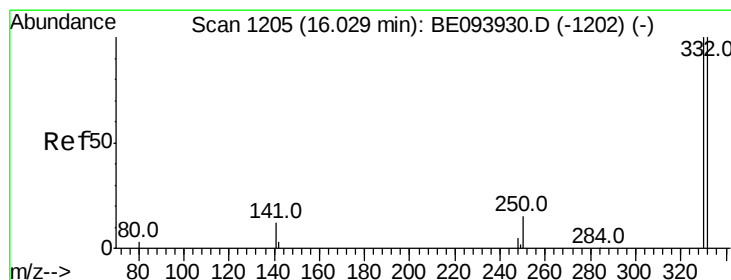
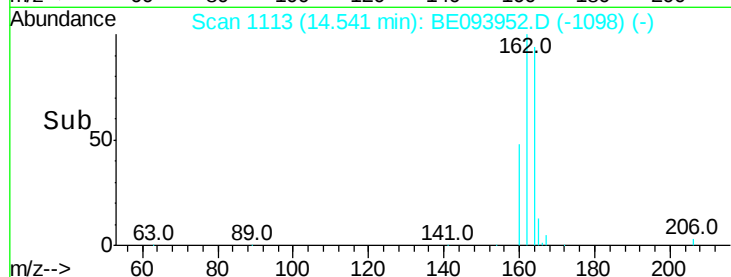
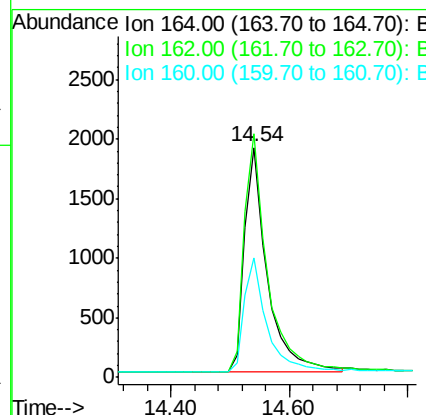
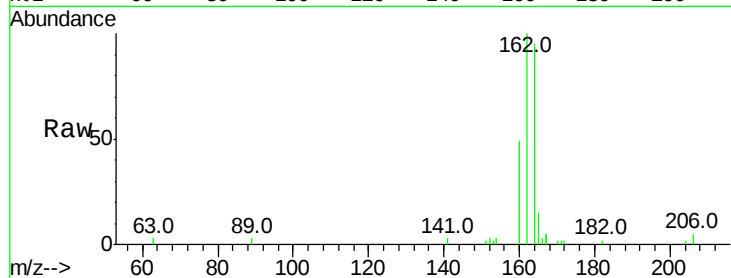




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.02 min
Lab File: BE093952.D
Acq: 6 Sep 2017 10:50

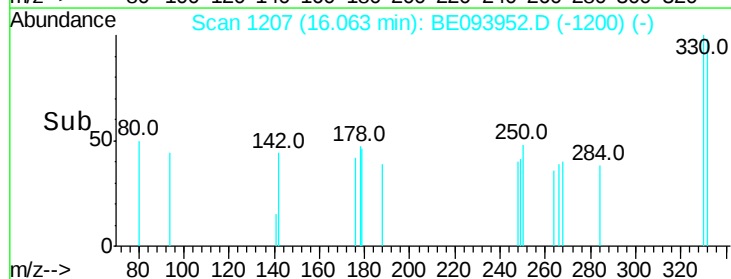
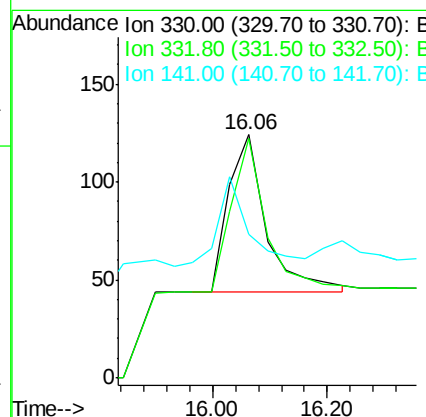
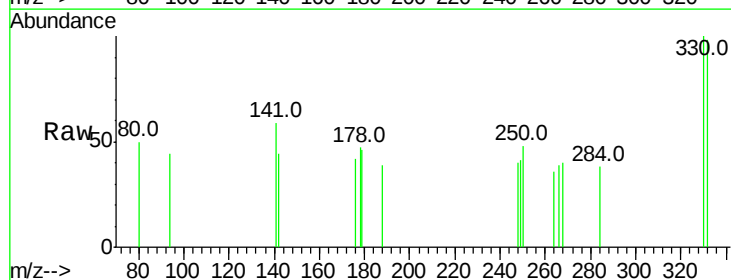
Instrument :
BNA_E
ClientSampleId :
PB102046BL

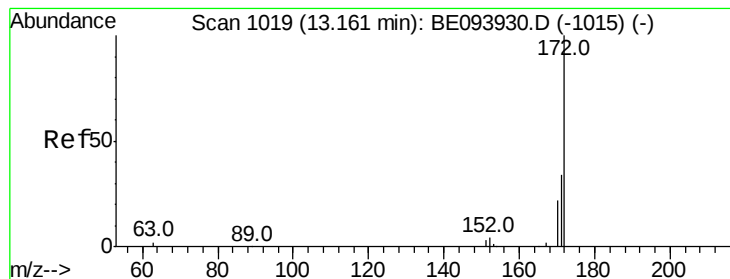
Tot Ion:164 Resp: 5029
Ion Ratio Lower Upper
164 100
162 105.8 80.8 121.2
160 51.7 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 16.06 min Scan# 1207
Delta R.T. 0.03 min
Lab File: BE093952.D
Acq: 6 Sep 2017 10:50

Tgt Ion:330 Resp: 364
Ion Ratio Lower Upper
330 100
332 91.2 76.9 115.3
141 0.0 0.0 0.0





#15

2-Fluorobiphenyl

Concen: 0.302 ng

RT: 13.18 min Scan# 1021

Delta R.T. 0.02 min

Lab File: BE093952.D

Acq: 6 Sep 2017 10:50

Instrument :

BNA_E

ClientSampleId :

PB102046BL

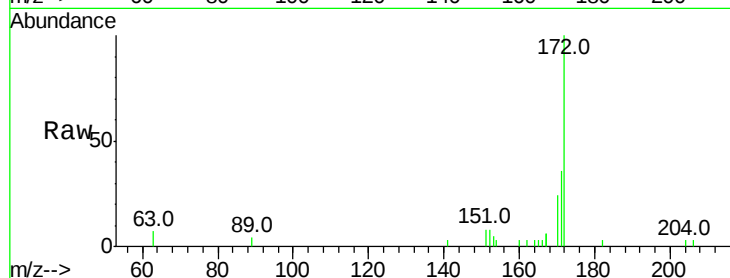
Tot Ion:172 Resp: 6010

Ion Ratio Lower Upper

172 100

171 35.8 26.9 40.3

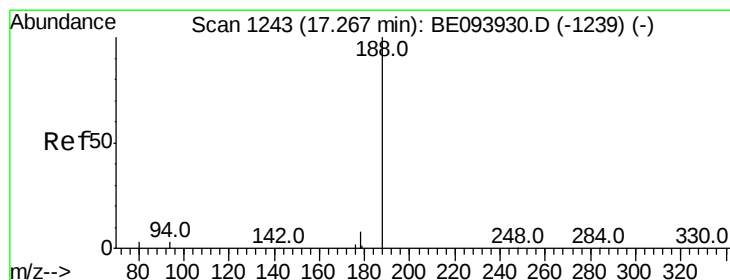
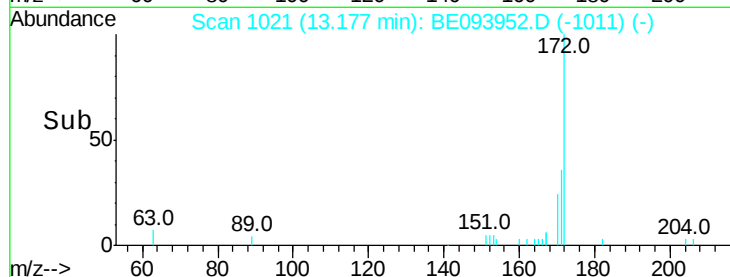
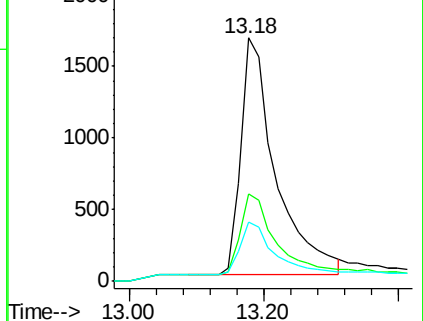
170 24.2 17.3 25.9



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE093952.D

Acq: 6 Sep 2017 10:50

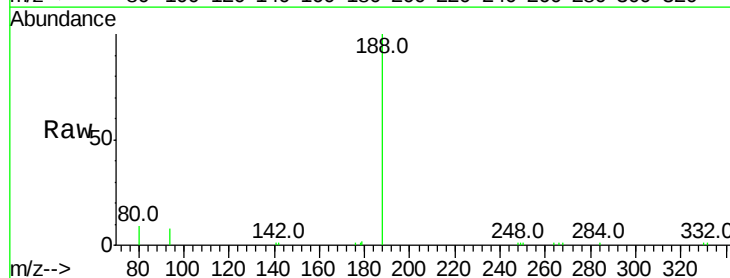
Tgt Ion:188 Resp: 13355

Ion Ratio Lower Upper

188 100

94 8.3 16.1 24.1#

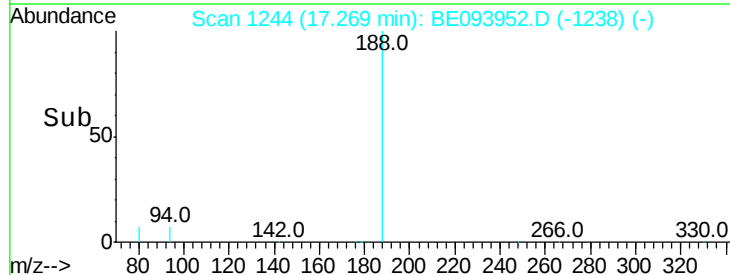
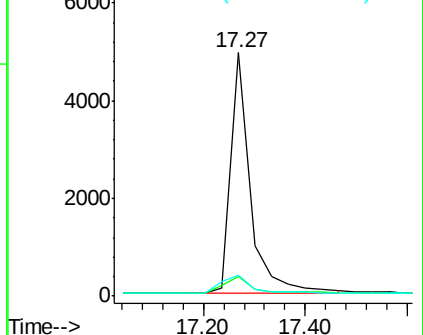
80 8.6 18.2 27.2#

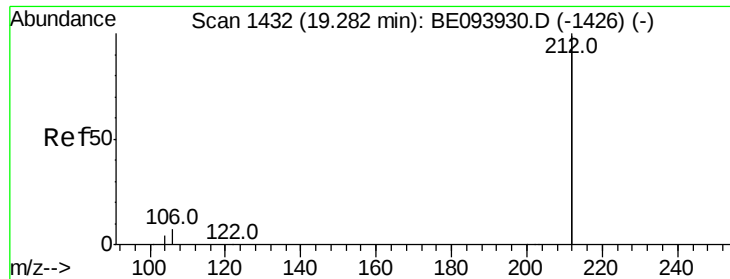


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.265 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE093952.D

Acq: 6 Sep 2017 10:50

Instrument :

BNA_E

ClientSampleId :

PB102046BL

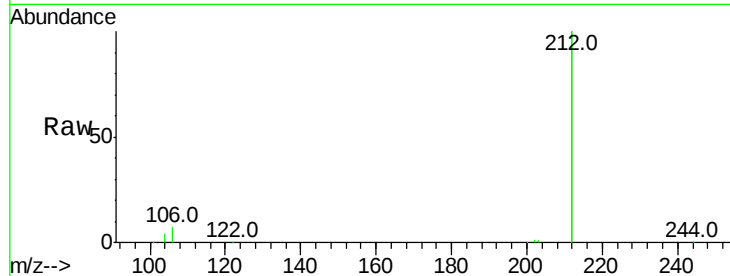
Tot Ion:212 Resp: 52789

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

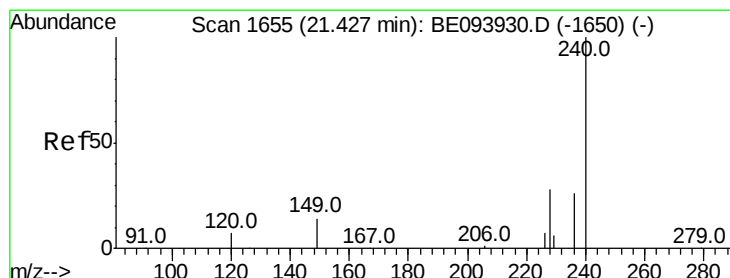
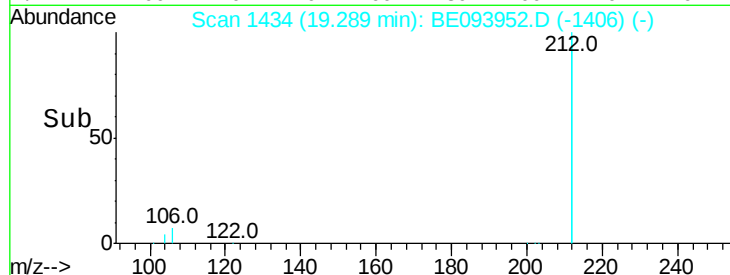
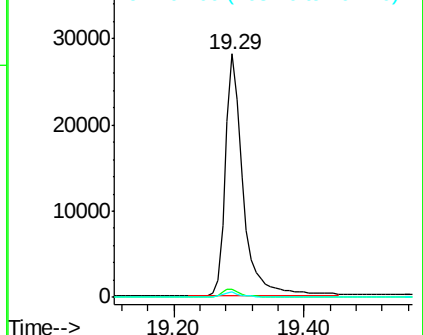
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE093952.D

Acq: 6 Sep 2017 10:50

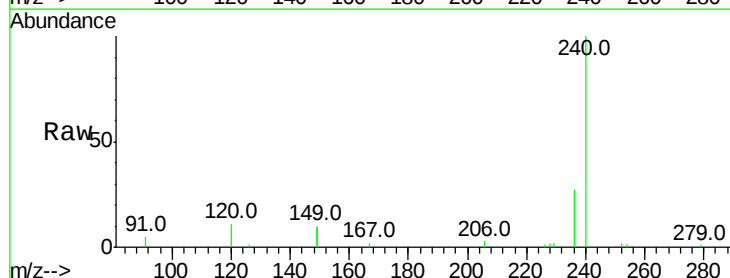
Tgt Ion:240 Resp: 14211

Ion Ratio Lower Upper

240 100

120 10.8 8.7 13.1

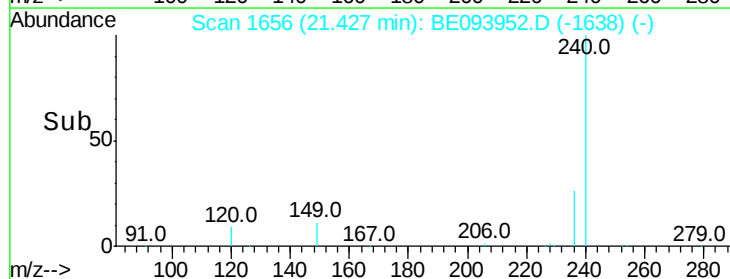
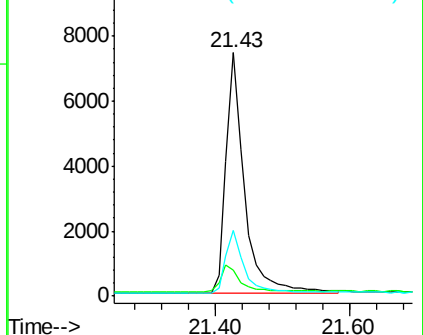
236 27.0 21.3 31.9

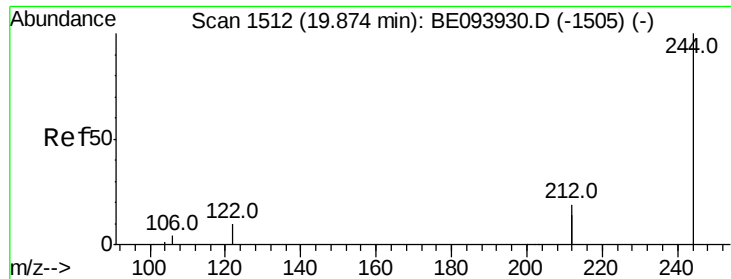


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.379 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BE093952.D

Acq: 6 Sep 2017 10:50

Instrument :

BNA_E

ClientSampleId :

PB102046BL

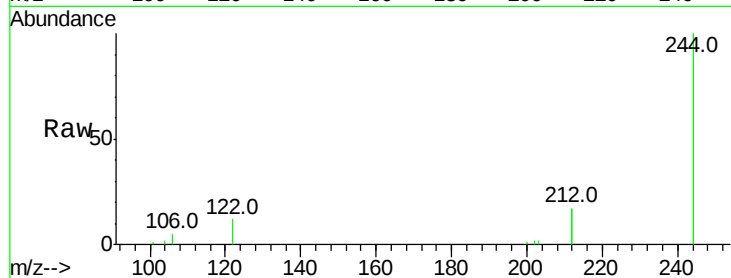
Tot Ion:244 Resp: 9923

Ion Ratio Lower Upper

244 100

212 34.2 28.3 42.5

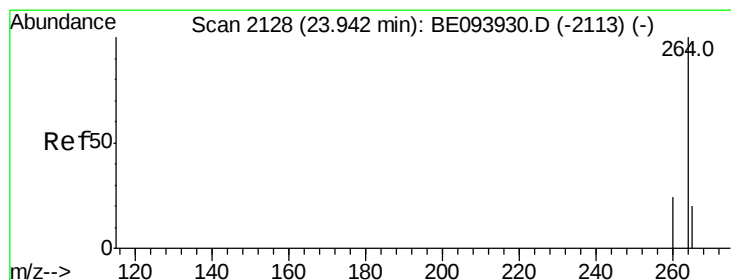
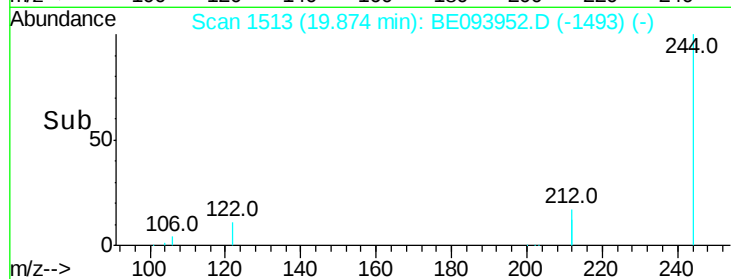
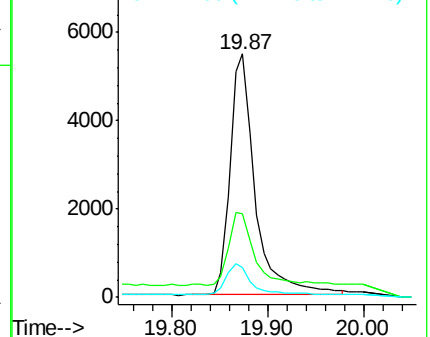
122 12.1 9.4 14.0



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE093952.D

Acq: 6 Sep 2017 10:50

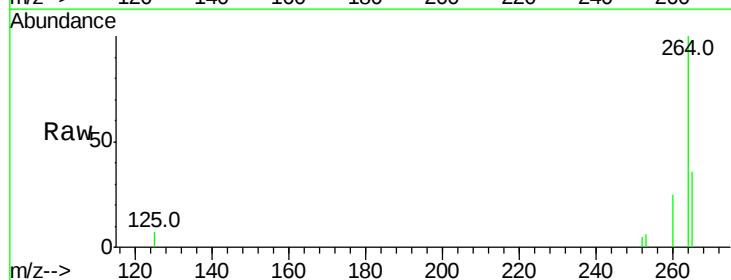
Tgt Ion:264 Resp: 11077

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 36.4 24.0 36.0#



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

