

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099865.D
 Acq On : 7 Jun 2019 22:43
 Operator : JU/SJ
 Sample : K3221-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309D-20190605

Quant Time: Jun 10 05:45:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	676	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2278	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1728	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5412	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10092	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12268	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	297	0.13	ng	0.00
5) Phenol-d6	6.98	99	231	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	704	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1253	0.30	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	480	0.28	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2146	0.34	ng	0.00
25) Fluoranthene-d10	19.25	212	30890	0.37	ng	0.00
29) Terphenyl-d14	19.85	244	7108	0.38	ng	0.00

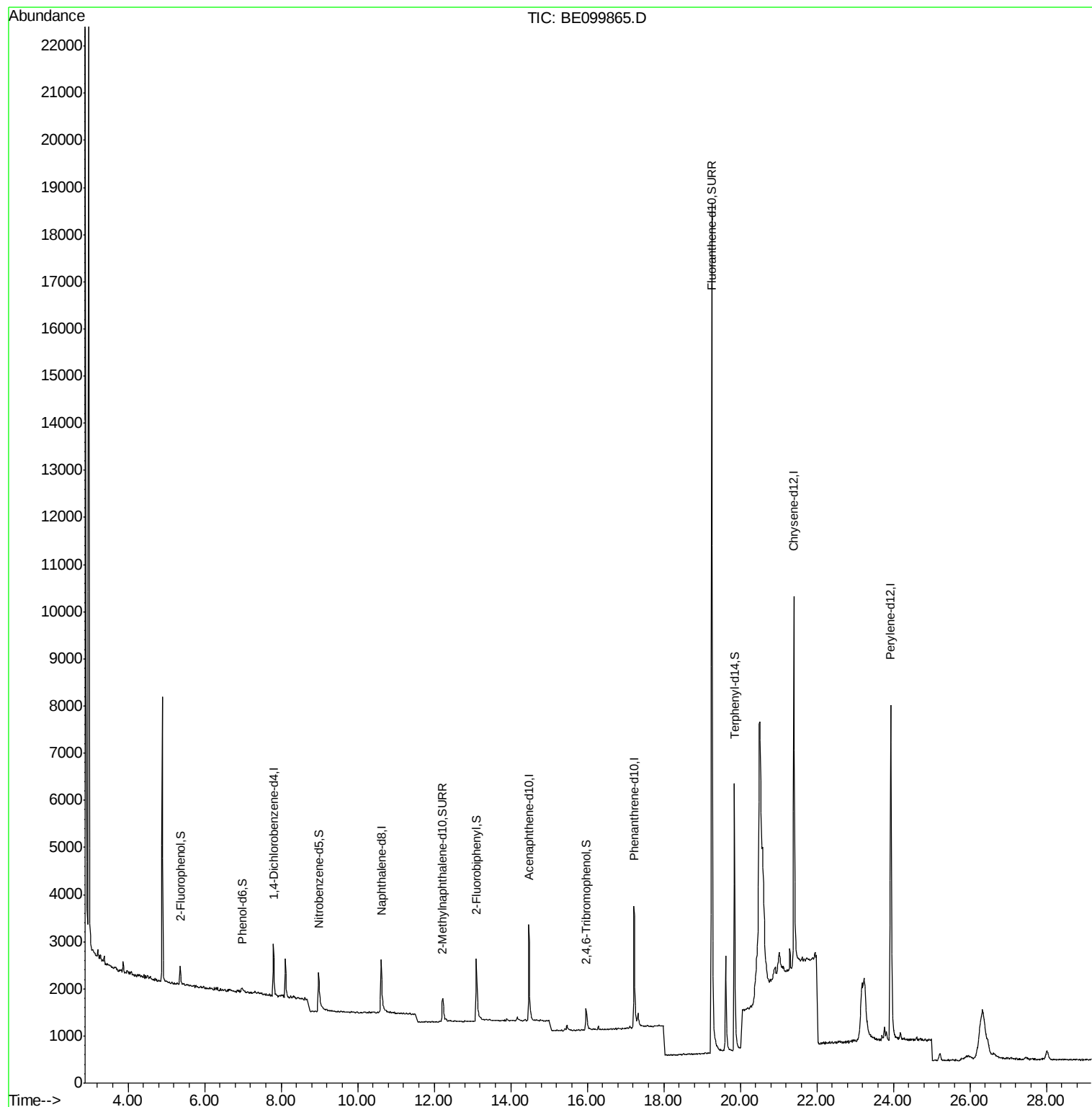
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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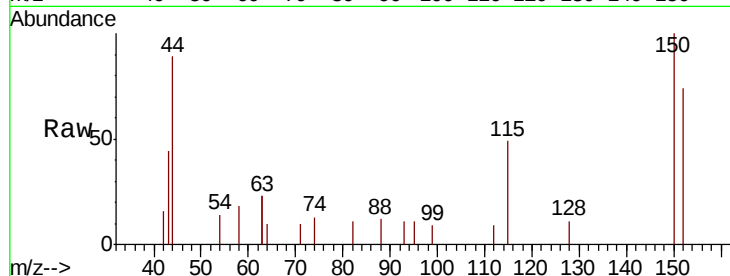


#1

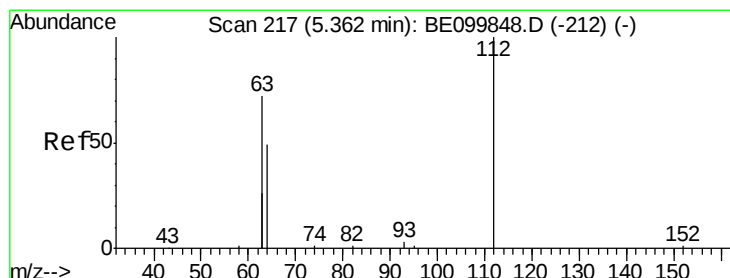
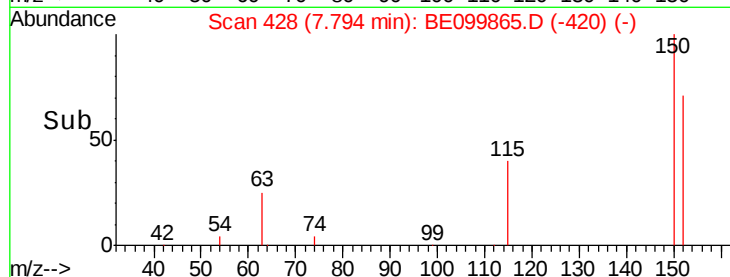
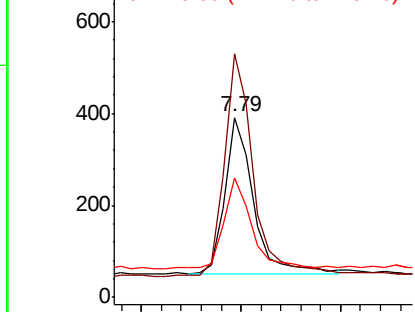
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309D-20190605

Tot Ion:152 Resp: 676
 Ion Ratio Lower Upper
 152 100
 150 135.5 112.8 169.2
 115 66.8 47.6 71.4



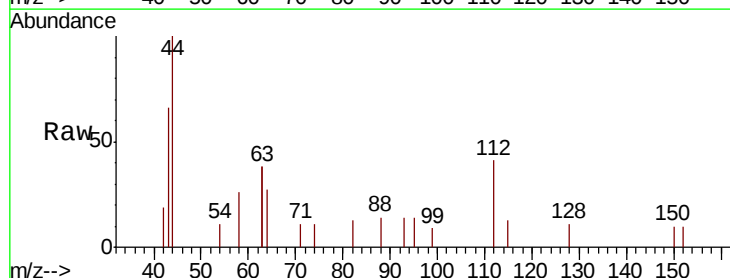
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



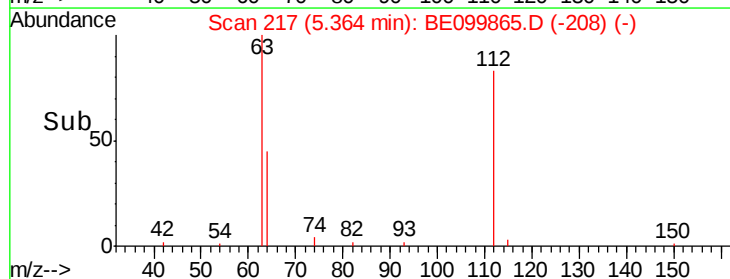
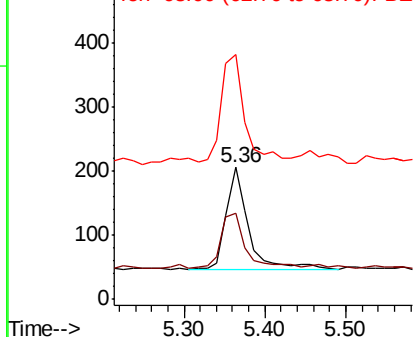
#4

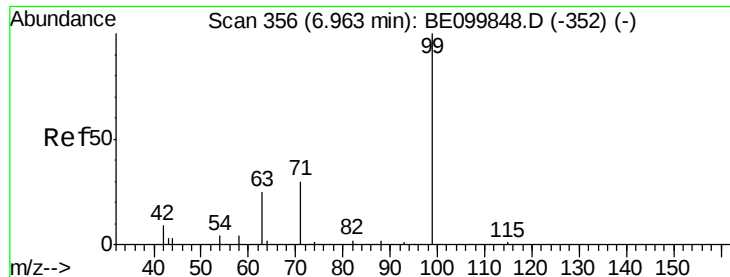
2-Fluorophenol
 Concen: 0.131 ng
 RT: 5.36 min Scan# 217
 Delta R.T. 0.00 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

Tgt Ion:112 Resp: 297
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.2 70.8
 63 111.8 90.7 136.1



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: 0.083 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

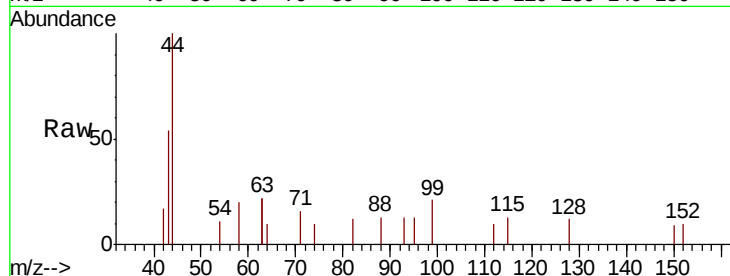
Tot Ion: 99 Resp: 231

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

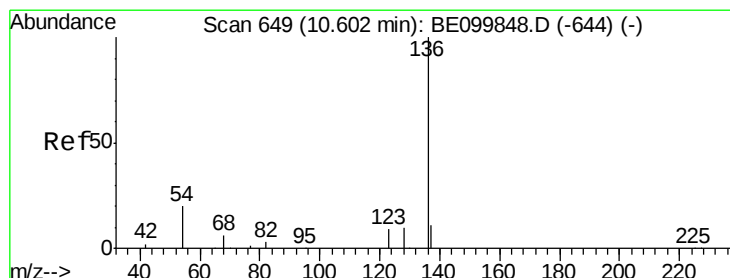
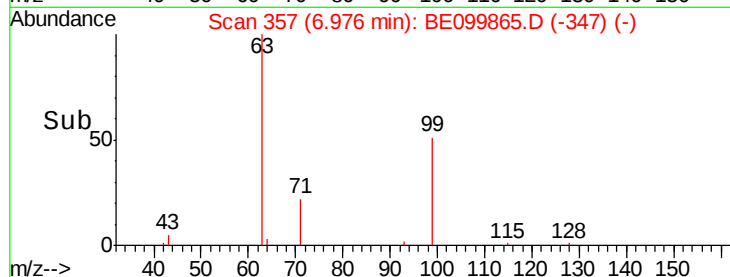
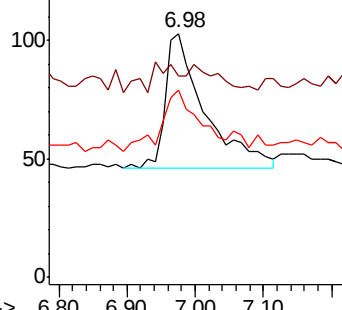
71 44.2 26.1 39.1#



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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Tgt Ion: 136 Resp: 2278

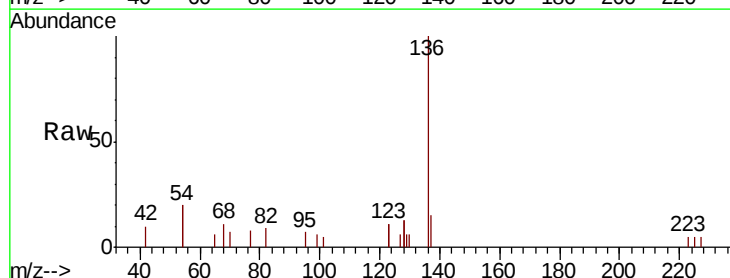
Ion Ratio Lower Upper

136 100

137 14.8 11.1 16.7

54 39.8 17.9 26.9#

68 10.7 5.4 8.0#

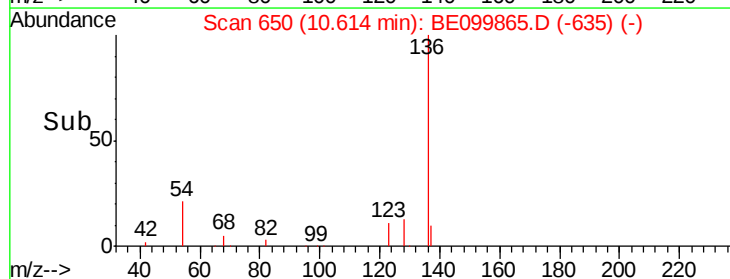
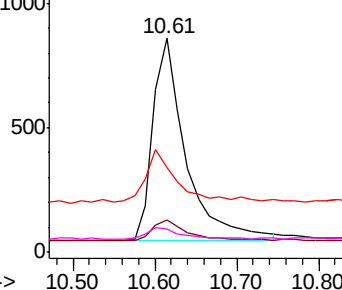


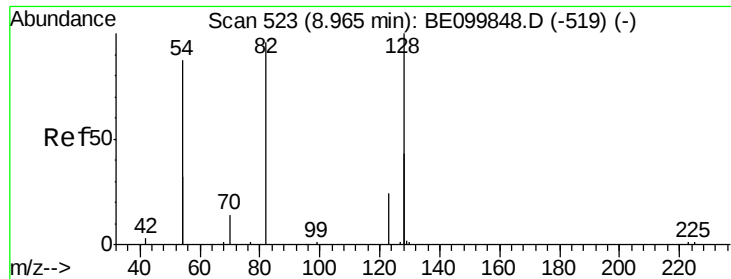
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.306 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

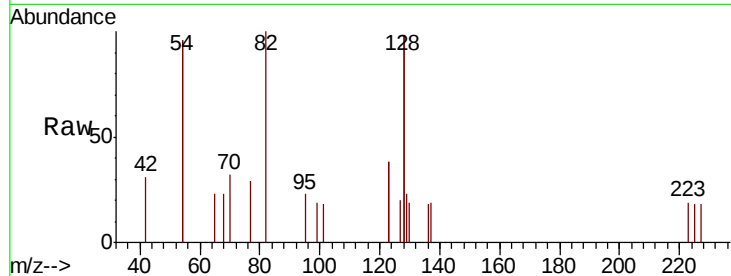
Tot Ion: 82 Resp: 704

Ion Ratio Lower Upper

82 100

128 195.3 116.6 175.0#

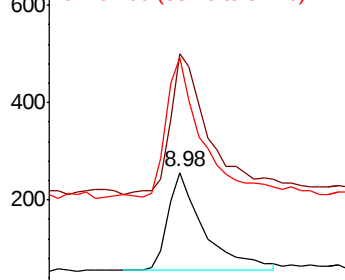
54 192.2 136.2 204.4



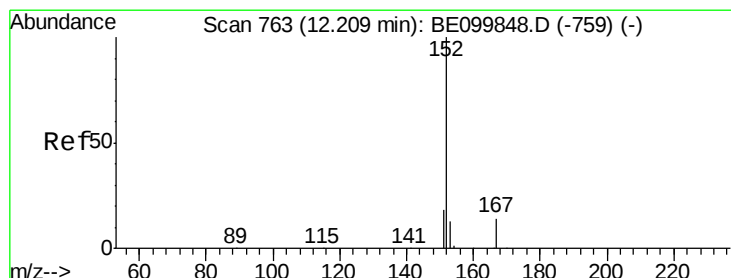
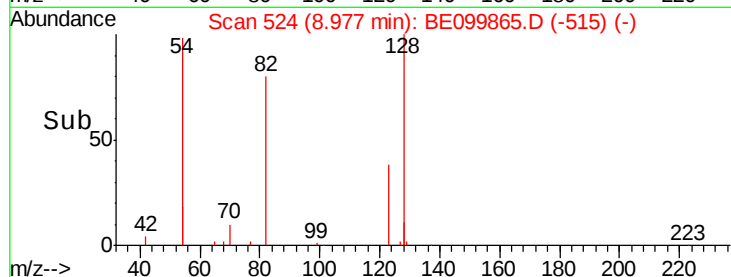
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.80 8.90 9.00 9.10



#11

2-Methylnaphthalene-d10

Concen: 0.304 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099865.D

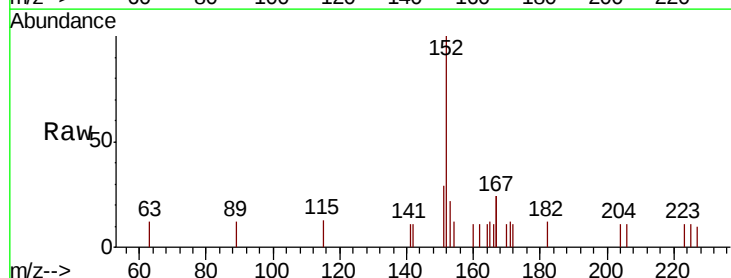
Acq: 7 Jun 2019 22:43

Tgt Ion: 152 Resp: 1253

Ion Ratio Lower Upper

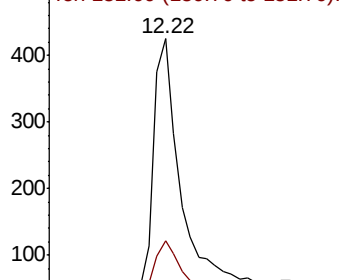
152 100

151 19.7 15.8 23.8

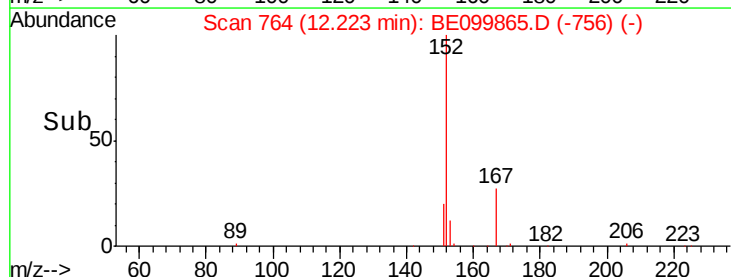


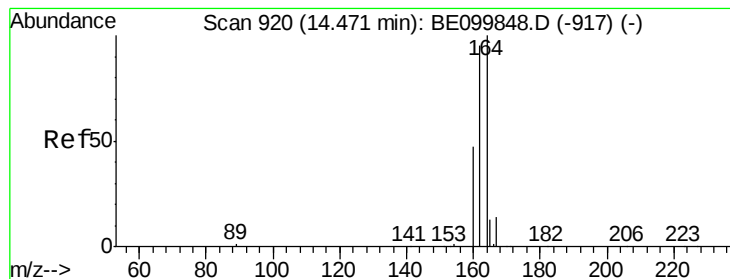
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time--> 12.20 12.40





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

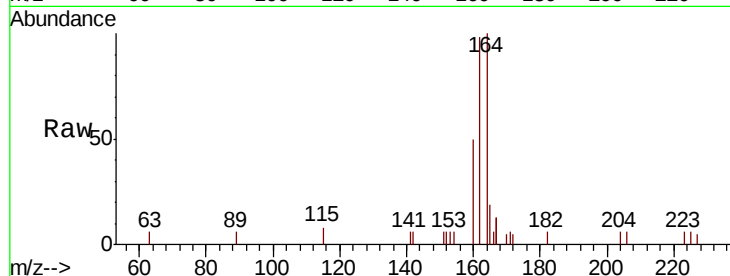
Tot Ion:164 Resp: 1728

Ion Ratio Lower Upper

164 100

162 98.4 77.2 115.8

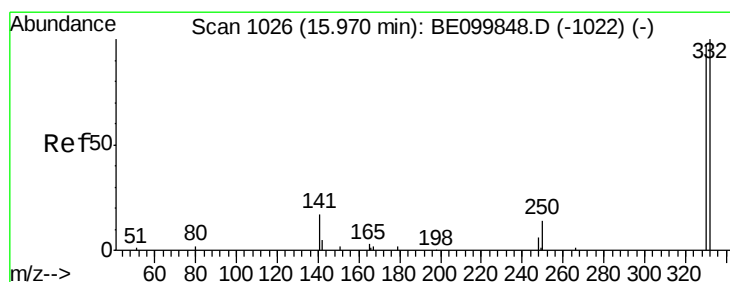
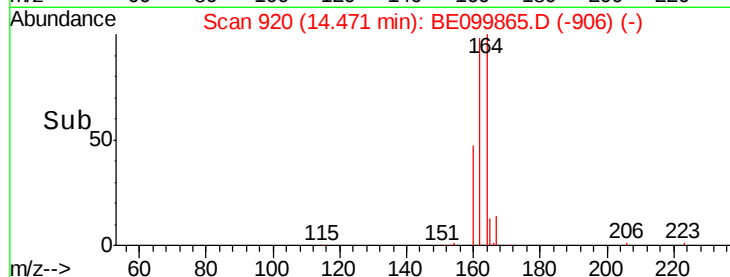
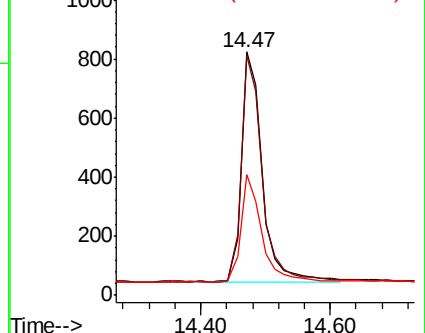
160 49.8 39.4 59.2



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



#14

2,4,6-Tribromophenol

Concen: 0.281 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

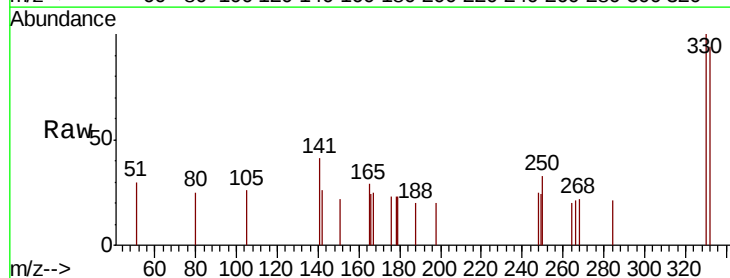
Tgt Ion:330 Resp: 480

Ion Ratio Lower Upper

330 100

332 90.4 74.9 112.3

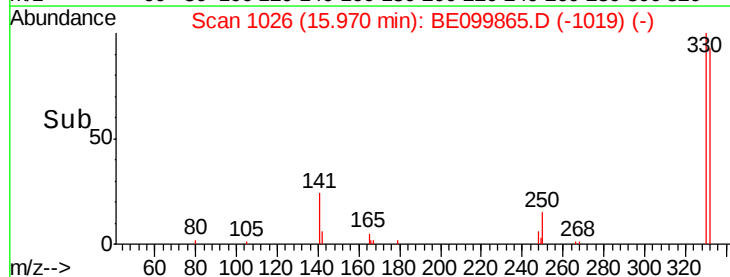
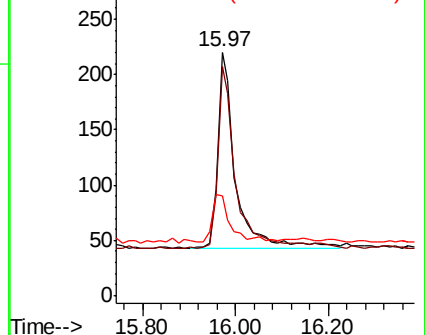
141 23.8 16.0 24.0

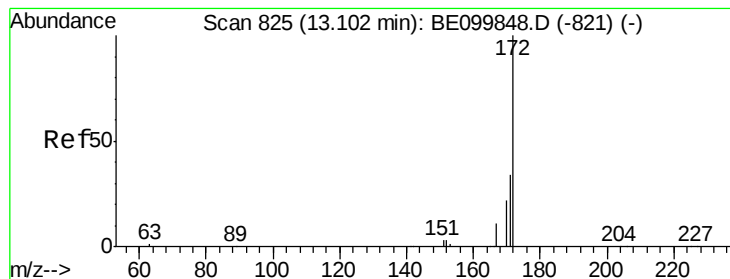


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

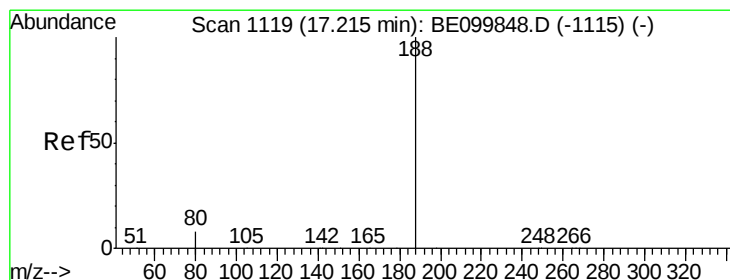
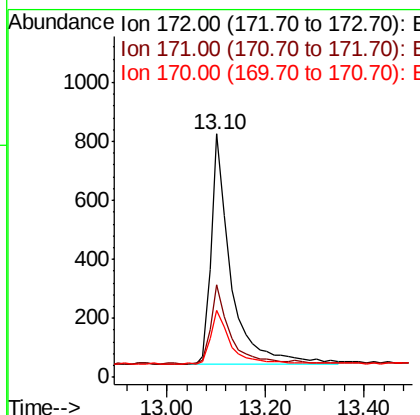
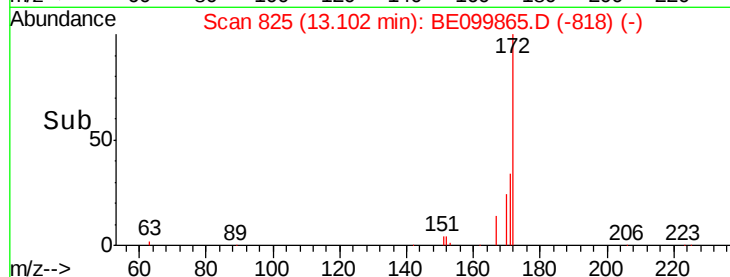
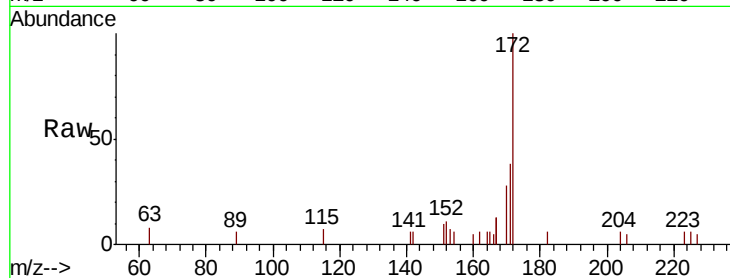




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099865.D
Acq: 7 Jun 2019 22:43

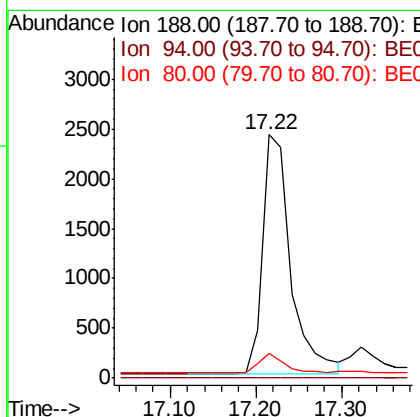
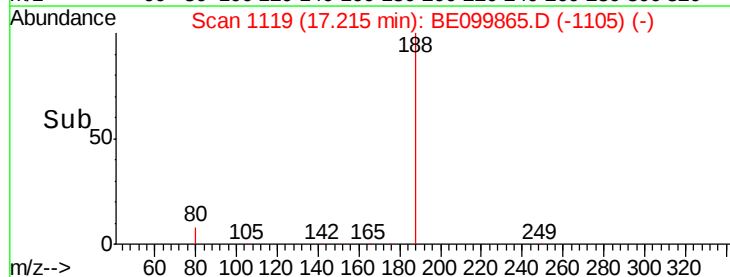
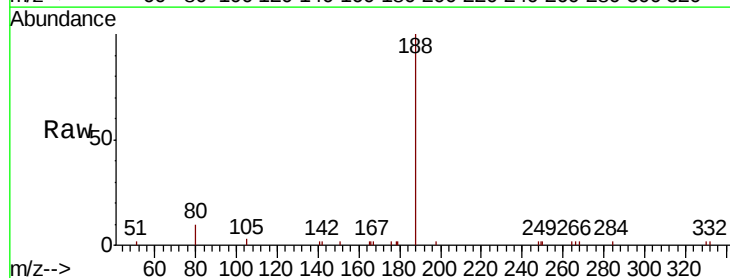
Instrument :
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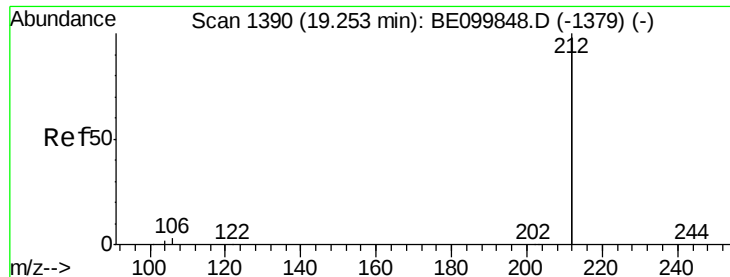
Tot Ion:172 Resp: 2146
Ion Ratio Lower Upper
172 100
171 38.0 30.2 45.4
170 27.6 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099865.D
Acq: 7 Jun 2019 22:43

Tgt Ion:188 Resp: 5412
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 5.2 7.8#





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

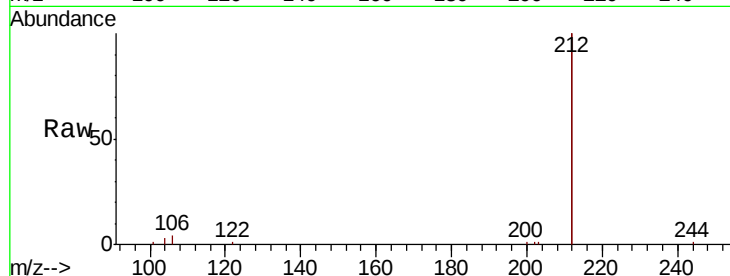
Tot Ion:212 Resp: 30890

Ion Ratio Lower Upper

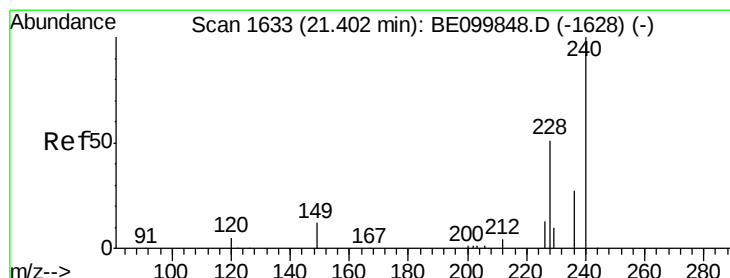
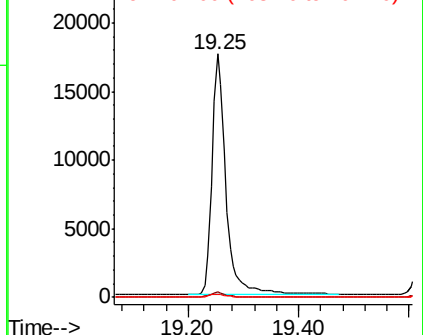
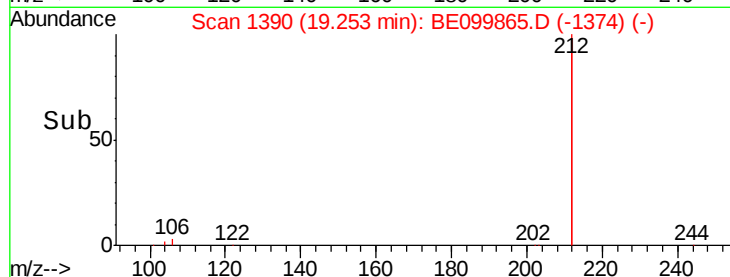
212 100

106 1.8 1.4 2.0

104 1.1 0.8 1.2



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: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

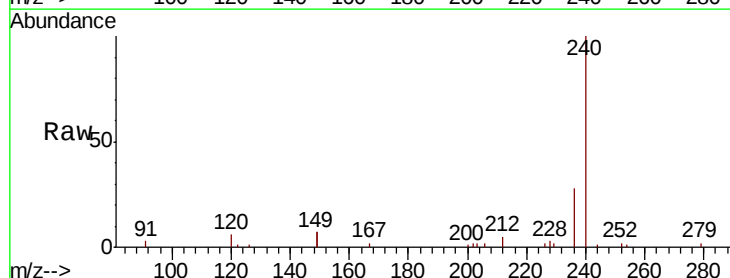
Tgt Ion:240 Resp: 10092

Ion Ratio Lower Upper

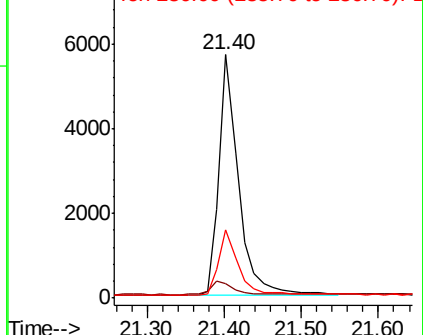
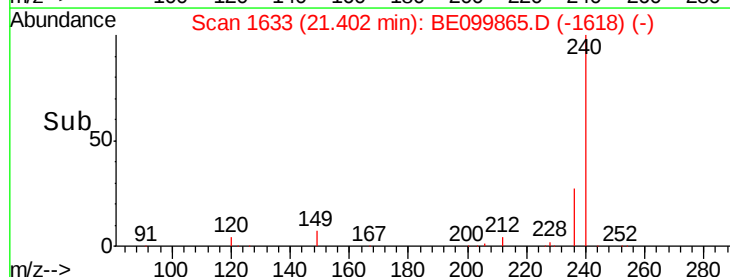
240 100

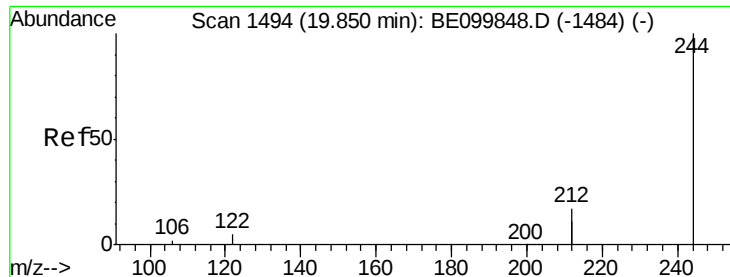
120 5.8 2.8 4.2#

236 28.2 20.9 31.3



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: 0.378 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

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BPS1-TT-MW309D-20190605

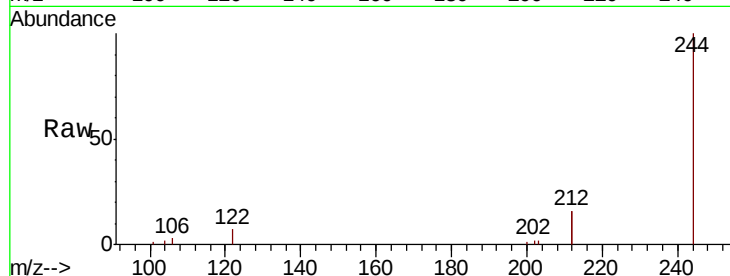
Tot Ion:244 Resp: 7108

Ion Ratio Lower Upper

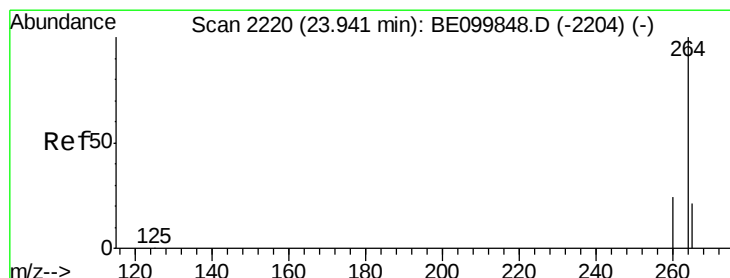
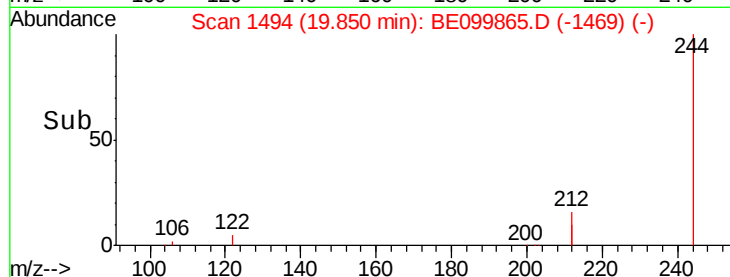
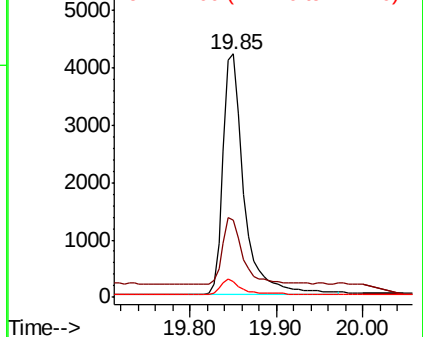
244 100

212 31.8 23.7 35.5

122 6.7 4.8 7.2



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: 23.93 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

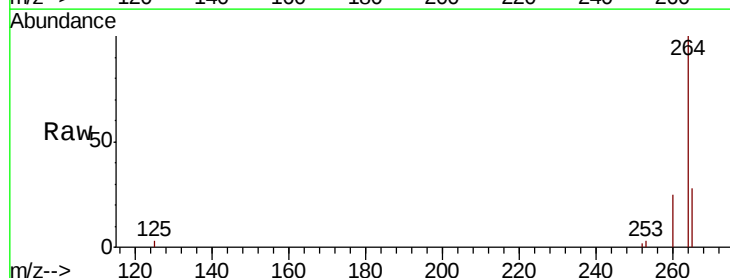
Tgt Ion:264 Resp: 12268

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 28.2 20.7 31.1



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

