

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040419\
 Data File : BE099296.D
 Acq On : 4 Apr 2019 18:50
 Operator : JU/SJ
 Sample : PB118607BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118607BL

Quant Time: Apr 05 04:38:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3287	0.40	ng	-0.03
7) Naphthalene-d8	10.61	136	11425	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	6581	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	17740	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	22082	0.40	ng	-0.03
34) Perylene-d12	23.86	264	26192	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	2520	0.29	ng	-0.01
5) Phenol-d6	6.97	99	3322	0.28	ng	-0.01
8) Nitrobenzene-d5	8.98	82	2412	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	5950	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	619	0.20	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	8586	0.33	ng	-0.01
25) Fluoranthene-d10	19.22	212	67459	0.29	ng	-0.02
29) Terphenyl-d14	19.82	244	11613	0.29	ng	-0.02

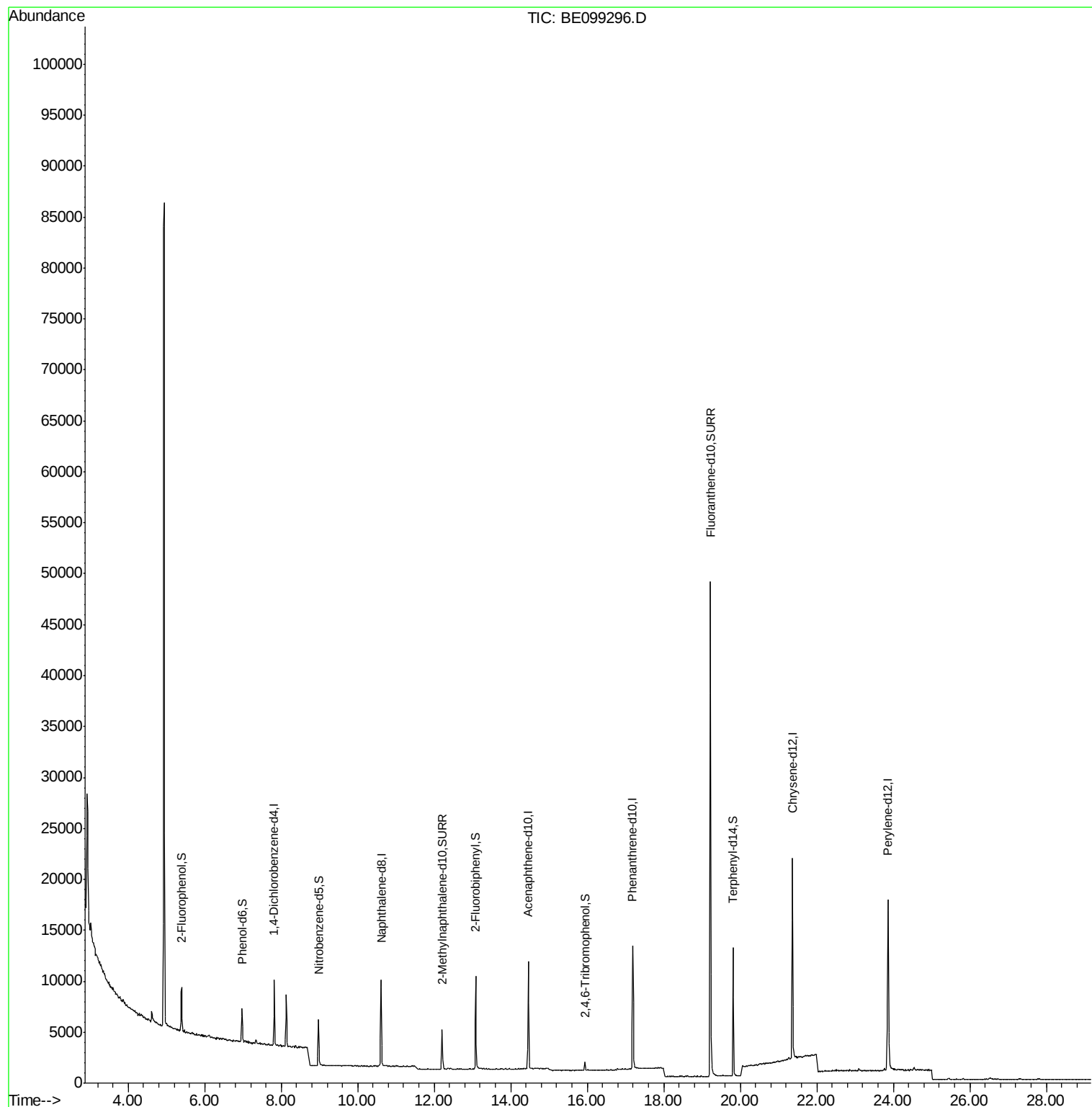
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 430

Delta R.T. -0.03 min

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ClientSampleId :

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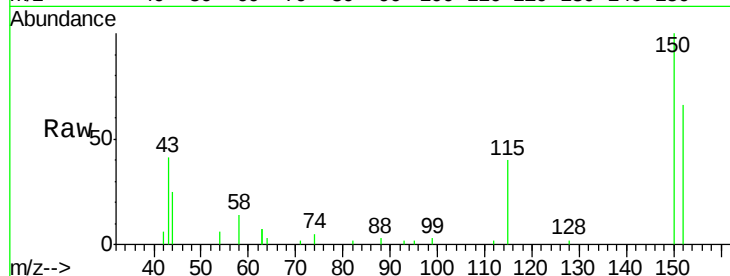
Tgt Ion:152 Resp: 3287

Ion Ratio Lower Upper

152 100

150 151.1 112.8 169.2

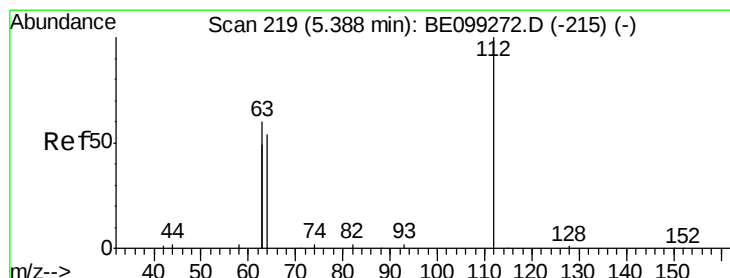
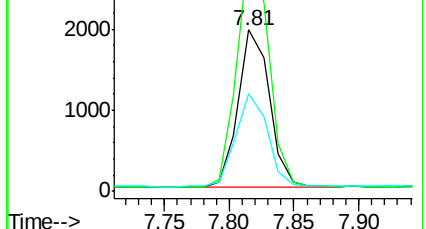
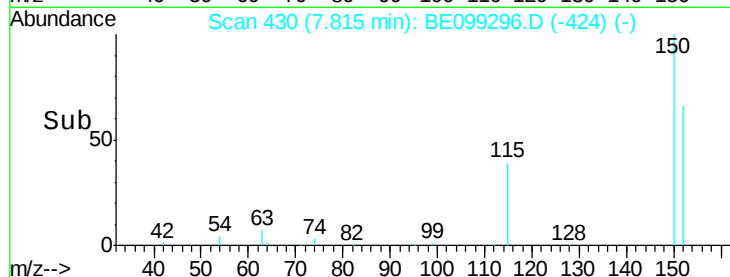
115 60.7 45.1 67.7



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



#4

2-Fluorophenol

Concen: 0.288 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.01 min

Lab File: BE099296.D

Acq: 4 Apr 2019 18:50

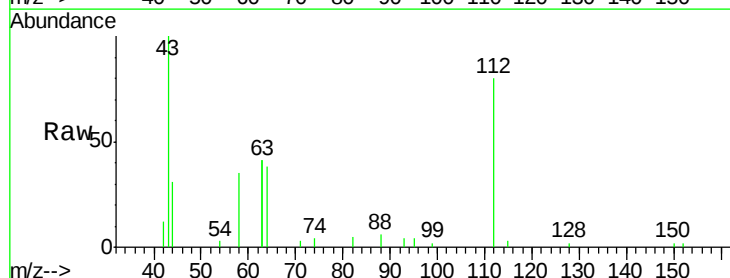
Tgt Ion:112 Resp: 2520

Ion Ratio Lower Upper

112 100

64 60.8 46.2 69.2

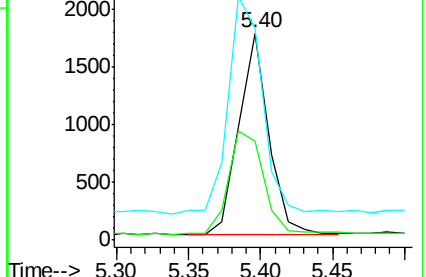
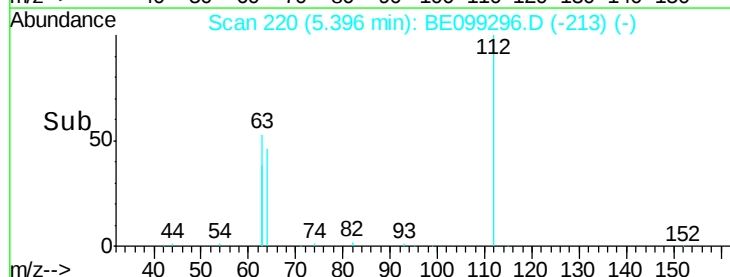
63 124.2 89.9 134.9

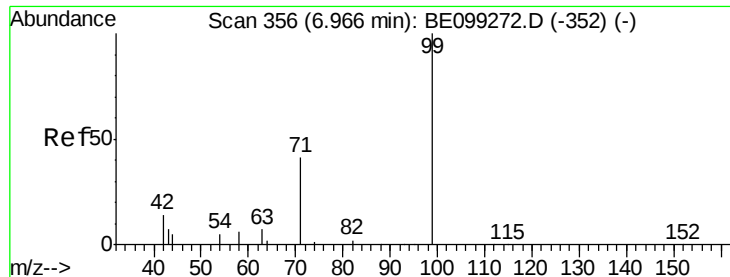


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.277 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

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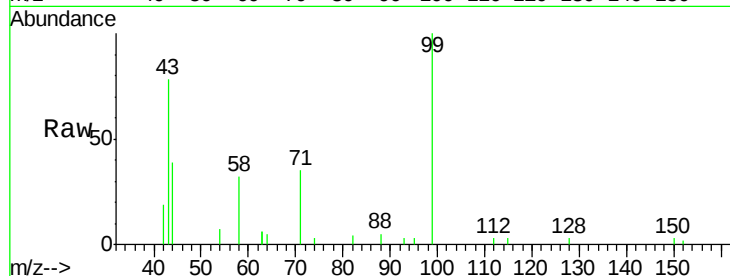
Tgt Ion: 99 Resp: 3322

Ion Ratio Lower Upper

99 100

42 14.8 12.4 18.6

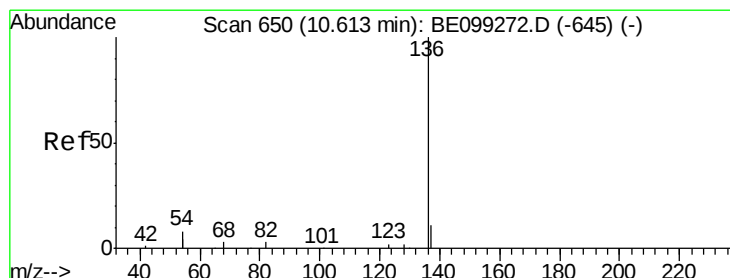
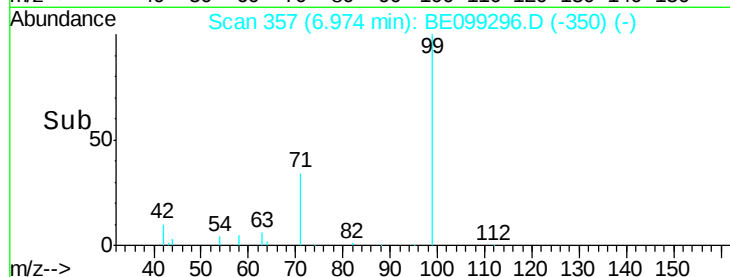
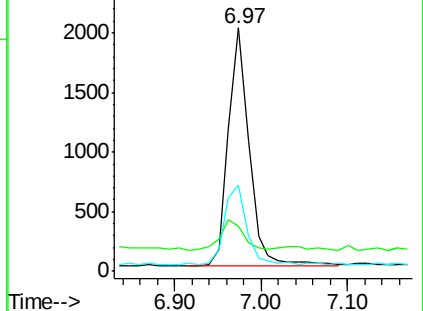
71 36.7 28.4 42.6



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. -0.01 min

Lab File: BE099296.D

Acq: 4 Apr 2019 18:50

Tgt Ion: 136 Resp: 11425

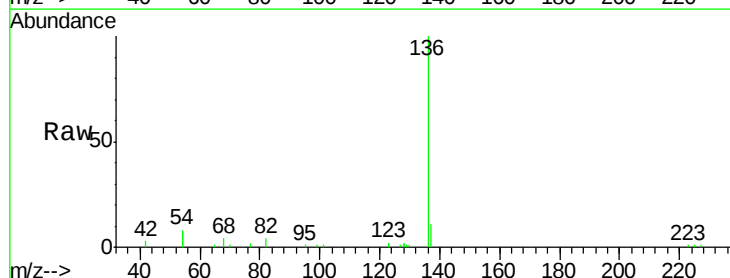
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 16.3 18.7 28.1#

68 4.4 5.2 7.8#

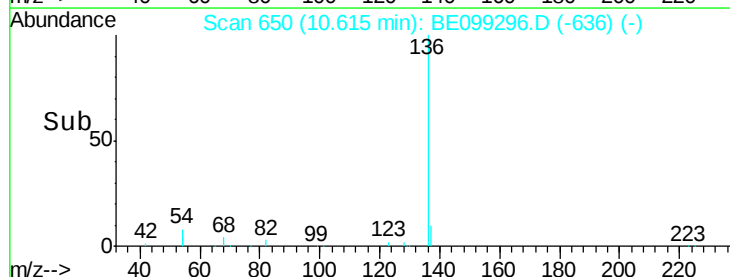
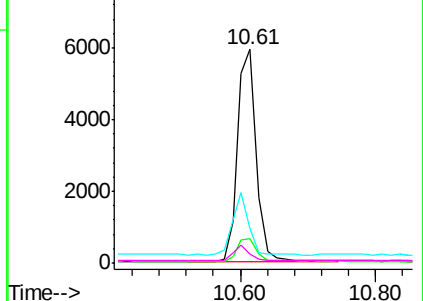


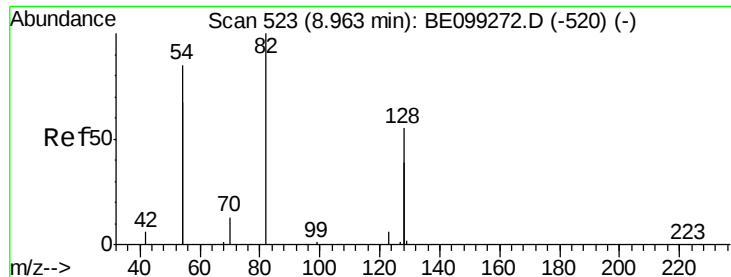
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.307 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.01 min

Lab File: BE099296.D

Acq: 4 Apr 2019 18:50

Instrument :

BNA_E

ClientSampleId :

PB118607BL

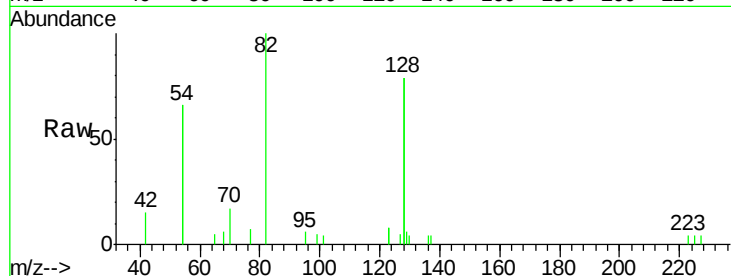
Tgt Ion: 82 Resp: 2412

Ion Ratio Lower Upper

82 100

128 158.4 107.5 161.3

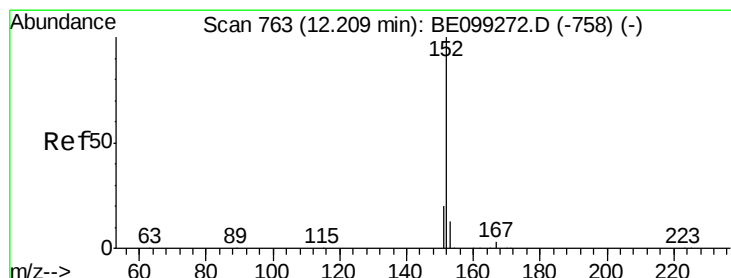
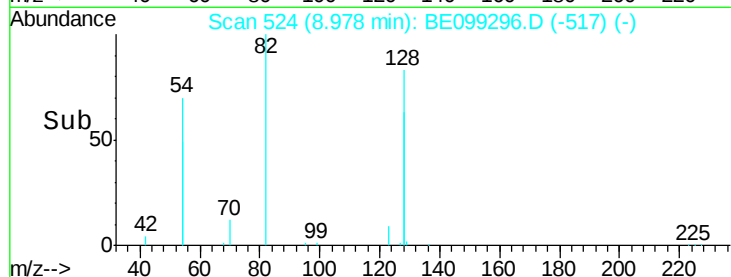
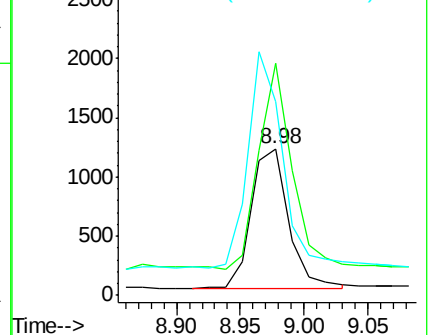
54 132.4 106.3 159.5



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: 0.298 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099296.D

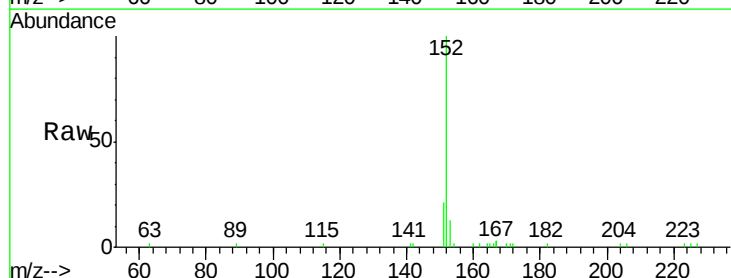
Acq: 4 Apr 2019 18:50

Tgt Ion: 152 Resp: 5950

Ion Ratio Lower Upper

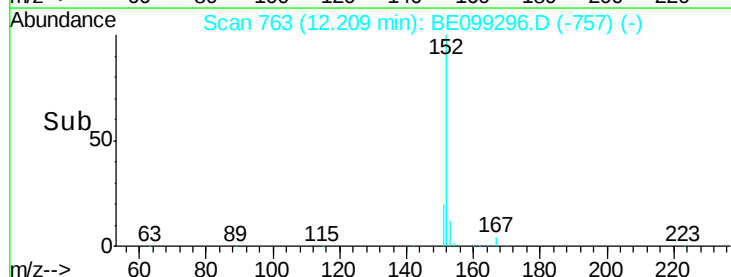
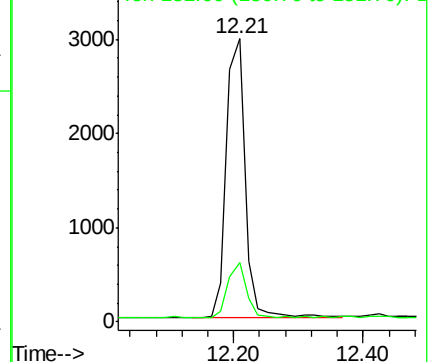
152 100

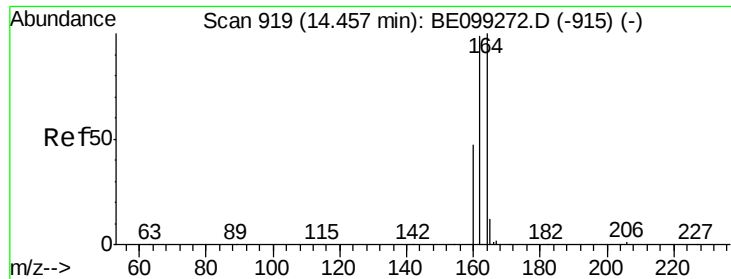
151 19.3 15.0 22.6



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: 14.46 min Scan# 919

Delta R.T. -0.03 min

Lab File: BE099296.D

Acq: 4 Apr 2019 18:50

Instrument :

BNA_E

ClientSampleId :

PB118607BL

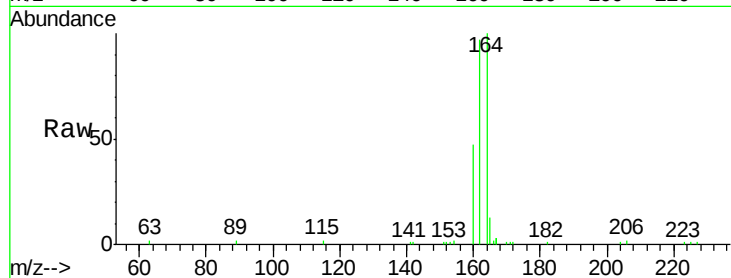
Tgt Ion:164 Resp: 6581

Ion Ratio Lower Upper

164 100

162 97.4 79.2 118.8

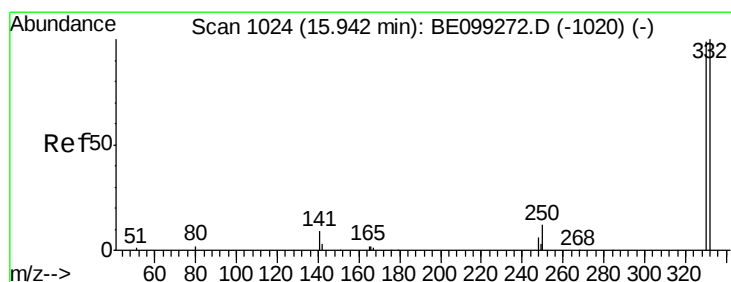
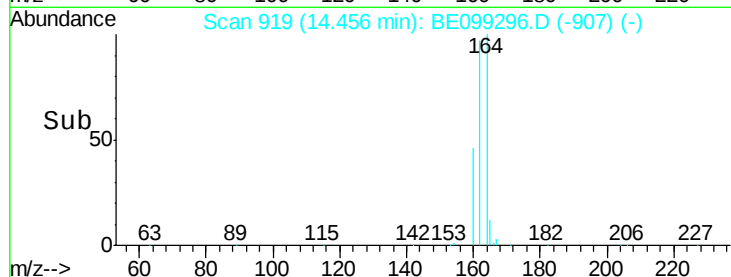
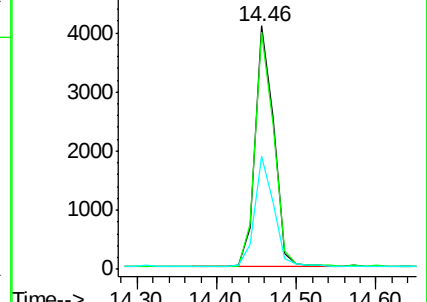
160 46.6 36.7 55.1



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: 0.204 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BE099296.D

Acq: 4 Apr 2019 18:50

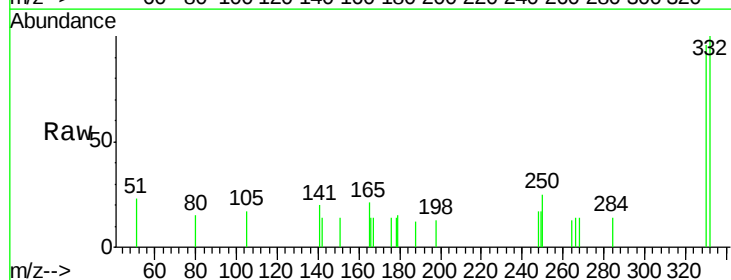
Tgt Ion:330 Resp: 619

Ion Ratio Lower Upper

330 100

332 98.2 71.3 106.9

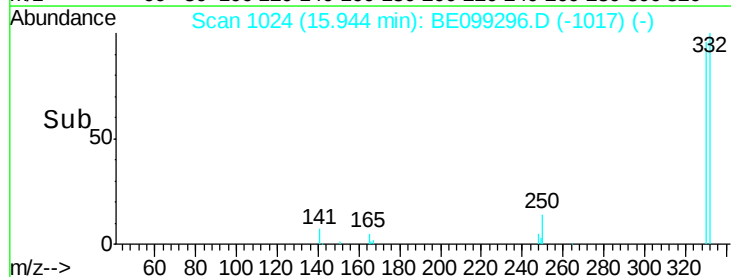
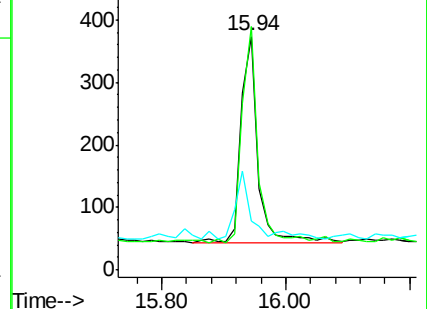
141 30.9 21.7 32.5

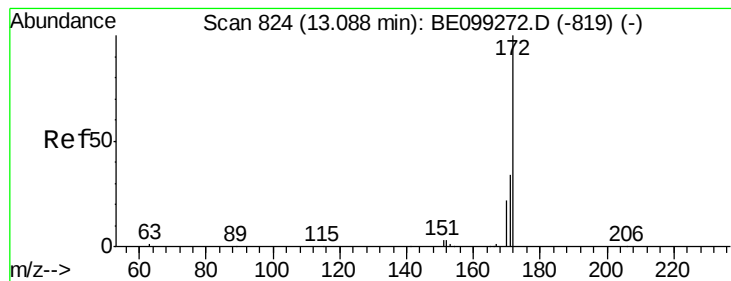


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.332 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE099296.D

Acq: 4 Apr 2019 18:50

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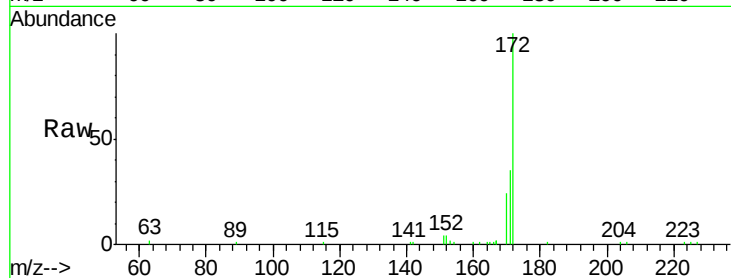
Tgt Ion:172 Resp: 8586

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.0

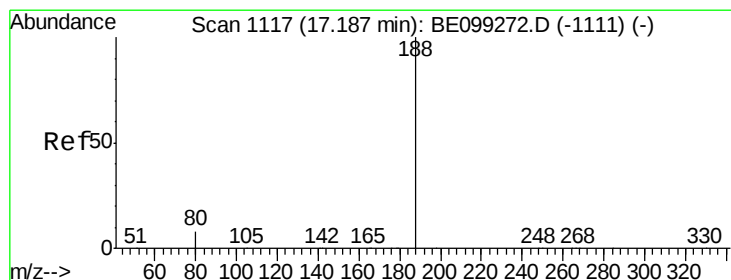
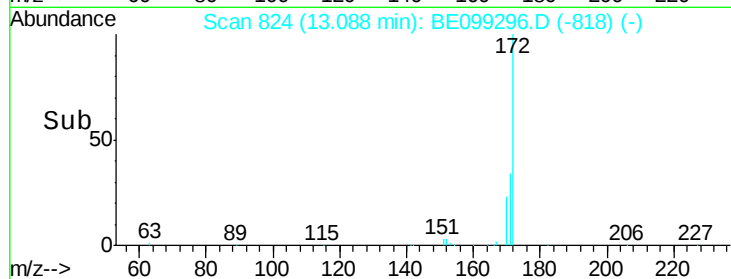
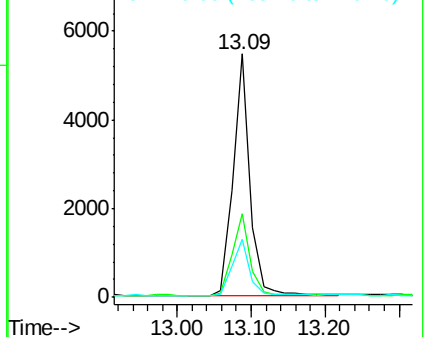
170 23.9 19.1 28.7



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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099296.D

Acq: 4 Apr 2019 18:50

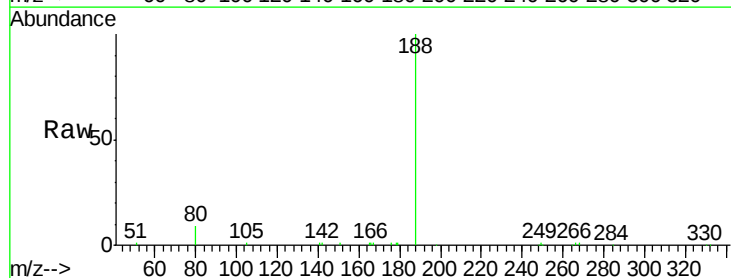
Tgt Ion:188 Resp: 17740

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

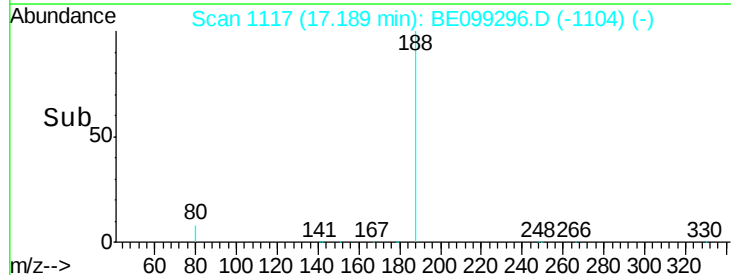
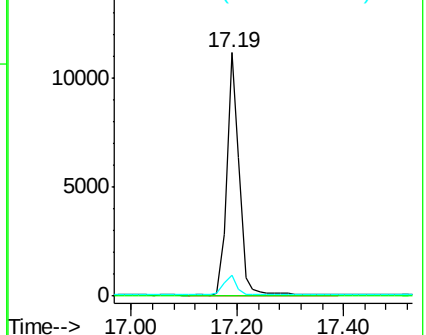
80 8.8 4.5 6.7#

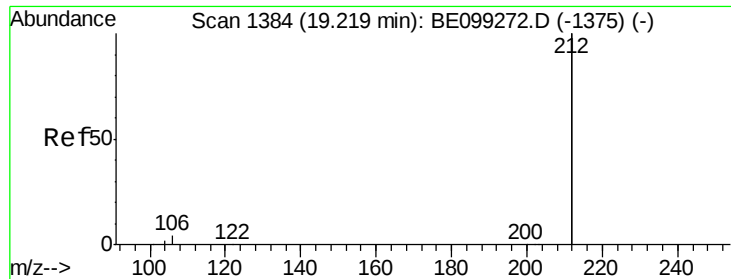


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

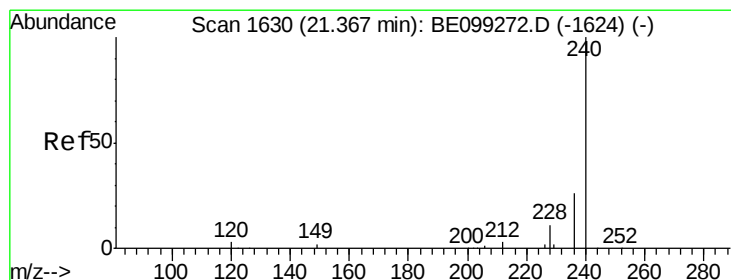
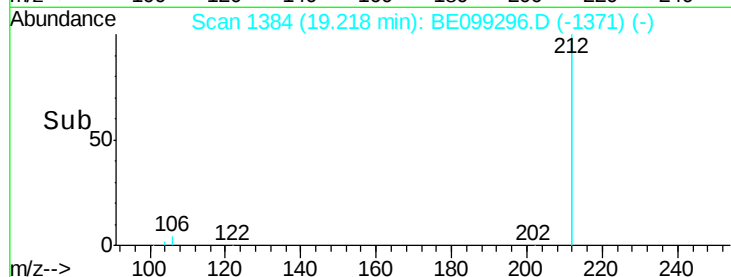
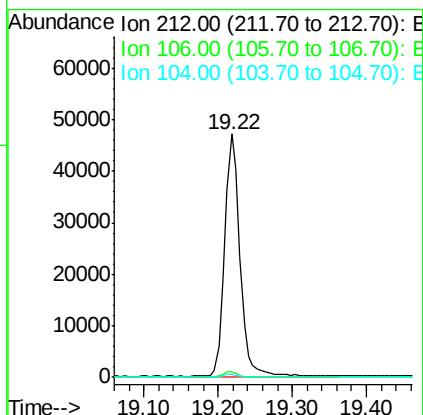
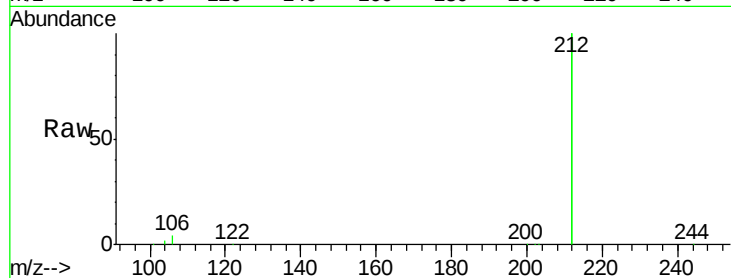




#25
 Fluoranthene-d10
 Concen: 0.288 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.02 min
 Lab File: BE099296.D
 Acq: 4 Apr 2019 18:50

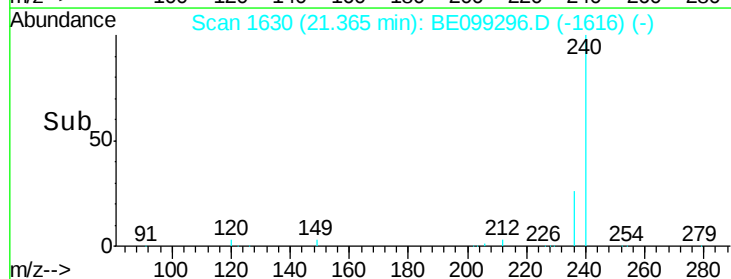
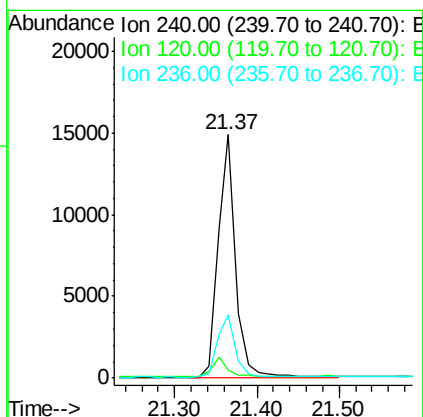
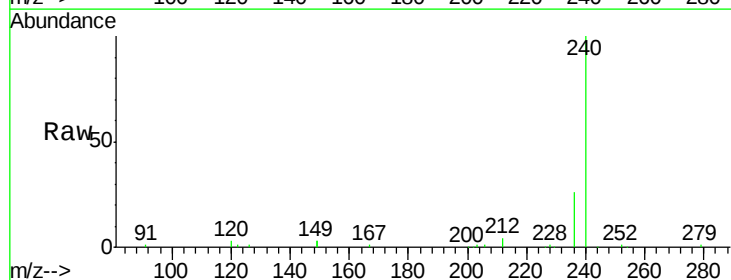
Instrument :
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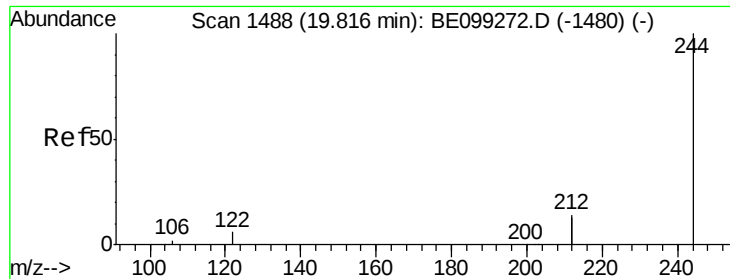
Tgt Ion:212 Resp: 67459
 Ion Ratio Lower Upper
 212 100
 106 2.1 1.8 2.8
 104 1.2 1.1 1.7



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.03 min
 Lab File: BE099296.D
 Acq: 4 Apr 2019 18:50

Tgt Ion:240 Resp: 22082
 Ion Ratio Lower Upper
 240 100
 120 3.4 2.6 3.8
 236 25.9 20.9 31.3





#29

Terphenyl-d14

Concen: 0.288 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099296.D

Acq: 4 Apr 2019 18:50

Instrument :

BNA_E

ClientSampleId :

PB118607BL

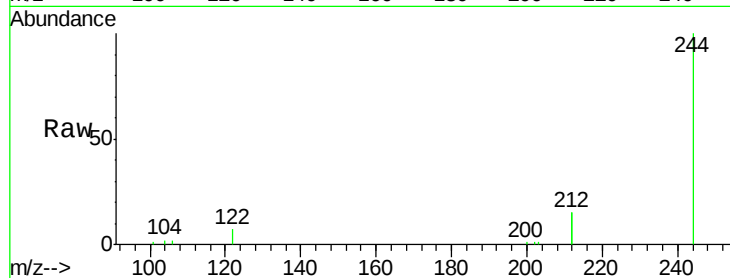
Tgt Ion:244 Resp: 11613

Ion Ratio Lower Upper

244 100

212 29.3 22.7 34.1

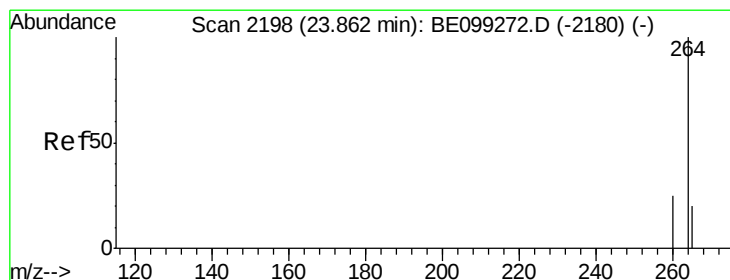
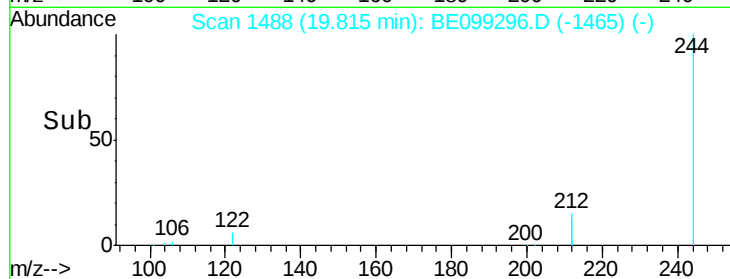
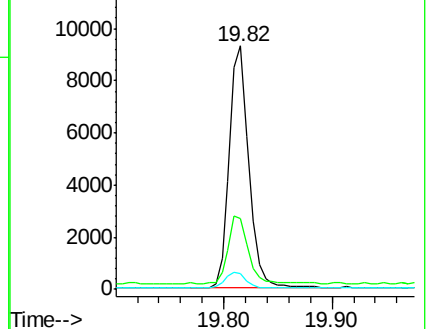
122 6.5 5.8 8.6



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: 23.86 min Scan# 2198

Delta R.T. -0.03 min

Lab File: BE099296.D

Acq: 4 Apr 2019 18:50

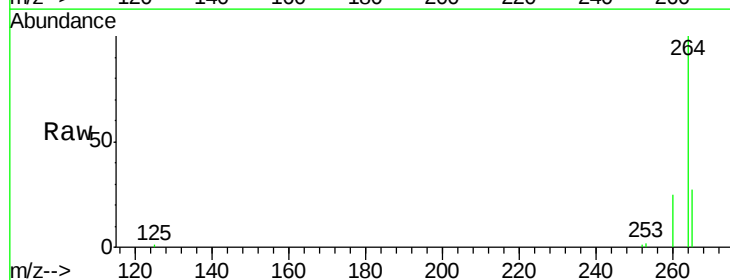
Tgt Ion:264 Resp: 26192

Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.2

265 27.3 21.8 32.8



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

