

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032019\
 Data File : BE099070.D
 Acq On : 20 Mar 2019 15:55
 Operator : JU/SJ
 Sample : PB118045BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118045BL

Quant Time: Mar 20 17:58:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	511	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	2612	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	2099	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5231	0.40	ng	0.01
27) Chrysene-d12	21.40	240	5736	0.40	ng	0.00
34) Perylene-d12	23.91	264	4600	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	301	0.20	ng	0.02
5) Phenol-d6	7.09	99	157	0.07	ng	0.10
8) Nitrobenzene-d5	9.09	82	292	0.11	ng	0.13
11) 2-Methylnaphthalene-d10	12.24	152	1108	0.23	ng	0.04
14) 2,4,6-Tribromophenol	16.00	330	149	0.14	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	1701	0.20	ng	0.03
25) Fluoranthene-d10	19.25	212	16248	0.19	ng	0.00
29) Terphenyl-d14	19.85	244	2747	0.20	ng	0.00

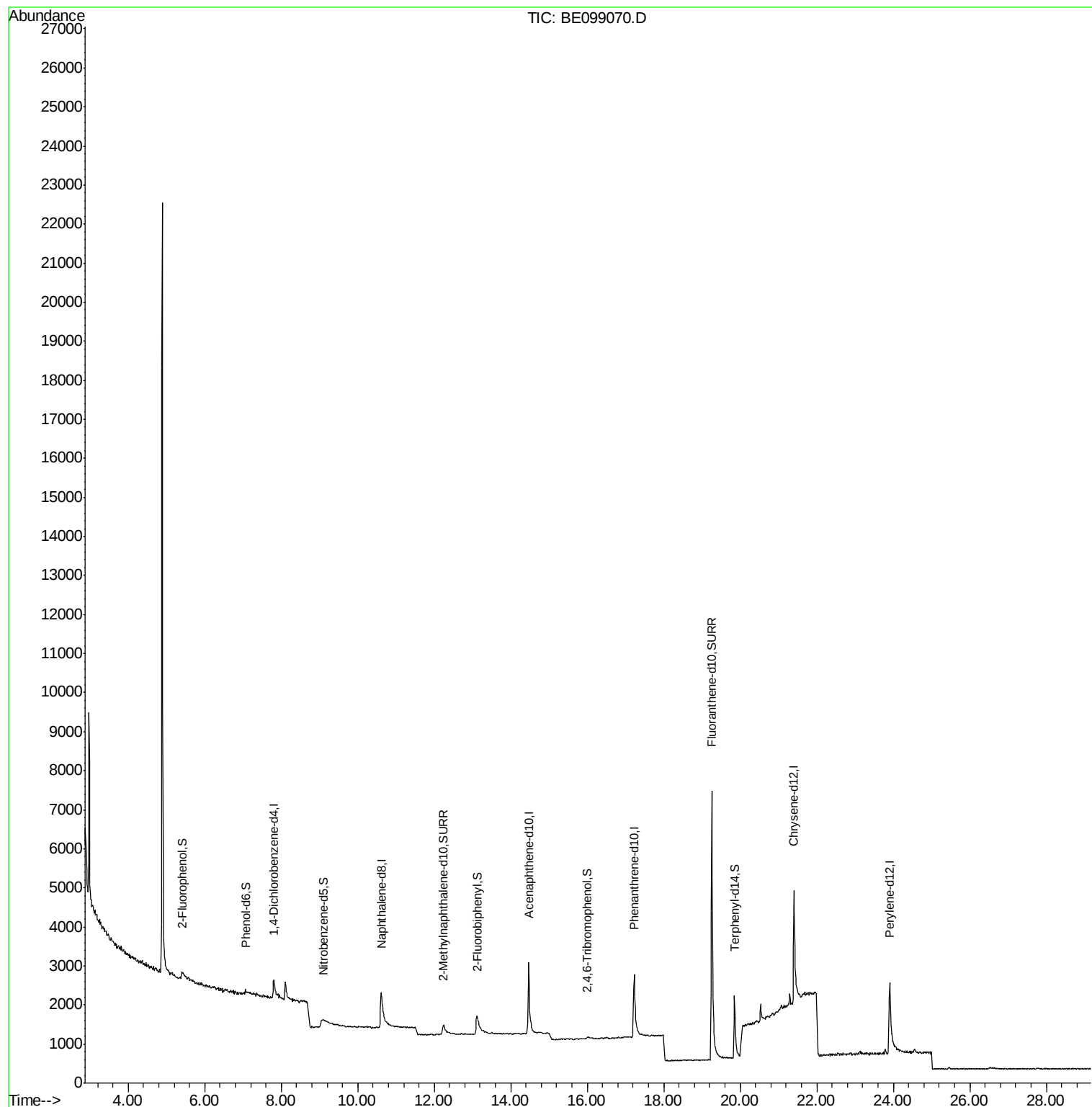
Target Compounds	Qvalue
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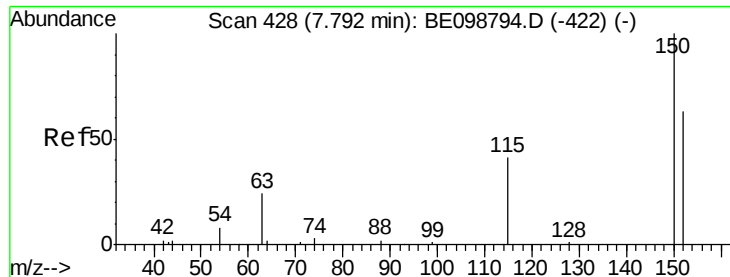
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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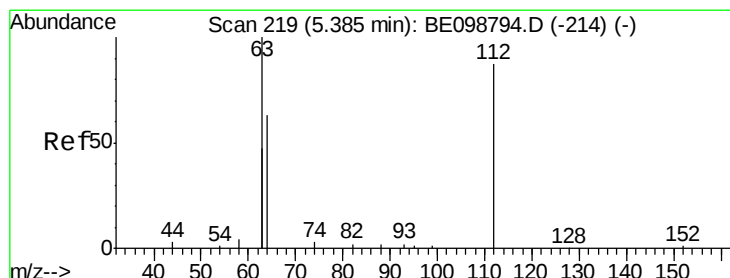
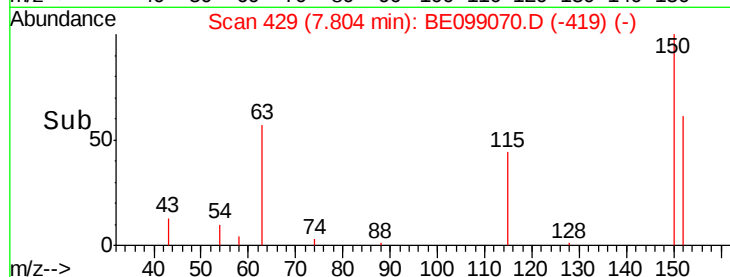
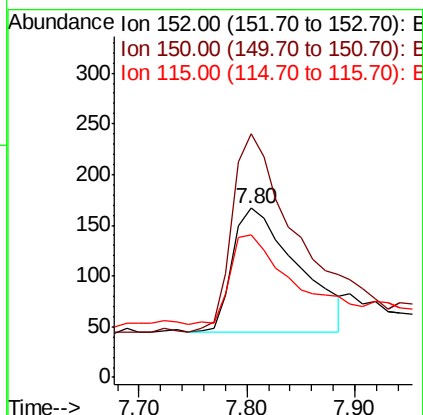
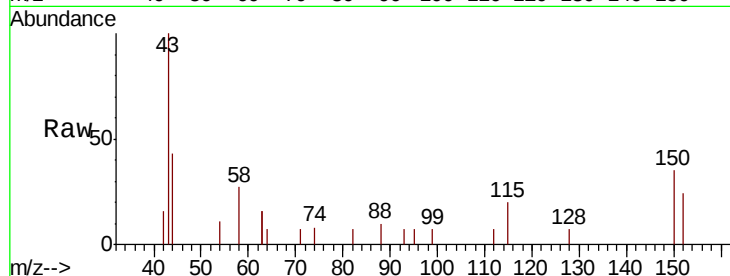


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE099070.D
Acq: 20 Mar 2019 15:55

Instrument :
BNA_E
ClientSampleId :
PB118045BL

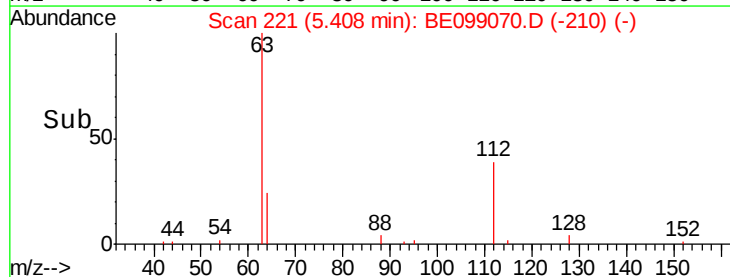
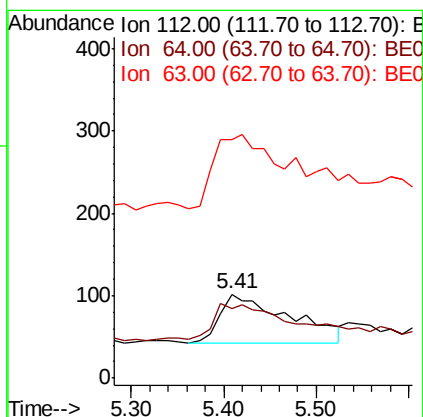
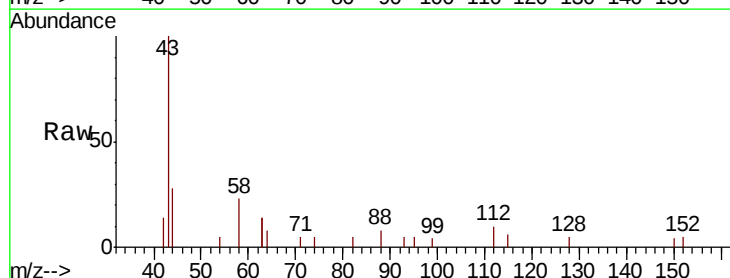
Tot Ion:152 Resp: 511
Ion Ratio Lower Upper
152 100
150 143.7 122.5 183.7
115 83.8 57.4 86.2

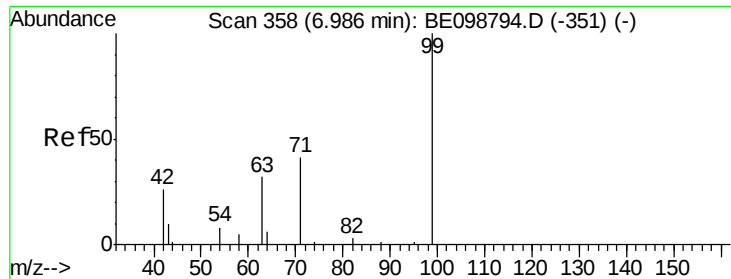


#4

2-Fluorophenol
Concen: 0.197 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.02 min
Lab File: BE099070.D
Acq: 20 Mar 2019 15:55

Tgt Ion:112 Resp: 301
Ion Ratio Lower Upper
112 100
64 0.0 57.9 86.9#
63 159.8 158.3 237.5





#5

Phenol-d6

Concen: 0.073 ng

RT: 7.09 min Scan# 367

Delta R.T. 0.10 min

Lab File: BE099070.D

Acq: 20 Mar 2019 15:55

Instrument :

BNA_E

ClientSampleId :

PB118045BL

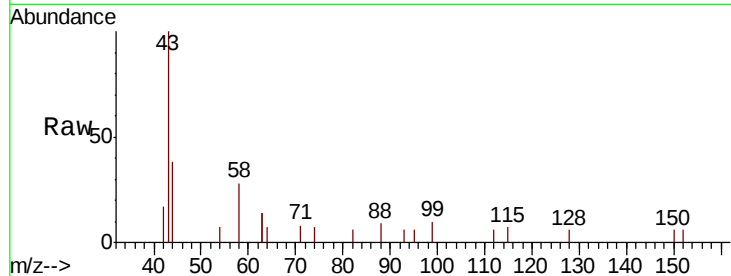
Tot Ion: 99 Resp: 157

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

71 42.0 35.7 53.5

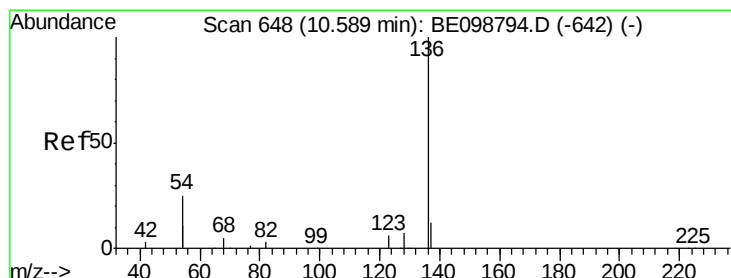
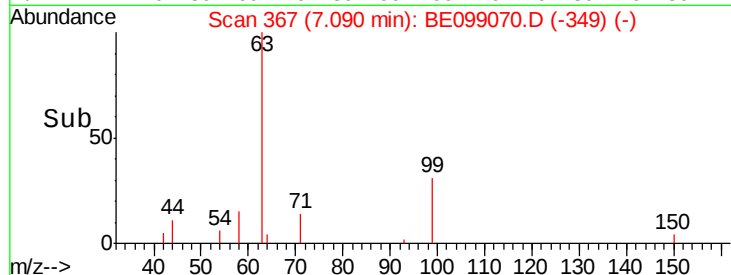
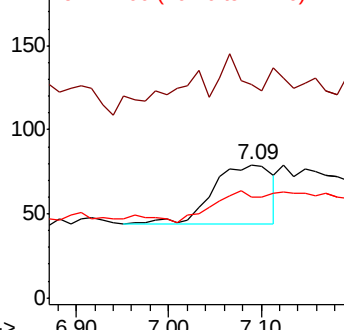


Abundance

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. 0.03 min

Lab File: BE099070.D

Acq: 20 Mar 2019 15:55

Tgt Ion: 136 Resp: 2612

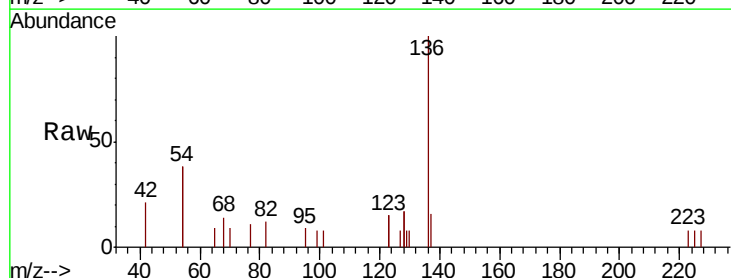
Ion Ratio Lower Upper

136 100

137 16.2 11.4 17.0

54 76.1 39.3 58.9#

68 14.1 6.7 10.1#



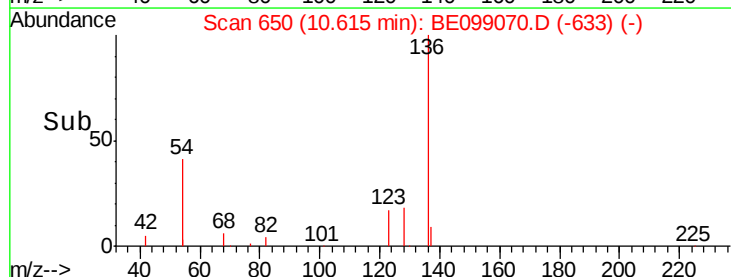
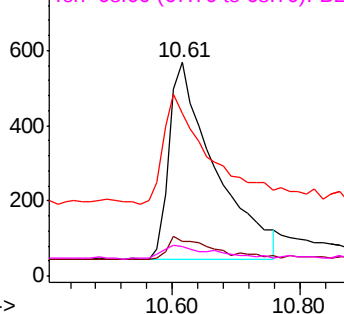
Abundance

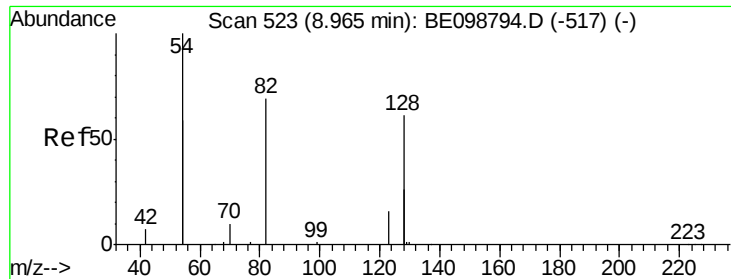
Ion 136.00 (135.70 to 136.70): E

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: 0.107 ng

RT: 9.09 min Scan# 533

Delta R.T. 0.13 min

Lab File: BE099070.D

Acq: 20 Mar 2019 15:55

Instrument :

BNA_E

ClientSampleId :

PB118045BL

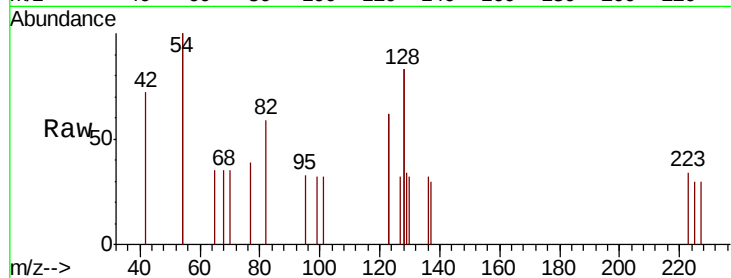
Tot Ion: 82 Resp: 292

Ion Ratio Lower Upper

82 100

128 279.1 123.8 185.8#

54 337.2 203.4 305.2#



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

400

300

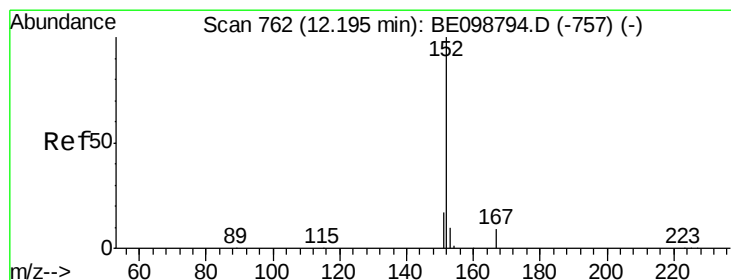
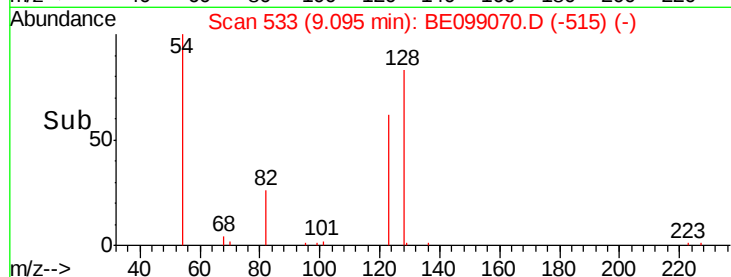
200

100

0

8.90 9.00 9.10 9.20

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.230 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.04 min

Lab File: BE099070.D

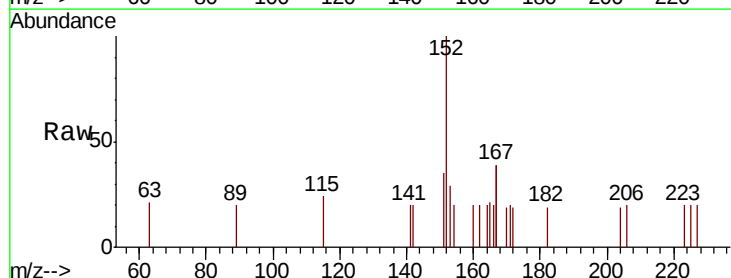
Acq: 20 Mar 2019 15:55

Tgt Ion: 152 Resp: 1108

Ion Ratio Lower Upper

152 100

151 18.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

250

200

150

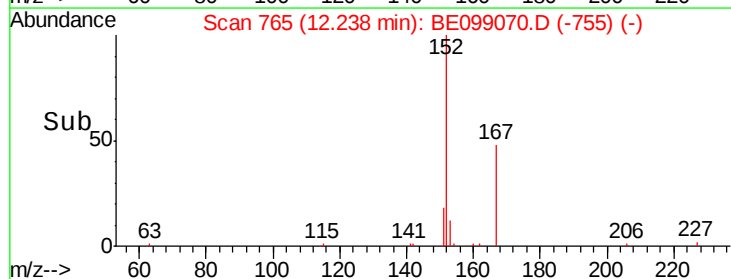
100

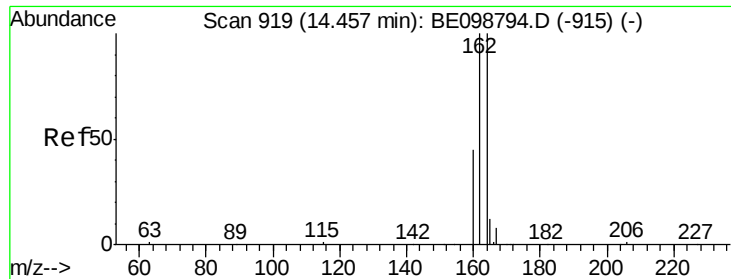
50

0

12.20 12.40

Time-->

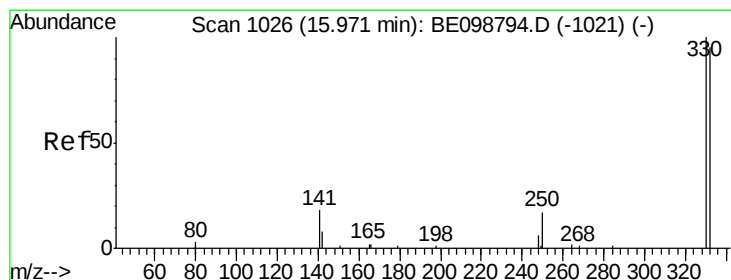
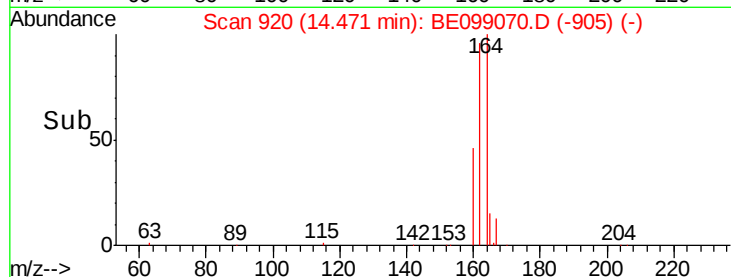
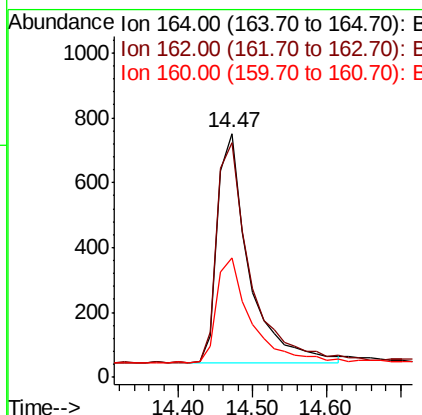
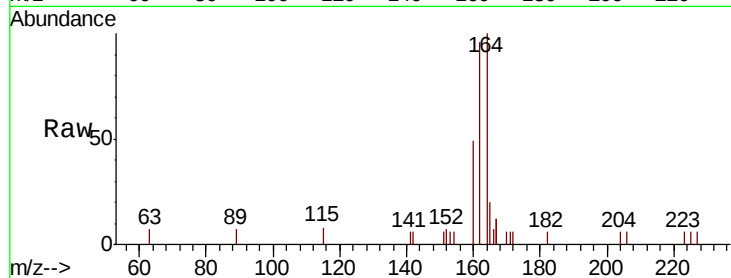




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE099070.D
Acq: 20 Mar 2019 15:55

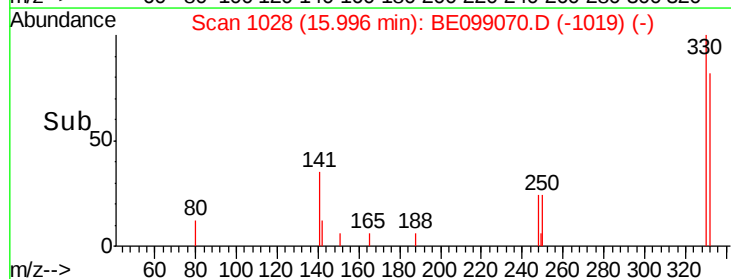
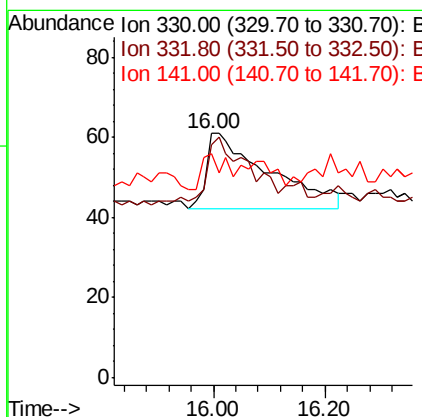
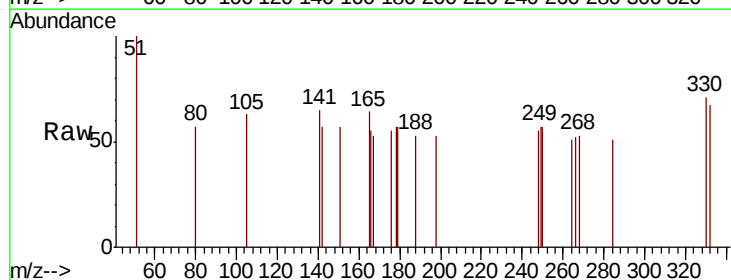
Instrument :
BNA_E
ClientSampleId :
PB118045BL

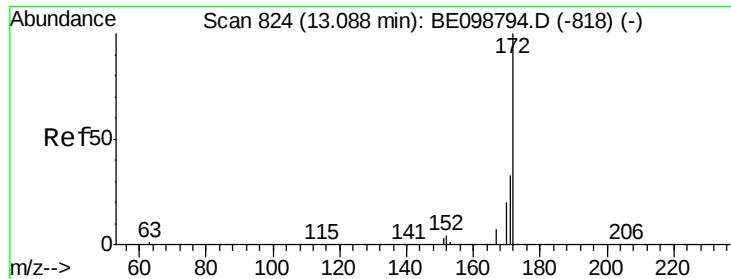
Tot Ion:164 Resp: 2099
Ion Ratio Lower Upper
164 100
162 96.3 80.2 120.2
160 49.0 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.141 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.03 min
Lab File: BE099070.D
Acq: 20 Mar 2019 15:55

Tgt Ion:330 Resp: 149
Ion Ratio Lower Upper
330 100
332 53.0 77.6 116.4#
141 17.4 31.0 46.4#

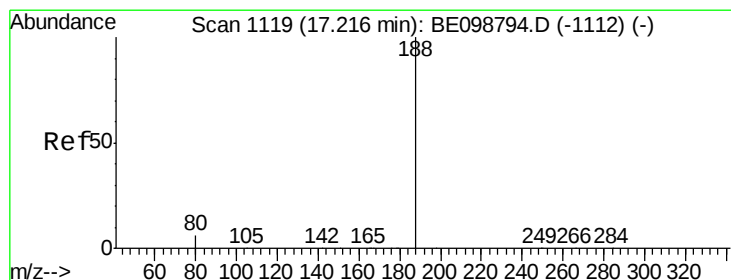
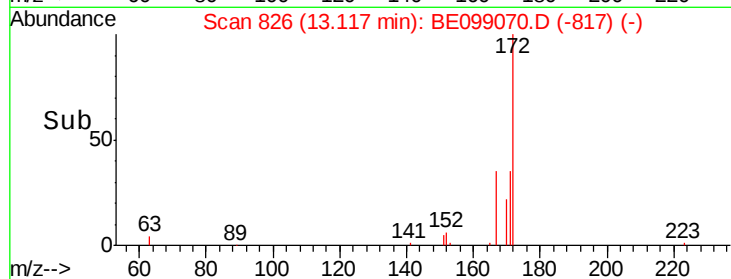
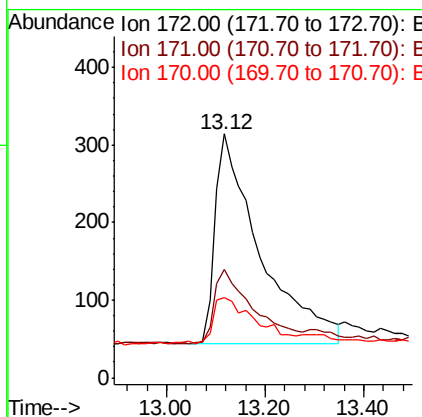
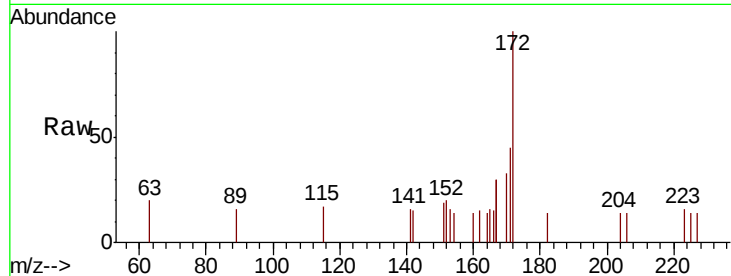




#15
2-Fluorobiphenyl
Concen: 0.196 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE099070.D
Acq: 20 Mar 2019 15:55

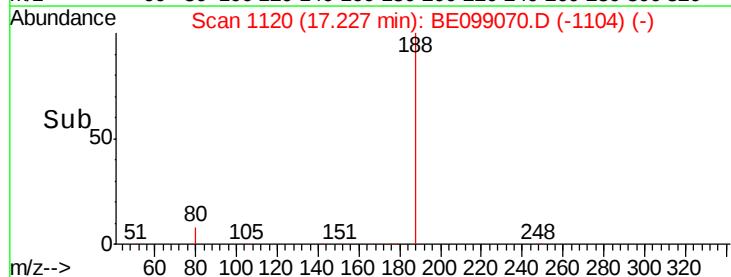
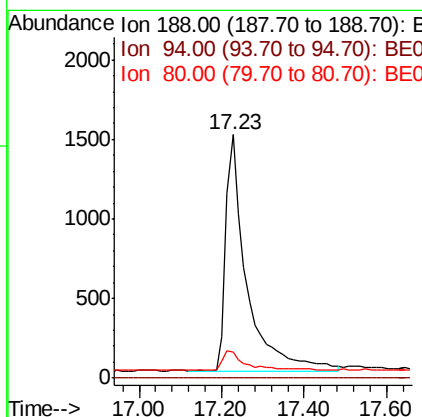
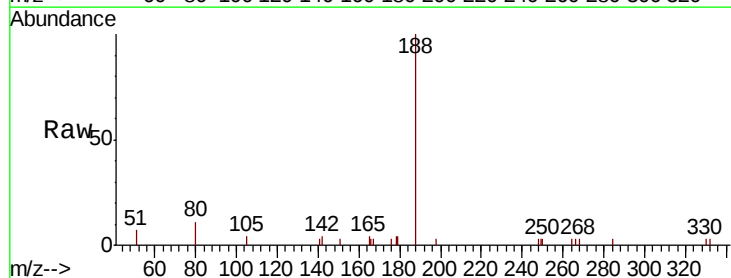
Instrument :
BNA_E
ClientSampleId :
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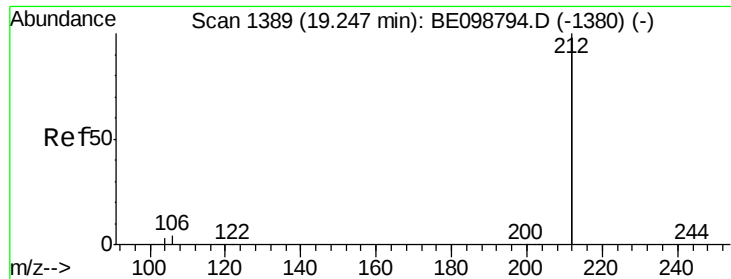
Tot Ion:172 Resp: 1701
Ion Ratio Lower Upper
172 100
171 44.6 28.0 42.0#
170 32.8 17.7 26.5#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE099070.D
Acq: 20 Mar 2019 15:55

Tgt Ion:188 Resp: 5231
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 6.3 9.5#





#25

Fluoranthene-d10

Concen: 0.195 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE099070.D

Acq: 20 Mar 2019 15:55

Instrument :

BNA_E

ClientSampleId :

PB118045BL

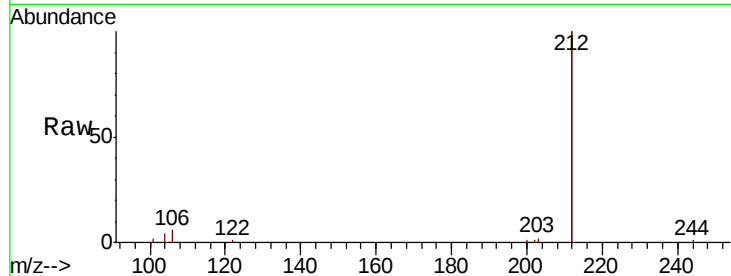
Tot Ion:212 Resp: 16248

Ion Ratio Lower Upper

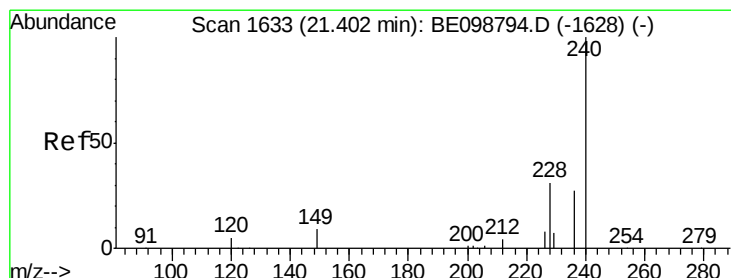
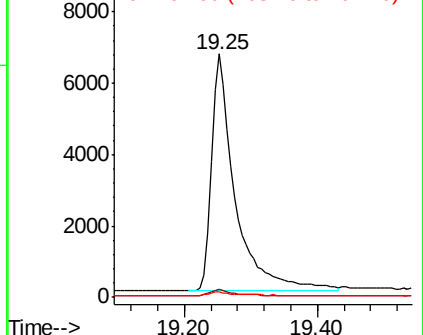
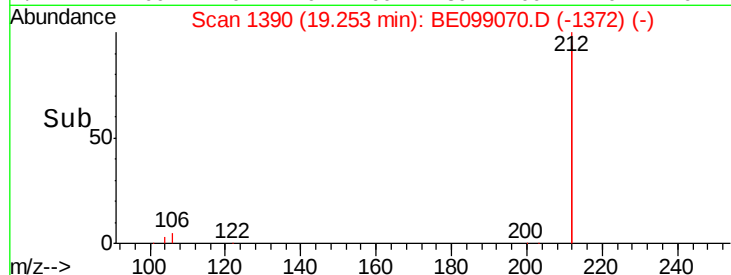
212 100

106 2.2 1.8 2.8

104 1.3 1.0 1.6



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. -0.00 min

Lab File: BE099070.D

Acq: 20 Mar 2019 15:55

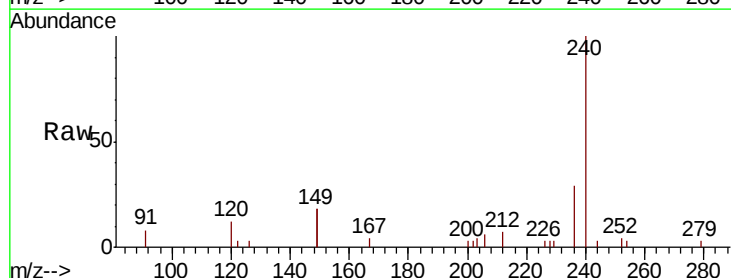
Tgt Ion:240 Resp: 5736

Ion Ratio Lower Upper

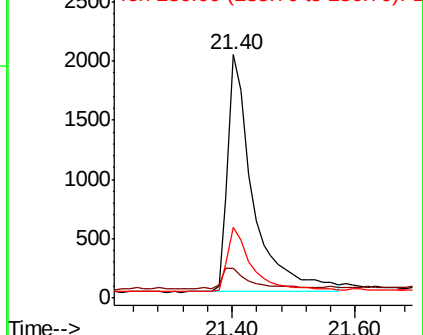
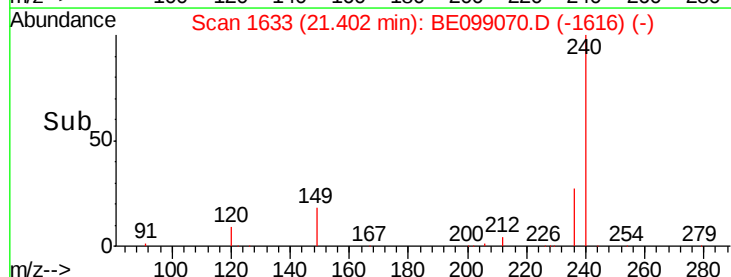
240 100

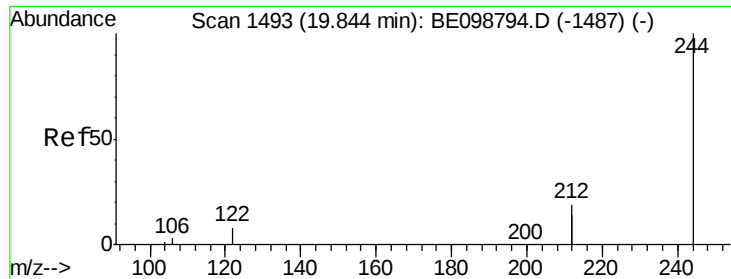
120 12.4 5.0 7.4#

236 28.9 22.7 34.1



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: 0.197 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE099070.D

Acq: 20 Mar 2019 15:55

Instrument :

BNA_E

ClientSampleId :

PB118045BL

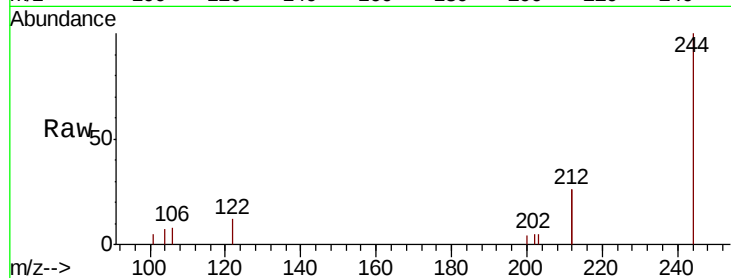
Tot Ion:244 Resp: 2747

Ion Ratio Lower Upper

244 100

212 51.2 29.4 44.2#

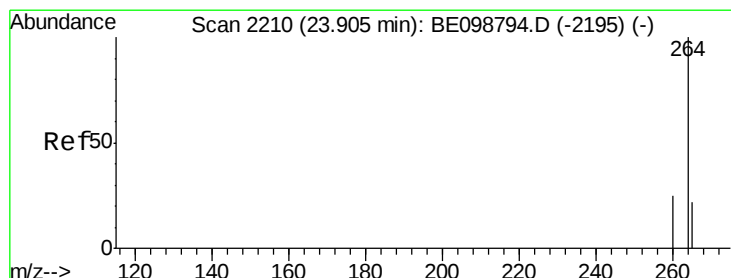
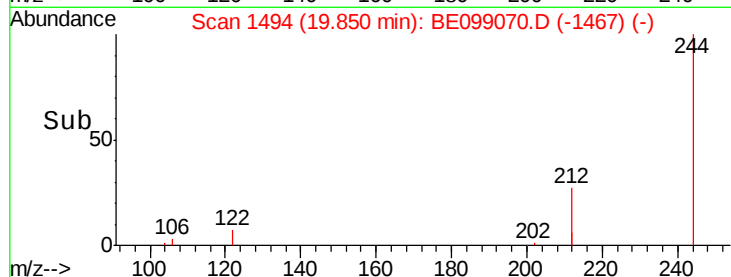
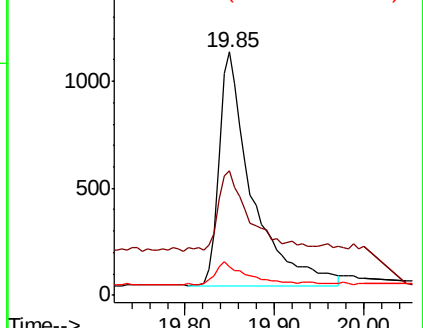
122 11.8 7.1 10.7#



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: 23.91 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BE099070.D

Acq: 20 Mar 2019 15:55

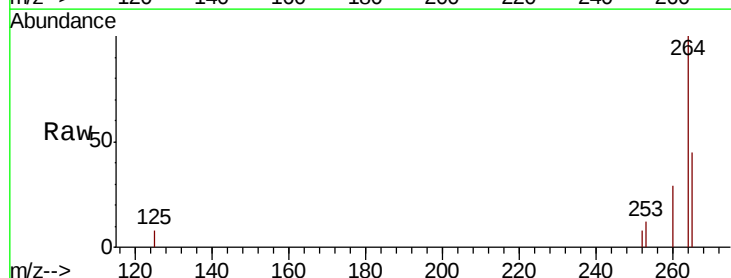
Tgt Ion:264 Resp: 4600

Ion Ratio Lower Upper

264 100

260 29.4 21.2 31.8

265 44.9 24.6 36.8#



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

