

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061319\
 Data File : BE099983.D
 Acq On : 13 Jun 2019 11:09
 Operator : JU/SJ
 Sample : PB120466BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120466BL

Quant Time: Jun 14 03:49:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	634	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	1962	0.40	ng	0.04
13) Acenaphthene-d10	14.49	164	1784	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	6309	0.40	ng	0.01
27) Chrysene-d12	21.41	240	8682	0.40	ng	0.01
34) Perylene-d12	23.93	264	10087	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	480	0.28	ng	0.00
5) Phenol-d6	7.01	99	536	0.24	ng	0.04
8) Nitrobenzene-d5	9.06	82	426	0.23	ng	0.09
11) 2-Methylnaphthalene-d10	12.27	152	1166	0.34	ng	0.06
14) 2,4,6-Tribromophenol	16.02	330	233	0.18	ng	0.05
15) 2-Fluorobiphenyl	13.15	172	2145	0.32	ng	0.04
25) Fluoranthene-d10	19.26	212	28636	0.31	ng	0.00
29) Terphenyl-d14	19.86	244	6788	0.43	ng	0.00

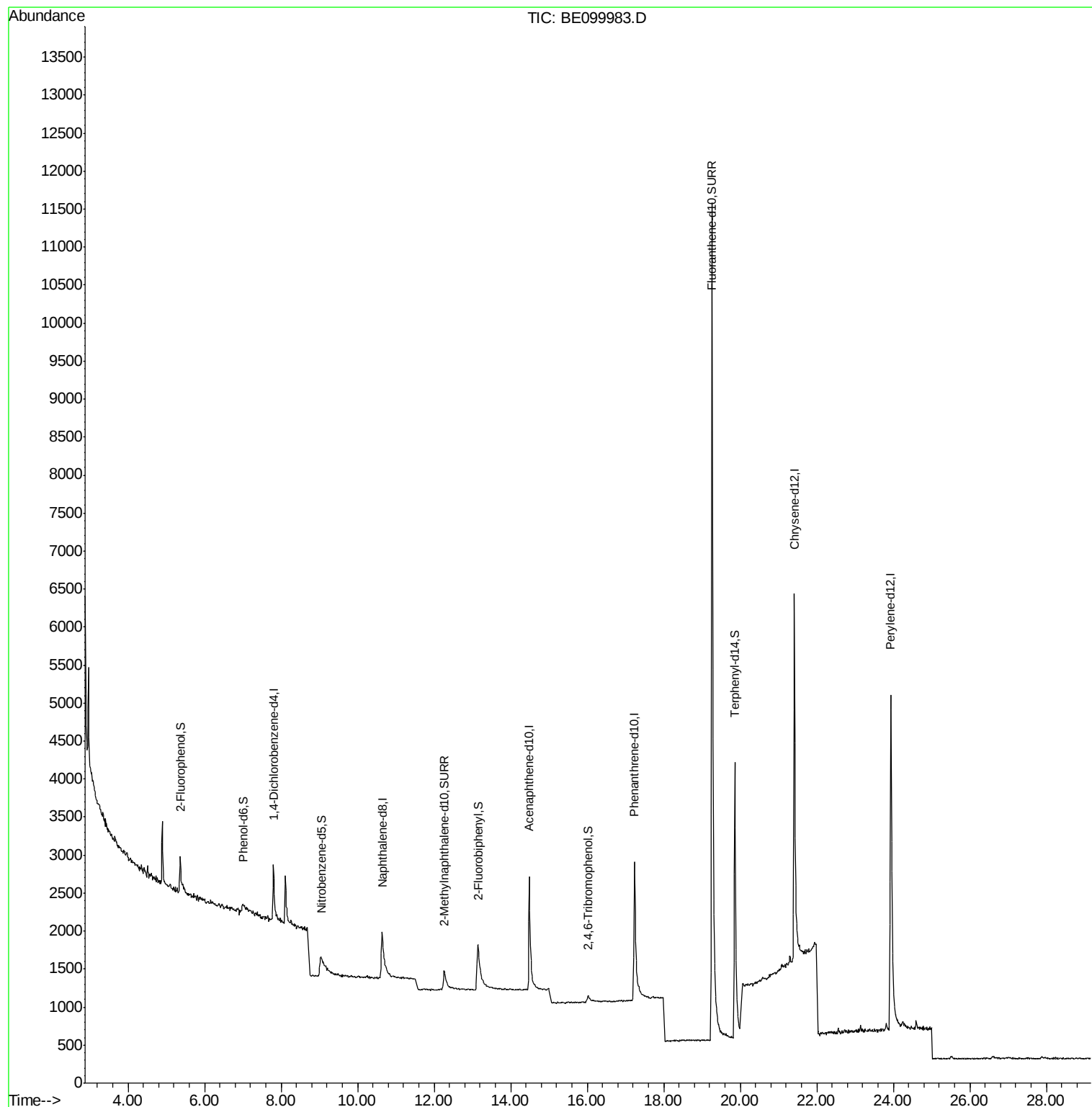
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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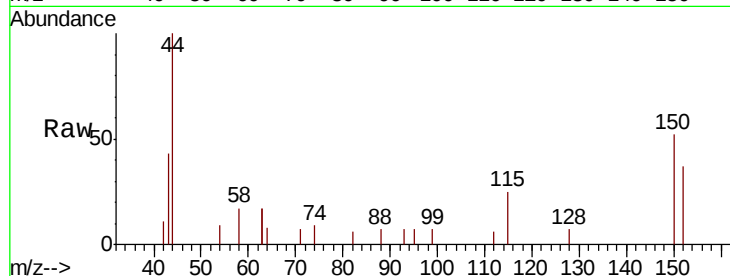


#1

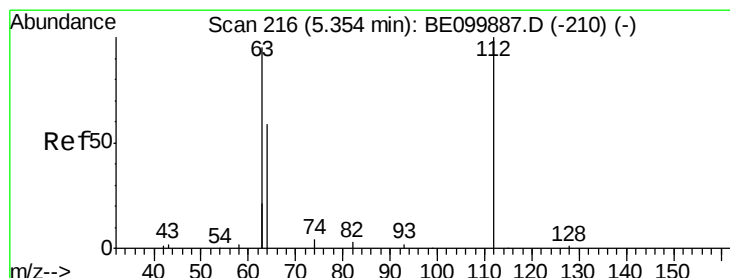
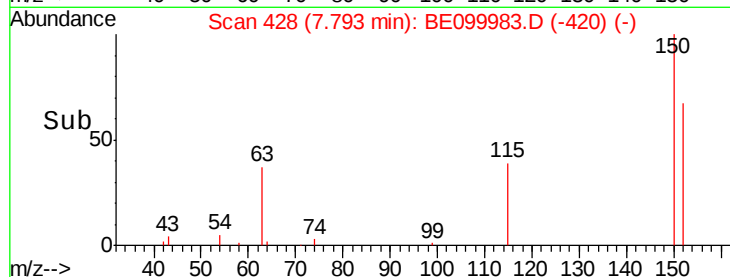
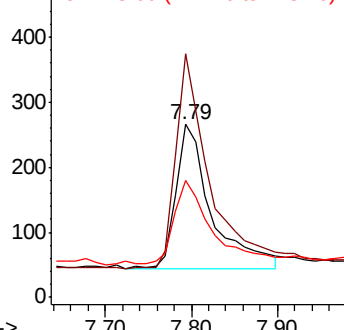
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BE099983.D
 Acq: 13 Jun 2019 11:09

Instrument :
 BNA_E
 ClientSampleId :
 PB120466BL

Tot Ion:152 Resp: 634
 Ion Ratio Lower Upper
 152 100
 150 140.6 111.0 166.6
 115 67.3 50.7 76.1



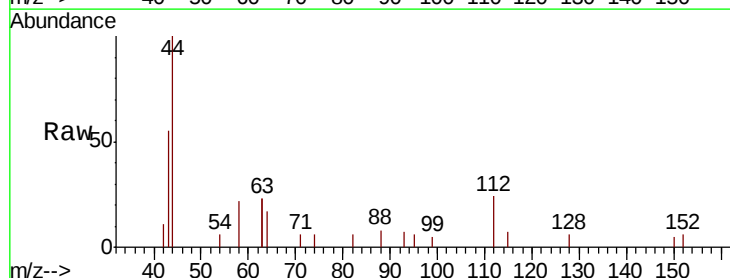
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



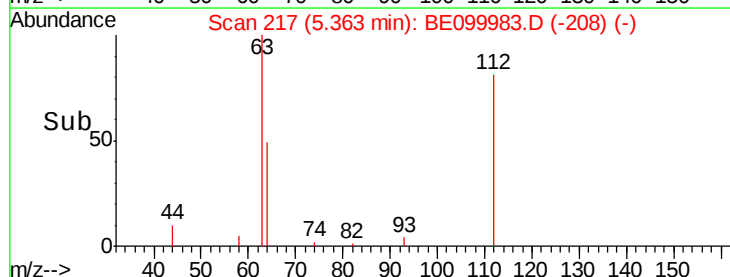
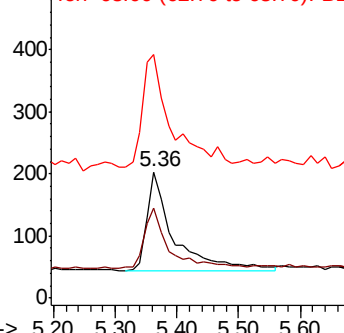
#4

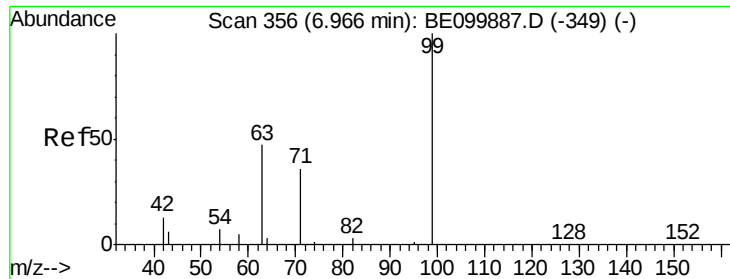
2-Fluorophenol
 Concen: 0.280 ng
 RT: 5.36 min Scan# 217
 Delta R.T. 0.01 min
 Lab File: BE099983.D
 Acq: 13 Jun 2019 11:09

Tgt Ion:112 Resp: 480
 Ion Ratio Lower Upper
 112 100
 64 56.7 44.1 66.1
 63 125.2 87.8 131.6



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: 0.243 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.04 min

Lab File: BE099983.D

Acq: 13 Jun 2019 11:09

Instrument :

BNA_E

ClientSampleId :

PB120466BL

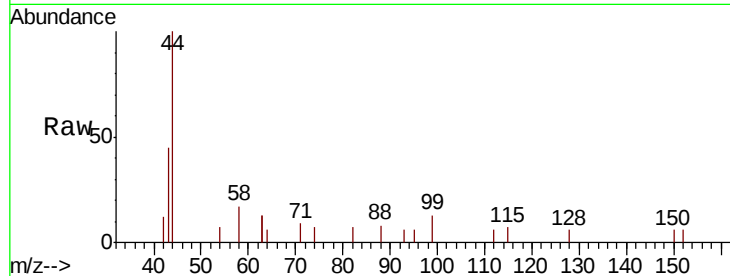
Tot Ion: 99 Resp: 536

Ion Ratio Lower Upper

99 100

42 13.8 15.9 23.9#

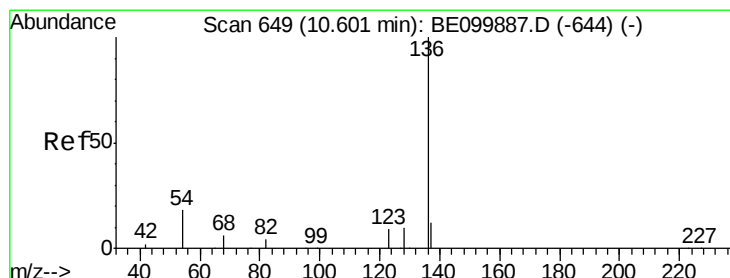
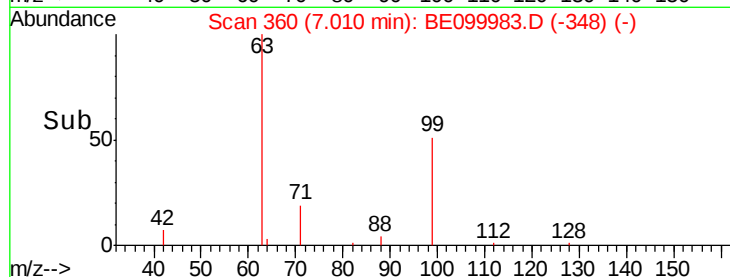
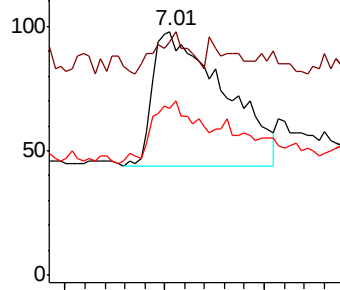
71 29.1 34.6 52.0#



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: 10.64 min Scan# 652

Delta R.T. 0.04 min

Lab File: BE099983.D

Acq: 13 Jun 2019 11:09

Tgt Ion: 136 Resp: 1962

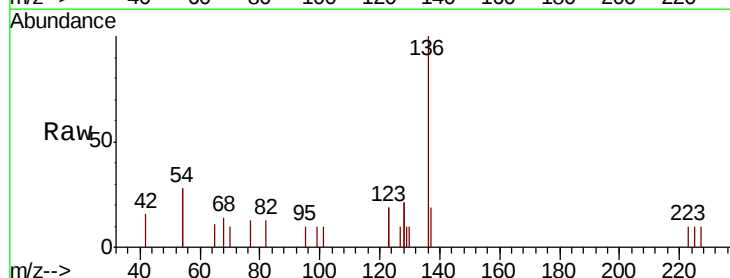
Ion Ratio Lower Upper

136 100

137 19.5 12.3 18.5#

54 56.7 28.2 42.4#

68 14.4 7.8 11.8#

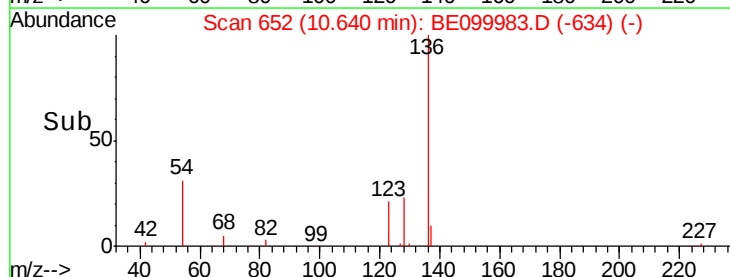
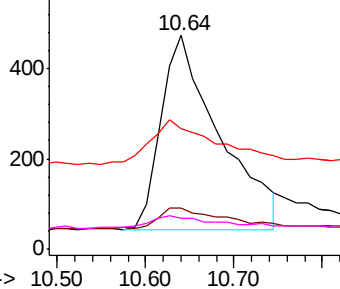


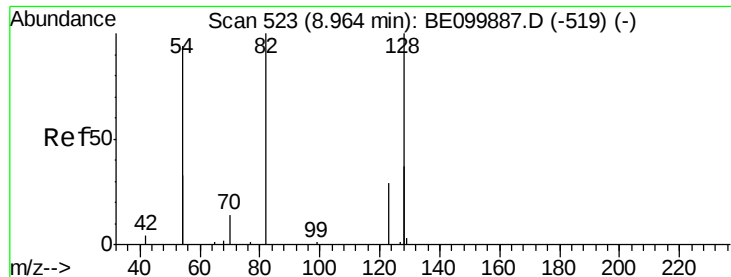
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.229 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.09 min

Lab File: BE099983.D

Acq: 13 Jun 2019 11:09

Instrument :

BNA_E

ClientSampleId :

PB120466BL

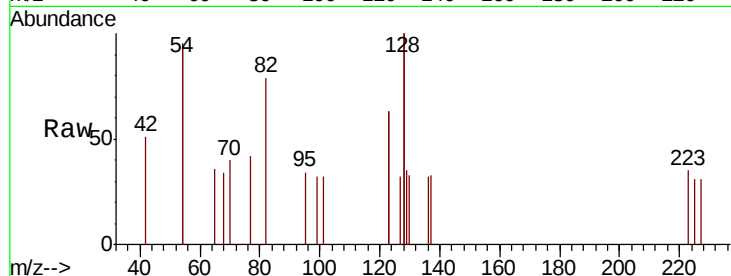
Tot Ion: 82 Resp: 426

Ion Ratio Lower Upper

82 100

128 253.6 137.3 205.9#

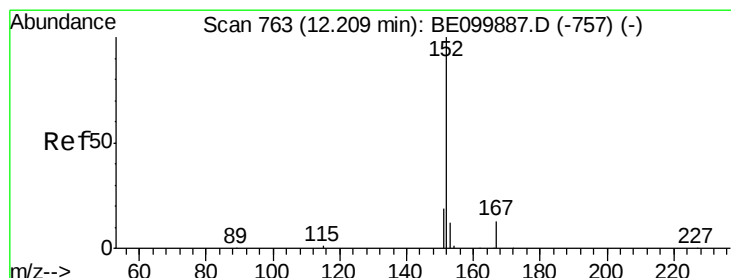
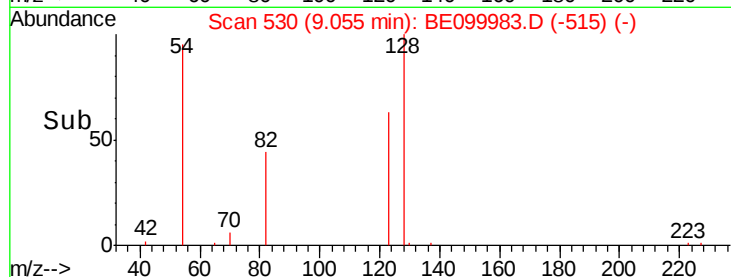
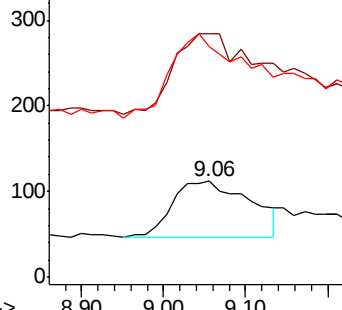
54 241.1 129.7 194.5#



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: 0.341 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.06 min

Lab File: BE099983.D

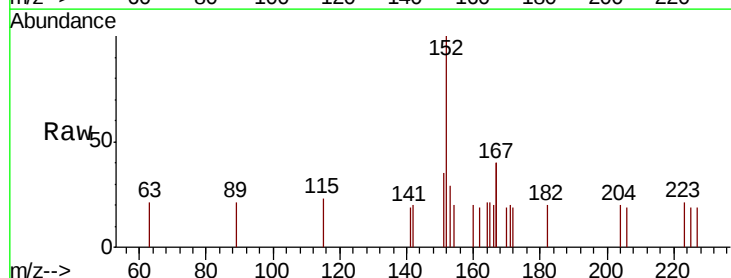
Acq: 13 Jun 2019 11:09

Tgt Ion: 152 Resp: 1166

Ion Ratio Lower Upper

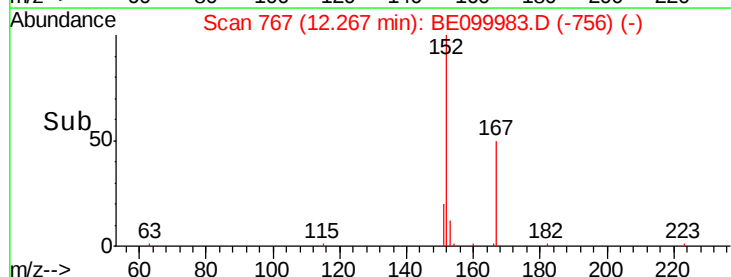
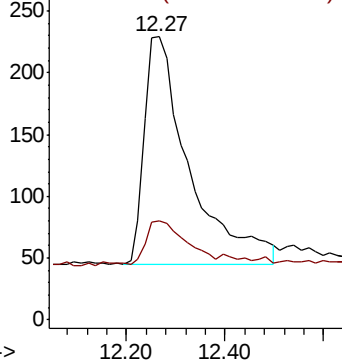
152 100

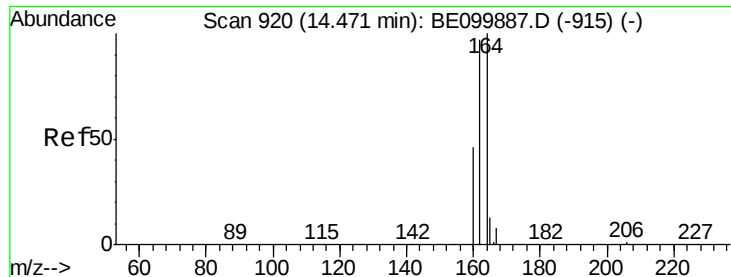
151 15.6 15.2 22.8



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: 14.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE099983.D

Acq: 13 Jun 2019 11:09

Instrument :

BNA_E

ClientSampleId :

PB120466BL

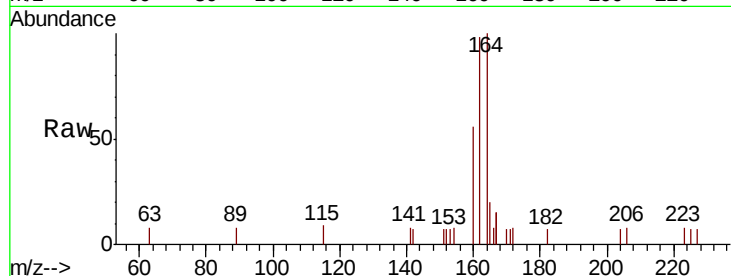
Tot Ion:164 Resp: 1784

Ion Ratio Lower Upper

164 100

162 98.3 77.8 116.8

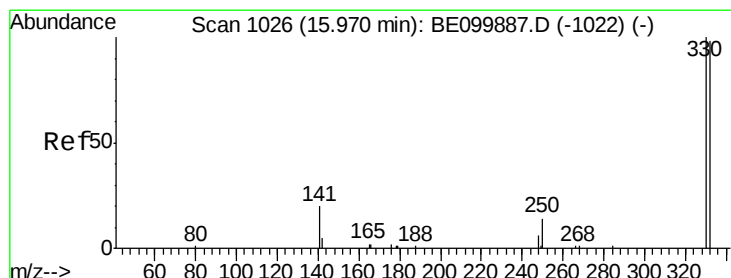
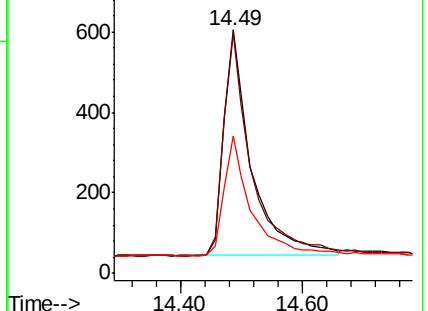
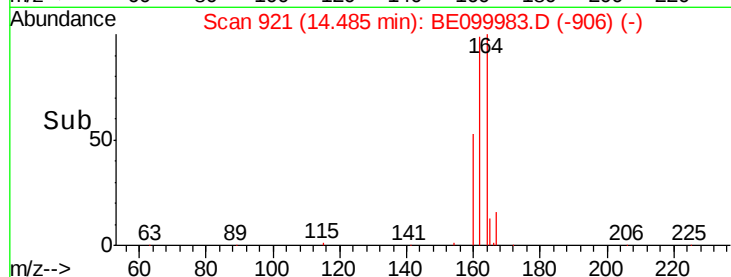
160 56.4 38.2 57.4



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: 0.177 ng

RT: 16.02 min Scan# 1030

Delta R.T. 0.05 min

Lab File: BE099983.D

Acq: 13 Jun 2019 11:09

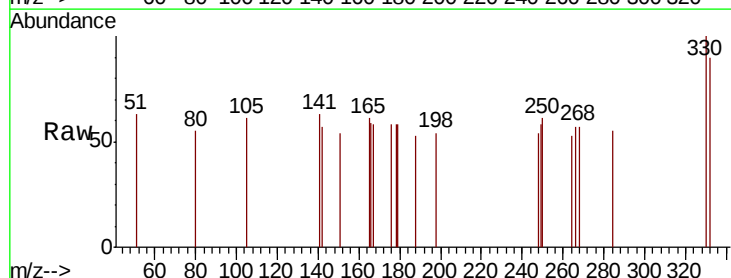
Tgt Ion:330 Resp: 233

Ion Ratio Lower Upper

330 100

332 75.1 76.7 115.1#

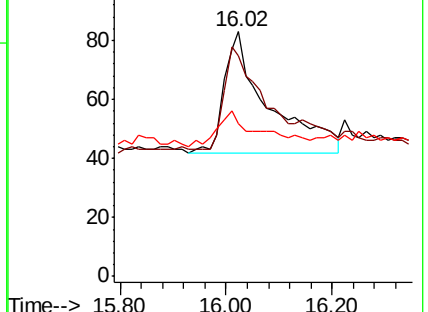
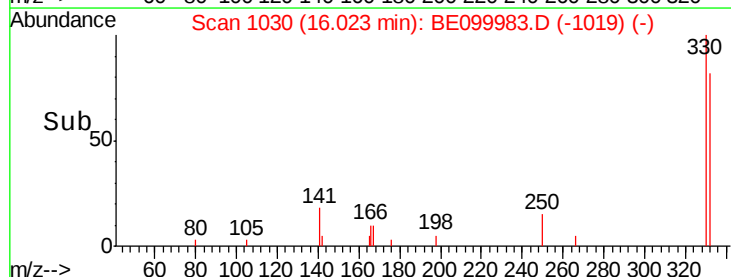
141 28.3 21.0 31.6

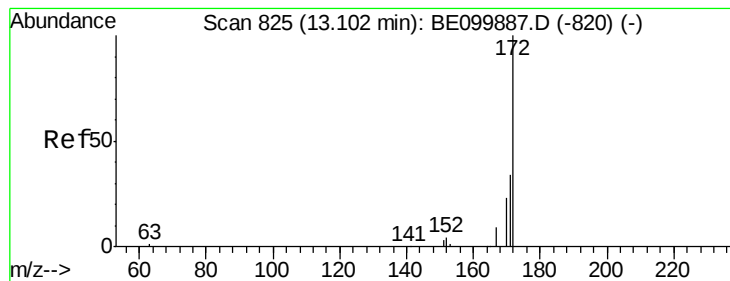


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

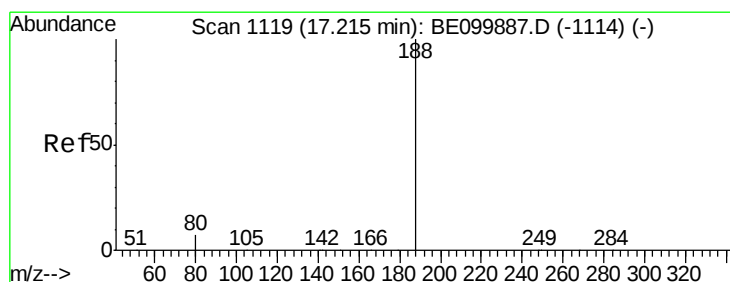
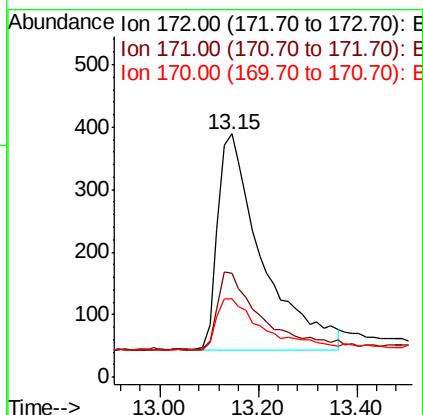
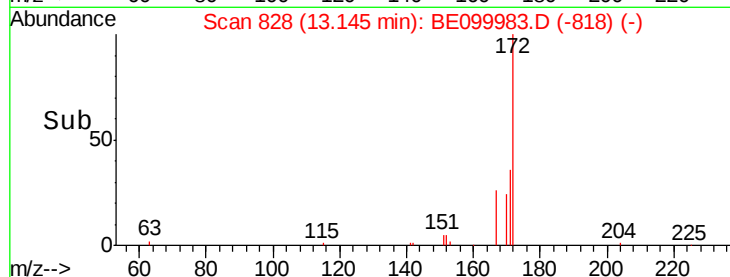
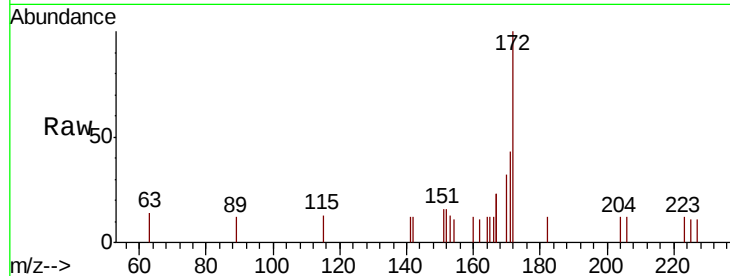




#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.04 min
Lab File: BE099983.D
Acq: 13 Jun 2019 11:09

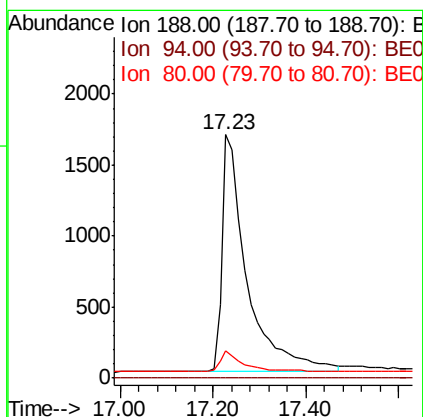
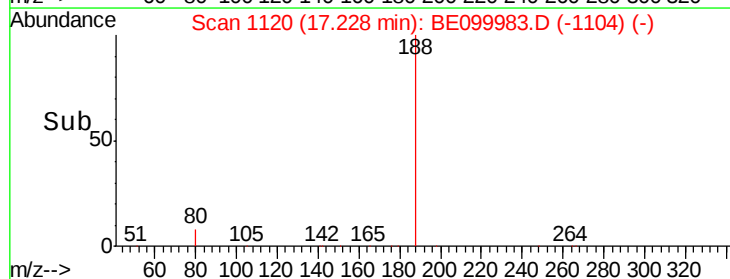
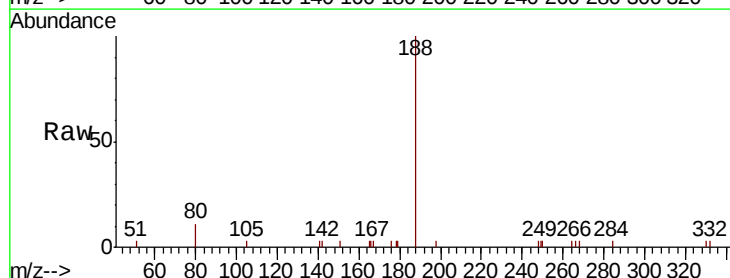
Instrument :
BNA_E
ClientSampleId :
PB120466BL

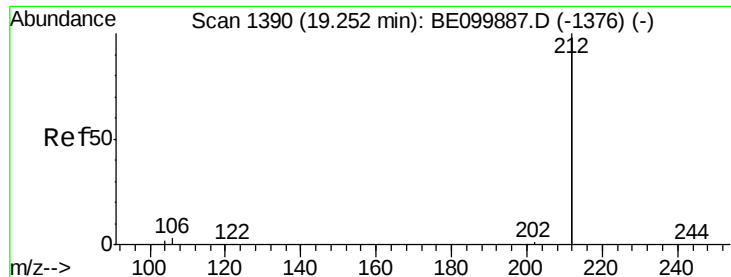
Tot Ion:172 Resp: 2145
Ion Ratio Lower Upper
172 100
171 42.7 29.2 43.8
170 32.4 21.2 31.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE099983.D
Acq: 13 Jun 2019 11:09

Tgt Ion:188 Resp: 6309
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 6.4 9.6#





#25

Fluoranthene-d10

Concen: 0.312 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE099983.D

Acq: 13 Jun 2019 11:09

Instrument :

BNA_E

ClientSampleId :

PB120466BL

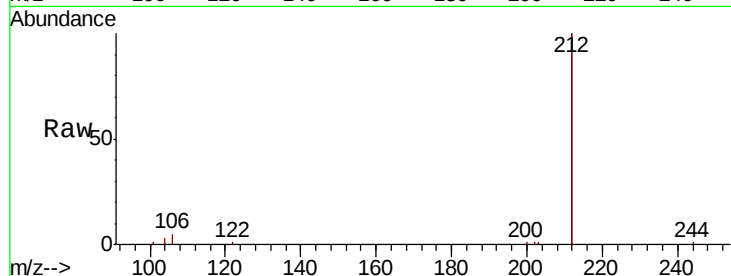
Tot Ion:212 Resp: 28636

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

104 1.0 0.9 1.3

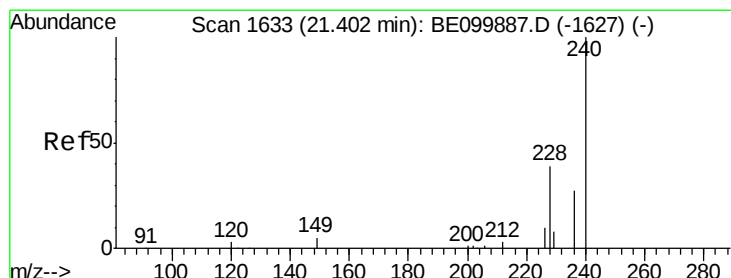
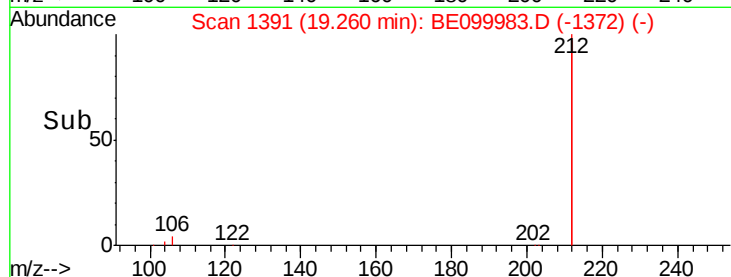
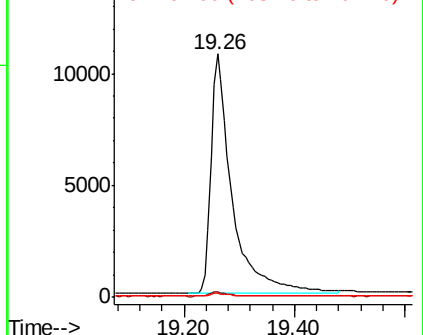


Abundance

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: 21.41 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE099983.D

Acq: 13 Jun 2019 11:09

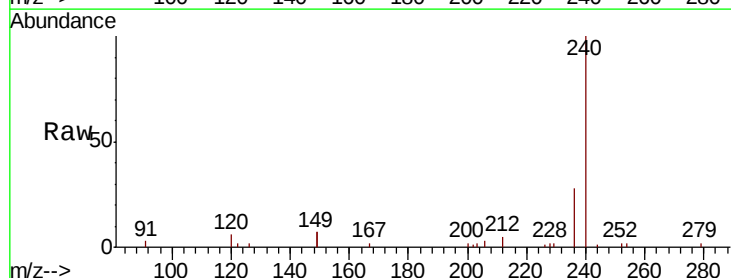
Tgt Ion:240 Resp: 8682

Ion Ratio Lower Upper

240 100

120 6.1 3.8 5.6#

236 28.2 22.0 33.0

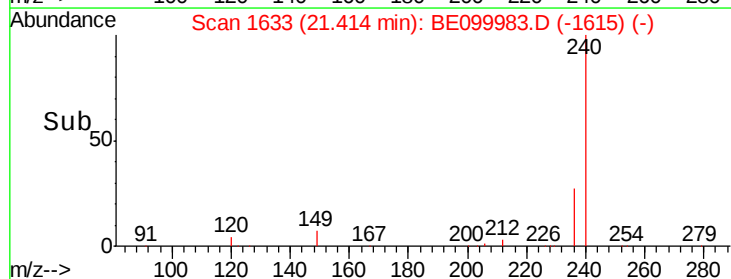
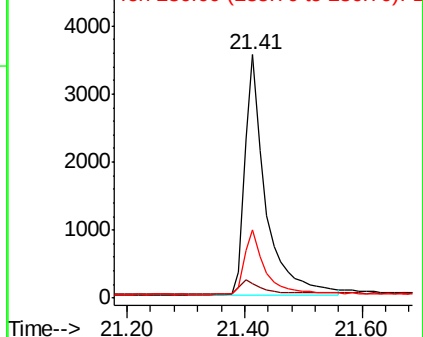


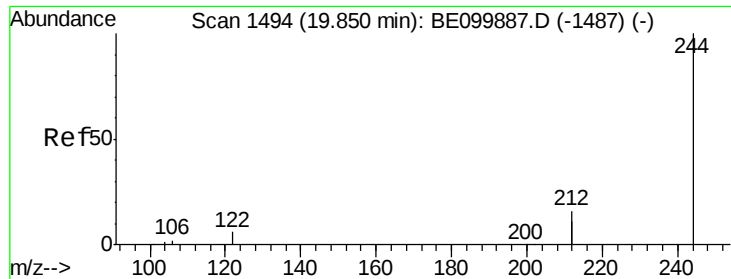
Abundance

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: 0.434 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE099983.D

Acq: 13 Jun 2019 11:09

Instrument :

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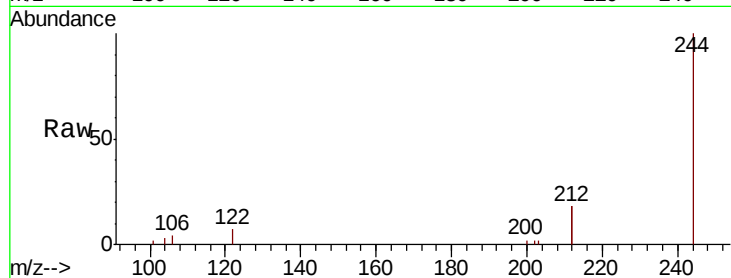
Tot Ion:244 Resp: 6788

Ion Ratio Lower Upper

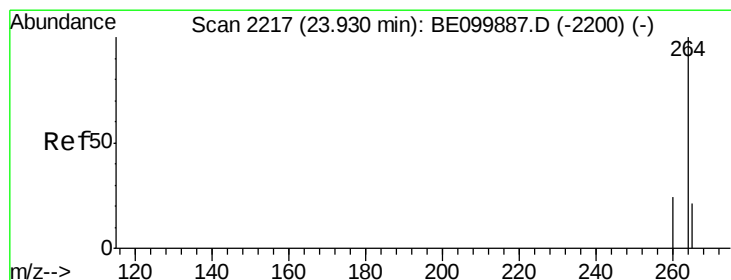
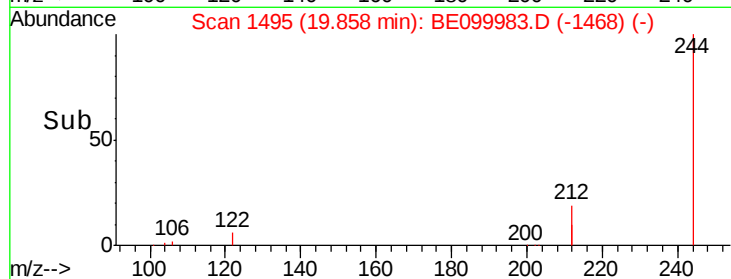
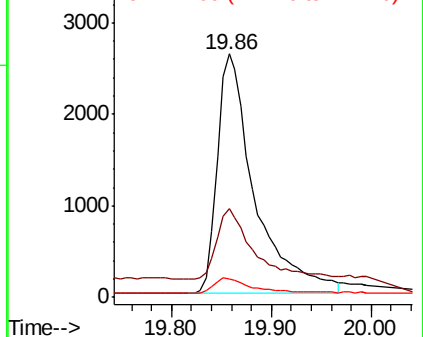
244 100

212 36.5 25.7 38.5

122 7.5 5.5 8.3



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# 2217

Delta R.T. 0.00 min

Lab File: BE099983.D

Acq: 13 Jun 2019 11:09

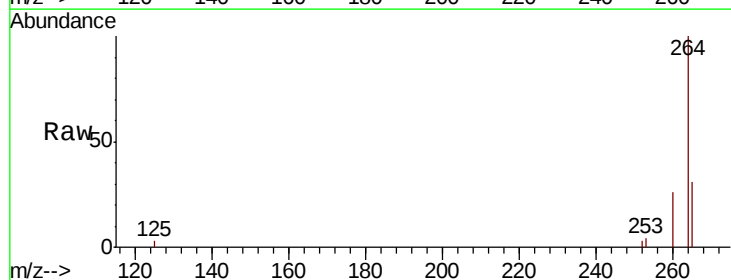
Tgt Ion:264 Resp: 10087

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 30.7 22.0 33.0



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

