

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040219\
 Data File : BE099278.D
 Acq On : 2 Apr 2019 17:34
 Operator : JU/SJ
 Sample : PB117525BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117525BL

Quant Time: Apr 03 05:24:29 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	7.82	152	3945	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	13486	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	7780	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	21661	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	26948	0.40	ng	-0.02
34) Perylene-d12	23.86	264	31093	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3024	0.29	ng	-0.01
5) Phenol-d6	6.98	99	3852	0.27	ng	-0.01
8) Nitrobenzene-d5	8.98	82	2730	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	6498	0.28	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	729	0.20	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	9349	0.31	ng	-0.01
25) Fluoranthene-d10	19.22	212	73561	0.26	ng	-0.02
29) Terphenyl-d14	19.82	244	12678	0.26	ng	-0.02

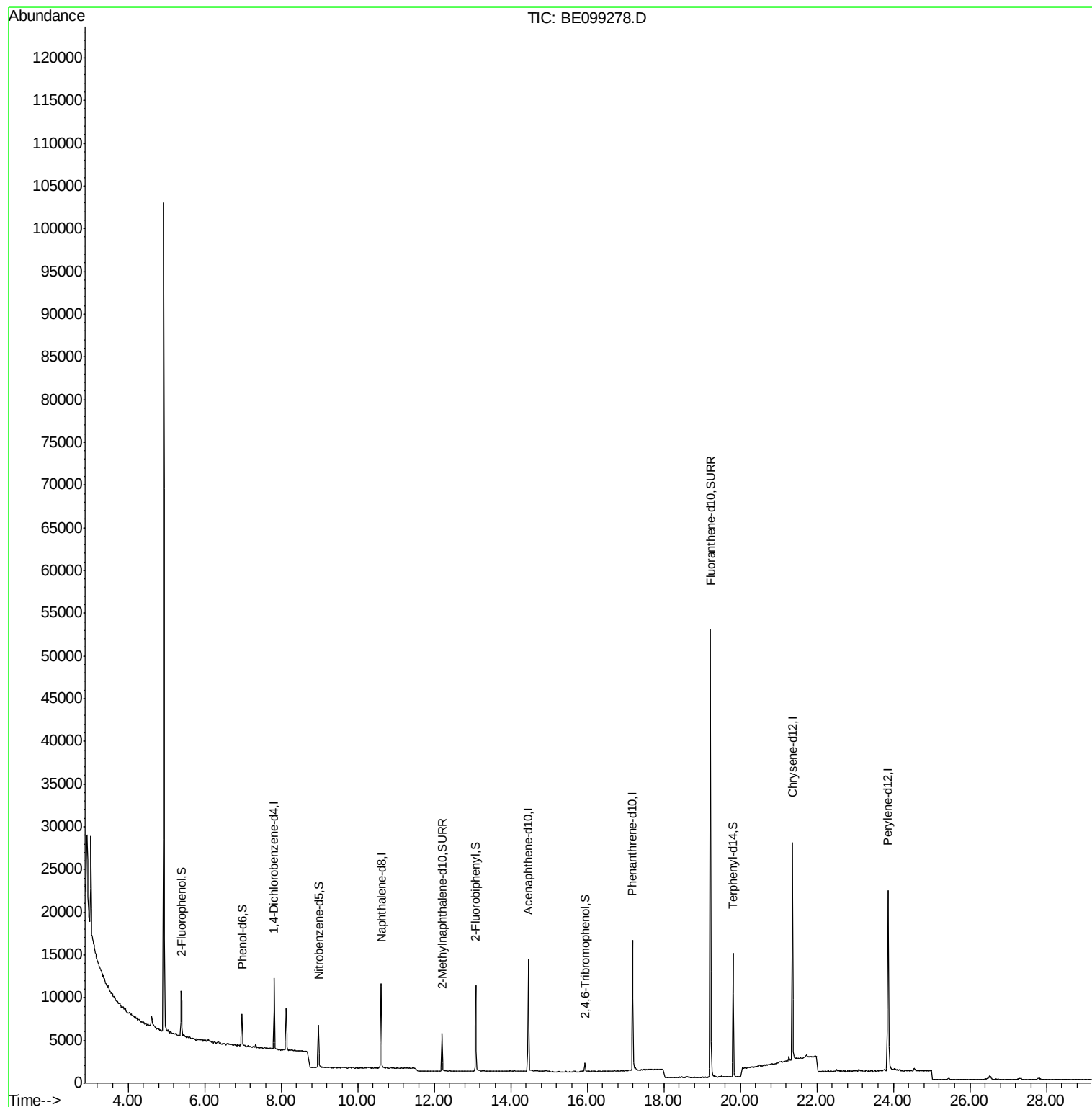
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

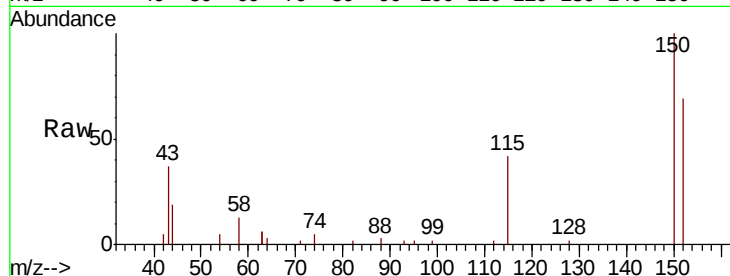
Tot Ion:152 Resp: 3945

Ion Ratio Lower Upper

152 100

150 145.1 112.8 169.2

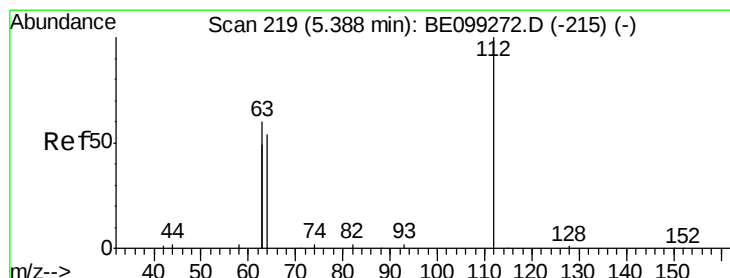
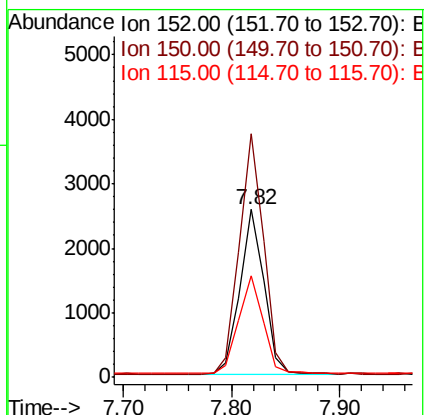
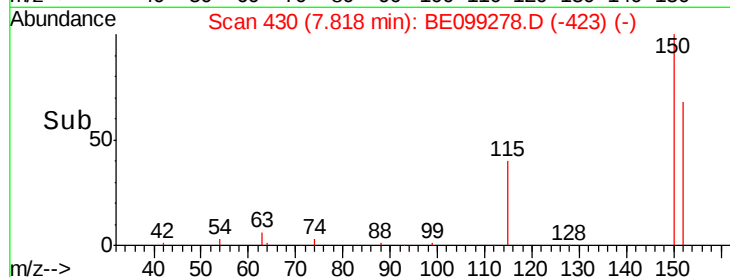
115 60.5 45.1 67.7



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: BE099278.D

Acq: 2 Apr 2019 17:34

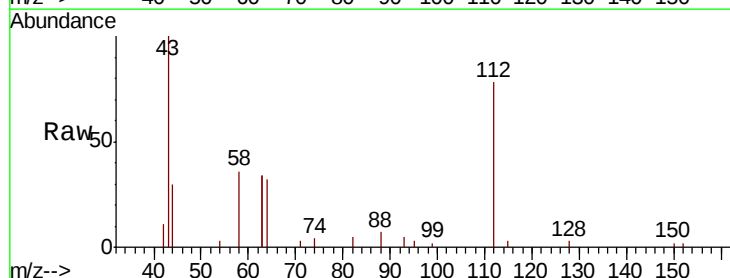
Tgt Ion:112 Resp: 3024

Ion Ratio Lower Upper

112 100

64 56.6 46.2 69.2

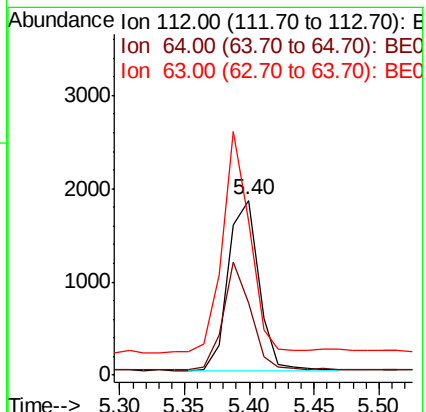
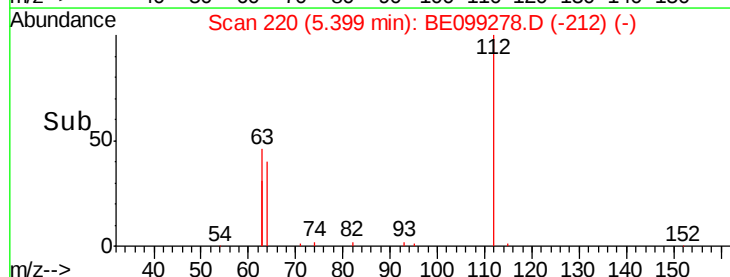
63 114.6 89.9 134.9

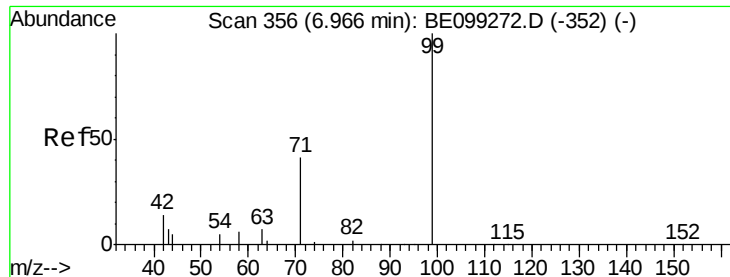


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.267 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

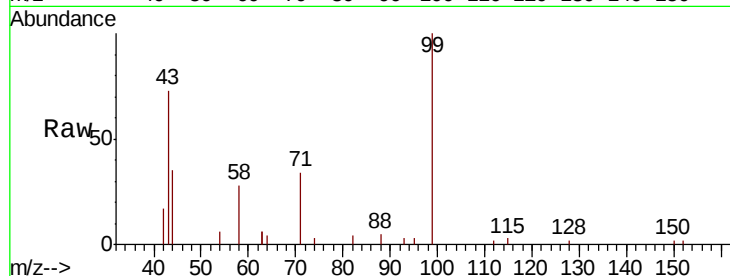
Tot Ion: 99 Resp: 3852

Ion Ratio Lower Upper

99 100

42 14.2 12.4 18.6

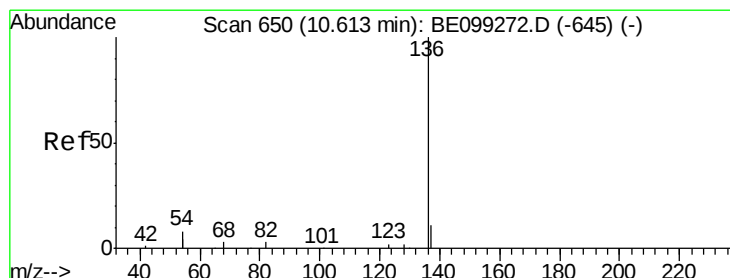
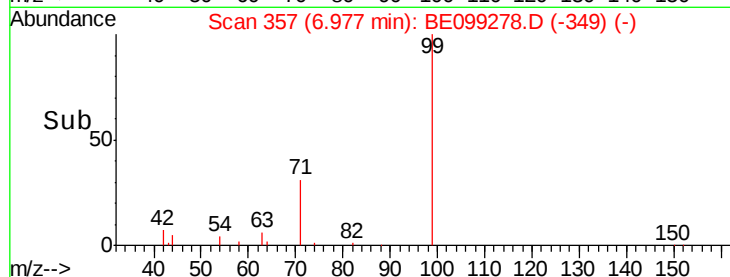
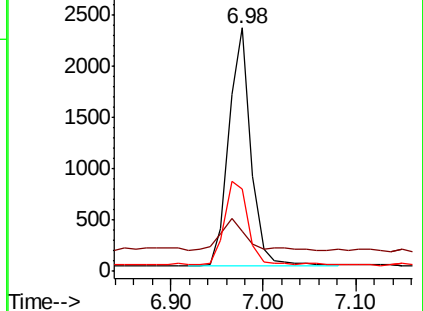
71 37.5 28.4 42.6



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: BE099278.D

Acq: 2 Apr 2019 17:34

Tgt Ion: 136 Resp: 13486

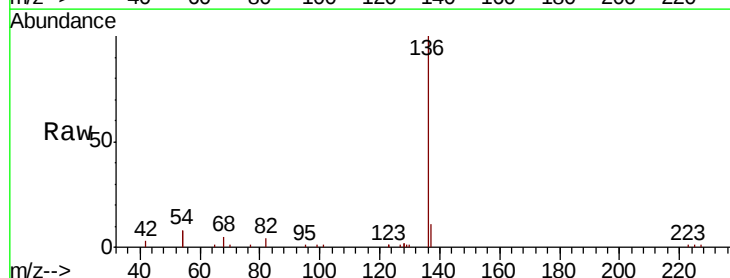
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 16.4 18.7 28.1#

68 4.9 5.2 7.8#

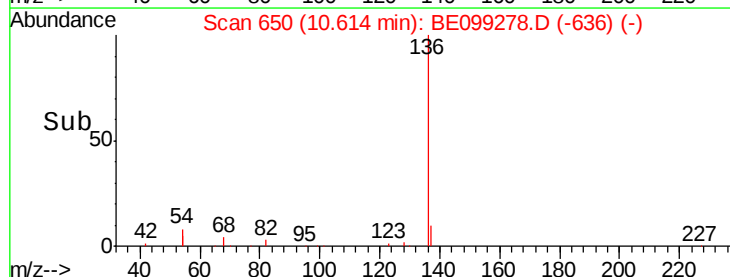
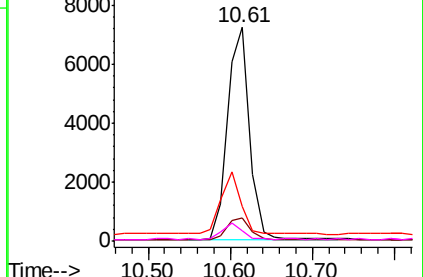


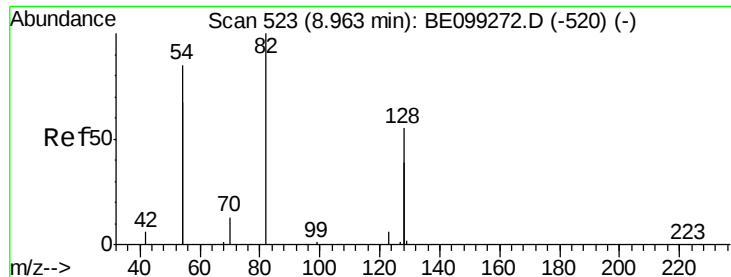
Abundance Ion 136.00 (135.70 to 136.70): E

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

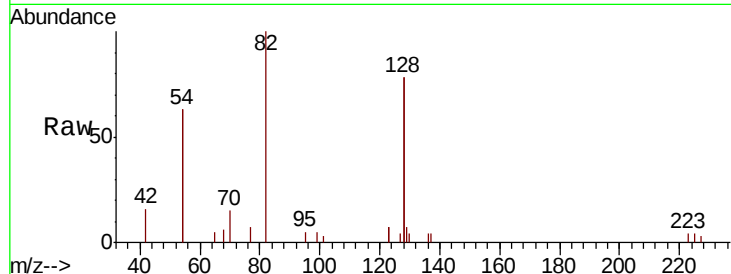




#8
 Nitrobenzene-d5
 Concen: 0.295 ng
 RT: 8.98 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BE099278.D
 Acq: 2 Apr 2019 17:34

Instrument :
 BNA_E
 ClientSampleId :
 PB117525BL

Tot Ion	82	Resp	2730
Ion Ratio	Lower	Upper	
82	100		
128	155.4	107.5	161.3
54	125.8	106.3	159.5

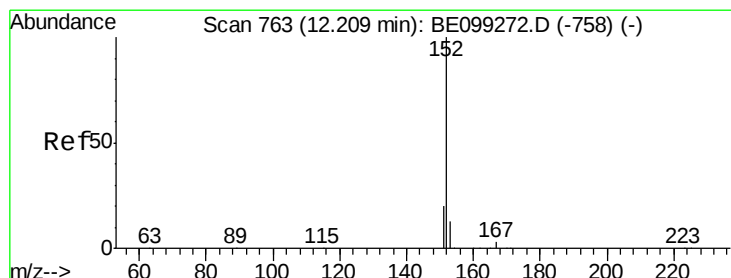
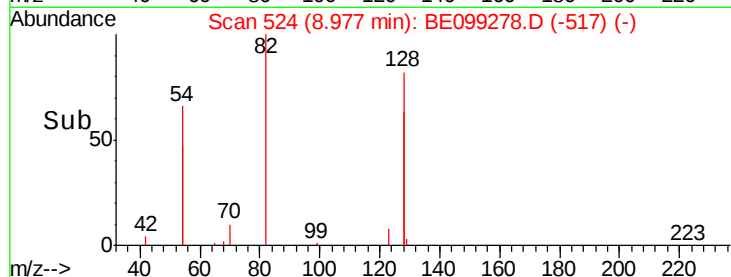
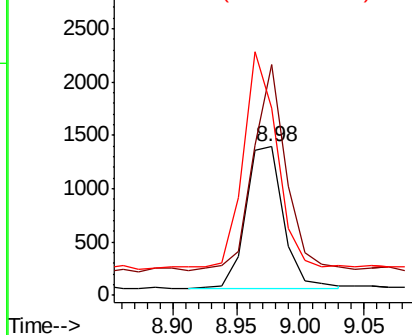


Abundance

Ion 82.00 (81.70 to 82.70): BE0

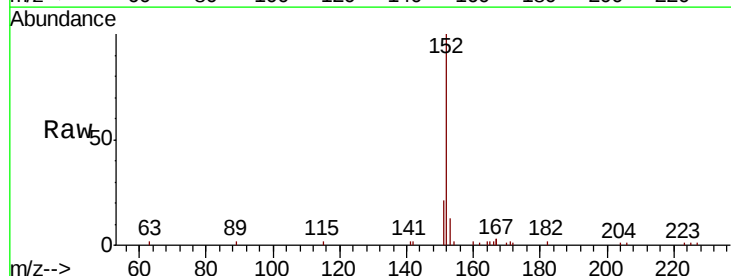
Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11
 2-Methylnaphthalene-d10
 Concen: 0.276 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE099278.D
 Acq: 2 Apr 2019 17:34

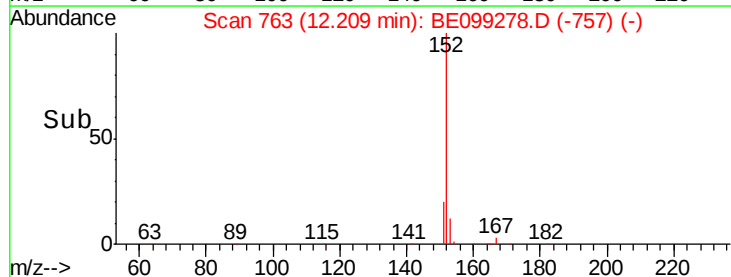
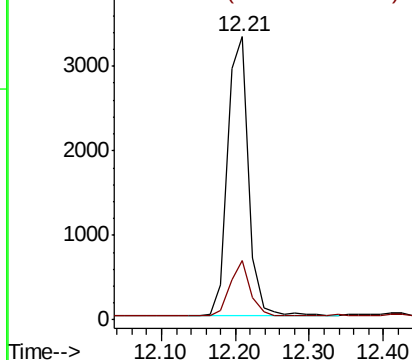
Tgt Ion	152	Resp	6498
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.0	22.6

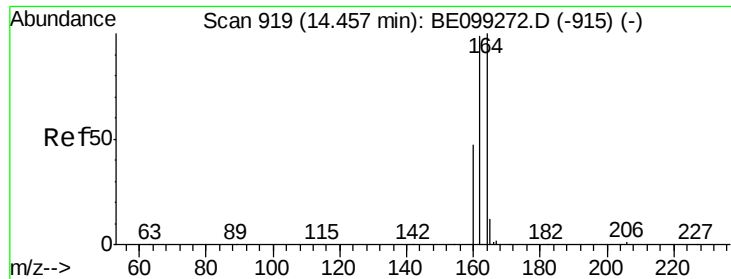


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

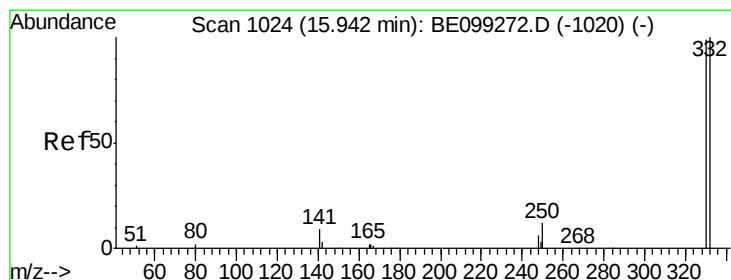
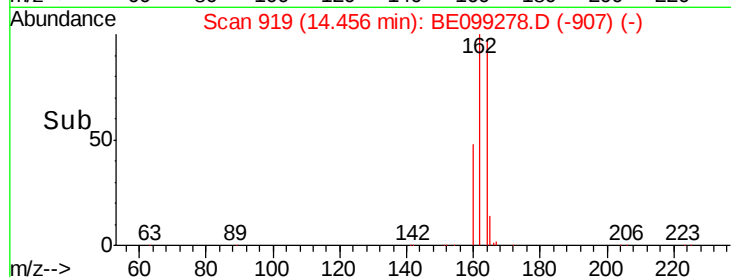
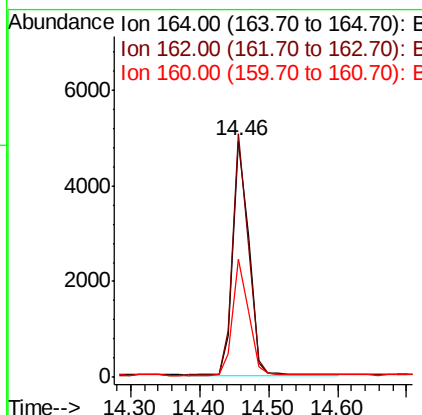
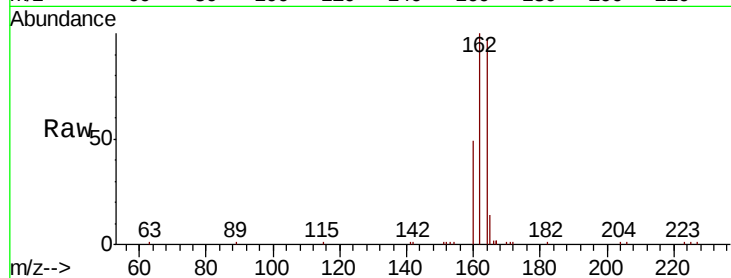




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099278.D
Acq: 2 Apr 2019 17:34

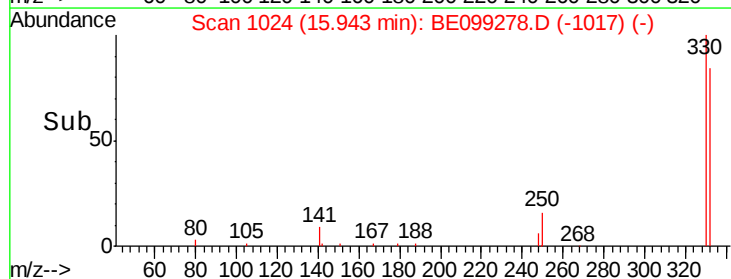
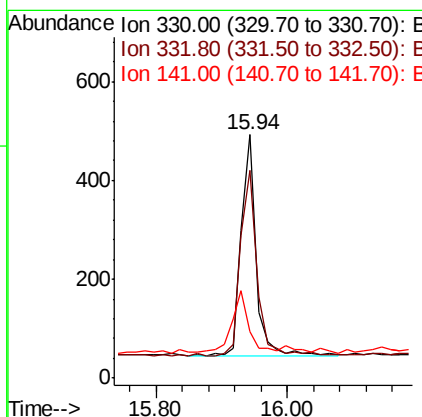
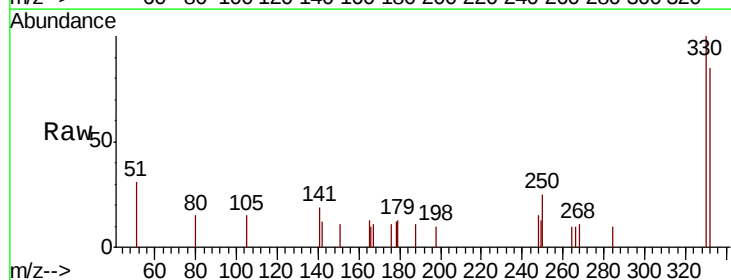
Instrument :
BNA_E
ClientSampleId :
PB117525BL

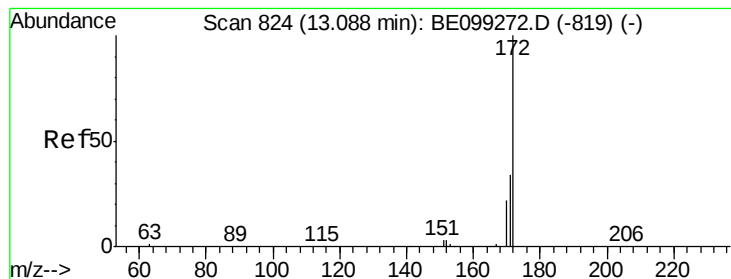
Tot Ion:164 Resp: 7780
Ion Ratio Lower Upper
164 100
162 103.0 79.2 118.8
160 50.2 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.203 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099278.D
Acq: 2 Apr 2019 17:34

Tgt Ion:330 Resp: 729
Ion Ratio Lower Upper
330 100
332 93.1 71.3 106.9
141 29.6 21.7 32.5

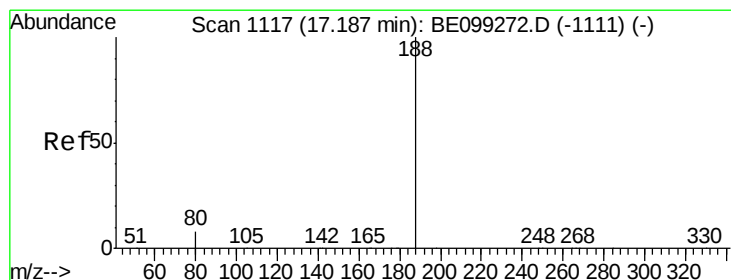
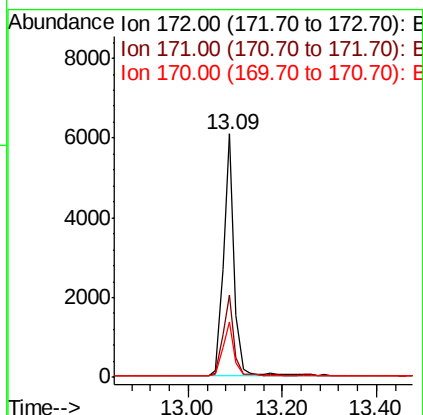
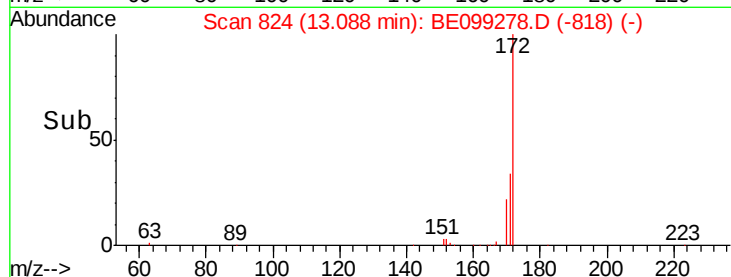
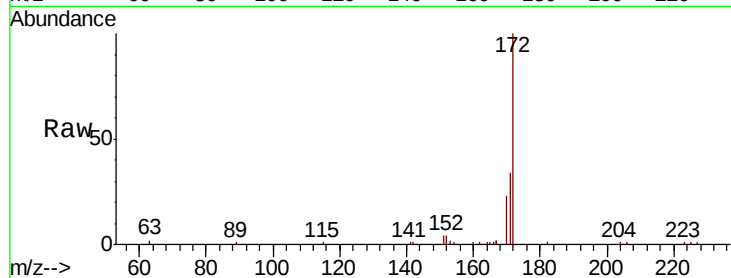




#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099278.D
Acq: 2 Apr 2019 17:34

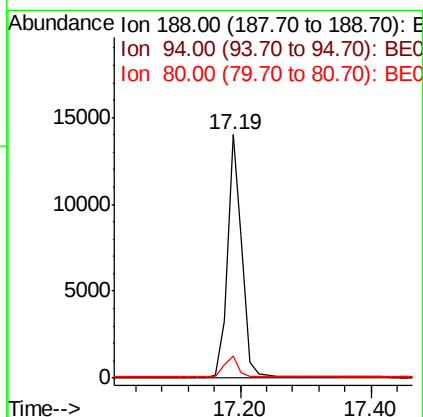
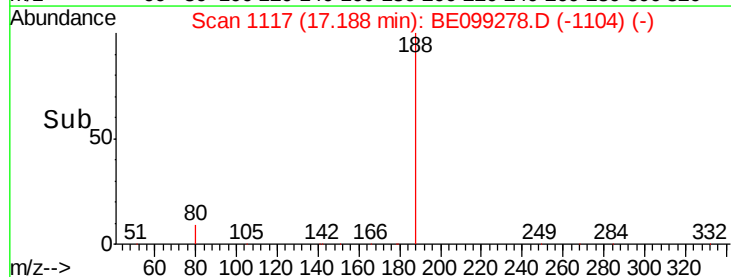
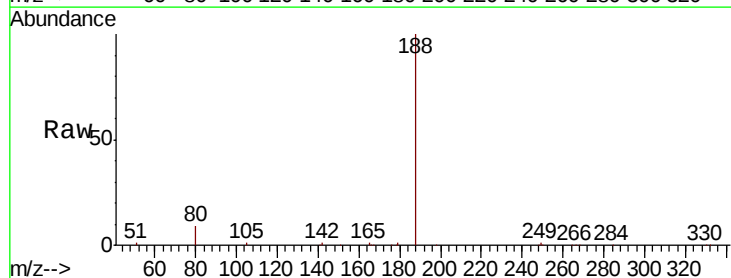
Instrument :
BNA_E
ClientSampleId :
PB117525BL

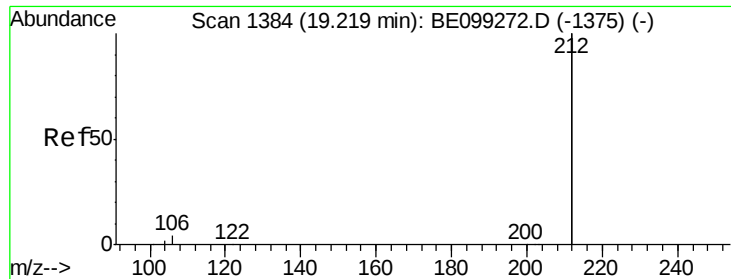
Tot Ion:172 Resp: 9349
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 22.7 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BE099278.D
Acq: 2 Apr 2019 17:34

Tgt Ion:188 Resp: 21661
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.257 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

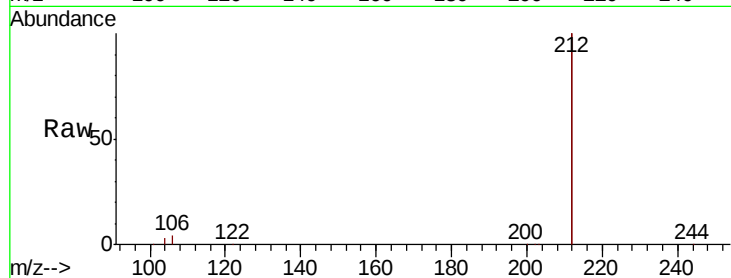
Tot Ion:212 Resp: 73561

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

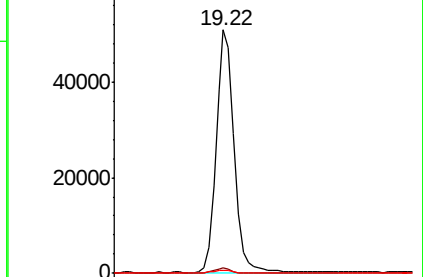
104 1.2 1.1 1.7



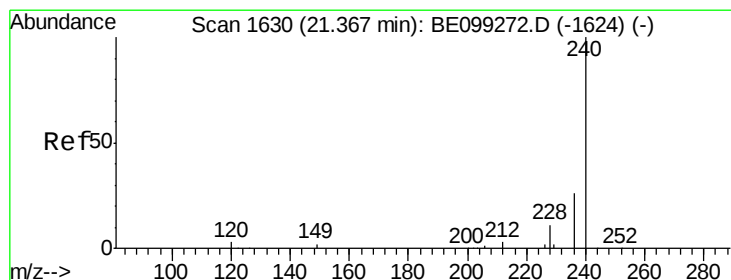
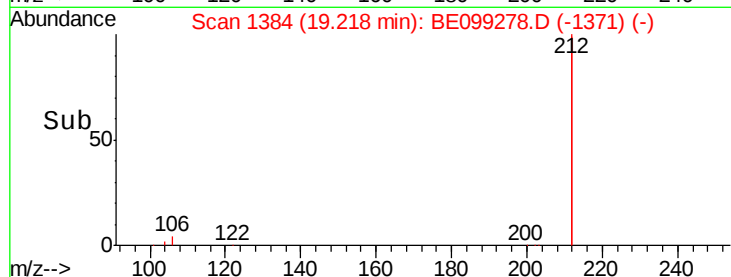
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 19.10 19.20 19.30 19.40



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

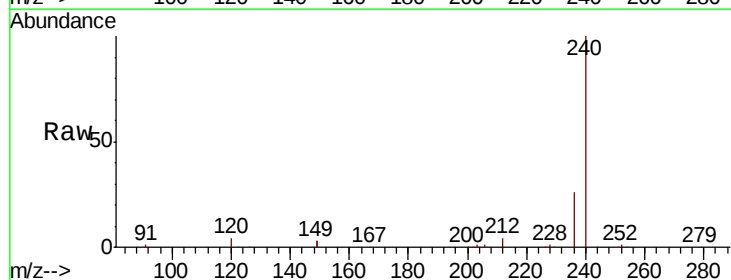
Tgt Ion:240 Resp: 26948

Ion Ratio Lower Upper

240 100

120 4.3 2.6 3.8#

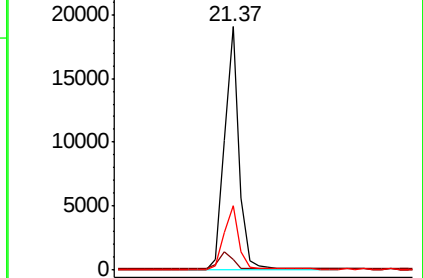
236 26.2 20.9 31.3



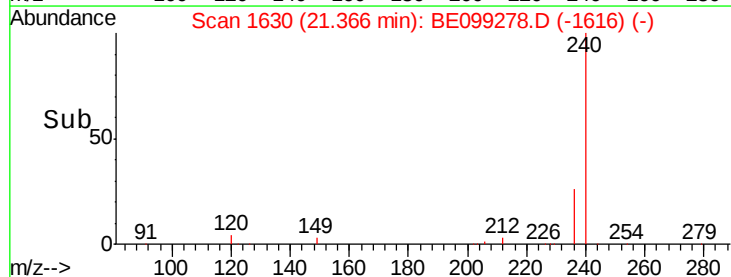
Abundance Ion 240.00 (239.70 to 240.70): E

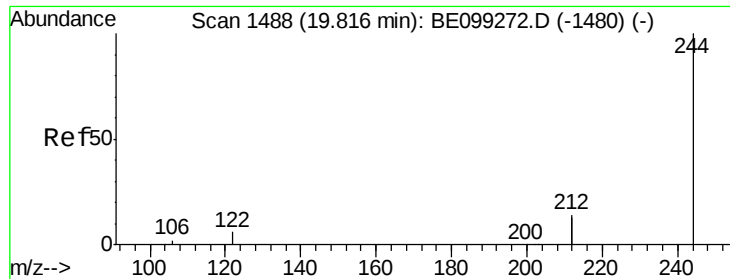
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.30 21.40 21.50





#29

Terphenyl-d14

Concen: 0.258 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099278.D

Acq: 2 Apr 2019 17:34

Instrument :

BNA_E

ClientSampleId :

PB117525BL

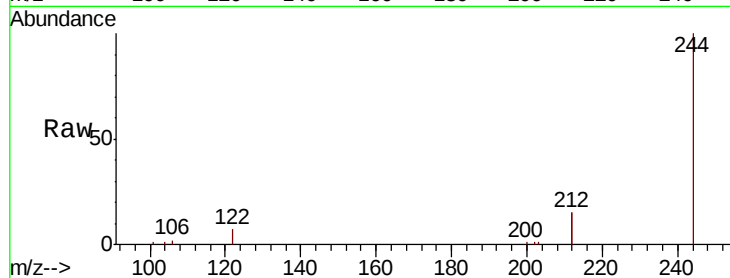
Tot Ion:244 Resp: 12678

Ion Ratio Lower Upper

244 100

212 30.4 22.7 34.1

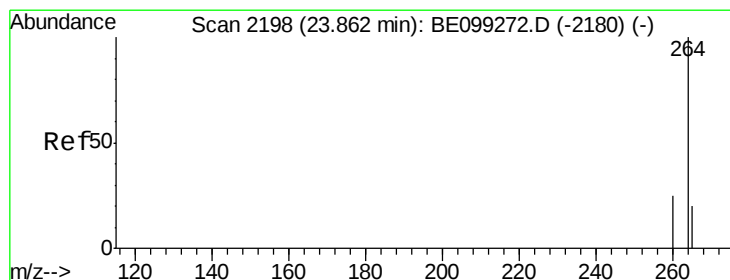
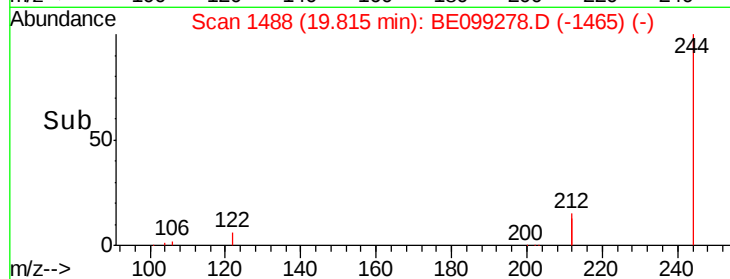
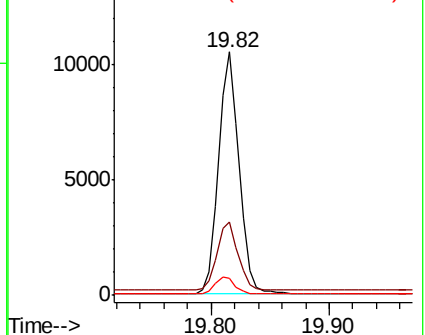
122 6.7 5.8 8.6



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: BE099278.D

Acq: 2 Apr 2019 17:34

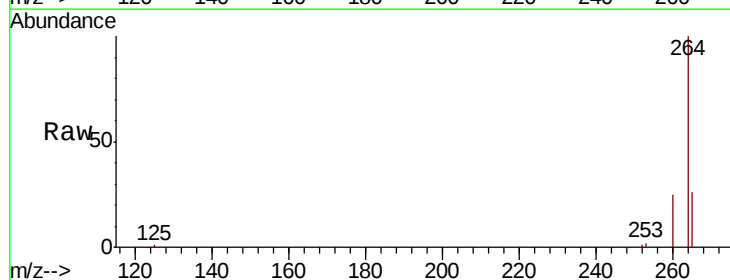
Tgt Ion:264 Resp: 31093

Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.2

265 26.5 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

