

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
 Data File : BE098602.D
 Acq On : 2 Jan 2019 10:59
 Operator : SJ/JU
 Sample : PB116071BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB116071BL

Quant Time: Jan 02 11:37:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 02 10:30:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	822	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	3238	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2011	0.40	ng	0.02
19) Phenanthrene-d10	17.23	188	4903	0.40	ng	0.01
27) Chrysene-d12	21.41	240	6198	0.40	ng	0.01
34) Perylene-d12	23.92	264	6288	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	873	0.45	ng	0.02
5) Phenol-d6	7.01	99	978	0.36	ng	0.02
8) Nitrobenzene-d5	8.99	82	896	0.30	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1791	0.34	ng	0.02
14) 2,4,6-Tribromophenol	15.99	330	273	0.37	ng	0.02
15) 2-Fluorobiphenyl	13.10	172	2523	0.30	ng	0.02
25) Fluoranthene-d10	19.26	212	23202	0.37	ng	0.01
29) Terphenyl-d14	19.86	244	4902	0.33	ng	0.01

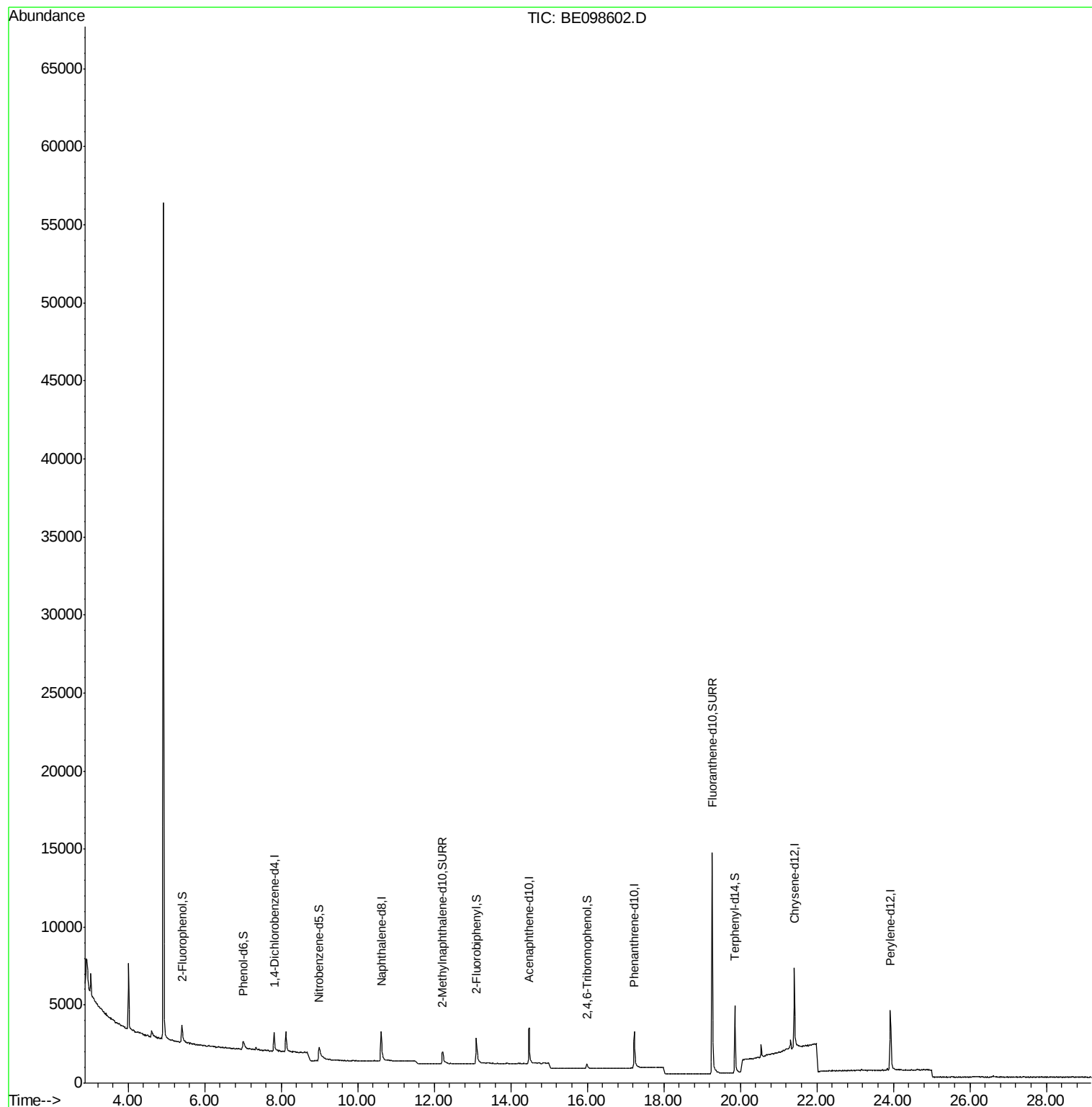
Target Compounds	Qvalue
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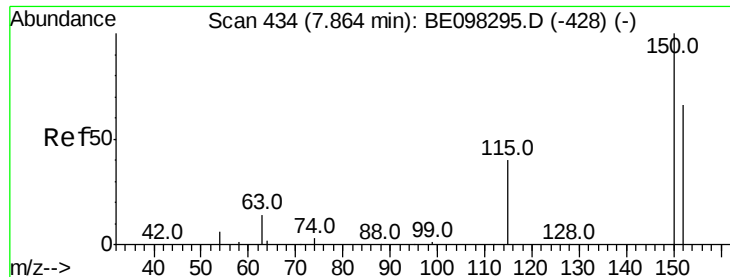
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.01 min

Lab File: BE098602.D

Acq: 2 Jan 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB116071BL

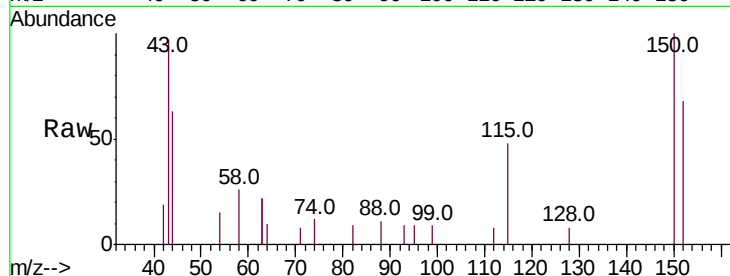
Tot Ion:152 Resp: 822

Ion Ratio Lower Upper

152 100

150 146.6 124.2 186.4

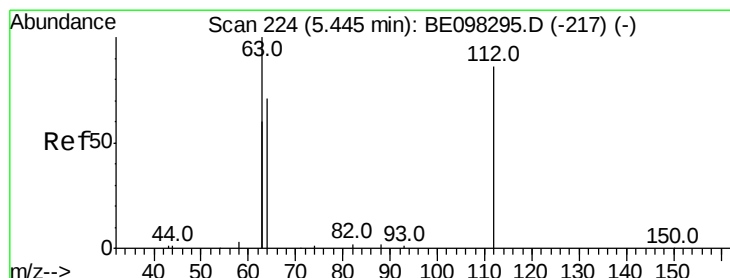
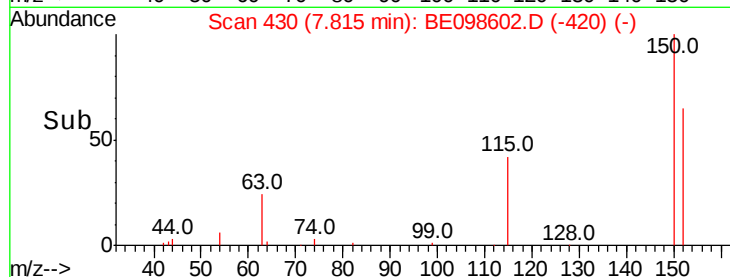
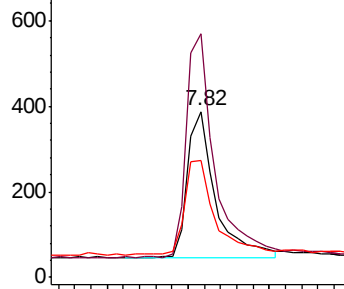
115 70.4 53.9 80.9



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: 0.454 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098602.D

Acq: 2 Jan 2019 10:59

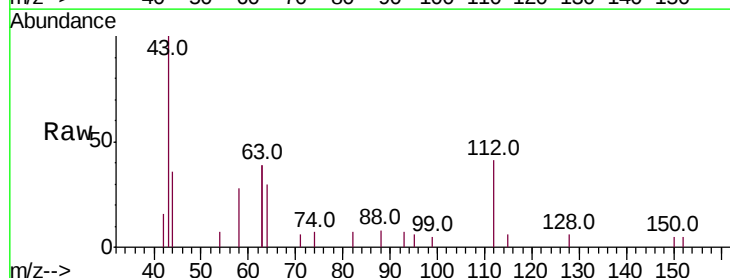
Tgt Ion:112 Resp: 873

Ion Ratio Lower Upper

112 100

64 75.0 59.8 89.8

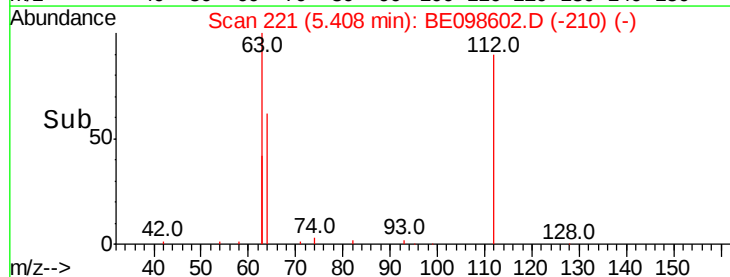
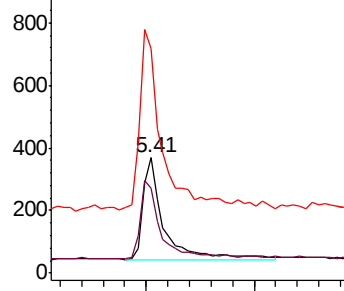
63 181.1 133.7 200.5

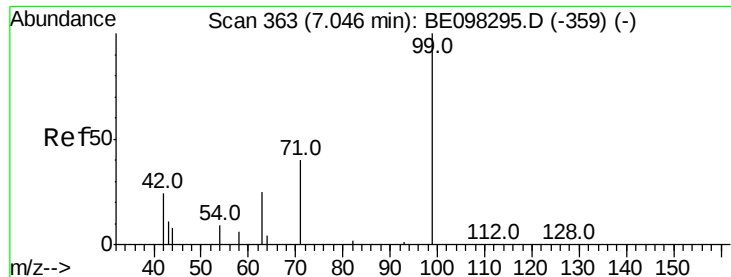


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.359 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098602.D

Acq: 2 Jan 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB116071BL

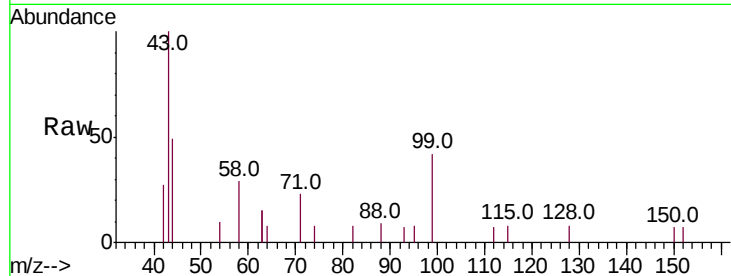
Tot Ion: 99 Resp: 978

Ion Ratio Lower Upper

99 100

42 30.8 26.3 39.5

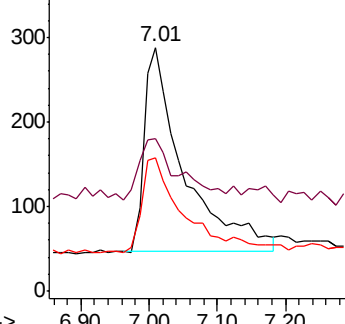
71 50.0 33.6 50.4



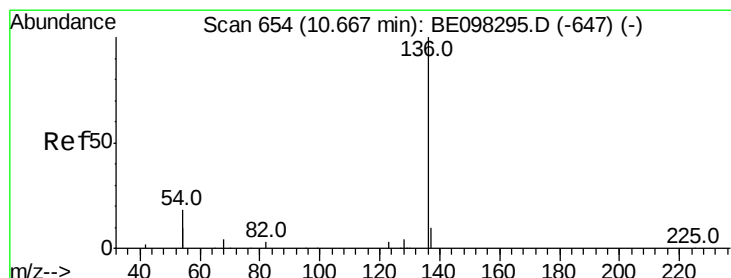
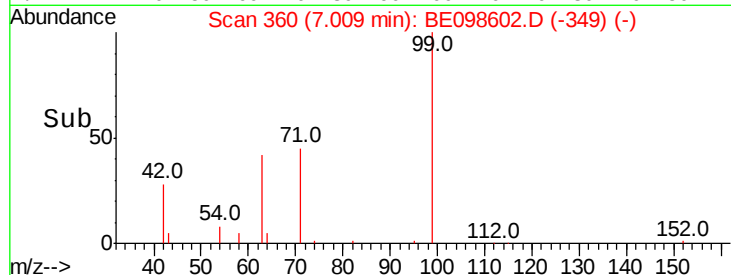
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE098602.D

Acq: 2 Jan 2019 10:59

Tgt Ion:136 Resp: 3238

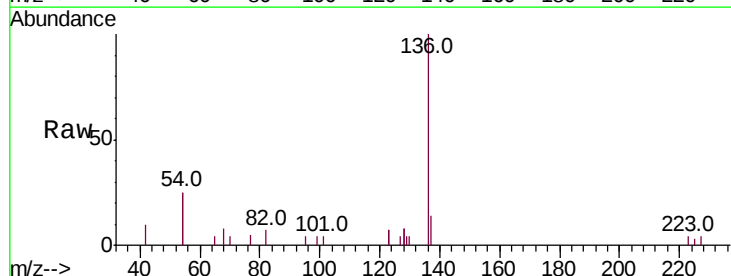
Ion Ratio Lower Upper

136 100

137 13.8 9.2 13.8#

54 50.0 28.4 42.6#

68 7.7 5.4 8.0

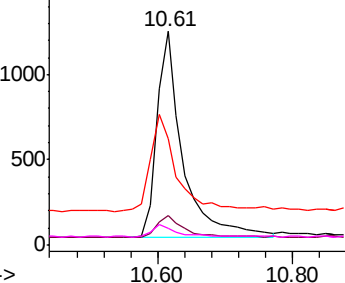


Abundance Ion 136.00 (135.70 to 136.70): E

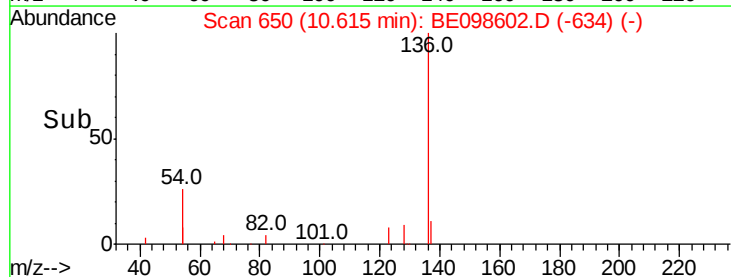
Ion 137.00 (136.70 to 137.70): E

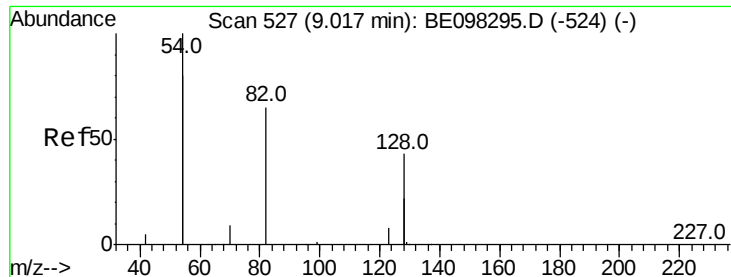
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.304 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098602.D

Acq: 2 Jan 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB116071BL

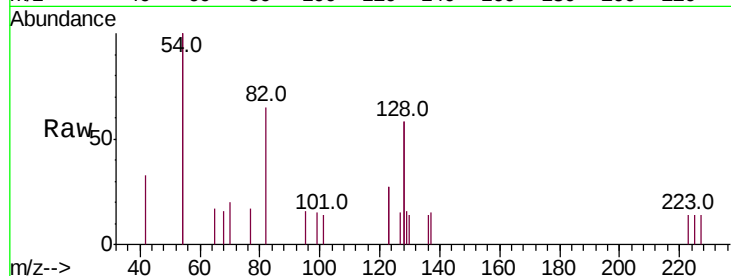
Tot Ion: 82 Resp: 896

Ion Ratio Lower Upper

82 100

128 178.5 102.4 153.6#

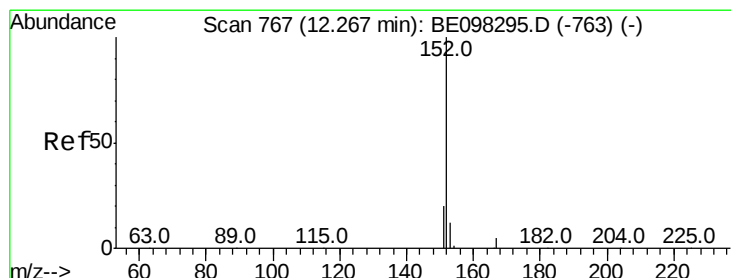
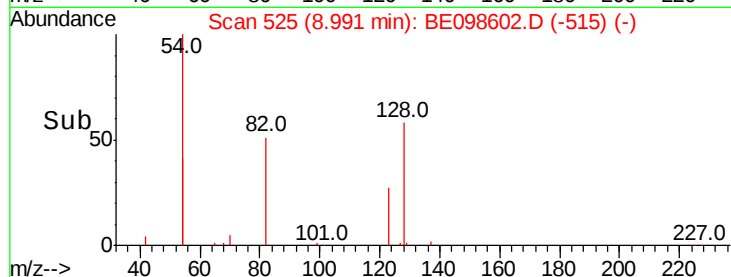
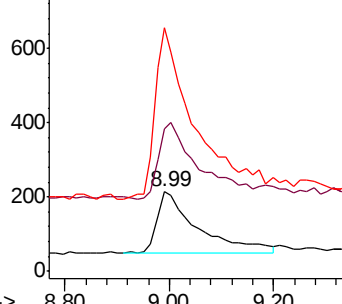
54 306.5 221.8 332.8



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: 0.340 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE098602.D

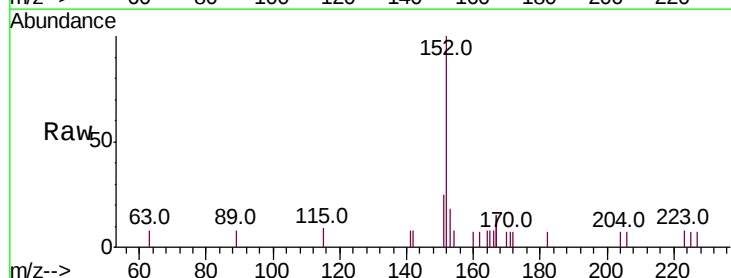
Acq: 2 Jan 2019 10:59

Tgt Ion: 152 Resp: 1791

Ion Ratio Lower Upper

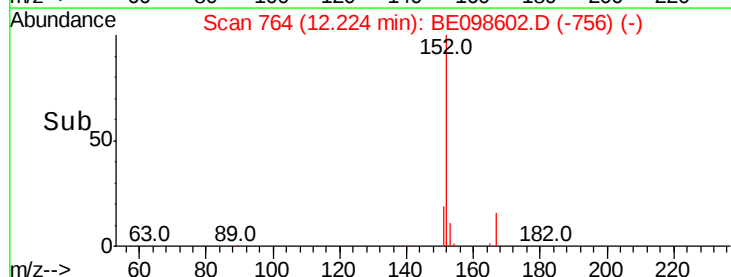
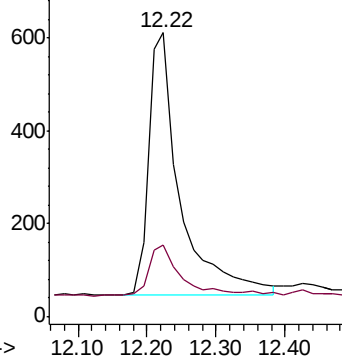
152 100

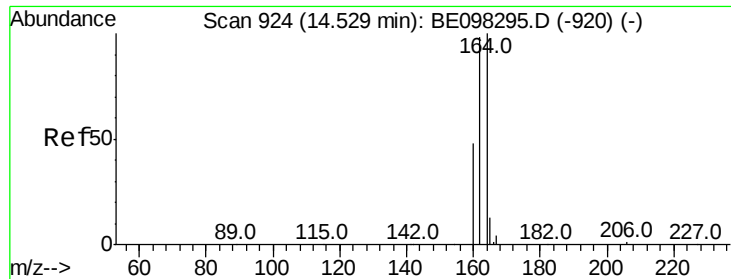
151 19.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

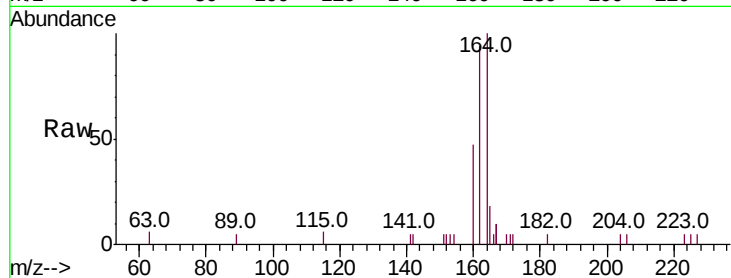




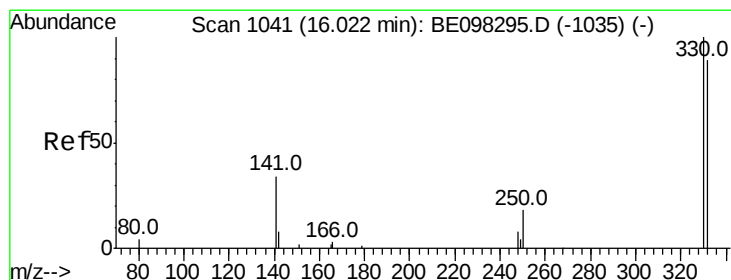
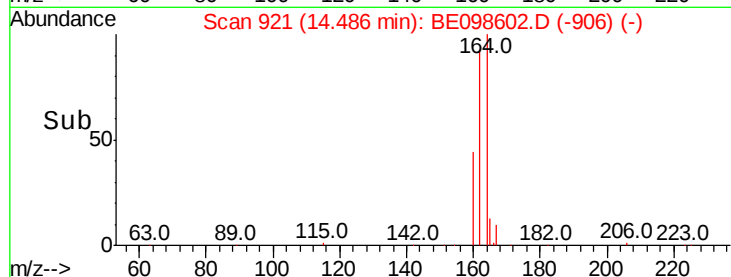
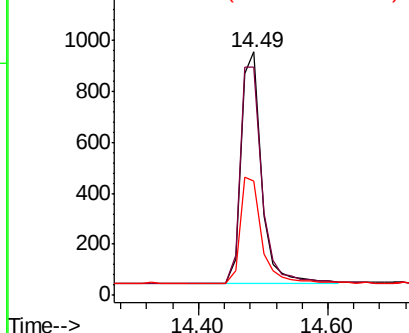
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.02 min
 Lab File: BE098602.D
 Acq: 2 Jan 2019 10:59

Instrument :
 BNA_E
 ClientSampleId :
 PB116071BL

Tot Ion:164 Resp: 2011
 Ion Ratio Lower Upper
 164 100
 162 93.8 77.6 116.4
 160 47.0 36.0 54.0

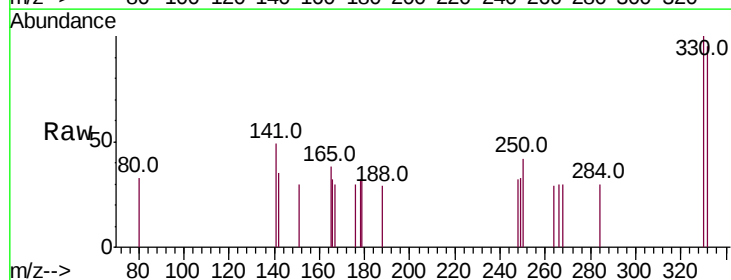


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

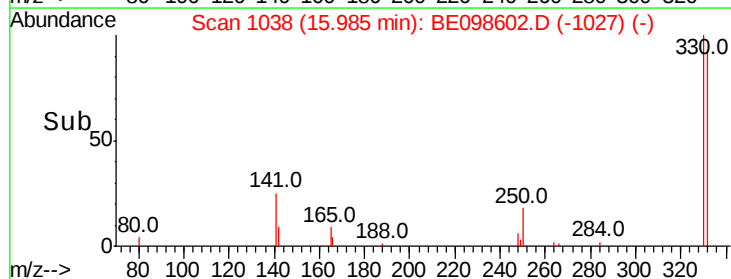
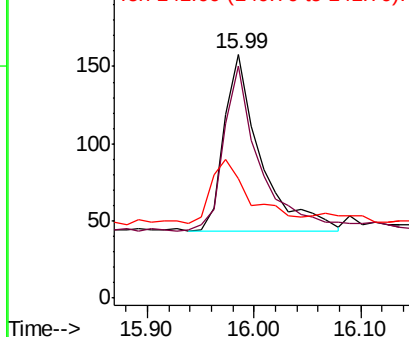


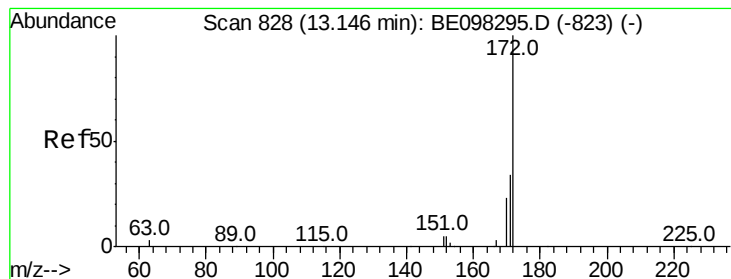
#14
 2,4,6-Tribromophenol
 Concen: 0.370 ng
 RT: 15.99 min Scan# 1038
 Delta R.T. 0.02 min
 Lab File: BE098602.D
 Acq: 2 Jan 2019 10:59

Tgt Ion:330 Resp: 273
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.2 114.4
 141 39.2 39.0 58.4



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

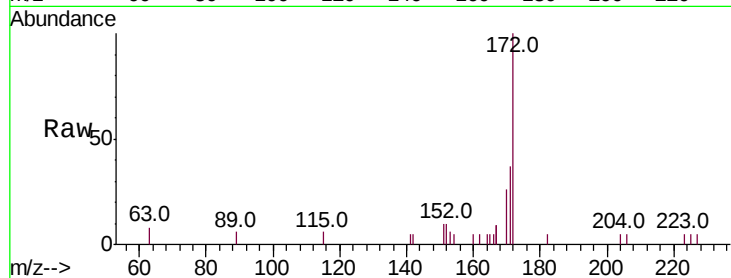




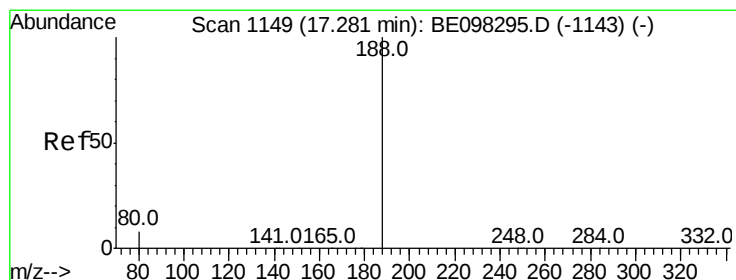
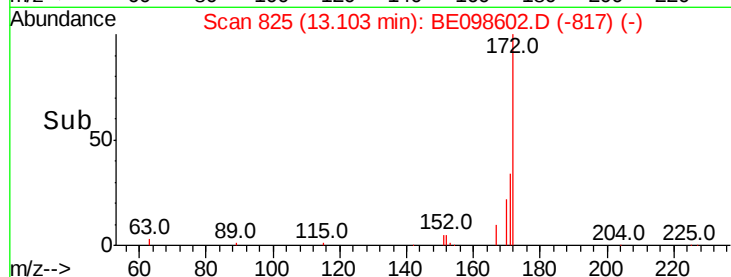
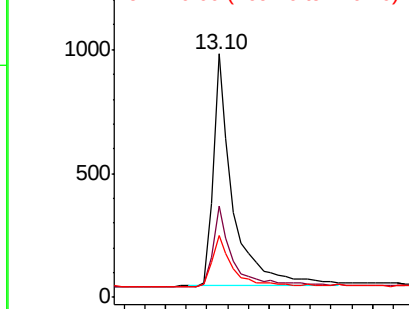
#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.02 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Instrument :
BNA_E
ClientSampleId :
PB116071BL

Tot Ion:172 Resp: 2523
Ion Ratio Lower Upper
172 100
171 37.4 27.5 41.3
170 25.5 19.6 29.4

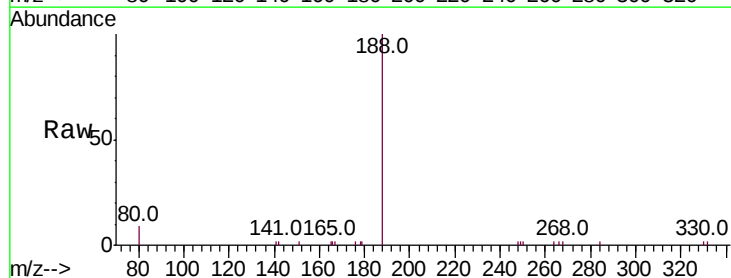


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

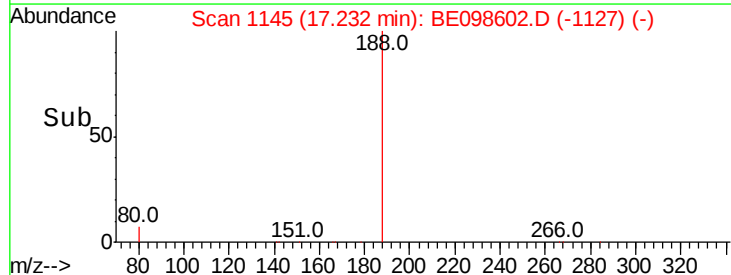
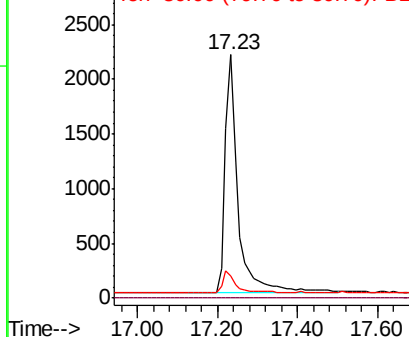


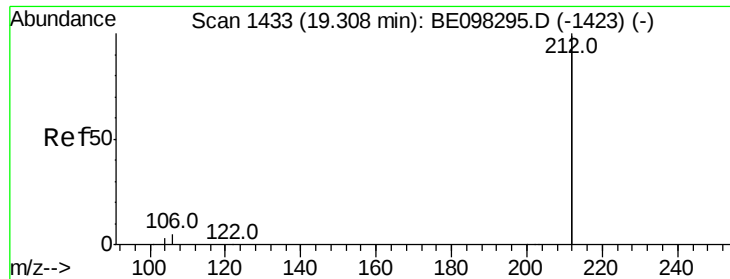
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BE098602.D
Acq: 2 Jan 2019 10:59

Tgt Ion:188 Resp: 4903
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.2 10.8



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: 0.369 ng

RT: 19.26 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BE098602.D

Acq: 2 Jan 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB116071BL

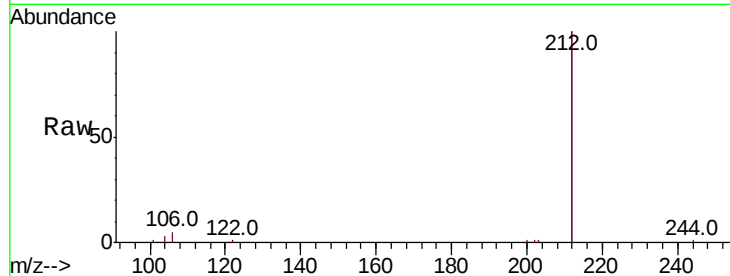
Tot Ion:212 Resp: 23202

Ion Ratio Lower Upper

212 100

106 2.2 2.2 3.2#

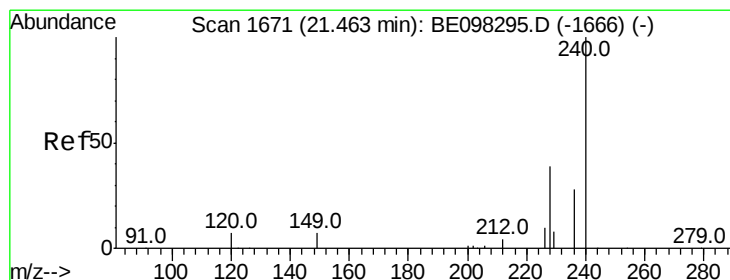
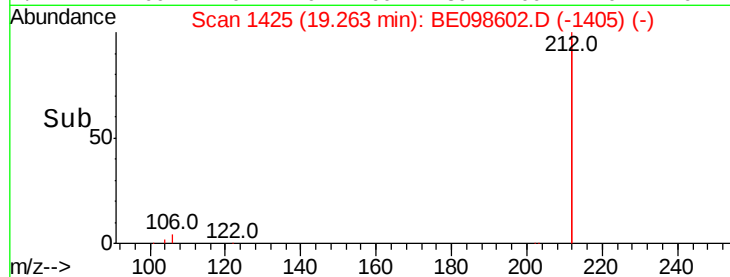
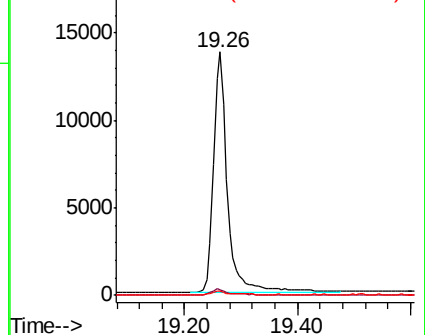
104 1.2 1.3 1.9#



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# 1667

Delta R.T. 0.01 min

Lab File: BE098602.D

Acq: 2 Jan 2019 10:59

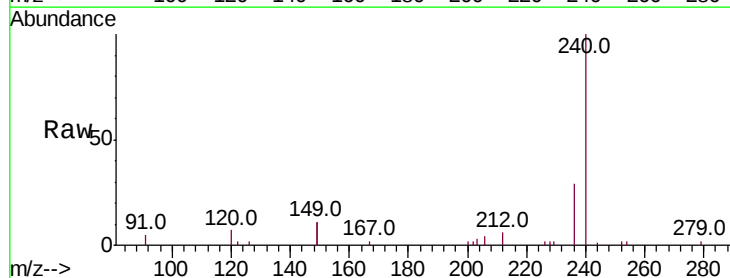
Tgt Ion:240 Resp: 6198

Ion Ratio Lower Upper

240 100

120 7.0 9.5 14.3#

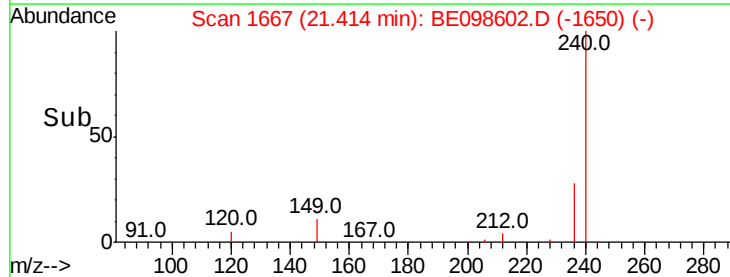
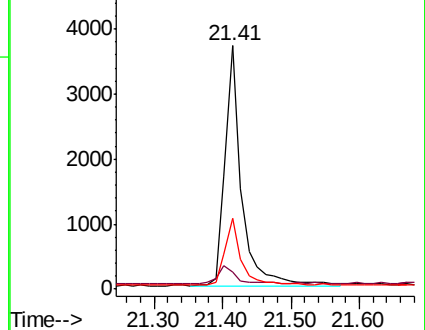
236 29.2 22.7 34.1

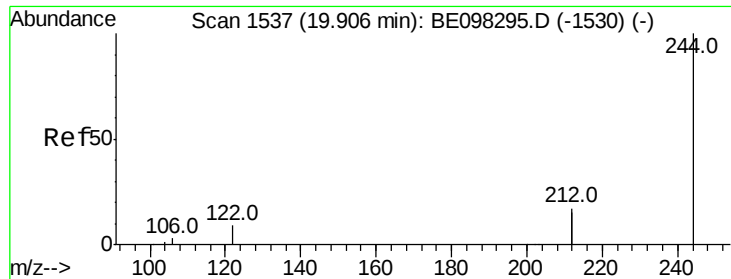


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.325 ng

RT: 19.86 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BE098602.D

Acq: 2 Jan 2019 10:59

Instrument :

BNA_E

ClientSampleId :

PB116071BL

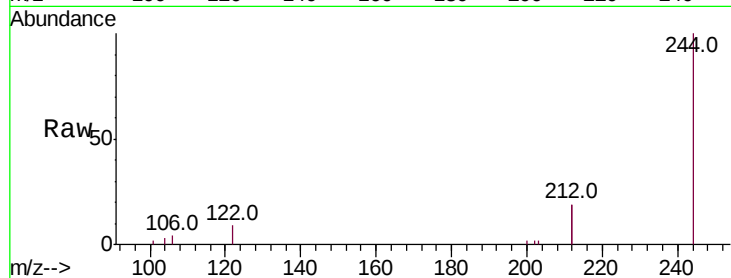
Tot Ion:244 Resp: 4902

Ion Ratio Lower Upper

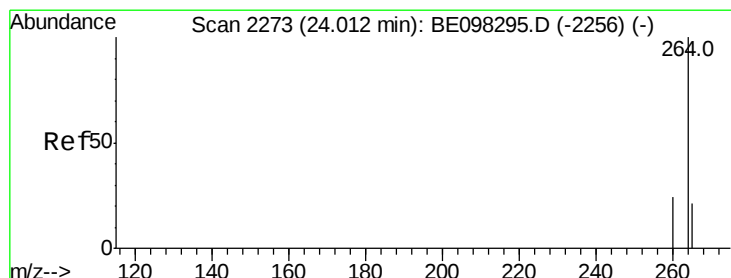
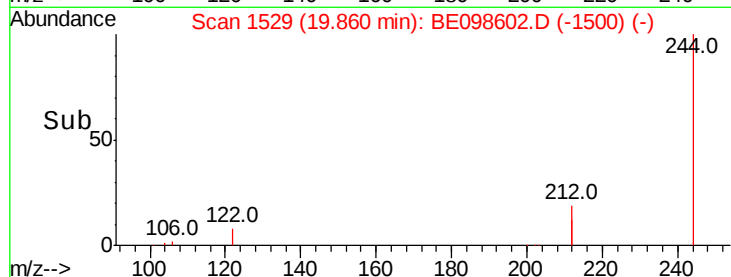
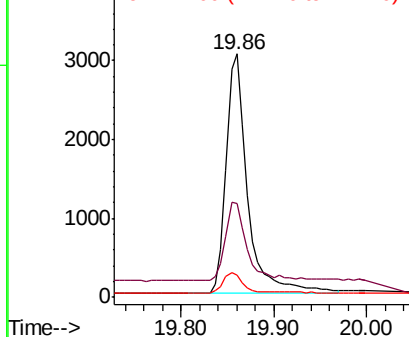
244 100

212 38.3 27.4 41.0

122 9.0 8.3 12.5



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: 23.92 min Scan# 2248

Delta R.T. -0.03 min

Lab File: BE098602.D

Acq: 2 Jan 2019 10:59

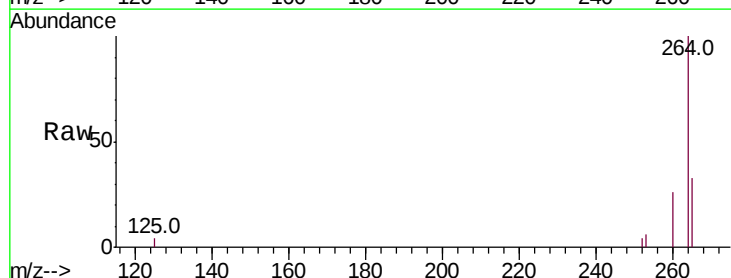
Tgt Ion:264 Resp: 6288

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.2

265 32.6 25.2 37.8



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

