

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011819\
 Data File : BE098669.D
 Acq On : 18 Jan 2019 17:42
 Operator : SJ/JU
 Sample : PB116504BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB116504BL

Quant Time: Jan 18 21:25:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 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	3289	0.40	ng	0.01
13) Acenaphthene-d10	14.48	164	2054	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	4775	0.40	ng	0.00
27) Chrysene-d12	21.42	240	6470	0.40	ng	0.00
34) Perylene-d12	23.93	264	6596	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	859	0.39	ng	0.01
5) Phenol-d6	7.01	99	1007	0.32	ng	0.01
8) Nitrobenzene-d5	9.00	82	735	0.28	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1981	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	271	0.30	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2471	0.29	ng	0.01
25) Fluoranthene-d10	19.26	212	23481	0.40	ng	0.00
29) Terphenyl-d14	19.86	244	4214	0.29	ng	0.00

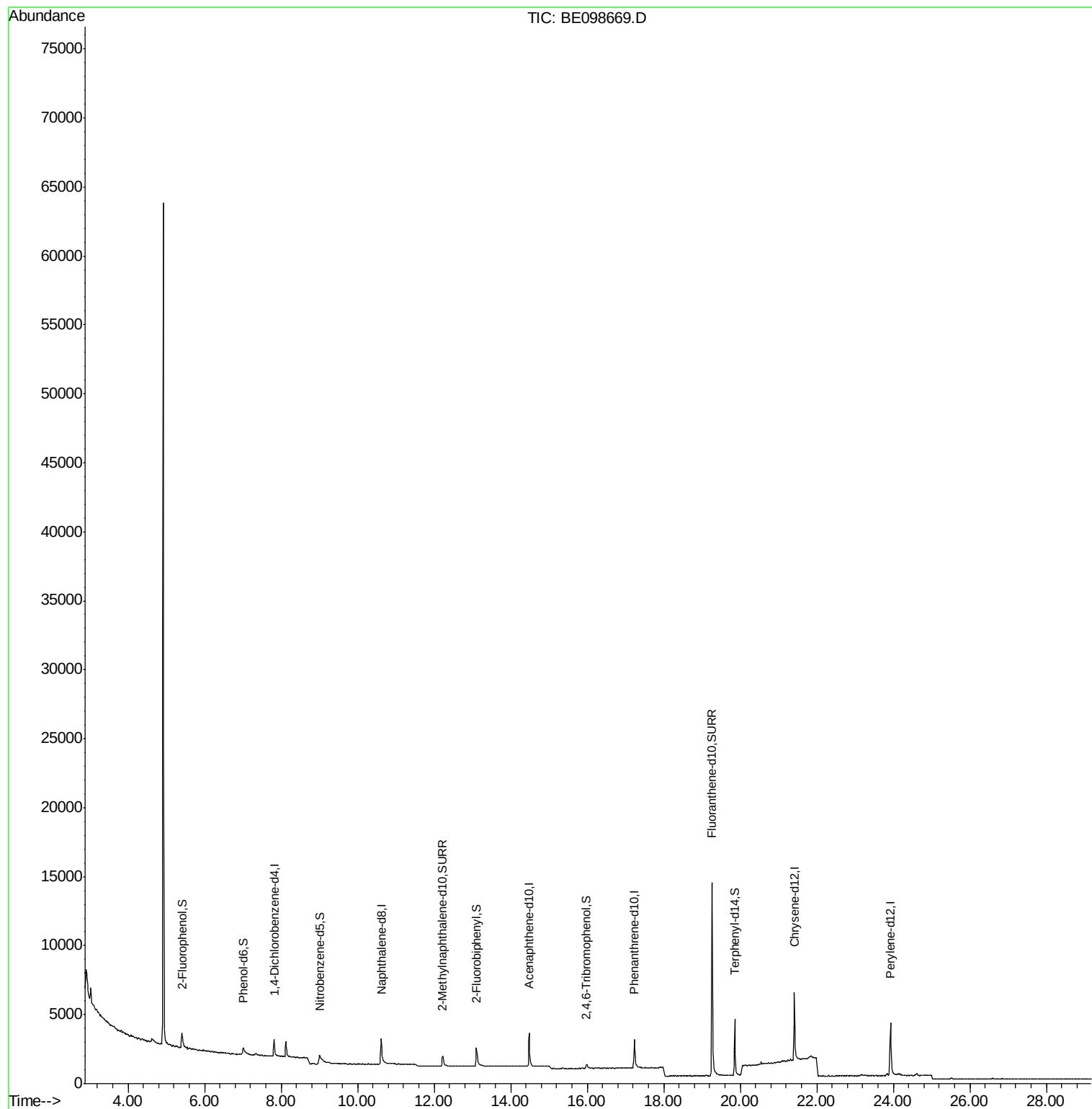
Target Compounds	Qvalue
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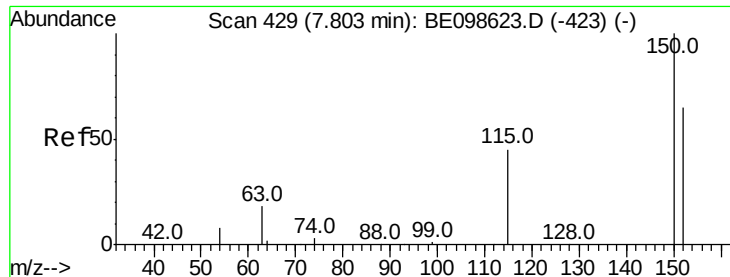
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.01 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

Instrument :

BNA_E

ClientSampleId :

PB116504BL

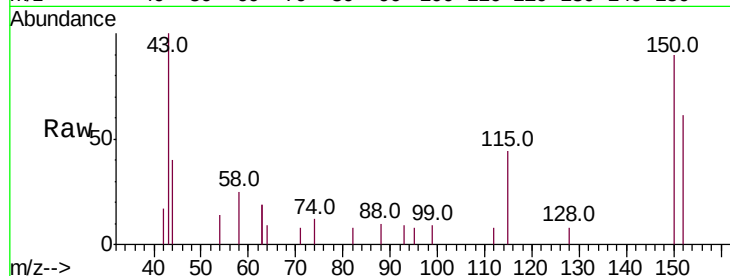
Tot Ion:152 Resp: 822

Ion Ratio Lower Upper

152 100

150 147.8 121.4 182.2

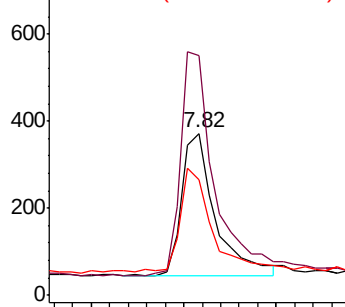
115 71.5 59.1 88.7



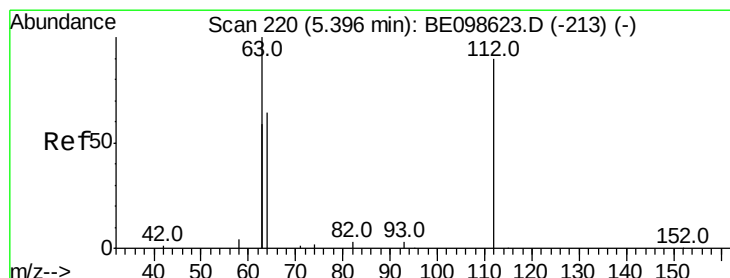
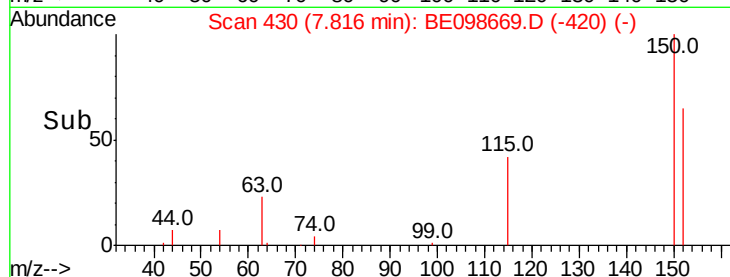
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#4

2-Fluorophenol

Concen: 0.392 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.01 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

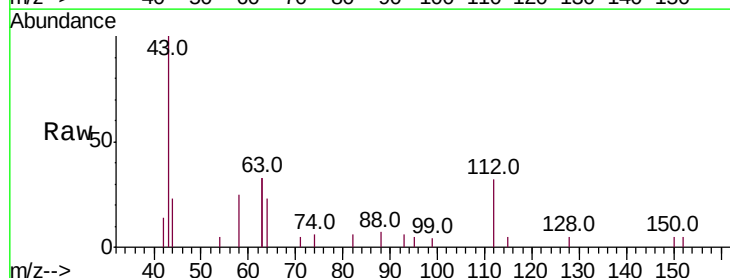
Tgt Ion:112 Resp: 859

Ion Ratio Lower Upper

112 100

64 70.4 62.9 94.3

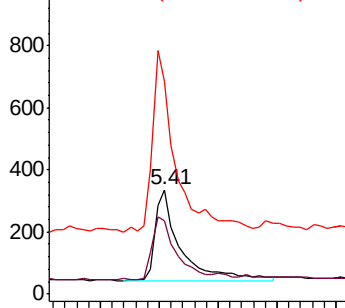
63 188.6 152.2 228.4



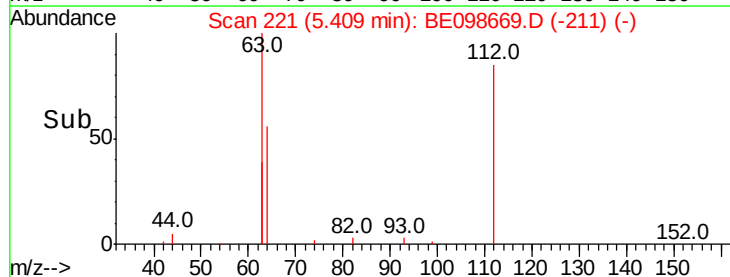
Abundance Ion 112.00 (111.70 to 112.70): E

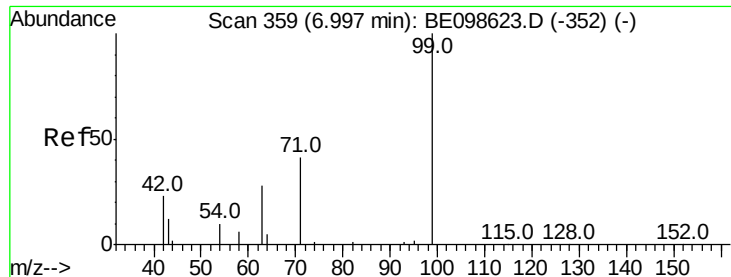
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.323 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.01 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

Instrument :

BNA_E

ClientSampleId :

PB116504BL

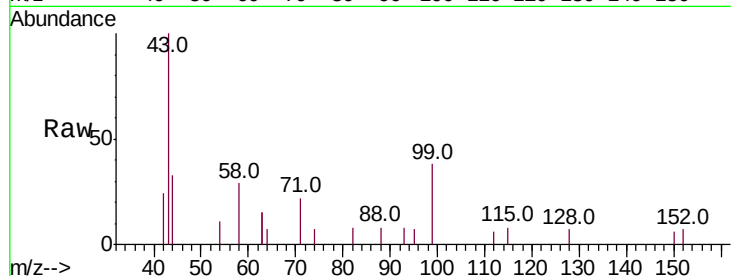
Tot Ion: 99 Resp: 1007

Ion Ratio Lower Upper

99 100

42 18.3 24.6 37.0#

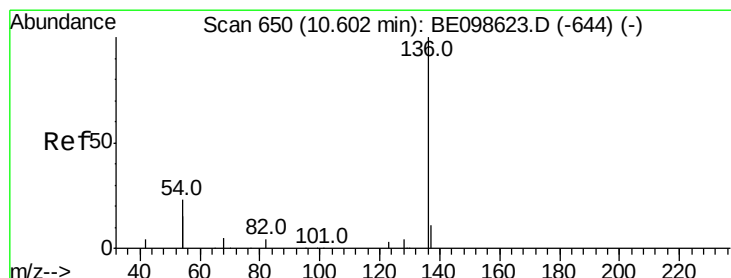
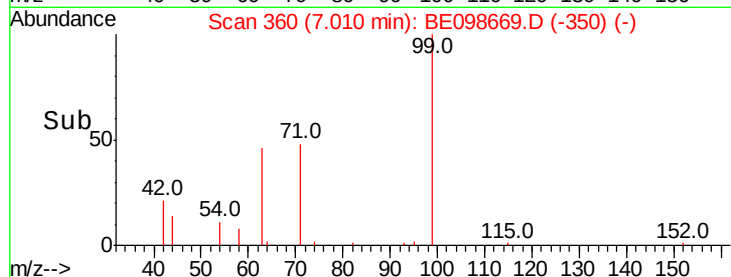
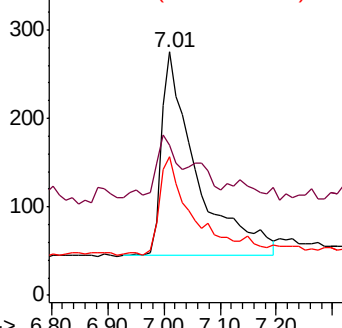
71 45.9 35.1 52.7



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: BE098669.D

Acq: 18 Jan 2019 17:42

Tgt Ion: 136 Resp: 3289

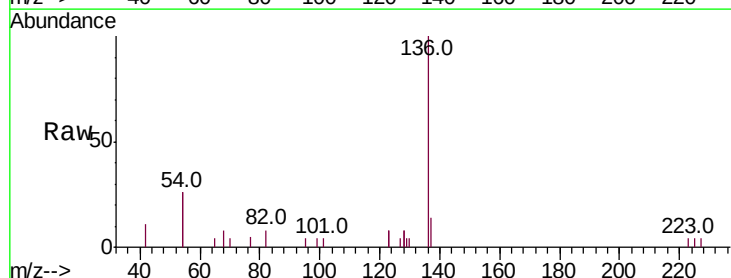
Ion Ratio Lower Upper

136 100

137 14.0 9.7 14.5

54 53.0 35.5 53.3

68 8.4 5.0 7.6#

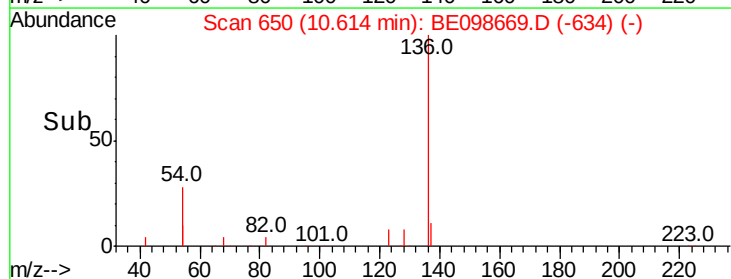
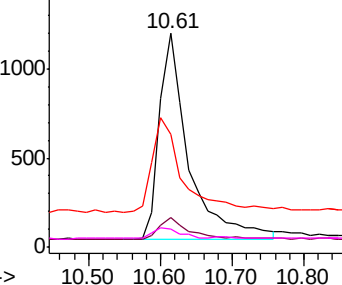


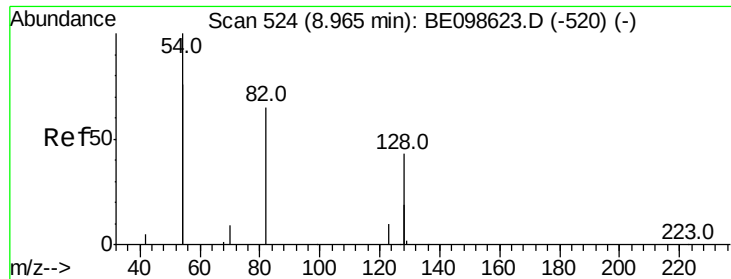
Abundance Ion 136.00 (135.70 to 136.70): E

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

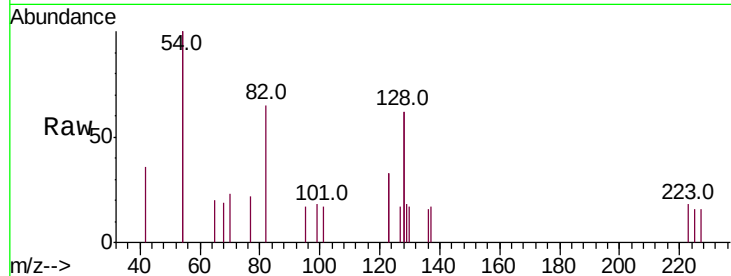




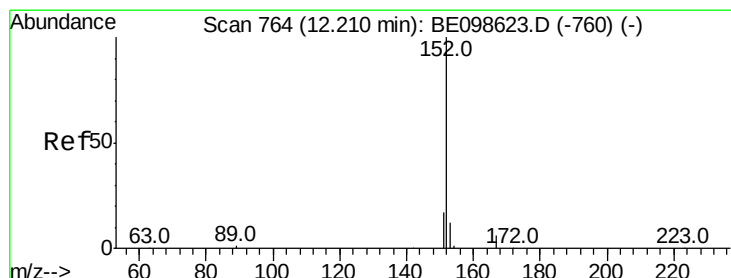
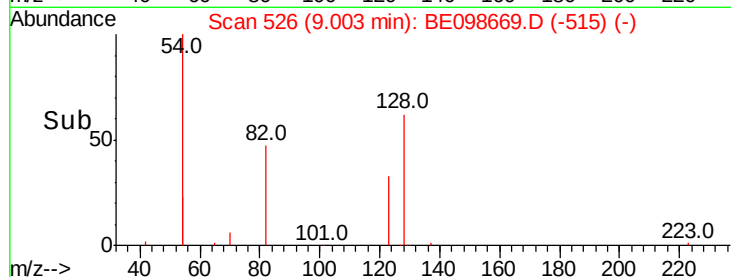
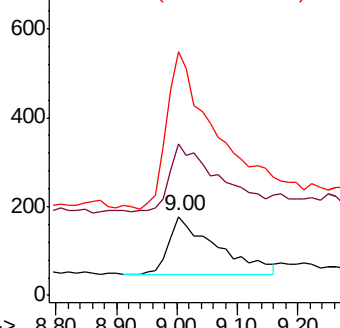
#8
 Nitrobenzene-d5
 Concen: 0.282 ng
 RT: 9.00 min Scan# 526
 Delta R.T. 0.04 min
 Lab File: BE098669.D
 Acq: 18 Jan 2019 17:42

Instrument :
 BNA_E
 ClientSampleId :
 PB116504BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	192.1	96.5	144.7#
54	307.9	224.7	337.1

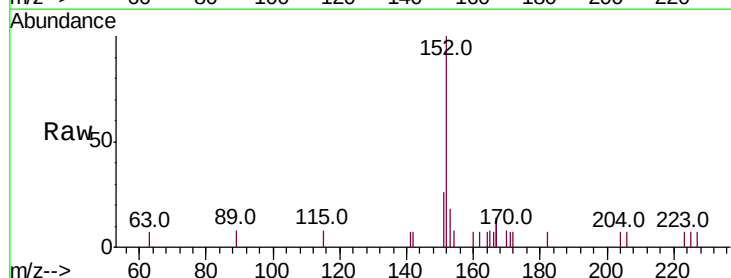


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

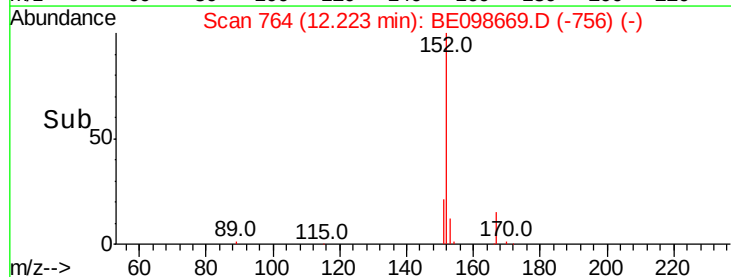
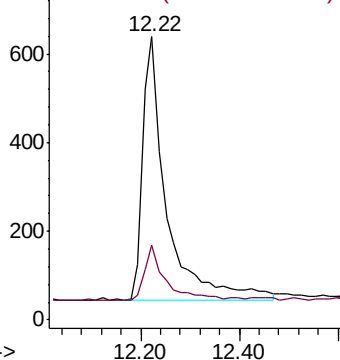


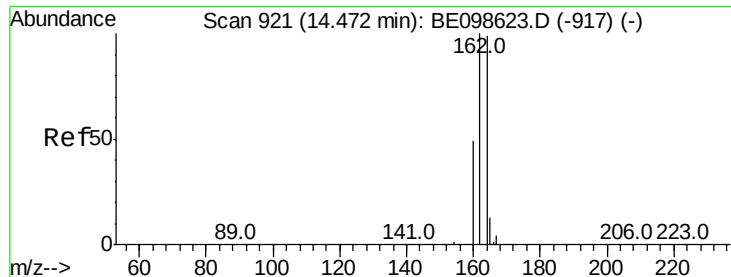
#11
 2-Methylnaphthalene-d10
 Concen: 0.366 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BE098669.D
 Acq: 18 Jan 2019 17:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.2	24.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

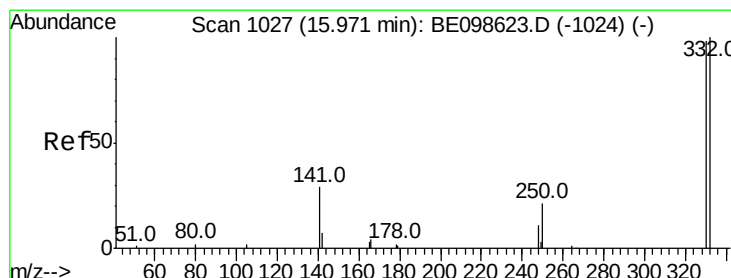
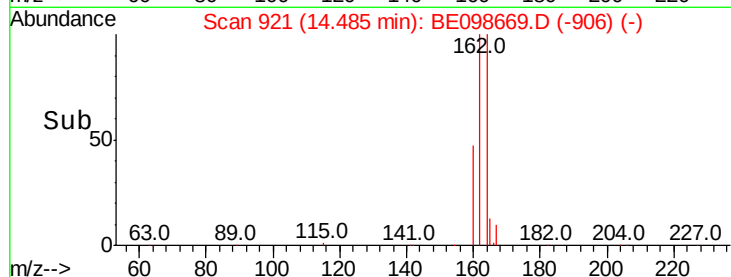
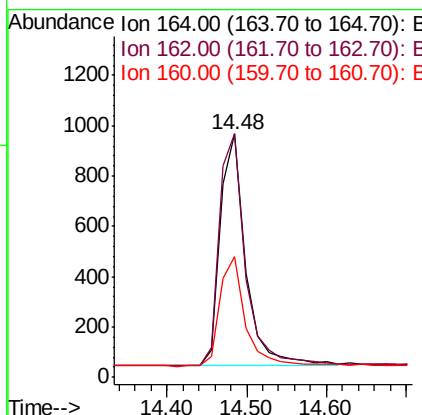
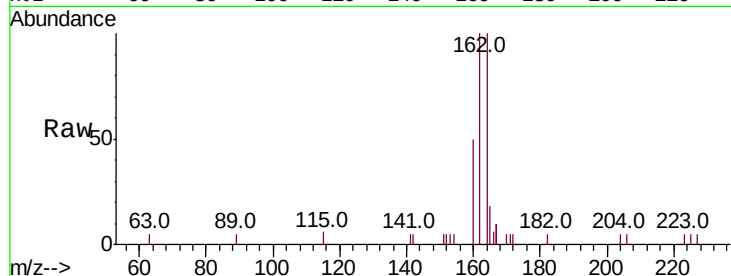




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

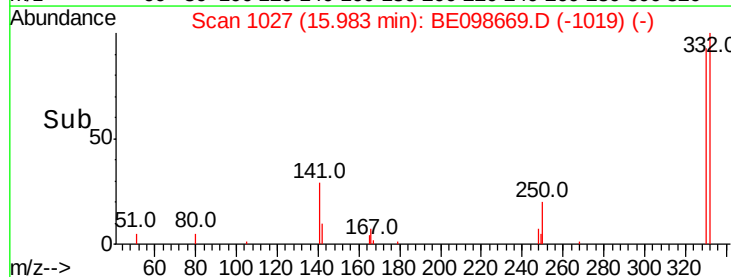
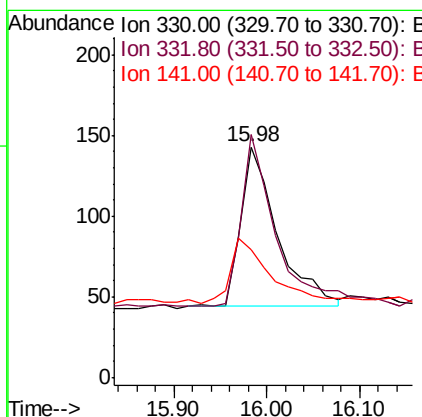
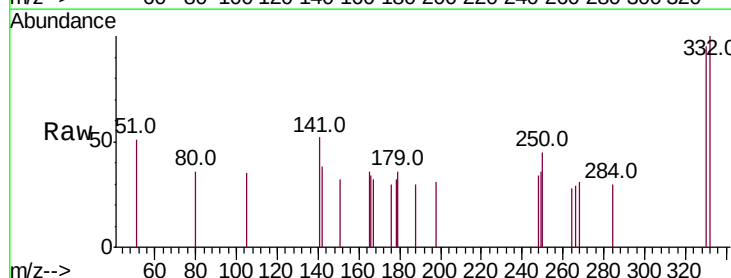
Instrument :
BNA_E
ClientSampleId :
PB116504BL

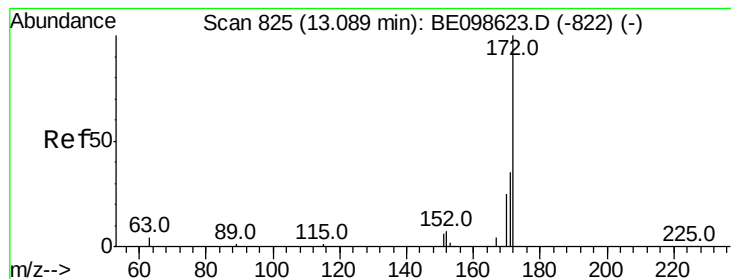
Tot Ion:164 Resp: 2054
Ion Ratio Lower Upper
164 100
162 99.8 80.5 120.7
160 49.7 40.1 60.1



#14
2,4,6-Tribromophenol
Concen: 0.303 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098669.D
Acq: 18 Jan 2019 17:42

Tgt Ion:330 Resp: 271
Ion Ratio Lower Upper
330 100
332 106.3 73.3 109.9
141 45.4 33.1 49.7

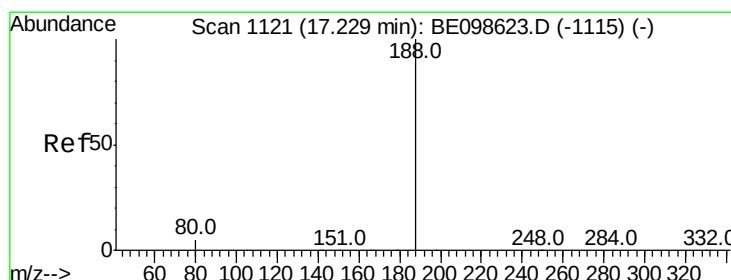
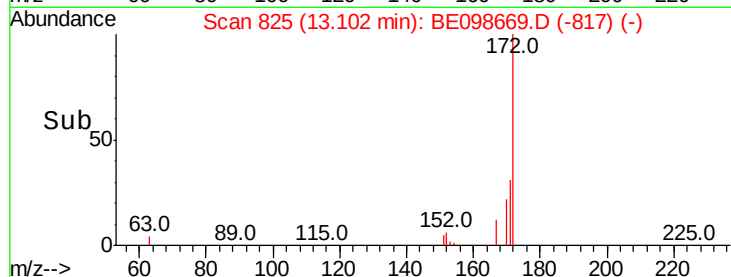
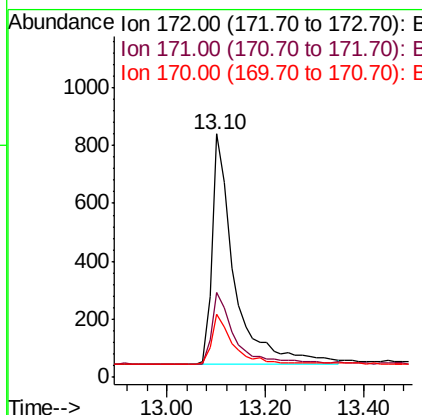
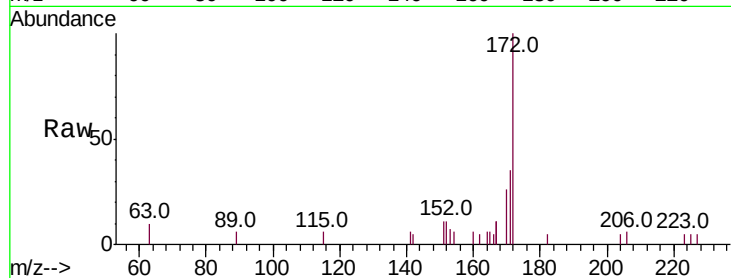




#15
 2-Fluorobiphenyl
 Concen: 0.294 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098669.D
 Acq: 18 Jan 2019 17:42

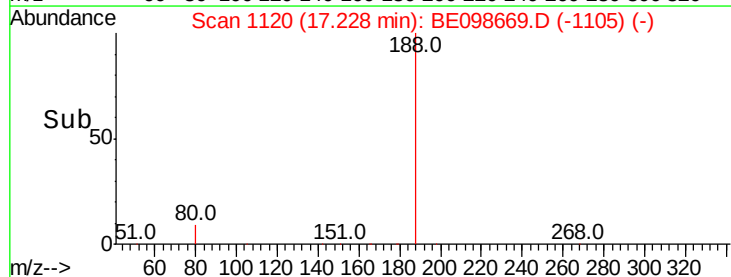
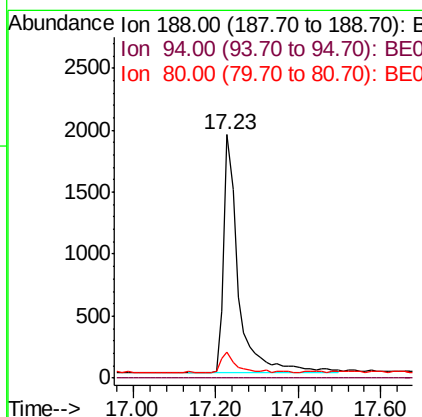
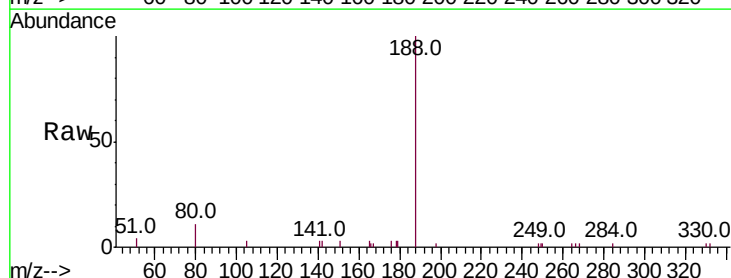
Instrument :
 BNA_E
 ClientSampleId :
 PB116504BL

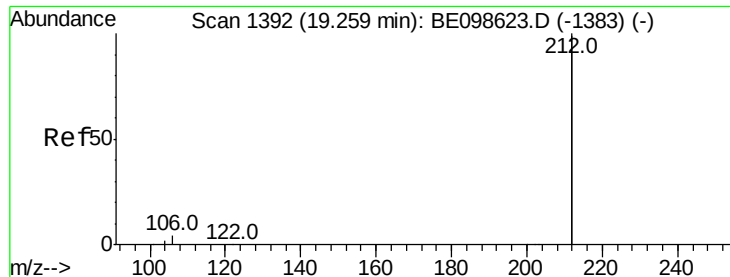
Tot Ion:172 Resp: 2471
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.0 43.4
 170 26.0 20.8 31.2



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE098669.D
 Acq: 18 Jan 2019 17:42

Tgt Ion:188 Resp: 4775
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.8 4.7 7.1#





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

Instrument :

BNA_E

ClientSampleId :

PB116504BL

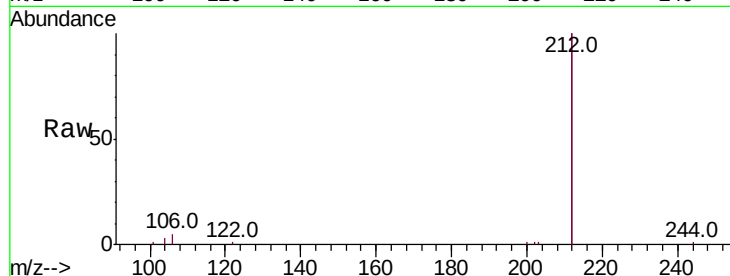
Tot Ion:212 Resp: 23481

Ion Ratio Lower Upper

212 100

106 1.8 1.7 2.5

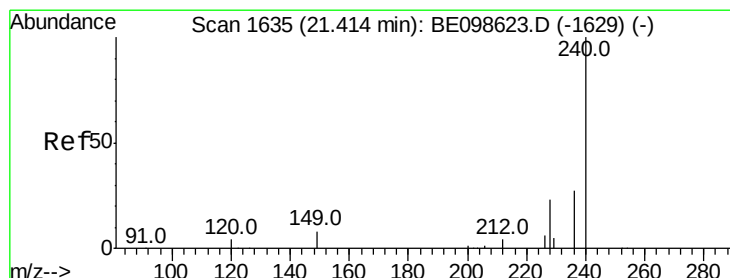
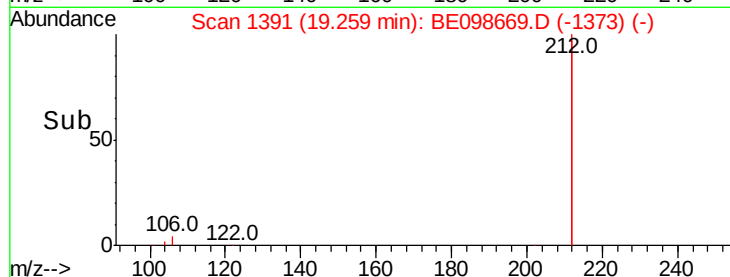
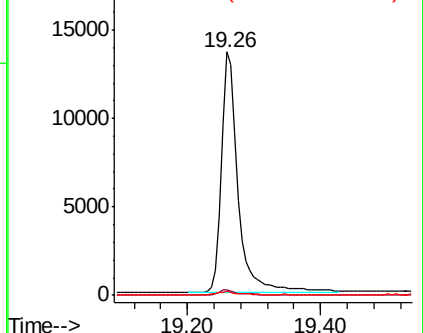
104 1.1 1.0 1.6



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: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

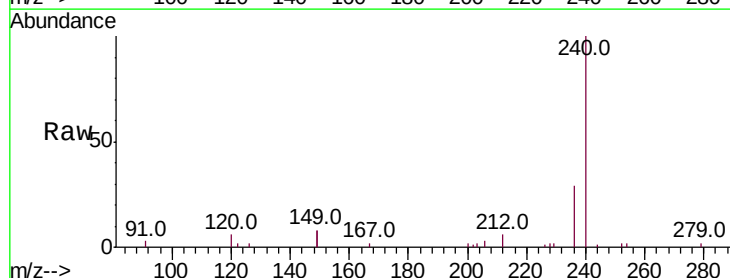
Tgt Ion:240 Resp: 6470

Ion Ratio Lower Upper

240 100

120 5.8 4.7 7.1

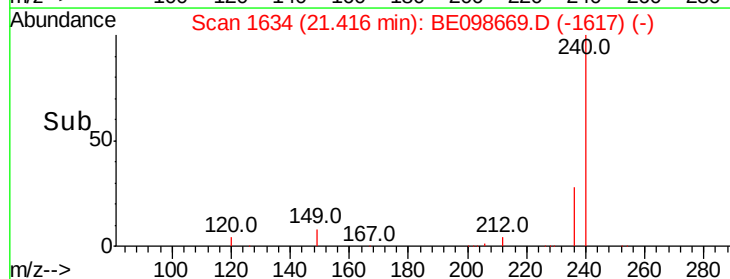
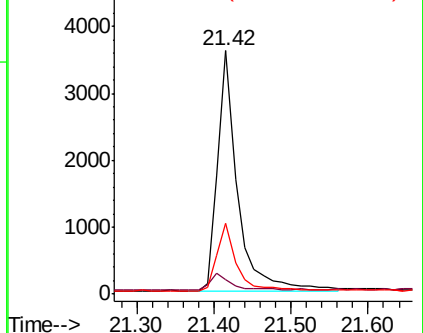
236 29.0 21.9 32.9

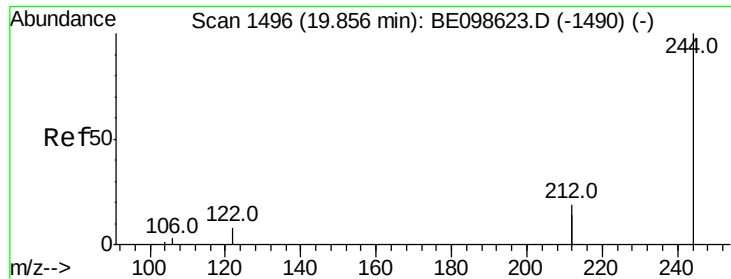


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.294 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

Instrument :

BNA_E

ClientSampleId :

PB116504BL

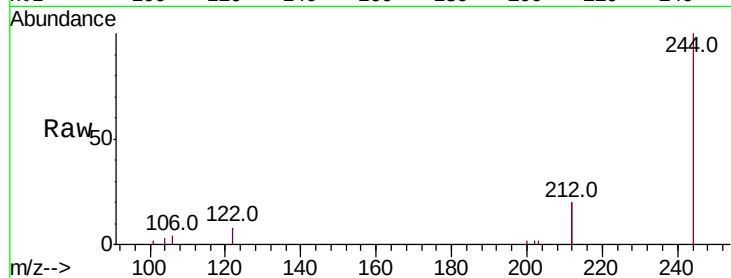
Tot Ion:244 Resp: 4214

Ion Ratio Lower Upper

244 100

212 40.2 29.4 44.2

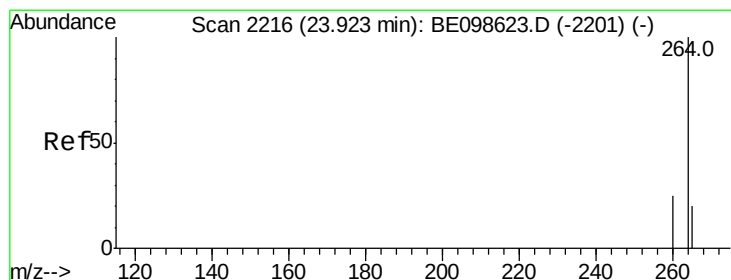
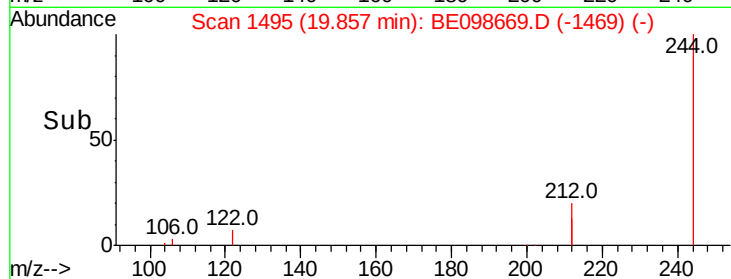
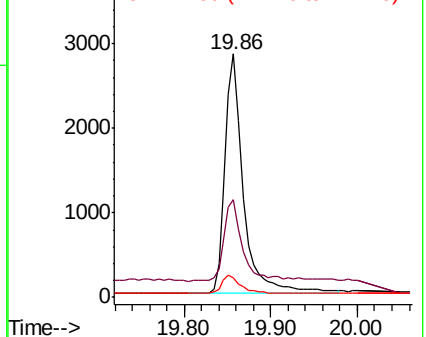
122 8.3 7.1 10.7



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: 23.93 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BE098669.D

Acq: 18 Jan 2019 17:42

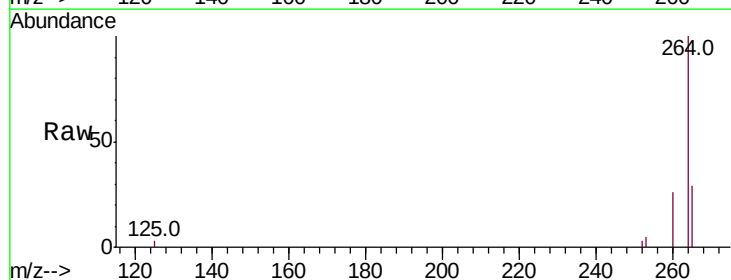
Tgt Ion:264 Resp: 6596

Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

265 28.5 22.3 33.5



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

