

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052019\
 Data File : BE099671.D
 Acq On : 20 May 2019 21:42
 Operator : JU/SJ
 Sample : PB119824BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119824BL

Quant Time: May 21 07:05:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1570	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	4904	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	3273	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	9518	0.40	ng	0.01
27) Chrysene-d12	21.43	240	14077	0.40	ng	0.01
34) Perylene-d12	23.97	264	17368	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1391	0.35	ng	0.01
5) Phenol-d6	6.98	99	1741	0.33	ng	0.00
8) Nitrobenzene-d5	8.99	82	1247	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	3263	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.01	330	341	0.27	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	4684	0.38	ng	0.01
25) Fluoranthene-d10	19.27	212	52754	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	11102	0.44	ng	0.00

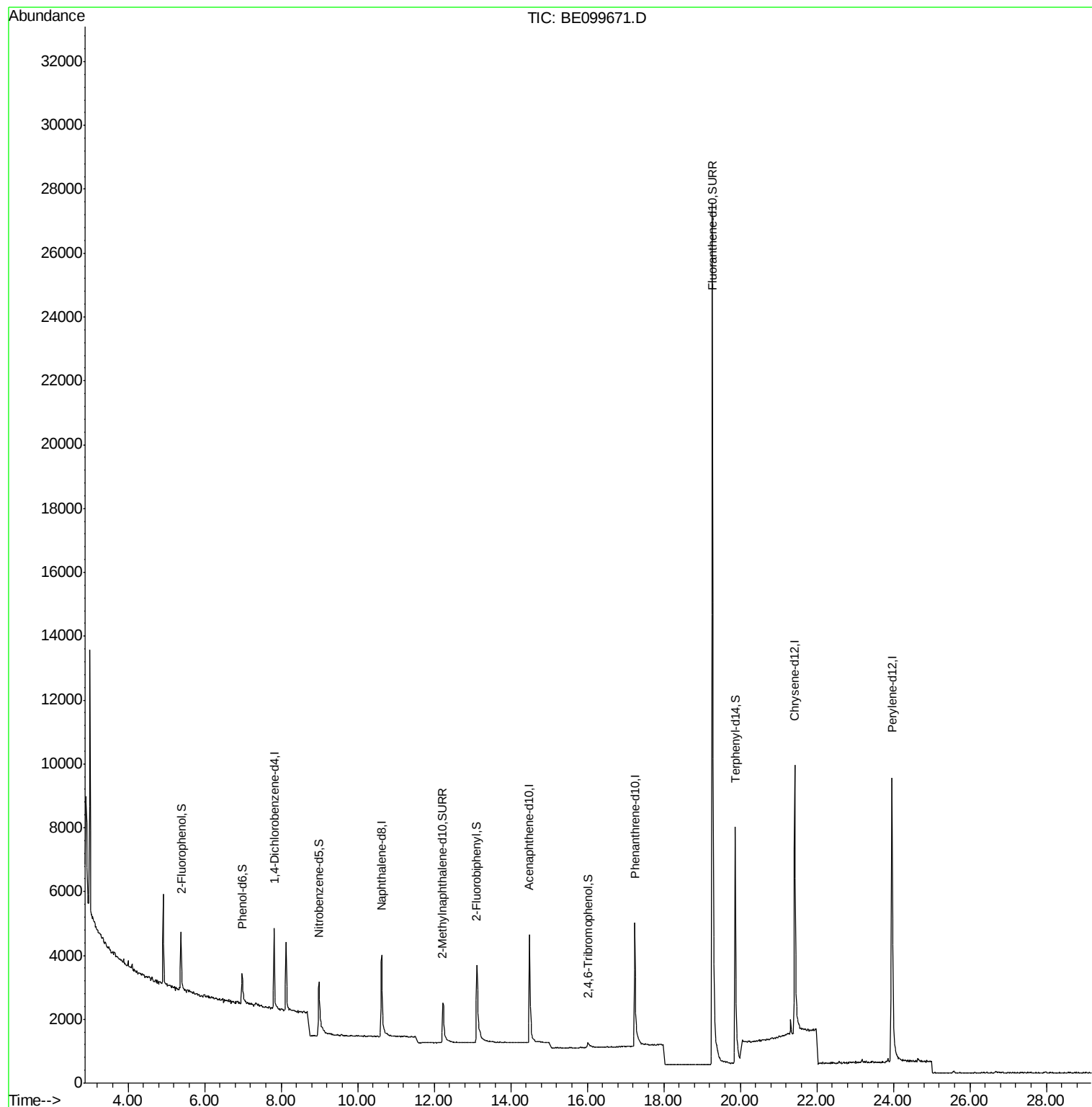
Target Compounds Qvalue

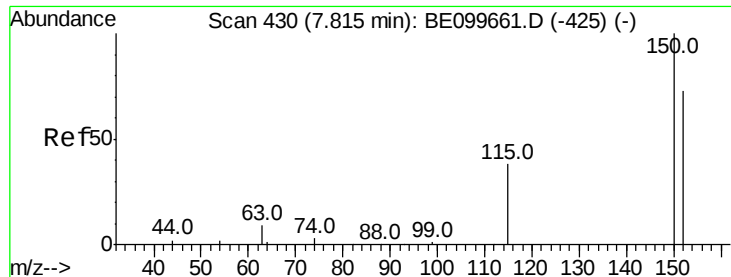
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

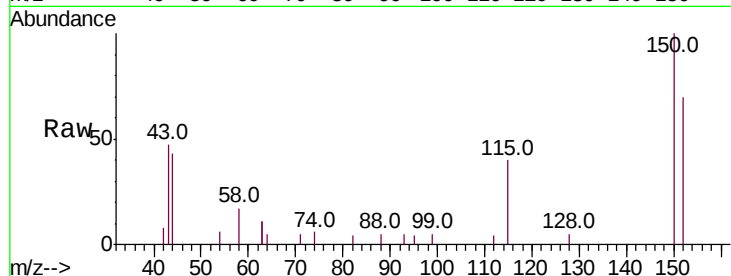
Tot Ion:152 Resp: 1570

Ion Ratio Lower Upper

152 100

150 142.9 109.2 163.8

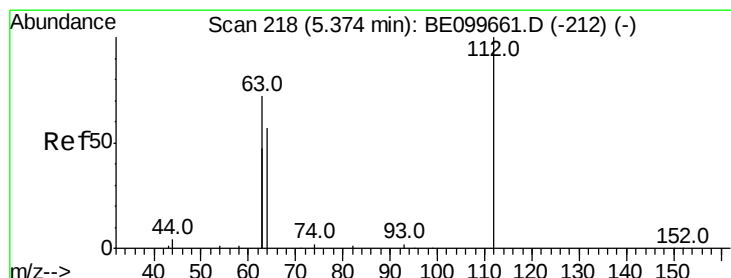
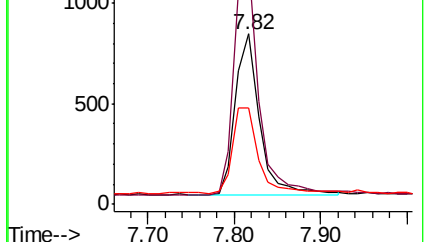
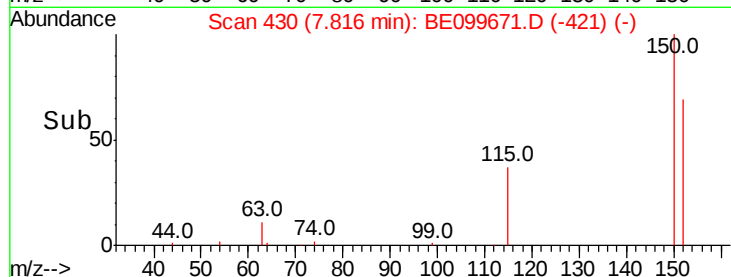
115 56.9 43.7 65.5



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: 0.351 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

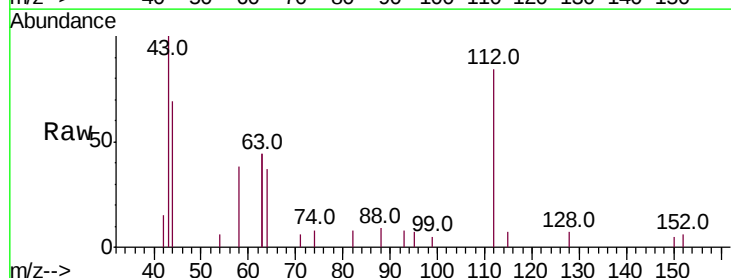
Tgt Ion:112 Resp: 1391

Ion Ratio Lower Upper

112 100

64 55.7 43.4 65.2

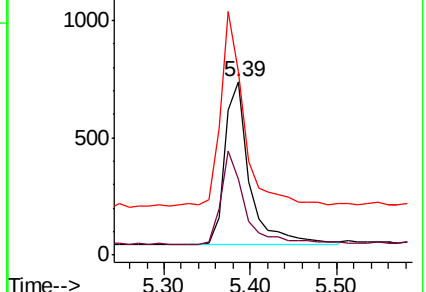
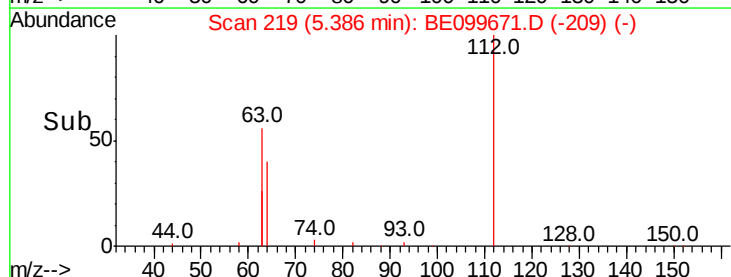
63 111.8 96.9 145.3

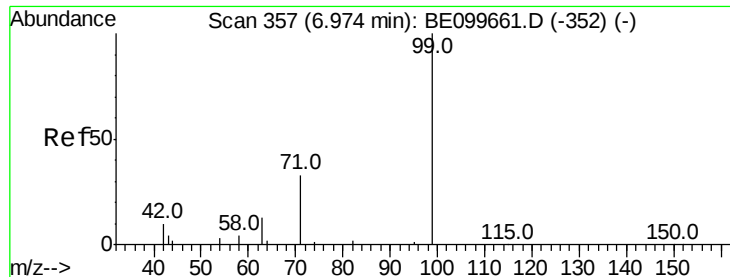


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.332 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099671.D

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Instrument :

BNA_E

ClientSampleId :

PB119824BL

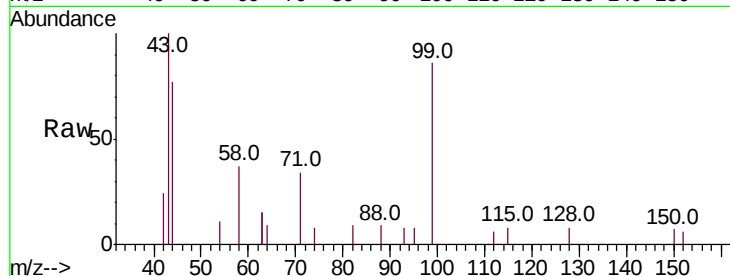
Tot Ion: 99 Resp: 1741

Ion Ratio Lower Upper

99 100

42 10.4 12.2 18.2#

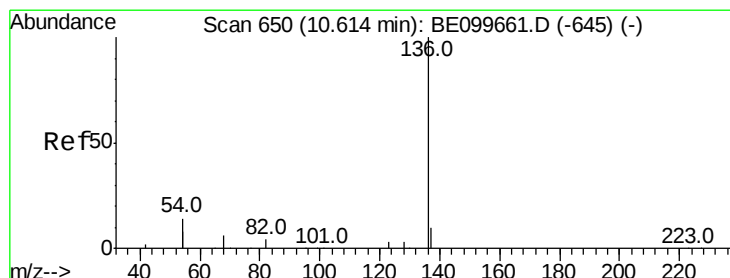
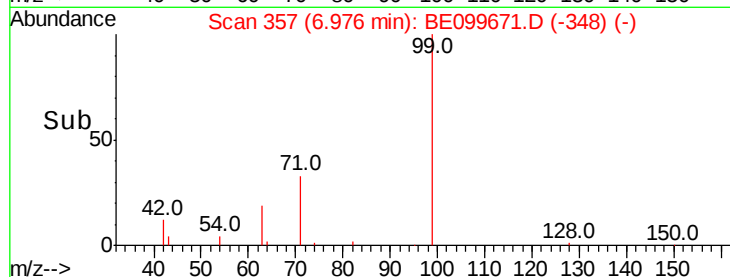
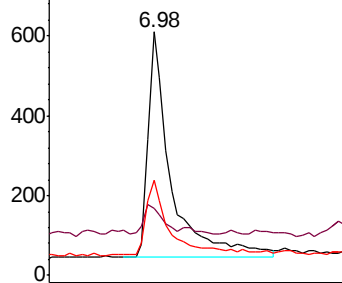
71 33.4 28.9 43.3



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: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Tgt Ion: 136 Resp: 4904

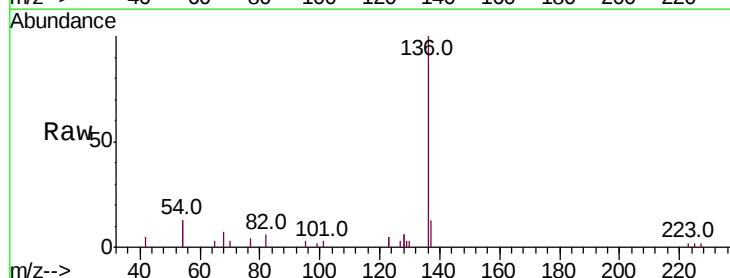
Ion Ratio Lower Upper

136 100

137 13.1 9.0 13.6

54 26.2 22.3 33.5

68 7.0 6.0 9.0

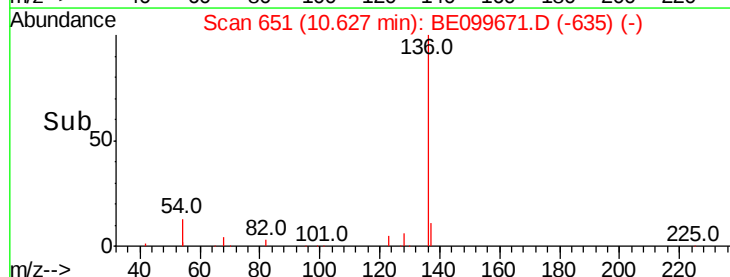
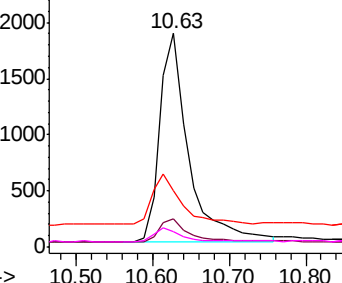


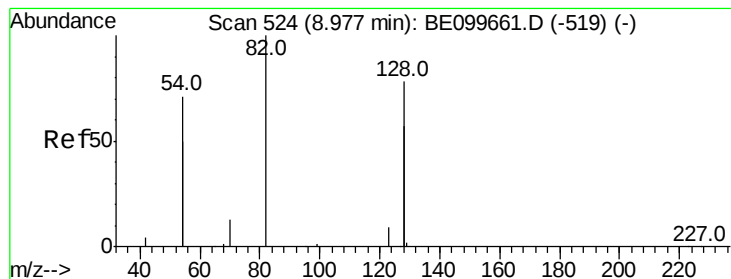
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.294 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

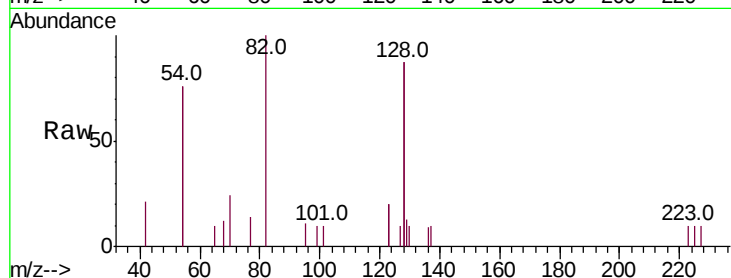
Tot Ion: 82 Resp: 1247

Ion Ratio Lower Upper

82 100

128 174.1 117.7 176.5

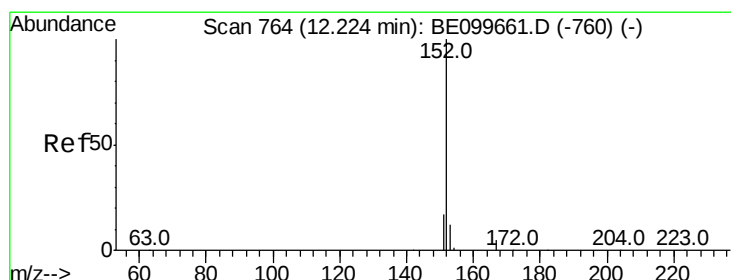
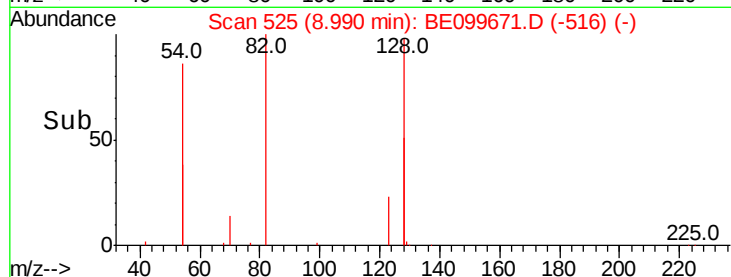
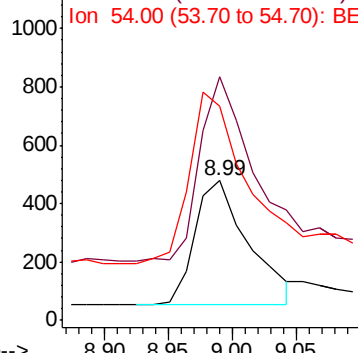
54 152.8 106.6 160.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099671.D

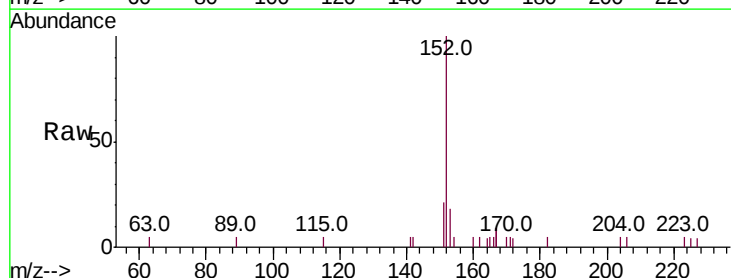
Acq: 20 May 2019 21:42

Tgt Ion: 152 Resp: 3263

Ion Ratio Lower Upper

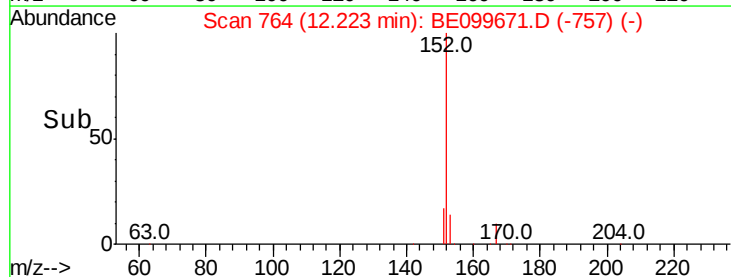
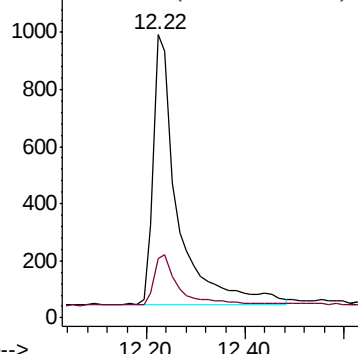
152 100

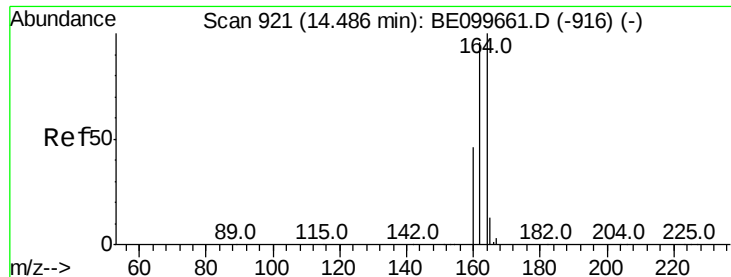
151 18.1 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

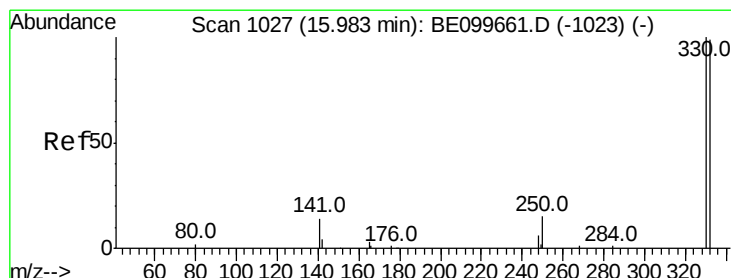
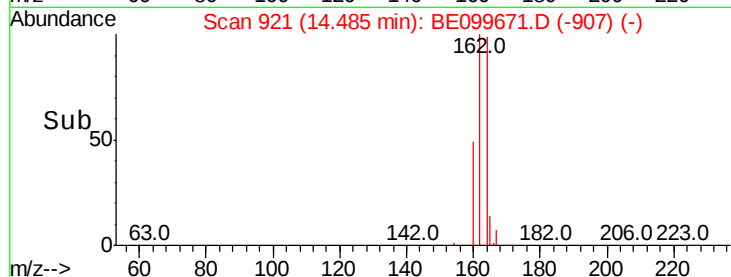
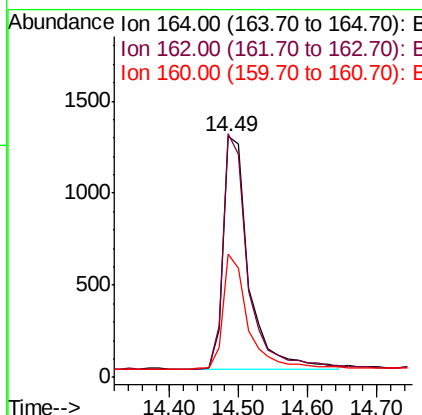
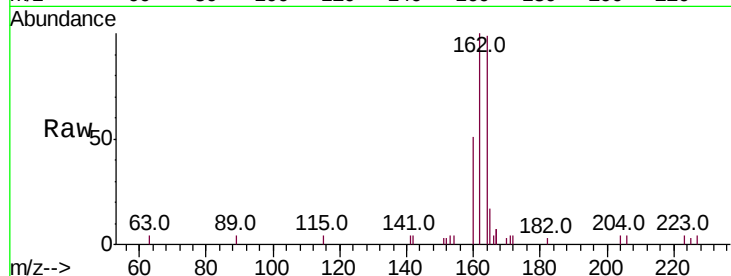




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

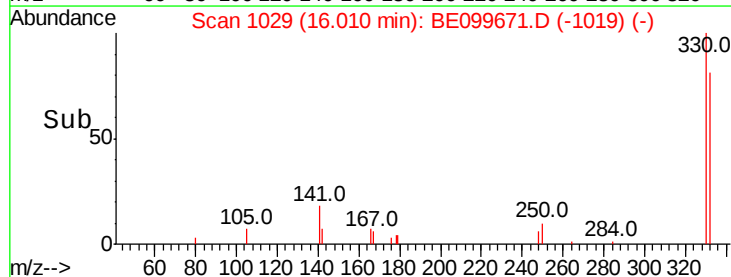
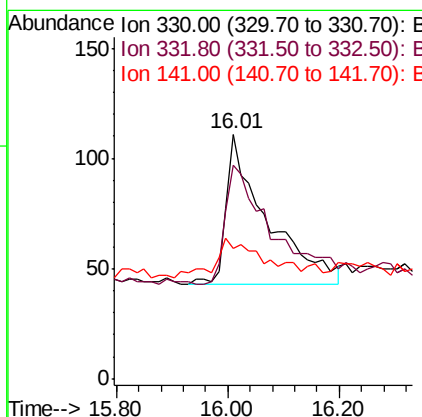
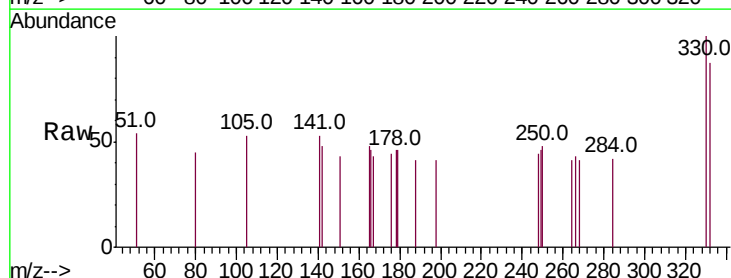
Instrument :
BNA_E
ClientSampleId :
PB119824BL

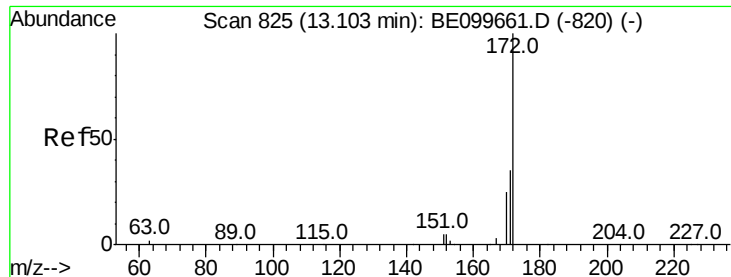
Tot Ion:164 Resp: 3273
Ion Ratio Lower Upper
164 100
162 101.1 76.5 114.7
160 51.3 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 16.01 min Scan# 1029
Delta R.T. 0.03 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Tgt Ion:330 Resp: 341
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 33.7 18.9 28.3#

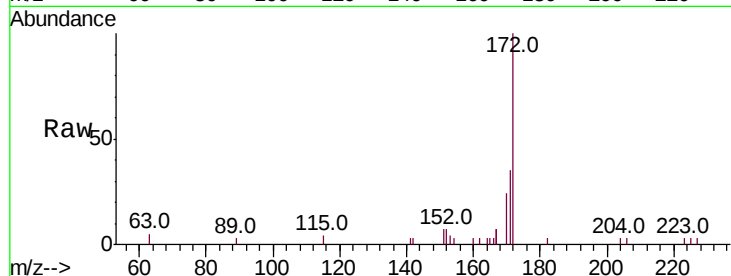




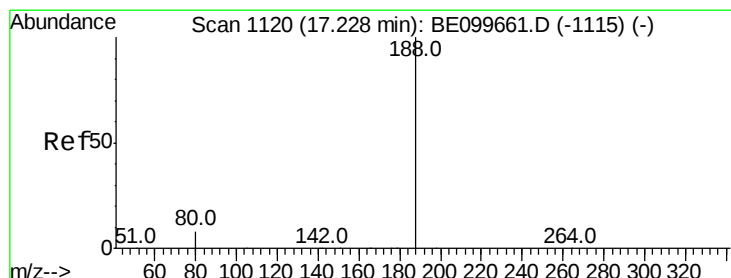
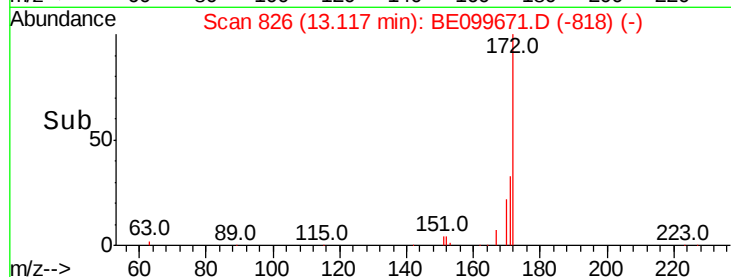
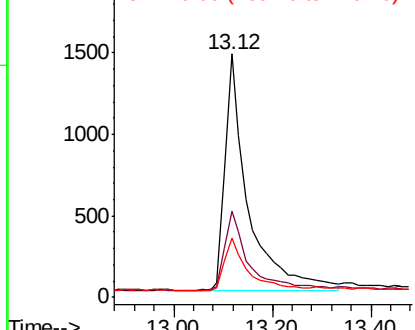
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Instrument :
BNA_E
ClientSampleId :
PB119824BL

Tot Ion:172 Resp: 4684
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 24.3 20.9 31.3

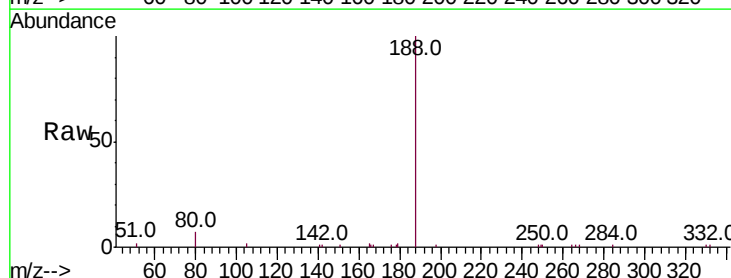


Abundance Ion 172.00 (171.70 to 172.70): E
2000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

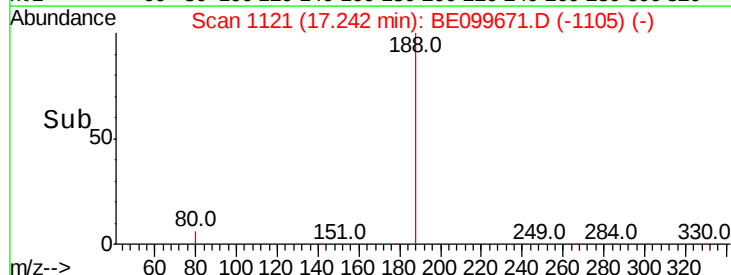
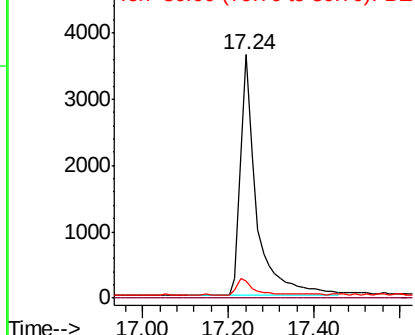


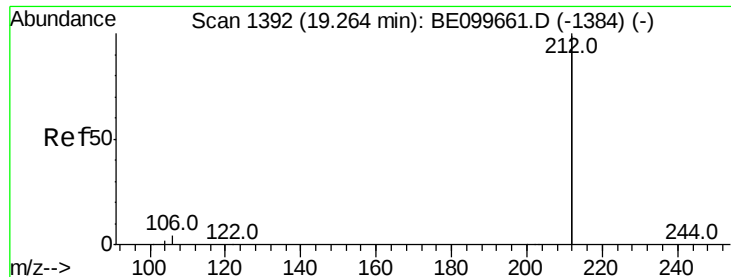
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099671.D
Acq: 20 May 2019 21:42

Tgt Ion:188 Resp: 9518
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E
5000 Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.406 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

Instrument :

BNA_E

ClientSampleId :

PB119824BL

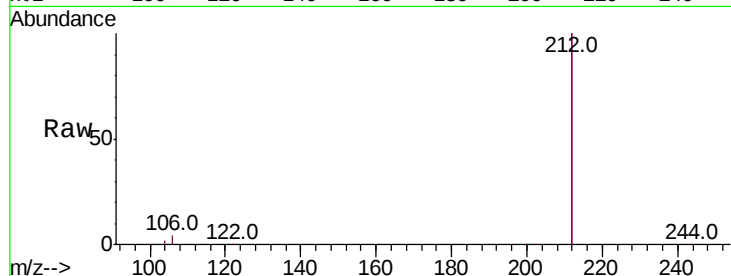
Tot Ion:212 Resp: 52754

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

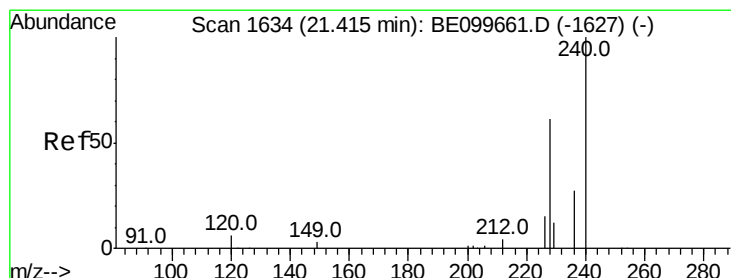
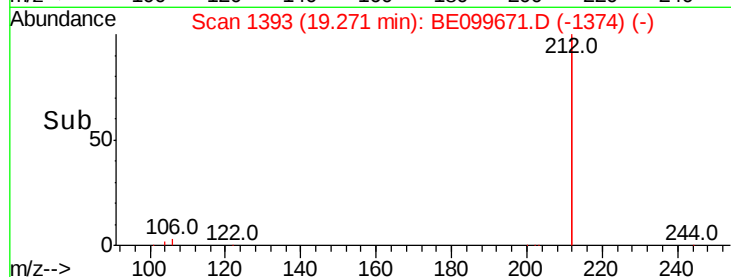
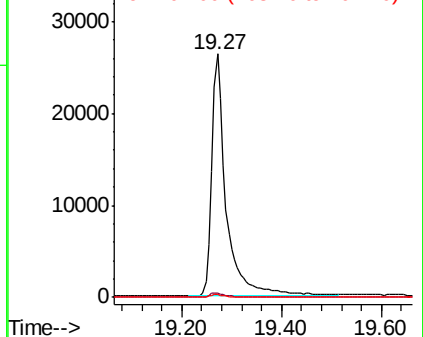
104 1.0 0.8 1.2



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: 21.43 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

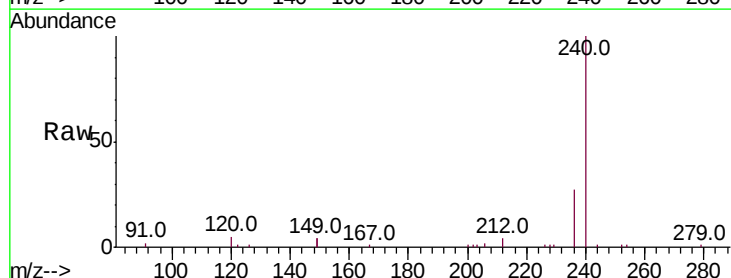
Tgt Ion:240 Resp: 14077

Ion Ratio Lower Upper

240 100

120 5.2 5.4 8.0#

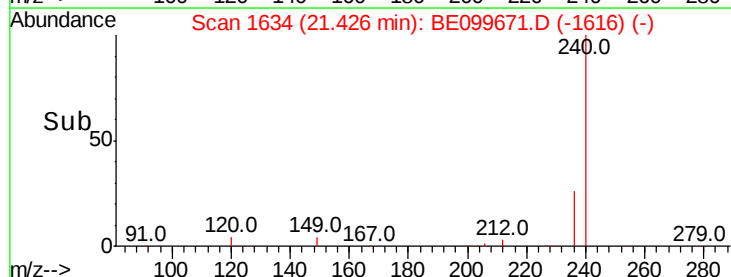
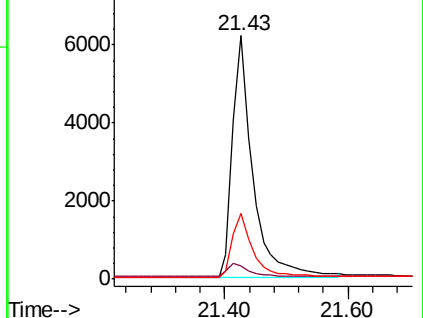
236 27.0 21.7 32.5

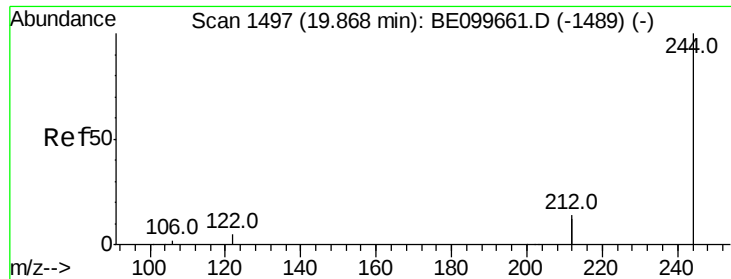


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.442 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099671.D

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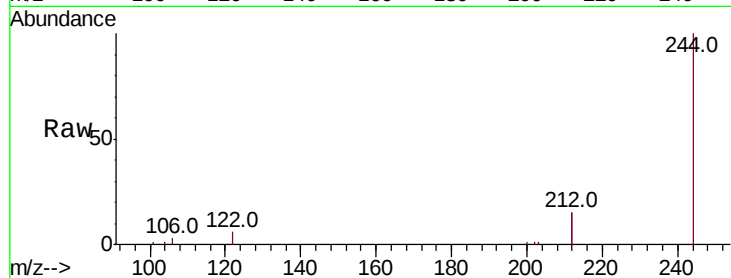
Tot Ion:244 Resp: 11102

Ion Ratio Lower Upper

244 100

212 29.3 22.5 33.7

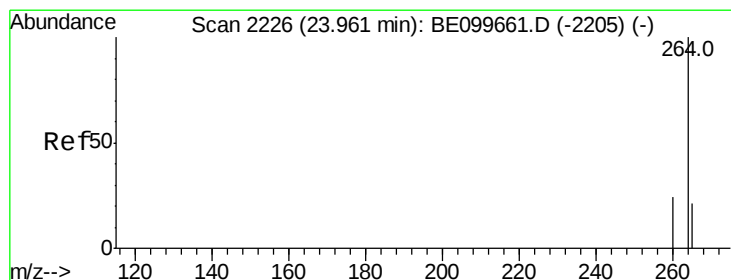
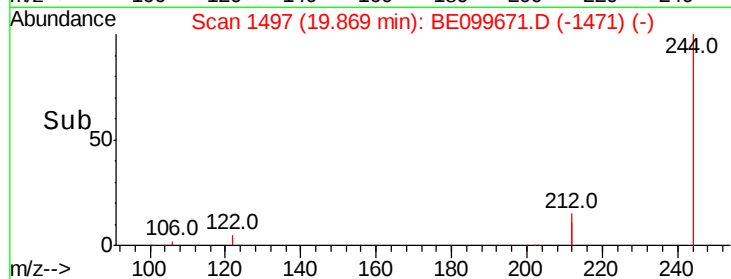
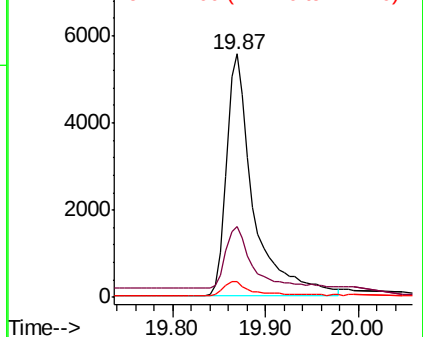
122 6.3 4.3 6.5



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: 23.97 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BE099671.D

Acq: 20 May 2019 21:42

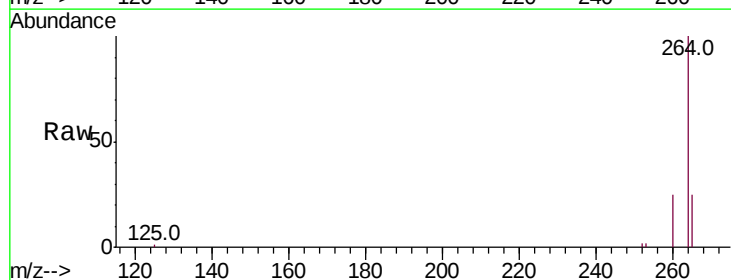
Tgt Ion:264 Resp: 17368

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 25.4 19.1 28.7



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

