

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011519\
 Data File : BE098628.D
 Acq On : 15 Jan 2019 15:19
 Operator : SJ/JU
 Sample : PB116376BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB116376BL

Quant Time: Jan 15 16:14:00 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	984	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	3944	0.40	ng	0.01
13) Acenaphthene-d10	14.49	164	2391	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5464	0.40	ng	0.00
27) Chrysene-d12	21.41	240	7266	0.40	ng	0.00
34) Perylene-d12	23.93	264	7543	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	872	0.33	ng	0.01
5) Phenol-d6	7.01	99	1029	0.28	ng	0.01
8) Nitrobenzene-d5	9.00	82	809	0.26	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1697	0.26	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	280	0.27	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2877	0.29	ng	0.01
25) Fluoranthene-d10	19.26	212	19662	0.29	ng	0.00
29) Terphenyl-d14	19.86	244	4825	0.30	ng	0.00

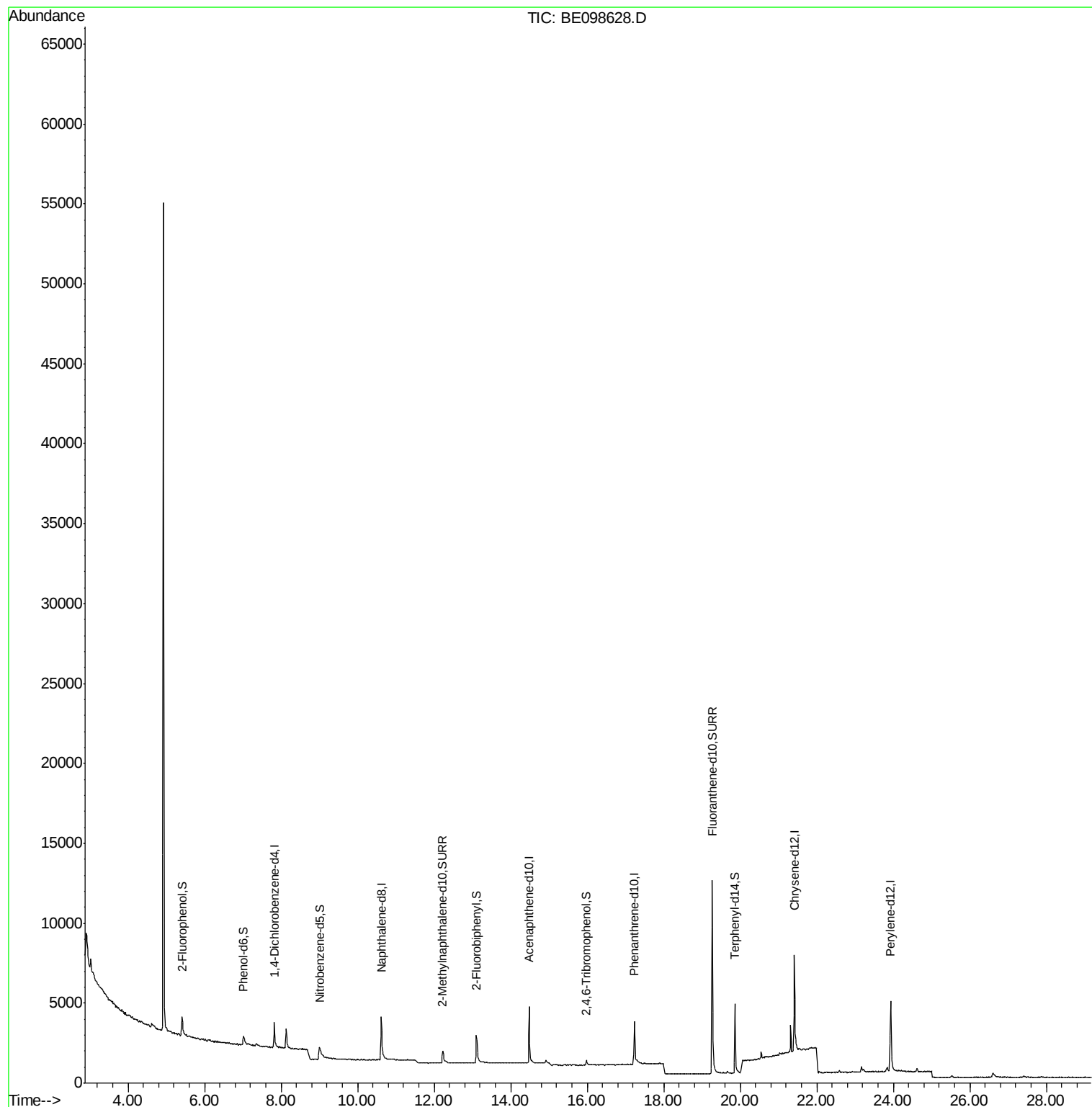
Target Compounds	Qvalue
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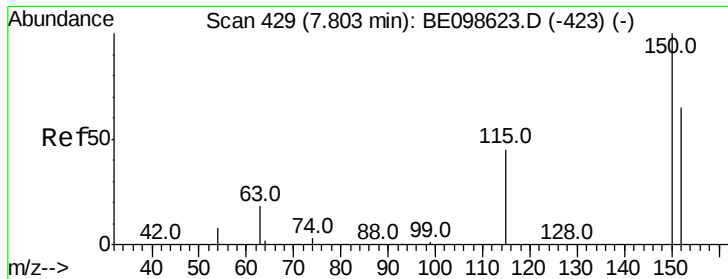
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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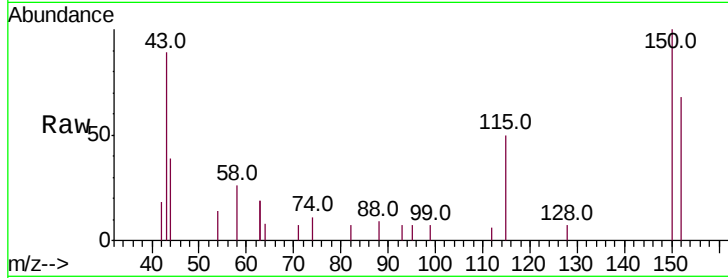


#1

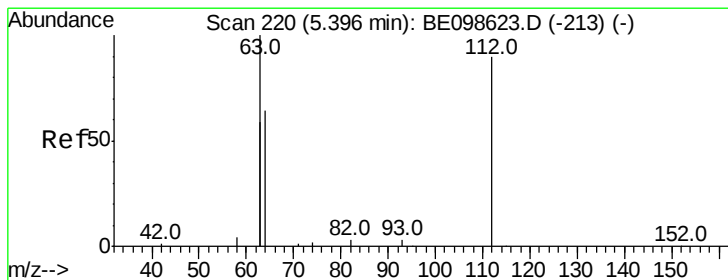
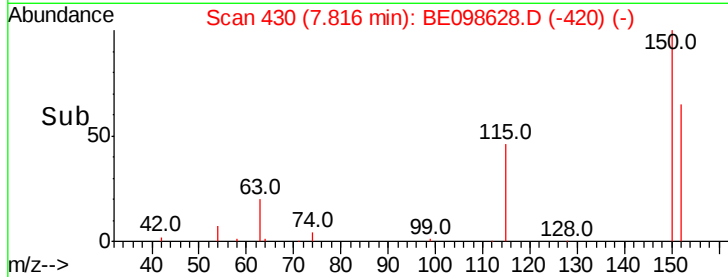
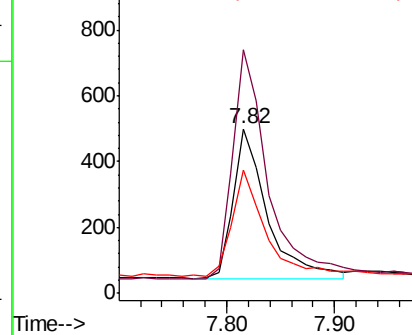
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.01 min
Lab File: BE098628.D
Acq: 15 Jan 2019 15:19

Instrument :
BNA_E
ClientSampleId :
PB116376BL

Tot Ion:152 Resp: 984
Ion Ratio Lower Upper
152 100
150 147.8 121.4 182.2
115 74.6 59.1 88.7



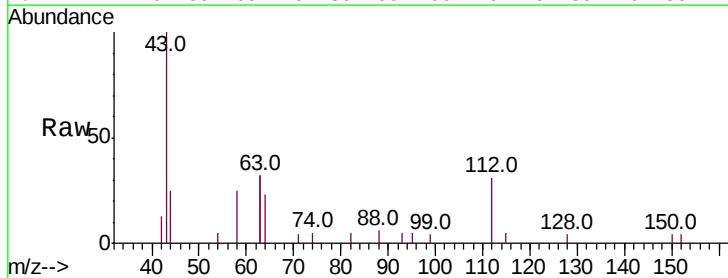
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



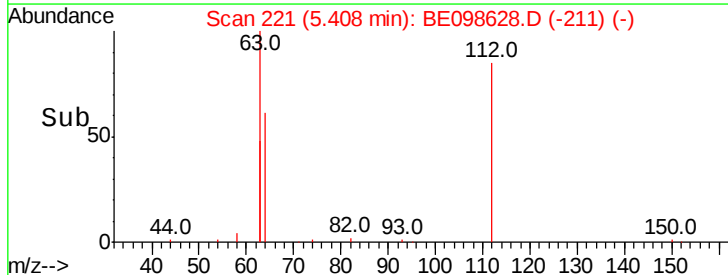
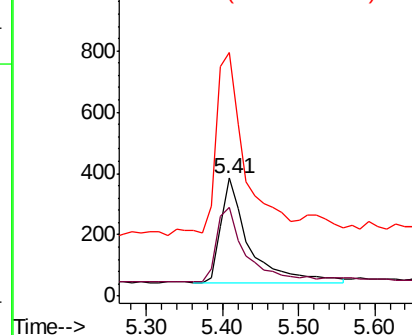
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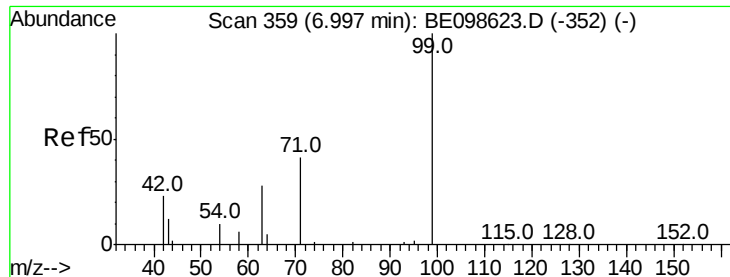
2-Fluorophenol
Concen: 0.332 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.01 min
Lab File: BE098628.D
Acq: 15 Jan 2019 15:19

Tgt Ion:112 Resp: 872
Ion Ratio Lower Upper
112 100
64 79.1 62.9 94.3
63 181.2 152.2 228.4



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





#5

Phenol-d6

Concen: 0.275 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.01 min

Lab File: BE098628.D

Acq: 15 Jan 2019 15:19

Instrument :

BNA_E

ClientSampleId :

PB116376BL

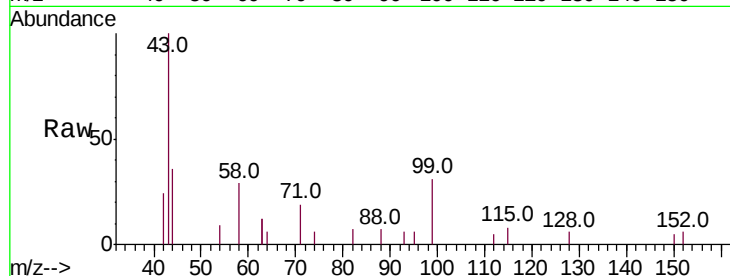
Tot Ion: 99 Resp: 1029

Ion Ratio Lower Upper

99 100

42 31.4 24.6 37.0

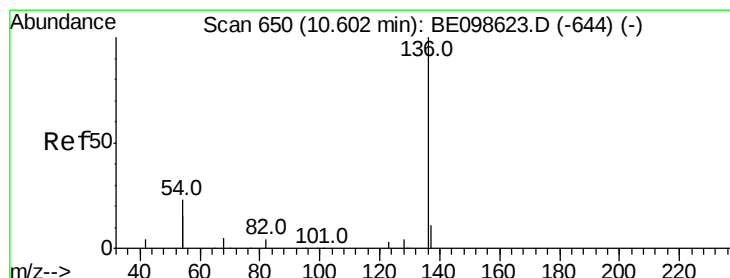
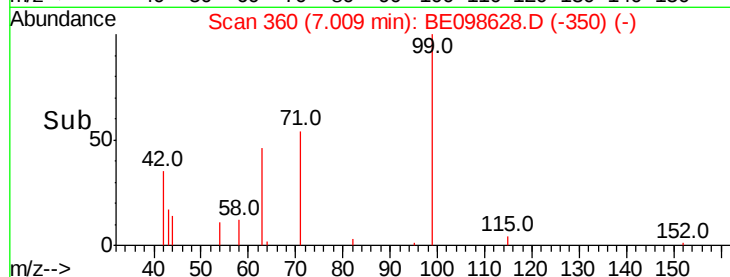
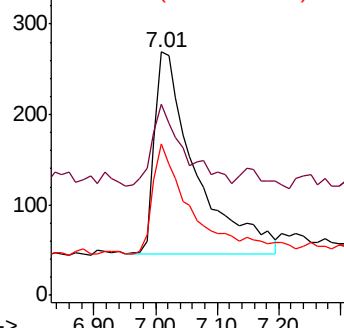
71 53.4 35.1 52.7#



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: BE098628.D

Acq: 15 Jan 2019 15:19

Tgt Ion: 136 Resp: 3944

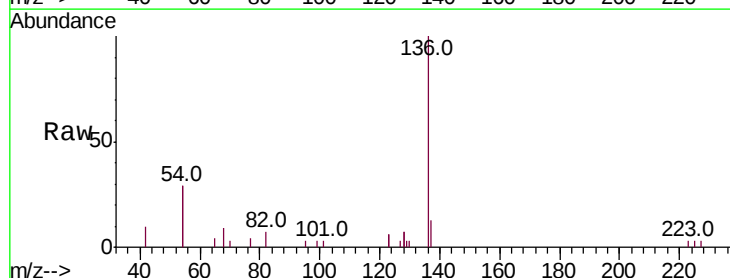
Ion Ratio Lower Upper

136 100

137 13.2 9.7 14.5

54 57.8 35.5 53.3#

68 9.1 5.0 7.6#

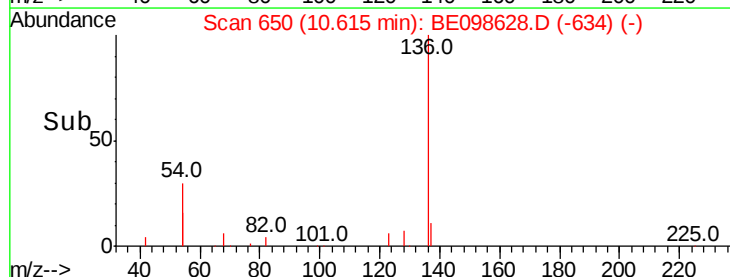
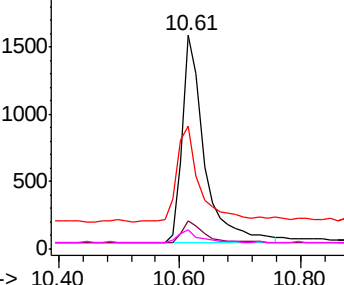


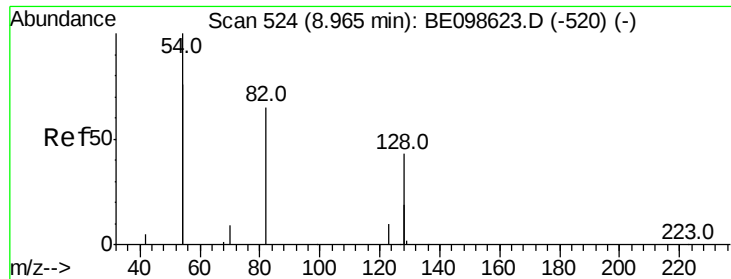
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.259 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098628.D

Acq: 15 Jan 2019 15:19

Instrument :

BNA_E

ClientSampleId :

PB116376BL

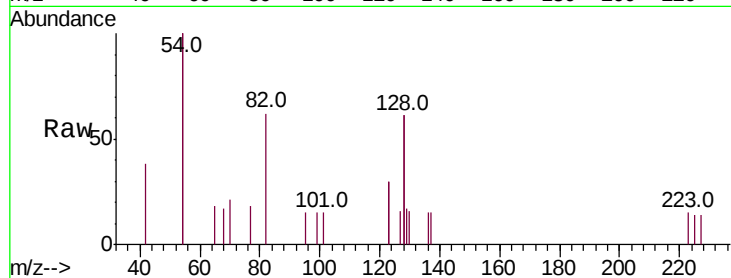
Tot Ion: 82 Resp: 809

Ion Ratio Lower Upper

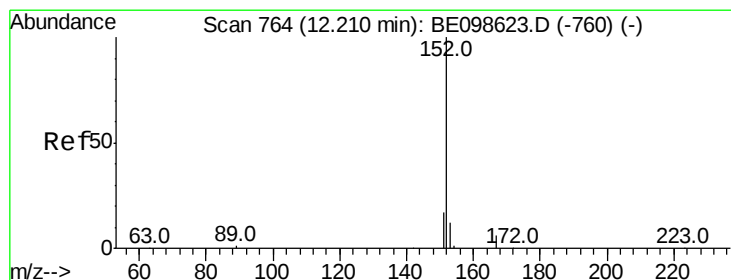
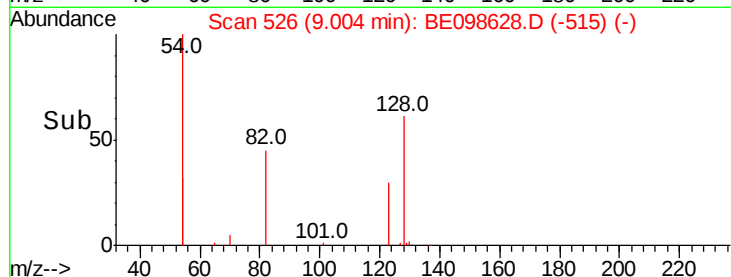
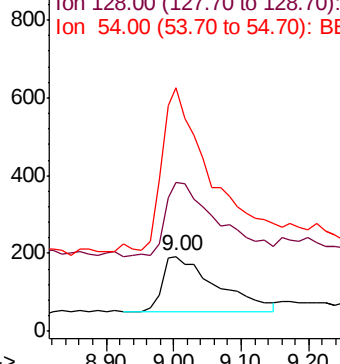
82 100

128 197.9 96.5 144.7#

54 324.4 224.7 337.1



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: 0.261 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE098628.D

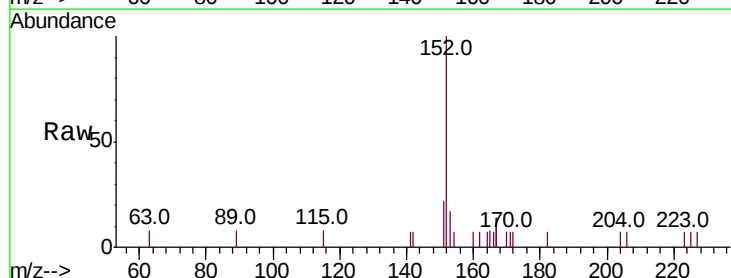
Acq: 15 Jan 2019 15:19

Tgt Ion: 152 Resp: 1697

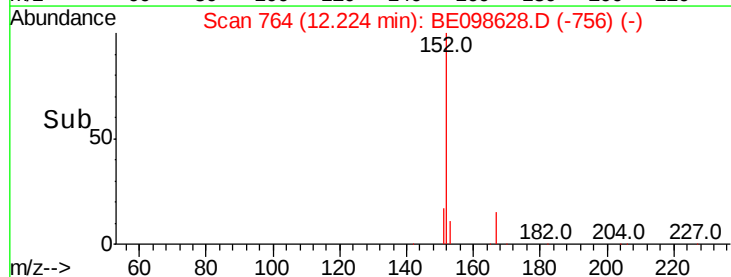
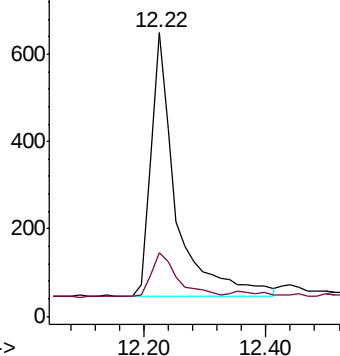
Ion Ratio Lower Upper

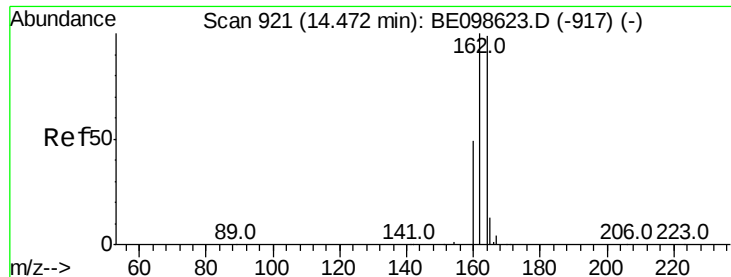
152 100

151 17.7 16.2 24.4



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

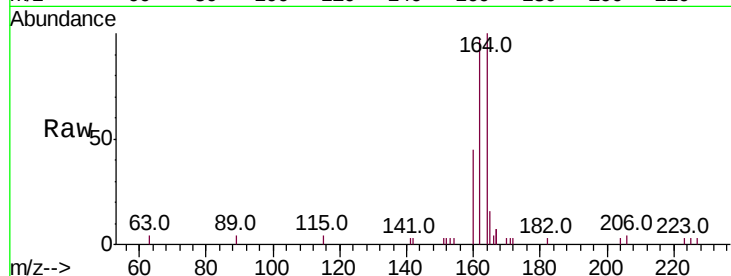




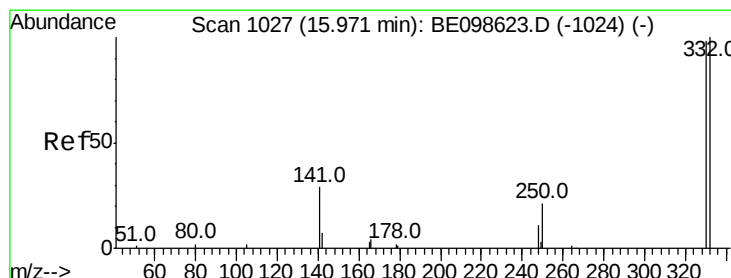
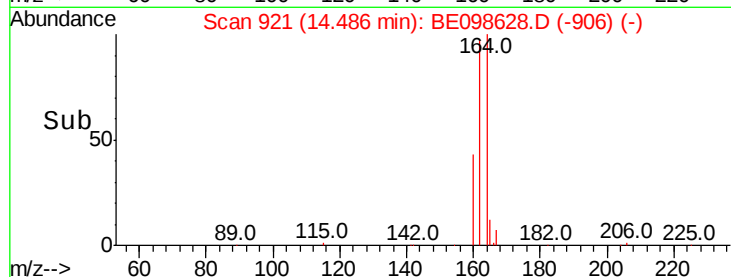
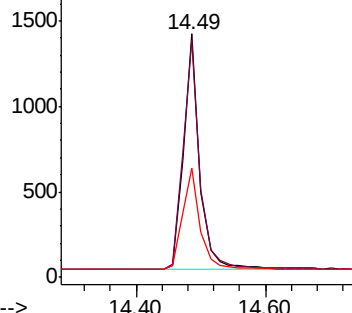
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE098628.D
Acq: 15 Jan 2019 15:19

Instrument :
BNA_E
ClientSampleId :
PB116376BL

Tot Ion:164 Resp: 2391
Ion Ratio Lower Upper
164 100
162 97.5 80.5 120.7
160 44.7 40.1 60.1

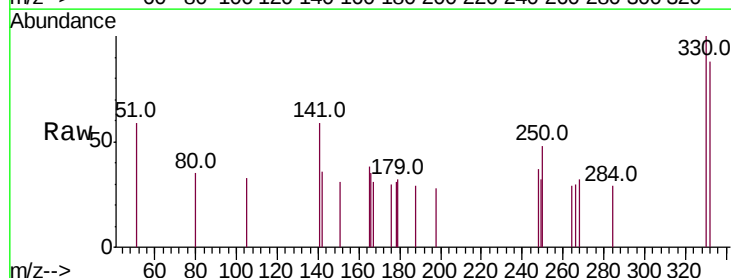


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

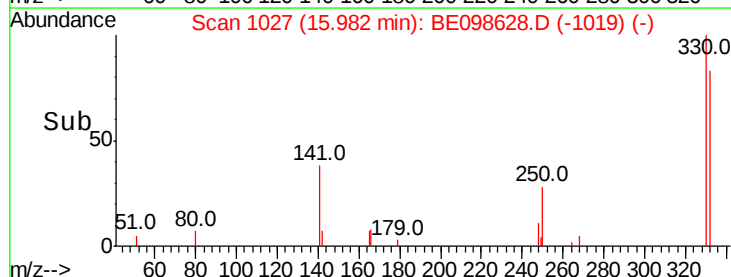
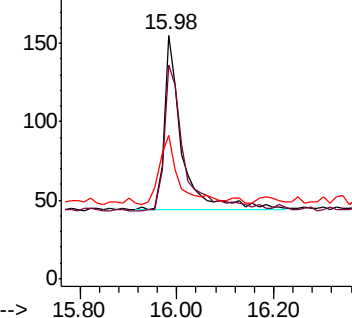


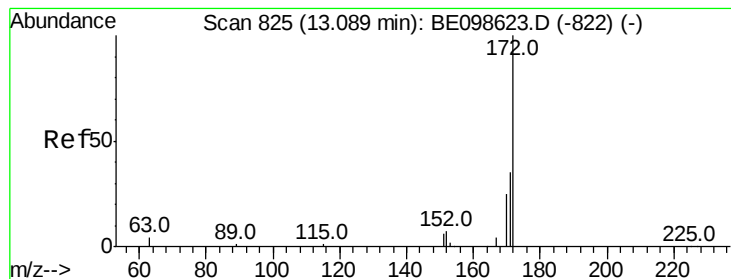
#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098628.D
Acq: 15 Jan 2019 15:19

Tgt Ion:330 Resp: 280
Ion Ratio Lower Upper
330 100
332 97.9 73.3 109.9
141 44.3 33.1 49.7



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

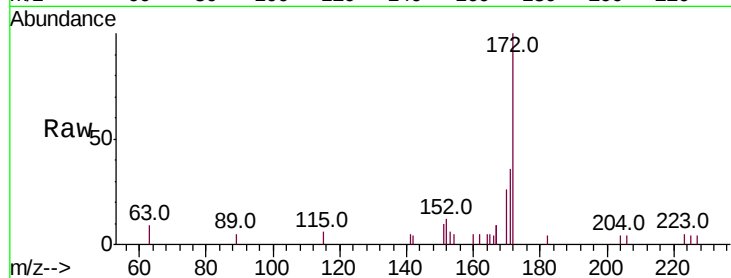




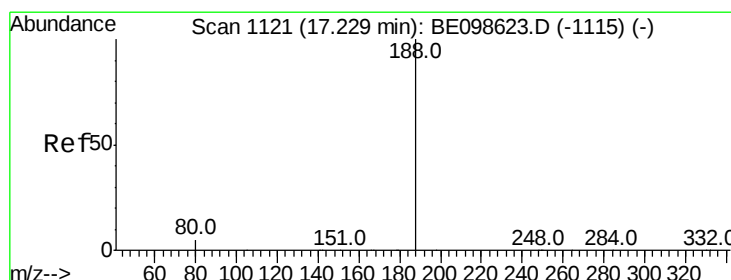
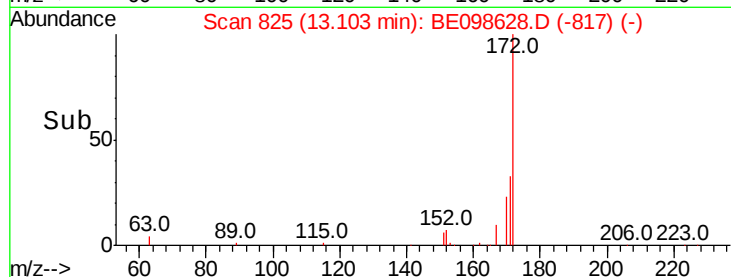
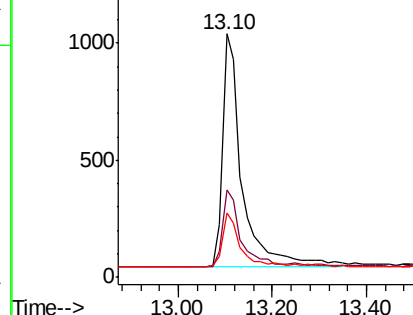
#15
 2-Fluorobiphenyl
 Concen: 0.294 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098628.D
 Acq: 15 Jan 2019 15:19

Instrument :
 BNA_E
 ClientSampleId :
 PB116376BL

Tot Ion:172 Resp: 2877
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 26.3 20.8 31.2

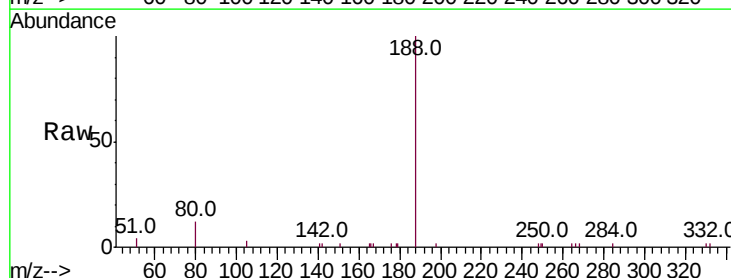


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

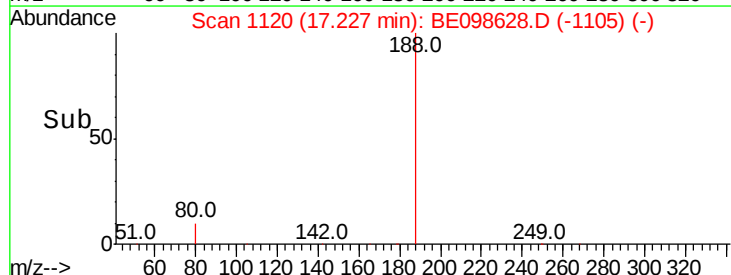
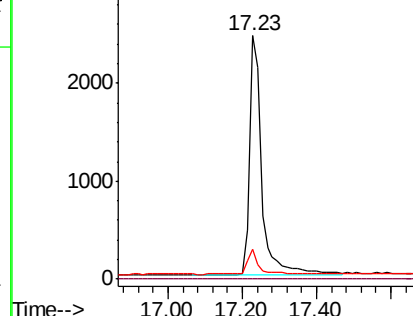


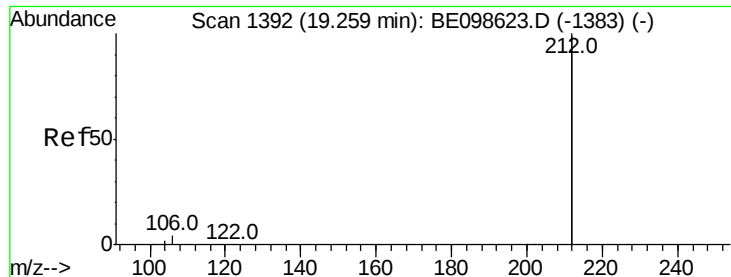
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE098628.D
 Acq: 15 Jan 2019 15:19

Tgt Ion:188 Resp: 5464
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 12.0 4.7 7.1#



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: 0.291 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BE098628.D

Acq: 15 Jan 2019 15:19

Instrument :

BNA_E

ClientSampleId :

PB116376BL

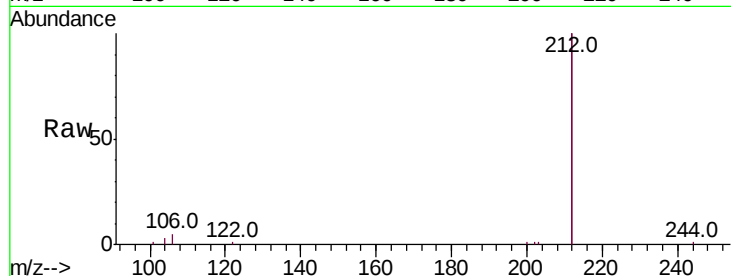
Tot Ion:212 Resp: 19662

Ion Ratio Lower Upper

212 100

106 2.0 1.7 2.5

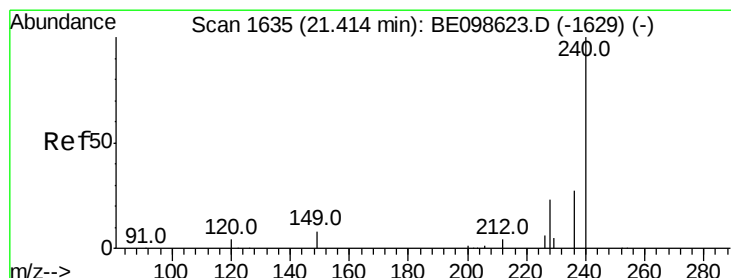
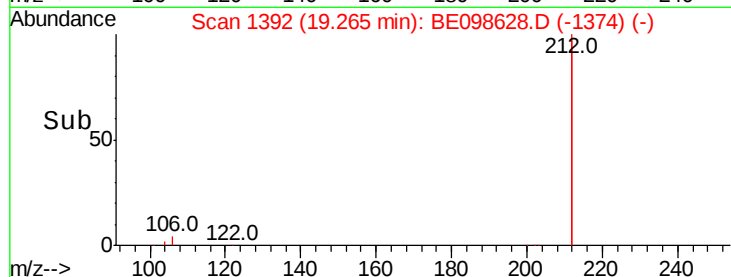
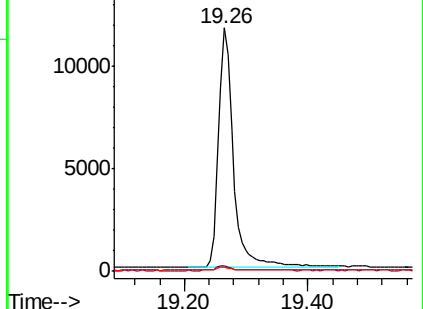
104 1.2 1.0 1.6



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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098628.D

Acq: 15 Jan 2019 15:19

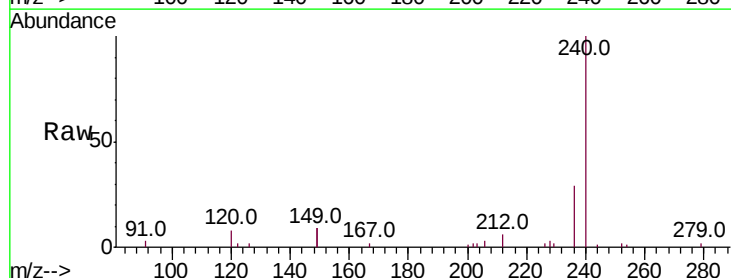
Tgt Ion:240 Resp: 7266

Ion Ratio Lower Upper

240 100

120 7.9 4.7 7.1#

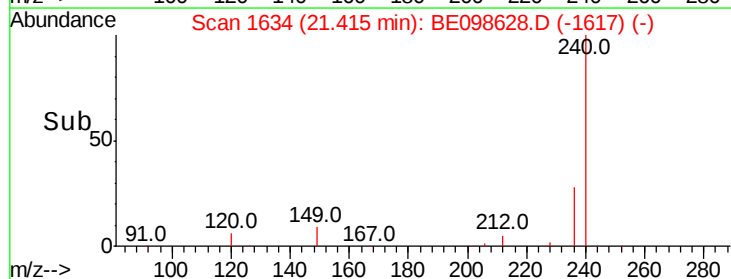
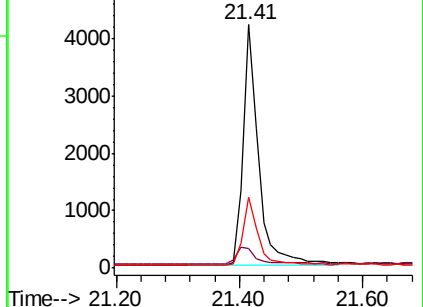
236 29.0 21.9 32.9

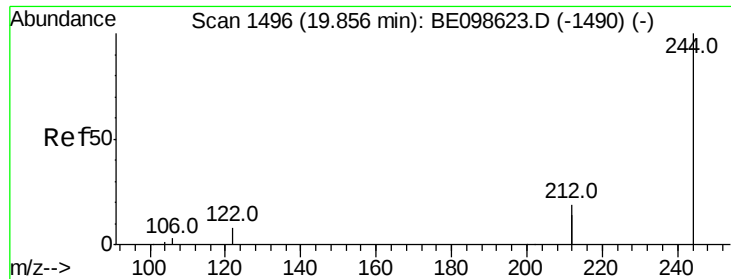


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.300 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE098628.D

Acq: 15 Jan 2019 15:19

Instrument :

BNA_E

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PB116376BL

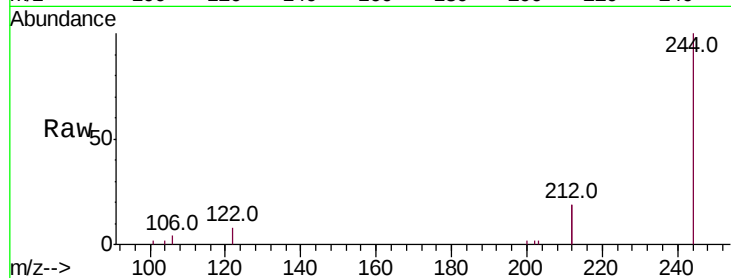
Tot Ion:244 Resp: 4825

Ion Ratio Lower Upper

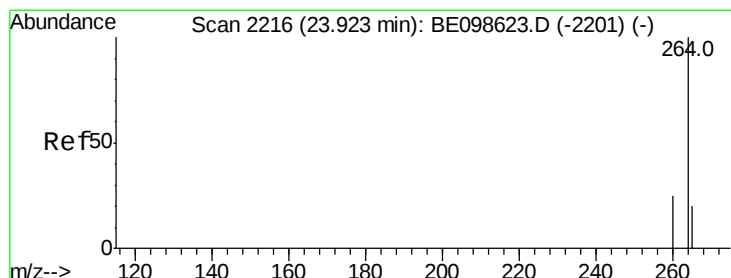
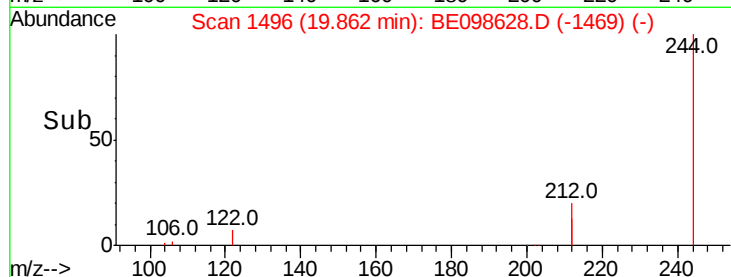
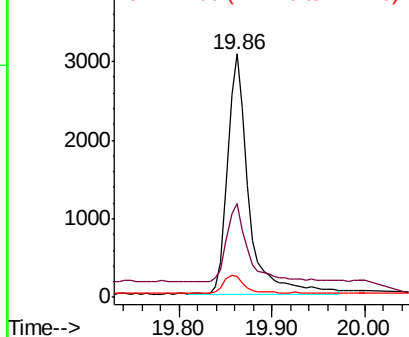
244 100

212 38.5 29.4 44.2

122 8.5 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# 2217

Delta R.T. 0.01 min

Lab File: BE098628.D

Acq: 15 Jan 2019 15:19

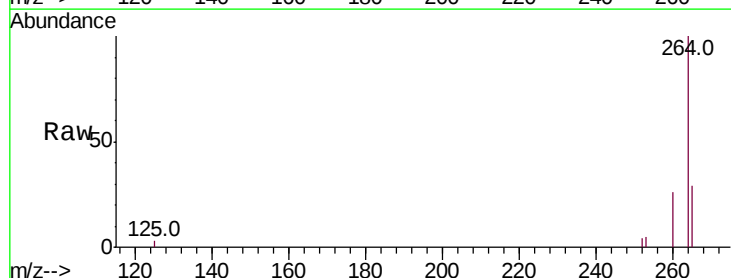
Tgt Ion:264 Resp: 7543

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 29.3 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

