

Data File : BE097762.D
Acq On : 5 Oct 2018 19:30
Operator : SJ/JU
Sample : PB113508BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
PB113508BL

Quant Time: Oct 06 04:19:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3352	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	12778	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6152	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	14664	0.40	ng	0.00
27) Chrysene-d12	21.49	240	18166	0.40	ng	0.00
34) Perylene-d12	24.03	264	17944	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	2457	0.31	ng	0.00
5) Phenol-d6	7.05	99	3067	0.25	ng	0.00
8) Nitrobenzene-d5	9.06	82	2019	0.49	ng	0.01
11) 2-Methylnaphthalene-d10	12.29	152	5327	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	308	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	8037	0.30	ng	0.00
25) Fluoranthene-d10	19.33	212	50456	0.27	ng	0.00
29) Terphenyl-d14	19.93	244	8965	0.24	ng	0.00

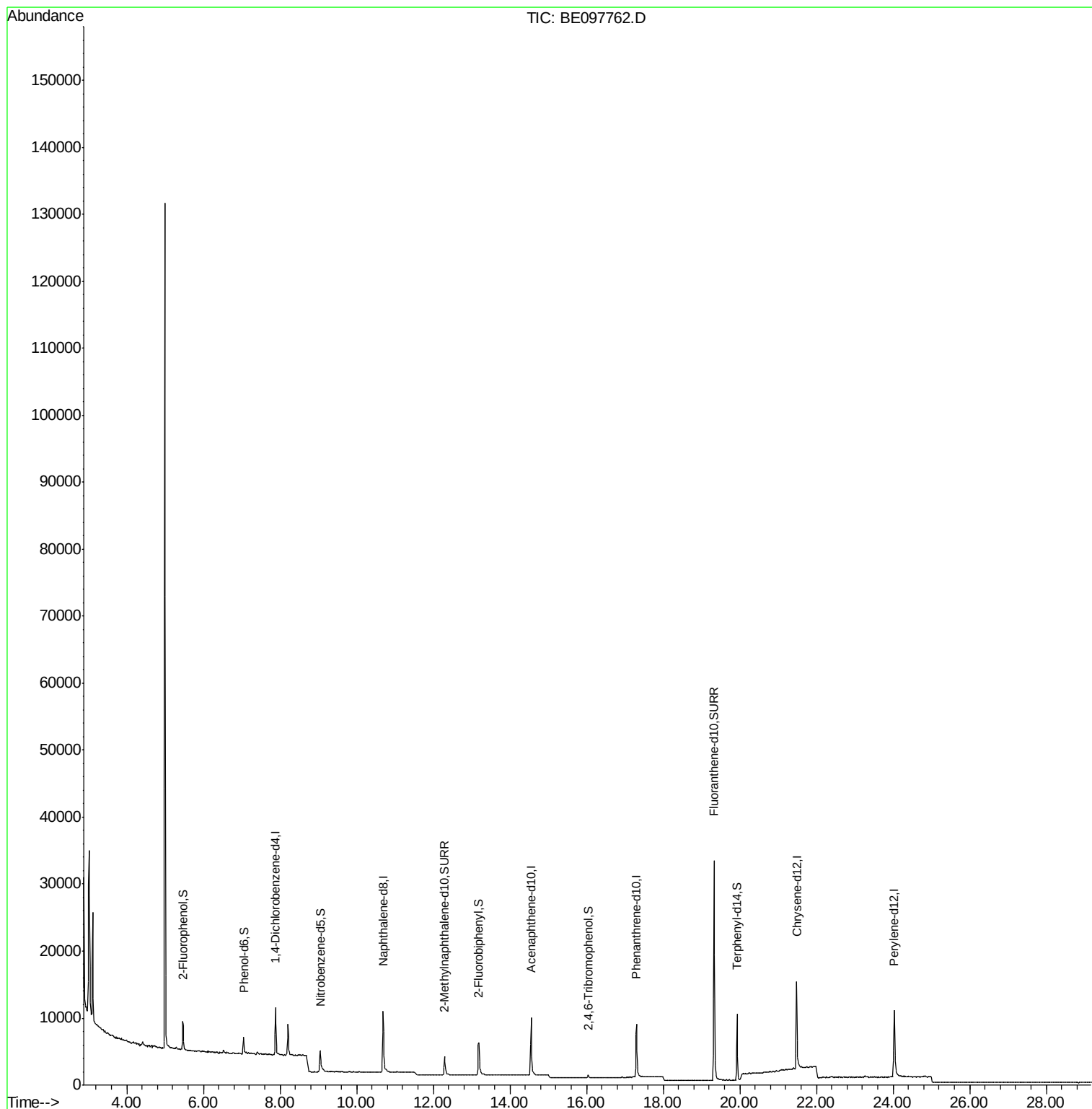
Target Compounds Qvalue

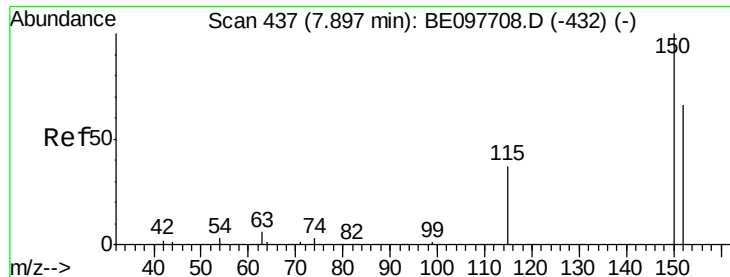
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

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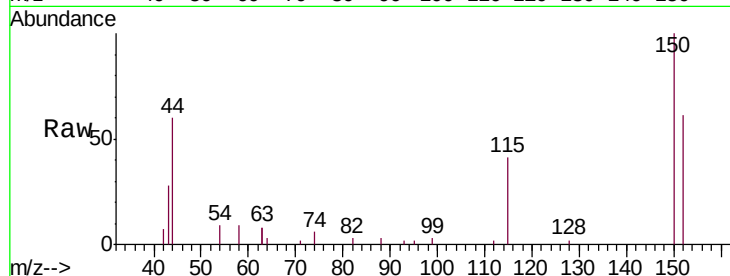
Tgt Ion:152 Resp: 3352

Ion Ratio Lower Upper

152 100

150 163.2 120.9 181.3

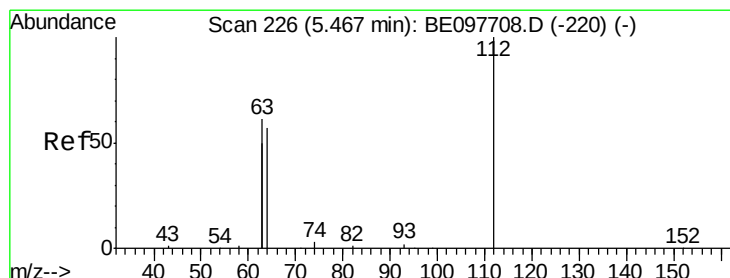
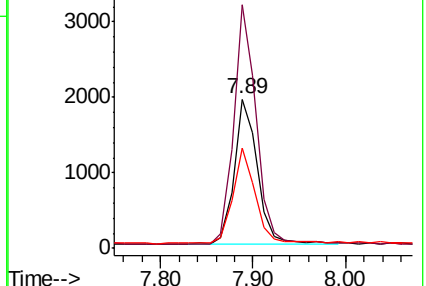
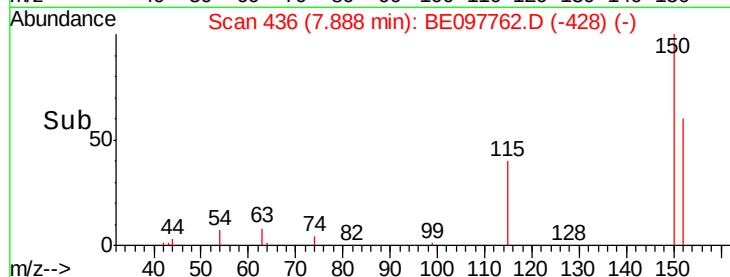
115 67.1 46.6 69.8



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: 0.310 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097762.D

Acq: 5 Oct 2018 19:30

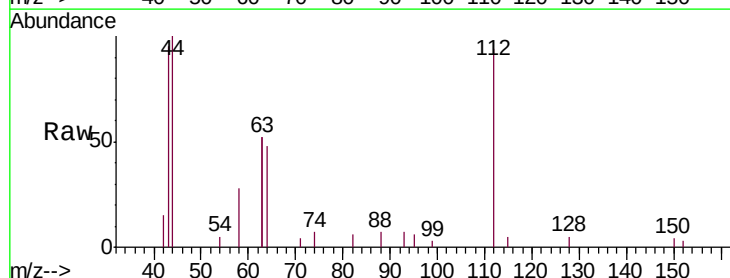
Tgt Ion:112 Resp: 2457

Ion Ratio Lower Upper

112 100

64 69.9 56.6 84.8

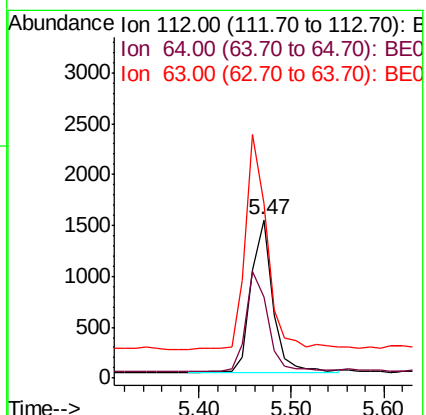
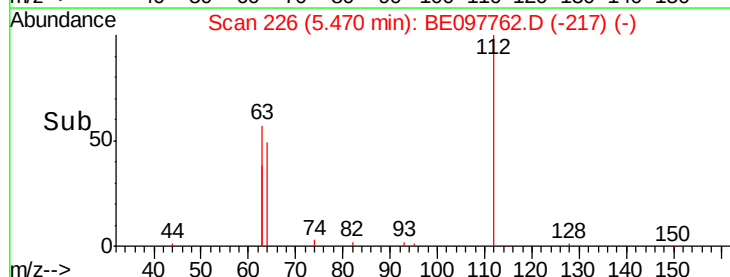
63 141.8 119.4 179.0

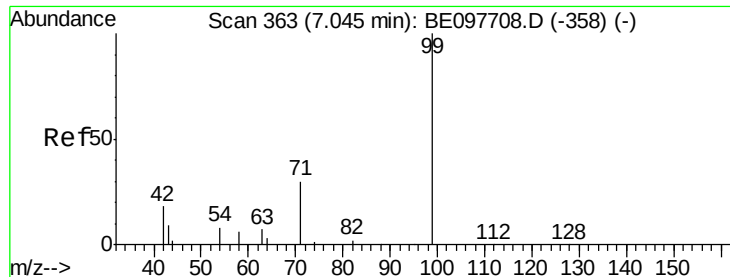


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.252 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097762.D

Acq: 5 Oct 2018 19:30

Instrument :

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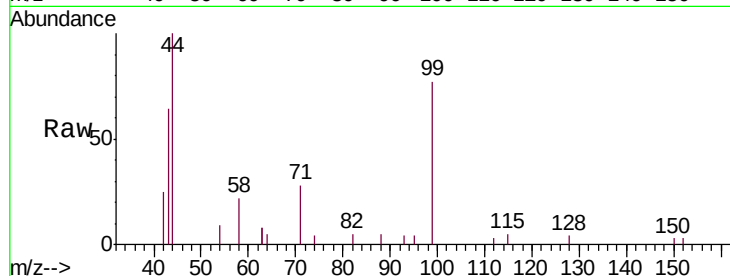
Tgt Ion: 99 Resp: 3067

Ion Ratio Lower Upper

99 100

42 24.7 19.9 29.9

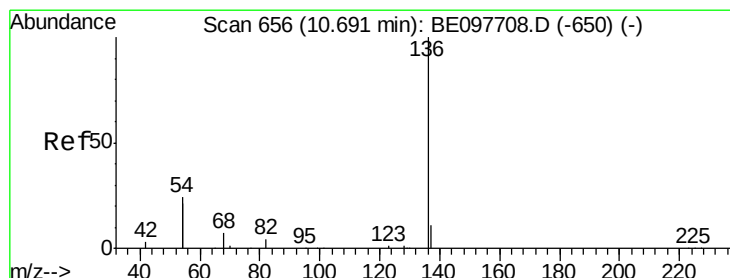
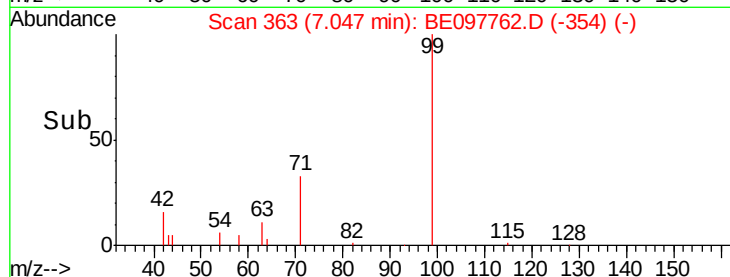
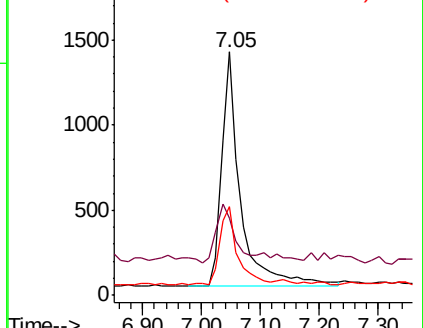
71 31.6 25.4 38.2



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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097762.D

Acq: 5 Oct 2018 19:30

Tgt Ion: 136 Resp: 12778

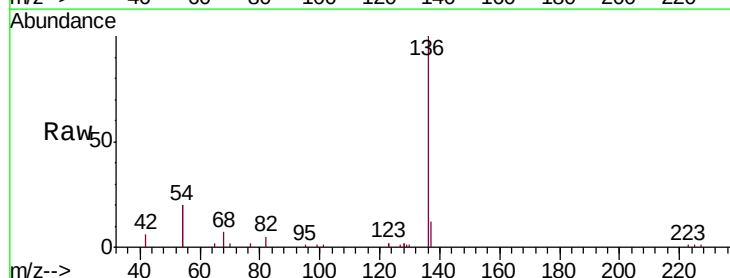
Ion Ratio Lower Upper

136 100

137 12.3 9.0 13.4

54 40.7 37.8 56.6

68 7.1 6.4 9.6

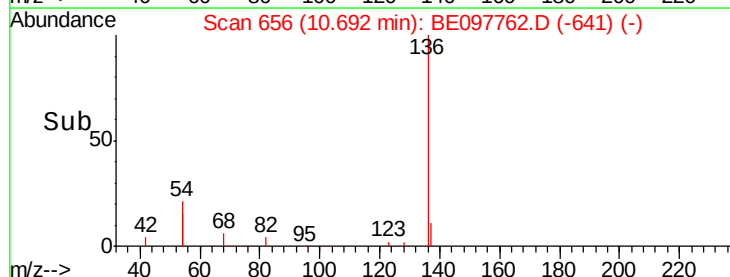
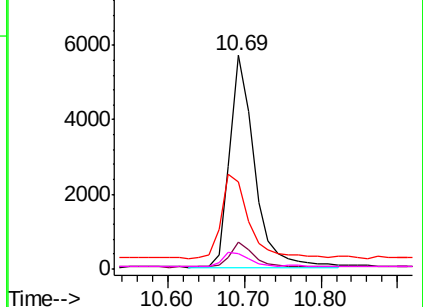


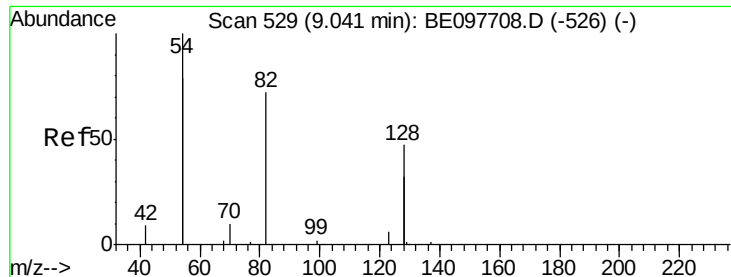
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.487 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097762.D

Acq: 5 Oct 2018 19:30

Instrument :

MSVOA_V

ClientSampleId :

PB113508BL

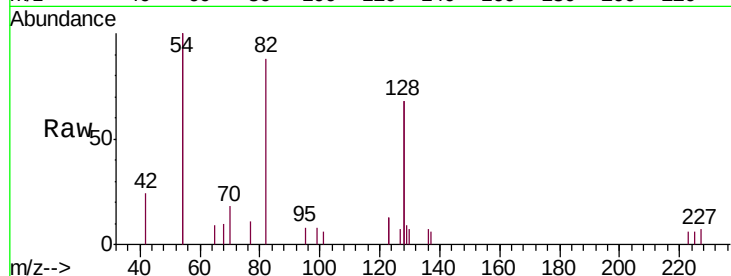
Tgt Ion: 82 Resp: 2019

Ion Ratio Lower Upper

82 100

128 152.9 97.0 145.4#

54 226.4 206.9 310.3



Abundance Ion 82.00 (81.70 to 82.70): BE097708.D (-526) (-)

Ion 128.00 (127.70 to 128.70): BE097708.D (-526) (-)

Ion 54.00 (53.70 to 54.70): BE097708.D (-526) (-)

Time-->

9.06

9.06

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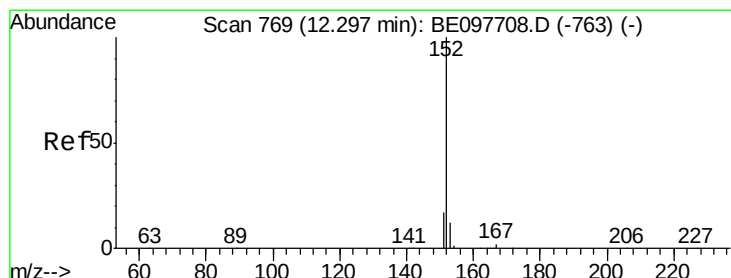
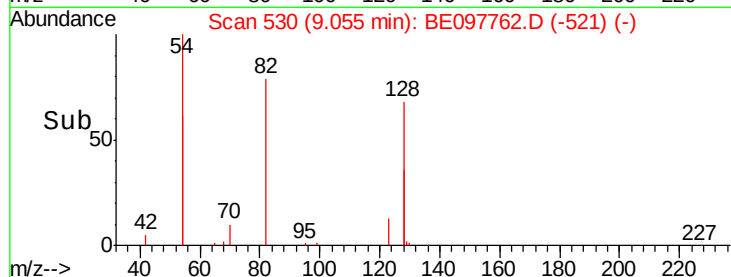
9.06

9.06

9.06

9.06

9.06



#11

2-Methylnaphthalene-d10

Concen: 0.262 ng

RT: 12.29 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097762.D

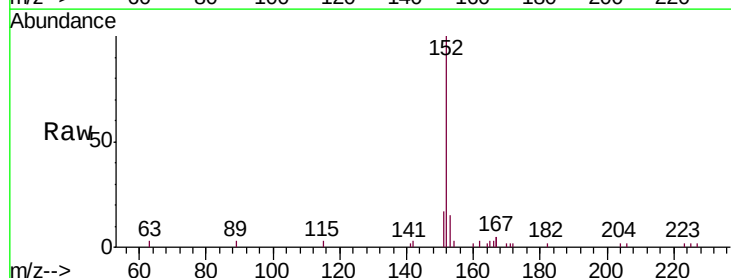
Acq: 5 Oct 2018 19:30

Tgt Ion: 152 Resp: 5327

Ion Ratio Lower Upper

152 100

151 18.4 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BE097708.D (-763) (-)

Ion 151.00 (150.70 to 151.70): BE097708.D (-763) (-)

Time-->

12.29

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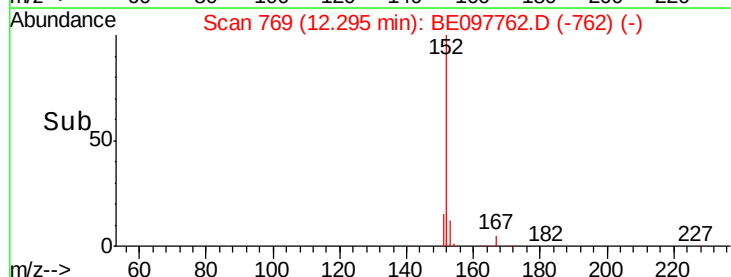
12.29

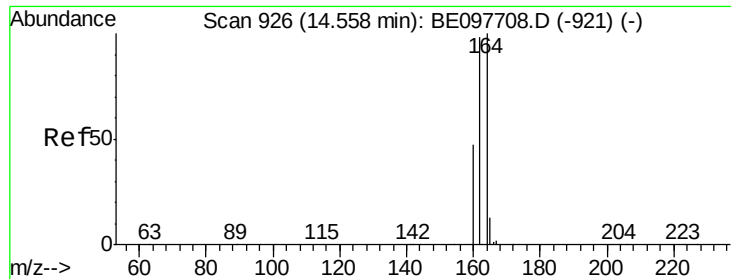
12.29

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12.29

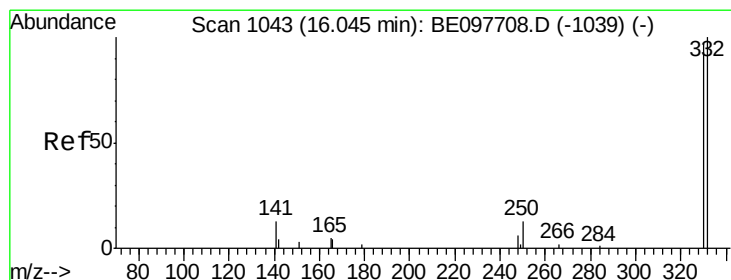
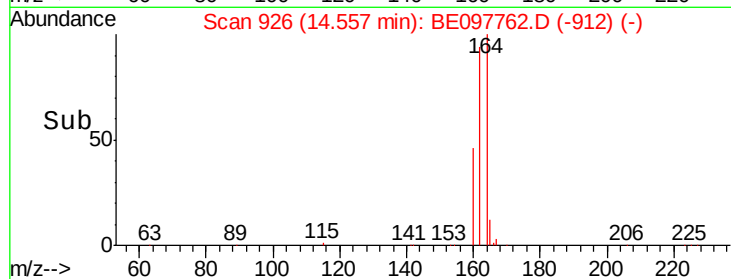
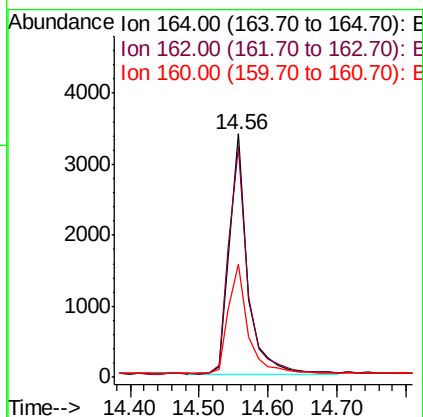
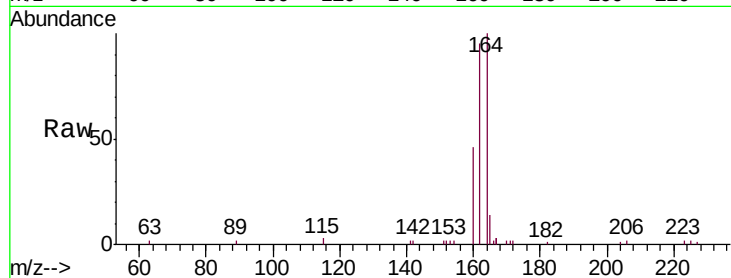




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

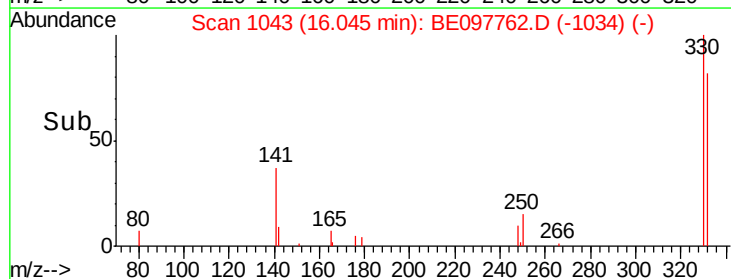
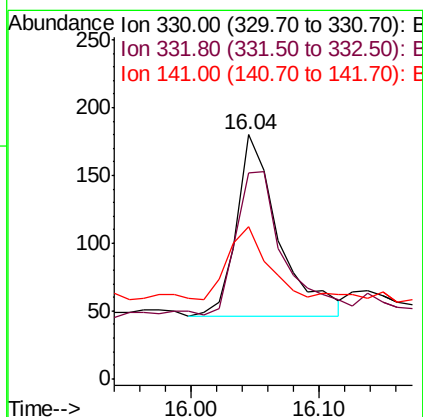
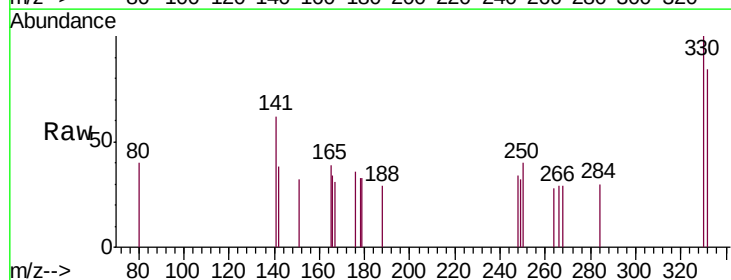
Instrument :
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ClientSampleId :
PB113508BL

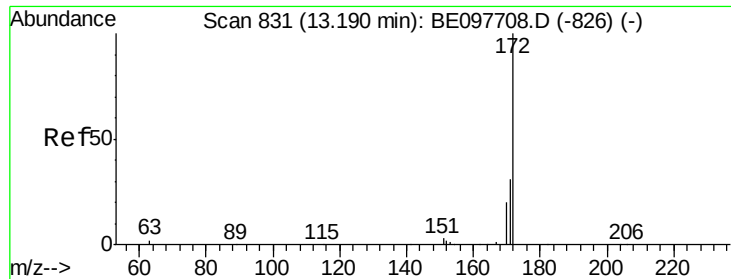
Tgt Ion:164 Resp: 6152
Ion Ratio Lower Upper
164 100
162 94.6 78.6 117.8
160 46.5 37.8 56.6



#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Tgt Ion:330 Resp: 308
Ion Ratio Lower Upper
330 100
332 88.6 83.5 125.3
141 38.0 34.9 52.3

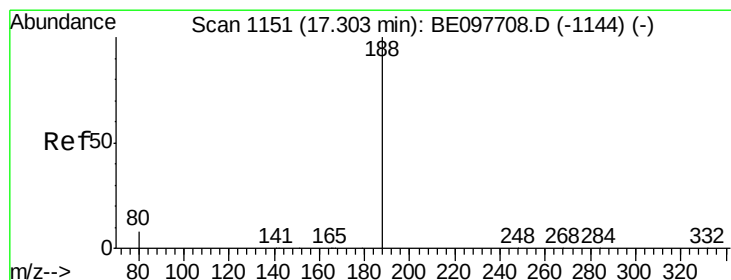
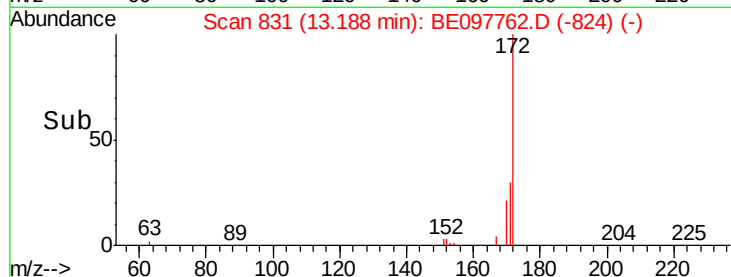
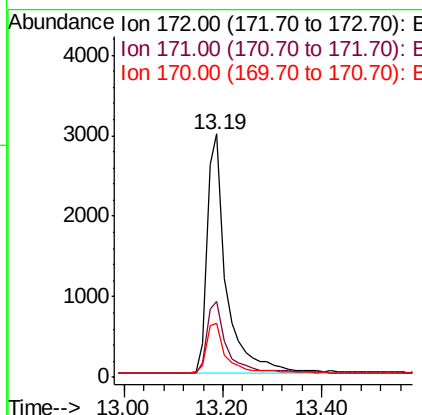
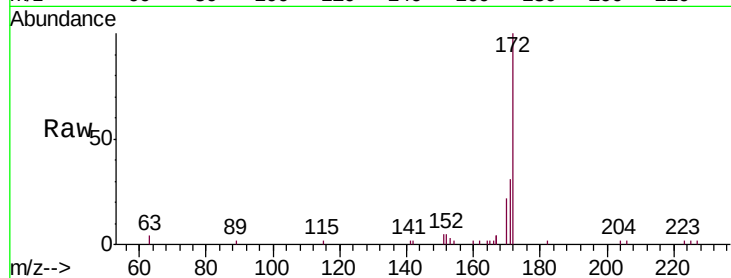




#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

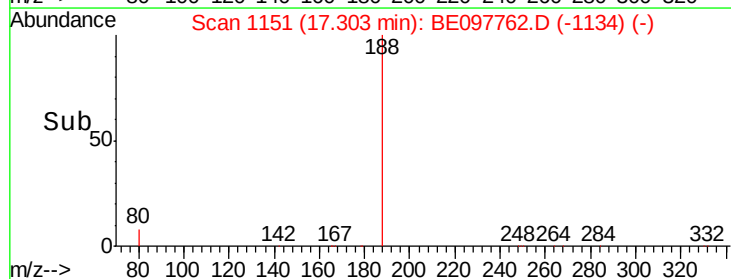
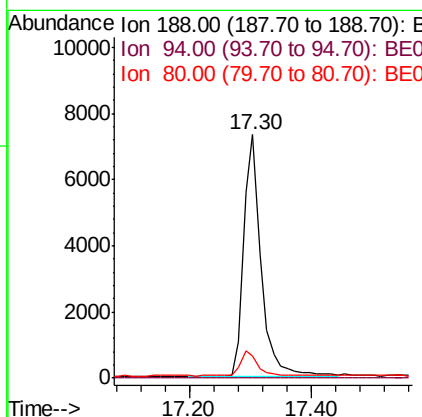
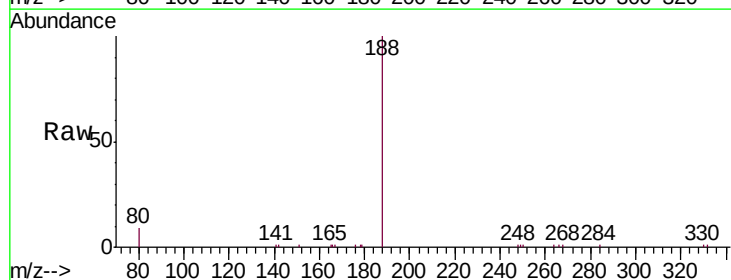
Instrument :
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PB113508BL

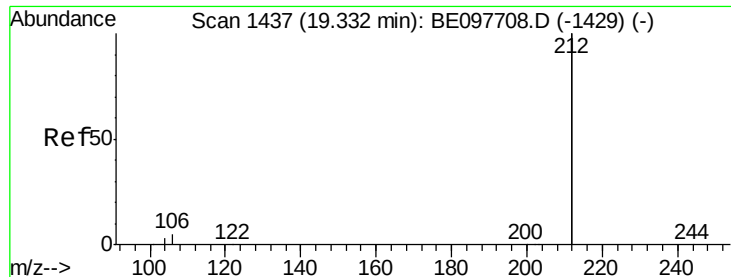
Tgt Ion:172 Resp: 8037
Ion Ratio Lower Upper
172 100
171 31.1 25.2 37.8
170 22.5 16.2 24.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE097762.D
Acq: 5 Oct 2018 19:30

Tgt Ion:188 Resp: 14664
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 6.6 9.8

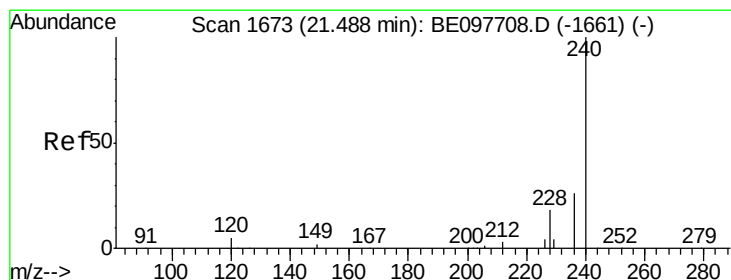
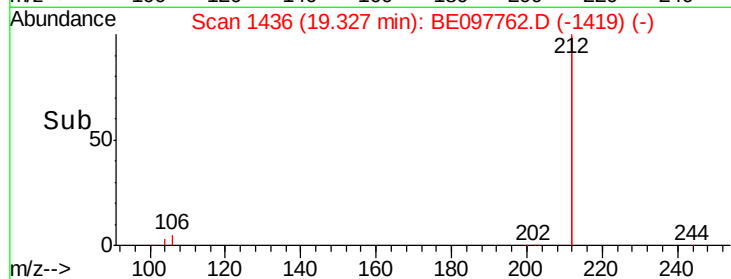
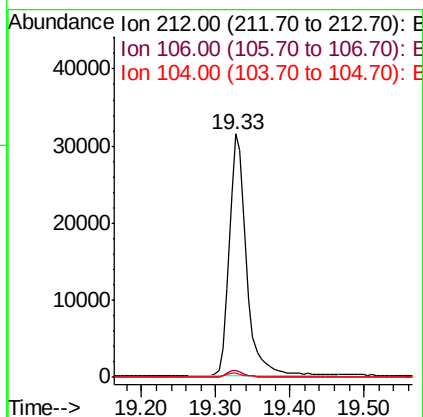
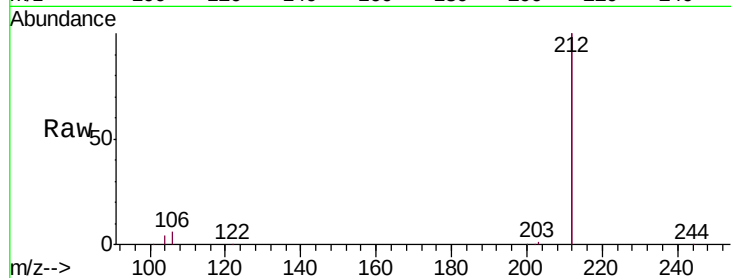




#25
 Fluoranthene-d10
 Concen: 0.272 ng
 RT: 19.33 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE097762.D
 Acq: 5 Oct 2018 19:30

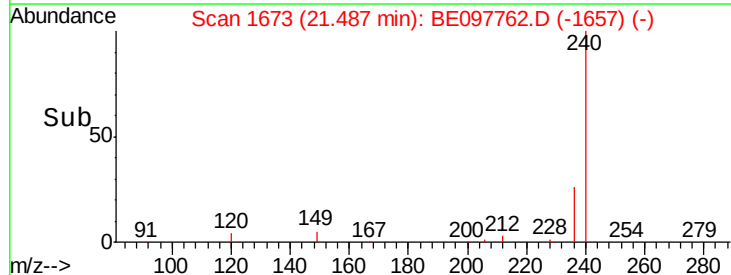
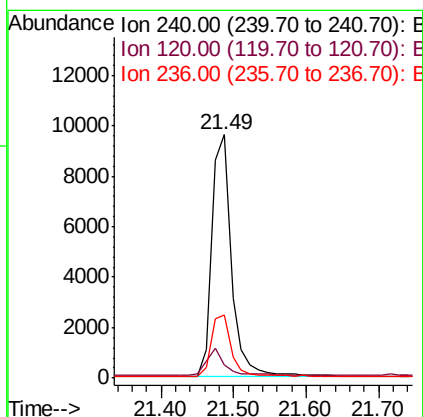
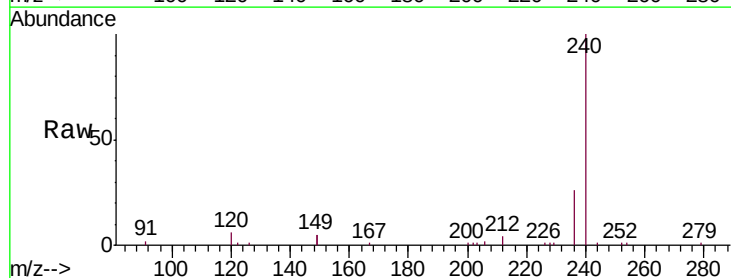
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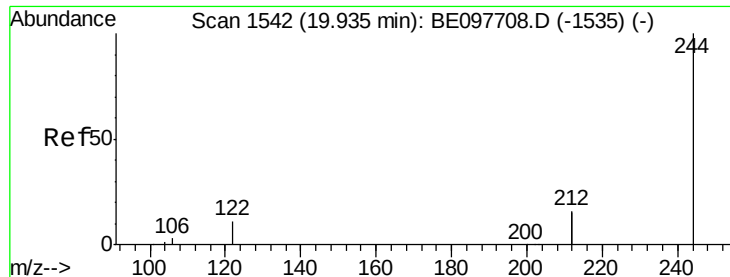
Tgt Ion:212 Resp: 50456
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.2 1.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BE097762.D
 Acq: 5 Oct 2018 19:30

Tgt Ion:240 Resp: 18166
 Ion Ratio Lower Upper
 240 100
 120 5.6 4.7 7.1
 236 26.2 20.8 31.2





#29

Terphenyl-d14

Concen: 0.242 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097762.D

Acq: 5 Oct 2018 19:30

Instrument :

MSVOA_V

ClientSampleId :

PB113508BL

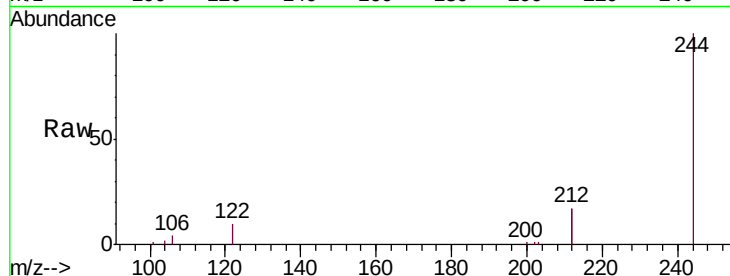
Tgt Ion:244 Resp: 8965

Ion Ratio Lower Upper

244 100

212 34.5 25.8 38.8

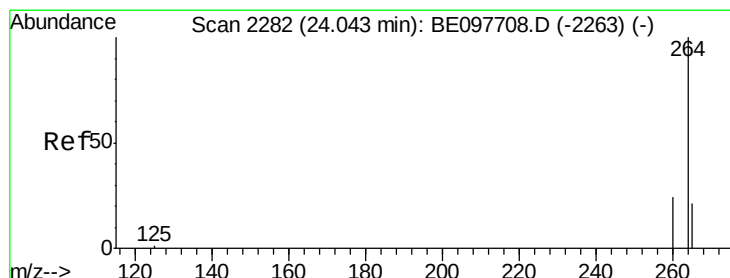
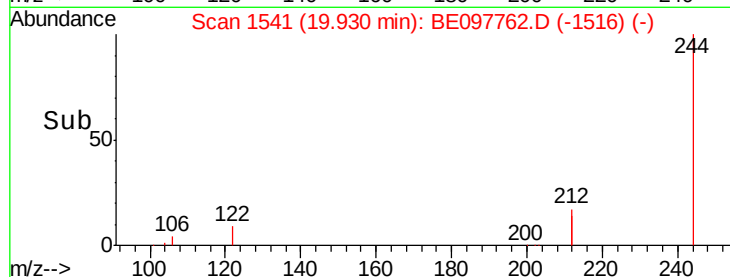
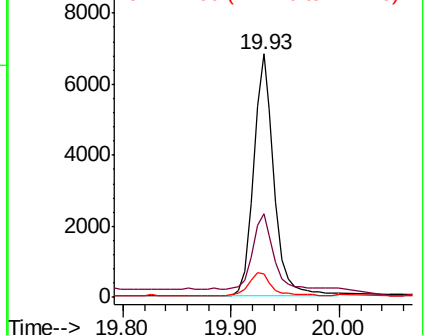
122 9.8 8.7 13.1



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: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097762.D

Acq: 5 Oct 2018 19:30

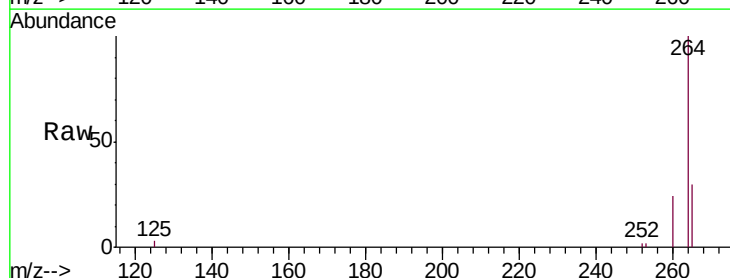
Tgt Ion:264 Resp: 17944

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 30.3 21.9 32.9



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

