

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE110718\
 Data File : BE098167.D
 Acq On : 7 Nov 2018 10:57
 Operator : SJ/JU
 Sample : PB114542BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114542BL

Quant Time: Nov 07 16:37:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	871	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	3495	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	2340	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	6623	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8039	0.40	ng	0.00
34) Perylene-d12	24.02	264	7702	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	795	0.31	ng	0.00
5) Phenol-d6	7.05	99	1075	0.25	ng	0.00
8) Nitrobenzene-d5	9.03	82	1066	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	1898	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	313	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	2772	0.29	ng	0.00
25) Fluoranthene-d10	19.31	212	27833	0.33	ng	0.00
29) Terphenyl-d14	19.91	244	5469	0.29	ng	0.00

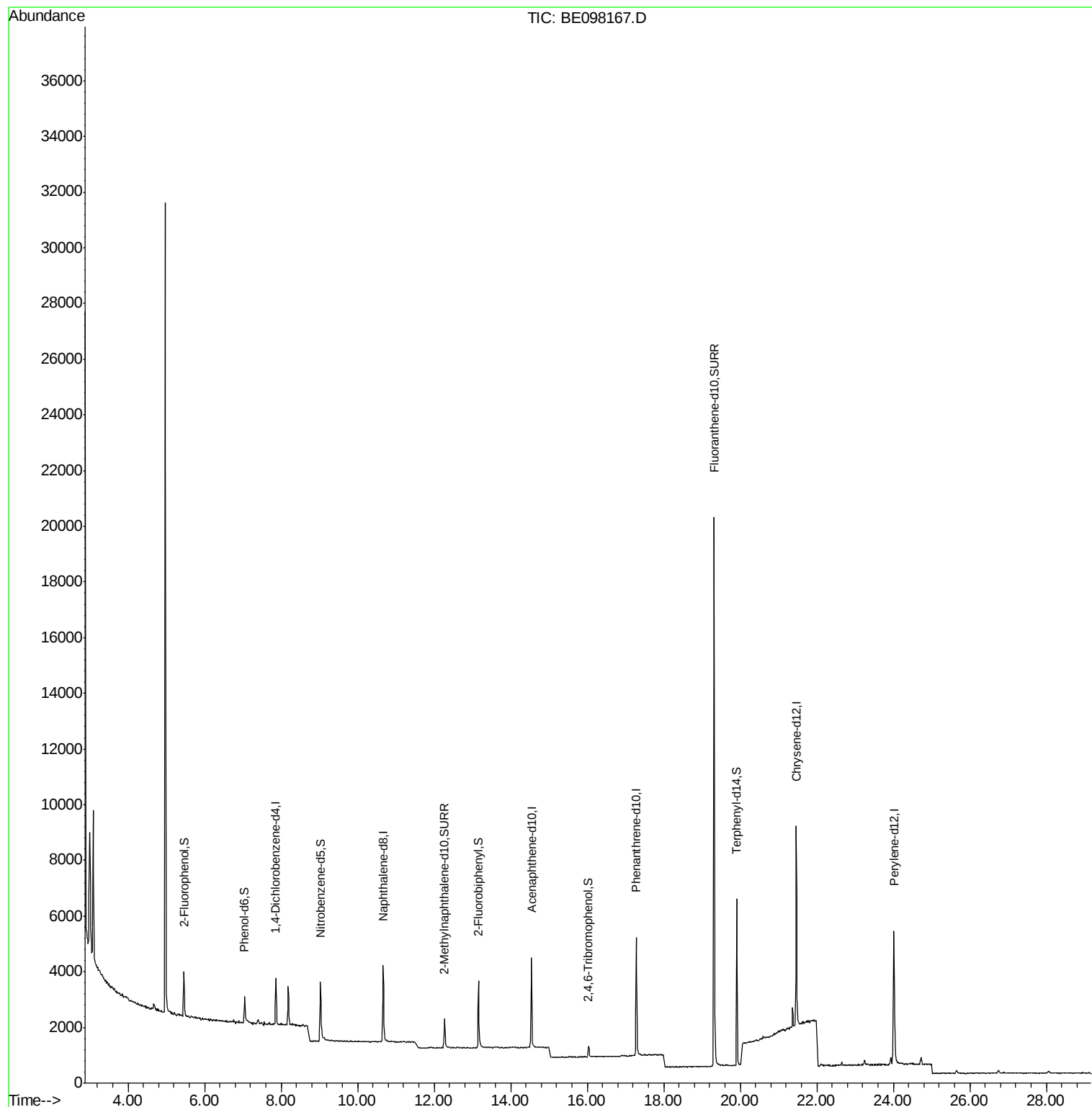
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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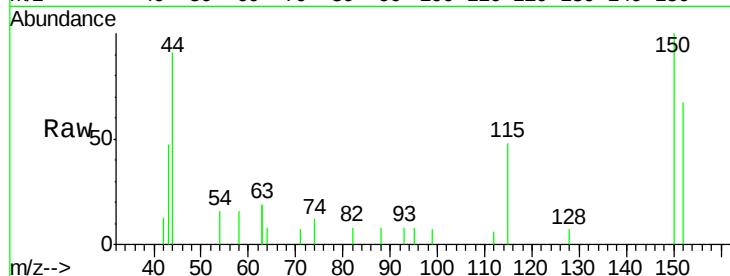


#1

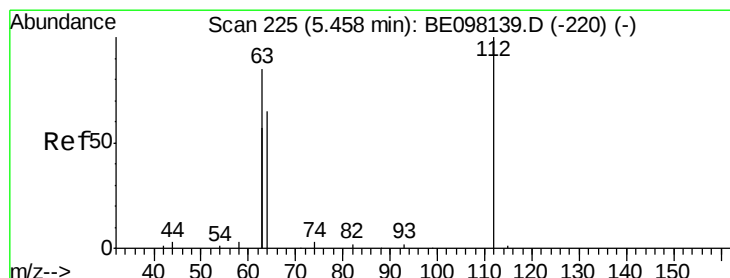
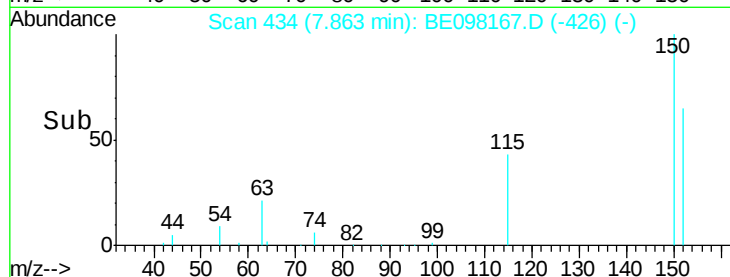
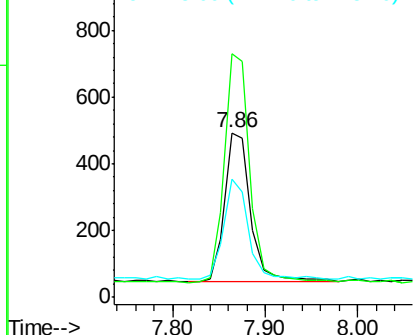
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098167.D
Acq: 7 Nov 2018 10:57

Instrument :
BNA_E
ClientSampleId :
PB114542BL

Tgt Ion:152 Resp: 871
Ion Ratio Lower Upper
152 100
150 148.2 118.2 177.4
115 71.5 50.9 76.3



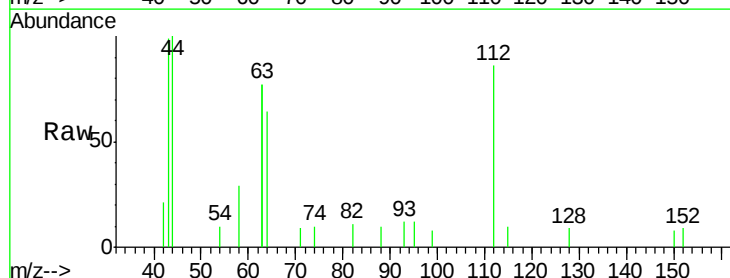
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



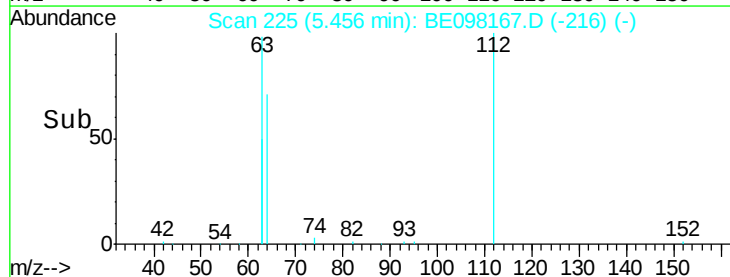
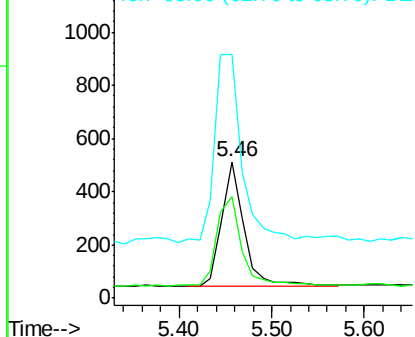
#4

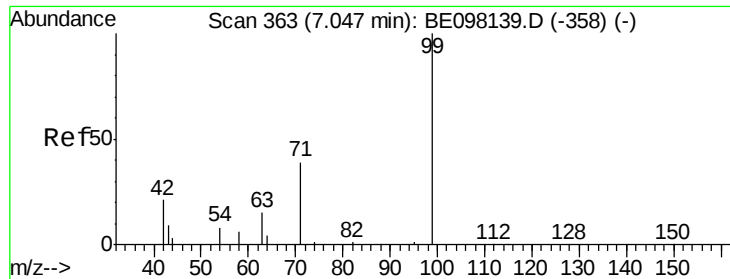
2-Fluorophenol
Concen: 0.308 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098167.D
Acq: 7 Nov 2018 10:57

Tgt Ion:112 Resp: 795
Ion Ratio Lower Upper
112 100
64 82.8 58.9 88.3
63 186.4 120.3 180.5#



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: 0.252 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098167.D

Acq: 7 Nov 2018 10:57

Instrument :

BNA_E

ClientSampleId :

PB114542BL

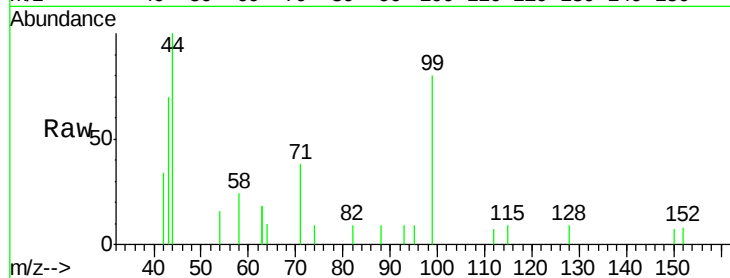
Tgt Ion: 99 Resp: 1075

Ion Ratio Lower Upper

99 100

42 27.4 19.9 29.9

71 44.7 27.8 41.8#



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

7.05

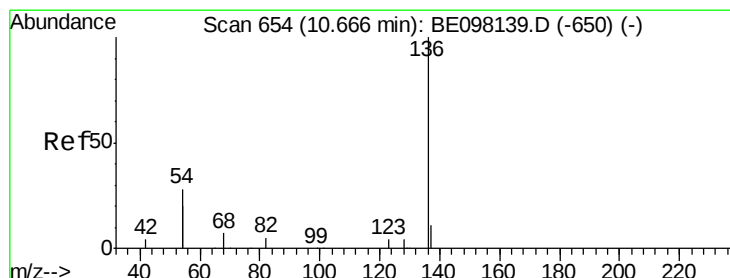
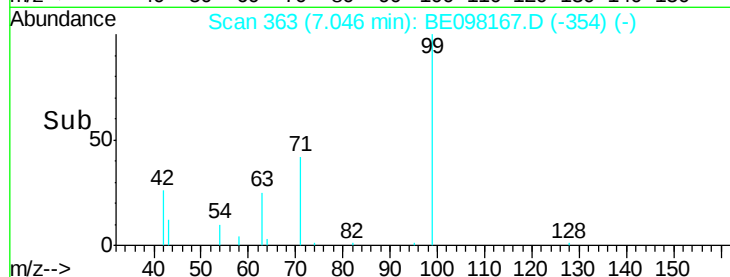
400

200

0

7.00 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098167.D

Acq: 7 Nov 2018 10:57

Tgt Ion: 136 Resp: 3495

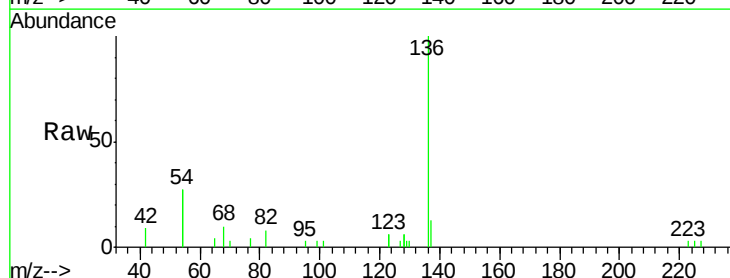
Ion Ratio Lower Upper

136 100

137 12.8 9.6 14.4

54 54.8 27.7 41.5#

68 9.7 5.3 7.9#



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

10.67

2500

2000

1500

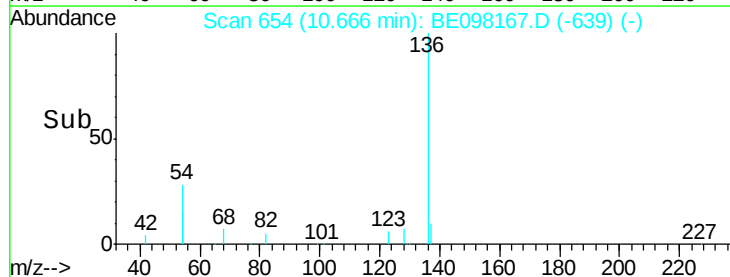
1000

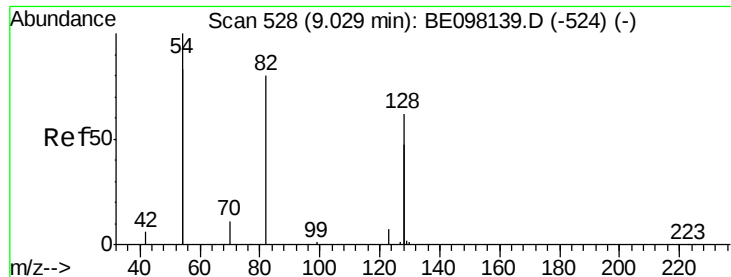
500

0

10.60 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.284 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098167.D

Acq: 7 Nov 2018 10:57

Instrument :

BNA_E

ClientSampleId :

PB114542BL

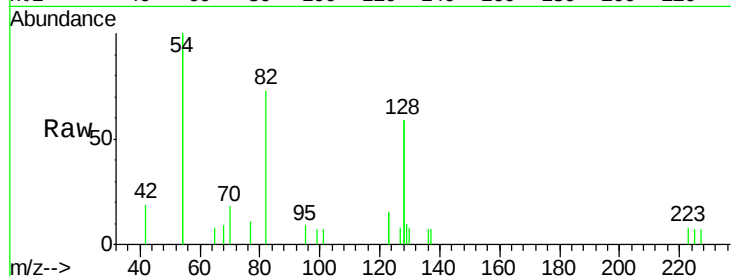
Tgt Ion: 82 Resp: 1066

Ion Ratio Lower Upper

82 100

128 163.0 129.9 194.9

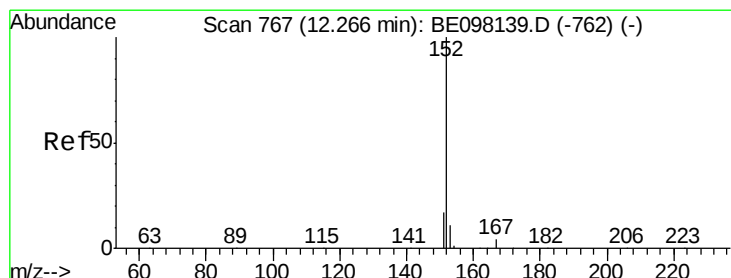
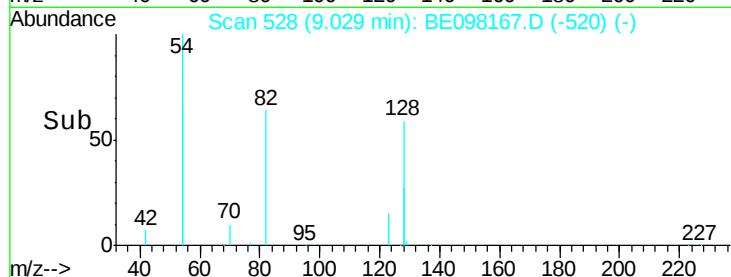
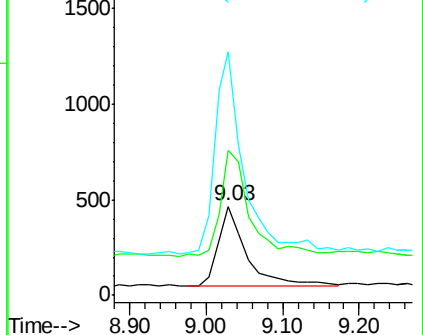
54 274.0 174.0 261.0#



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: 0.308 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098167.D

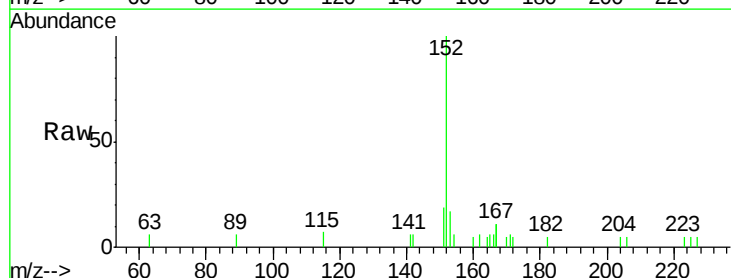
Acq: 7 Nov 2018 10:57

Tgt Ion: 152 Resp: 1898

Ion Ratio Lower Upper

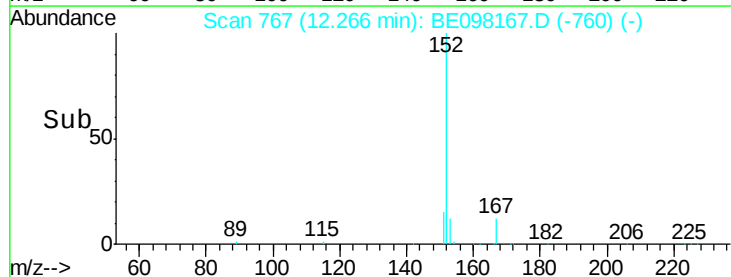
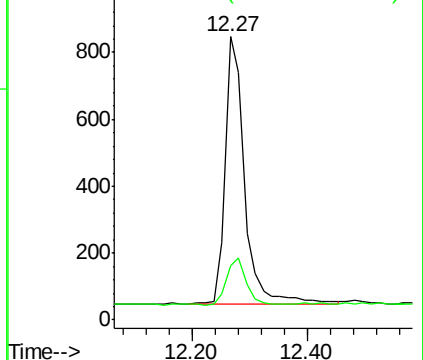
152 100

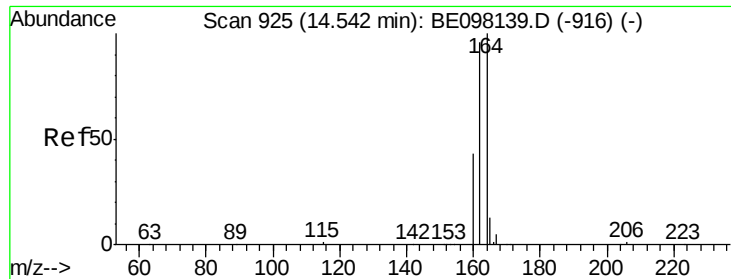
151 17.9 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

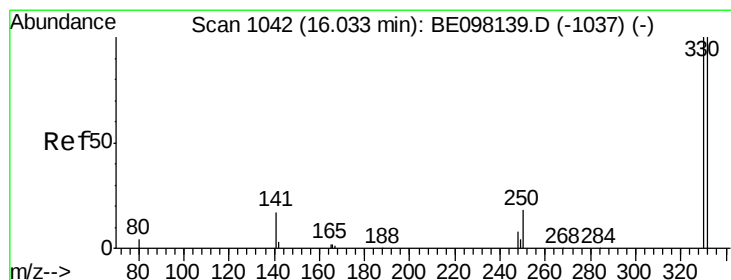
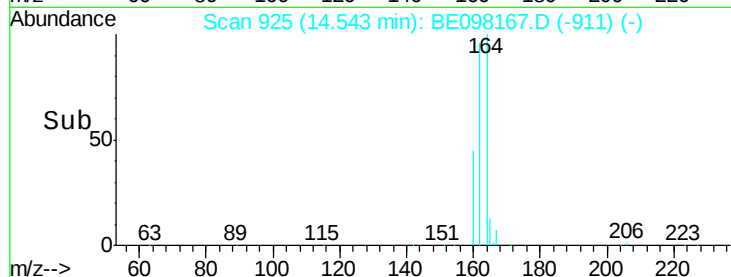
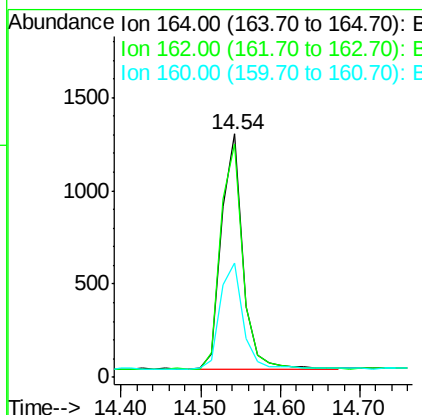
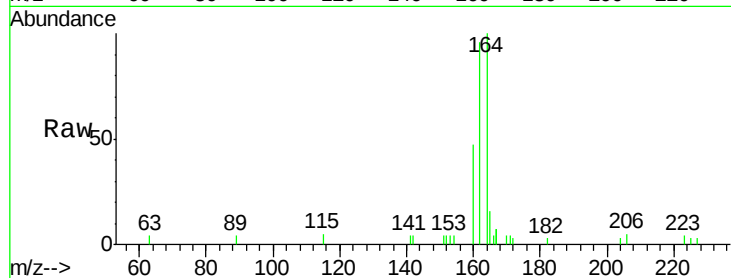




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BE098167.D
 Acq: 7 Nov 2018 10:57

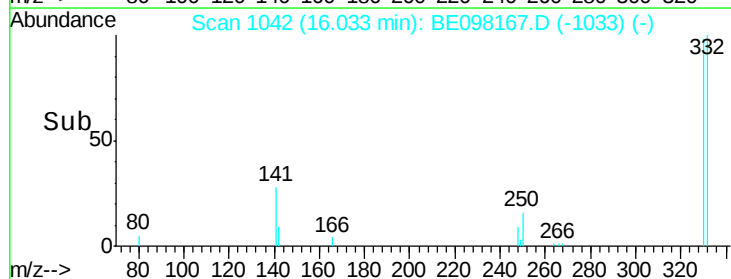
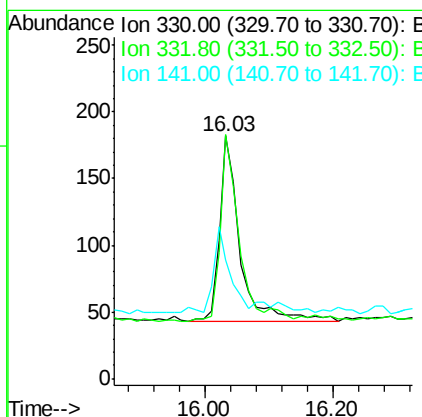
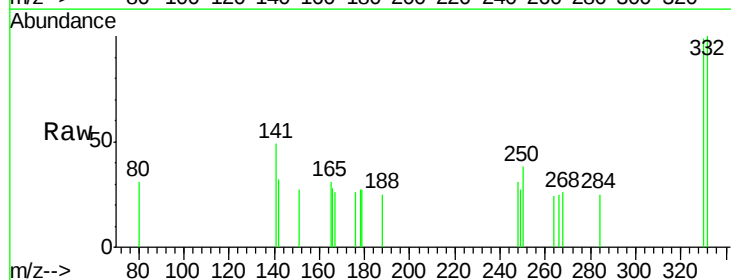
Instrument :
 BNA_E
 ClientSampleId :
 PB114542BL

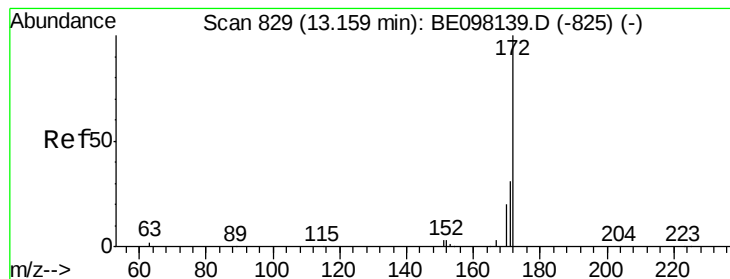
Tgt Ion:164 Resp: 2340
 Ion Ratio Lower Upper
 164 100
 162 95.7 77.4 116.2
 160 47.1 36.5 54.7



#14
 2,4,6-Tribromophenol
 Concen: 0.282 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE098167.D
 Acq: 7 Nov 2018 10:57

Tgt Ion:330 Resp: 313
 Ion Ratio Lower Upper
 330 100
 332 87.2 76.5 114.7
 141 38.3 31.8 47.6





#15

2-Fluorobiphenyl

Concen: 0.288 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BE098167.D

Acq: 7 Nov 2018 10:57

Instrument :

BNA_E

ClientSampleId :

PB114542BL

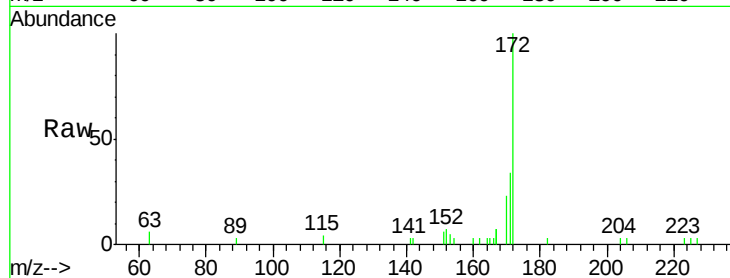
Tgt Ion:172 Resp: 2772

Ion Ratio Lower Upper

172 100

171 34.0 26.0 39.0

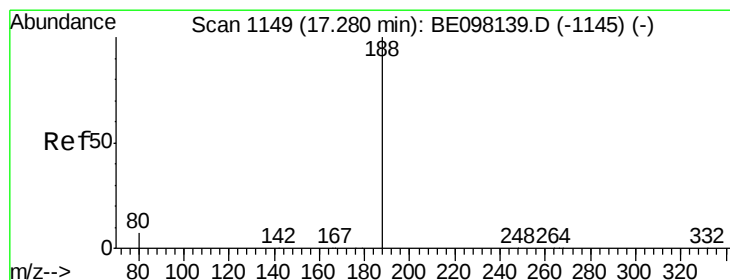
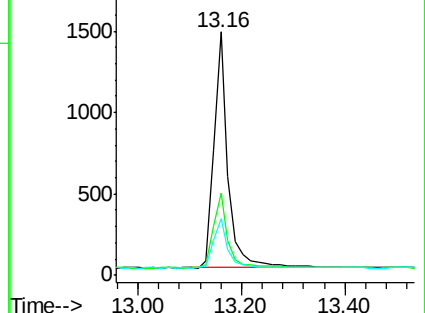
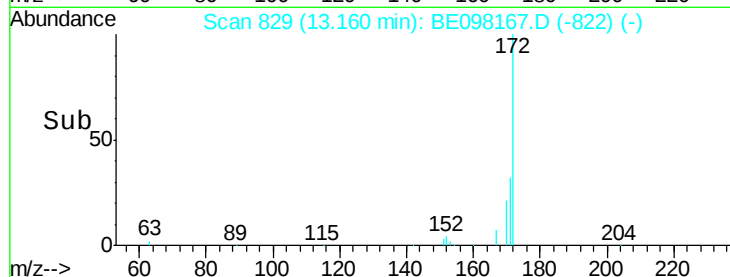
170 23.4 18.0 27.0



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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098167.D

Acq: 7 Nov 2018 10:57

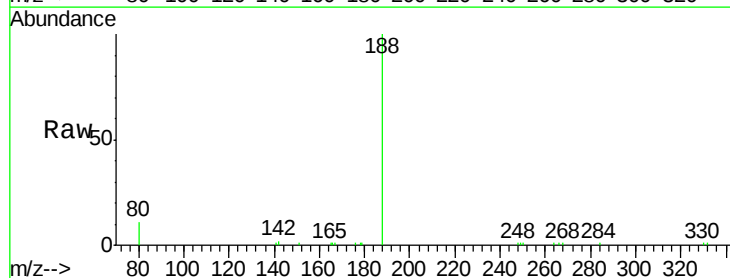
Tgt Ion:188 Resp: 6623

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

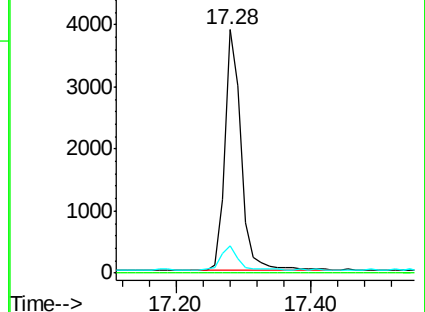
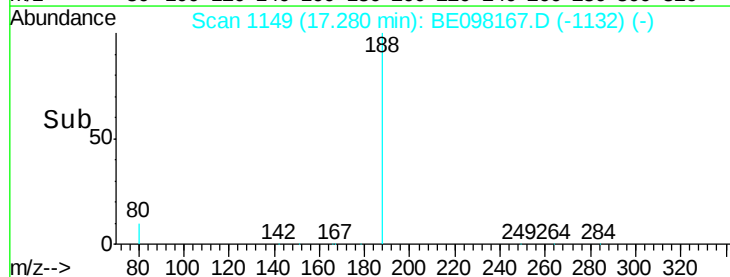
80 11.0 6.3 9.5#

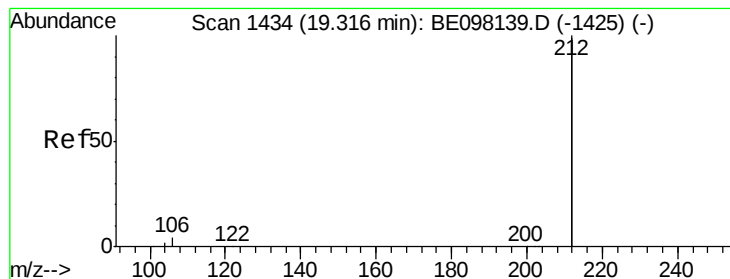


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.326 ng

RT: 19.31 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BE098167.D

Acq: 7 Nov 2018 10:57

Instrument :

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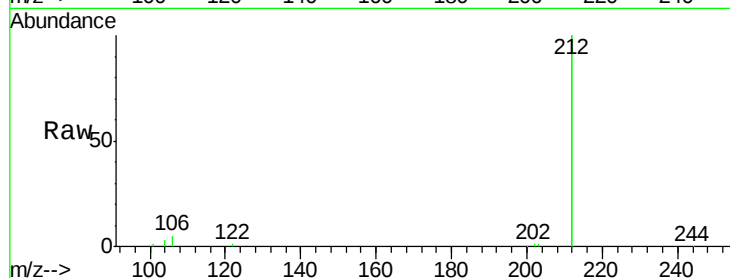
Tgt Ion:212 Resp: 27833

Ion Ratio Lower Upper

212 100

106 2.2 2.3 3.5#

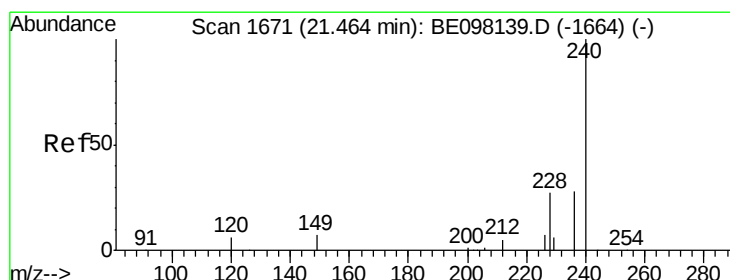
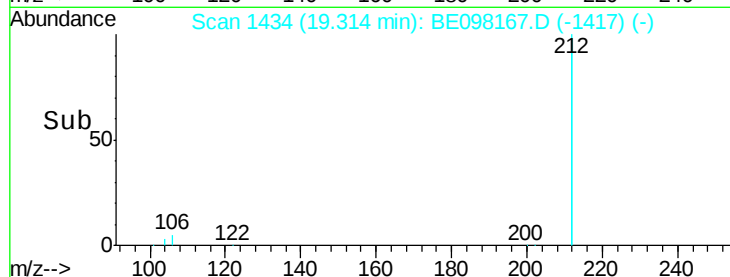
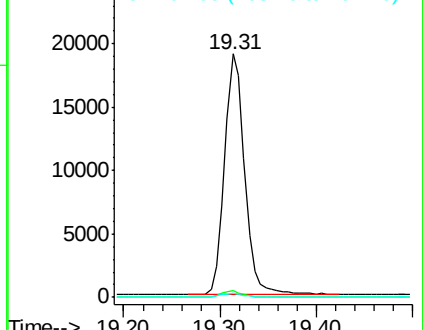
104 1.3 1.3 1.9



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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098167.D

Acq: 7 Nov 2018 10:57

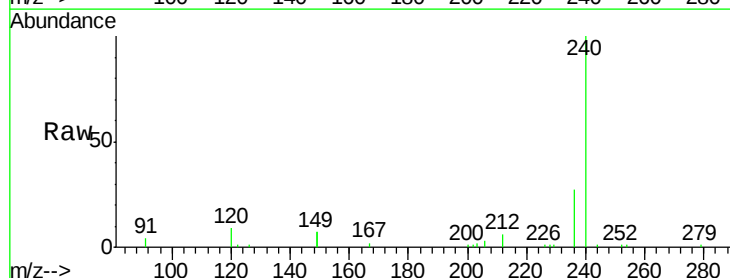
Tgt Ion:240 Resp: 8039

Ion Ratio Lower Upper

240 100

120 8.6 7.1 10.7

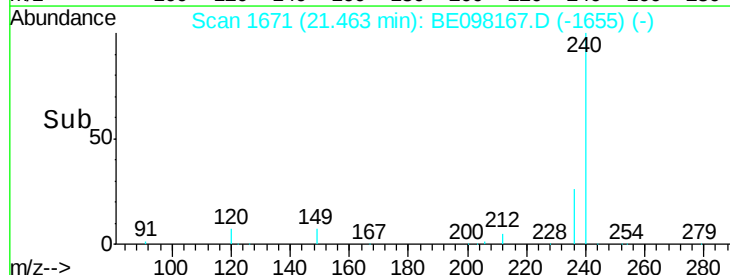
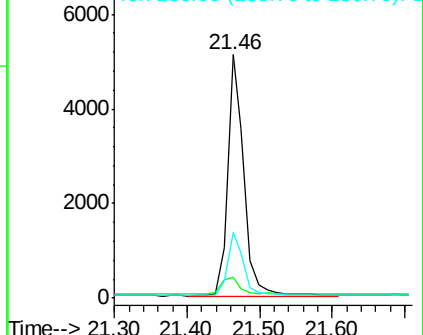
236 27.0 21.3 31.9

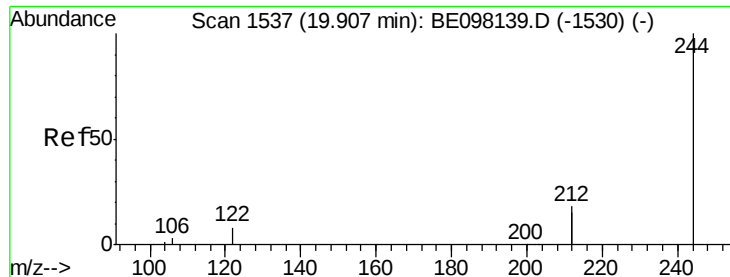


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.293 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BE098167.D

Acq: 7 Nov 2018 10:57

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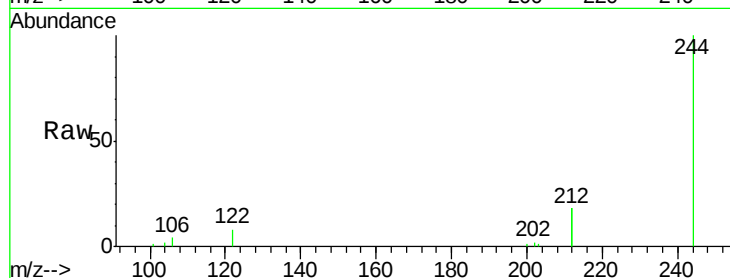
Tgt Ion:244 Resp: 5469

Ion Ratio Lower Upper

244 100

212 36.7 26.2 39.2

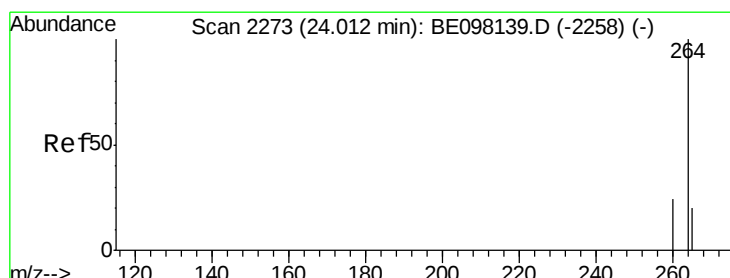
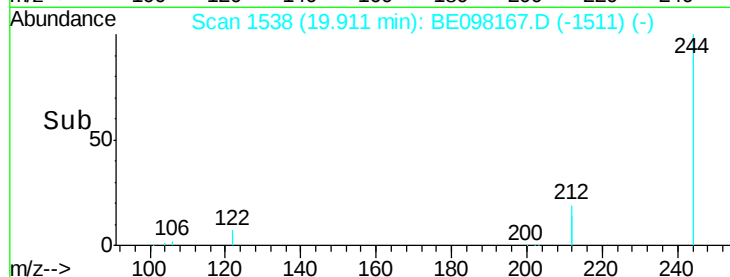
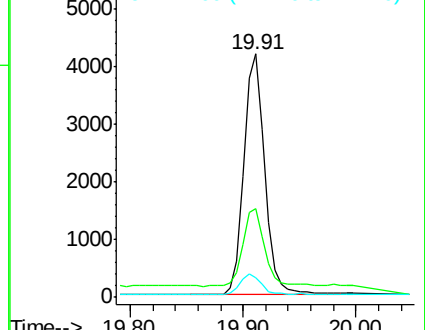
122 8.1 7.7 11.5



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: 24.02 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098167.D

Acq: 7 Nov 2018 10:57

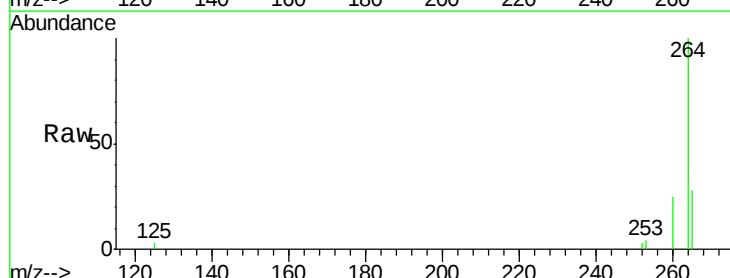
Tgt Ion:264 Resp: 7702

Ion Ratio Lower Upper

264 100

260 25.1 21.1 31.7

265 28.2 29.2 43.8#



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

