

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111318\
 Data File : BE098221.D
 Acq On : 13 Nov 2018 22:47
 Operator : SJ/JU
 Sample : PB114778BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB114778BL

Quant Time: Nov 14 00:43:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	965	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4142	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2688	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7870	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9200	0.40	ng	0.00
34) Perylene-d12	24.01	264	8626	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	1039	0.38	ng	0.00
5) Phenol-d6	7.04	99	1423	0.33	ng	0.00
8) Nitrobenzene-d5	9.03	82	1420	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2472	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	373	0.32	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	3680	0.33	ng	0.01
25) Fluoranthene-d10	19.31	212	39230	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	8331	0.40	ng	0.00

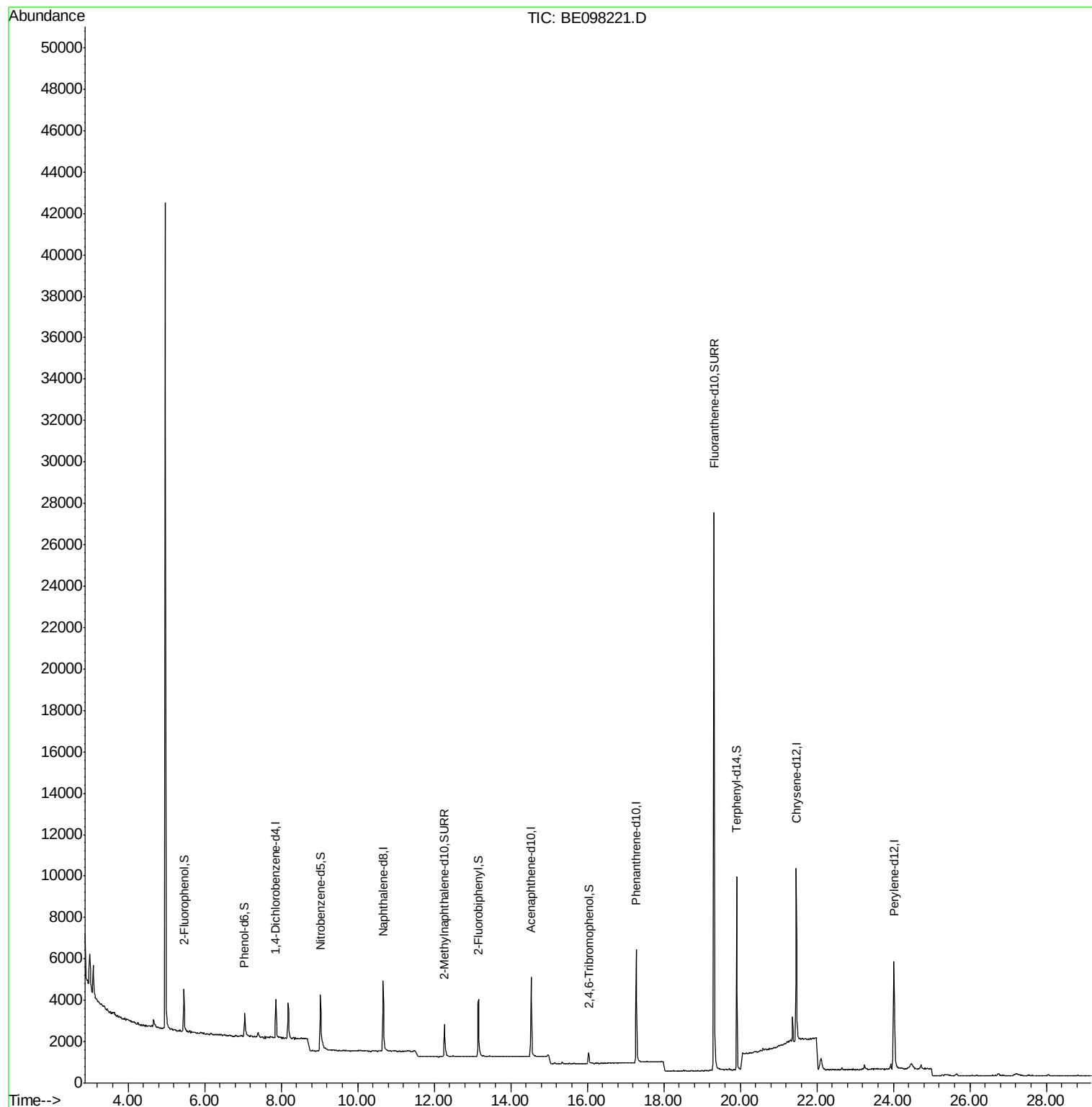
Target Compounds	Qvalue
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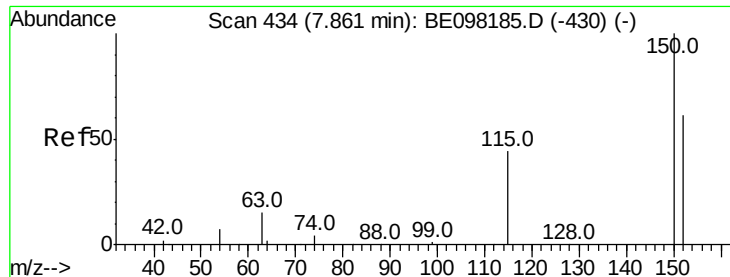
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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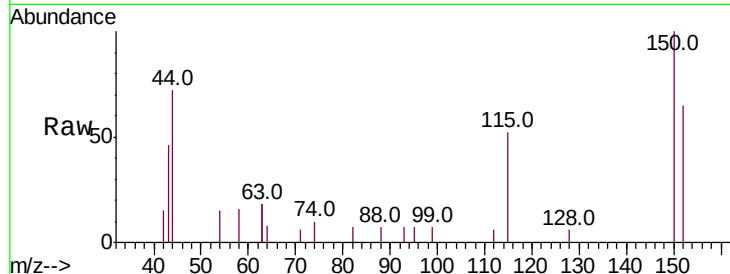


#1

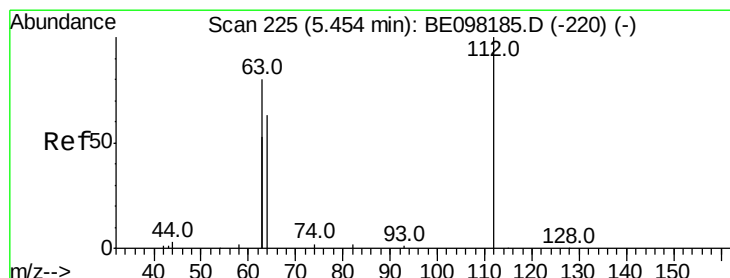
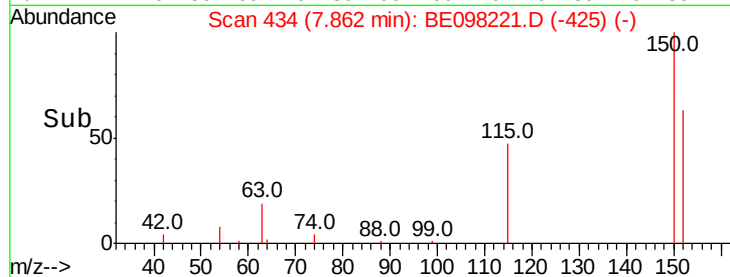
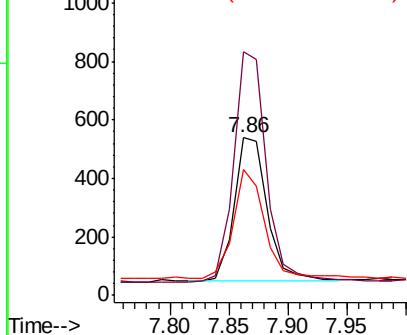
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098221.D
Acq: 13 Nov 2018 22:47

Instrument :
BNA_E
ClientSampleId :
PB114778BL

Tot Ion:152 Resp: 965
Ion Ratio Lower Upper
152 100
150 154.8 127.5 191.3
115 79.9 60.3 90.5



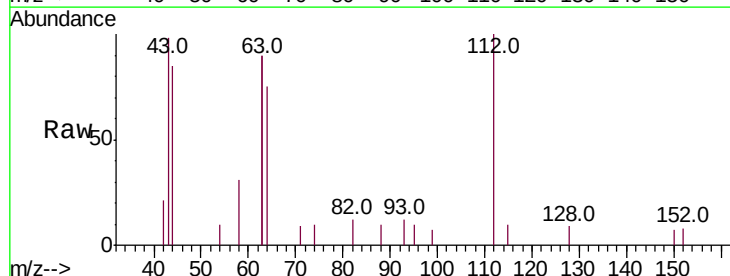
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



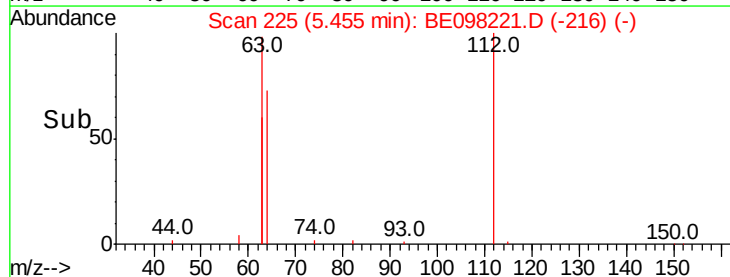
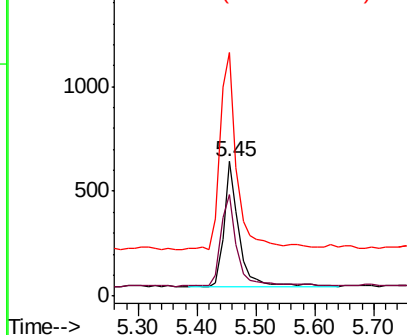
#4

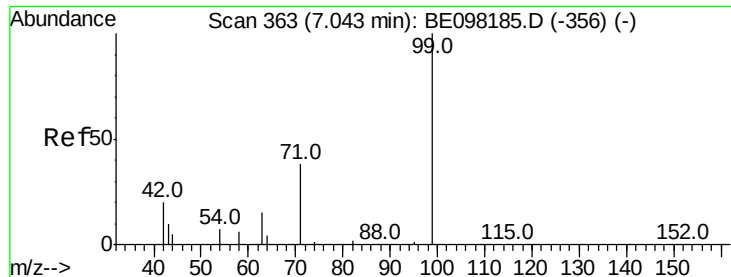
2-Fluorophenol
Concen: 0.381 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE098221.D
Acq: 13 Nov 2018 22:47

Tgt Ion:112 Resp: 1039
Ion Ratio Lower Upper
112 100
64 78.0 61.7 92.5
63 178.6 136.2 204.2



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: 0.325 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098221.D

Acq: 13 Nov 2018 22:47

Instrument :

BNA_E

ClientSampleId :

PB114778BL

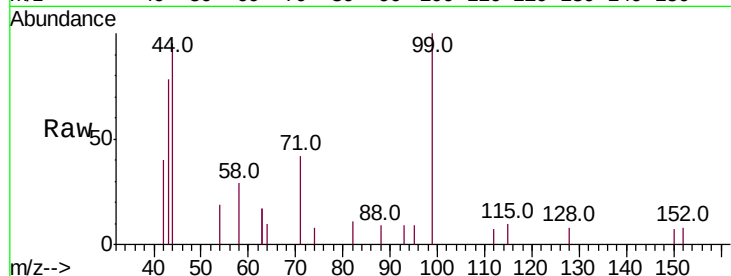
Tot Ion: 99 Resp: 1423

Ion Ratio Lower Upper

99 100

42 30.9 27.1 40.7

71 41.6 37.0 55.6



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

7.04

600

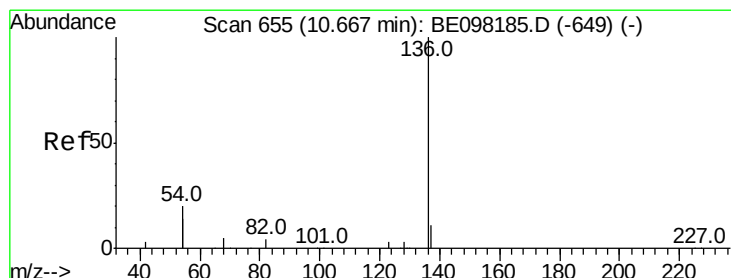
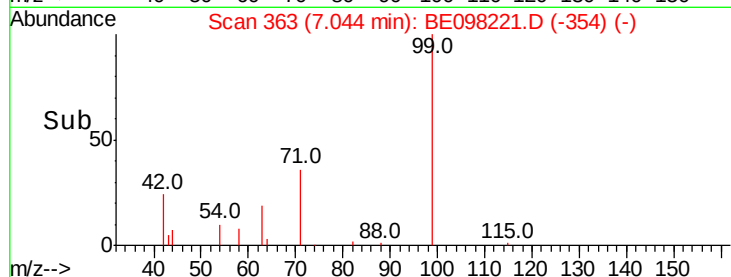
400

200

0

6.90 7.00 7.10 7.20 7.30

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098221.D

Acq: 13 Nov 2018 22:47

Tgt Ion: 136 Resp: 4142

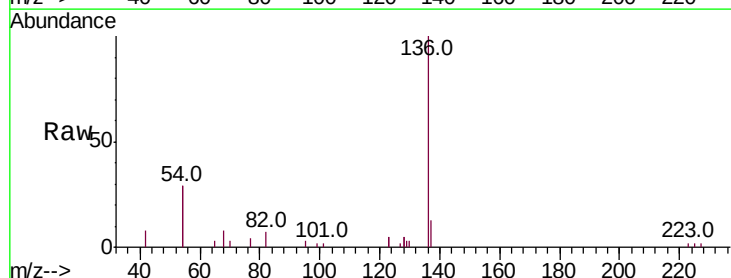
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 57.3 31.3 46.9#

68 8.3 4.8 7.2#



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

3000

2500

2000

1500

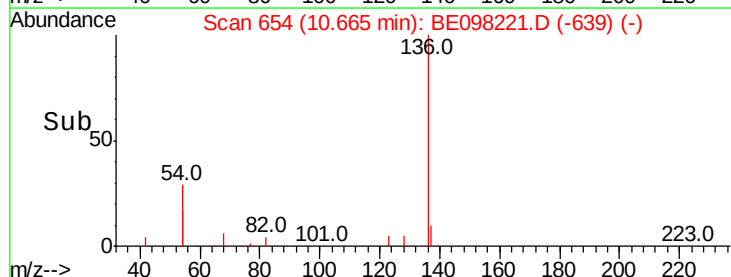
1000

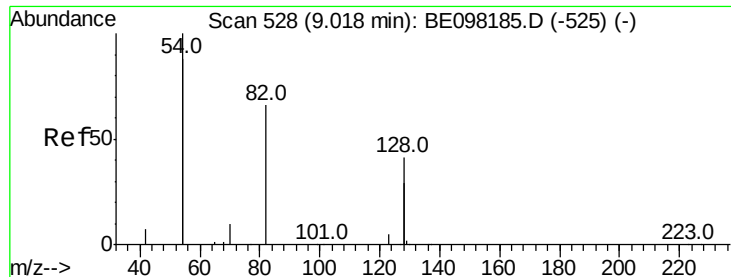
500

0

10.60 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.344 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098221.D

Acq: 13 Nov 2018 22:47

Instrument :

BNA_E

ClientSampleId :

PB114778BL

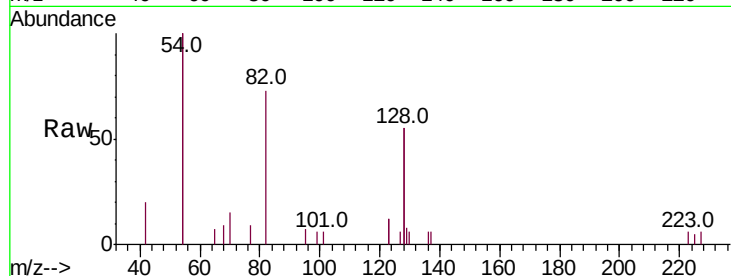
Tot Ion: 82 Resp: 1420

Ion Ratio Lower Upper

82 100

128 149.0 96.1 144.1#

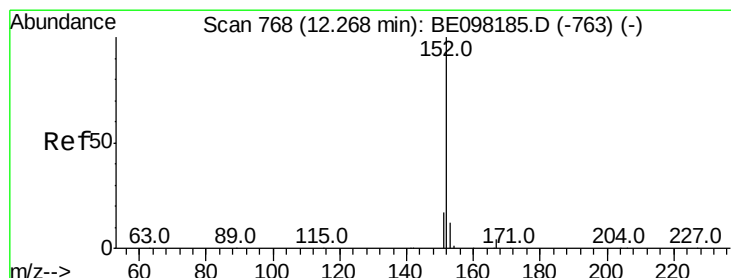
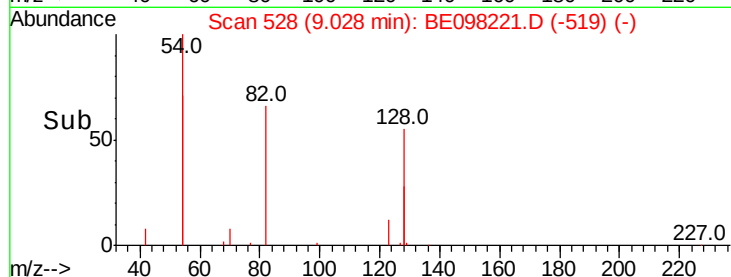
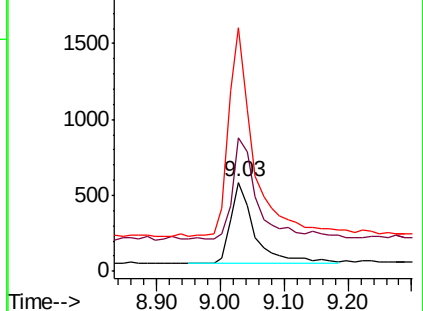
54 272.8 232.0 348.0



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: 0.340 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098221.D

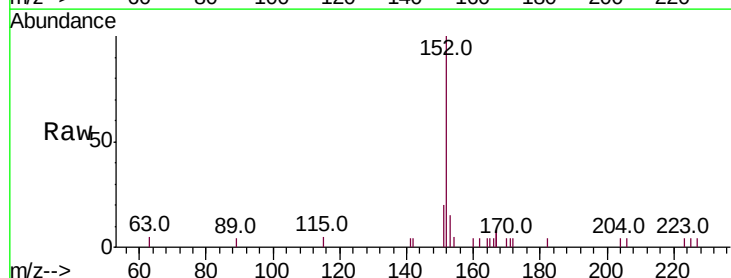
Acq: 13 Nov 2018 22:47

Tgt Ion: 152 Resp: 2472

Ion Ratio Lower Upper

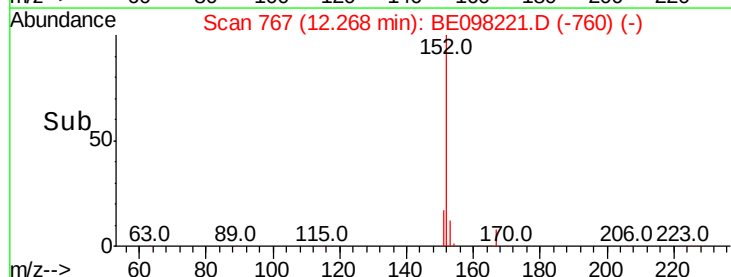
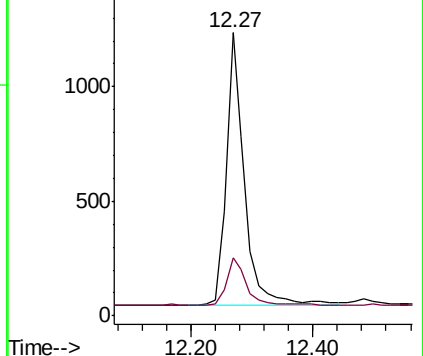
152 100

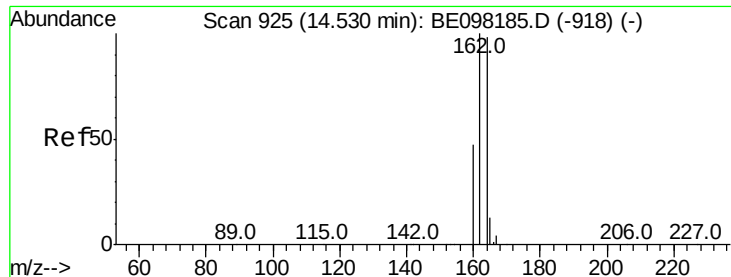
151 19.1 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

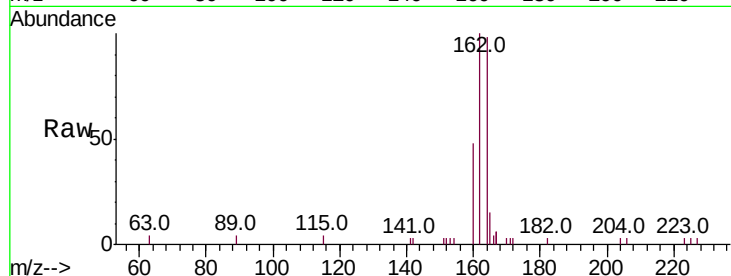




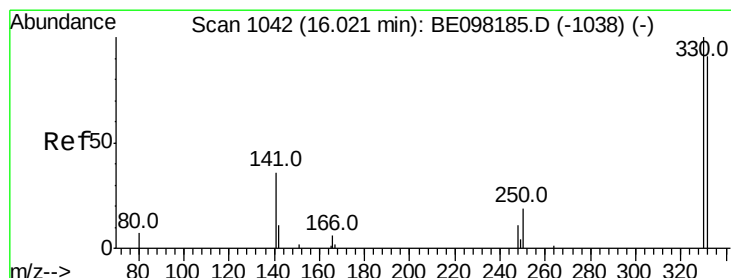
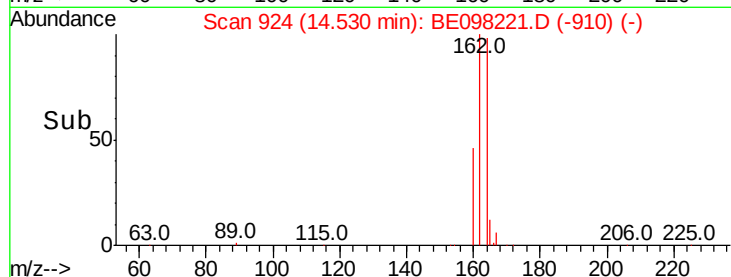
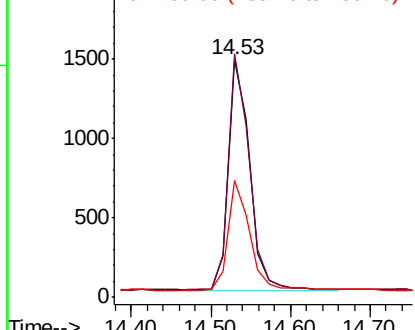
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098221.D
 Acq: 13 Nov 2018 22:47

Instrument :
 BNA_E
 ClientSampleId :
 PB114778BL

Tot Ion:164 Resp: 2688
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.8 122.6
 160 48.9 39.4 59.0

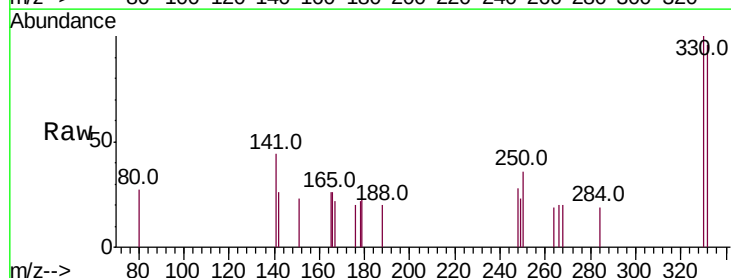


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

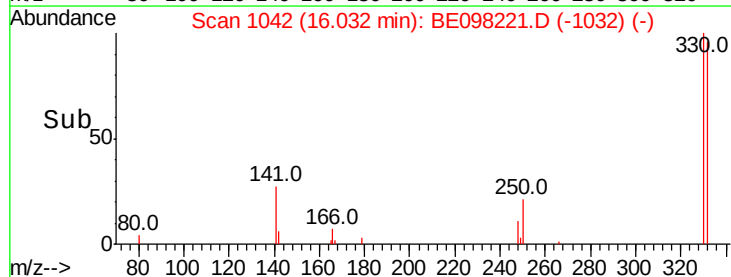
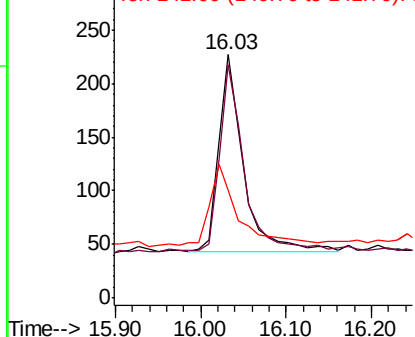


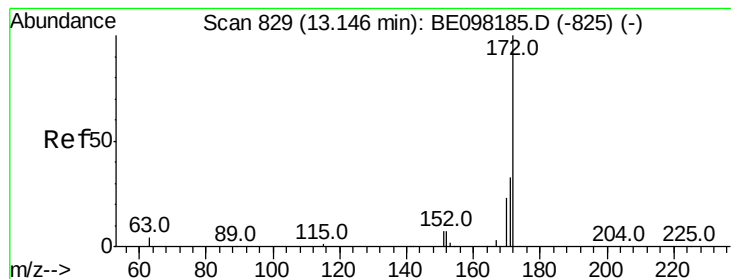
#14
 2,4,6-Tribromophenol
 Concen: 0.318 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098221.D
 Acq: 13 Nov 2018 22:47

Tgt Ion:330 Resp: 373
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.7 116.5
 141 47.5 33.6 50.4



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

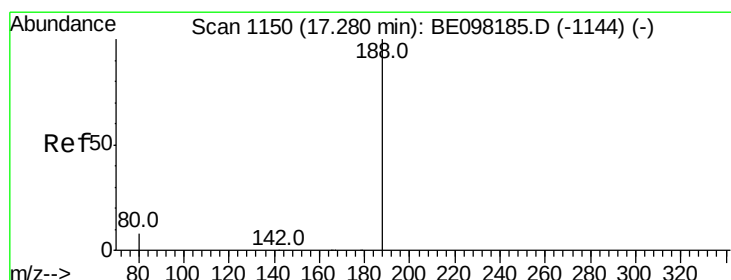
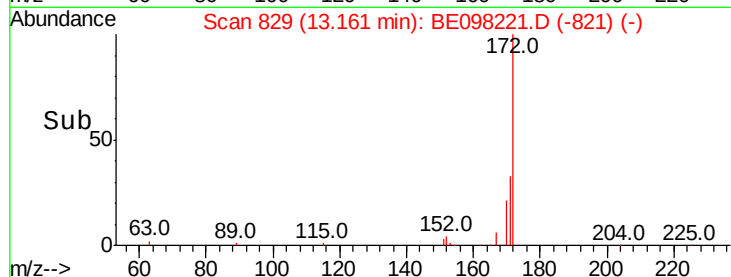
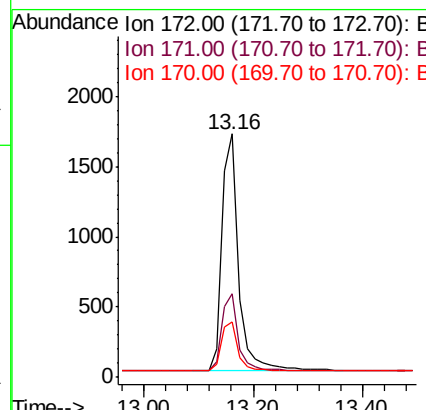
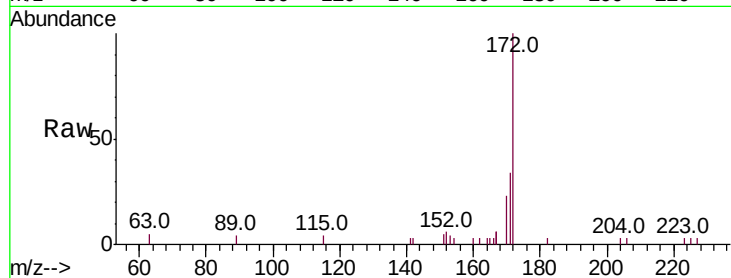




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098221.D
Acq: 13 Nov 2018 22:47

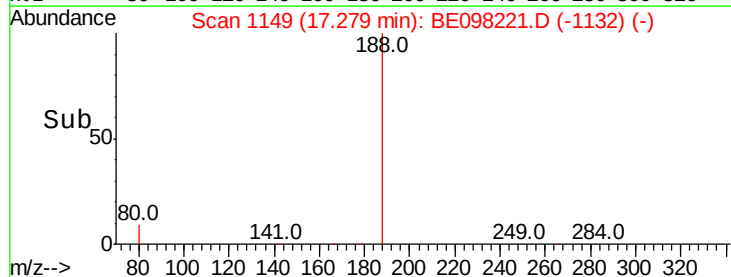
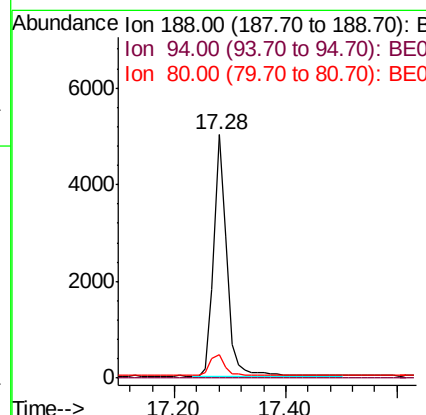
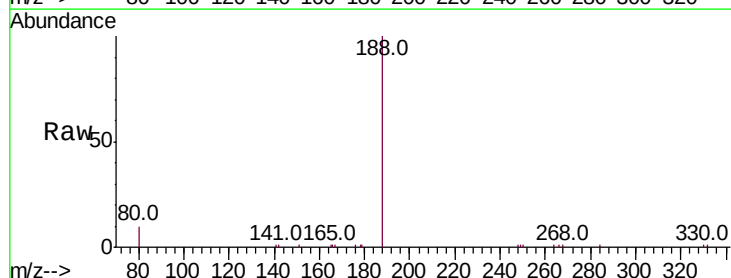
Instrument :
BNA_E
ClientSampleId :
PB114778BL

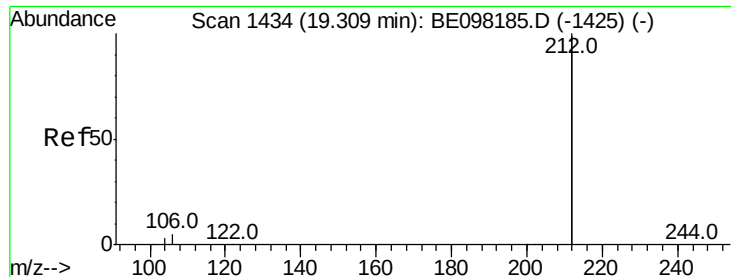
Tot Ion:172 Resp: 3680
Ion Ratio Lower Upper
172 100
171 34.4 27.3 40.9
170 22.7 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098221.D
Acq: 13 Nov 2018 22:47

Tgt Ion:188 Resp: 7870
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 6.7 10.1





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098221.D

Acq: 13 Nov 2018 22:47

Instrument :

BNA_E

ClientSampleId :

PB114778BL

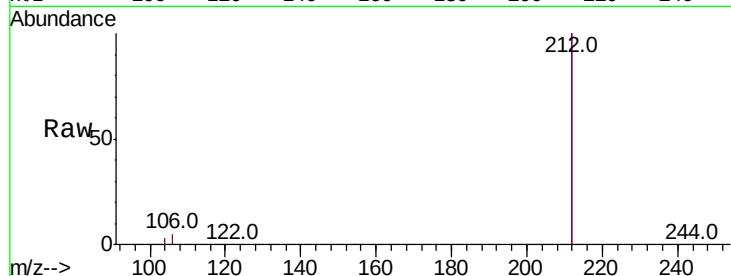
Tot Ion:212 Resp: 39230

Ion Ratio Lower Upper

212 100

106 2.6 1.8 2.8

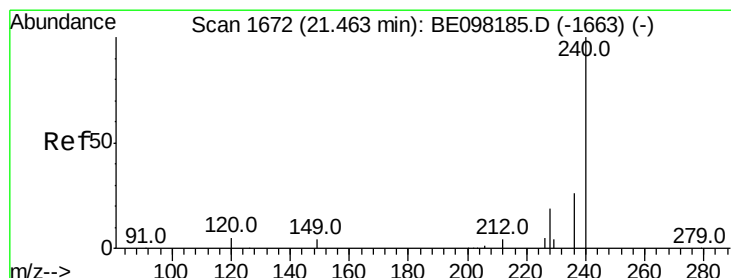
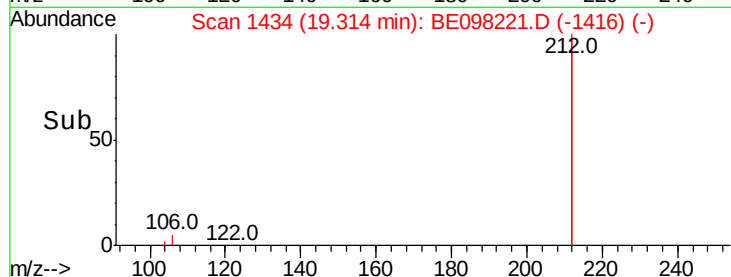
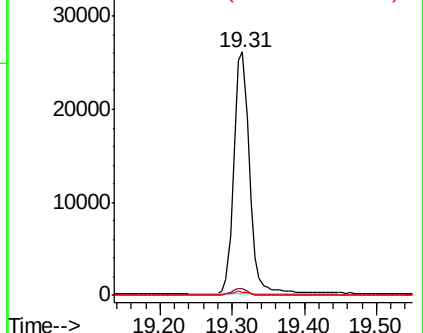
104 1.4 1.1 1.7



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: BE098221.D

Acq: 13 Nov 2018 22:47

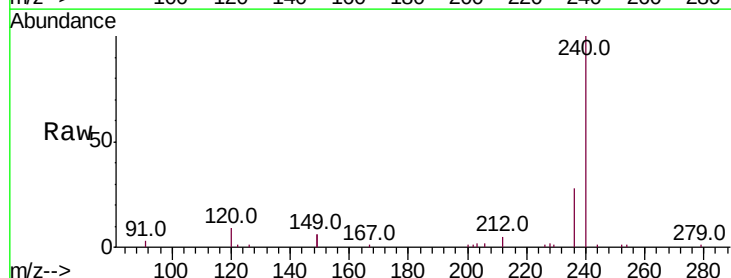
Tgt Ion:240 Resp: 9200

Ion Ratio Lower Upper

240 100

120 9.0 4.8 7.2#

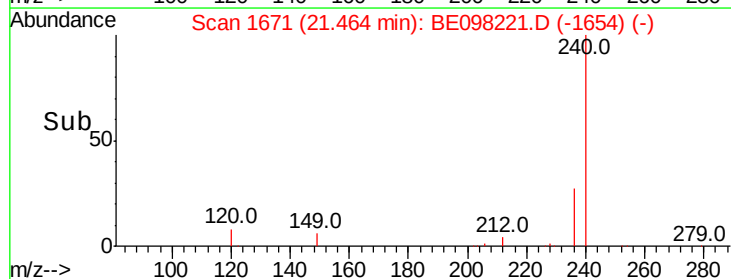
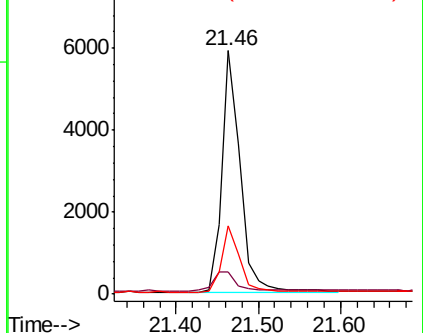
236 28.0 21.4 32.0

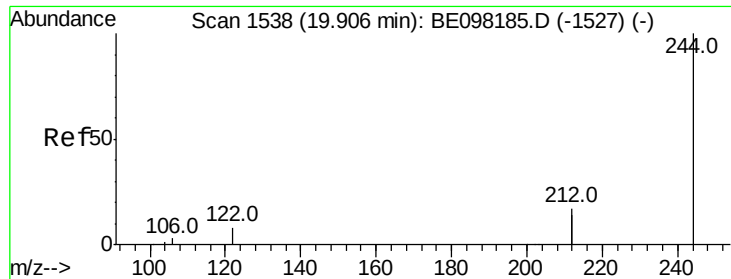


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.399 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098221.D

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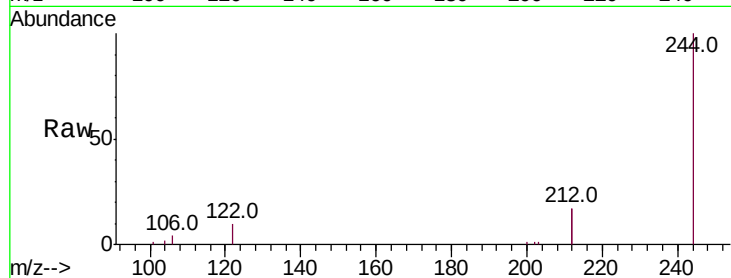
Tot Ion:244 Resp: 8331

Ion Ratio Lower Upper

244 100

212 34.8 26.8 40.2

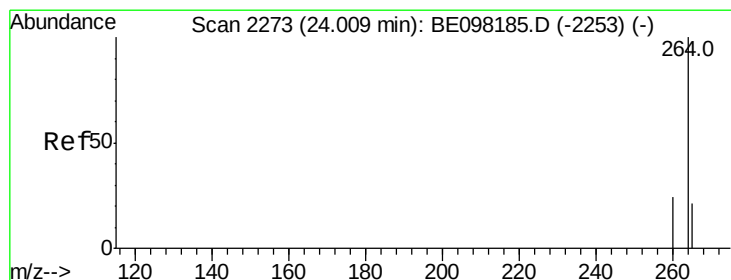
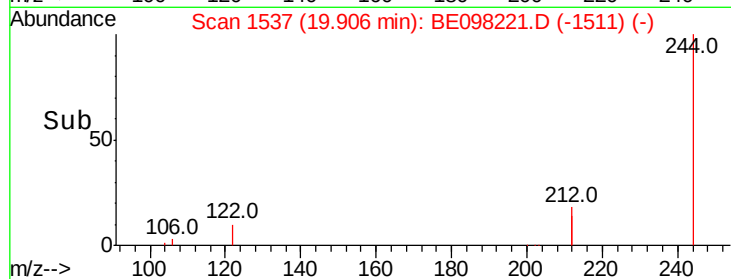
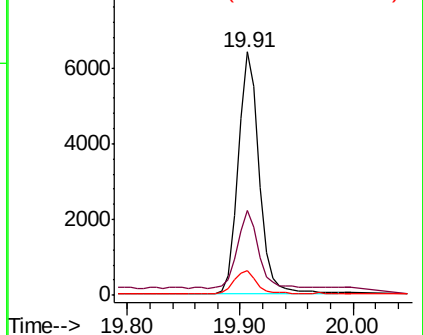
122 10.4 7.0 10.6



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: 24.01 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE098221.D

Acq: 13 Nov 2018 22:47

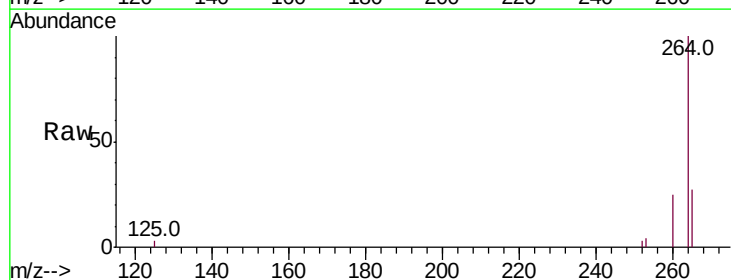
Tgt Ion:264 Resp: 8626

Ion Ratio Lower Upper

264 100

260 25.4 19.9 29.9

265 27.3 21.3 31.9



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

