

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101718\
 Data File : BE097952.D
 Acq On : 17 Oct 2018 18:17
 Operator : SJ/JU
 Sample : PB113898BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113898BL

Quant Time: Oct 18 10:42:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1611	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	6371	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	3705	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	9236	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	14958	0.40	ng	-0.01
34) Perylene-d12	24.03	264	16244	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1331	0.26	ng	0.00
5) Phenol-d6	7.06	99	1703	0.23	ng	0.00
8) Nitrobenzene-d5	9.04	82	1339	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	2415	0.23	ng	-0.01
14) 2,4,6-Tribromophenol	16.06	330	304	0.15	ng	0.01
15) 2-Fluorobiphenyl	13.17	172	3516	0.23	ng	0.00
25) Fluoranthene-d10	19.33	212	30022	0.24	ng	0.00
29) Terphenyl-d14	19.92	244	8733	0.25	ng	0.00

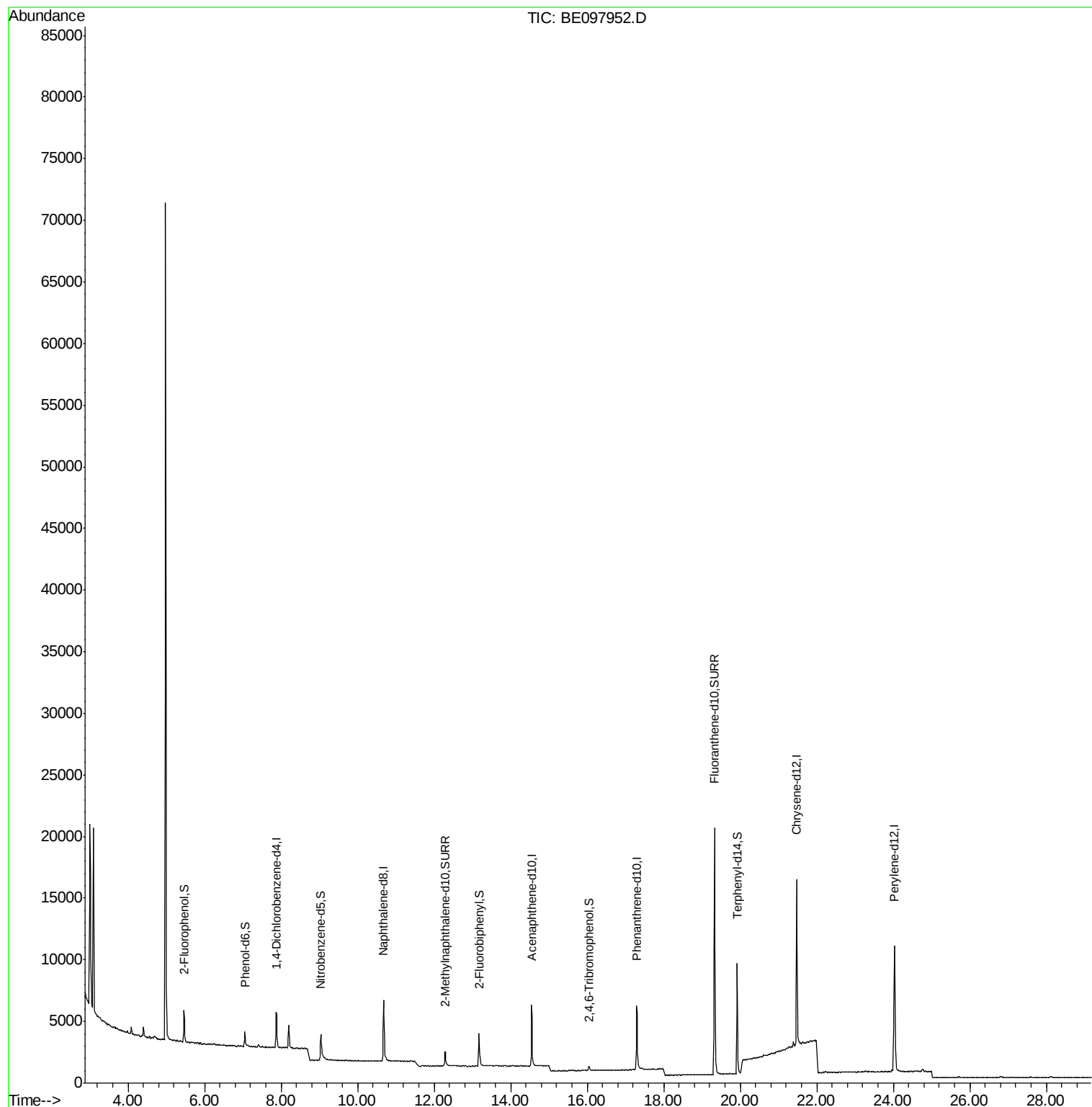
Target Compounds Qvalue

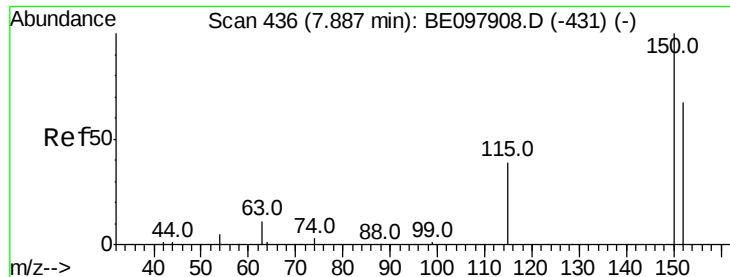
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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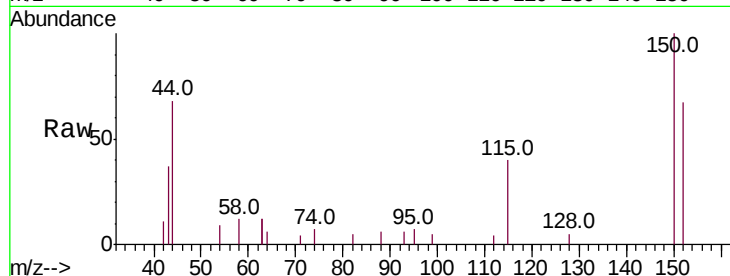


#1

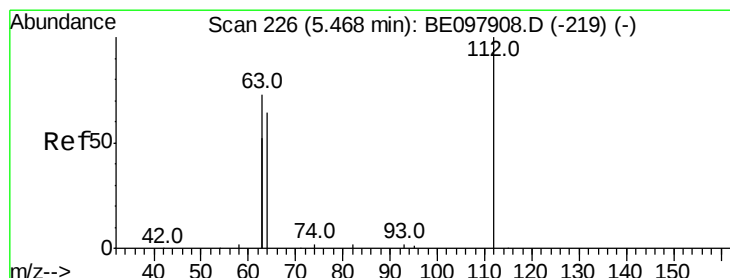
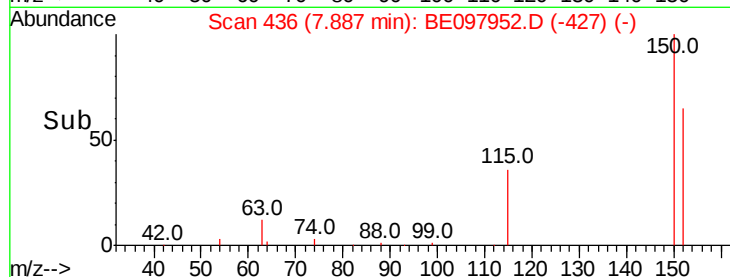
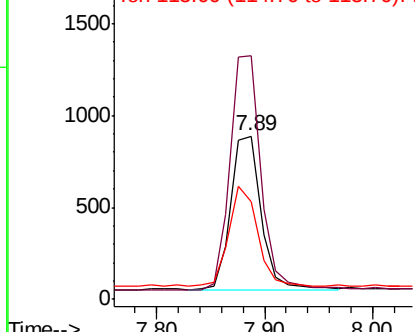
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.89 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BE097952.D
 Acq: 17 Oct 2018 18:17

Instrument :
 BNA_E
 ClientSampleId :
 PB113898BL

Tot Ion:152 Resp: 1611
 Ion Ratio Lower Upper
 152 100
 150 149.4 118.2 177.4
 115 60.1 50.9 76.3



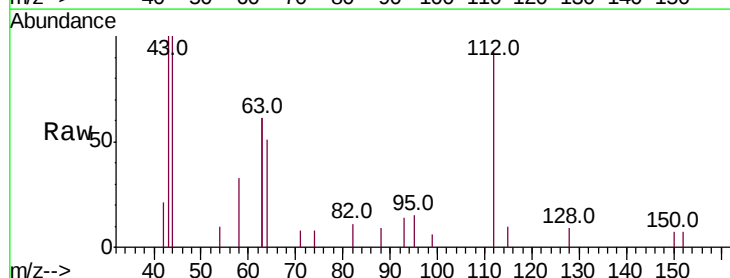
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



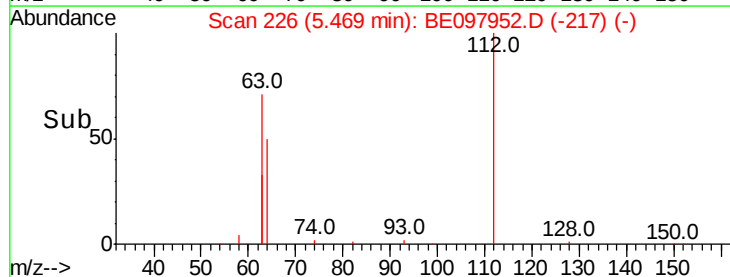
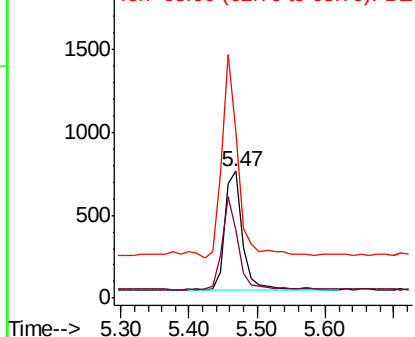
#4

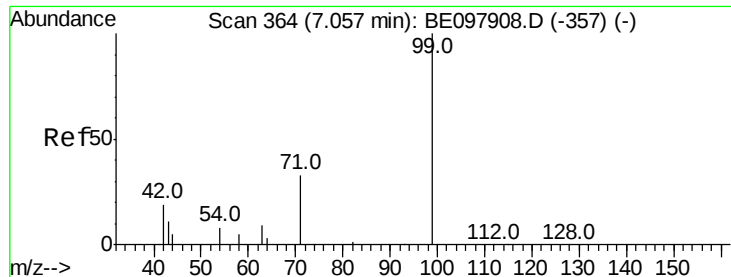
2-Fluorophenol
 Concen: 0.262 ng
 RT: 5.47 min Scan# 226
 Delta R.T. 0.00 min
 Lab File: BE097952.D
 Acq: 17 Oct 2018 18:17

Tgt Ion:112 Resp: 1331
 Ion Ratio Lower Upper
 112 100
 64 69.7 58.9 88.3
 63 157.3 120.3 180.5



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: 0.227 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE097952.D

Acq: 17 Oct 2018 18:17

Instrument :

BNA_E

ClientSampleId :

PB113898BL

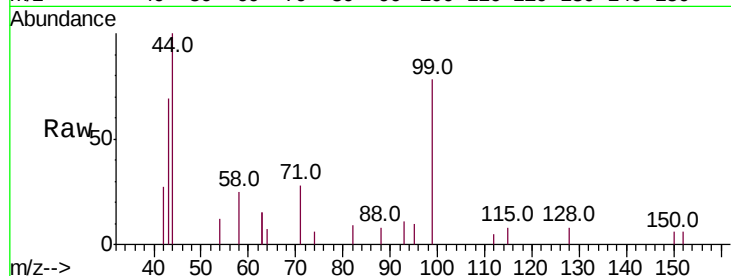
Tot Ion: 99 Resp: 1703

Ion Ratio Lower Upper

99 100

42 22.4 19.9 29.9

71 32.5 27.8 41.8



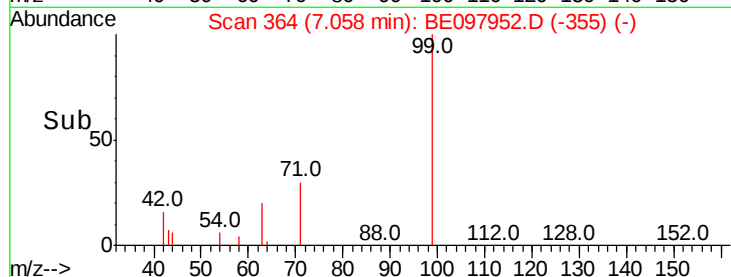
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

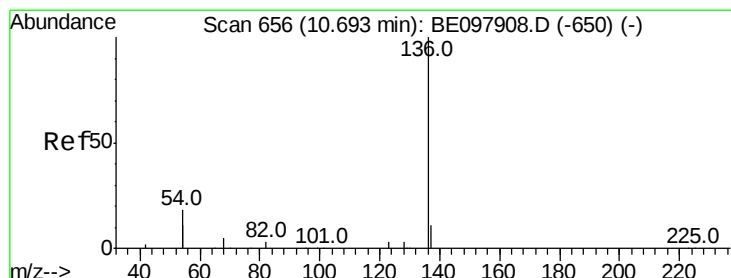
7.06

Time-->



7.06

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097952.D

Acq: 17 Oct 2018 18:17

Tgt Ion: 136 Resp: 6371

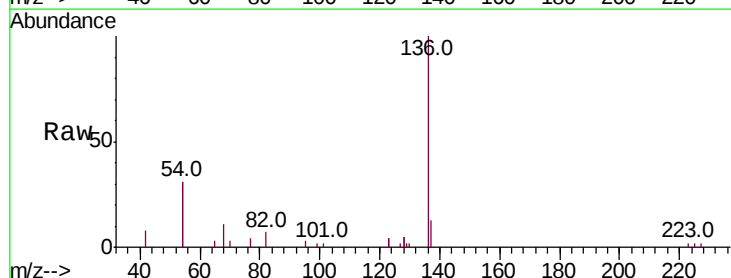
Ion Ratio Lower Upper

136 100

137 12.8 9.6 14.4

54 62.5 27.7 41.5#

68 11.2 5.3 7.9#



Abundance Ion 136.00 (135.70 to 136.70): E

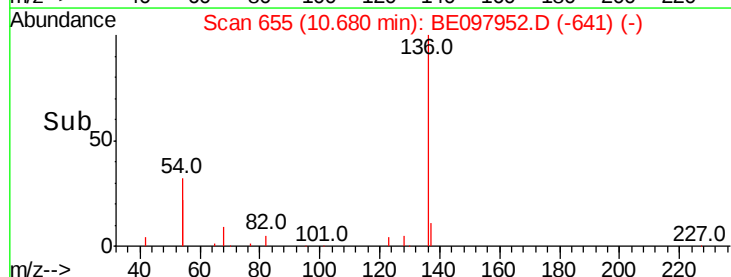
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

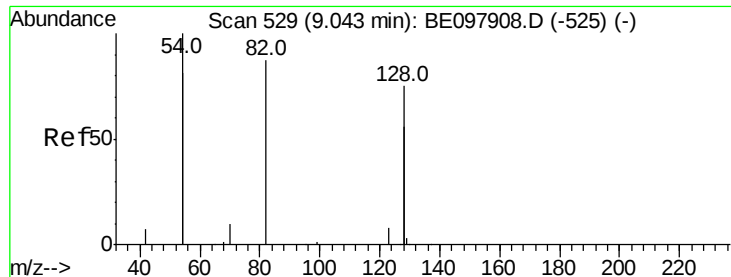
10.68

Time-->



10.68

Time-->



#8

Nitrobenzene-d5

Concen: 0.222 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097952.D

Acq: 17 Oct 2018 18:17

Instrument :

BNA_E

ClientSampleId :

PB113898BL

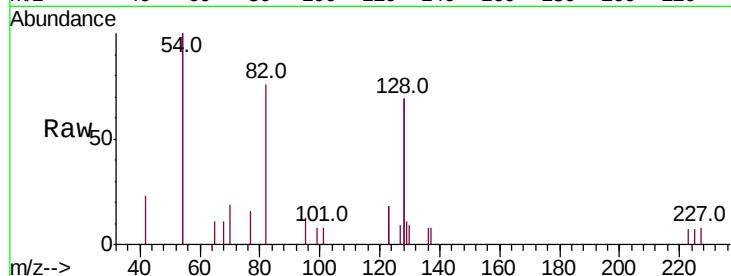
Tot Ion: 82 Resp: 1339

Ion Ratio Lower Upper

82 100

128 180.6 129.9 194.9

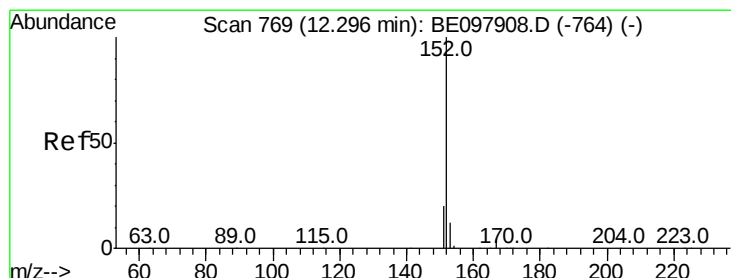
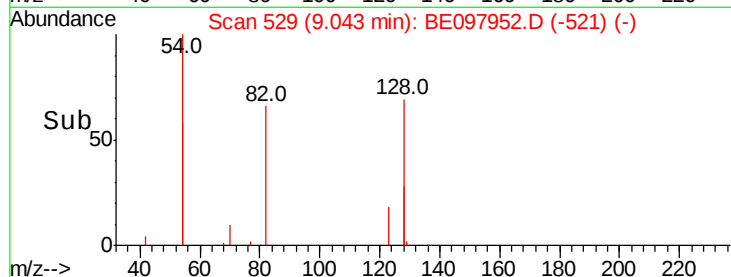
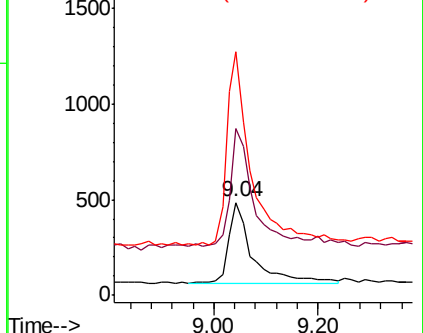
54 262.8 174.0 261.0#



Abundance Ion 82.00 (81.70 to 82.70): BE097908.D (-525) (-)

Ion 128.00 (127.70 to 128.70): BE097908.D (-525) (-)

Ion 54.00 (53.70 to 54.70): BE097908.D (-525) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.228 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097952.D

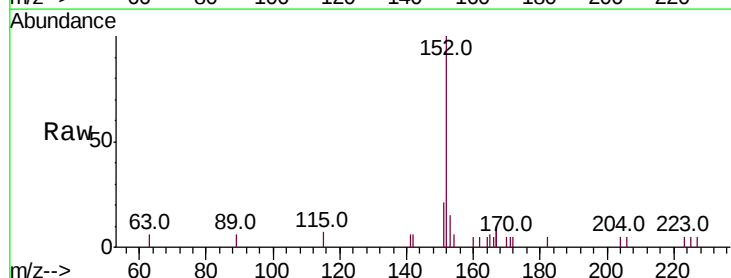
Acq: 17 Oct 2018 18:17

Tgt Ion: 152 Resp: 2415

Ion Ratio Lower Upper

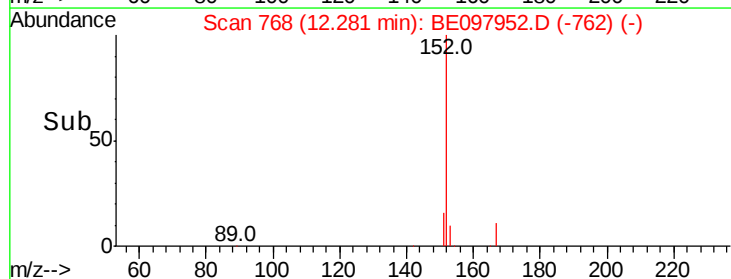
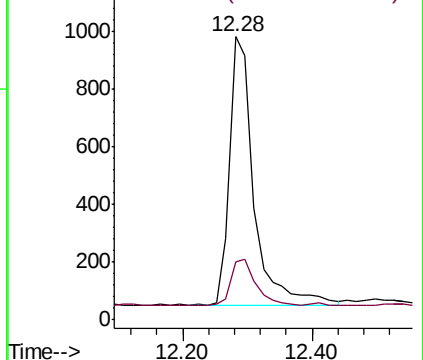
152 100

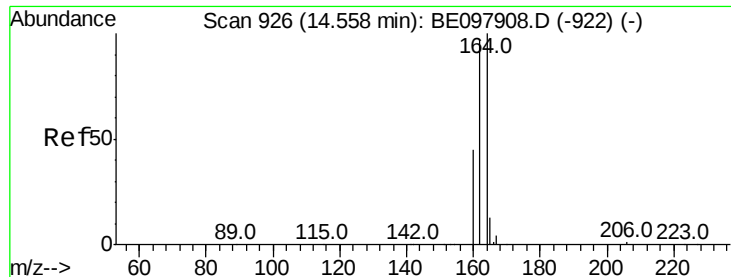
151 18.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE097908.D (-764) (-)

Ion 151.00 (150.70 to 151.70): BE097908.D (-764) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097952.D

Acq: 17 Oct 2018 18:17

Instrument :

BNA_E

ClientSampleId :

PB113898BL

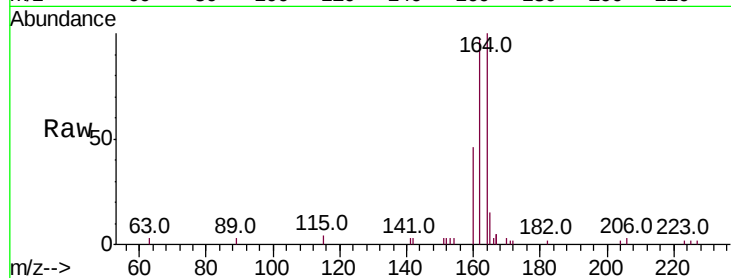
Tot Ion:164 Resp: 3705

Ion Ratio Lower Upper

164 100

162 97.2 77.4 116.2

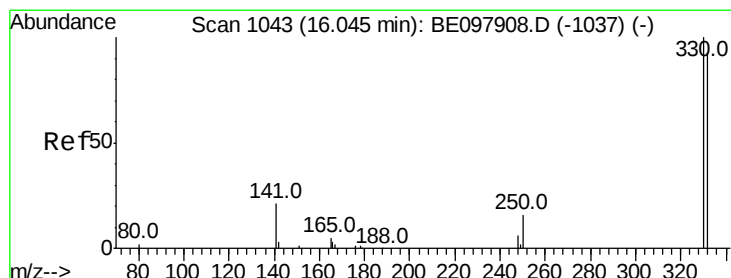
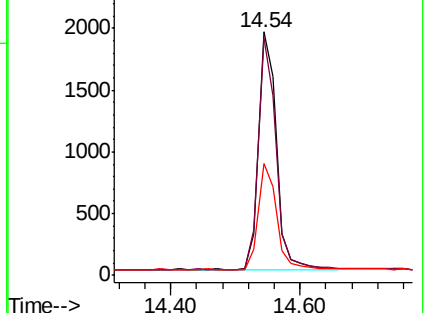
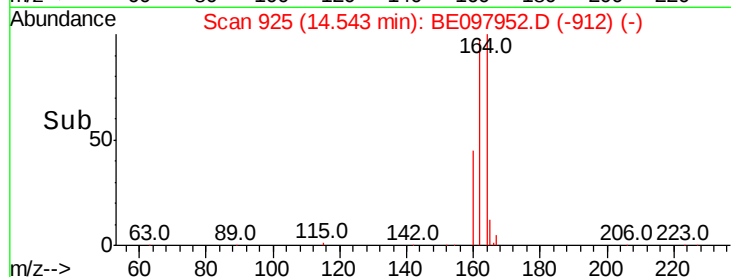
160 45.8 36.5 54.7



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: 0.153 ng

RT: 16.06 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BE097952.D

Acq: 17 Oct 2018 18:17

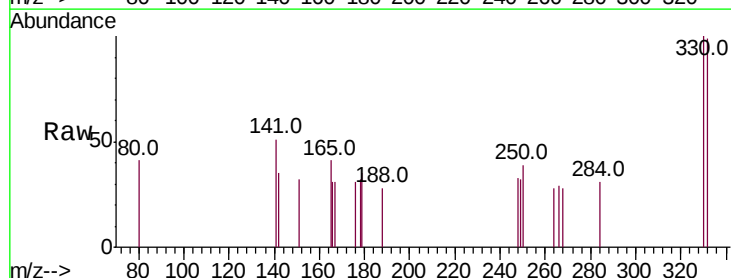
Tgt Ion:330 Resp: 304

Ion Ratio Lower Upper

330 100

332 104.9 76.5 114.7

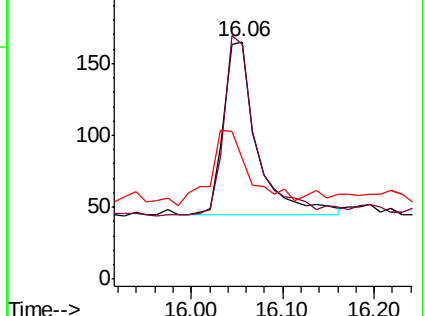
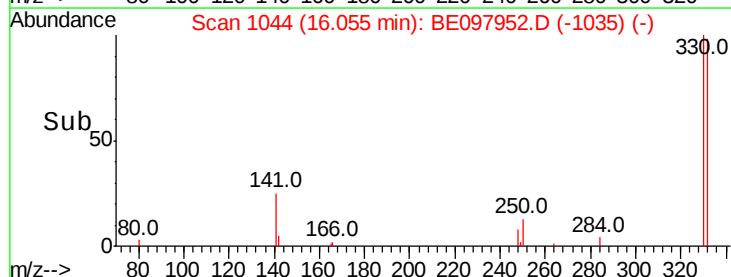
141 0.0 31.8 47.6#

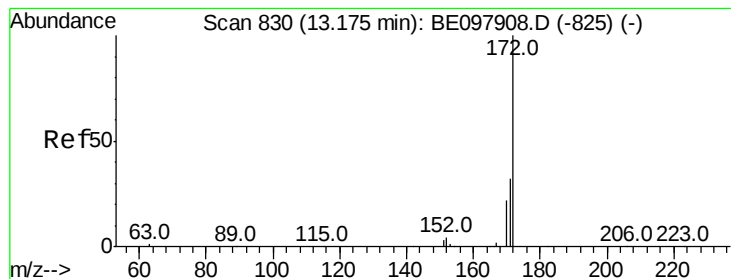


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.232 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BE097952.D

Acq: 17 Oct 2018 18:17

Instrument :

BNA_E

ClientSampleId :

PB113898BL

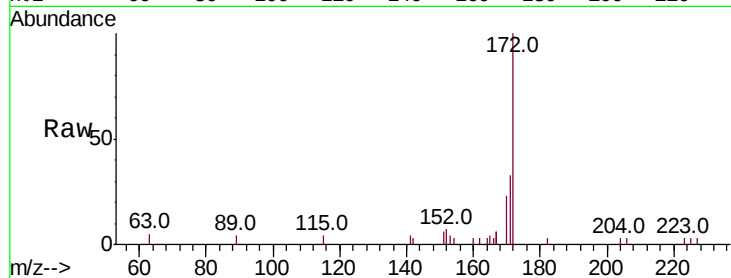
Tot Ion:172 Resp: 3516

Ion Ratio Lower Upper

172 100

171 33.1 26.0 39.0

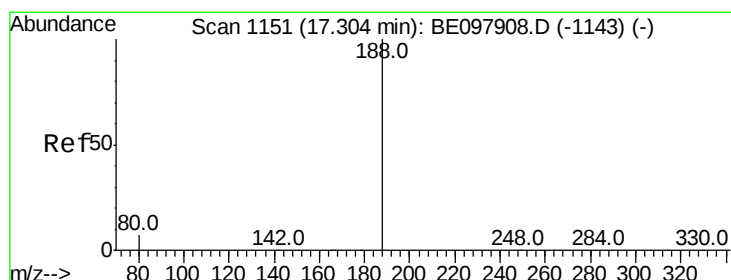
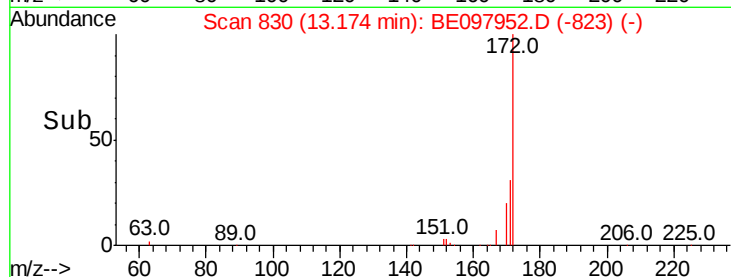
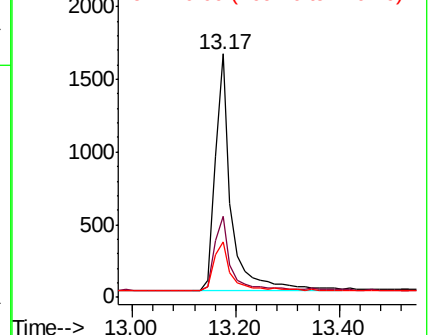
170 22.7 18.0 27.0



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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097952.D

Acq: 17 Oct 2018 18:17

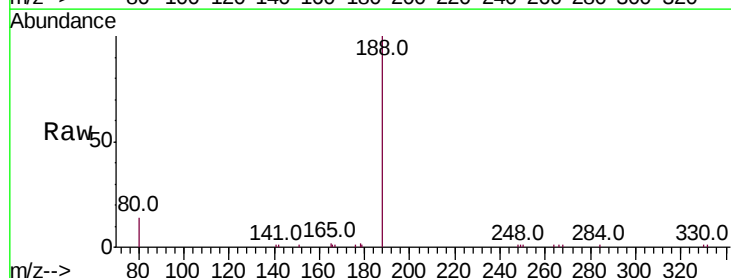
Tgt Ion:188 Resp: 9236

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

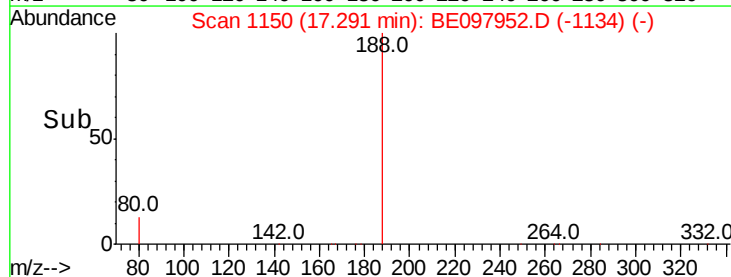
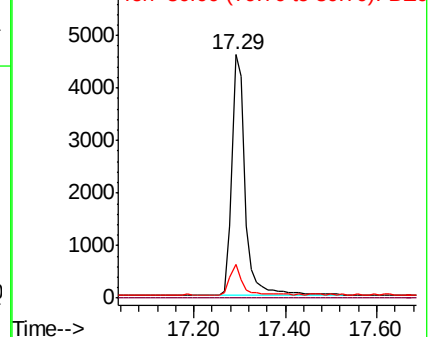
80 14.0 6.3 9.5#

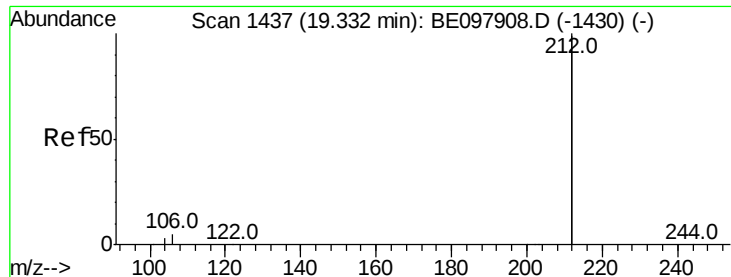


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

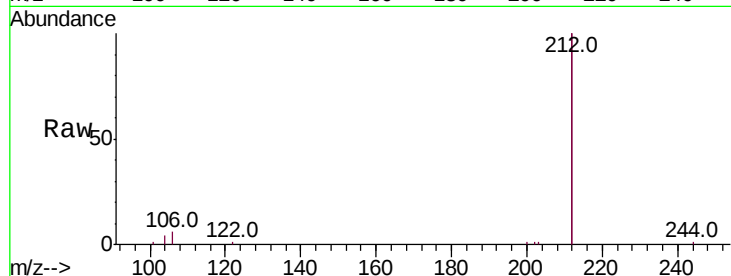




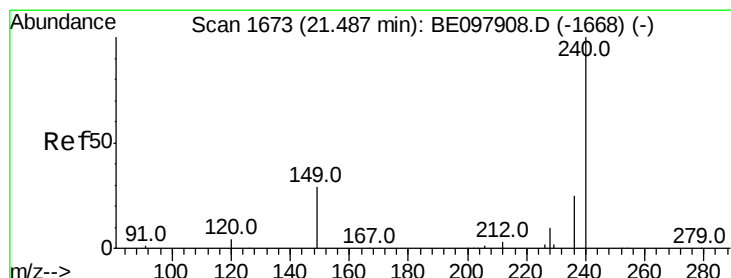
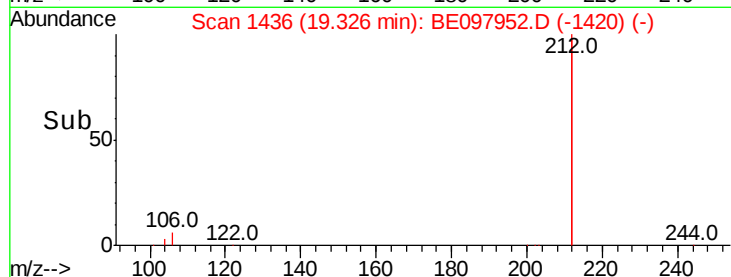
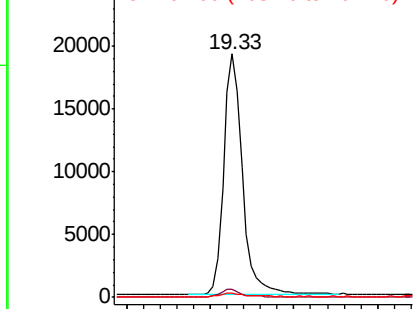
#25
 Fluoranthene-d10
 Concen: 0.240 ng
 RT: 19.33 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BE097952.D
 Acq: 17 Oct 2018 18:17

Instrument :
 BNA_E
 ClientSampleId :
 PB113898BL

Tot Ion:212 Resp: 30022
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.3 3.5
 104 1.6 1.3 1.9

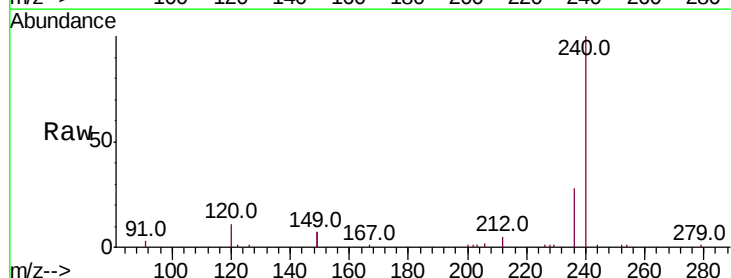


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

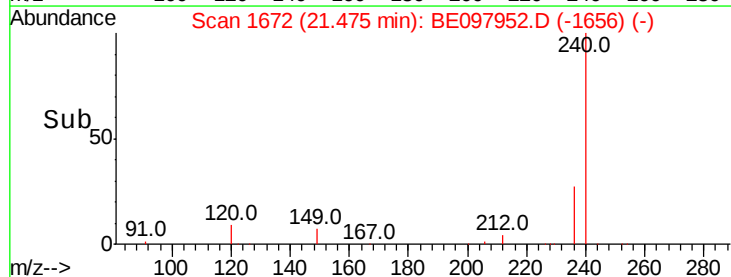
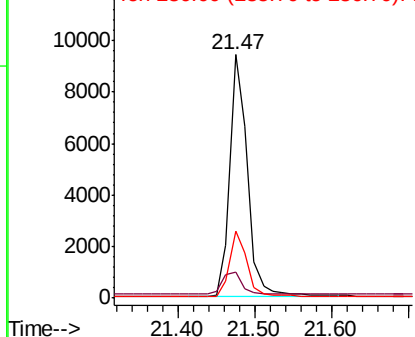


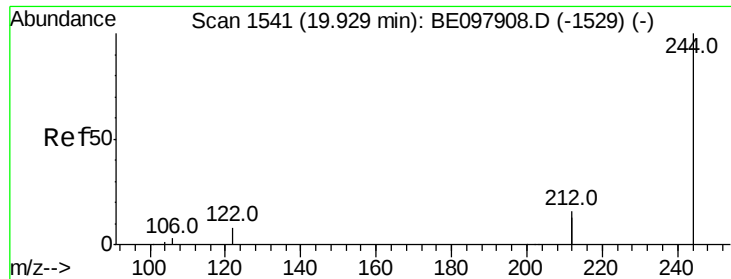
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.47 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE097952.D
 Acq: 17 Oct 2018 18:17

Tgt Ion:240 Resp: 14958
 Ion Ratio Lower Upper
 240 100
 120 10.9 7.1 10.7#
 236 27.7 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: 0.255 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097952.D

Acq: 17 Oct 2018 18:17

Instrument :

BNA_E

ClientSampleId :

PB113898BL

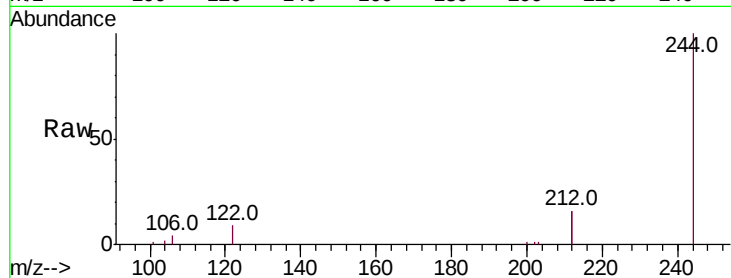
Tot Ion:244 Resp: 8733

Ion Ratio Lower Upper

244 100

212 32.0 26.2 39.2

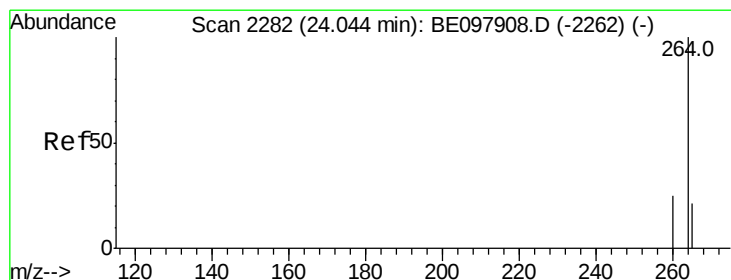
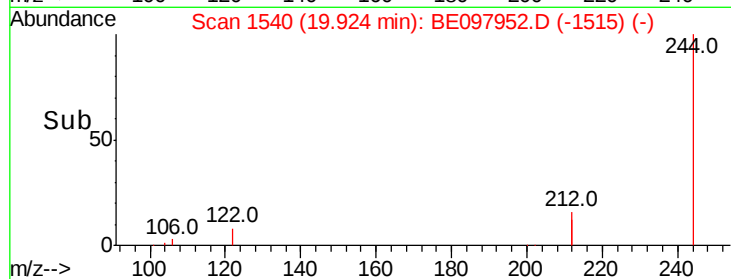
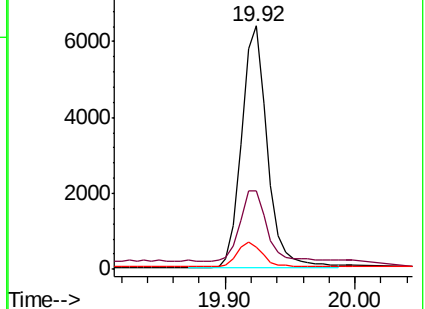
122 9.2 7.7 11.5



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: 24.03 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE097952.D

Acq: 17 Oct 2018 18:17

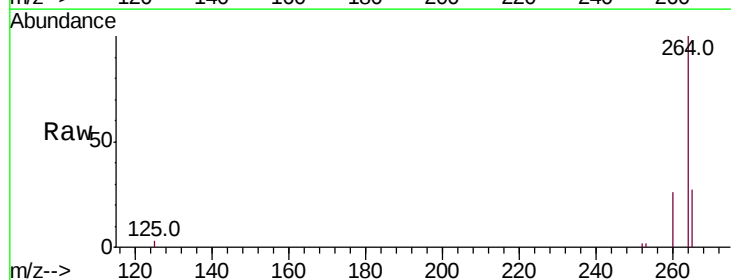
Tgt Ion:264 Resp: 16244

Ion Ratio Lower Upper

264 100

260 25.7 21.1 31.7

265 27.1 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

