

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
 Data File : BE097996.D
 Acq On : 19 Oct 2018 17:50
 Operator : SJ/JU
 Sample : PB113998BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113998BL

Quant Time: Oct 19 23:59:01 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	7.88	152	2356	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	9962	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	6208	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	17644	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	24098	0.40	ng	-0.01
34) Perylene-d12	24.03	264	23879	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2102	0.28	ng	0.00
5) Phenol-d6	7.06	99	2725	0.25	ng	0.00
8) Nitrobenzene-d5	9.03	82	2288	0.24	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	4013	0.24	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	825	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	6106	0.24	ng	-0.01
25) Fluoranthene-d10	19.32	212	64039	0.27	ng	-0.01
29) Terphenyl-d14	19.92	244	18208	0.33	ng	-0.01

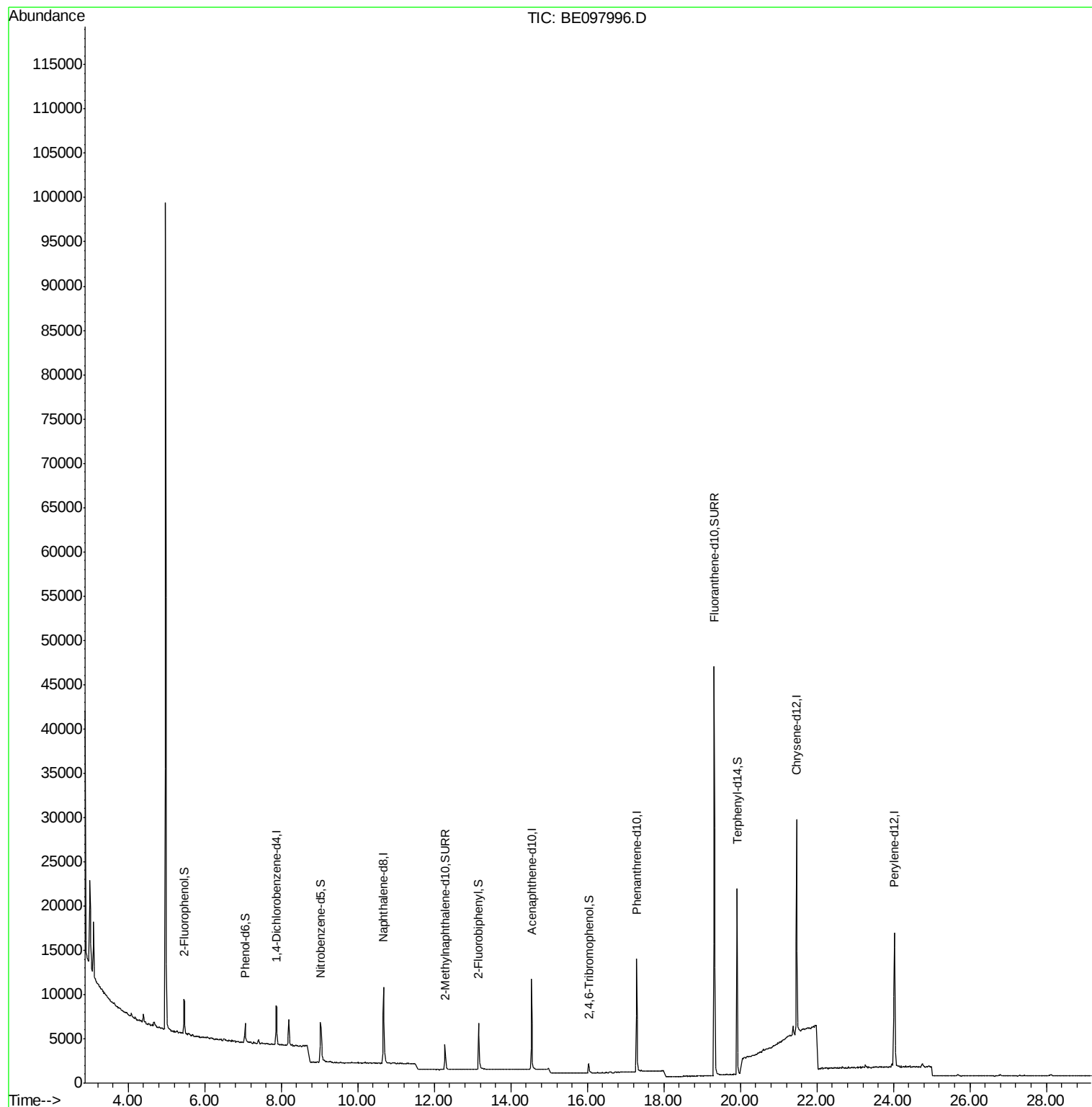
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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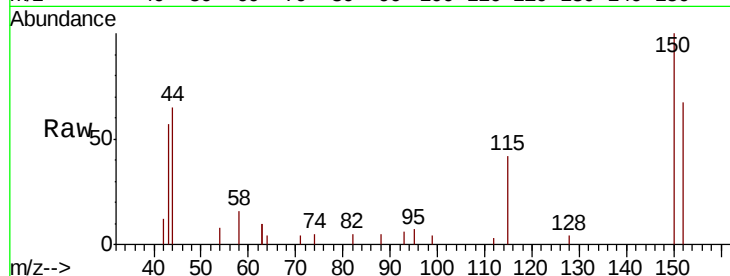


#1

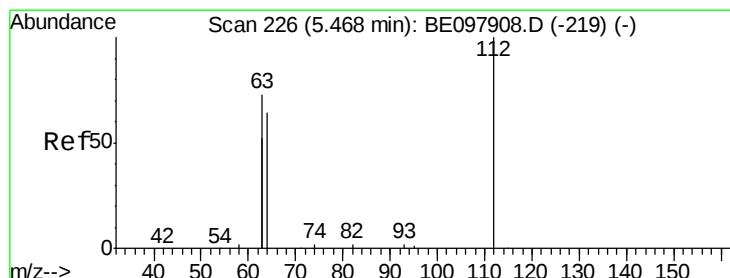
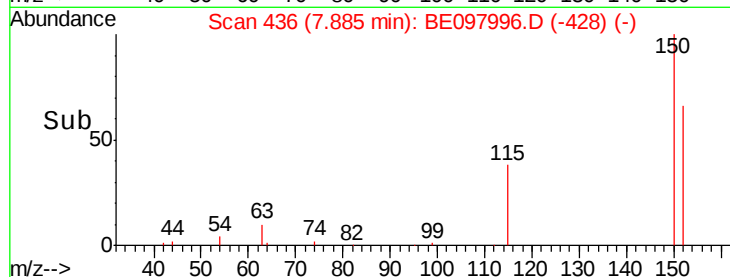
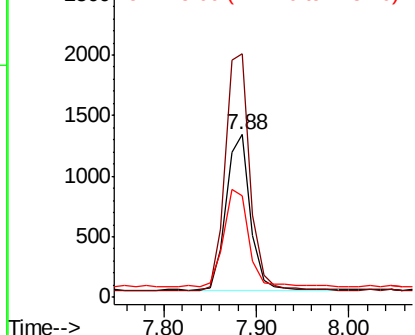
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE097996.D
Acq: 19 Oct 2018 17:50

Instrument :
BNA_E
ClientSampleId :
PB113998BL

Tot Ion:152 Resp: 2356
Ion Ratio Lower Upper
152 100
150 149.5 118.2 177.4
115 62.2 50.9 76.3



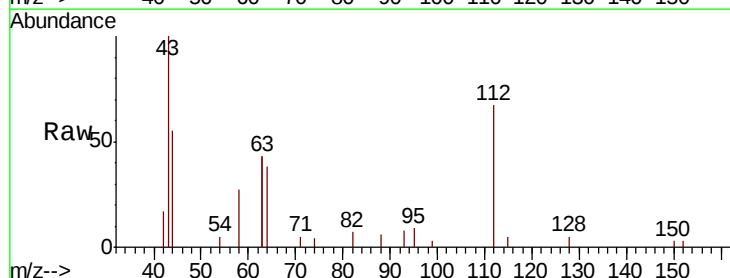
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



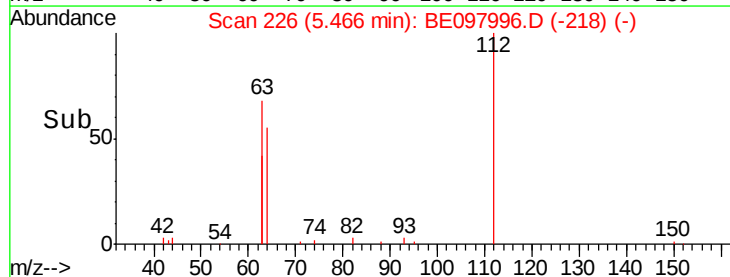
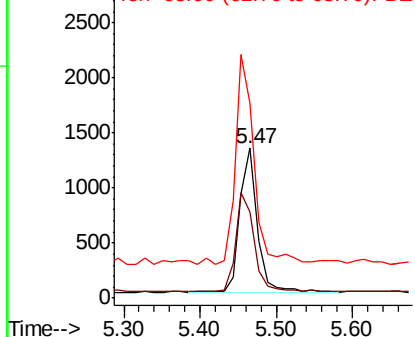
#4

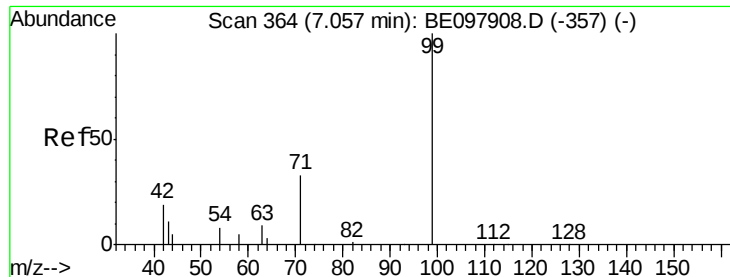
2-Fluorophenol
Concen: 0.283 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097996.D
Acq: 19 Oct 2018 17:50

Tgt Ion:112 Resp: 2102
Ion Ratio Lower Upper
112 100
64 72.3 58.9 88.3
63 157.7 120.3 180.5



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: 0.248 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

Instrument :

BNA_E

ClientSampleId :

PB113998BL

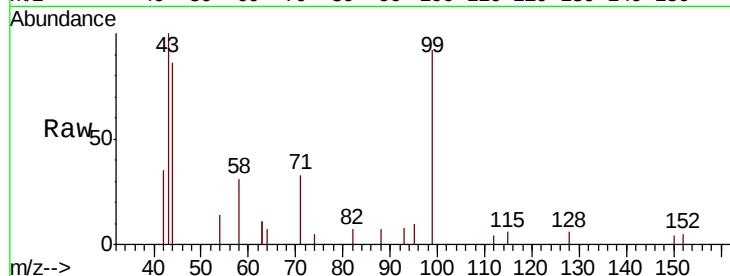
Tot Ion: 99 Resp: 2725

Ion Ratio Lower Upper

99 100

42 22.7 19.9 29.9

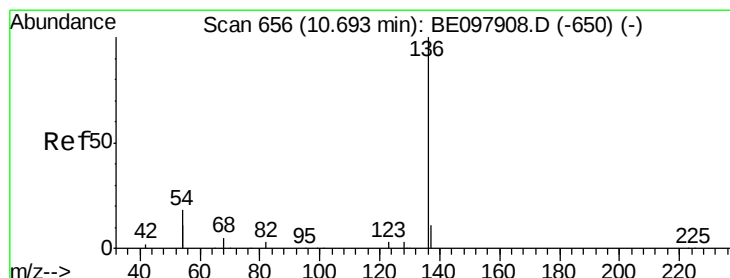
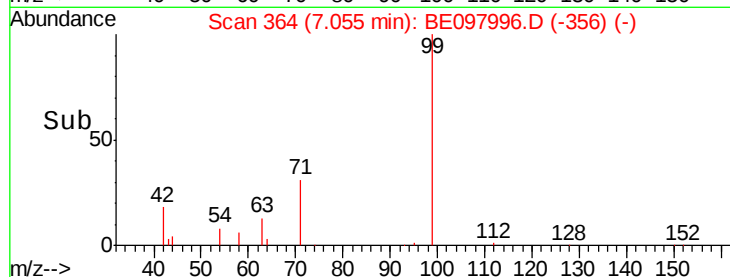
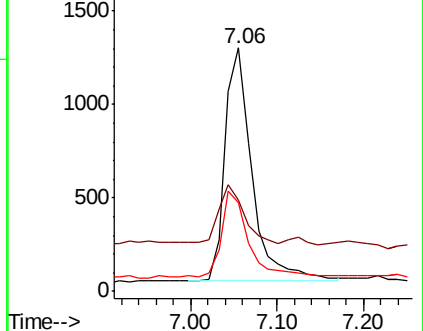
71 37.0 27.8 41.8



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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

Tgt Ion: 136 Resp: 9962

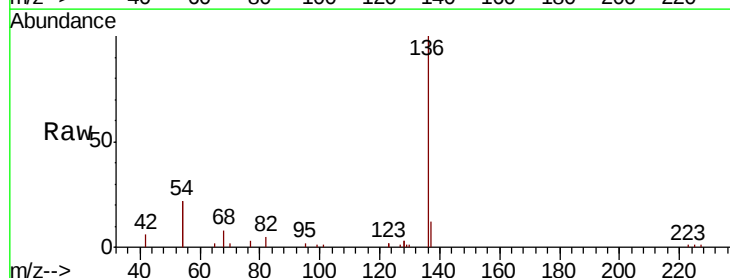
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 44.1 27.7 41.5#

68 8.0 5.3 7.9#

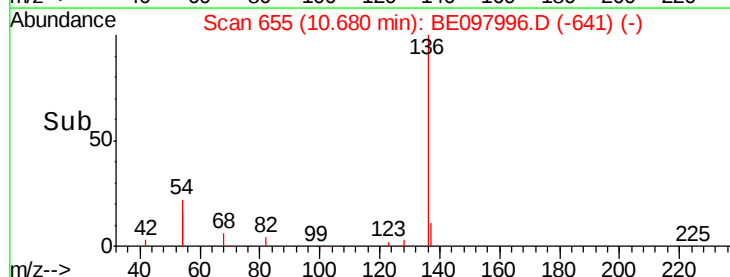
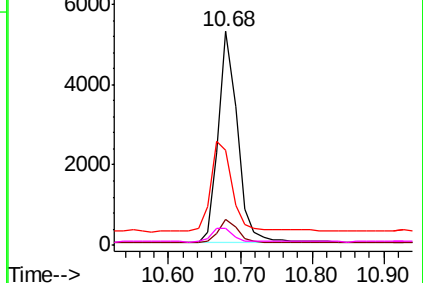


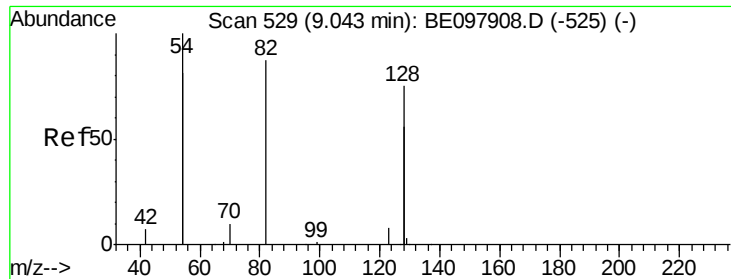
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.243 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

Instrument :

BNA_E

ClientSampleId :

PB113998BL

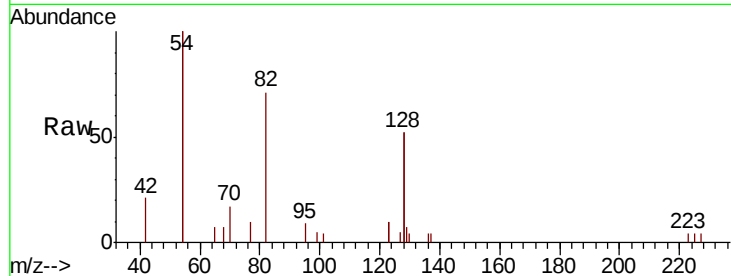
Tot Ion: 82 Resp: 2288

Ion Ratio Lower Upper

82 100

128 145.9 129.9 194.9

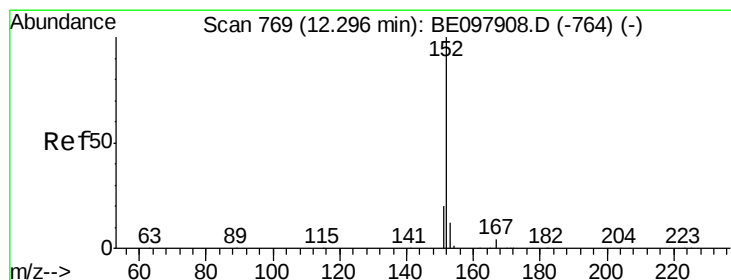
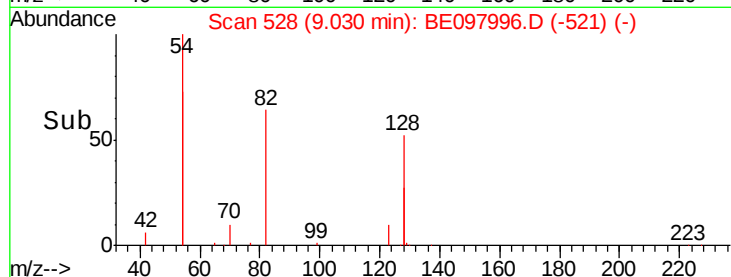
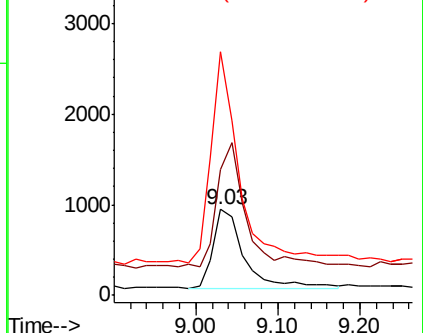
54 282.9 174.0 261.0#



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: 0.242 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097996.D

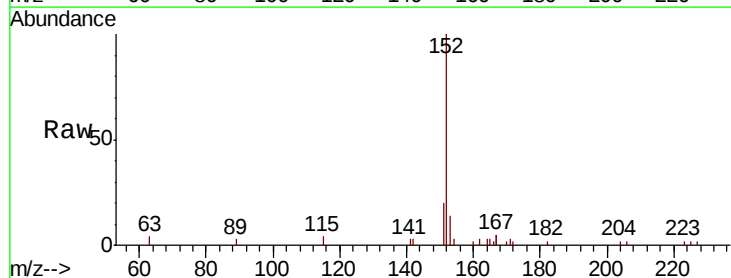
Acq: 19 Oct 2018 17:50

Tgt Ion: 152 Resp: 4013

Ion Ratio Lower Upper

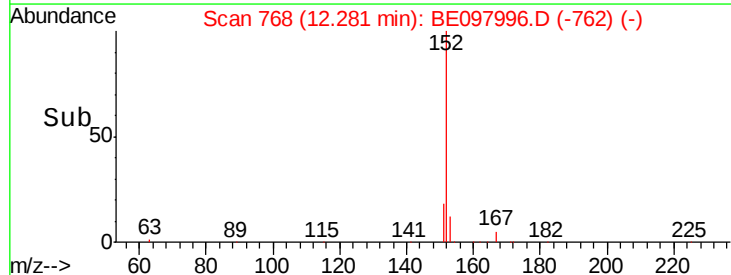
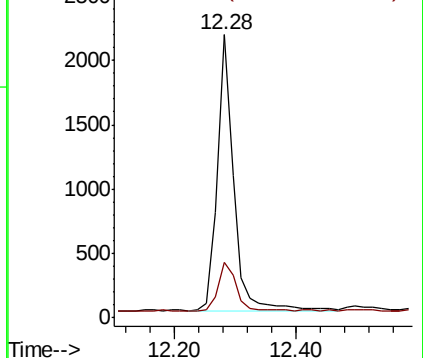
152 100

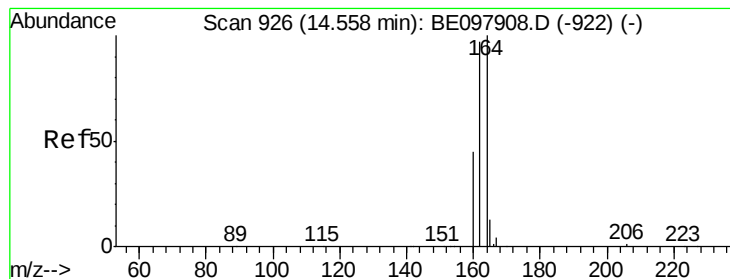
151 20.7 16.2 24.4



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: 14.54 min Scan# 925

Delta R.T. -0.01 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

Instrument :

BNA_E

ClientSampleId :

PB113998BL

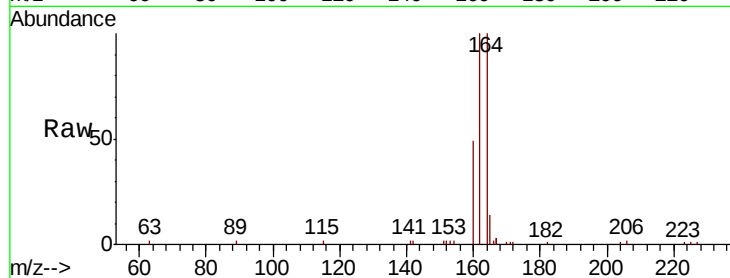
Tot Ion:164 Resp: 6208

Ion Ratio Lower Upper

164 100

162 99.8 77.4 116.2

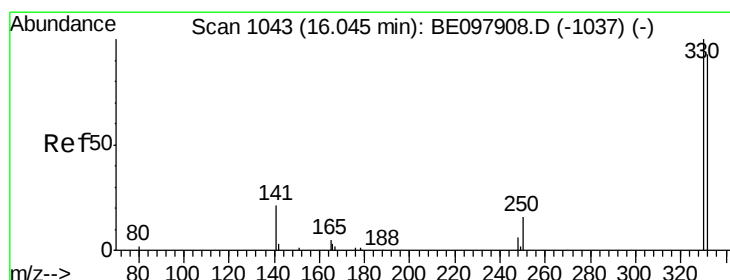
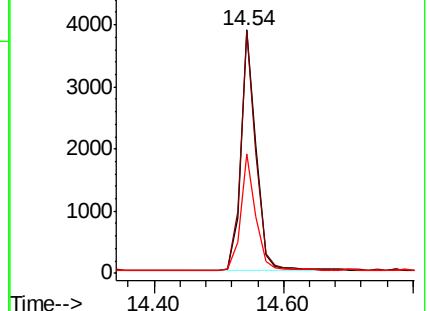
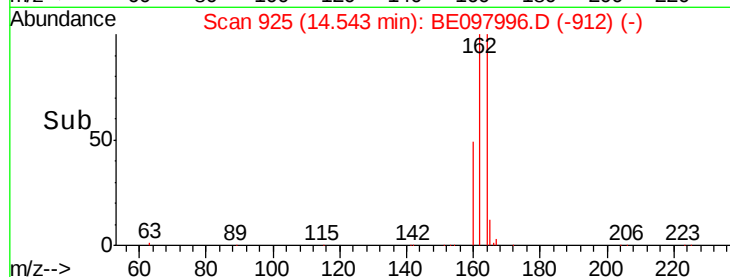
160 49.3 36.5 54.7



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: 0.247 ng

RT: 16.04 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

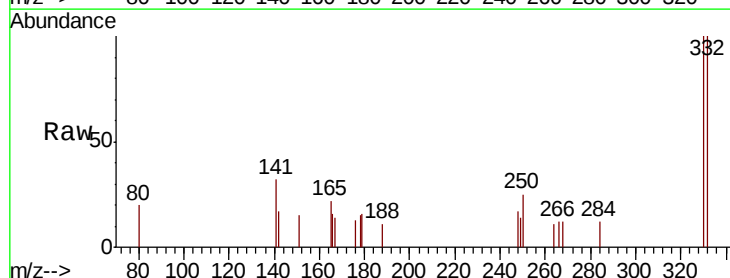
Tgt Ion:330 Resp: 825

Ion Ratio Lower Upper

330 100

332 98.2 76.5 114.7

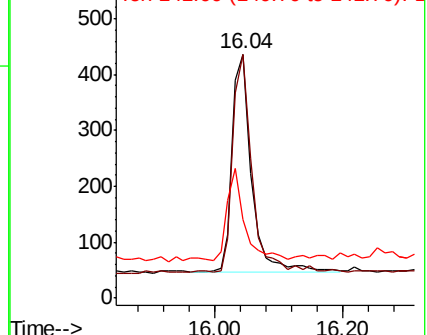
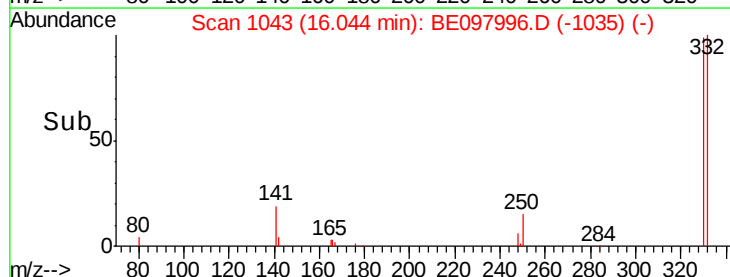
141 39.2 31.8 47.6

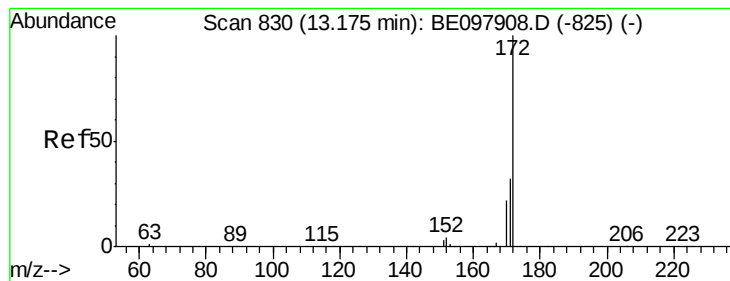


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

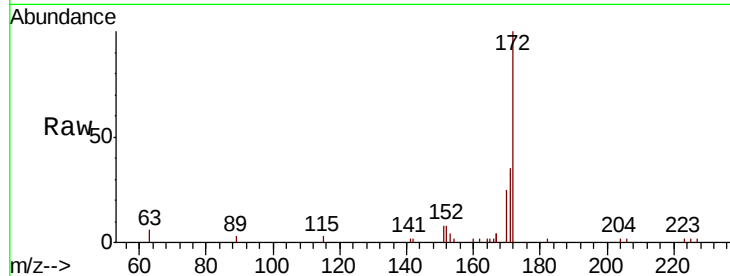




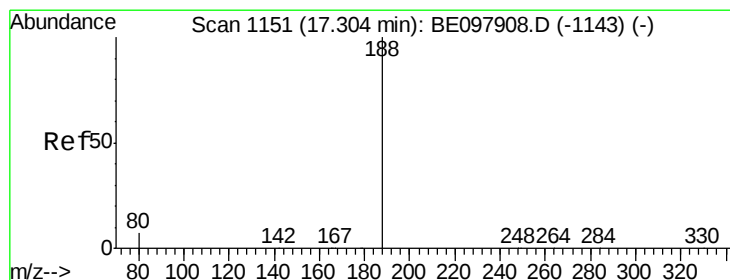
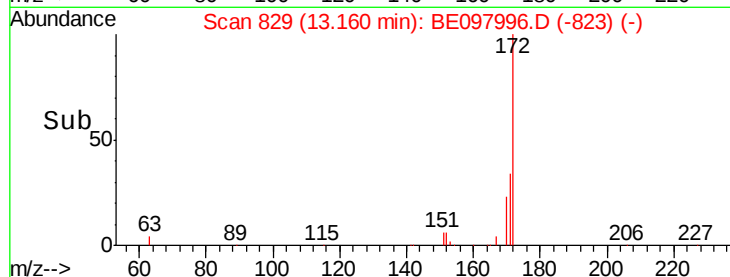
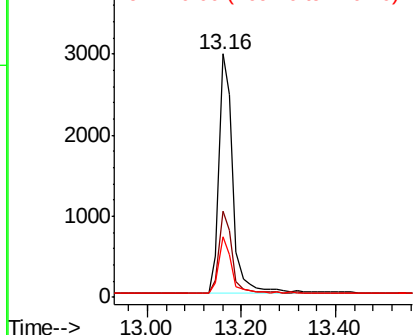
#15
2-Fluorobiphenyl
Concen: 0.241 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097996.D
Acq: 19 Oct 2018 17:50

Instrument :
BNA_E
ClientSampleId :
PB113998BL

Tot Ion:172 Resp: 6106
Ion Ratio Lower Upper
172 100
171 35.4 26.0 39.0
170 24.7 18.0 27.0

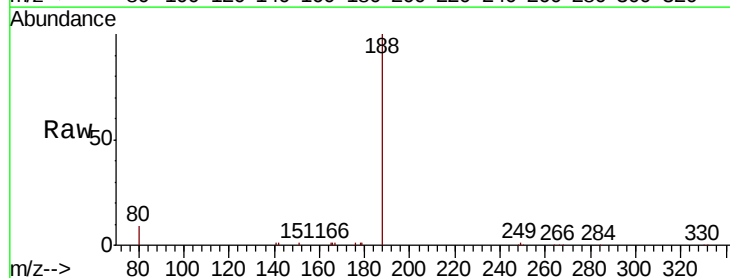


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

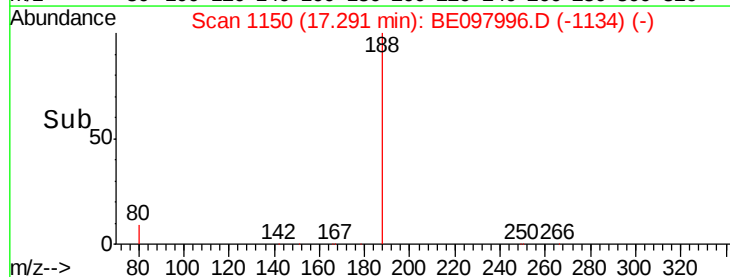
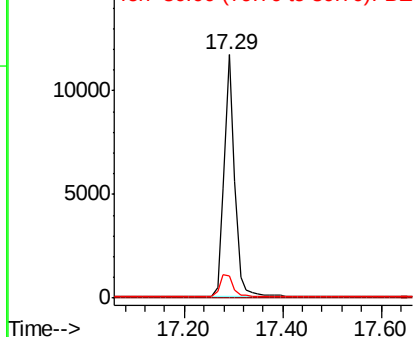


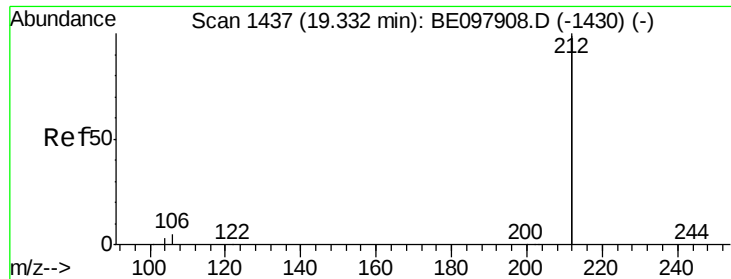
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097996.D
Acq: 19 Oct 2018 17:50

Tgt Ion:188 Resp: 17644
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 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

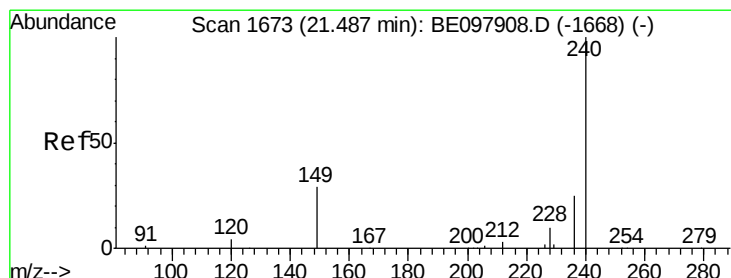
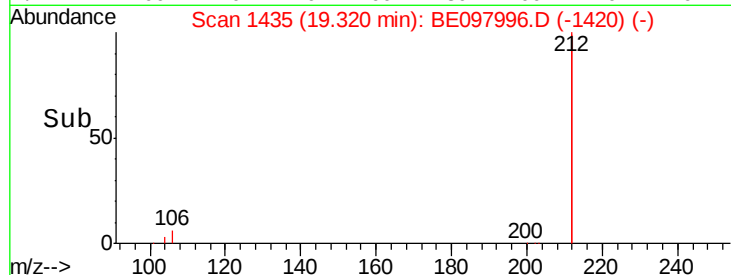
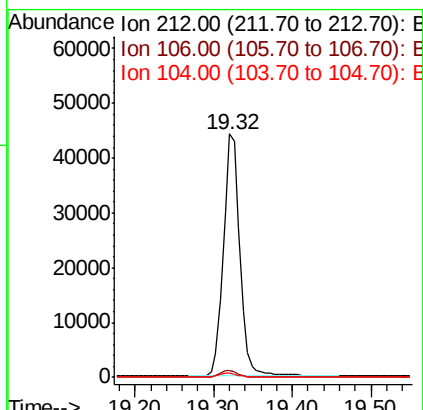
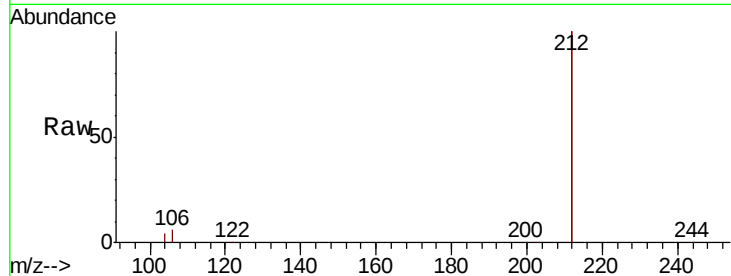




#25
 Fluoranthene-d10
 Concen: 0.268 ng
 RT: 19.32 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BE097996.D
 Acq: 19 Oct 2018 17:50

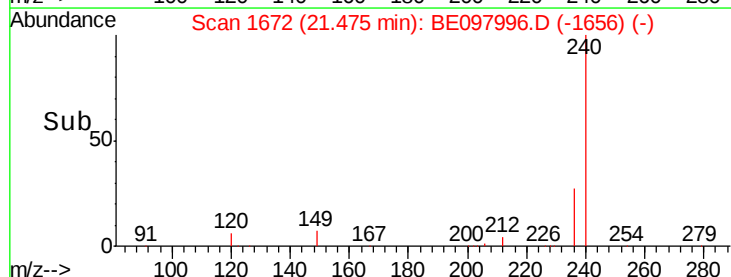
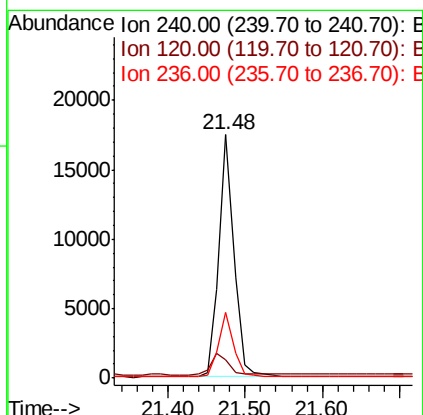
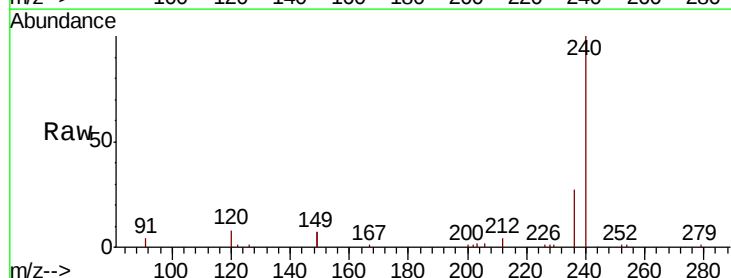
Instrument :
 BNA_E
 ClientSampleId :
 PB113998BL

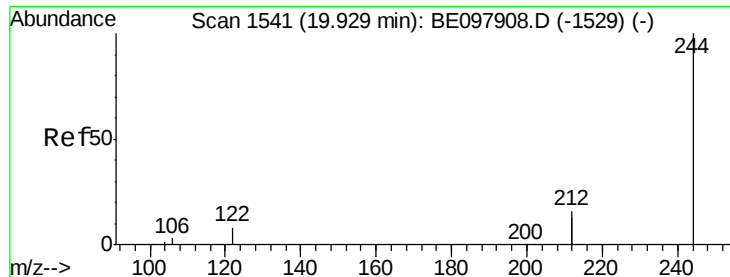
Tot Ion:212 Resp: 64039
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.3 3.5
 104 1.6 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.48 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE097996.D
 Acq: 19 Oct 2018 17:50

Tgt Ion:240 Resp: 24098
 Ion Ratio Lower Upper
 240 100
 120 7.6 7.1 10.7
 236 27.0 21.3 31.9





#29

Terphenyl-d14

Concen: 0.330 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097996.D

Acq: 19 Oct 2018 17:50

Instrument :

BNA_E

ClientSampleId :

PB113998BL

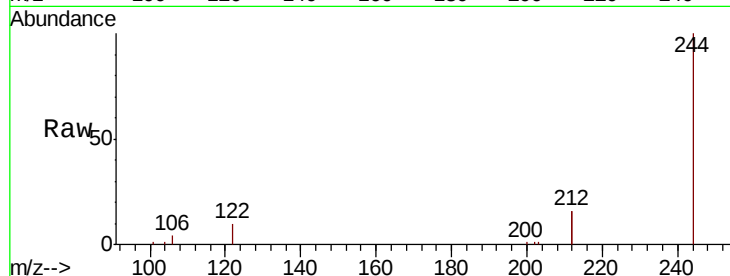
Tot Ion:244 Resp: 18208

Ion Ratio Lower Upper

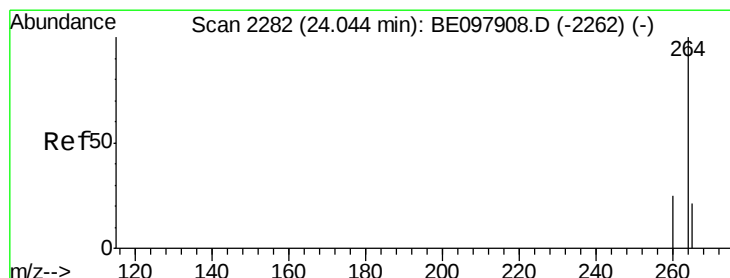
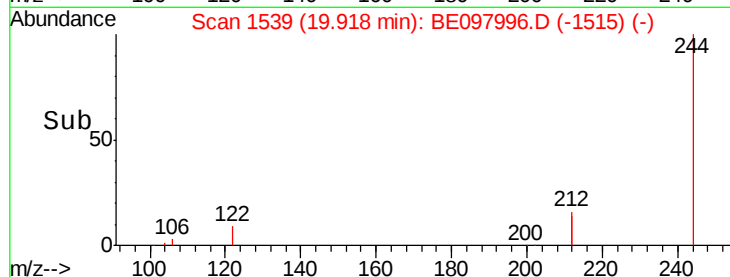
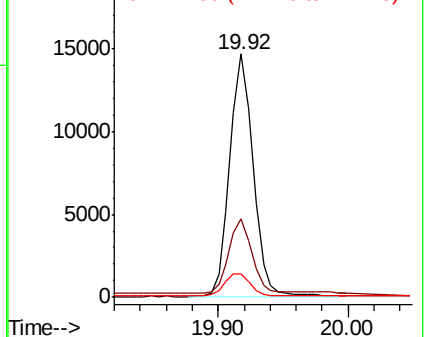
244 100

212 32.1 26.2 39.2

122 9.5 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: BE097996.D

Acq: 19 Oct 2018 17:50

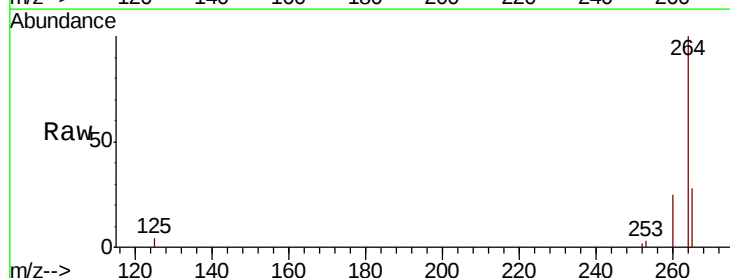
Tgt Ion:264 Resp: 23879

Ion Ratio Lower Upper

264 100

260 25.0 21.1 31.7

265 27.7 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

