

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092818\
 Data File : BE097701.D
 Acq On : 28 Sep 2018 13:05
 Operator : SJ/JU
 Sample : PB113060BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113060BL

Quant Time: Sep 28 14:24:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 28 14:22:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	846	0.40	ng	0.02
7) Naphthalene-d8	10.17	136	4218	0.40	ng	0.05
13) Acenaphthene-d10	14.01	164	2233	0.40	ng	0.02
19) Phenanthrene-d10	16.78	188	5257	0.40	ng	0.02
27) Chrysene-d12	20.98	240	4963	0.40	ng	0.01
34) Perylene-d12	23.22	264	5304	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.09	112	634	0.30	ng	0.04
5) Phenol-d6	6.73	99	666	0.23	ng	0.12
8) Nitrobenzene-d5	8.65	82	641	0.21	ng	0.11
11) 2-Methylnaphthalene-d10	11.78	152	1633	0.25	ng	0.06
14) 2,4,6-Tribromophenol	15.58	330	124	0.14	ng	0.06
15) 2-Fluorobiphenyl	12.67	172	2502	0.27	ng	0.05
25) Fluoranthene-d10	18.82	212	15974	0.25	ng	0.02
29) Terphenyl-d14	19.42	244	3343	0.31	ng	0.00

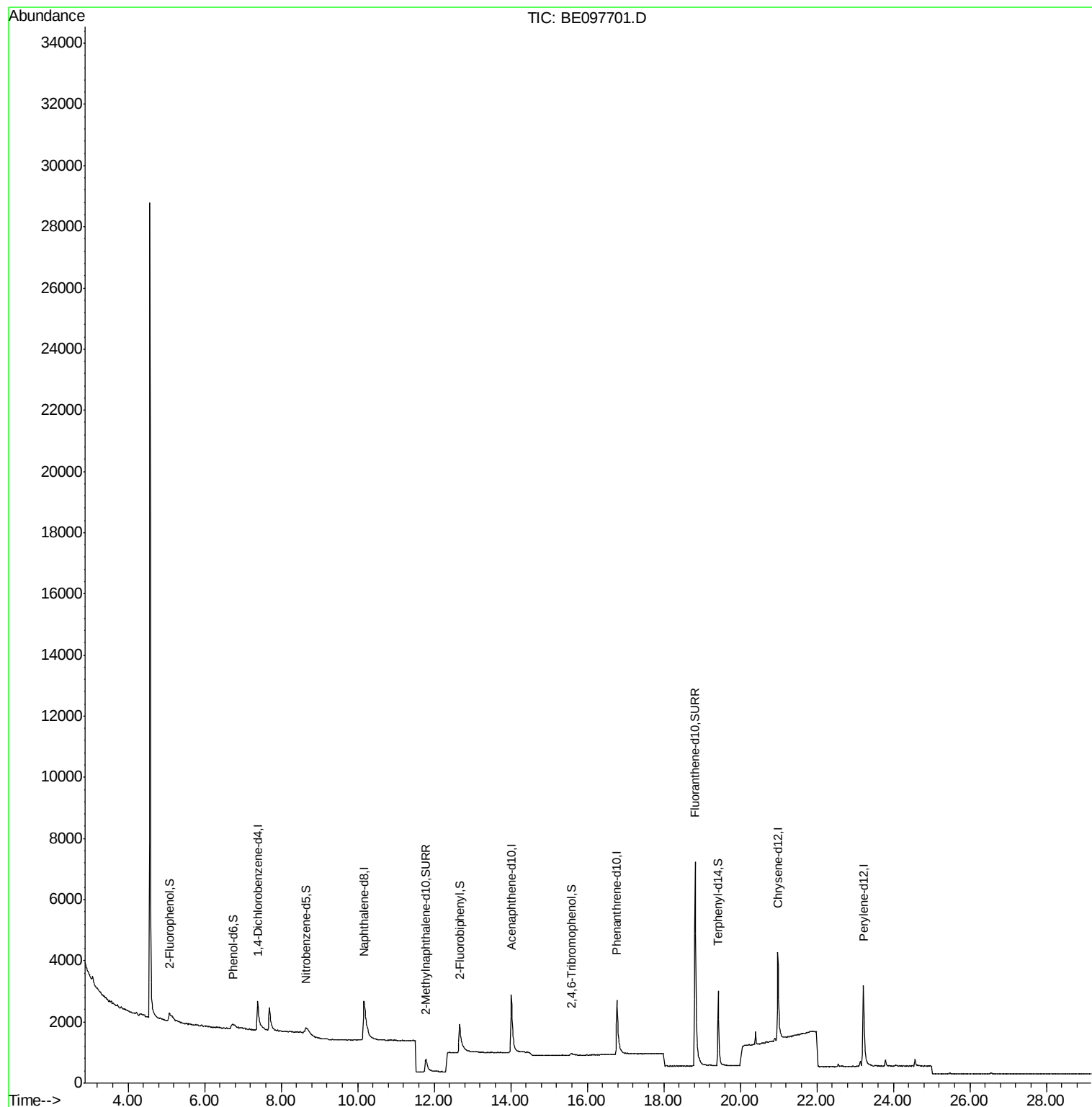
Target Compounds	Qvalue

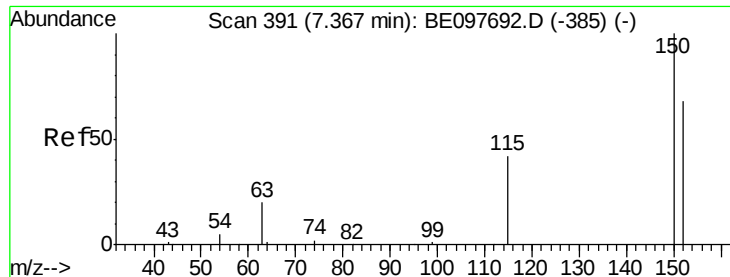
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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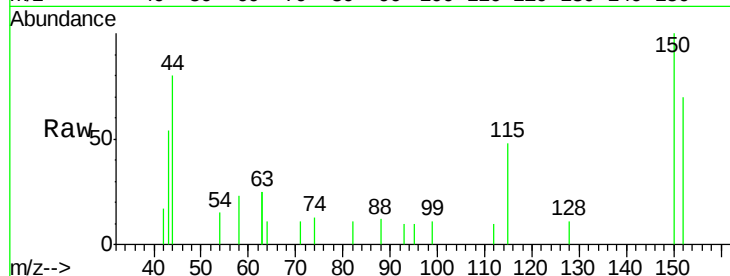


#1

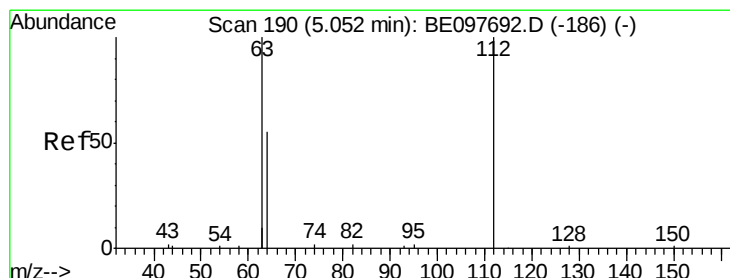
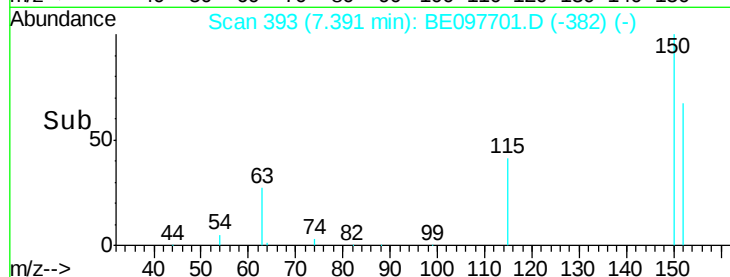
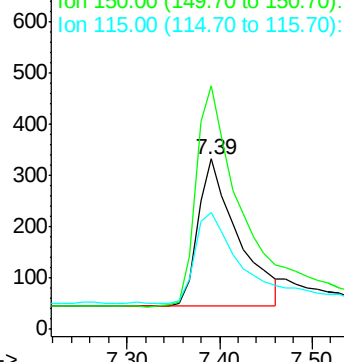
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.02 min
Lab File: BE097701.D
Acq: 28 Sep 2018 13:05

Instrument :
BNA_E
ClientSampleId :
PB113060BL

Tgt Ion:152 Resp: 846
Ion Ratio Lower Upper
152 100
150 142.9 117.2 175.8
115 68.5 57.0 85.6



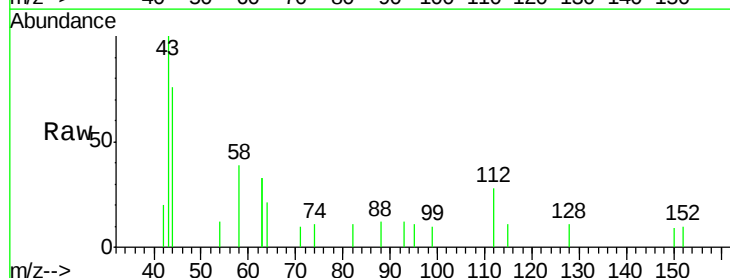
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



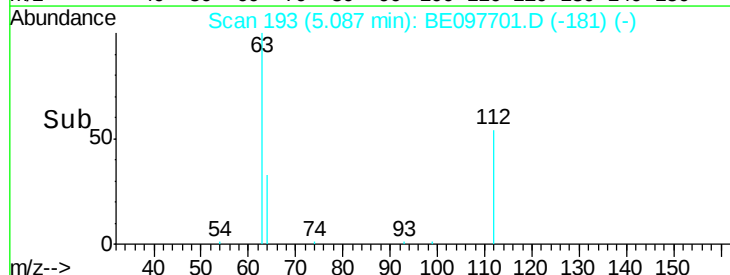
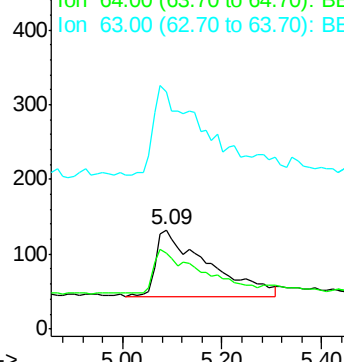
#4

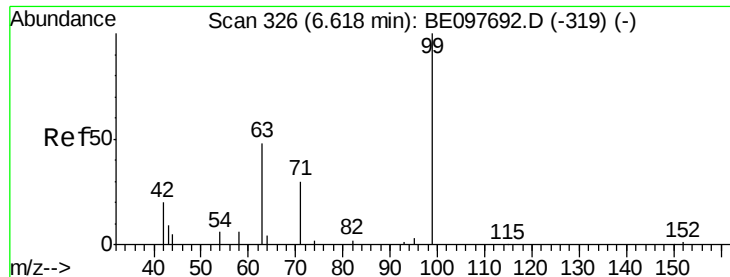
2-Fluorophenol
Concen: 0.303 ng
RT: 5.09 min Scan# 193
Delta R.T. 0.04 min
Lab File: BE097701.D
Acq: 28 Sep 2018 13:05

Tgt Ion:112 Resp: 634
Ion Ratio Lower Upper
112 100
64 60.6 60.1 90.1
63 127.9 116.8 175.2



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: 0.231 ng

RT: 6.73 min Scan# 336

Delta R.T. 0.12 min

Lab File: BE097701.D

Acq: 28 Sep 2018 13:05

Instrument :

BNA_E

ClientSampleId :

PB113060BL

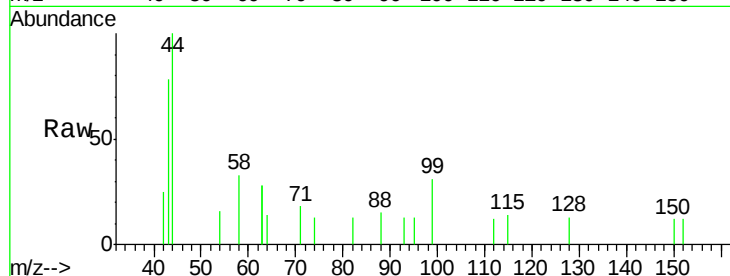
Tgt Ion: 99 Resp: 666

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

71 35.4 28.4 42.6



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

6.73

150

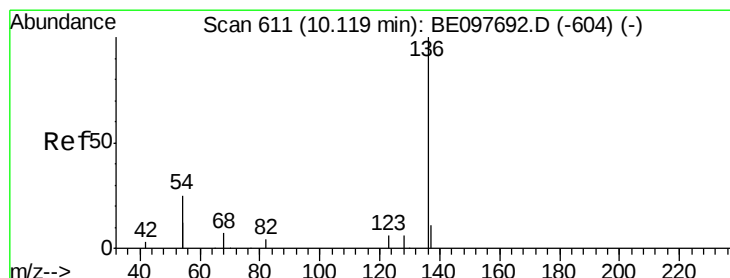
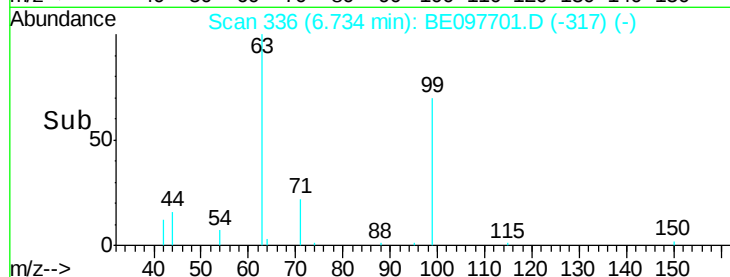
100

50

0

6.50 6.60 6.70 6.80 6.90

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.05 min

Lab File: BE097701.D

Acq: 28 Sep 2018 13:05

Tgt Ion: 136 Resp: 4218

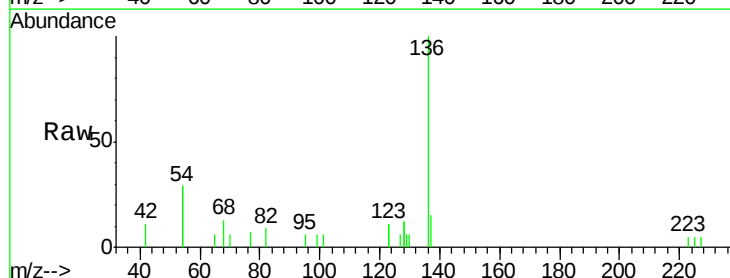
Ion Ratio Lower Upper

136 100

137 15.4 9.5 14.3#

54 57.6 29.1 43.7#

68 12.8 6.2 9.2#



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

1200

1000

800

600

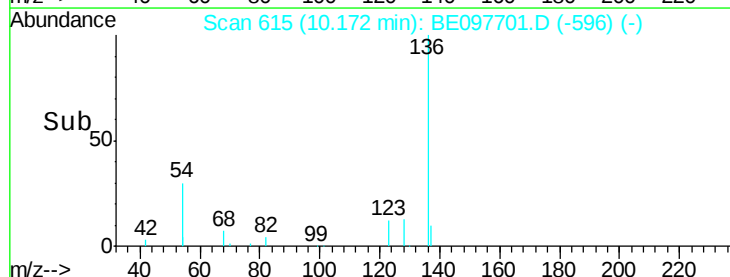
400

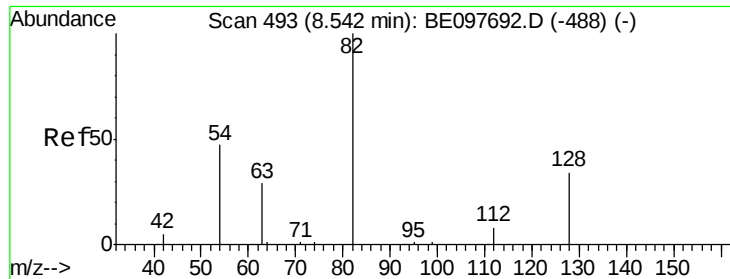
200

0

10.00 10.20

Time-->





#8

Nitrobenzene-d5

Concen: 0.214 ng

RT: 8.65 min Scan# 502

Delta R.T. 0.11 min

Lab File: BE097701.D

Acq: 28 Sep 2018 13:05

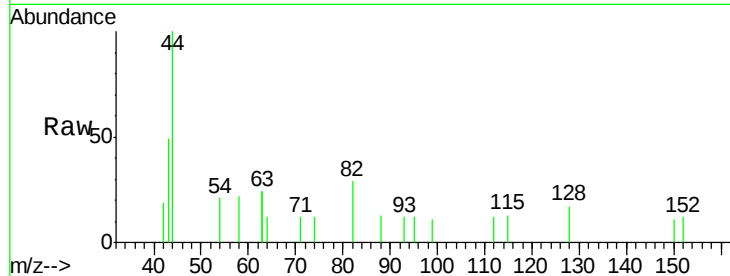
Instrument :

BNA_E

ClientSampleId :

PB113060BL

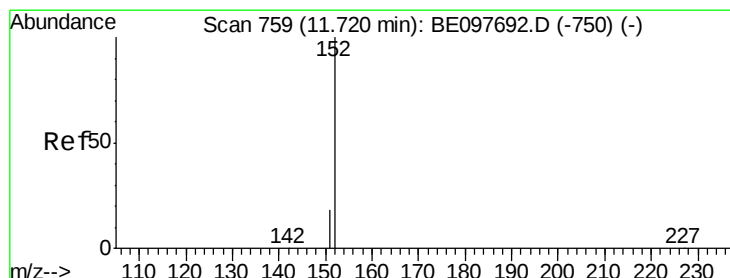
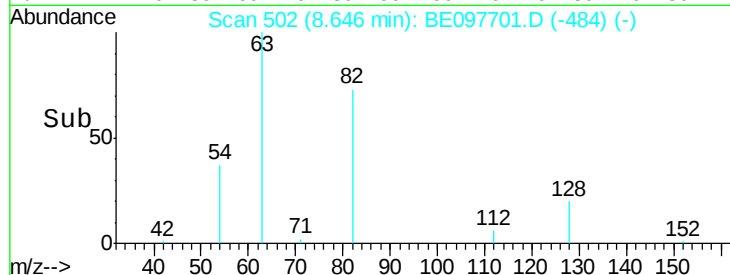
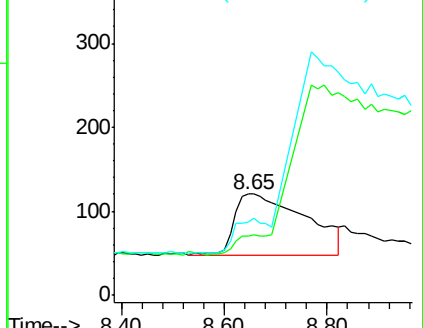
Tgt Ion:	82	Resp:	641
Ion	Ratio	Lower	Upper
82	100		
128	58.3	24.0	36.0#
54	72.5	40.0	60.0#



Abundance Ion 82.00 (81.70 to 82.70): BE097701.D (-484) (-)

Ion 128.00 (127.70 to 128.70): BE097701.D (-484) (-)

Ion 54.00 (53.70 to 54.70): BE097701.D (-484) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.249 ng

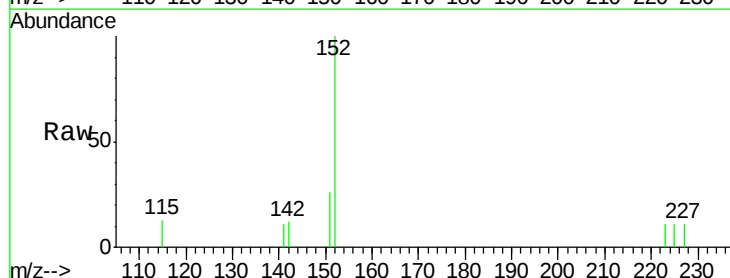
RT: 11.78 min Scan# 772

Delta R.T. 0.06 min

Lab File: BE097701.D

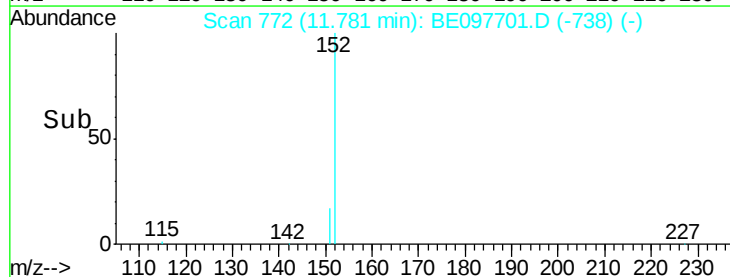
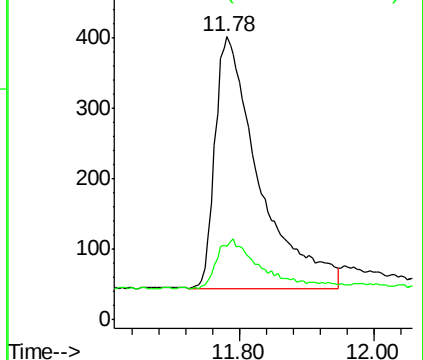
Acq: 28 Sep 2018 13:05

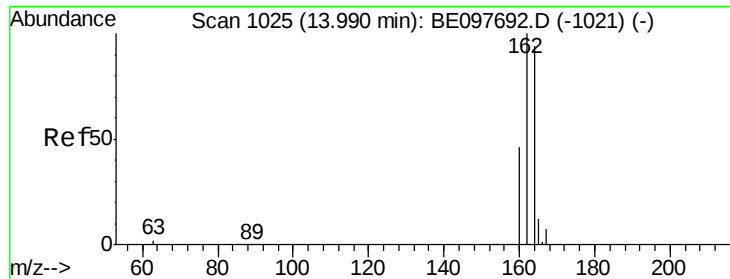
Tgt Ion:	152	Resp:	1633
Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0



Abundance Ion 152.00 (151.70 to 152.70): BE097701.D (-738) (-)

Ion 151.00 (150.70 to 151.70): BE097701.D (-738) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. 0.02 min

Lab File: BE097701.D

Acq: 28 Sep 2018 13:05

Instrument :

BNA_E

ClientSampleId :

PB113060BL

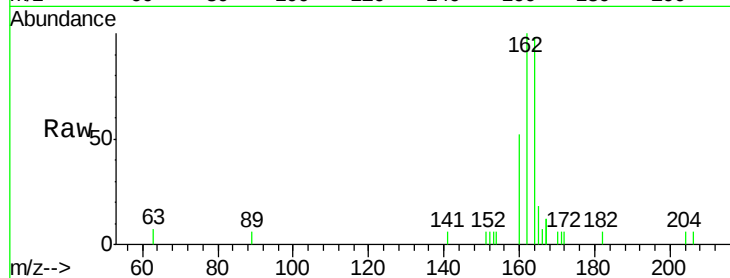
Tgt Ion:164 Resp: 2233

Ion Ratio Lower Upper

164 100

162 102.5 83.1 124.7

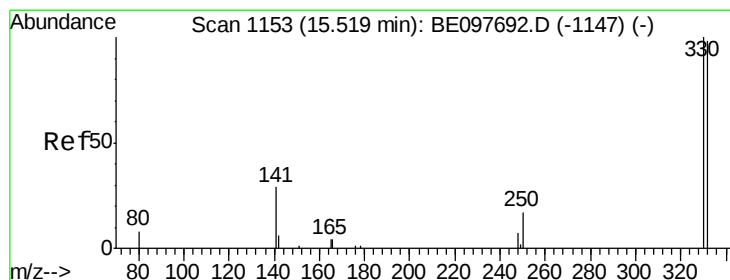
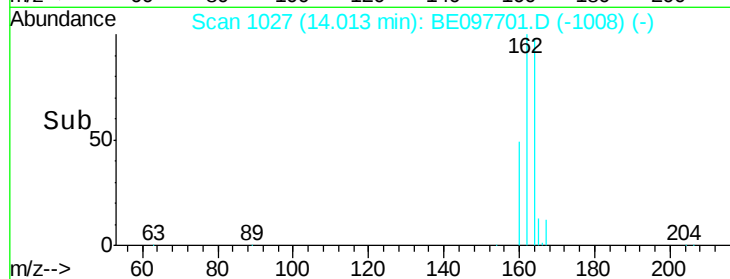
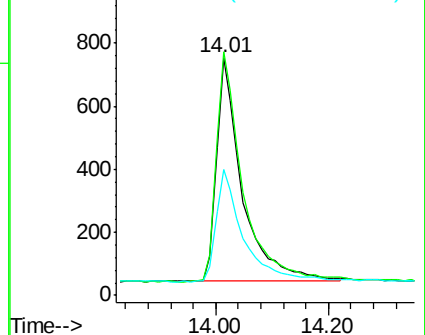
160 53.0 37.1 55.7



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: 0.142 ng

RT: 15.58 min Scan# 1158

Delta R.T. 0.06 min

Lab File: BE097701.D

Acq: 28 Sep 2018 13:05

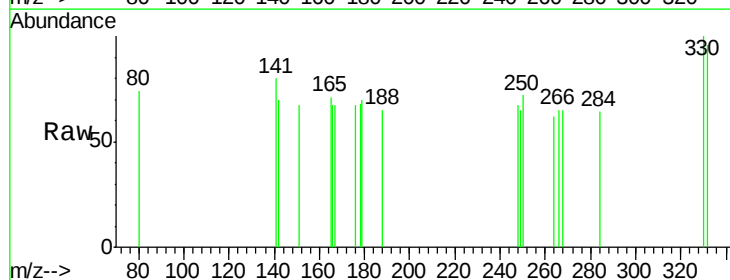
Tgt Ion:330 Resp: 124

Ion Ratio Lower Upper

330 100

332 83.9 152.7 229.1#

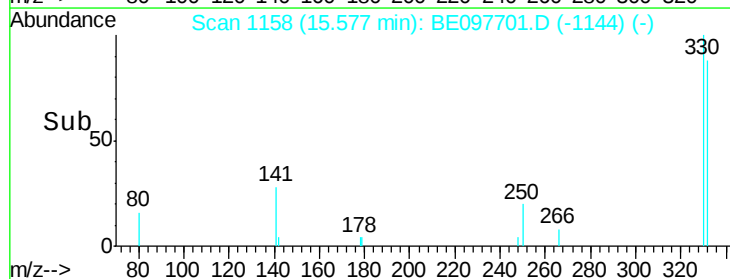
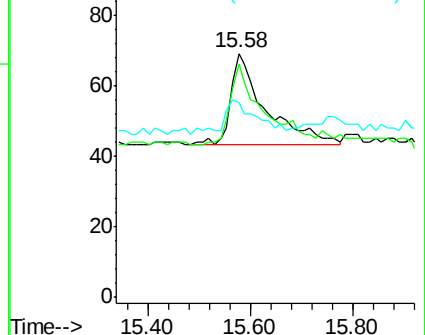
141 29.0 33.7 50.5#

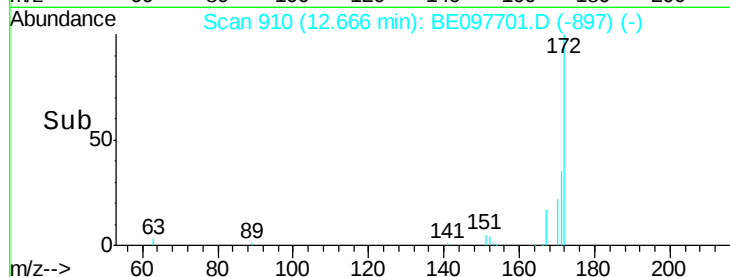
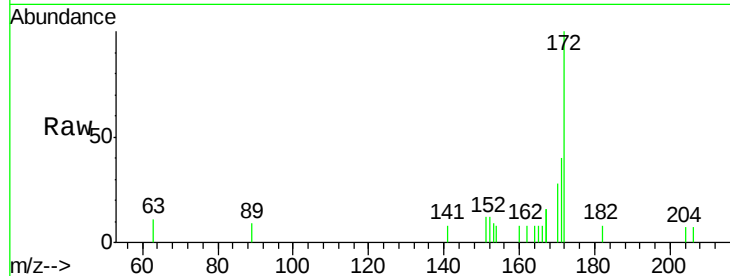
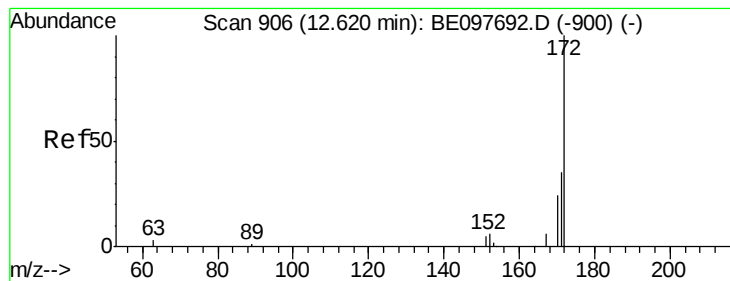


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.267 ng

RT: 12.67 min Scan# 910

Delta R.T. 0.05 min

Lab File: BE097701.D

Acq: 28 Sep 2018 13:05

Instrument :

BNA_E

ClientSampleId :

PB113060BL

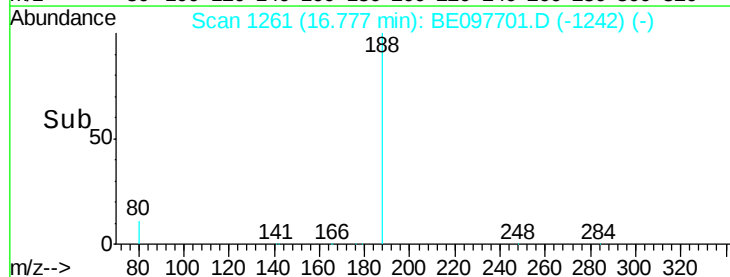
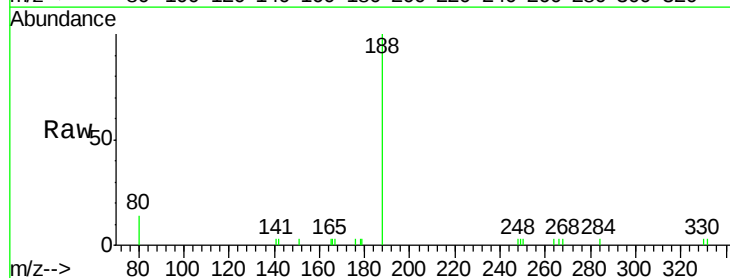
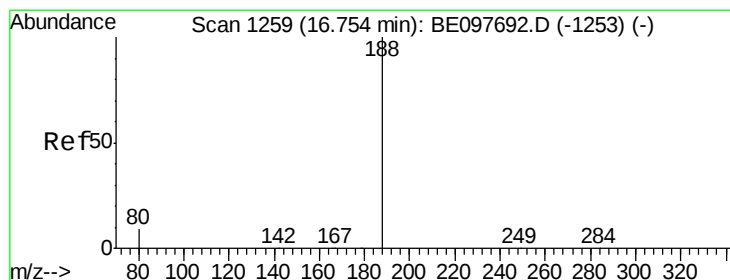
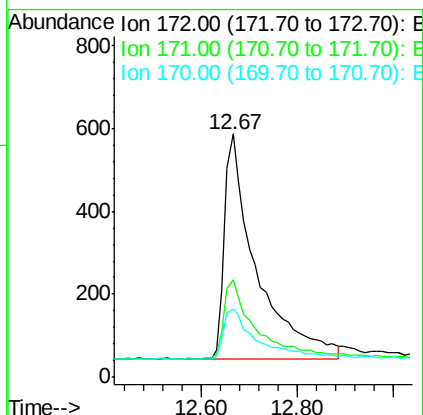
Tgt Ion:172 Resp: 2502

Ion Ratio Lower Upper

172 100

171 39.9 29.9 44.9

170 27.9 21.8 32.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1261

Delta R.T. 0.02 min

Lab File: BE097701.D

Acq: 28 Sep 2018 13:05

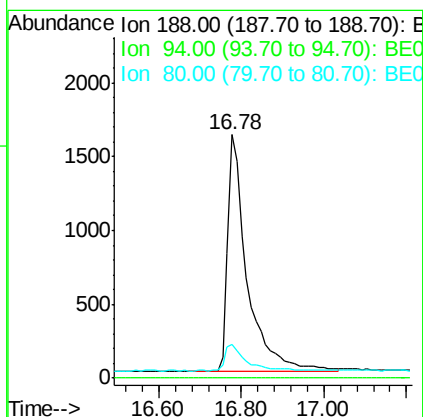
Tgt Ion:188 Resp: 5257

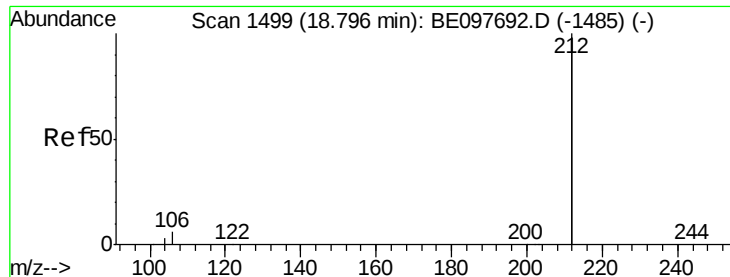
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 14.0 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.251 ng

RT: 18.82 min Scan# 1503

Delta R.T. 0.02 min

Lab File: BE097701.D

Acq: 28 Sep 2018 13:05

Instrument :

BNA_E

ClientSampleId :

PB113060BL

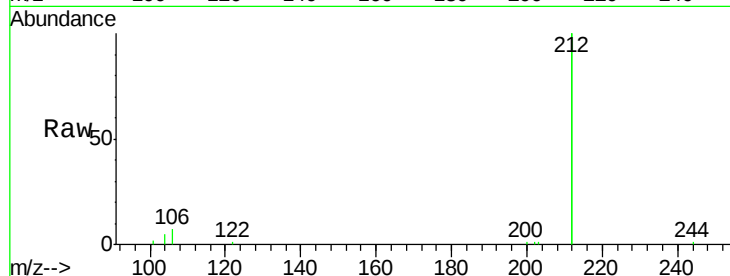
Tgt Ion:212 Resp: 15974

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

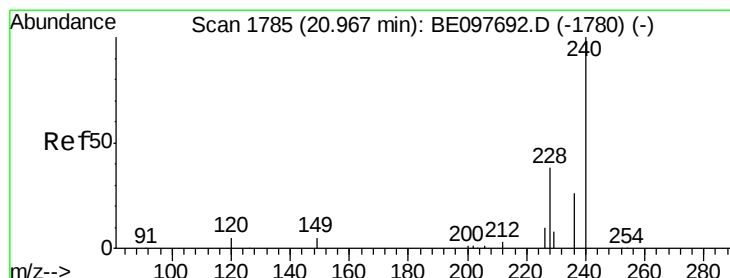
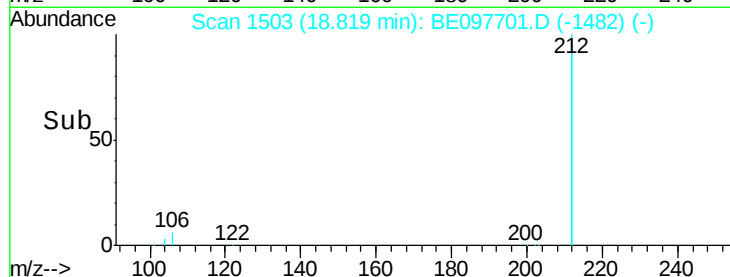
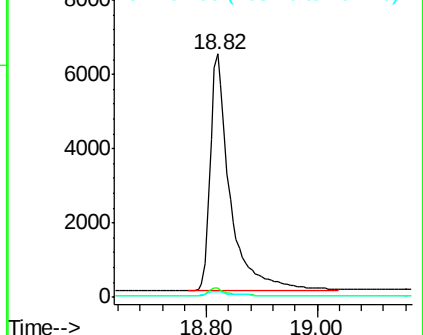
104 1.6 1.6 2.4



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: 20.98 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BE097701.D

Acq: 28 Sep 2018 13:05

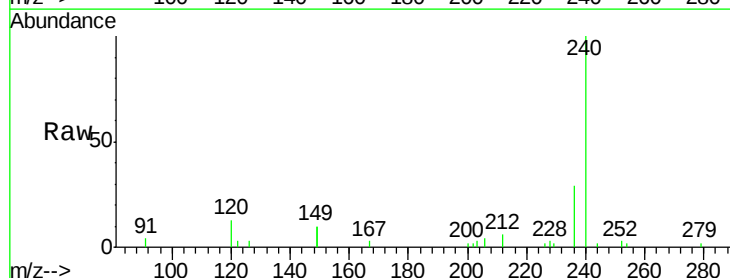
Tgt Ion:240 Resp: 4963

Ion Ratio Lower Upper

240 100

120 13.4 5.5 8.3#

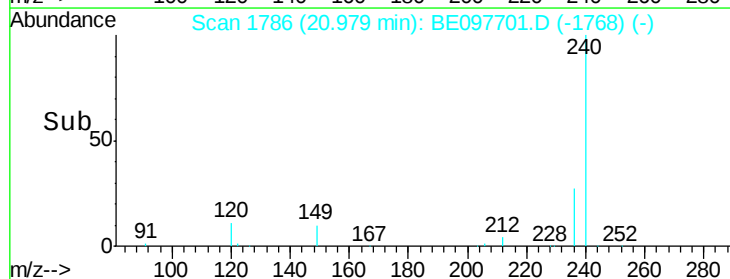
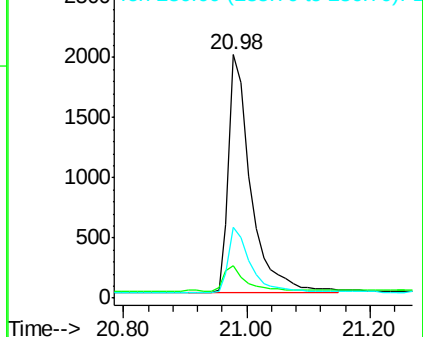
236 29.2 20.7 31.1

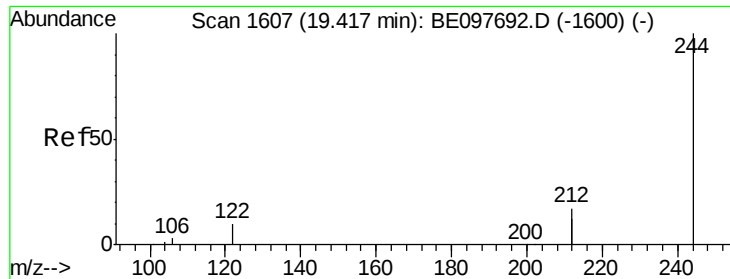


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.312 ng

RT: 19.42 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BE097701.D

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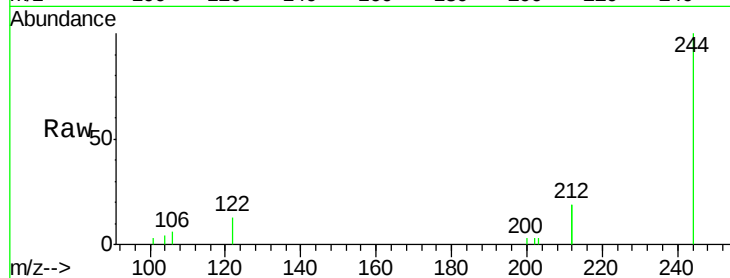
Tgt Ion:244 Resp: 3343

Ion Ratio Lower Upper

244 100

212 38.5 25.4 38.0#

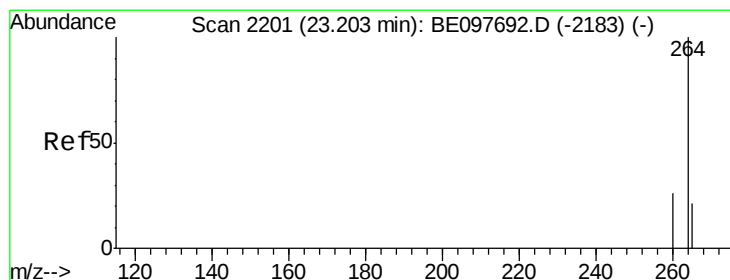
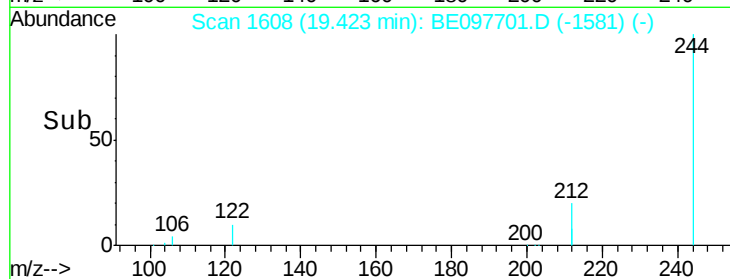
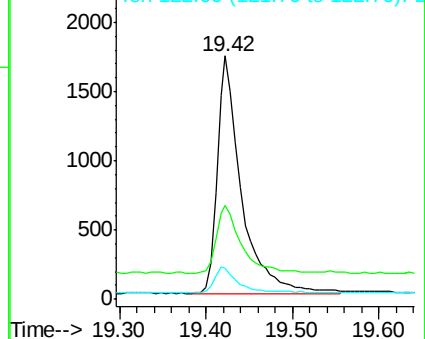
122 12.5 8.1 12.1#



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: 23.22 min Scan# 2205

Delta R.T. 0.01 min

Lab File: BE097701.D

Acq: 28 Sep 2018 13:05

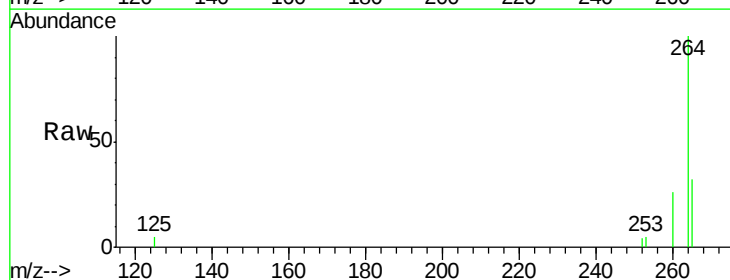
Tgt Ion:264 Resp: 5304

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

265 32.3 22.8 34.2



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

