

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE081018\
 Data File : BE097257.D
 Acq On : 10 Aug 2018 11:36
 Operator : SJ/JU
 Sample : PB111580BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB111580BL

Quant Time: Aug 10 16:16:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 10:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	952	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3934	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	1978	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	5700	0.40	ng	0.01
27) Chrysene-d12	20.98	240	5370	0.40	ng	0.00
34) Perylene-d12	23.21	264	5502	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	1072	0.40	ng	0.01
5) Phenol-d6	6.61	99	1176	0.30	ng	0.01
8) Nitrobenzene-d5	8.53	82	1375	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	2158	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.54	330	164	0.25	ng	0.02
15) 2-Fluorobiphenyl	12.64	172	3218	0.47	ng	0.01
25) Fluoranthene-d10	18.81	212	23780	0.42	ng	0.00
29) Terphenyl-d14	19.43	244	3770	0.37	ng	0.00

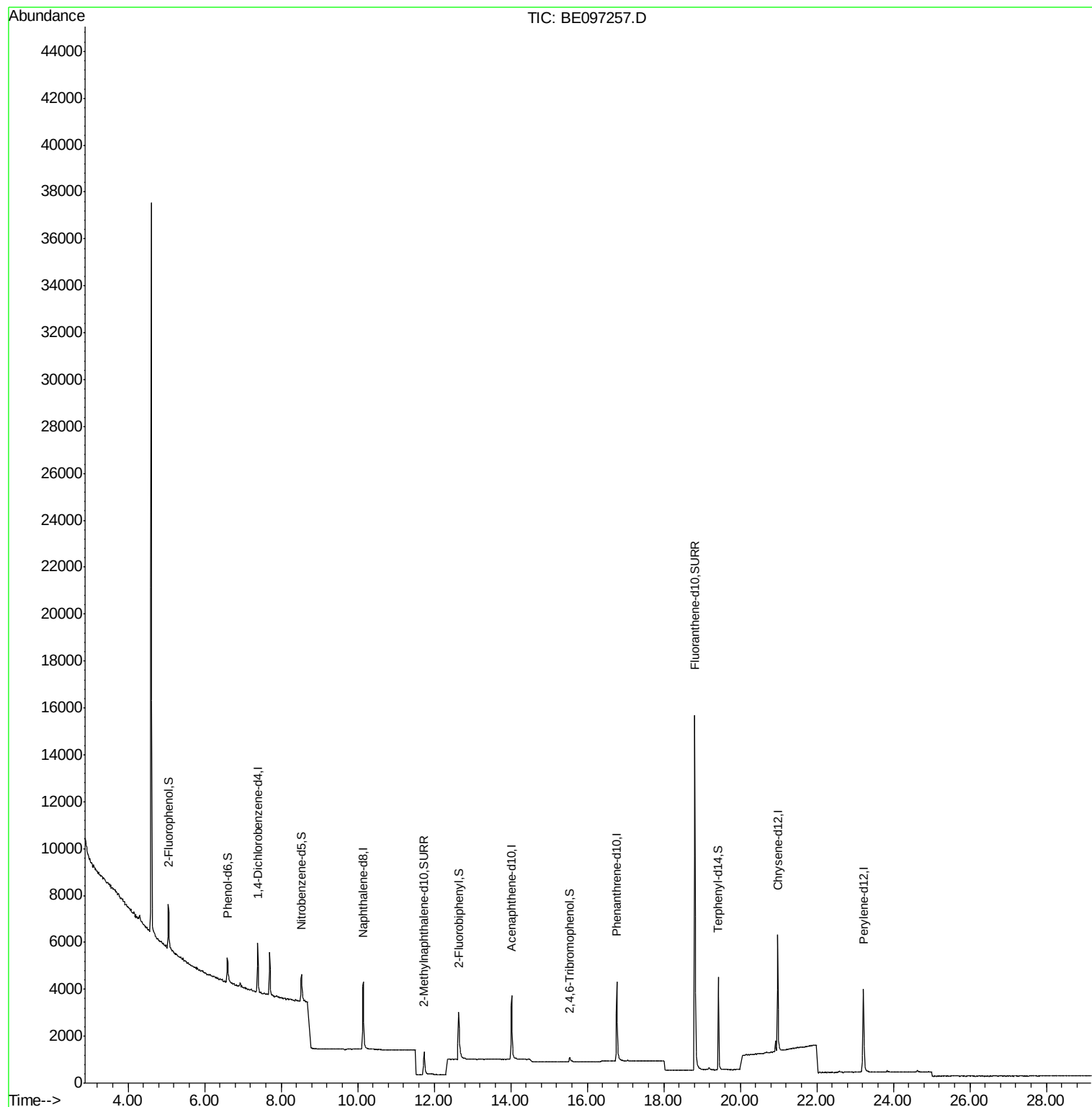
Target Compounds	Qvalue
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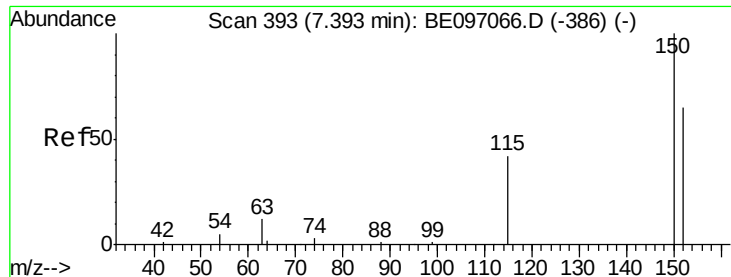
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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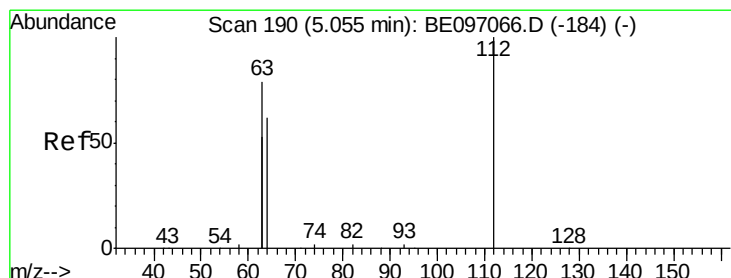
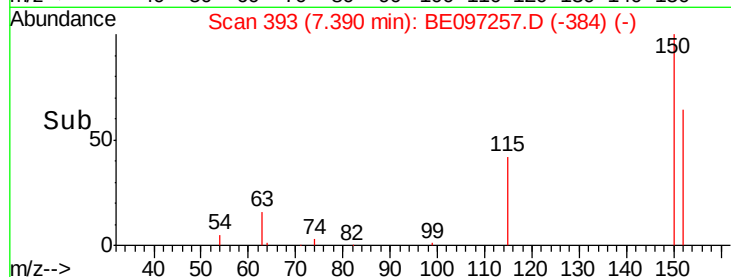
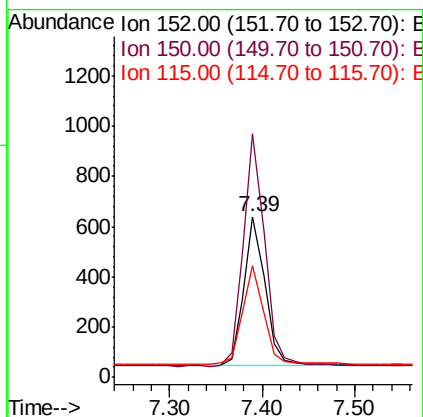
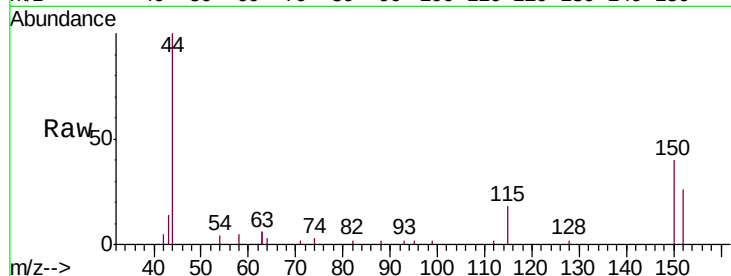


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097257.D
Acq: 10 Aug 2018 11:36

Instrument :
BNA_E
ClientSampleId :
PB111580BL

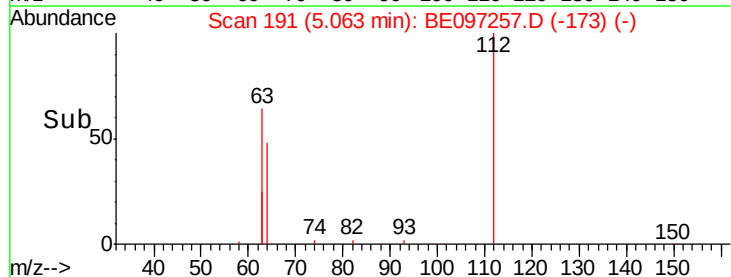
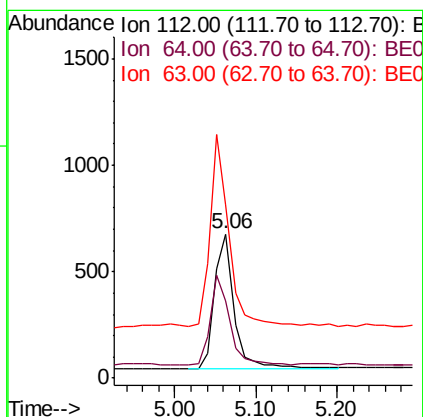
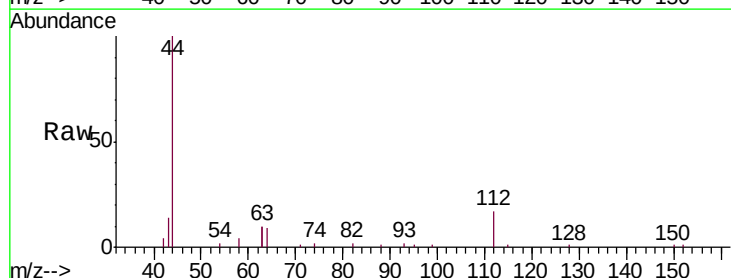
Tgt Ion:152 Resp: 952
Ion Ratio Lower Upper
152 100
150 151.4 117.2 175.8
115 69.4 57.0 85.6

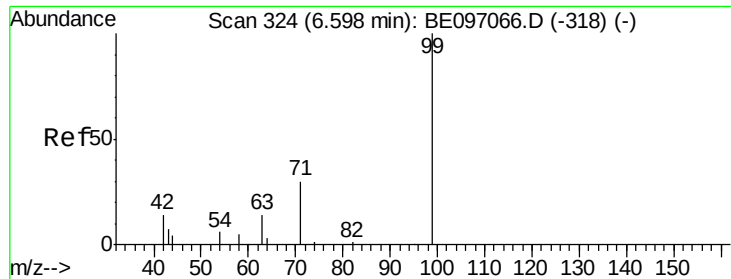


#4

2-Fluorophenol
Concen: 0.401 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097257.D
Acq: 10 Aug 2018 11:36

Tgt Ion:112 Resp: 1072
Ion Ratio Lower Upper
112 100
64 66.0 60.1 90.1
63 136.4 116.8 175.2





#5

Phenol-d6

Concen: 0.300 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

Instrument :

BNA_E

ClientSampleId :

PB111580BL

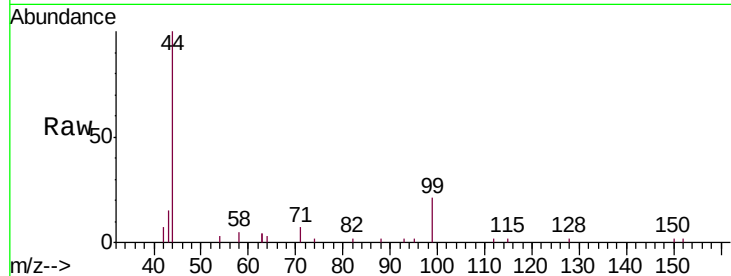
Tgt Ion: 99 Resp: 1176

Ion Ratio Lower Upper

99 100

42 25.9 20.2 30.2

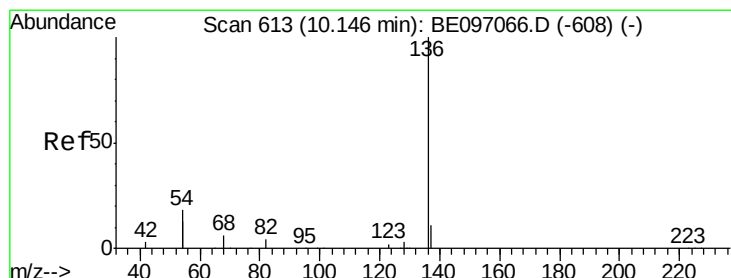
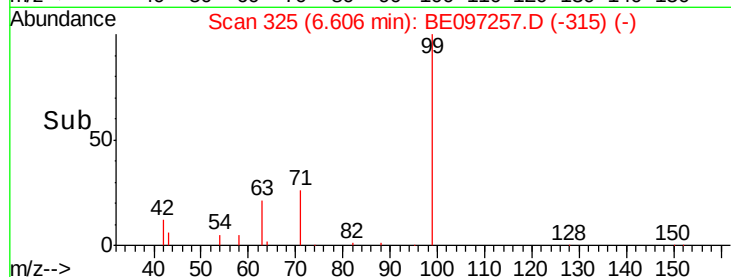
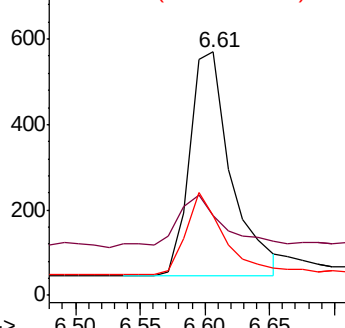
71 34.0 28.4 42.6



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

Tgt Ion: 136 Resp: 3934

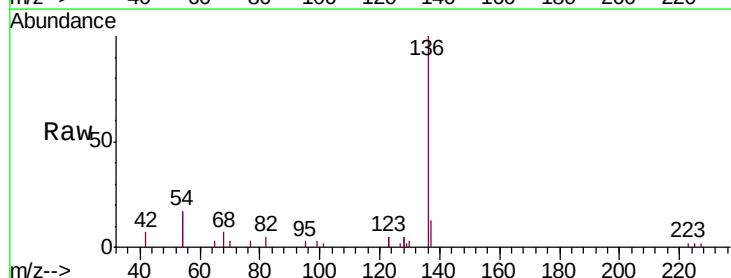
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 34.7 29.1 43.7

68 7.4 6.2 9.2

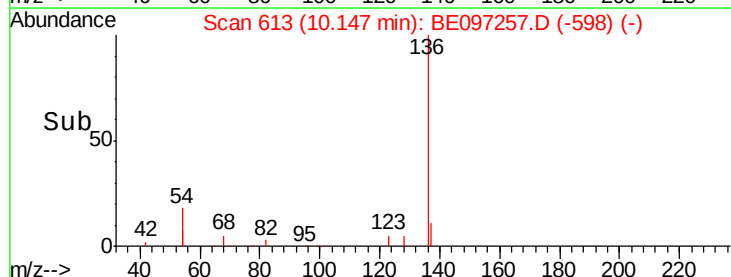
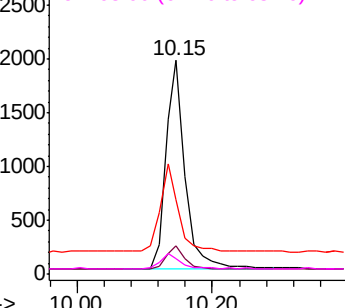


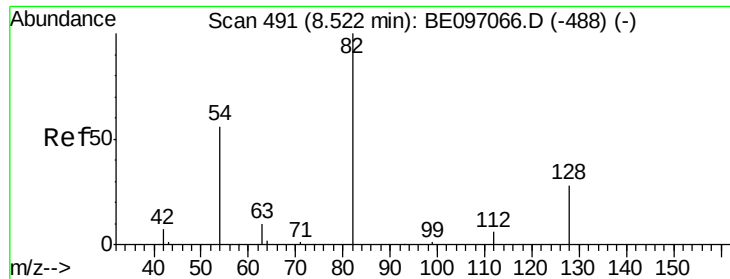
Abundance Ion 136.00 (135.70 to 136.70): E

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

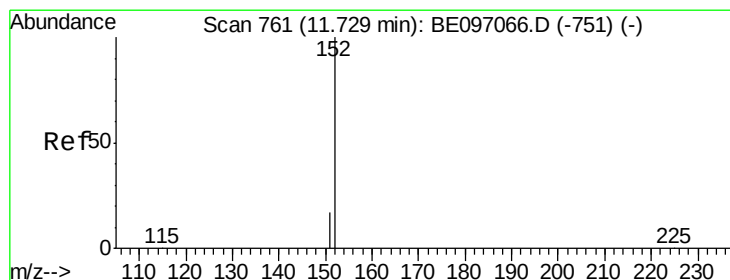
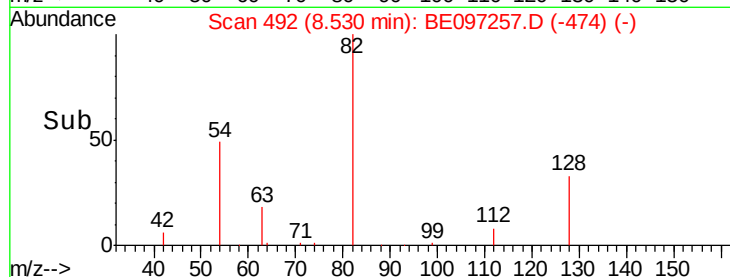
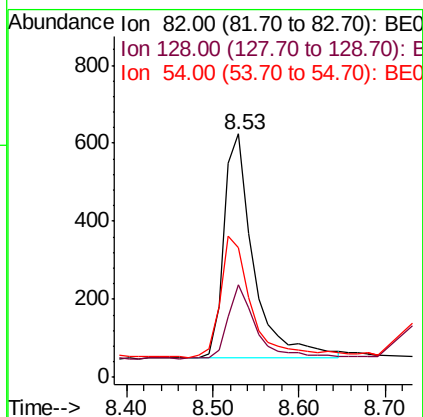
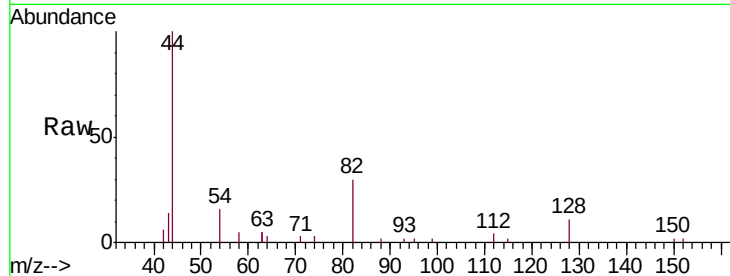




#8
 Nitrobenzene-d5
 Concen: 0.402 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BE097257.D
 Acq: 10 Aug 2018 11:36

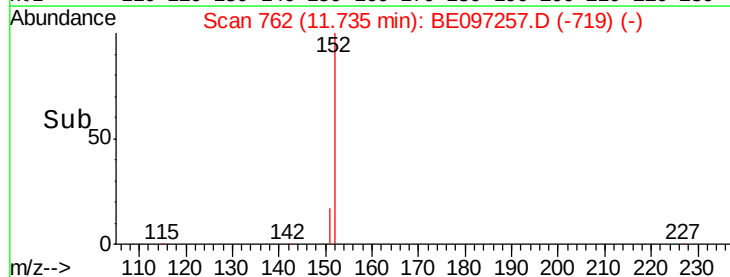
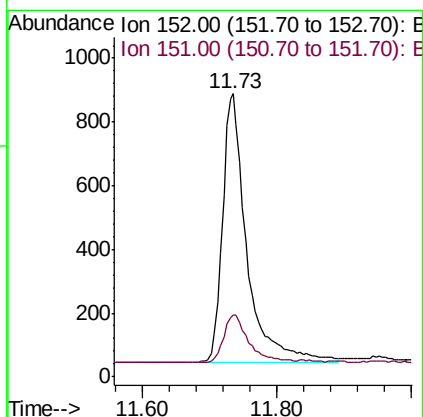
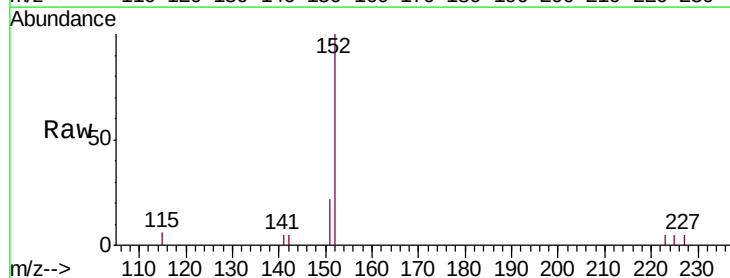
Instrument :
 BNA_E
 ClientSampleId :
 PB111580BL

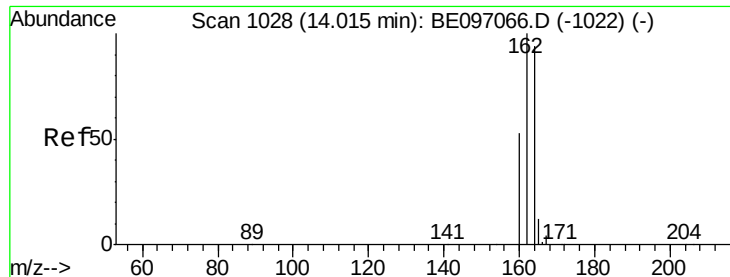
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	24.0	36.0#
54	53.4	40.0	60.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.366 ng
 RT: 11.73 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BE097257.D
 Acq: 10 Aug 2018 11:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

Instrument :

BNA_E

ClientSampleId :

PB111580BL

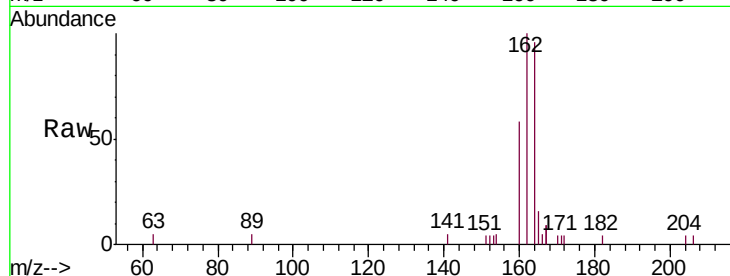
Tgt Ion:164 Resp: 1978

Ion Ratio Lower Upper

164 100

162 103.8 83.1 124.7

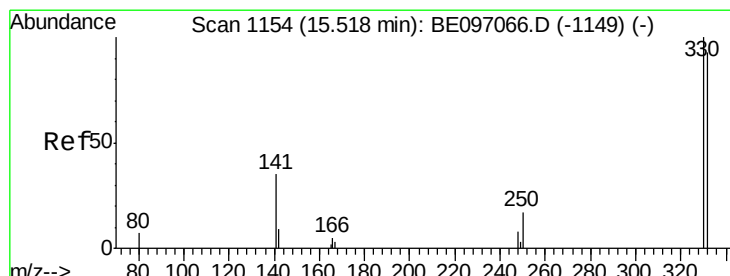
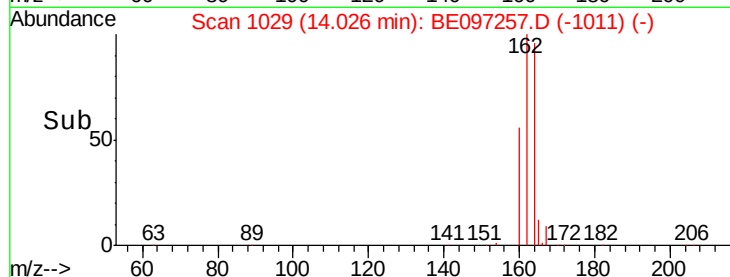
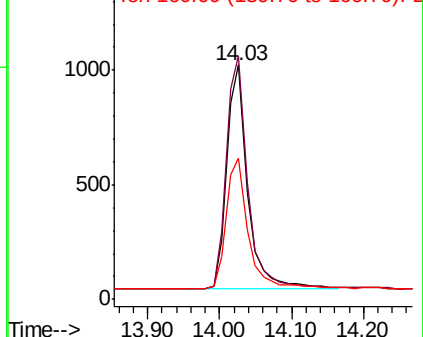
160 60.0 37.1 55.7#



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: 0.252 ng

RT: 15.54 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

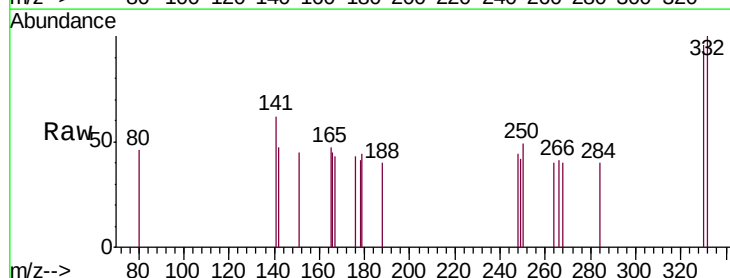
Tgt Ion:330 Resp: 164

Ion Ratio Lower Upper

330 100

332 95.1 152.7 229.1#

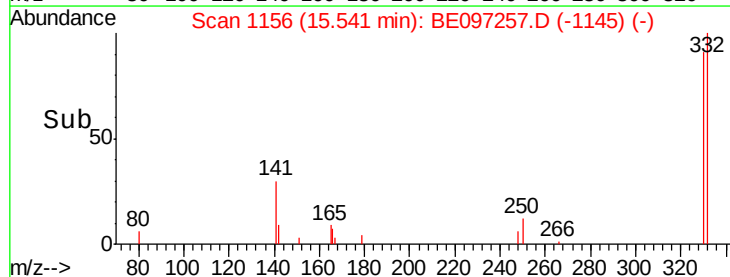
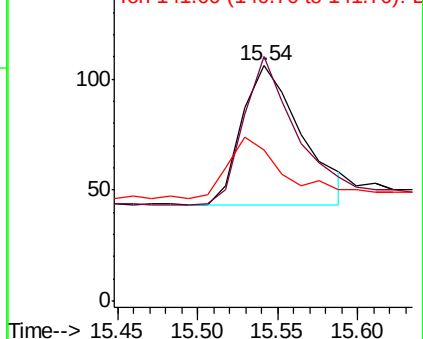
141 40.9 33.7 50.5

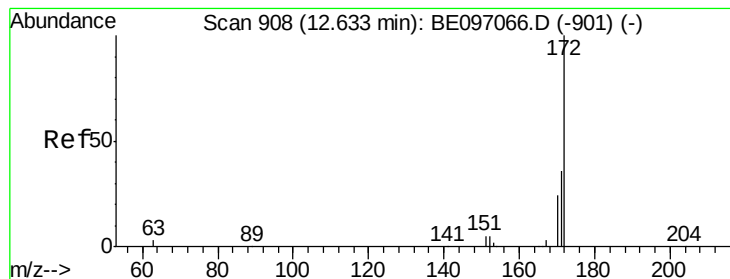


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

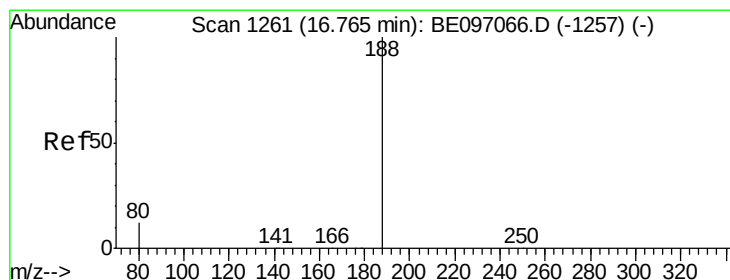
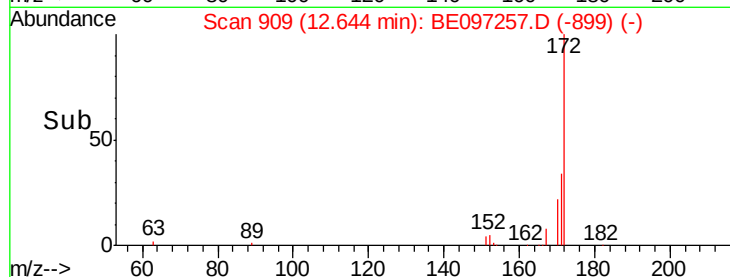
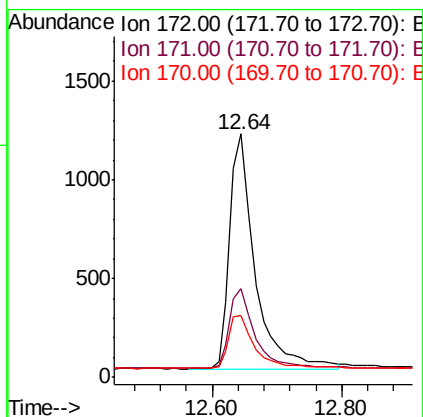
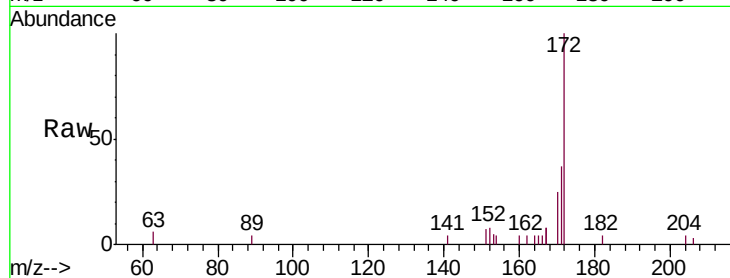




#15
 2-Fluorobiphenyl
 Concen: 0.471 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BE097257.D
 Acq: 10 Aug 2018 11:36

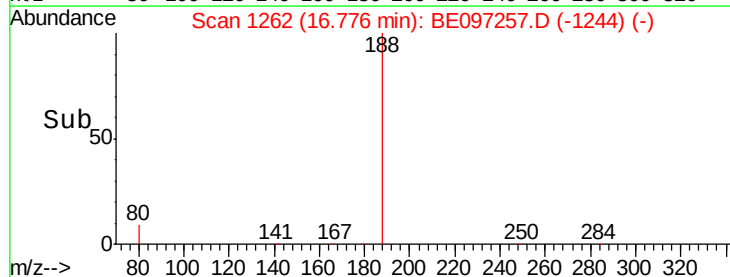
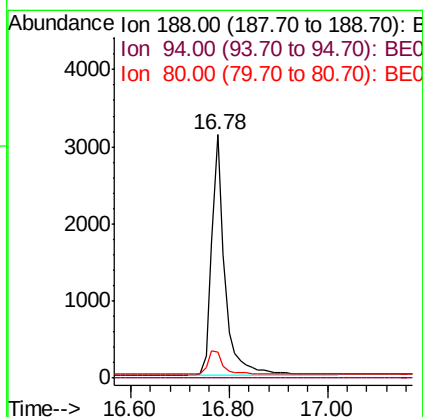
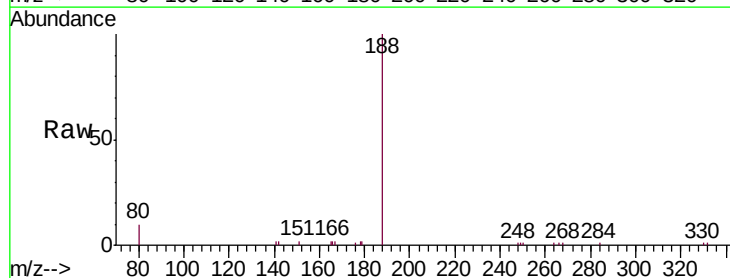
Instrument :
 BNA_E
 ClientSampleId :
 PB111580BL

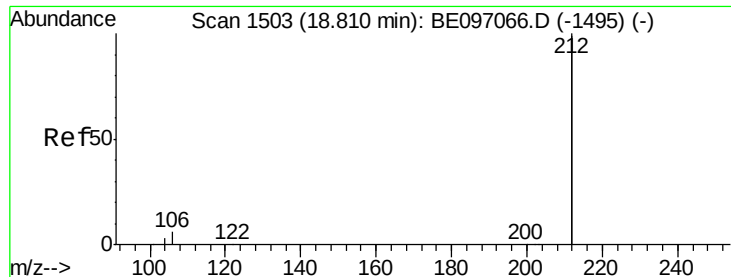
Tgt Ion:172 Resp: 3218
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.9 44.9
 170 25.2 21.8 32.8



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.78 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: BE097257.D
 Acq: 10 Aug 2018 11:36

Tgt Ion:188 Resp: 5700
 Ion Ratio Lower Upper
 188 100
 94 0.0 3.9 5.9#
 80 10.4 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.417 ng

RT: 18.81 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

Instrument :

BNA_E

ClientSampleId :

PB111580BL

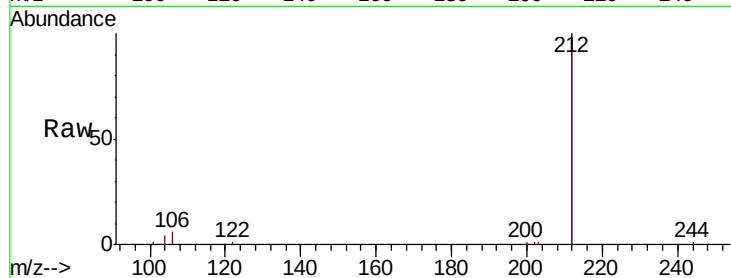
Tgt Ion:212 Resp: 23780

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

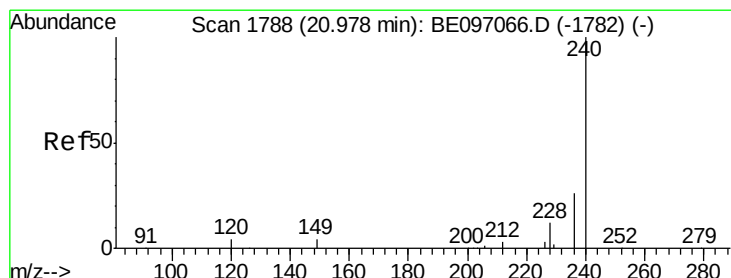
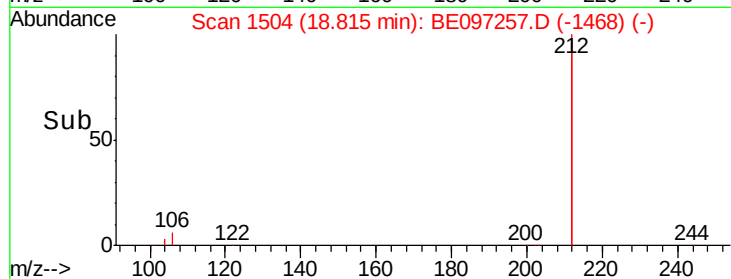
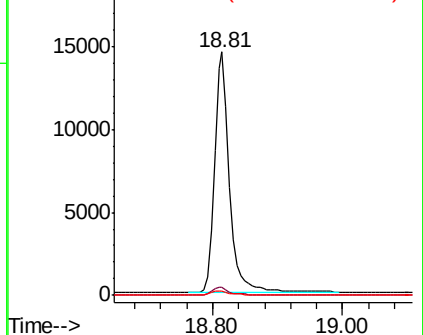
104 1.7 1.6 2.4



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# 1788

Delta R.T. 0.00 min

Lab File: BE097257.D

Acq: 10 Aug 2018 11:36

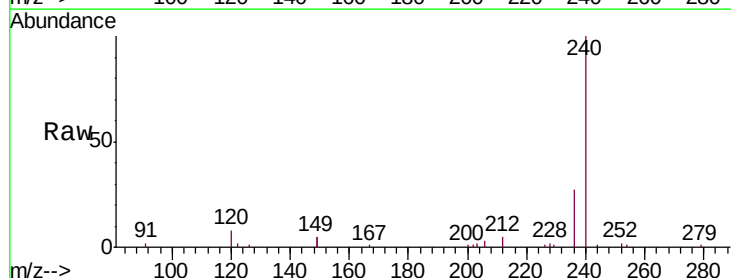
Tgt Ion:240 Resp: 5370

Ion Ratio Lower Upper

240 100

120 7.5 5.5 8.3

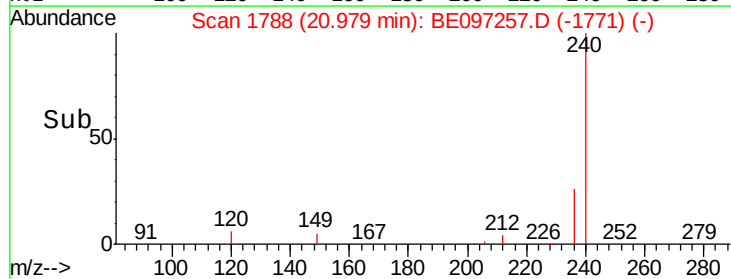
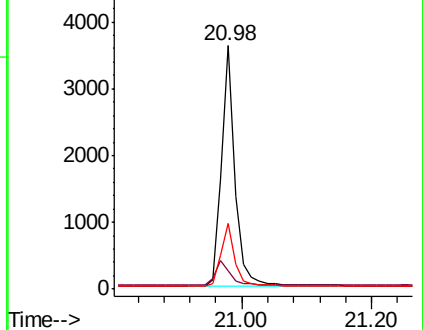
236 27.1 20.7 31.1

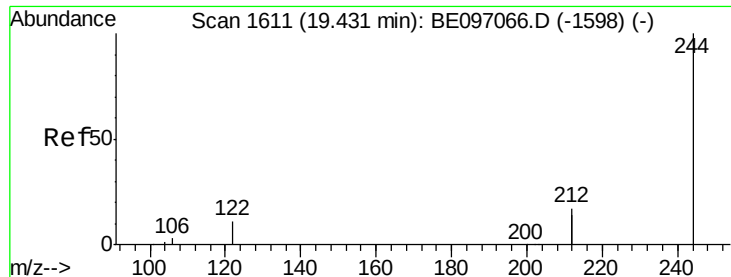


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

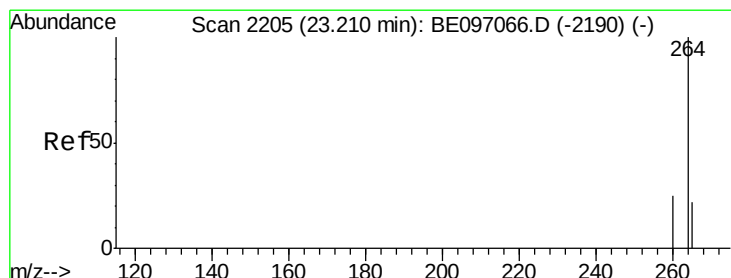
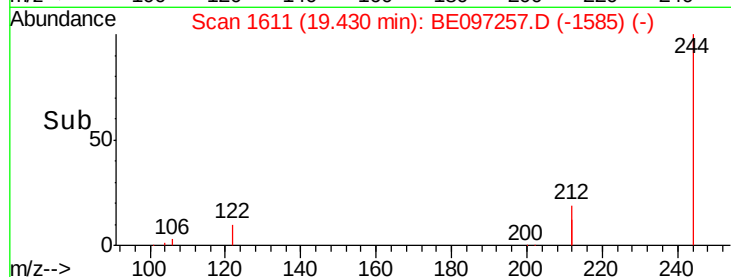
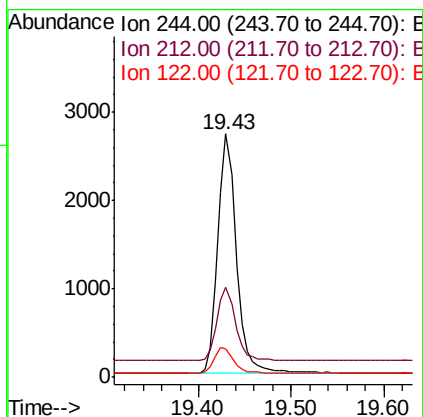
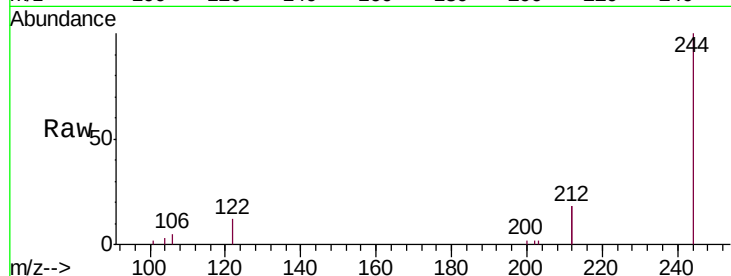




#29
 Terphenyl-d14
 Concen: 0.365 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE097257.D
 Acq: 10 Aug 2018 11:36

Instrument :
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 ClientSampleId :
 PB111580BL

Tgt Ion: 244 Resp: 3770
 Ion Ratio Lower Upper
 244 100
 212 36.7 25.4 38.0
 122 11.9 8.1 12.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE097257.D
 Acq: 10 Aug 2018 11:36

Tgt Ion: 264 Resp: 5502
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.5 30.7
 265 27.8 22.8 34.2

