

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
 Data File : BE089947.D
 Acq On : 26 Jun 2015 17:47
 Operator : TP/IZ
 Sample : G2782-30
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610204-150624

Quant Time: Jun 27 01:00:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 16:51:27 2015
 Response via : Initial Calibration

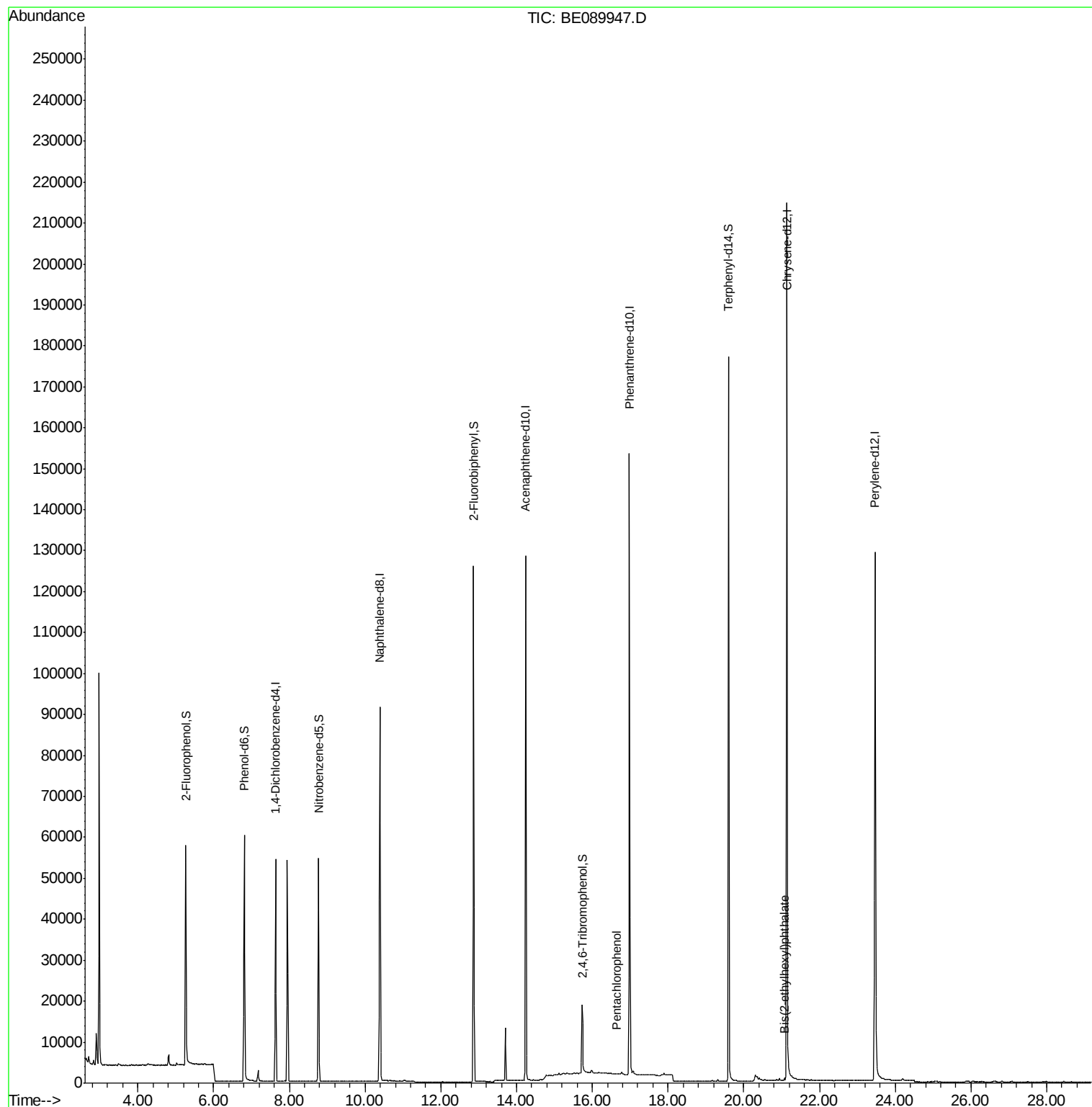
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	25280	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	116111	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	71550	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	177373	5.00	ng	0.00
25) Chrysene-d12	21.14	240	206011	5.00	ng	0.00
32) Perylene-d12	23.47	264	184038	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	38647	8.47	ng	0.00
5) Phenol-d6	6.81	99	61206	8.75	ng	0.00
7) Nitrobenzene-d5	8.77	82	45327	5.24	ng	0.00
13) 2,4,6-Tribromophenol	15.74	330	8380	6.69	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	111862	5.36	ng	0.00
27) Terphenyl-d14	19.60	244	184415	5.18	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	37	Below Cal	#	1
17) Fluorene	15.29	166	139	Below Cal	#	74
21) Pentachlorophenol	16.65	266	21	0.45 ng	#	55
30) Bis(2-ethylhexyl)phthalate	21.07	149	543	0.13 ng	#	97

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

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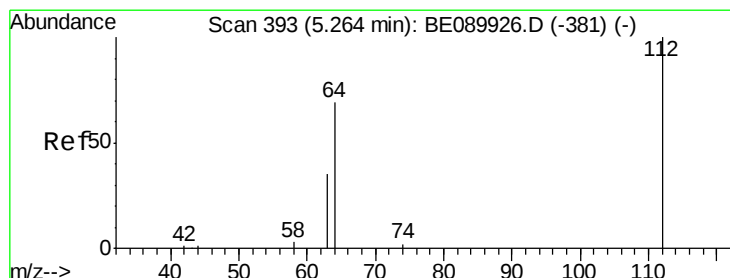
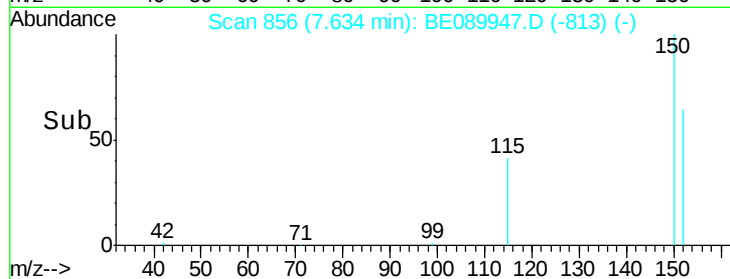
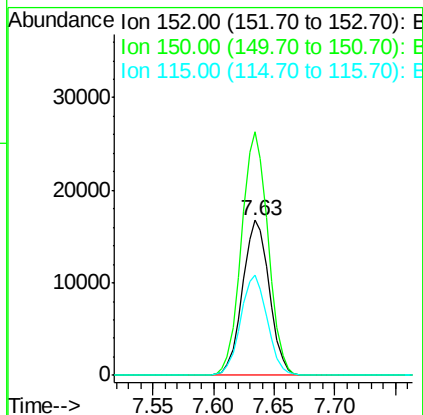
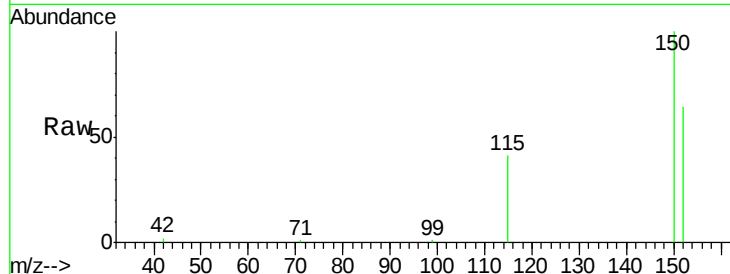


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089947.D
Acq: 26 Jun 2015 17:47

Instrument :
BNA_E
ClientSampleId :
X1SS0610204-150624

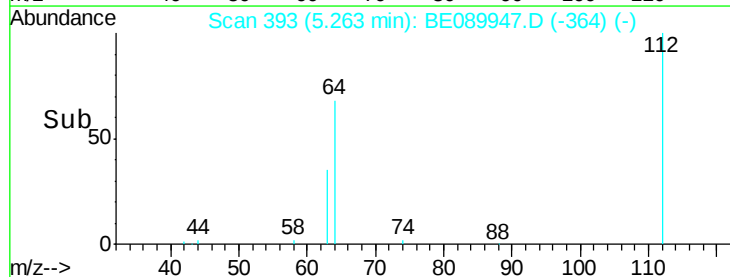
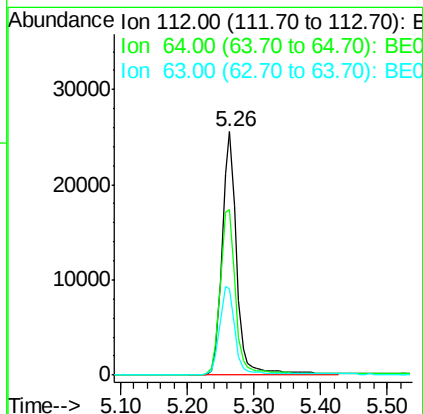
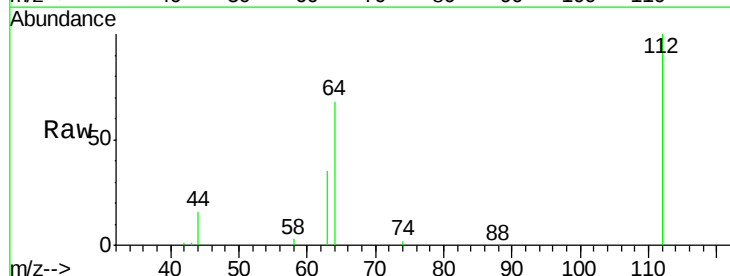
Tgt Ion:152 Resp: 25280
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 64.4 51.6 77.4

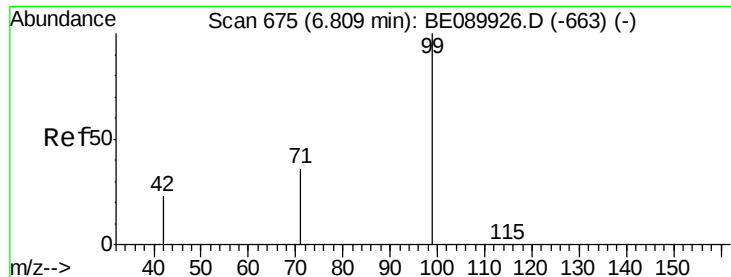


#4

2-Fluorophenol
Concen: 8.47 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089947.D
Acq: 26 Jun 2015 17:47

Tgt Ion:112 Resp: 38647
Ion Ratio Lower Upper
112 100
64 71.8 57.4 86.2
63 38.5 31.2 46.8





#5

Phenol-d6

Concen: 8.75 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE089947.D

Acq: 26 Jun 2015 17:47

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624

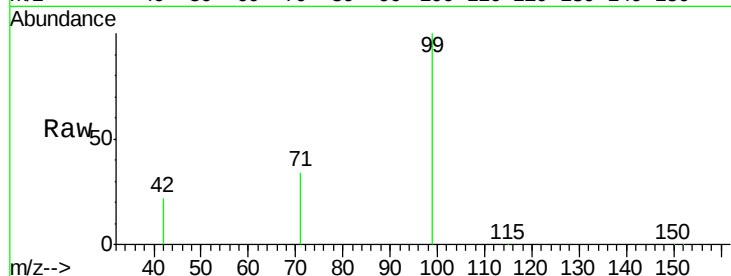
Tgt Ion: 99 Resp: 61206

Ion Ratio Lower Upper

99 100

42 22.4 19.5 29.3

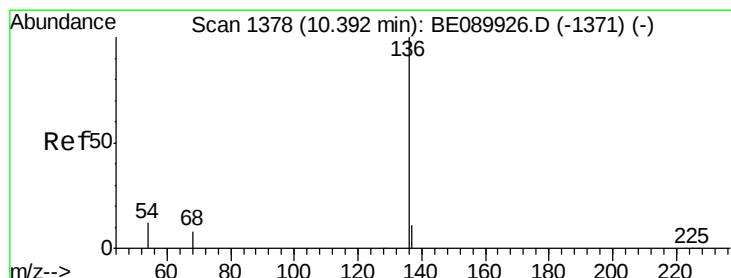
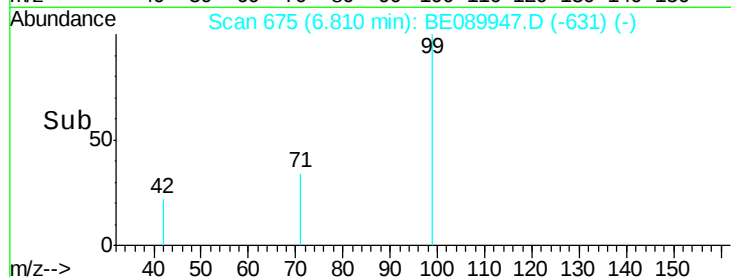
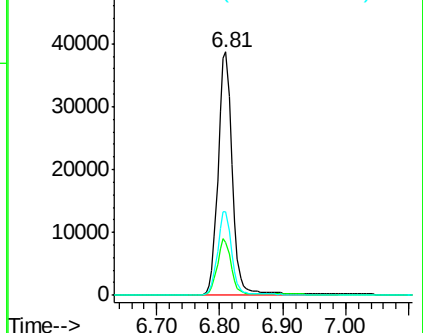
71 34.3 27.8 41.6



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

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BE089947.D

Acq: 26 Jun 2015 17:47

Tgt Ion: 136 Resp: 116111

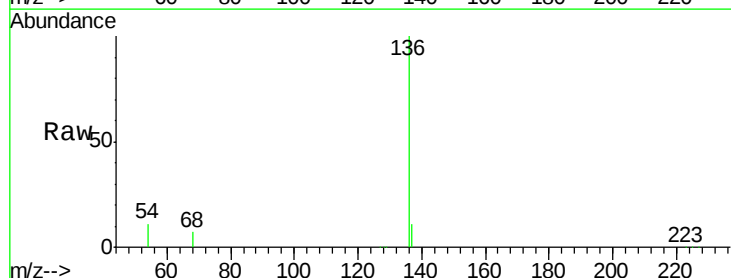
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.9 9.7 14.5

68 7.4 6.5 9.7

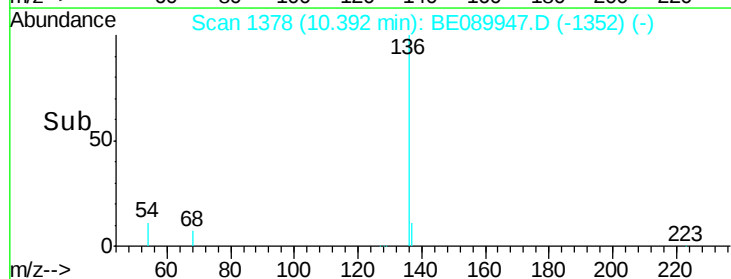
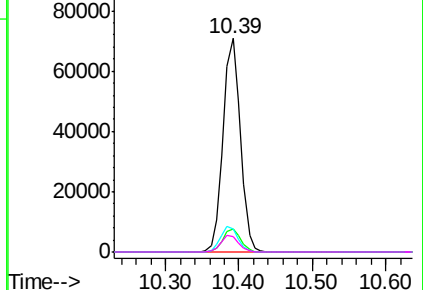


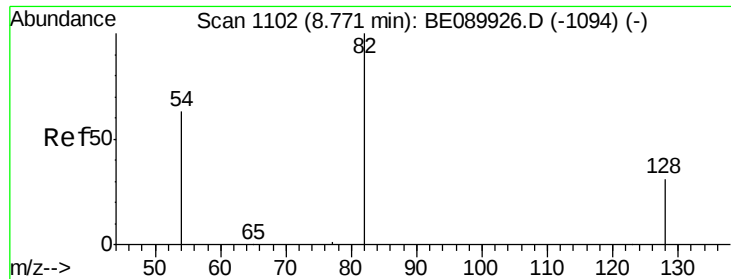
Abundance Ion 136.00 (135.70 to 136.70): E

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





#7

Nitrobenzene-d5

Concen: 5.24 ng

RT: 8.77 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BE089947.D

Acq: 26 Jun 2015 17:47

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624

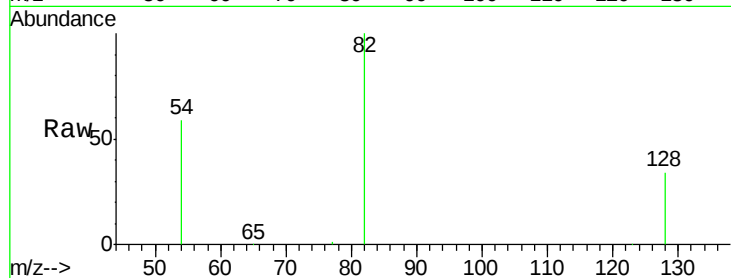
Tgt Ion: 82 Resp: 45327

Ion Ratio Lower Upper

82 100

128 34.3 25.6 38.4

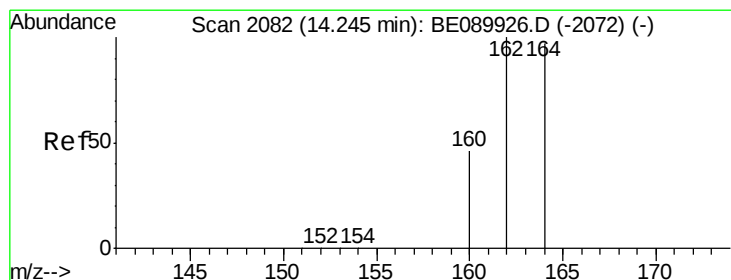
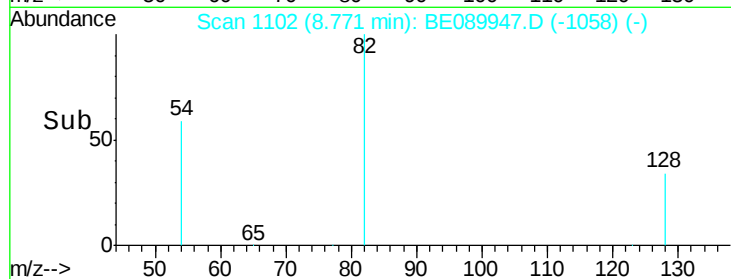
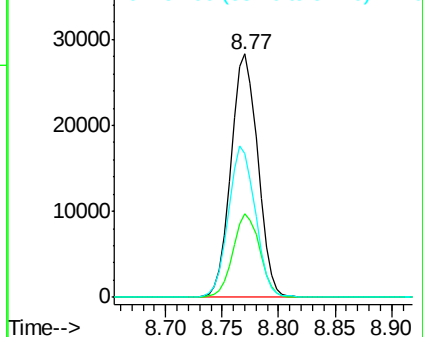
54 58.8 51.2 76.8



Abundance Ion 82.00 (81.70 to 82.70): BE089947.D (-1058) (-)

Ion 128.00 (127.70 to 128.70): BE089947.D (-1058) (-)

Ion 54.00 (53.70 to 54.70): BE089947.D (-1058) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.24 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BE089947.D

Acq: 26 Jun 2015 17:47

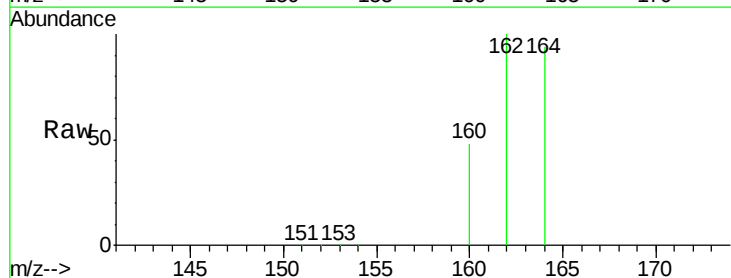
Tgt Ion: 164 Resp: 71550

Ion Ratio Lower Upper

164 100

162 106.3 82.7 124.1

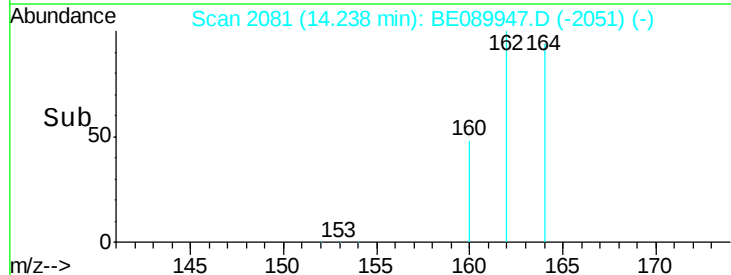
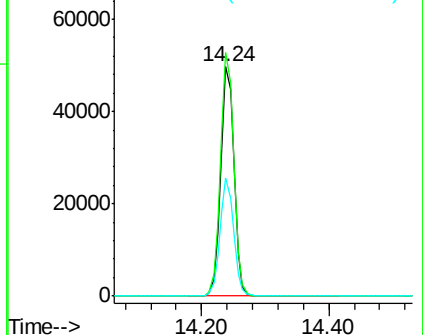
160 51.5 38.3 57.5

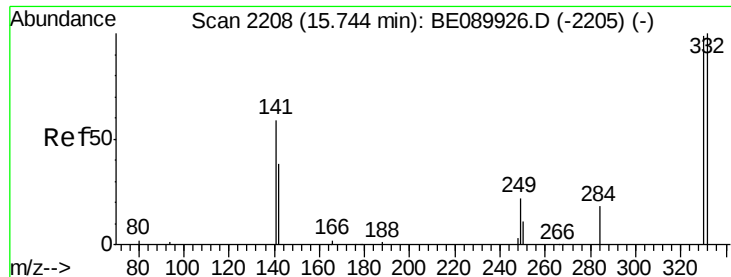


Abundance Ion 164.00 (163.70 to 164.70): BE089947.D (-2051) (-)

Ion 162.00 (161.70 to 162.70): BE089947.D (-2051) (-)

Ion 160.00 (159.70 to 160.70): BE089947.D (-2051) (-)

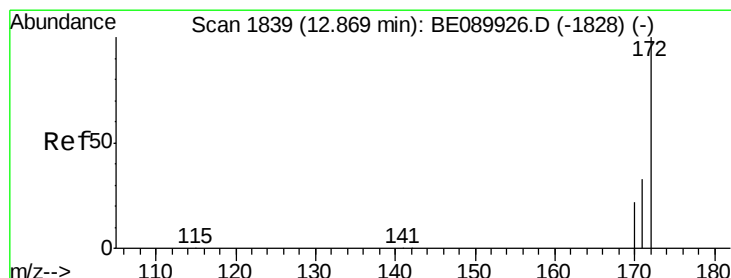
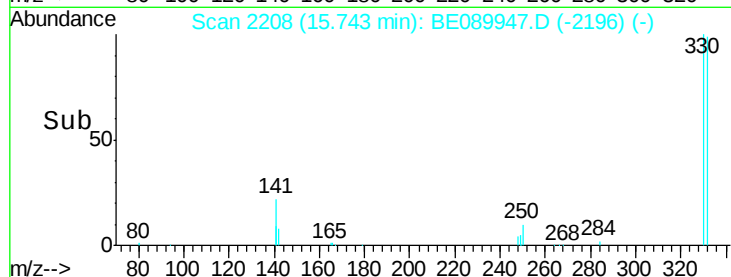
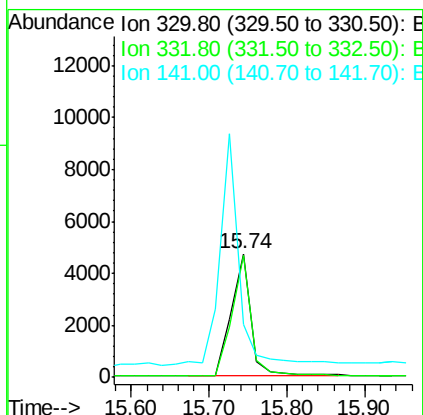
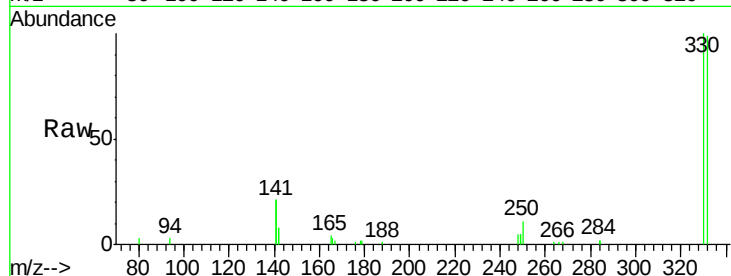




#13
 2,4,6-Tribromophenol
 Concen: 6.69 ng
 RT: 15.74 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE089947.D
 Acq: 26 Jun 2015 17:47

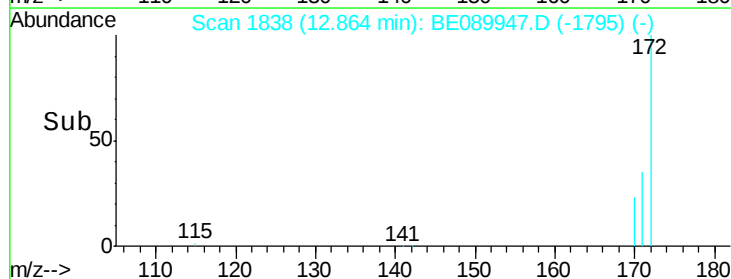
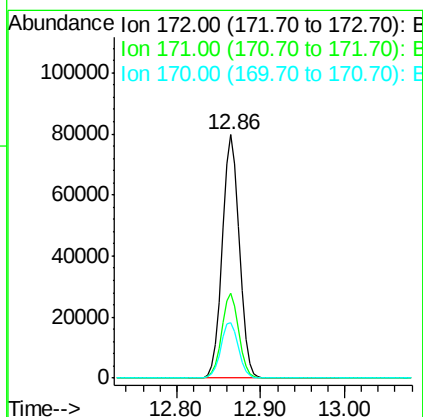
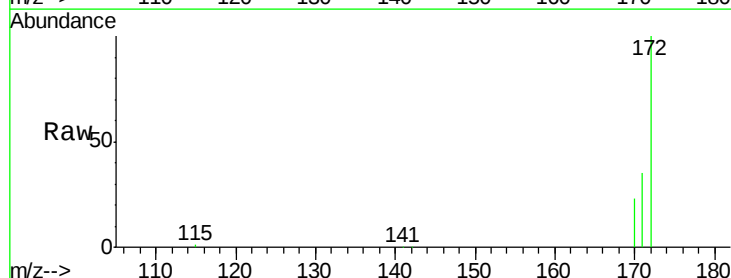
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0610204-150624

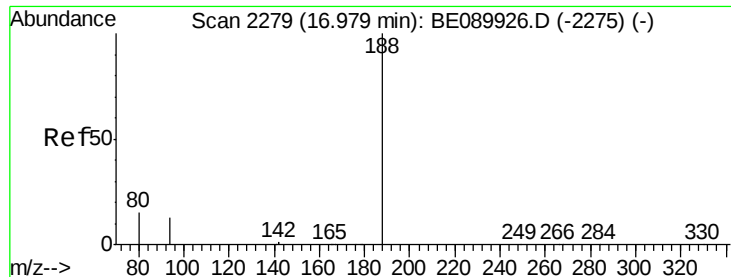
Tgt Ion:330 Resp: 8380
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.9 116.9
 141 175.8 142.8 214.2



#14
 2-Fluorobiphenyl
 Concen: 5.36 ng
 RT: 12.86 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BE089947.D
 Acq: 26 Jun 2015 17:47

Tgt Ion:172 Resp: 111862
 Ion Ratio Lower Upper
 172 100
 171 34.7 26.7 40.1
 170 22.9 17.5 26.3





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE089947.D

Acq: 26 Jun 2015 17:47

Instrument :

BNA_E

ClientSampleId :

X1SS0610204-150624

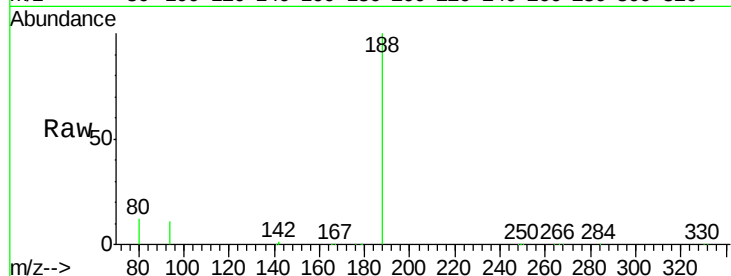
Tgt Ion:188 Resp: 177373

Ion Ratio Lower Upper

188 100

94 11.3 10.6 16.0

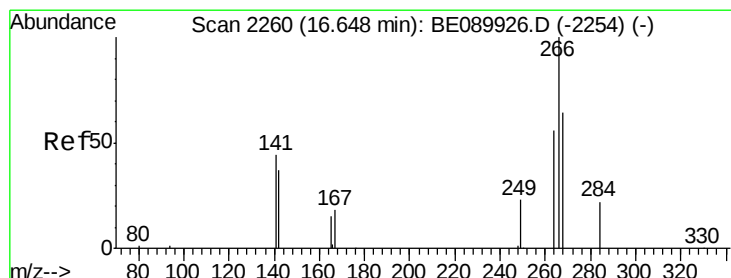
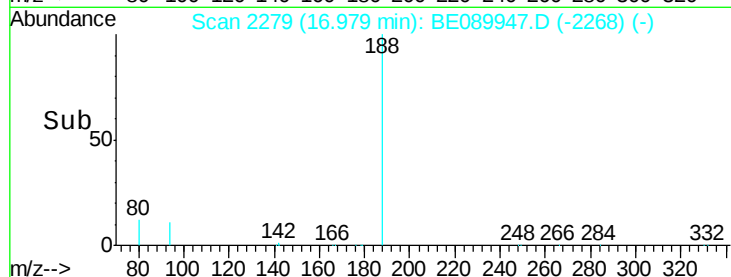
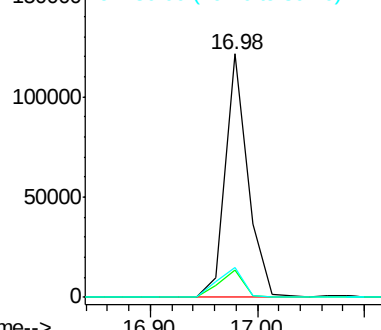
80 12.4 11.8 17.6



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



#21

Pentachlorophenol

Concen: 0.45 ng

RT: 16.65 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BE089947.D

Acq: 26 Jun 2015 17:47

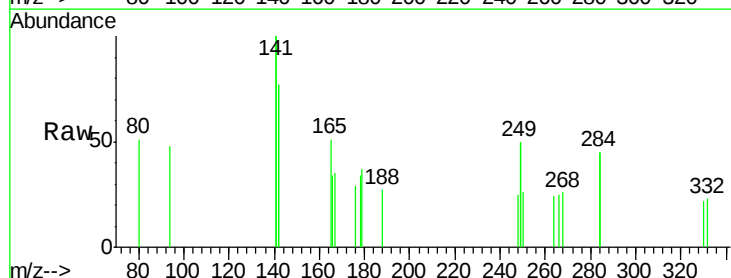
Tgt Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

268 101.9 54.4 81.6#

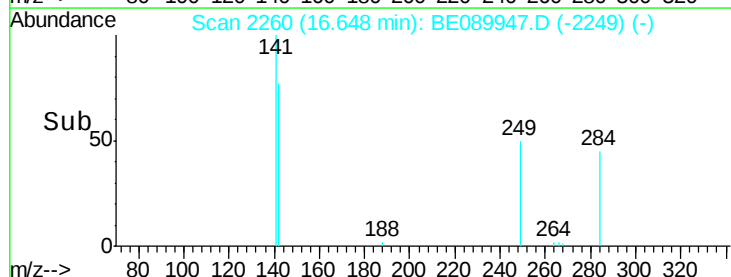
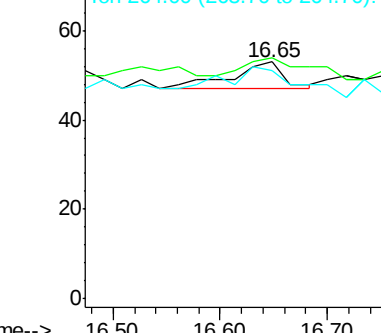
264 96.2 48.2 72.2#

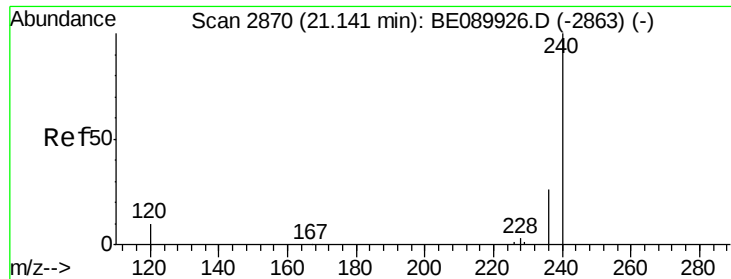


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.14 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BE089947.D

Acq: 26 Jun 2015 17:47

Instrument :

BNA_E

ClientSampleId :

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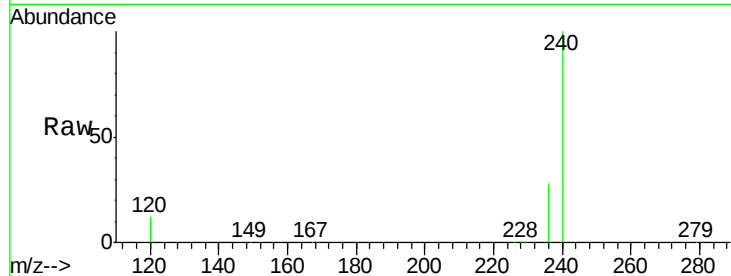
Tgt Ion:240 Resp: 206011

Ion Ratio Lower Upper

240 100

120 11.9 7.9 11.9

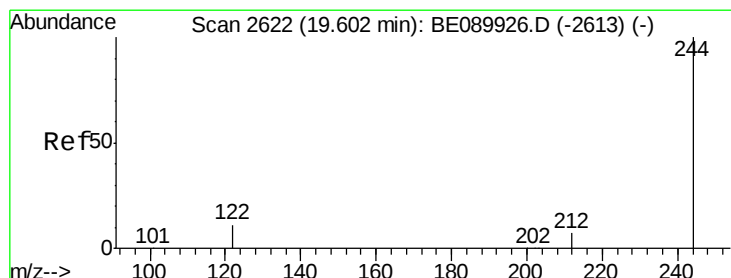
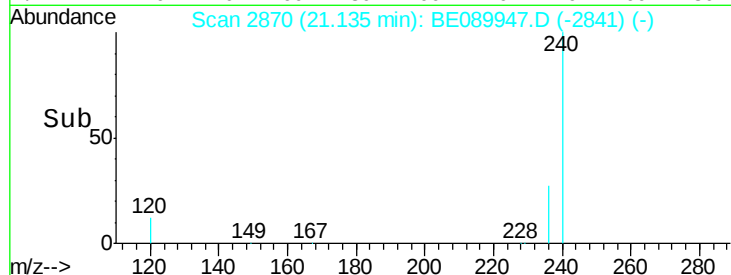
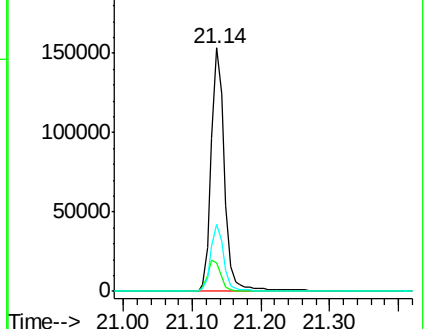
236 27.5 21.2 31.8



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



#27

Terphenyl-d14

Concen: 5.18 ng

RT: 19.60 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BE089947.D

Acq: 26 Jun 2015 17:47

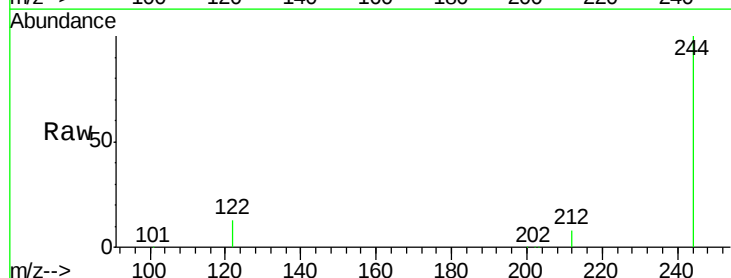
Tgt Ion:244 Resp: 184415

Ion Ratio Lower Upper

244 100

212 8.3 6.1 9.1

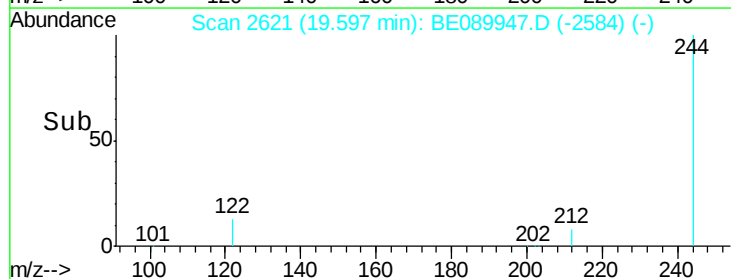
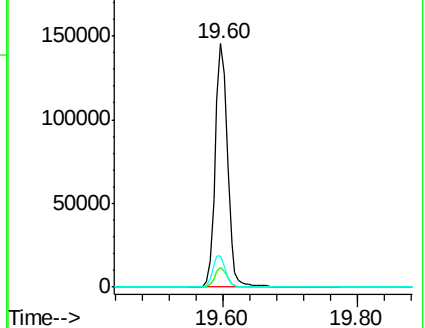
122 12.9 8.7 13.1

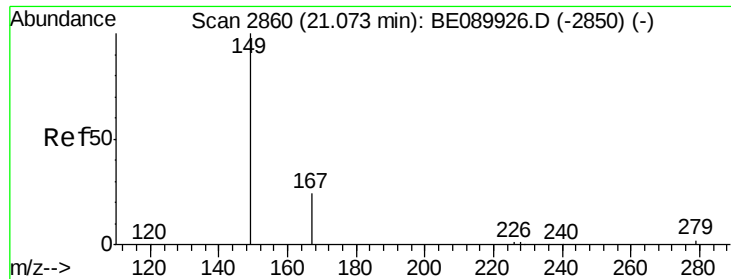


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.13 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE089947.D

Acq: 26 Jun 2015 17:47

Instrument :

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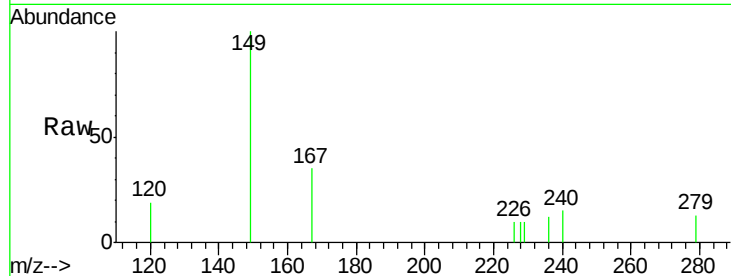
Tgt Ion:149 Resp: 543

Ion Ratio Lower Upper

149 100

167 24.3 20.3 30.5

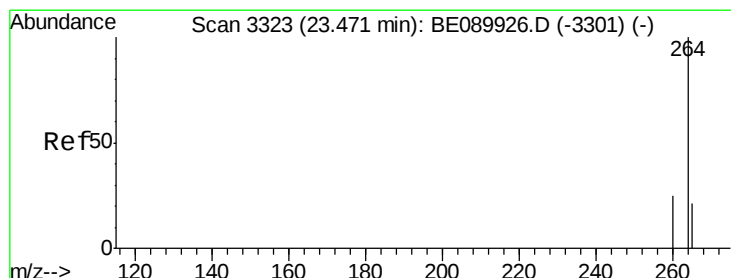
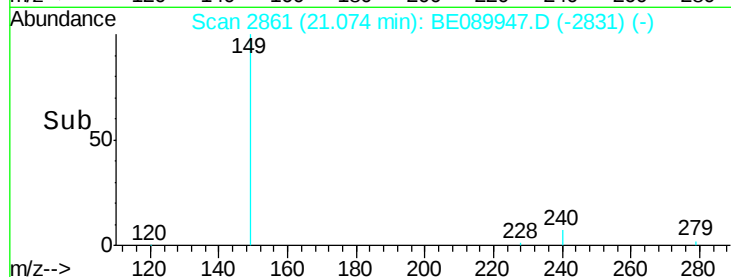
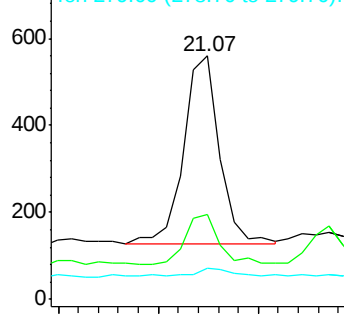
279 6.3 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.47 min Scan# 3322

Delta R.T. -0.01 min

Lab File: BE089947.D

Acq: 26 Jun 2015 17:47

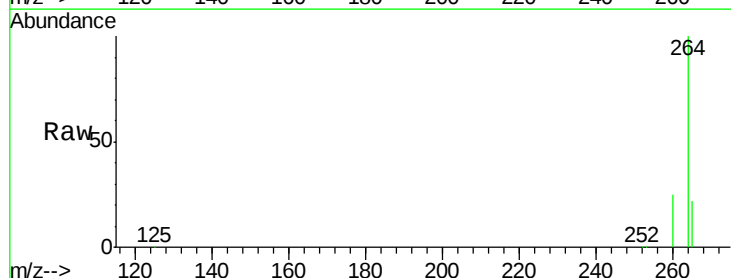
Tgt Ion:264 Resp: 184038

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

265 21.7 17.3 25.9



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

