

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
 Data File : BE089992.D
 Acq On : 29 Jun 2015 20:55
 Operator : TP/IZ
 Sample : PB84249BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84249BL

Quant Time: Jun 30 07:03:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

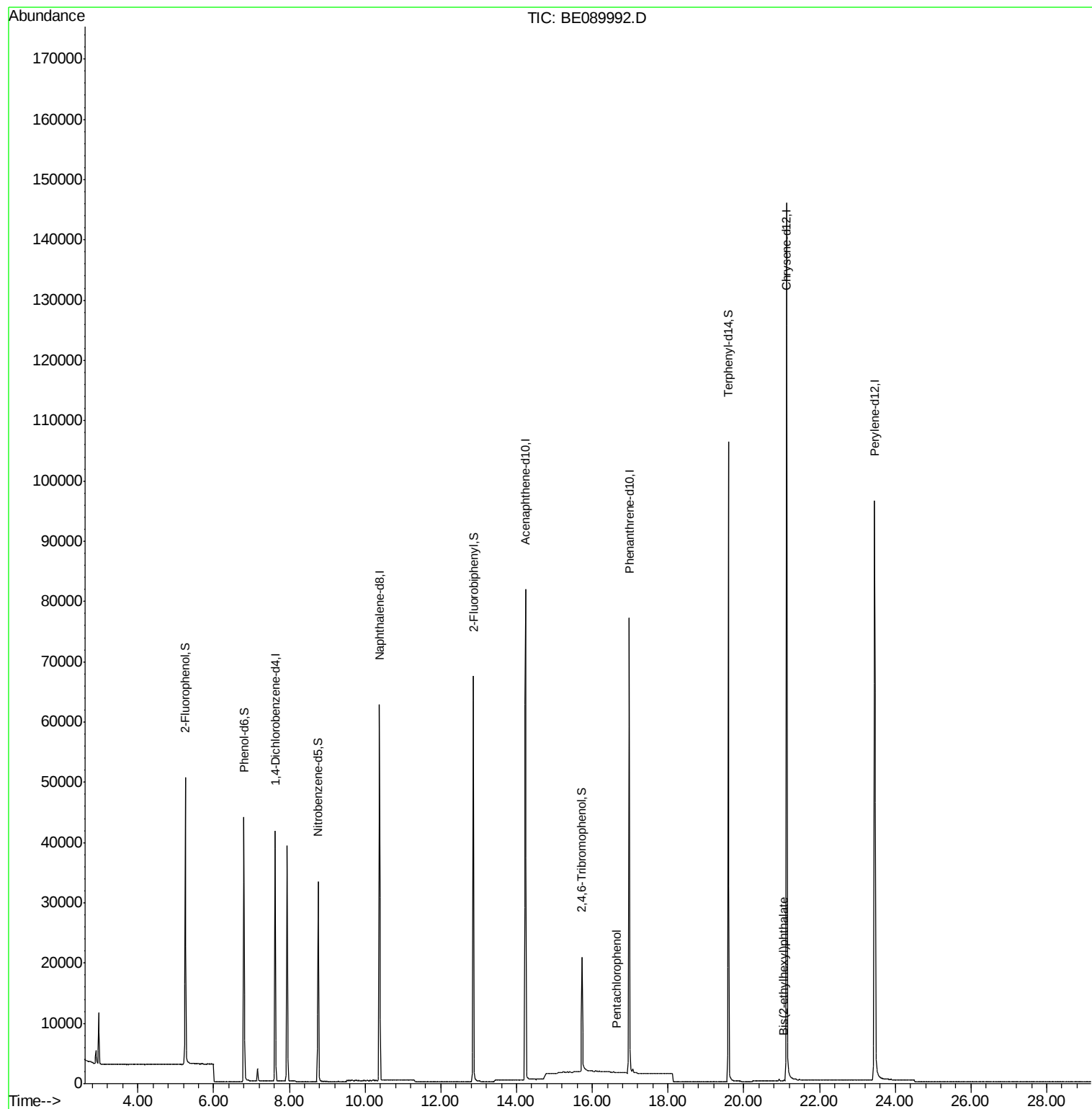
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	19395	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	79638	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	46615	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	114421	5.00	ng	0.00
25) Chrysene-d12	21.13	240	139001	5.00	ng	0.00
32) Perylene-d12	23.45	264	134061	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	32224	7.23	ng	0.00
5) Phenol-d6	6.80	99	44060	7.07	ng	0.00
7) Nitrobenzene-d5	8.76	82	27690	4.38	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	9082	6.65	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	63589	4.54	ng	0.00
27) Terphenyl-d14	19.59	244	108024	4.66	ng	0.00
Target Compounds						
21) Pentachlorophenol	16.65	266	11	0.26	ng	# 56
30) Bis(2-ethylhexyl)phthalate	21.06	149	64	0.31	ng	# 89

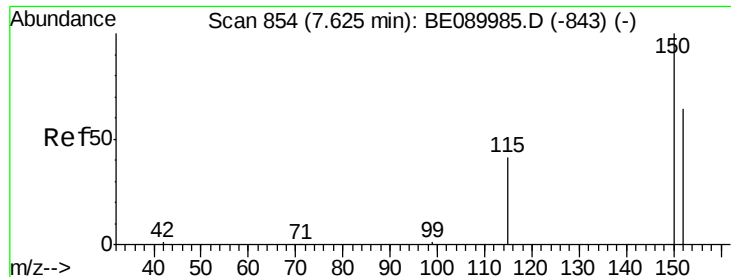
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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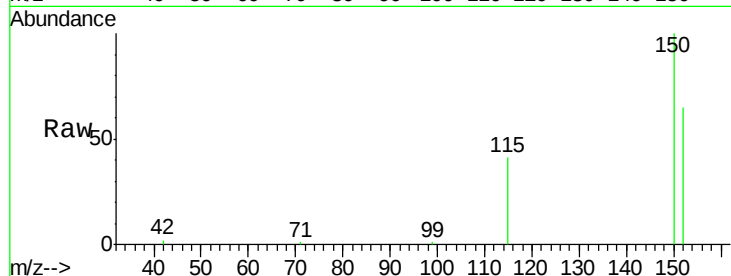


#1

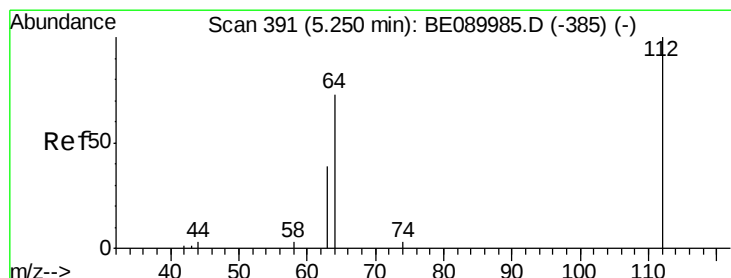
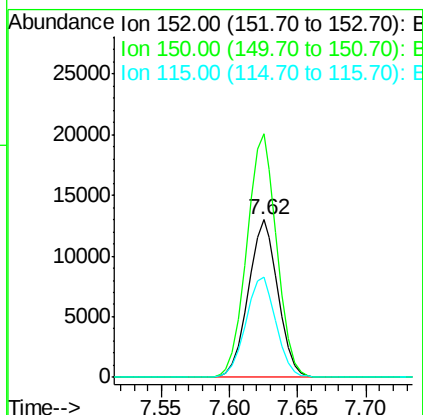
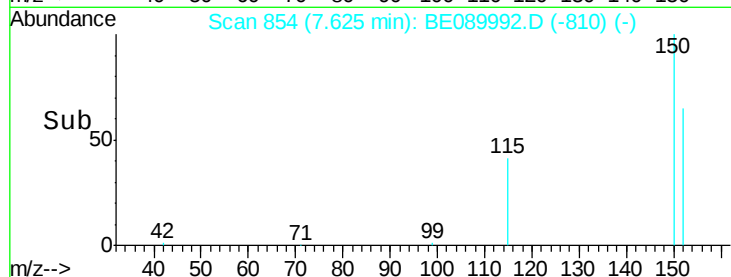
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 854
Delta R.T. 0.00 min
Lab File: BE089992.D
Acq: 29 Jun 2015 20:55

Instrument :
BNA_E
ClientSampled :
PB84249BL

Tgt Ion:152 Resp: 19395
Ion Ratio Lower Upper
152 100
150 154.7 123.9 185.9
115 63.8 50.6 76.0



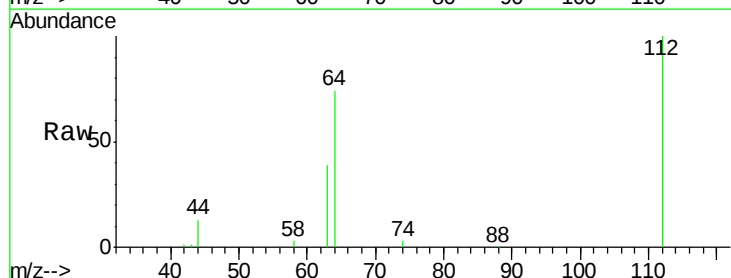
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



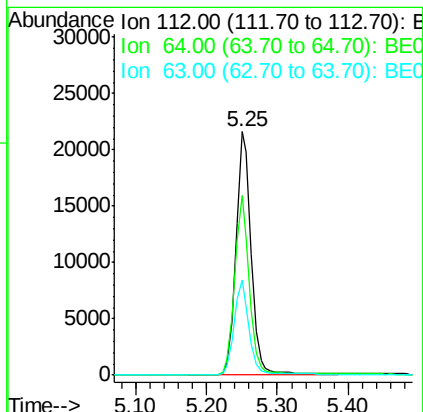
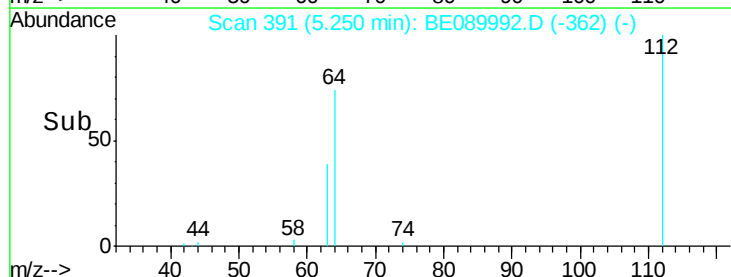
#4

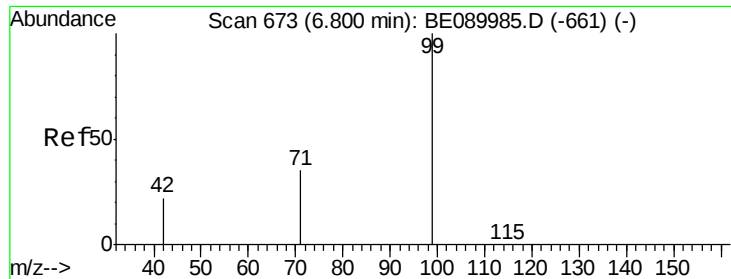
2-Fluorophenol
Concen: 7.23 ng
RT: 5.25 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE089992.D
Acq: 29 Jun 2015 20:55

Tgt Ion:112 Resp: 32224
Ion Ratio Lower Upper
112 100
64 72.0 56.3 84.5
63 37.6 29.8 44.6



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: 7.07 ng

RT: 6.80 min Scan# 673

Delta R.T. 0.00 min

Lab File: BE089992.D

Acq: 29 Jun 2015 20:55

Instrument :

BNA_E

ClientSampleId :

PB84249BL

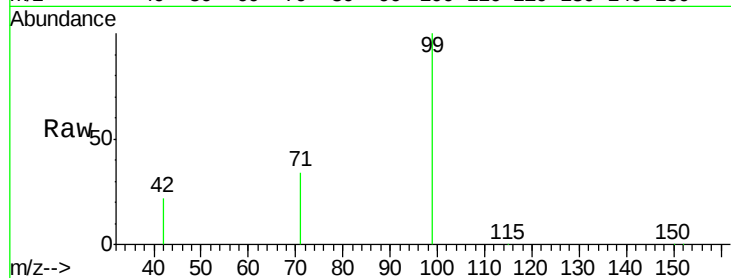
Tgt Ion: 99 Resp: 44060

Ion Ratio Lower Upper

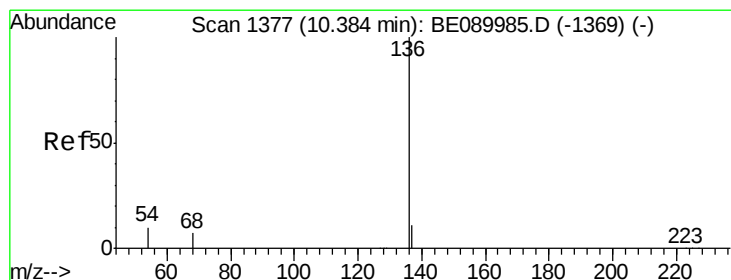
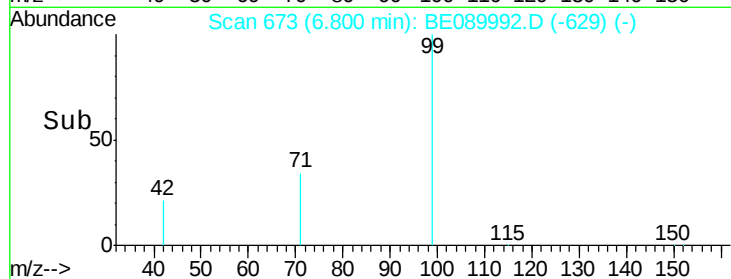
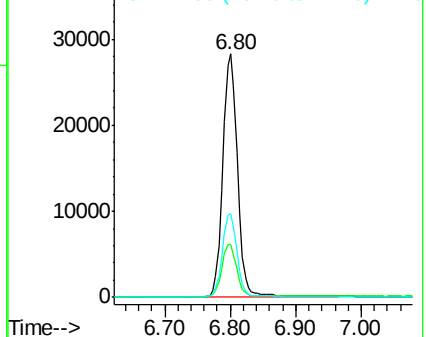
99 100

42 21.8 18.7 28.1

71 34.3 27.5 41.3



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: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE089992.D

Acq: 29 Jun 2015 20:55

Tgt Ion: 136 Resp: 79638

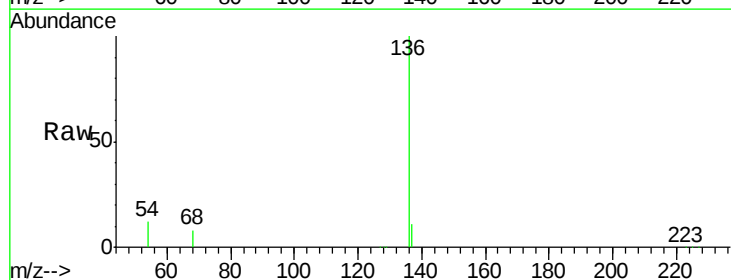
Ion Ratio Lower Upper

136 100

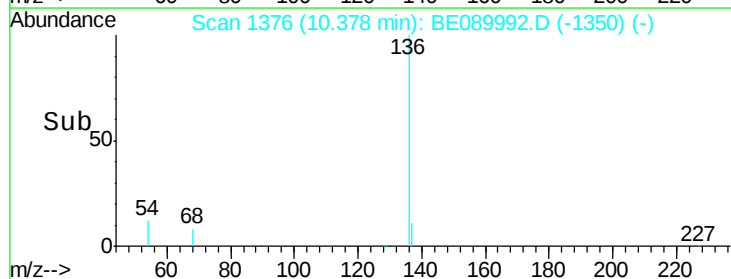
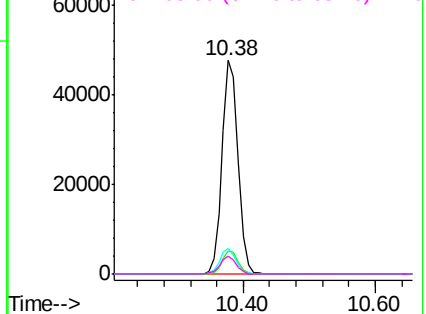
137 11.0 8.9 13.3

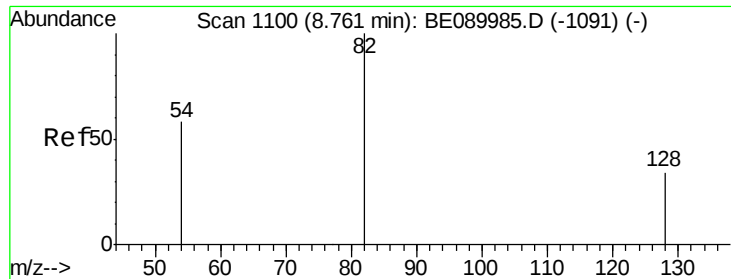
54 12.2 8.2 12.4

68 8.3 5.8 8.8



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: 4.38 ng

RT: 8.76 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE089992.D

Acq: 29 Jun 2015 20:55

Instrument :

BNA_E

ClientSampleId :

PB84249BL

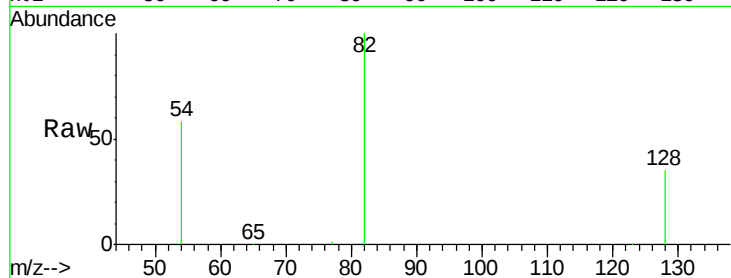
Tgt Ion: 82 Resp: 27690

Ion Ratio Lower Upper

82 100

128 34.7 28.0 42.0

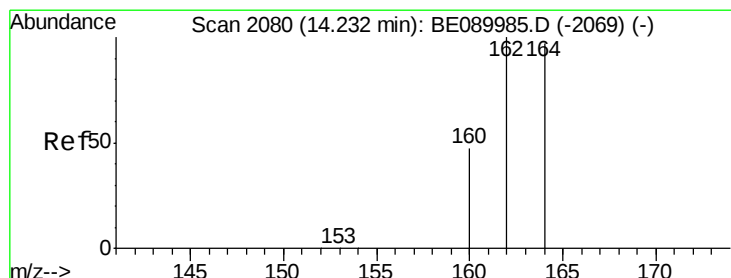
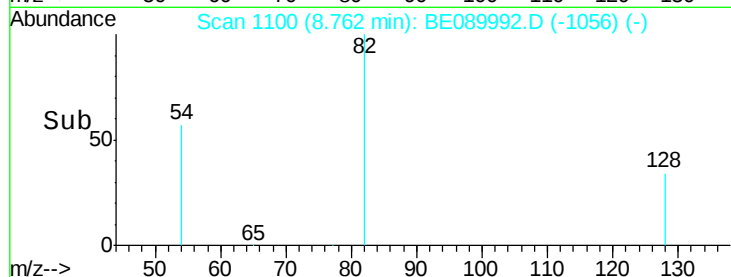
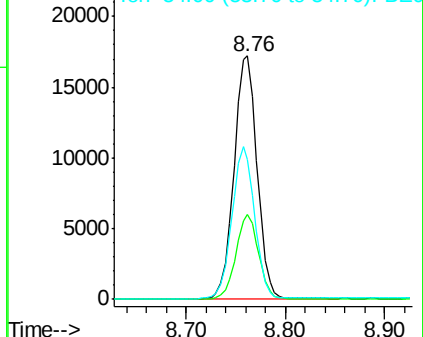
54 57.6 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.23 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BE089992.D

Acq: 29 Jun 2015 20:55

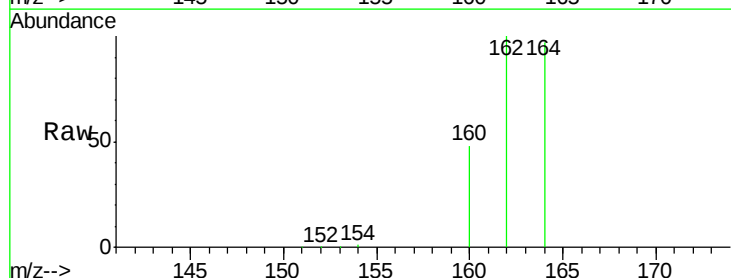
Tgt Ion: 164 Resp: 46615

Ion Ratio Lower Upper

164 100

162 103.1 82.2 123.4

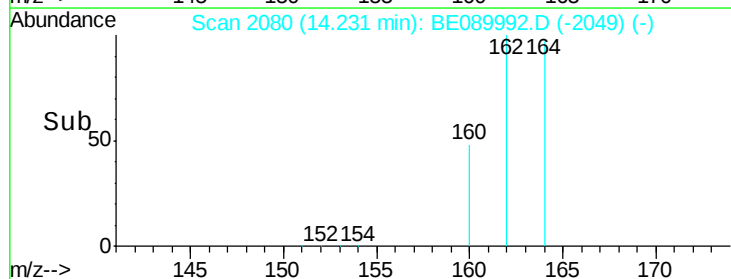
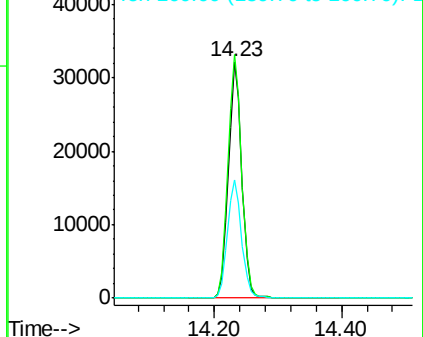
160 49.8 39.0 58.6

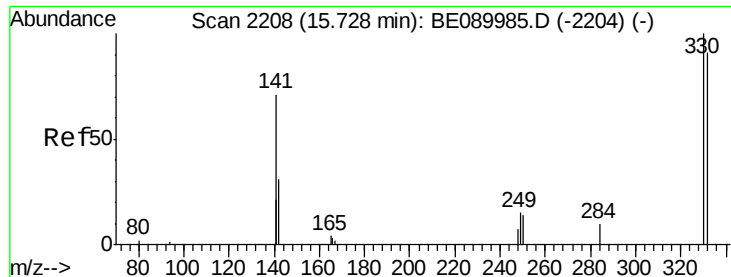


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

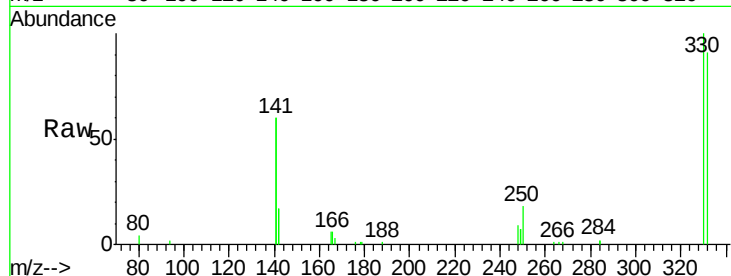




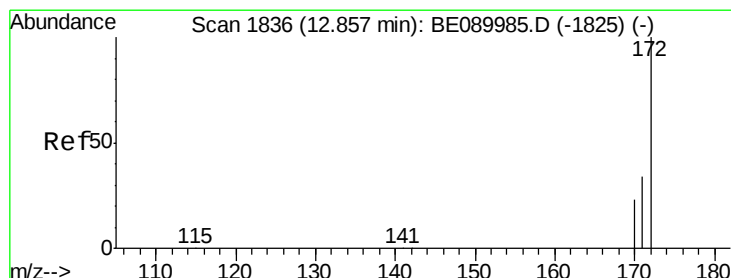
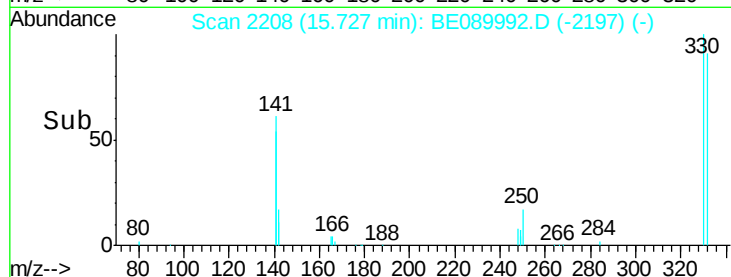
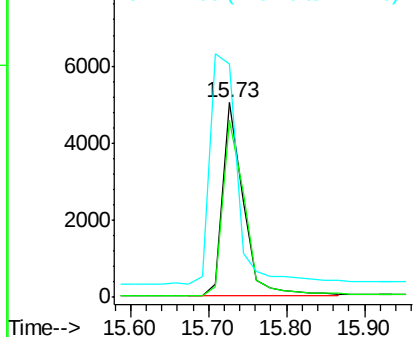
#13
 2,4,6-Tribromophenol
 Concen: 6.65 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE089992.D
 Acq: 29 Jun 2015 20:55

Instrument :
 BNA_E
 ClientSampleId :
 PB84249BL

Tgt Ion: 330 Resp: 9082
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.4 114.6
 141 162.0 130.3 195.5

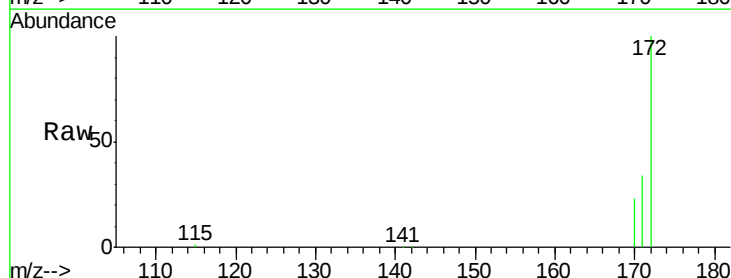


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

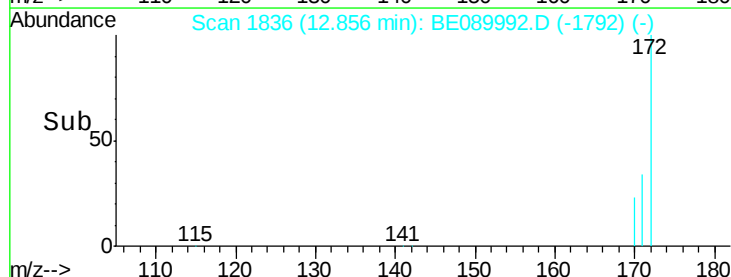
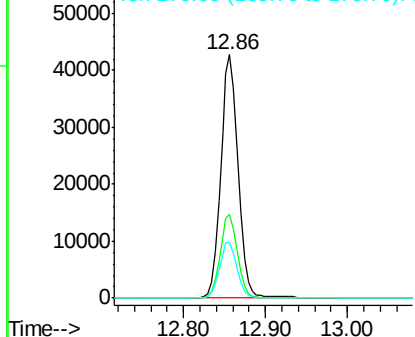


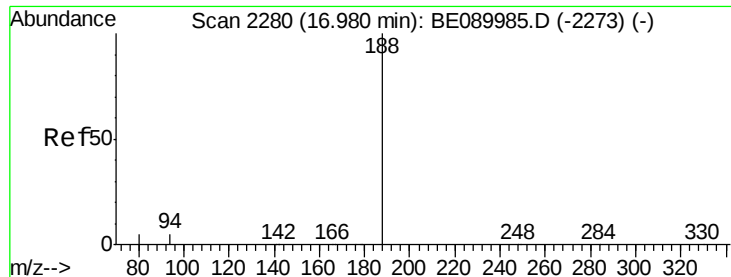
#14
 2-Fluorobiphenyl
 Concen: 4.54 ng
 RT: 12.86 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BE089992.D
 Acq: 29 Jun 2015 20:55

Tgt Ion: 172 Resp: 63589
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.8 41.6
 170 22.9 18.3 27.5



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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.98 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE089992.D

Acq: 29 Jun 2015 20:55

Instrument :

BNA_E

ClientSampleId :

PB84249BL

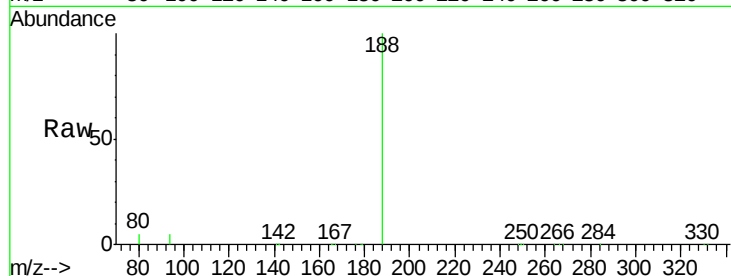
Tgt Ion:188 Resp: 114421

Ion Ratio Lower Upper

188 100

94 4.7 4.1 6.1

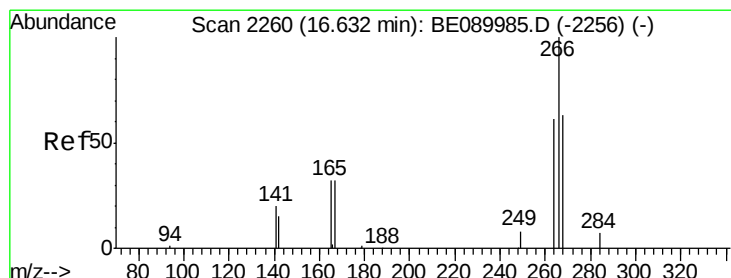
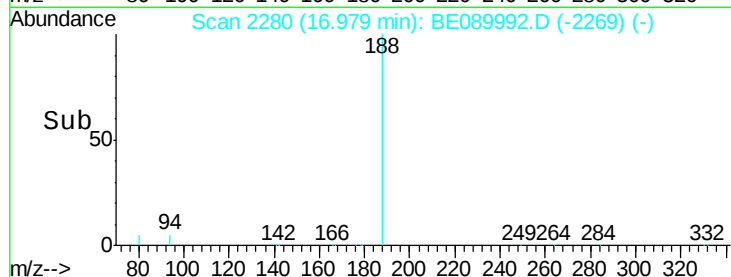
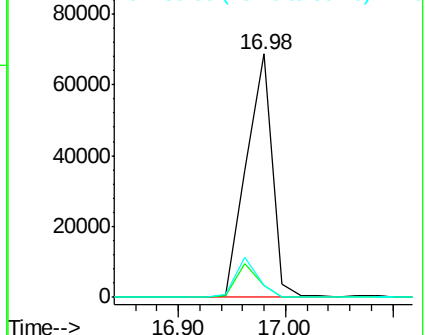
80 4.7 4.2 6.2



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: 0.26 ng

RT: 16.65 min Scan# 2261

Delta R.T. 0.02 min

Lab File: BE089992.D

Acq: 29 Jun 2015 20:55

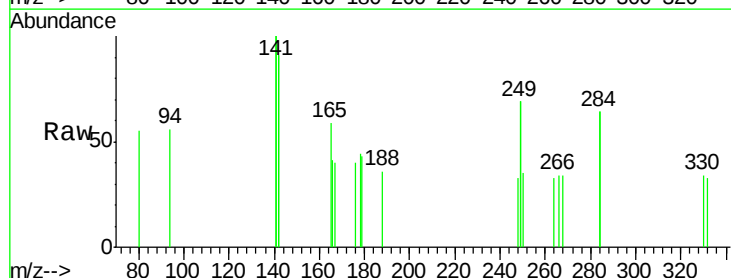
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

268 100.0 51.8 77.8#

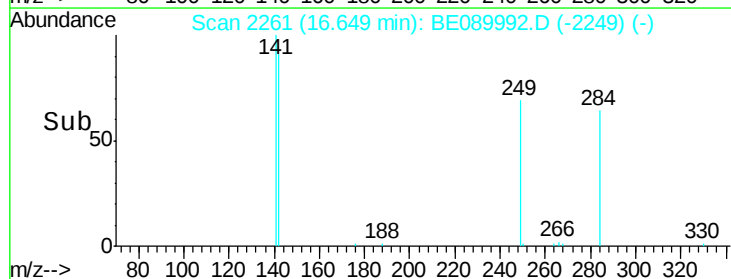
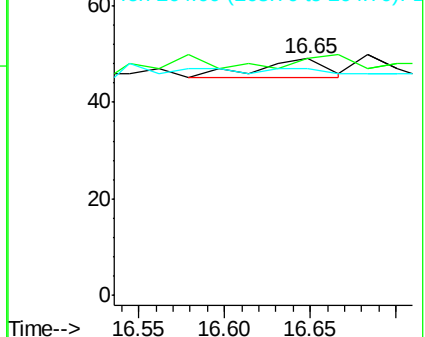
264 95.9 50.2 75.2#

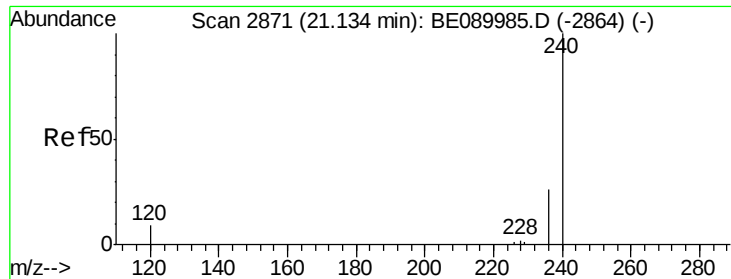


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.13 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BE089992.D

Acq: 29 Jun 2015 20:55

Instrument :

BNA_E

ClientSampleId :

PB84249BL

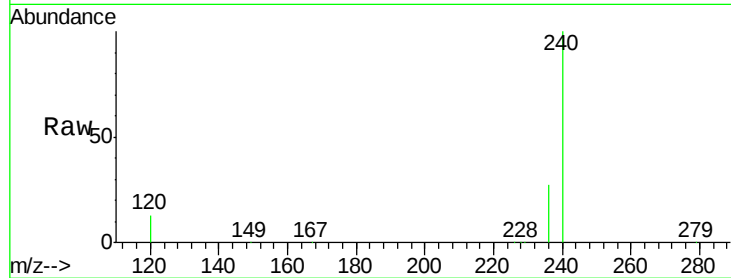
Tgt Ion:240 Resp: 139001

Ion Ratio Lower Upper

240 100

120 12.7 6.9 10.3#

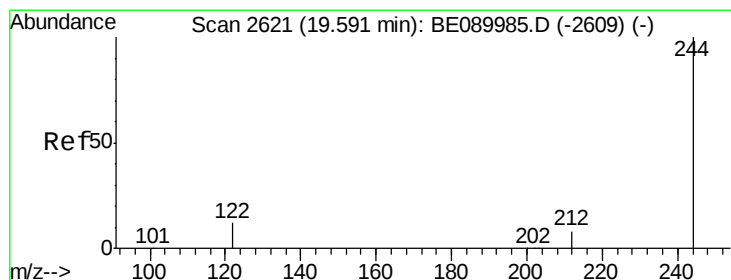
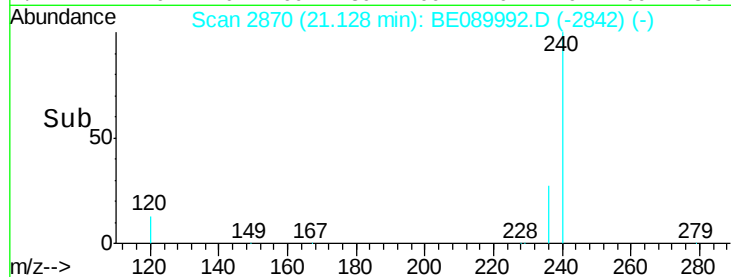
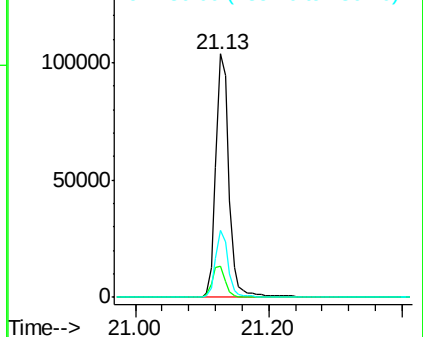
236 27.3 20.8 31.2



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: 4.66 ng

RT: 19.59 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BE089992.D

Acq: 29 Jun 2015 20:55

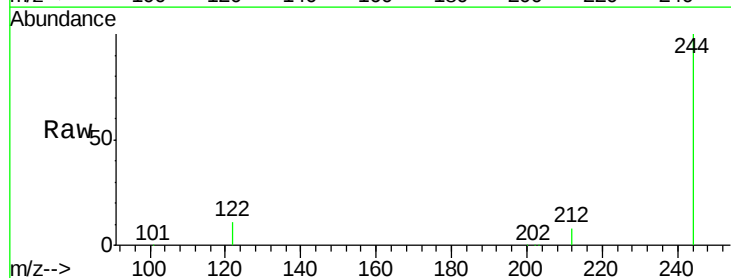
Tgt Ion:244 Resp: 108024

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

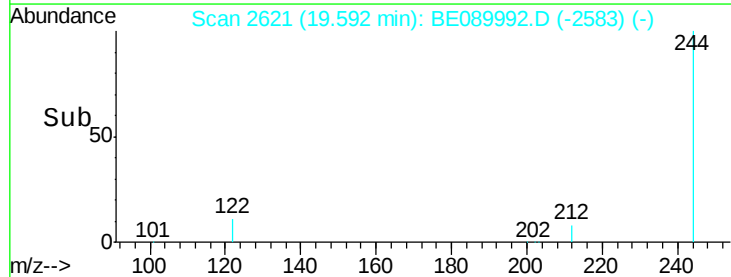
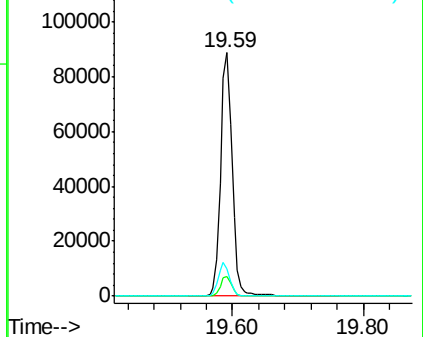
122 11.1 9.8 14.8

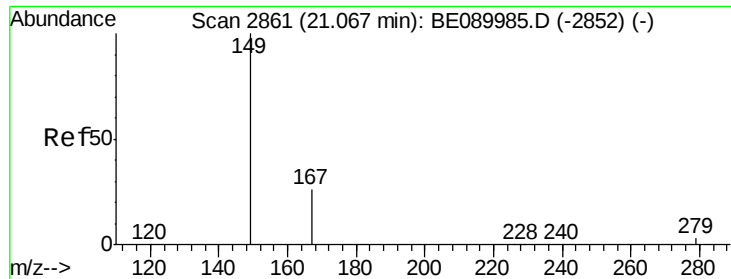


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.31 ng

RT: 21.06 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE089992.D

Acq: 29 Jun 2015 20:55

Instrument :

BNA_E

ClientSampleId :

PB84249BL

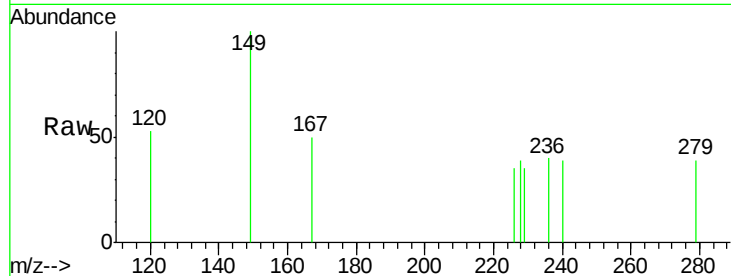
Tgt Ion:149 Resp: 64

Ion Ratio Lower Upper

149 100

167 29.7 20.3 30.5

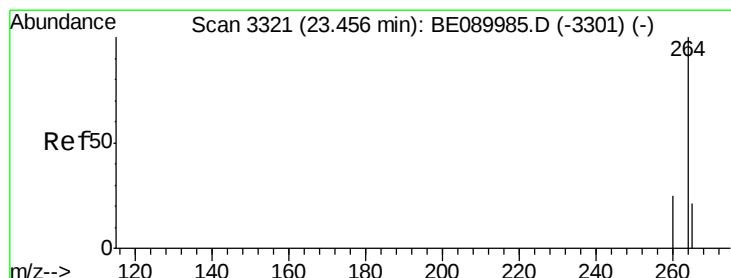
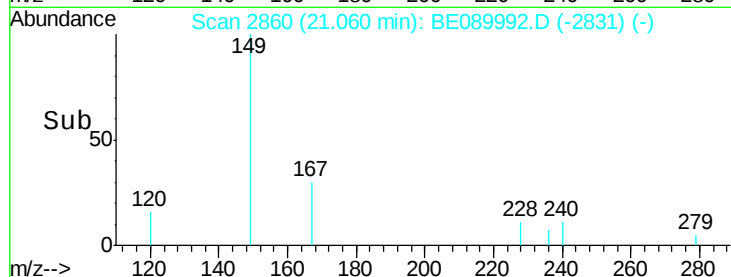
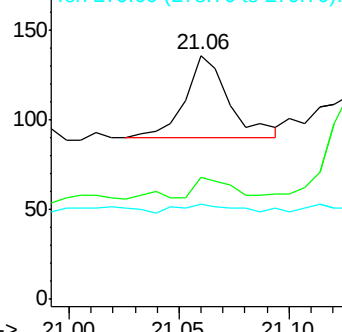
279 14.1 2.6 3.8#



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: 23.45 min Scan# 3321

Delta R.T. -0.00 min

Lab File: BE089992.D

Acq: 29 Jun 2015 20:55

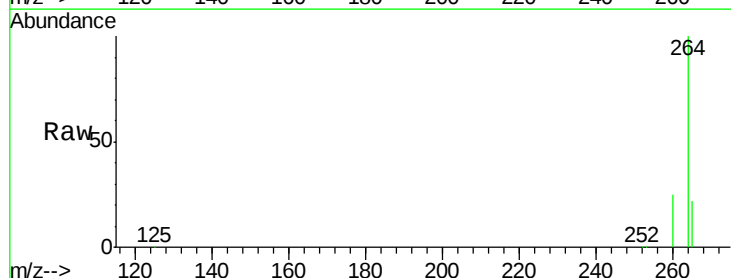
Tgt Ion:264 Resp: 134061

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

265 22.0 17.1 25.7



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

