

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
 Data File : BE090004.D
 Acq On : 30 Jun 2015 5:55
 Operator : TP/IZ
 Sample : G2810-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0530624-150625

Quant Time: Jun 30 07:21:22 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

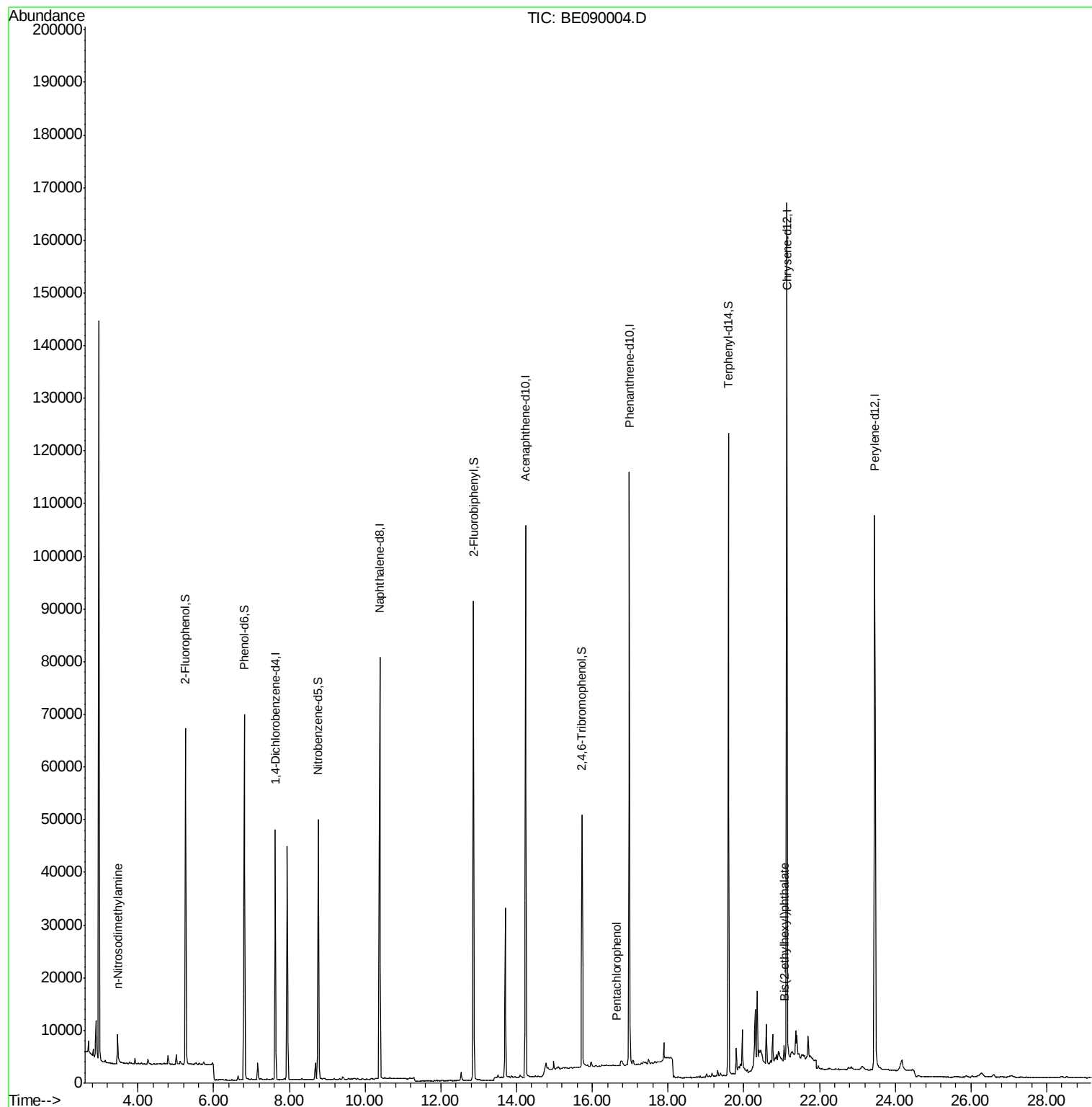
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	21851	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	105360	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	62182	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	142771	5.00	ng	0.00
25) Chrysene-d12	21.13	240	149254	5.00	ng	0.00
32) Perylene-d12	23.46	264	148087	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	42362	8.44	ng	0.00
5) Phenol-d6	6.81	99	68061	9.69	ng	0.00
7) Nitrobenzene-d5	8.76	82	39997	4.78	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	20826	11.43	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	84707	4.53	ng	0.00
27) Terphenyl-d14	19.59	244	123509	4.97	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.46	42	1257	0.31	ng	# 1
21) Pentachlorophenol	16.63	266	26	0.27	ng	# 65
30) Bis(2-ethylhexyl)phthalate	21.07	149	2540	0.45	ng	# 92

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

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QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.62 min Scan# 854

Delta R.T. -0.00 min

Lab File: BE090004.D

Acq: 30 Jun 2015 5:55

Instrument :

BNA_E

ClientSampleId :

X1SS0530624-150625

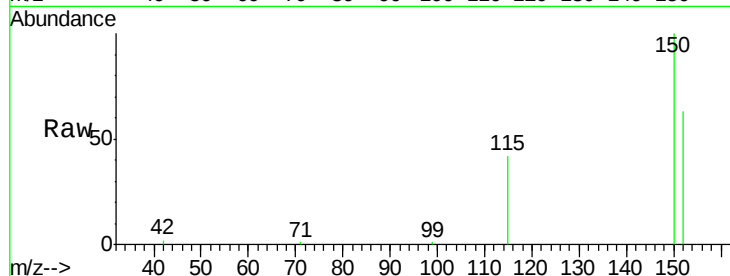
Tgt Ion:152 Resp: 21851

Ion Ratio Lower Upper

152 100

150 159.6 123.9 185.9

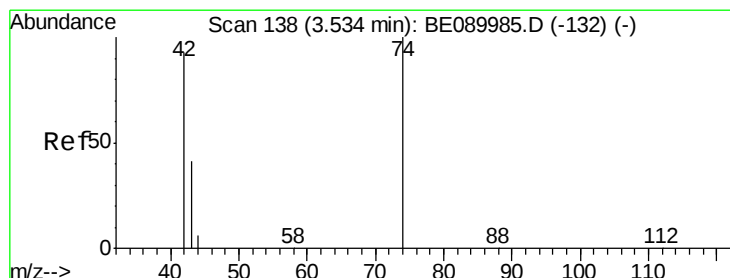
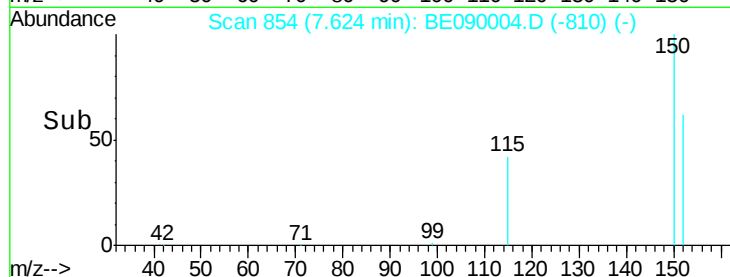
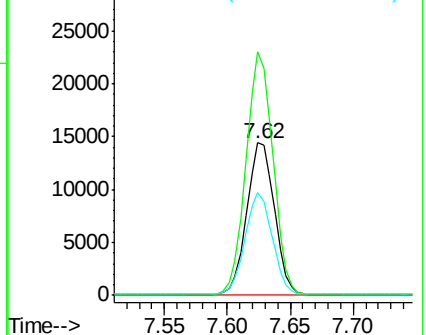
115 67.8 50.6 76.0



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



#3

n-Nitrosodimethylamine

Concen: 0.31 ng

RT: 3.46 min Scan# 127

Delta R.T. -0.08 min

Lab File: BE090004.D

Acq: 30 Jun 2015 5:55

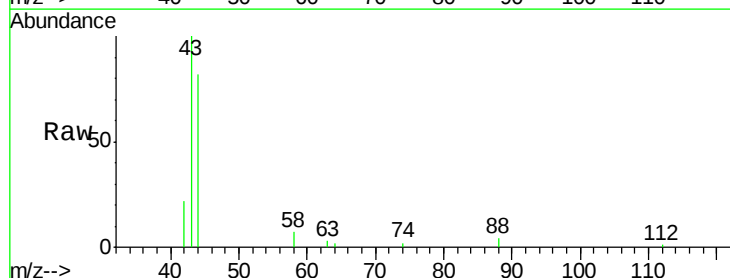
Tgt Ion: 42 Resp: 1257

Ion Ratio Lower Upper

42 100

74 2.6 89.4 134.2#

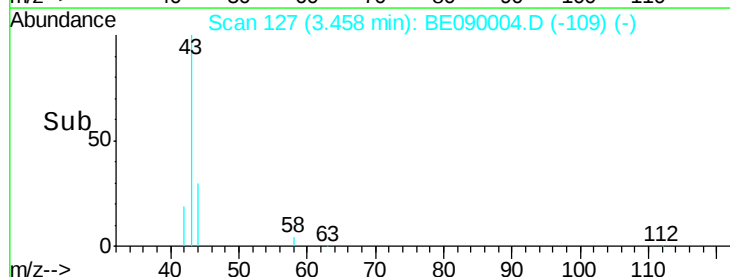
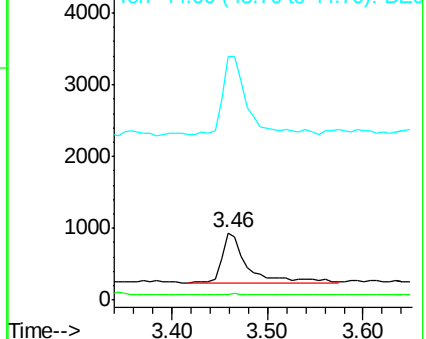
44 153.1 6.9 10.3#

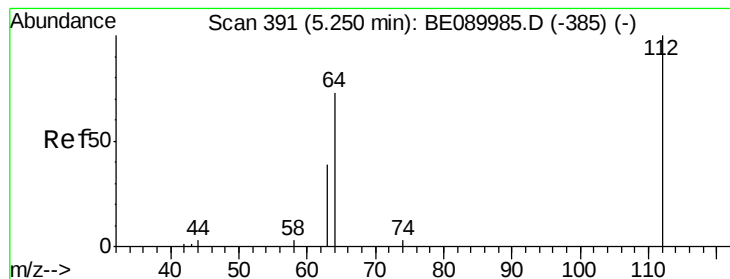


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 8.44 ng

RT: 5.26 min Scan# 392

Delta R.T. 0.01 min

Lab File: BE090004.D

Acq: 30 Jun 2015 5:55

Instrument :

BNA_E

ClientSampleId :

X1SS0530624-150625

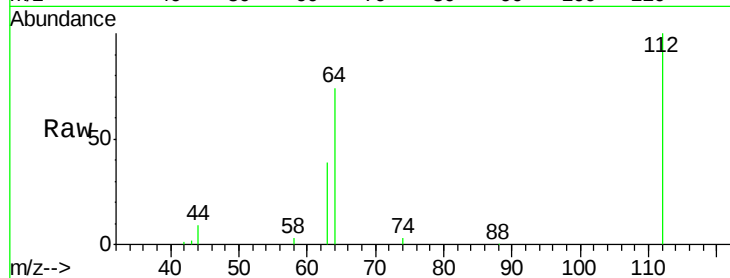
Tgt Ion: 112 Resp: 42362

Ion Ratio Lower Upper

112 100

64 72.6 56.3 84.5

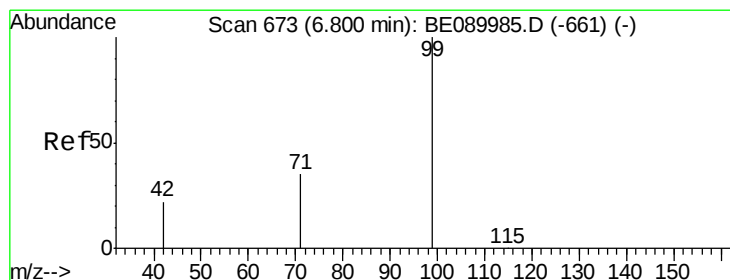
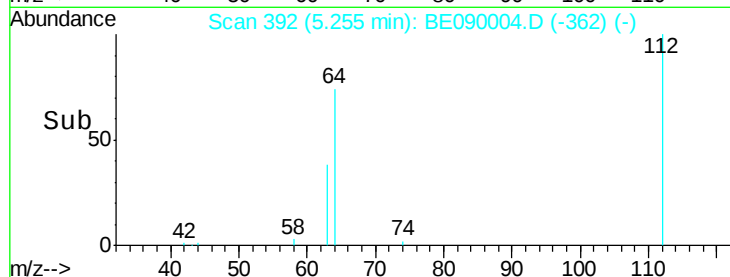
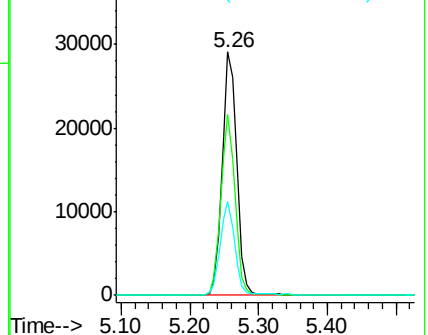
63 37.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 9.69 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE090004.D

Acq: 30 Jun 2015 5:55

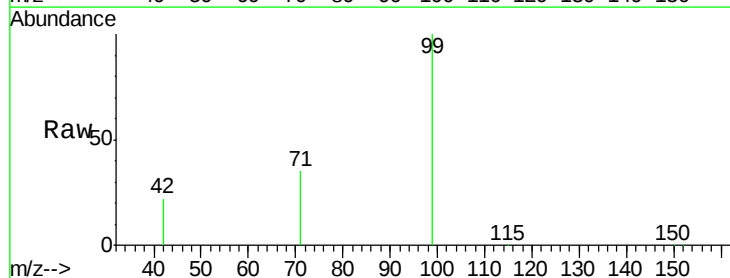
Tgt Ion: 99 Resp: 68061

Ion Ratio Lower Upper

99 100

42 21.3 18.7 28.1

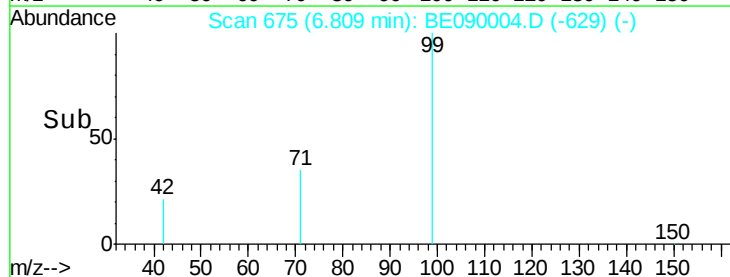
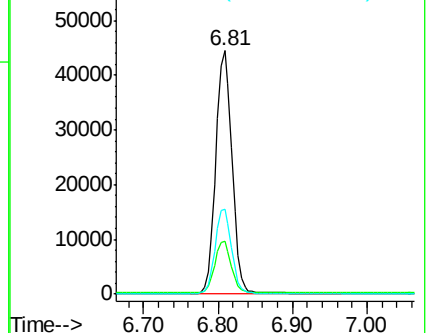
71 34.9 27.5 41.3

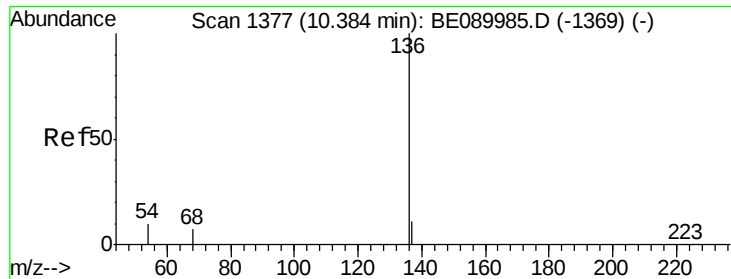


Abundance Ion 99.00 (98.70 to 99.70): BE0

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# 1377

Delta R.T. 0.00 min

Lab File: BE090004.D

Acq: 30 Jun 2015 5:55

Instrument :

BNA_E

ClientSampleId :

X1SS0530624-150625

Tgt Ion: 136 Resp: 105360

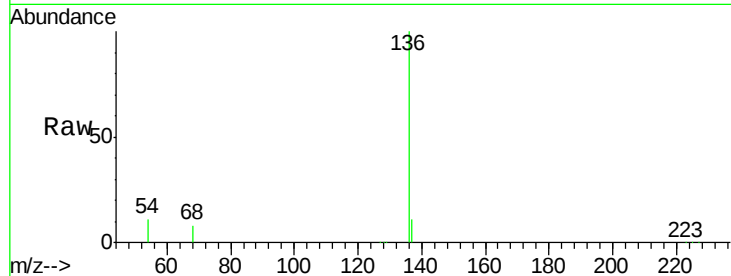
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.7 8.2 12.4

68 7.8 5.8 8.8

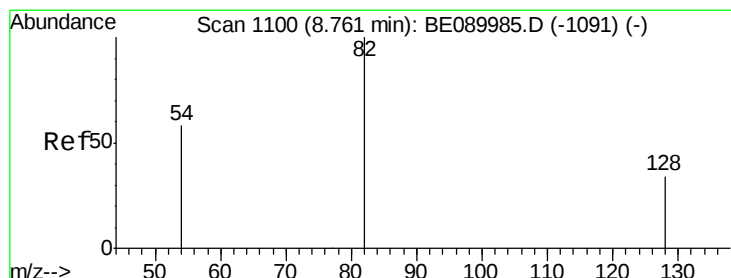
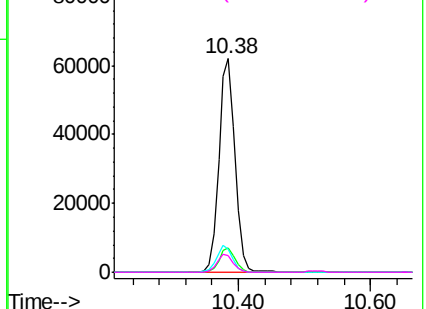
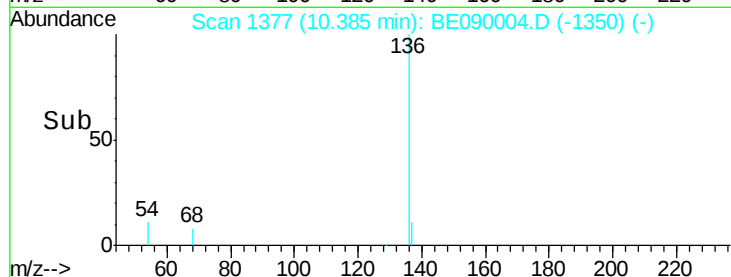


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.78 ng

RT: 8.76 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE090004.D

Acq: 30 Jun 2015 5:55

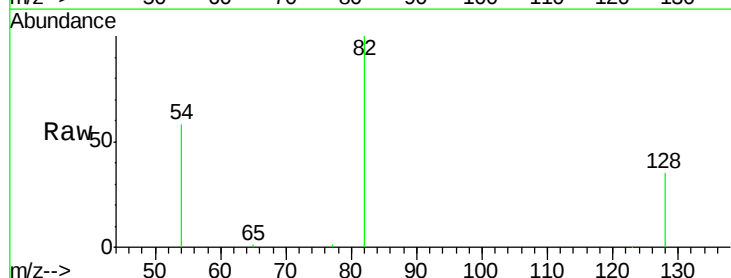
Tgt Ion: 82 Resp: 39997

Ion Ratio Lower Upper

82 100

128 34.8 28.0 42.0

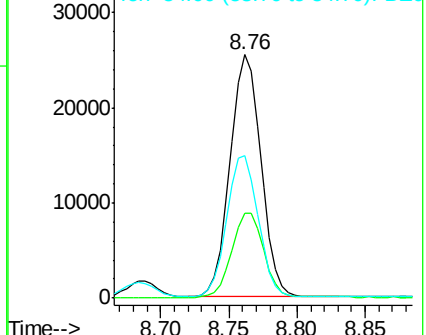
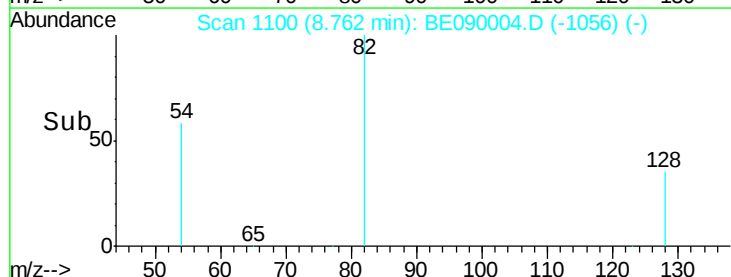
54 58.3 47.6 71.4

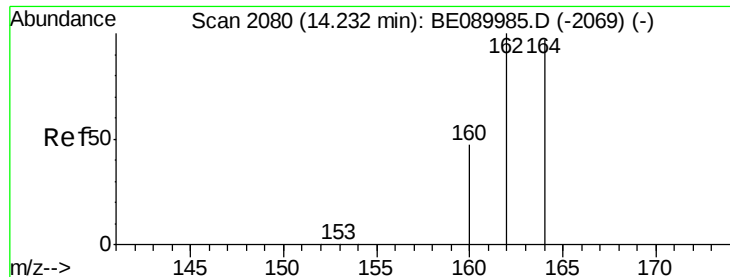


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.23 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BE090004.D

Acq: 30 Jun 2015 5:55

Instrument :

BNA_E

ClientSampleId :

X1SS0530624-150625

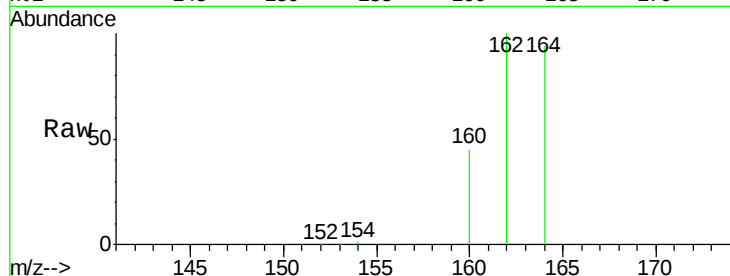
Tgt Ion:164 Resp: 62182

Ion Ratio Lower Upper

164 100

162 106.6 82.2 123.4

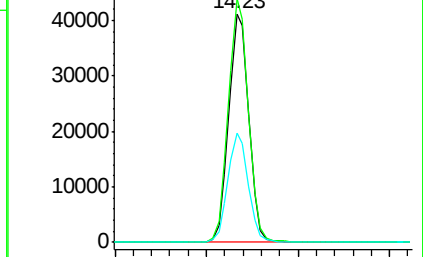
160 48.0 39.0 58.6



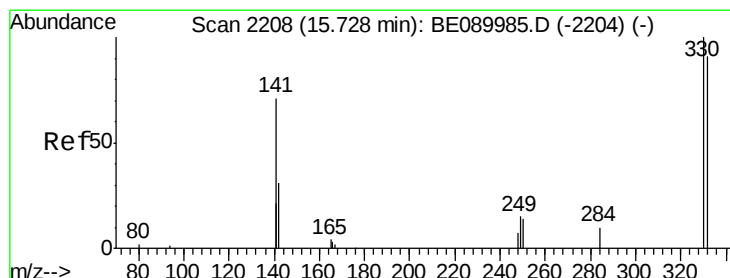
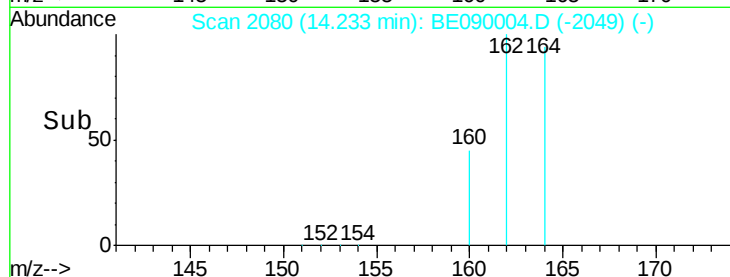
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.10 14.20 14.30



#13

2,4,6-Tribromophenol

Concen: 11.43 ng

RT: 15.73 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090004.D

Acq: 30 Jun 2015 5:55

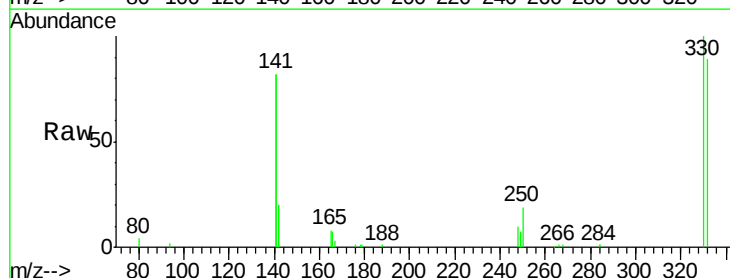
Tgt Ion:330 Resp: 20826

Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

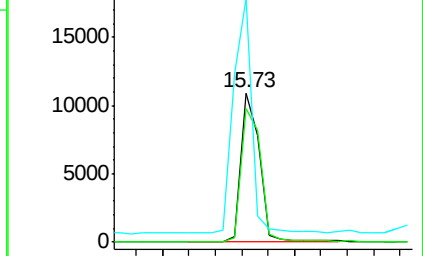
141 157.7 130.3 195.5



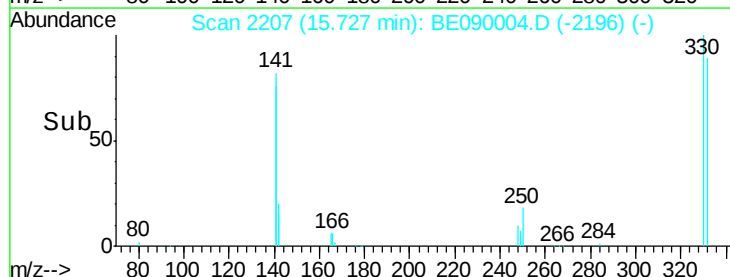
Abundance Ion 329.80 (329.50 to 330.50): E

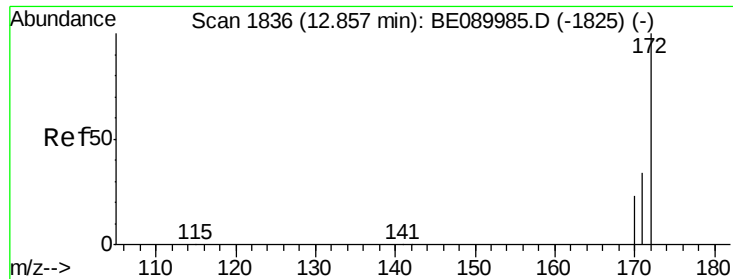
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 15.60 15.80

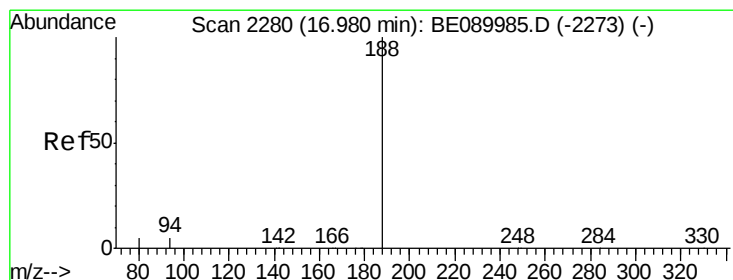
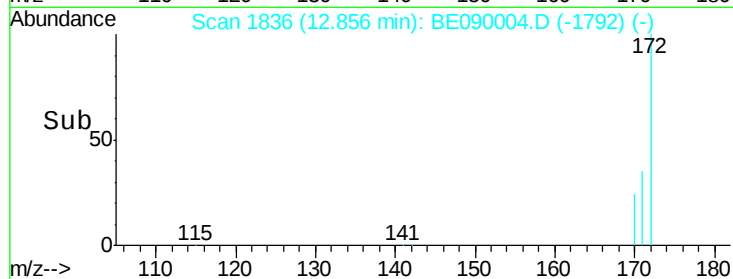
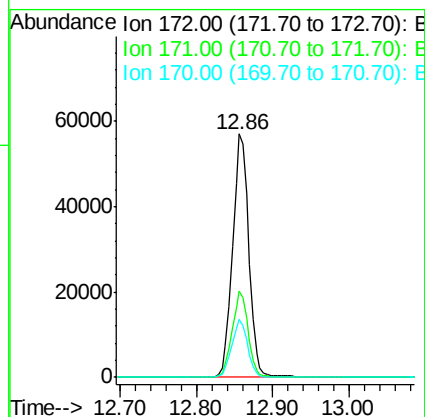
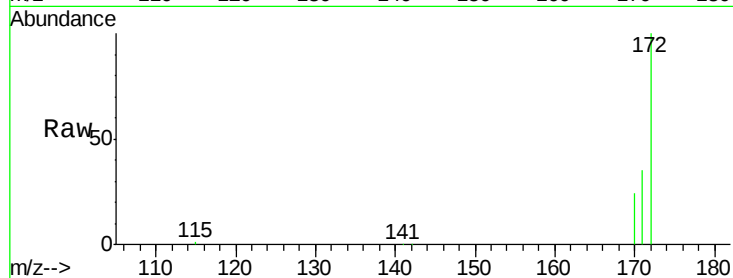




#14
2-Fluorobiphenyl
Concen: 4.53 ng
RT: 12.86 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BE090004.D
Acq: 30 Jun 2015 5:55

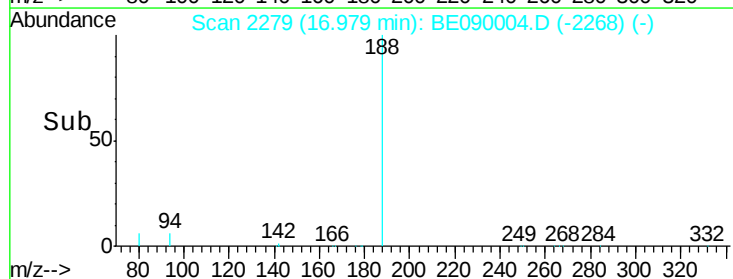
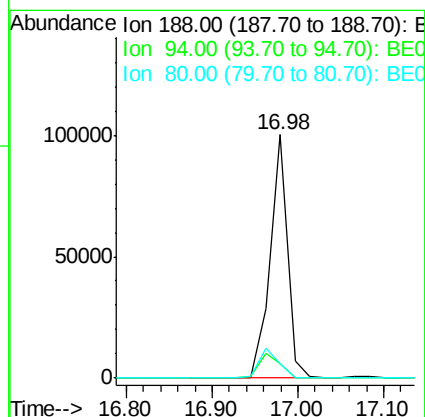
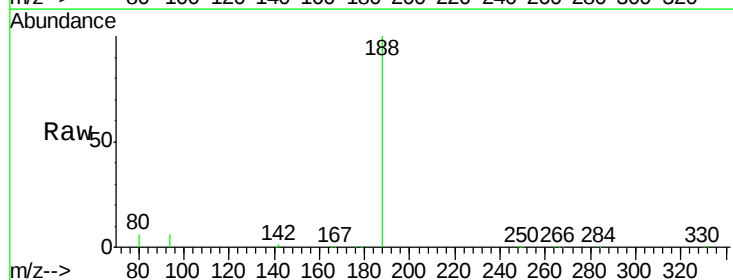
Instrument :
BNA_E
ClientSampleId :
X1SS0530624-150625

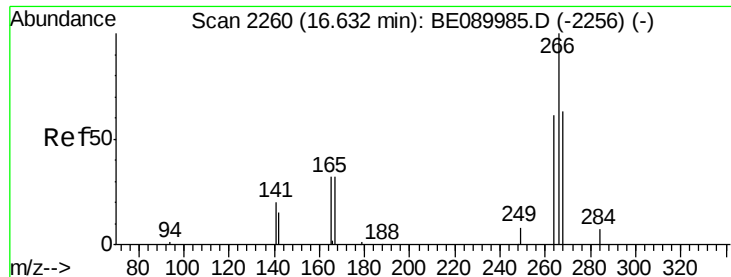
Tgt Ion:172 Resp: 84707
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.6
170 23.9 18.3 27.5



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090004.D
Acq: 30 Jun 2015 5:55

Tgt Ion:188 Resp: 142771
Ion Ratio Lower Upper
188 100
94 5.7 4.1 6.1
80 6.0 4.2 6.2





#21

Pentachlorophenol

Concen: 0.27 ng

RT: 16.63 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BE090004.D

Acq: 30 Jun 2015 5:55

Instrument :

BNA_E

ClientSampleId :

X1SS0530624-150625

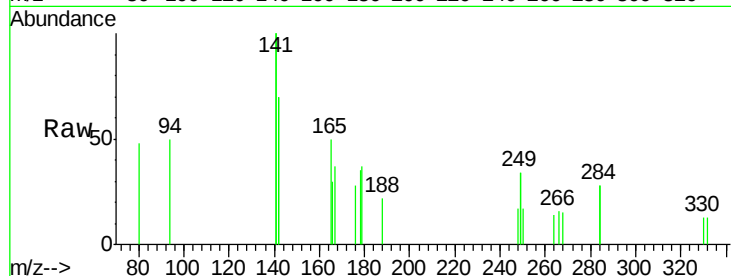
Tgt Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

268 95.0 51.8 77.8#

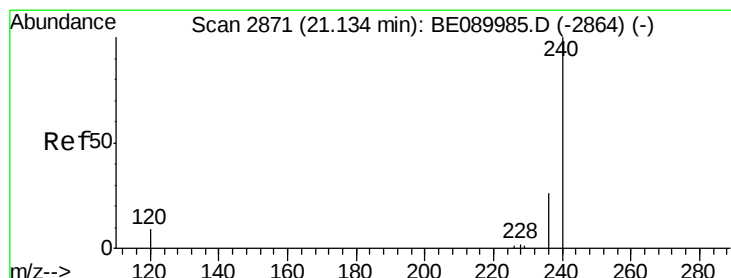
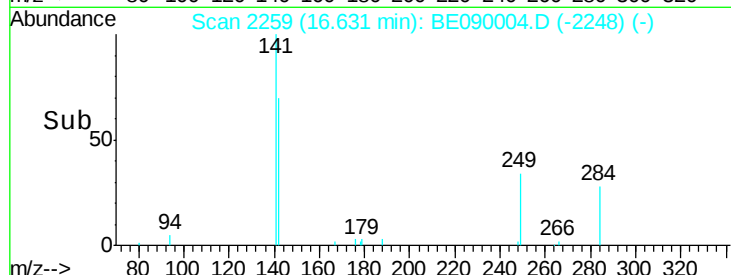
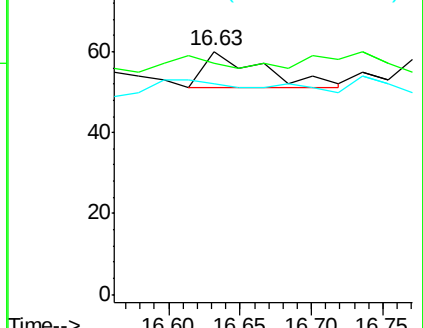
264 86.7 50.2 75.2#



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# 2869

Delta R.T. -0.00 min

Lab File: BE090004.D

Acq: 30 Jun 2015 5:55

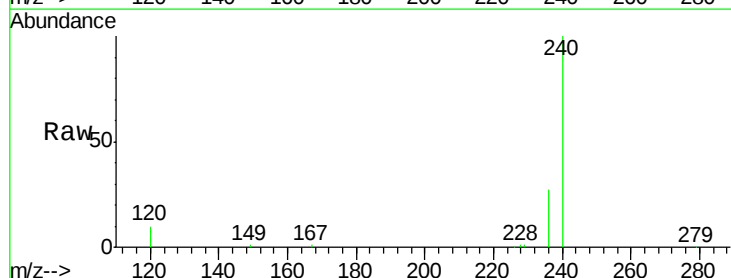
Tgt Ion:240 Resp: 149254

Ion Ratio Lower Upper

240 100

120 9.8 6.9 10.3

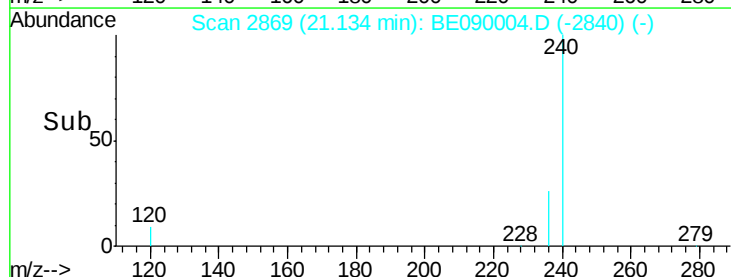
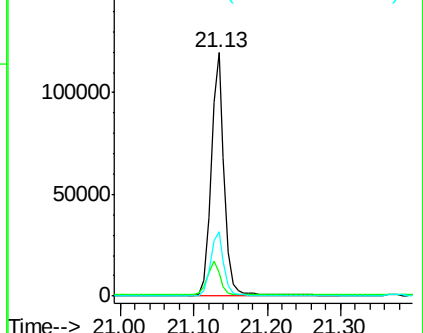
236 26.6 20.8 31.2

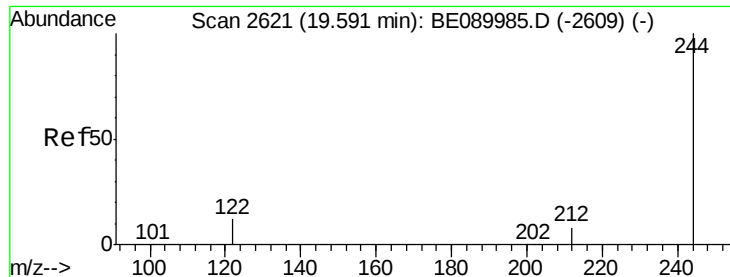


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

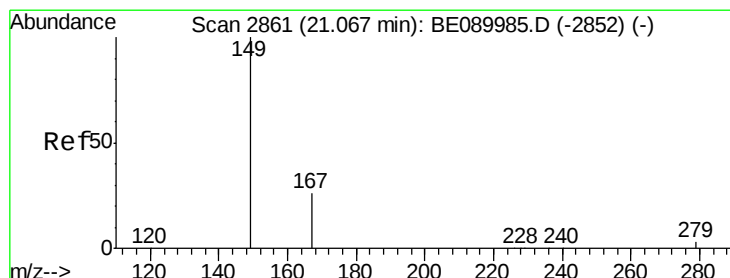
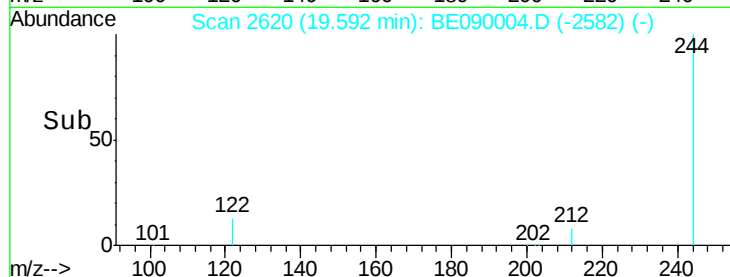
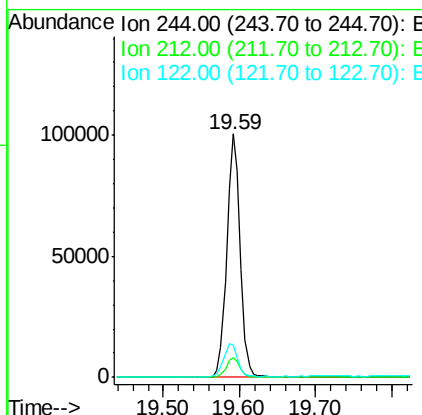
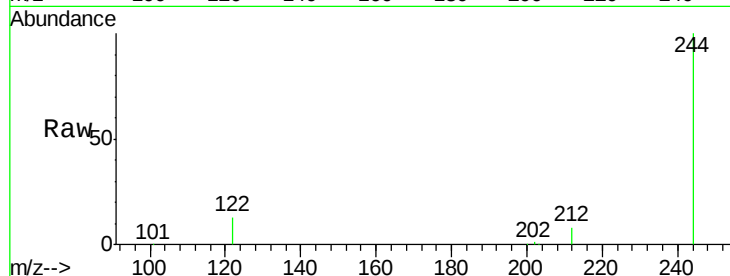




#27
 Terphenyl-d14
 Concen: 4.97 ng
 RT: 19.59 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BE090004.D
 Acq: 30 Jun 2015 5:55

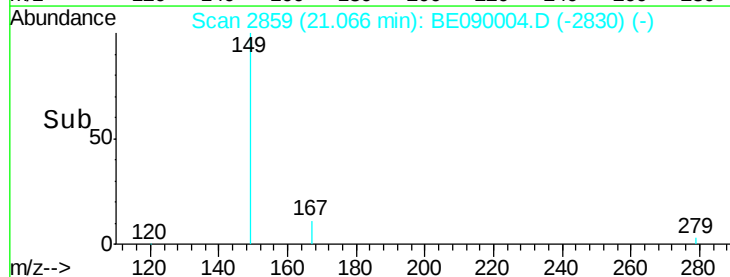
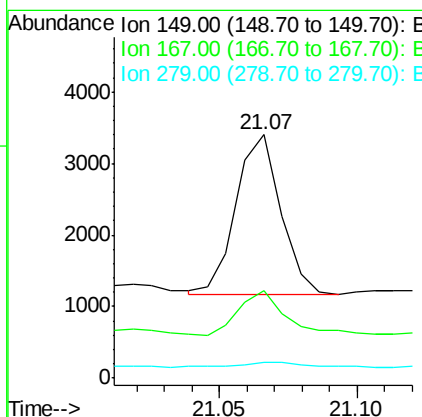
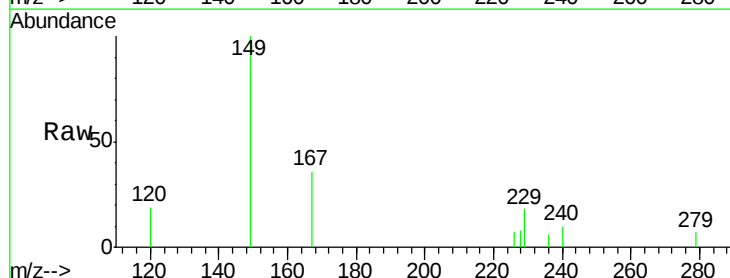
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0530624-150625

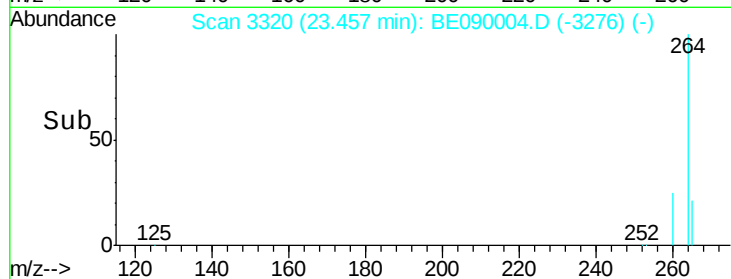
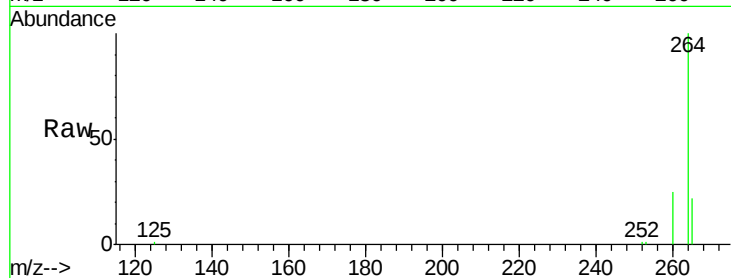
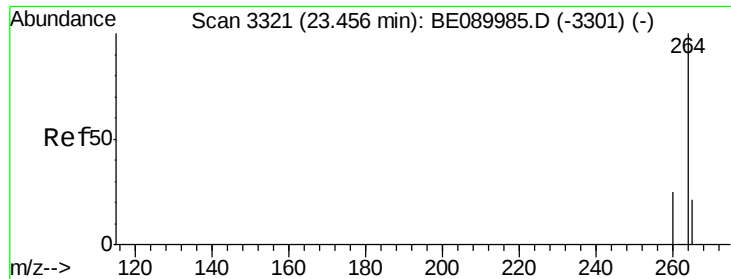
Tgt Ion: 244 Resp: 123509
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 13.1 9.8 14.8



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.45 ng
 RT: 21.07 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BE090004.D
 Acq: 30 Jun 2015 5:55

Tgt Ion: 149 Resp: 2540
 Ion Ratio Lower Upper
 149 100
 167 29.9 20.3 30.5
 279 4.4 2.6 3.8#





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.46 min Scan# 3320

Delta R.T. 0.00 min

Lab File: BE090004.D

Acq: 30 Jun 2015 5:55

Instrument :

BNA_E

ClientSampleId :

X1SS0530624-150625

Tgt Ion:264 Resp: 148087

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

265 22.2 17.1 25.7

