

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091115\
 Data File : BE090790.D
 Acq On : 11 Sep 2015 18:29
 Operator : UM/IZ
 Sample : G3617-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090915-D534-E-D-B

Quant Time: Sep 11 23:48:16 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	48013	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	214055	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	114343	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	278853	5.00	ng	0.00
25) Chrysene-d12	21.07	240	341143	5.00	ng	0.00
32) Perylene-d12	23.36	264	304853	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	30624	3.28	ng	0.00
5) Phenol-d6	6.75	99	27720	2.07	ng	0.00
7) Nitrobenzene-d5	8.71	82	45673	3.23	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	20789	6.23	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	101391	3.20	ng	0.00
27) Terphenyl-d14	19.53	244	178581	4.73	ng	-0.01

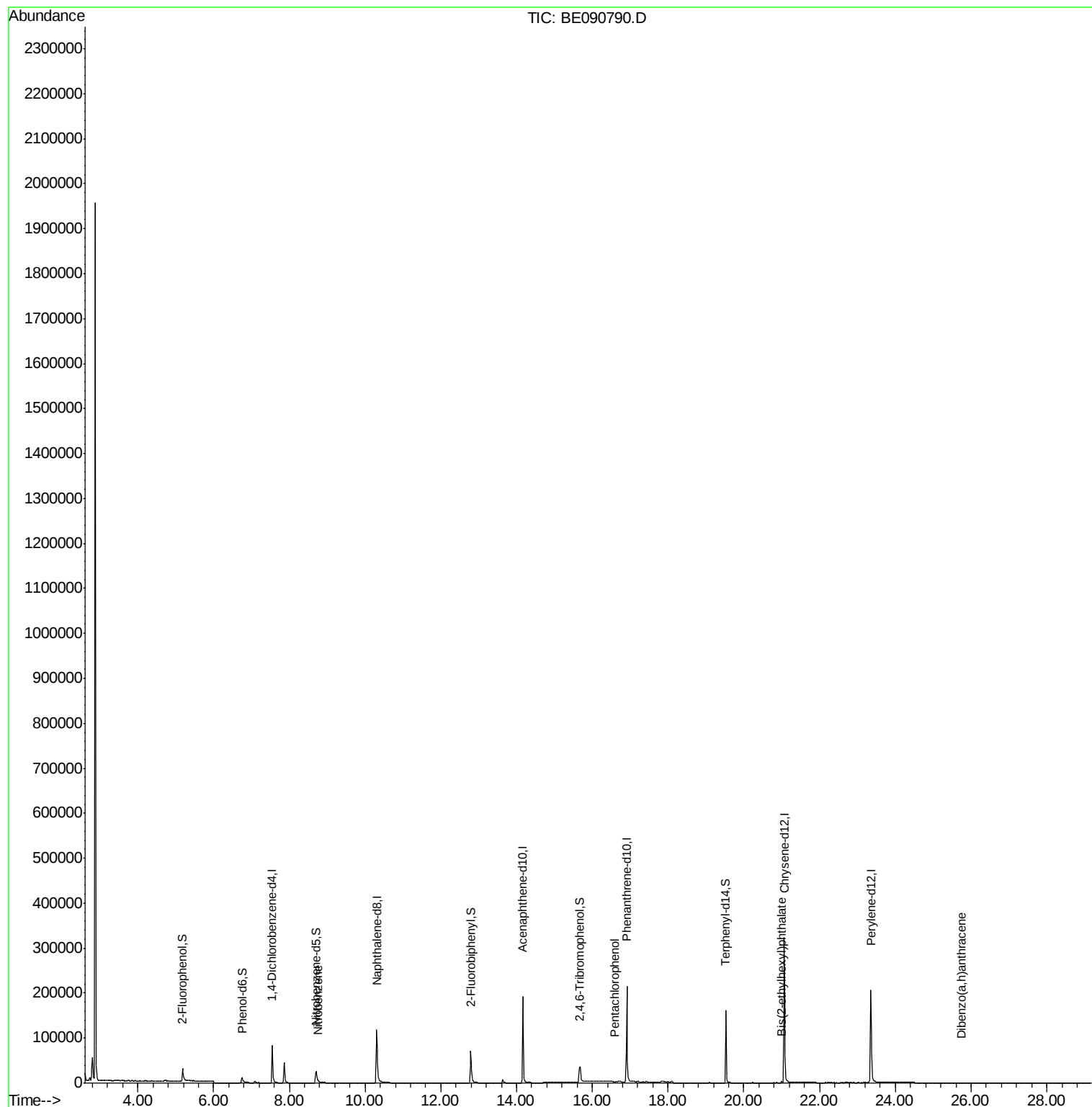
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	147	Below Cal	#	15
3) n-Nitrosodimethylamine	3.44	42	57	Below Cal	#	36
8) Nitrobenzene	8.75	77	20	0.11 ng	#	83
20) Hexachlorobenzene	16.23	284	94	Below Cal	#	37
21) Pentachlorophenol	16.60	266	9	0.46 ng	#	61
28) Benzo(a)anthracene	21.07	228	1104	Below Cal	#	79
29) Chrysene	21.07	228	1104	Below Cal	#	75
30) Bis(2-ethylhexyl)phthalate	21.00	149	3640	0.25 ng	#	98
36) Dibenzo(a,h)anthracene	25.74	278	6	0.14 ng	#	1

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

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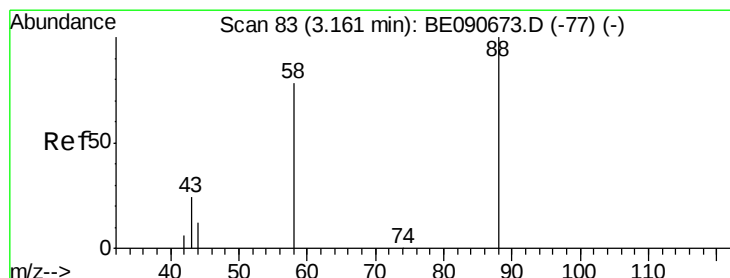
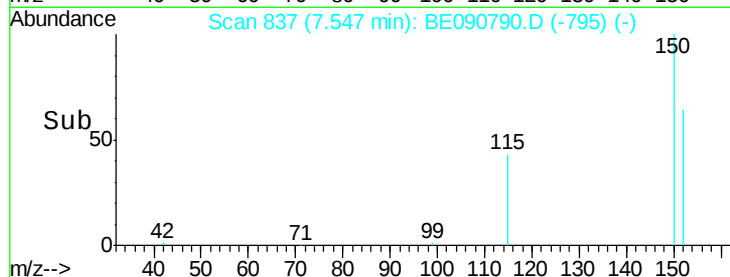
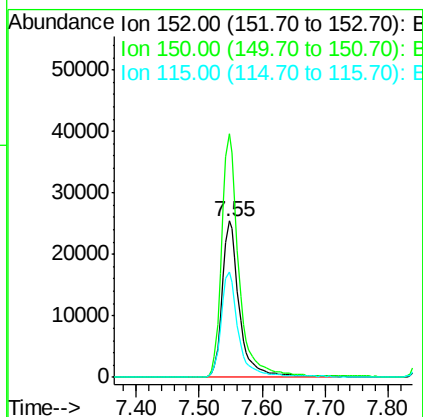
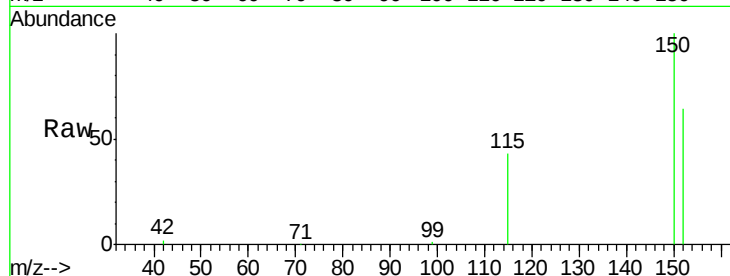


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090790.D
Acq: 11 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
090915-D534-E-D-B

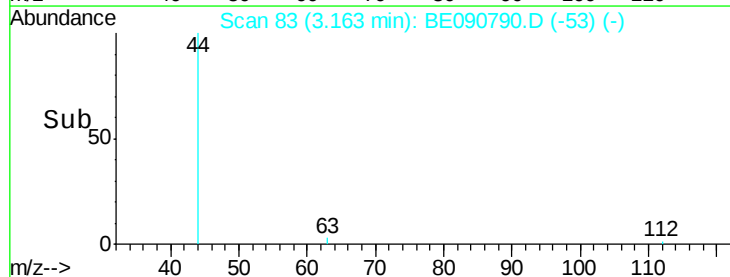
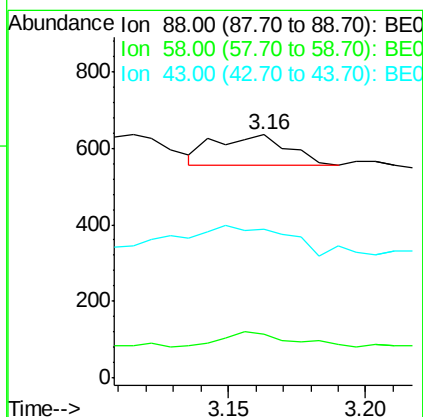
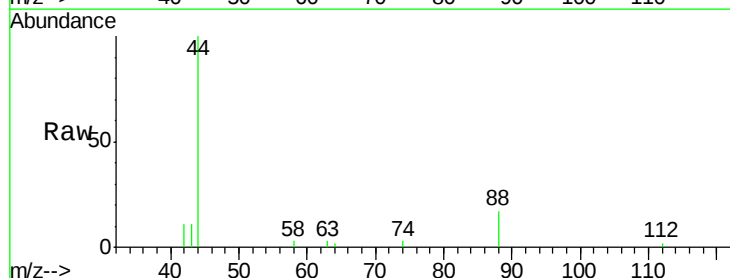
Tot Ion:152 Resp: 48013
Ion Ratio Lower Upper
152 100
150 155.7 122.2 183.4
115 67.3 51.0 76.4



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.16 min Scan# 83
Delta R.T. 0.00 min
Lab File: BE090790.D
Acq: 11 Sep 2015 18:29

Tgt Ion: 88 Resp: 147
Ion Ratio Lower Upper
88 100
58 49.0 68.4 102.6#
43 146.9 26.9 40.3#



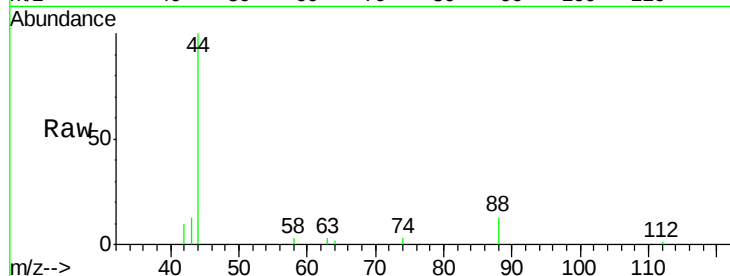


#3

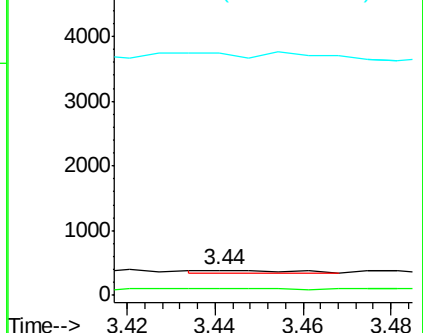
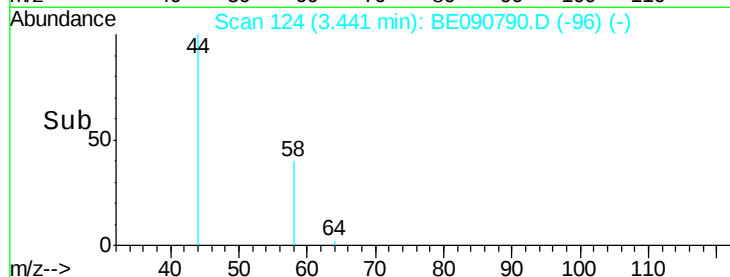
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.44 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BE090790.D
 Acq: 11 Sep 2015 18:29

Instrument :
 BNA_E
 ClientSampleId :
 090915-D534-E-D-B

Tot Ion: 42 Resp: 57
 Ion Ratio Lower Upper
 42 100
 74 35.1 83.7 125.5#
 44 0.0 10.0 15.0#



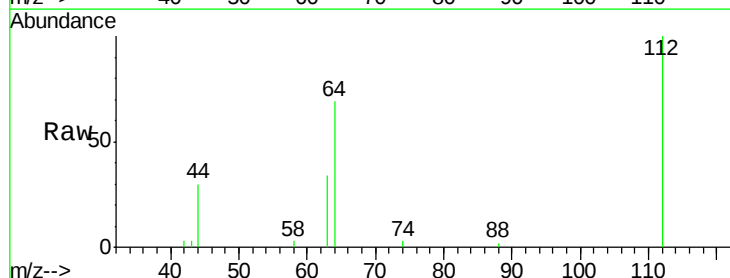
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



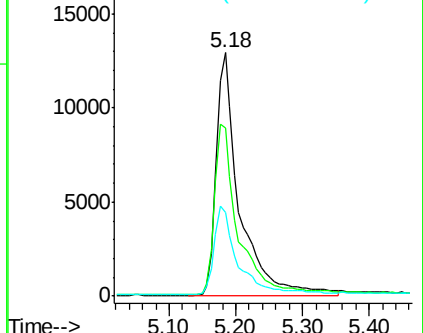
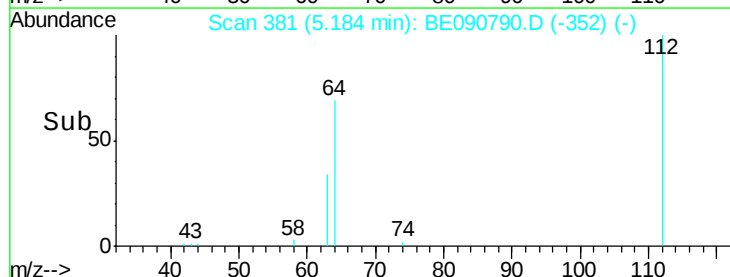
#4

2-Fluorophenol
 Concen: 3.28 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BE090790.D
 Acq: 11 Sep 2015 18:29

Tgt Ion: 112 Resp: 30624
 Ion Ratio Lower Upper
 112 100
 64 72.5 57.3 85.9
 63 37.0 29.2 43.8



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: 2.07 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090790.D

Acq: 11 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

090915-D534-E-D-B

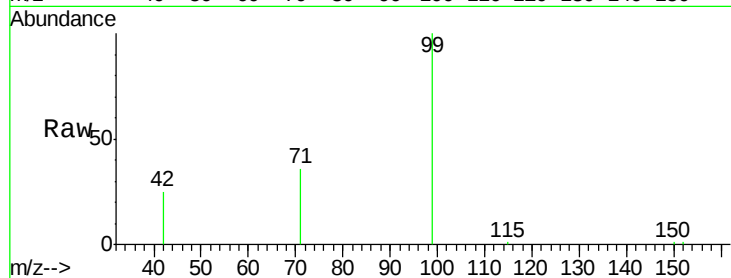
Tot Ion: 99 Resp: 27720

Ion Ratio Lower Upper

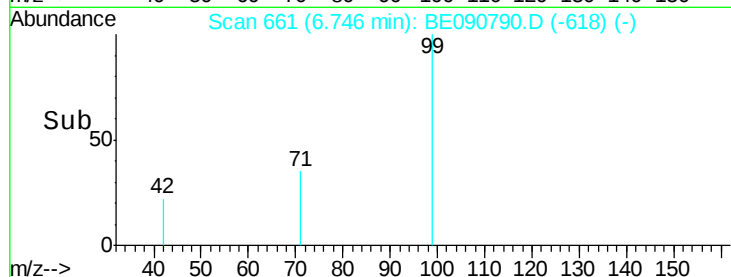
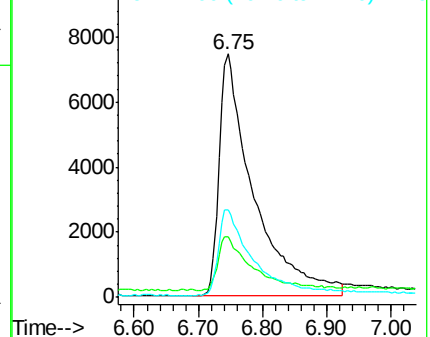
99 100

42 22.6 16.8 25.2

71 35.7 28.3 42.5



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: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090790.D

Acq: 11 Sep 2015 18:29

Tgt Ion: 136 Resp: 214055

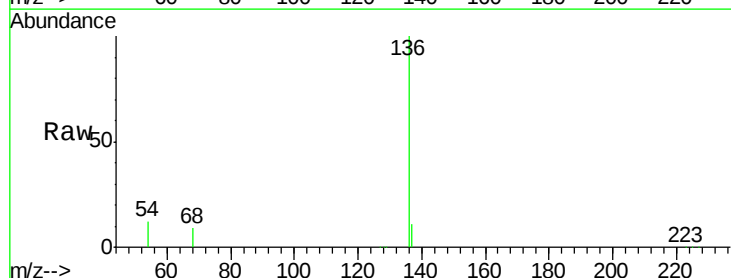
Ion Ratio Lower Upper

136 100

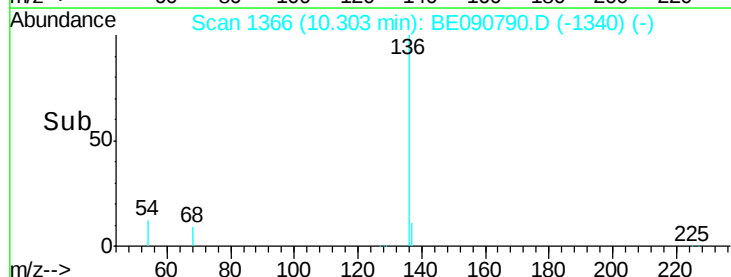
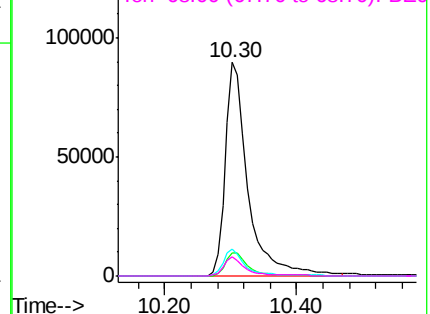
137 10.9 8.7 13.1

54 12.4 9.0 13.6

68 8.9 6.3 9.5



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: 3.23 ng

RT: 8.71 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE090790.D

Acq: 11 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

090915-D534-E-D-B

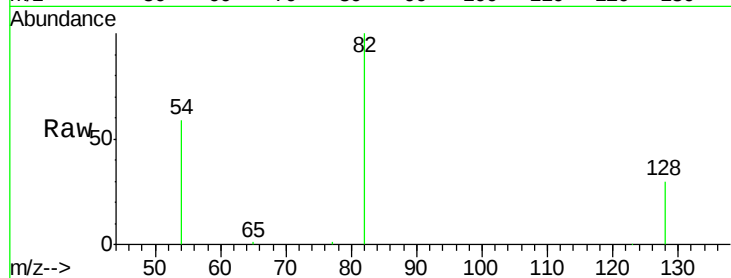
Tot Ion: 82 Resp: 45673

Ion Ratio Lower Upper

82 100

128 30.2 25.0 37.4

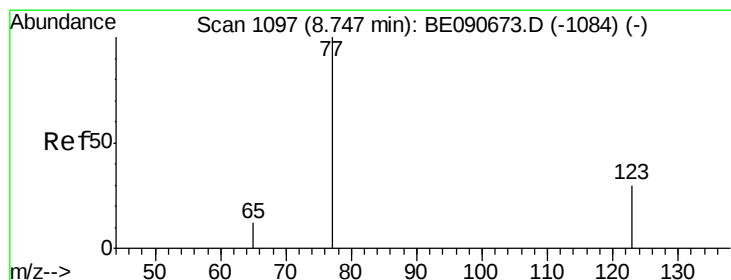
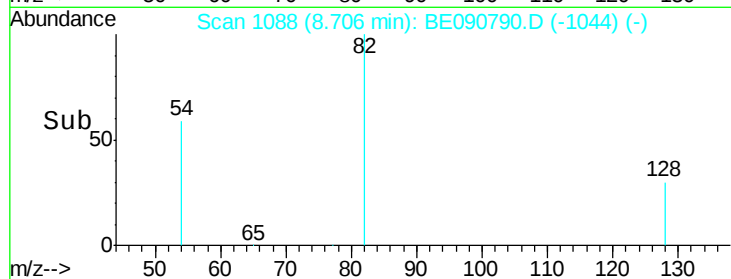
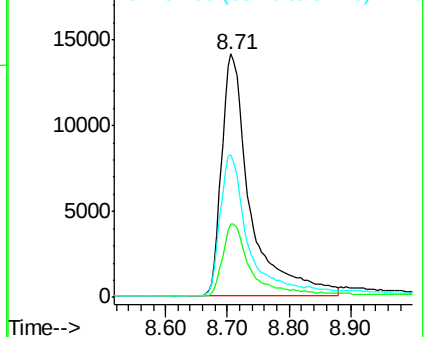
54 58.8 46.3 69.5



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



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE090790.D

Acq: 11 Sep 2015 18:29

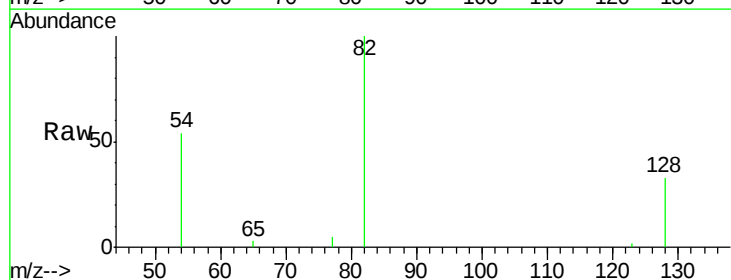
Tgt Ion: 77 Resp: 20

Ion Ratio Lower Upper

77 100

123 25.0 25.1 37.7#

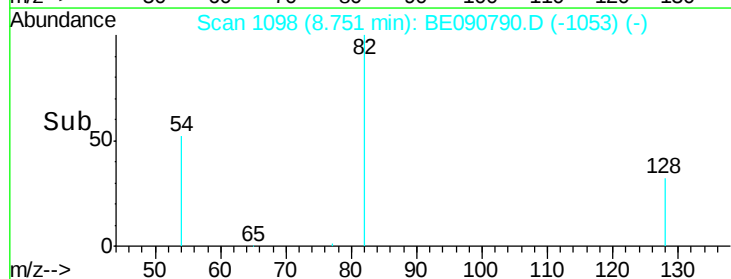
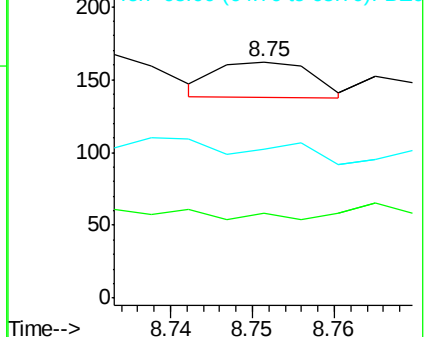
65 0.0 9.9 14.9#



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090790.D

Acq: 11 Sep 2015 18:29

Instrument :

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ClientSampleId :

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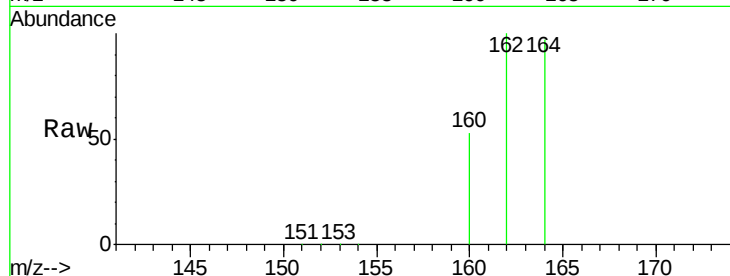
Tot Ion:164 Resp: 114343

Ion Ratio Lower Upper

164 100

162 102.9 86.8 130.2

160 54.3 53.9 80.9



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

100000

80000

60000

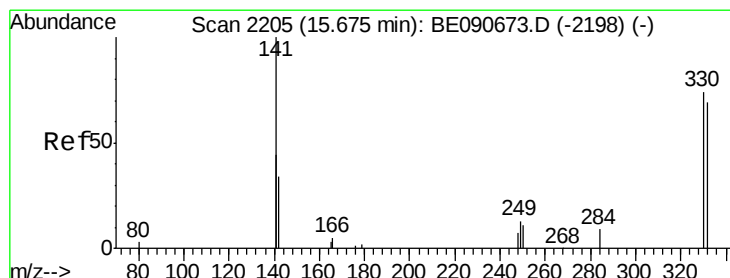
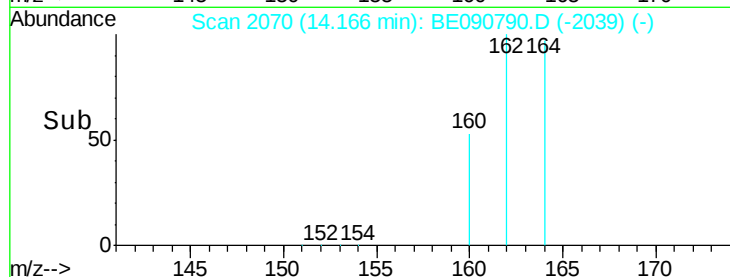
40000

20000

0

14.17

Time--> 14.00 14.20 14.40



#13

2,4,6-Tribromophenol

Concen: 6.23 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090790.D

Acq: 11 Sep 2015 18:29

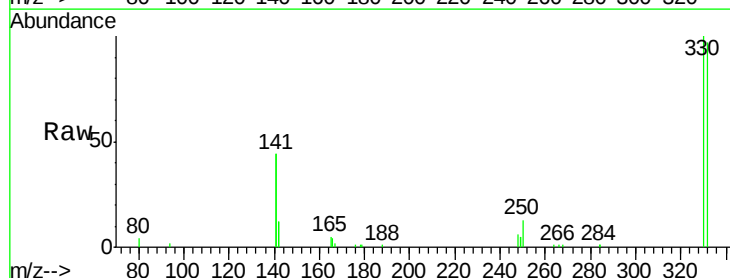
Tgt Ion:330 Resp: 20789

Ion Ratio Lower Upper

330 100

332 96.3 74.9 112.3

141 183.6 145.2 217.8



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

25000

20000

15000

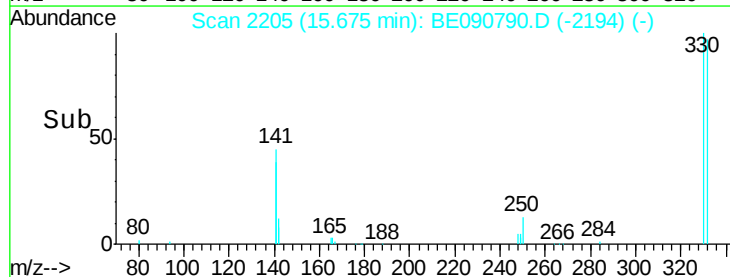
10000

5000

0

15.67

Time--> 15.60 15.70 15.80

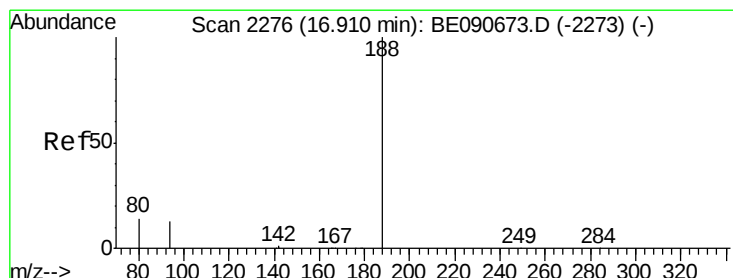
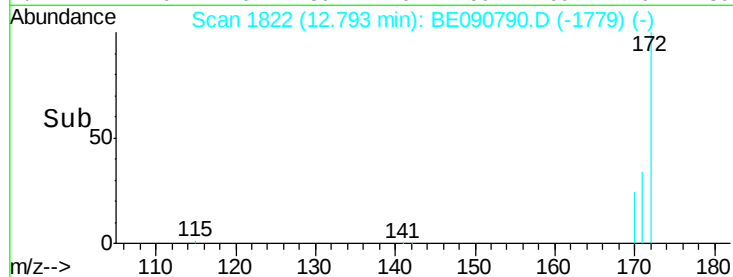
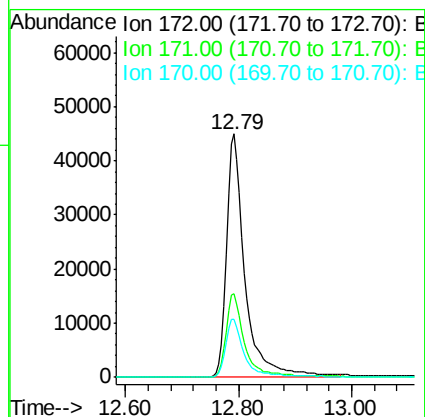
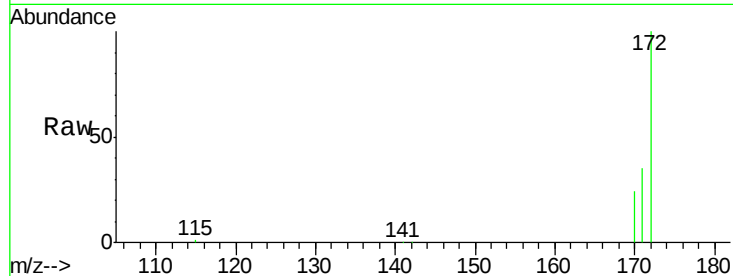




#14
2-Fluorobiphenyl
Concen: 3.20 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090790.D
Acq: 11 Sep 2015 18:29

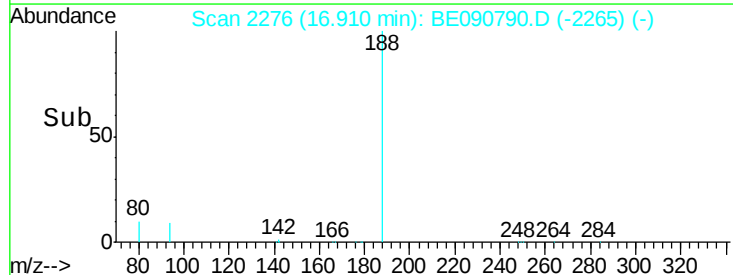
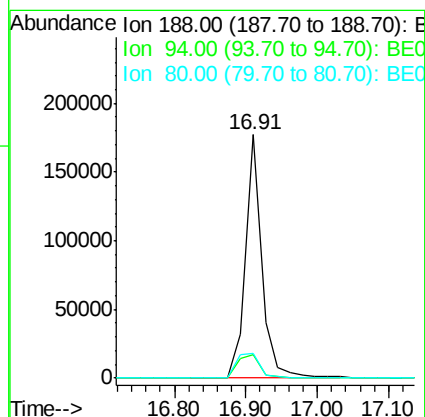
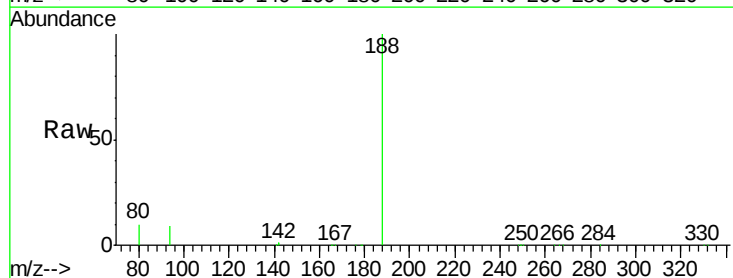
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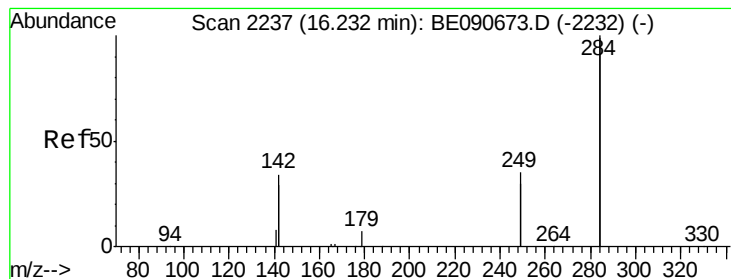
Tot Ion:172 Resp: 101391
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.7 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090790.D
Acq: 11 Sep 2015 18:29

Tgt Ion:188 Resp: 278853
Ion Ratio Lower Upper
188 100
94 9.4 10.3 15.5#
80 10.0 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090790.D

Acq: 11 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

090915-D534-E-D-B

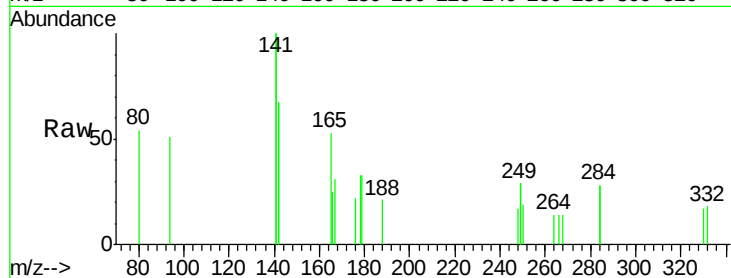
Tot Ion:284 Resp: 94

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

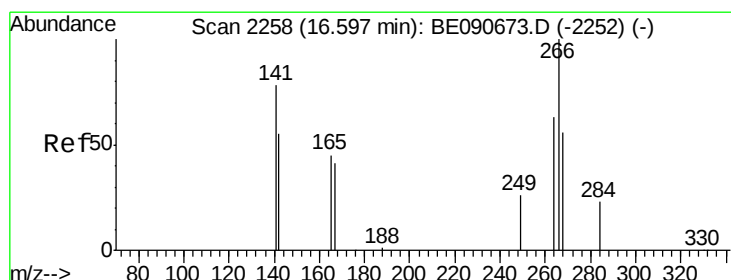
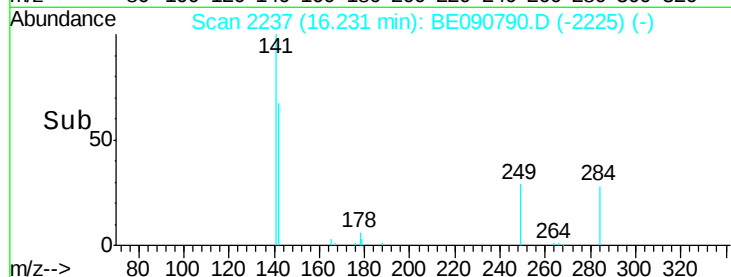
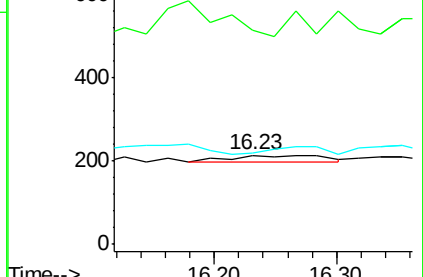
249 0.0 25.5 38.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#21

Pentachlorophenol

Concen: 0.46 ng

RT: 16.60 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BE090790.D

Acq: 11 Sep 2015 18:29

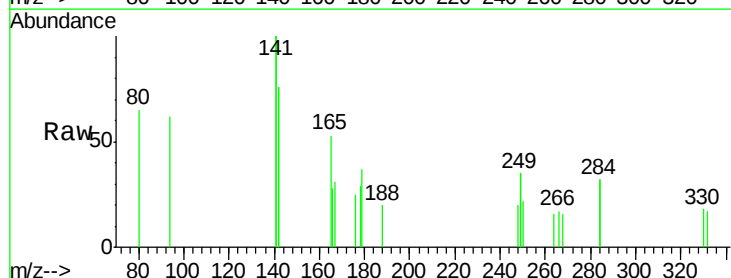
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

268 94.5 49.6 74.4#

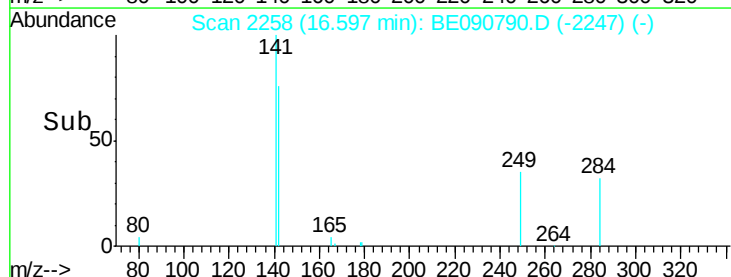
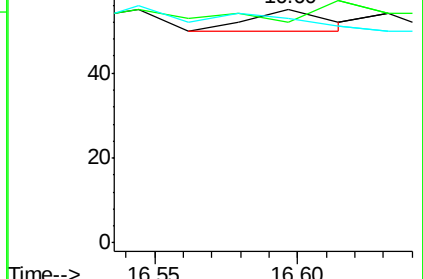
264 96.4 53.9 80.9#



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

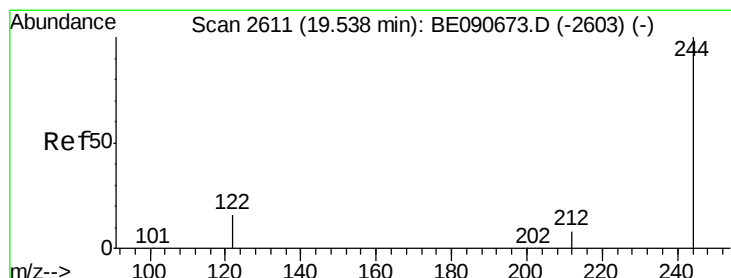
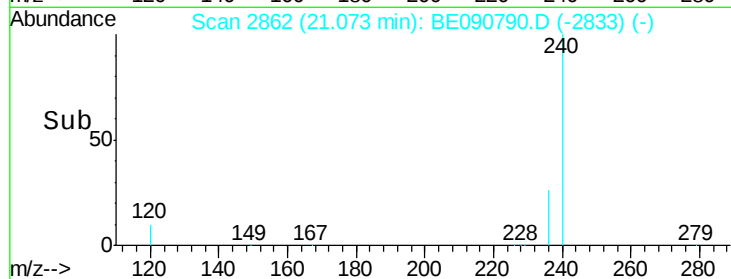
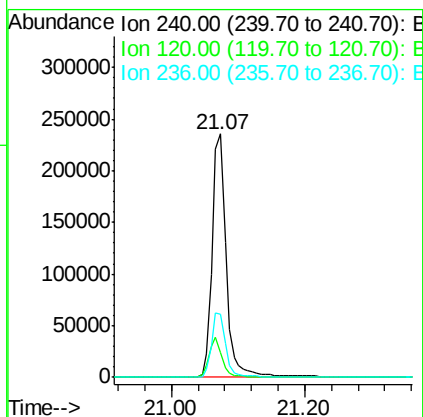
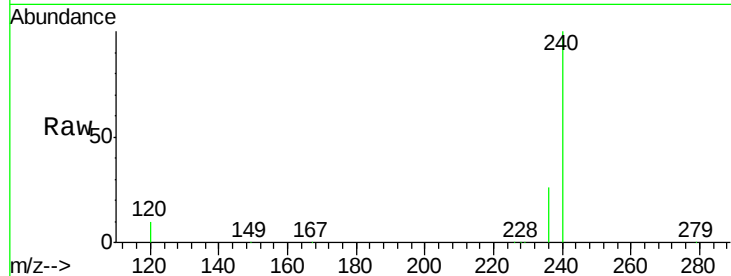




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090790.D
Acq: 11 Sep 2015 18:29

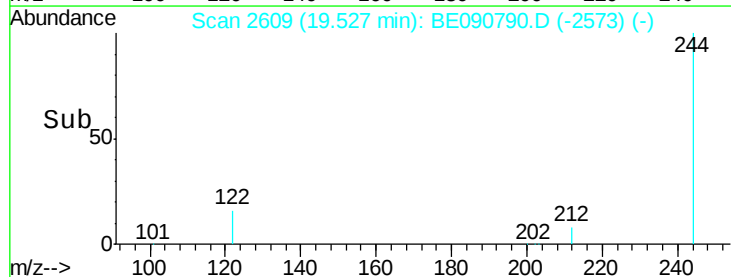
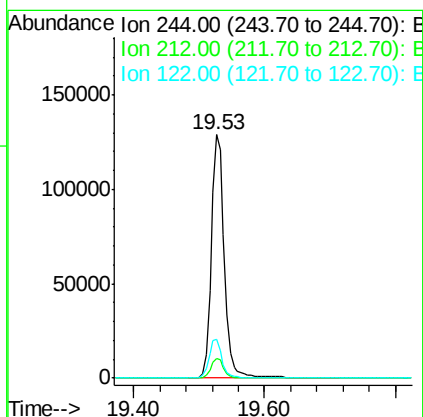
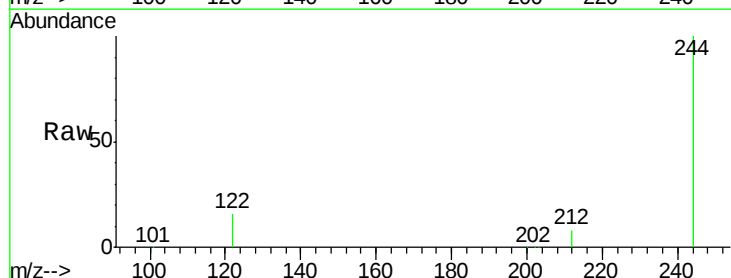
Instrument :
BNA_E
ClientSampleId :
090915-D534-E-D-B

Tot Ion:240 Resp: 341143
Ion Ratio Lower Upper
240 100
120 10.4 10.1 15.1
236 26.2 21.9 32.9



#27
Terphenyl-d14
Concen: 4.73 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090790.D
Acq: 11 Sep 2015 18:29

Tgt Ion:244 Resp: 178581
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 15.9 12.9 19.3





#29

Chrvsene

Concen: Below Cal

RT: 21.07 min Scan# 2861

Delta R.T. -0.04 min

Lab File: BE090790.D

Acq: 11 Sep 2015 18:29

Instrument :

BNA_E

ClientSampleId :

090915-D534-E-D-B

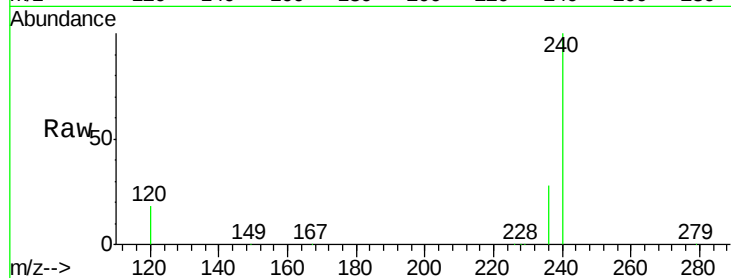
Tot Ion:228 Resp: 1104

Ion Ratio Lower Upper

228 100

226 19.8 24.2 36.4#

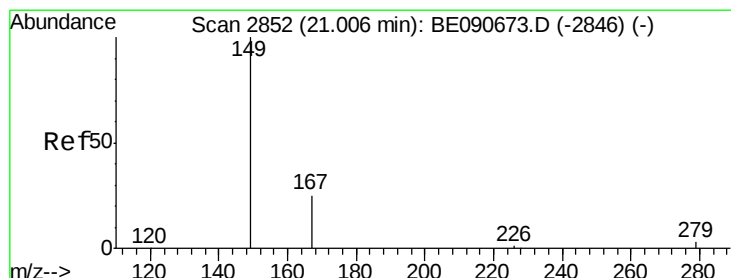
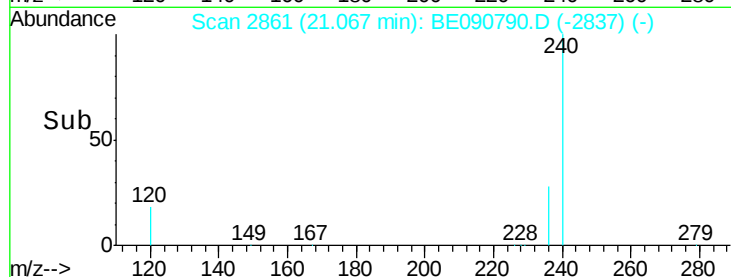
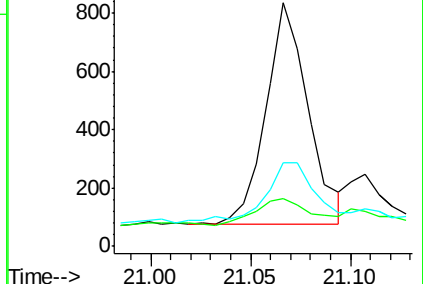
229 34.3 15.3 22.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

RT: 21.00 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BE090790.D

Acq: 11 Sep 2015 18:29

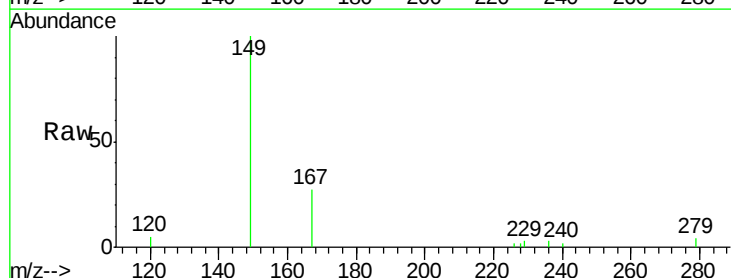
Tgt Ion:149 Resp: 3640

Ion Ratio Lower Upper

149 100

167 24.0 20.1 30.1

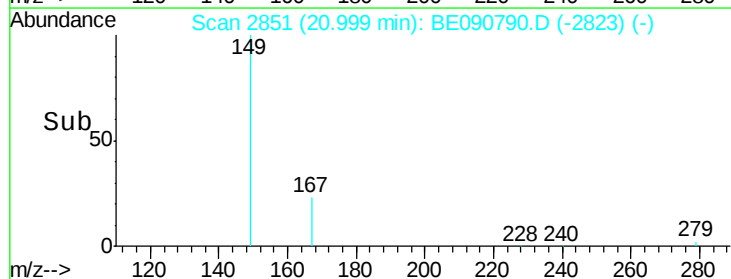
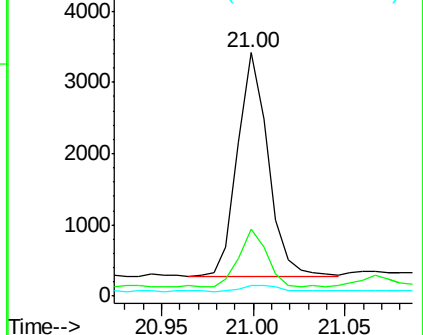
279 3.3 2.3 3.5



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

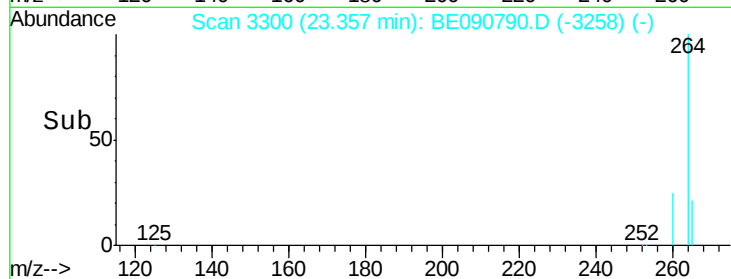
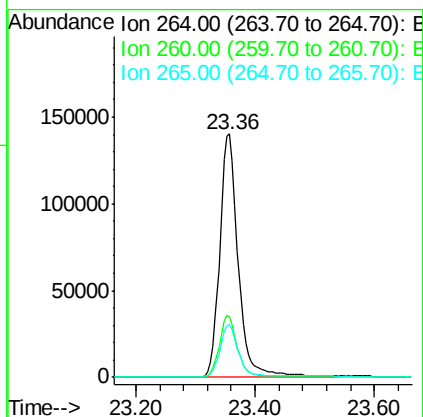
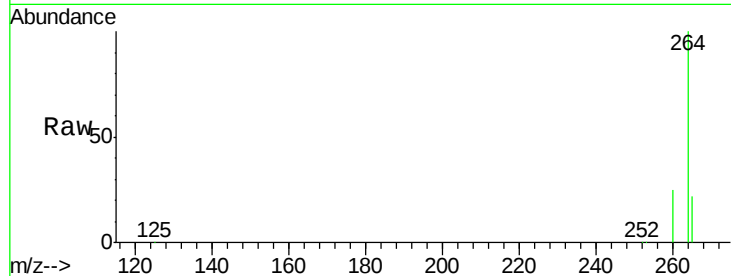




#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3300
 Delta R.T. -0.01 min
 Lab File: BE090790.D
 Acq: 11 Sep 2015 18:29

Instrument :
 BNA_E
 ClientSampleId :
 090915-D534-E-D-B

Tot Ion:264 Resp: 304853
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.7 29.5
 265 21.7 17.5 26.3



#36
 Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.74 min Scan# 3821
 Delta R.T. -0.00 min
 Lab File: BE090790.D
 Acq: 11 Sep 2015 18:29

Tgt Ion:278 Resp: 6
 Ion Ratio Lower Upper
 278 100
 139 155.7 15.4 23.0#
 279 122.9 18.8 28.2#

