

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091715\
 Data File : BE090878.D
 Acq On : 17 Sep 2015 23:19
 Operator : UM/IZ
 Sample : G3700-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-U-B

Quant Time: Sep 18 00:47:38 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

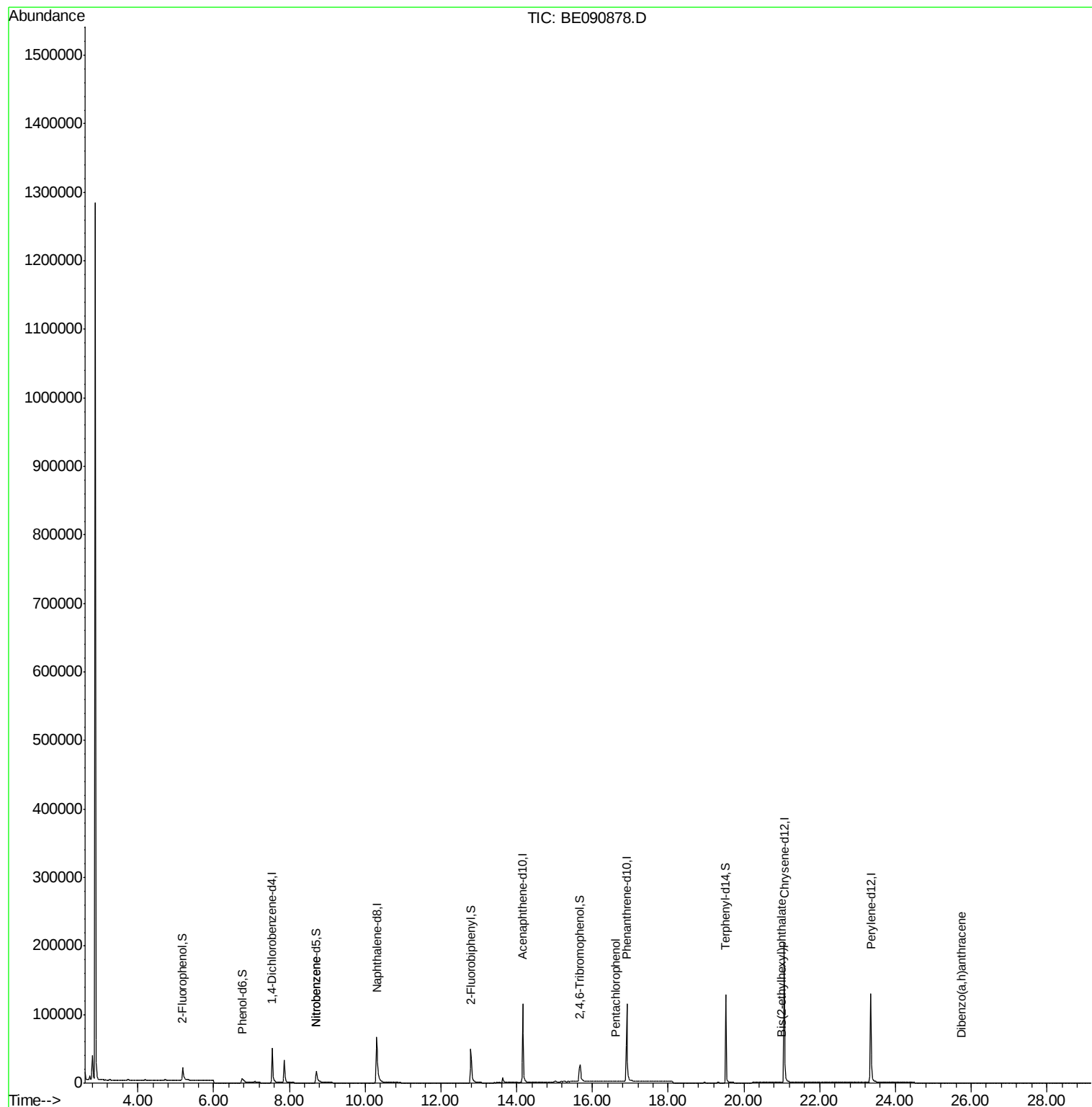
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	31707	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	140995	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	72983	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	172557	5.00	ng	0.00
25) Chrysene-d12	21.07	240	208199	5.00	ng	0.00
32) Perylene-d12	23.35	264	191145	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	22186	3.60	ng	0.00
5) Phenol-d6	6.75	99	17470	1.98	ng	0.00
7) Nitrobenzene-d5	8.71	82	32422	3.48	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	16033	7.49	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	77368	3.83	ng	0.00
27) Terphenyl-d14	19.52	244	141643	6.15	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.16	88	136	Below Cal	#	18
3) n-Nitrosodimethylamine	3.43	42	48	Below Cal	#	6
8) Nitrobenzene	8.71	77	30	0.11 ng	#	61
20) Hexachlorobenzene	16.23	284	198	Below Cal	#	1
21) Pentachlorophenol	16.61	266	16	0.47 ng	#	56
29) Chrysene	21.10	228	880	Below Cal	#	84
30) Bis(2-ethylhexyl)phthalate	21.00	149	1102	0.16 ng	#	100
36) Dibenzo(a,h)anthracene	25.75	278	364	0.15 ng	#	1

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091715\
Data File : BE090878.D
Acq On : 17 Sep 2015 23:19
Operator : UM/IZ
Sample : G3700-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Quant Time: Sep 18 00:47:38 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



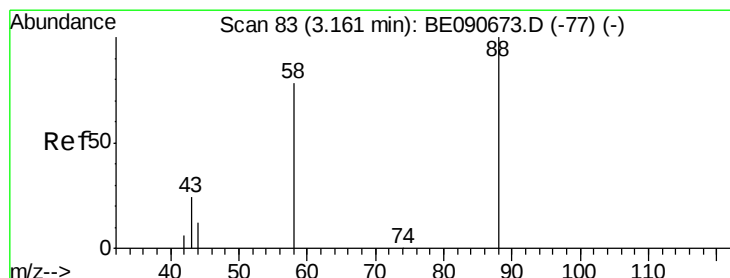
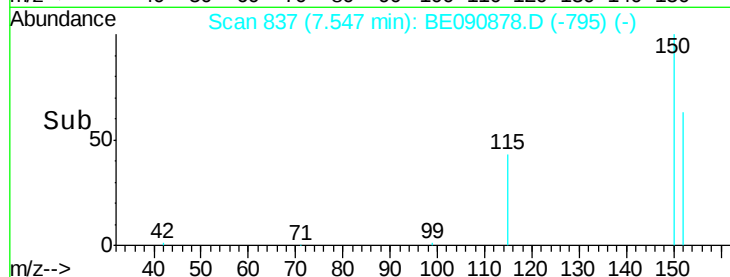
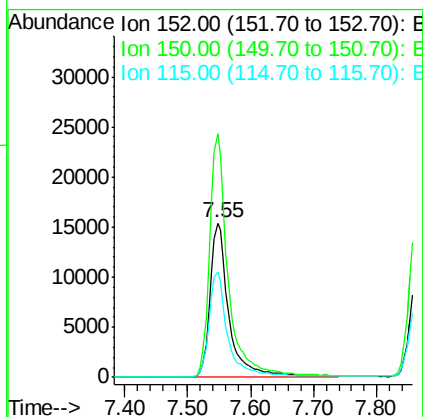
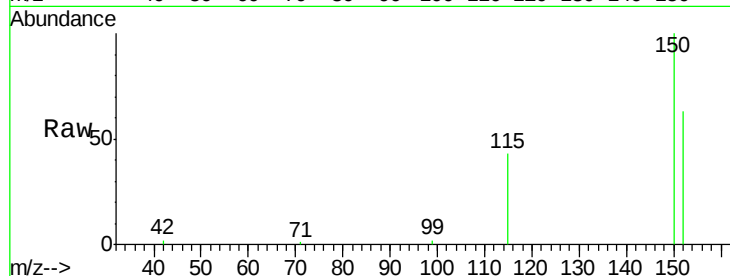


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090878.D
Acq: 17 Sep 2015 23:19

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

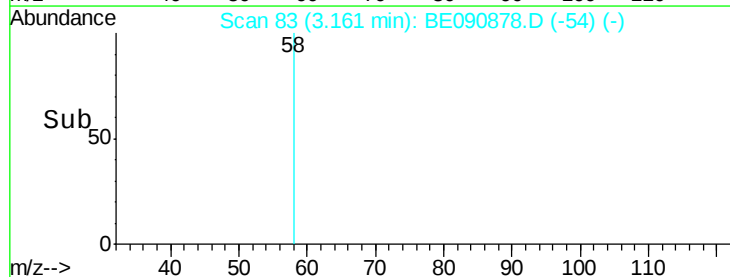
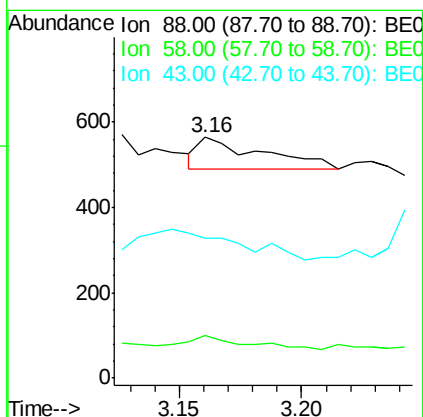
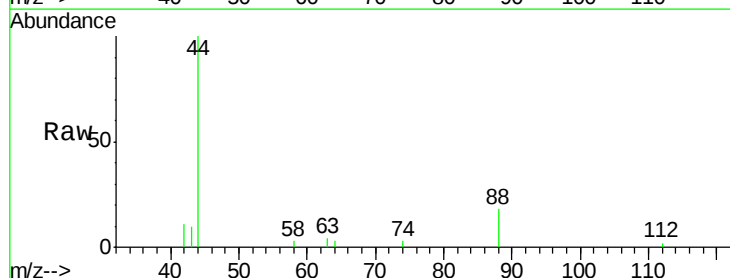
Tot Ion:152 Resp: 31707
Ion Ratio Lower Upper
152 100
150 157.8 122.2 183.4
115 68.2 51.0 76.4



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.16 min Scan# 83
Delta R.T. -0.00 min
Lab File: BE090878.D
Acq: 17 Sep 2015 23:19

Tgt Ion: 88 Resp: 136
Ion Ratio Lower Upper
88 100
58 48.5 68.4 102.6#
43 139.7 26.9 40.3#



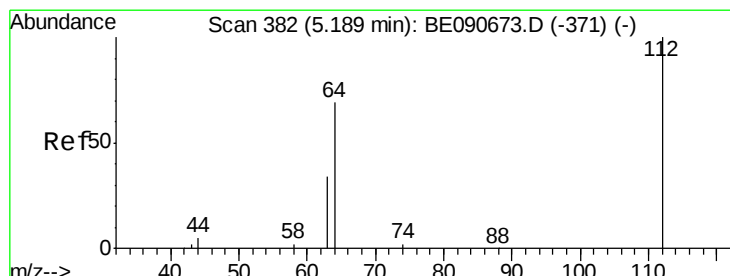
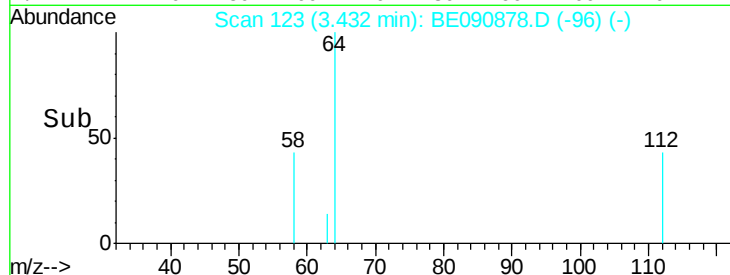
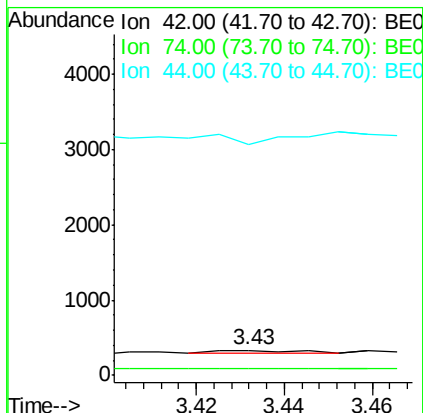
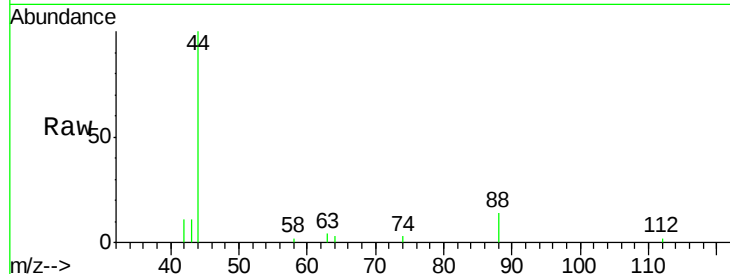


#3

n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.43 min Scan# 123
 Delta R.T. -0.02 min
 Lab File: BE090878.D
 Acq: 17 Sep 2015 23:19

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-U-B

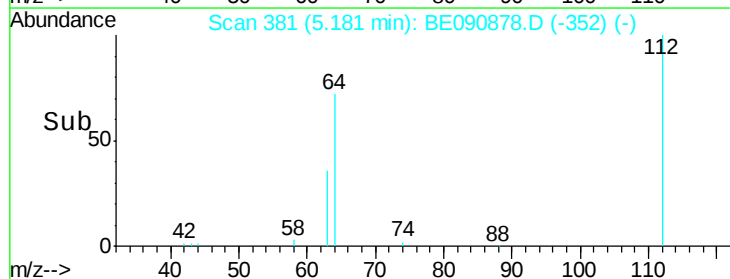
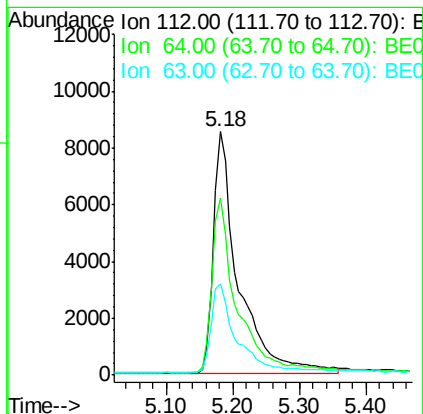
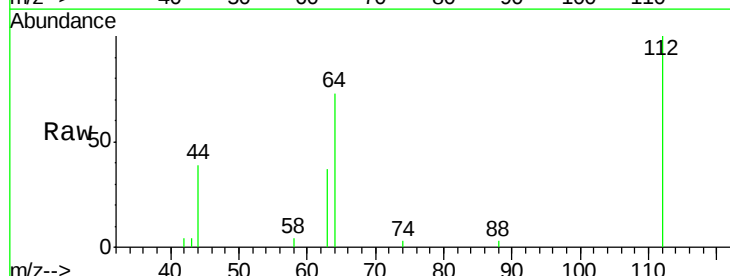
Tot Ion: 42 Resp: 48
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 0.0 10.0 15.0#



#4

2-Fluorophenol
 Concen: 3.60 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090878.D
 Acq: 17 Sep 2015 23:19

Tgt Ion: 112 Resp: 22186
 Ion Ratio Lower Upper
 112 100
 64 72.7 57.3 85.9
 63 37.7 29.2 43.8





#5

Phenol-d6

Concen: 1.98 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090878.D

Acq: 17 Sep 2015 23:19

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-B

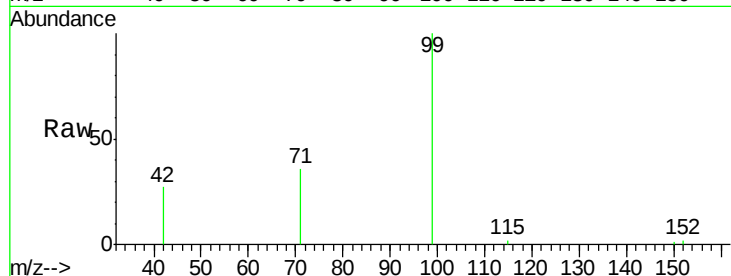
Tot Ion: 99 Resp: 17470

Ion Ratio Lower Upper

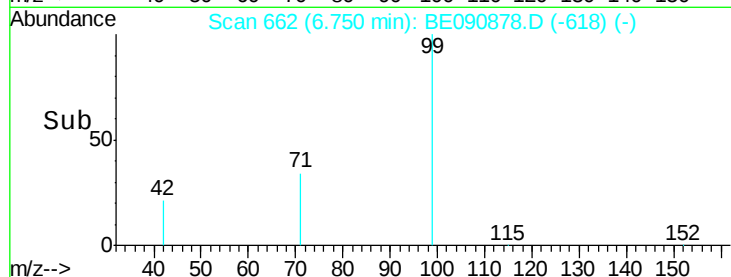
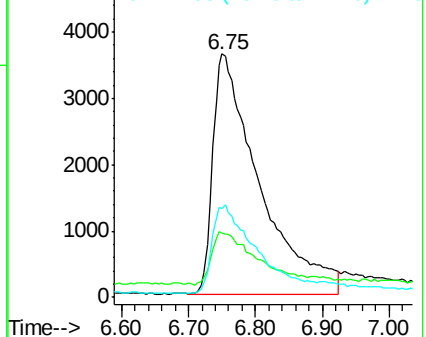
99 100

42 21.7 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: BE090878.D

Acq: 17 Sep 2015 23:19

Tgt Ion: 136 Resp: 140995

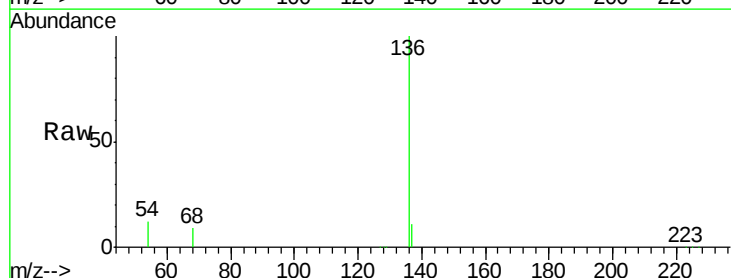
Ion Ratio Lower Upper

136 100

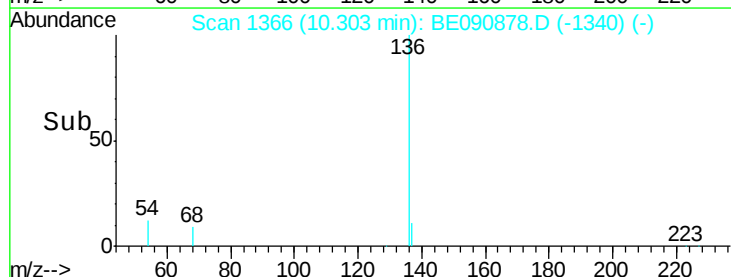
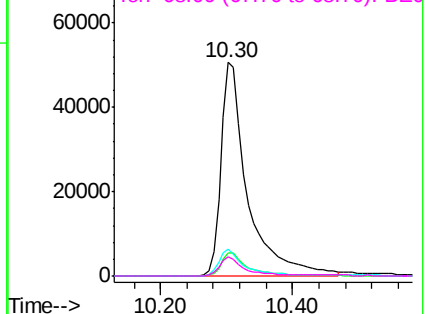
137 10.7 8.7 13.1

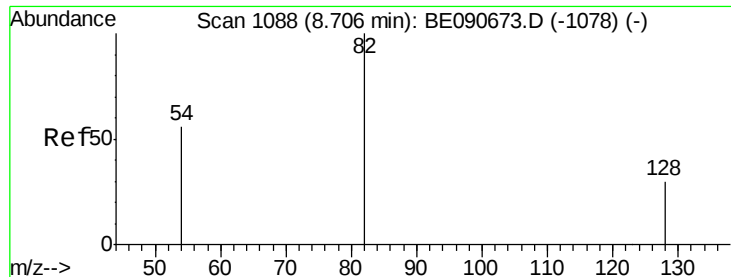
54 12.4 9.0 13.6

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: 3.48 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090878.D

Acq: 17 Sep 2015 23:19

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-B

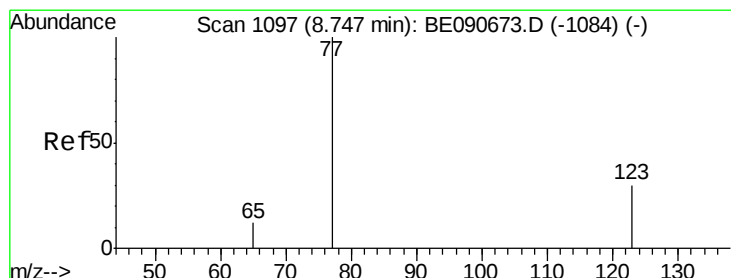
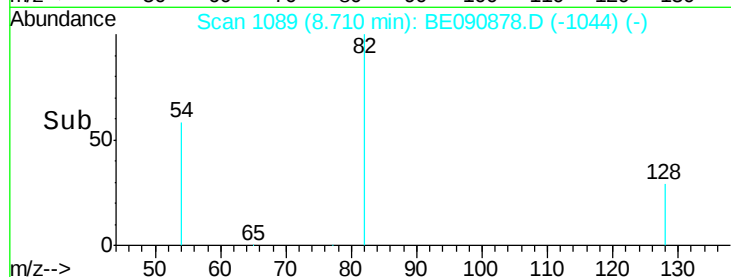
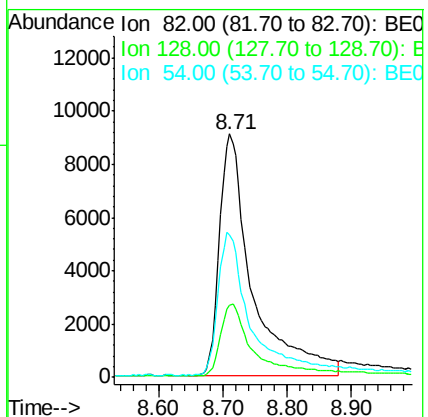
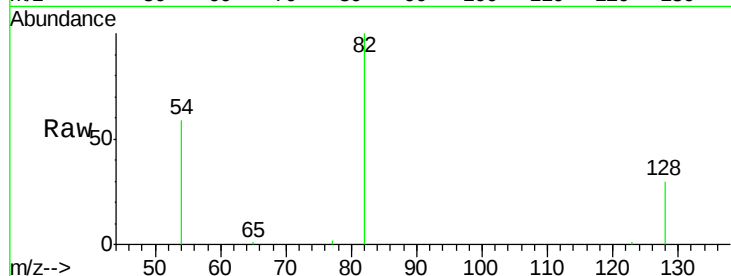
Tot Ion: 82 Resp: 32422

Ion Ratio Lower Upper

82 100

128 29.7 25.0 37.4

54 58.7 46.3 69.5



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.71 min Scan# 1089

Delta R.T. -0.04 min

Lab File: BE090878.D

Acq: 17 Sep 2015 23:19

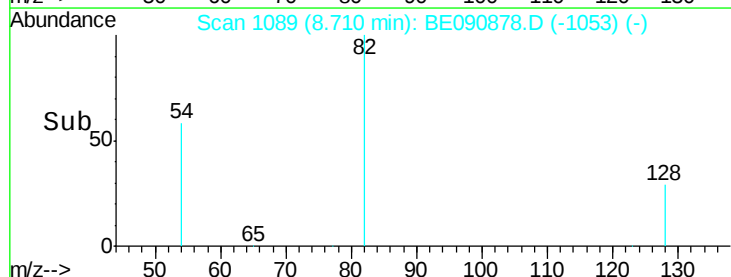
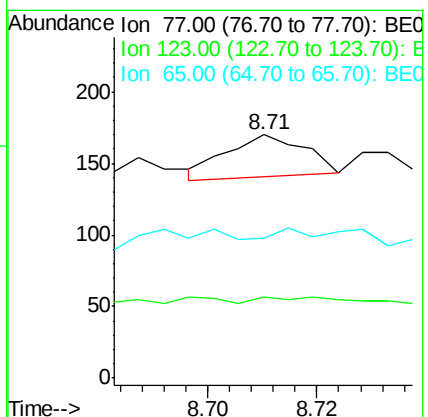
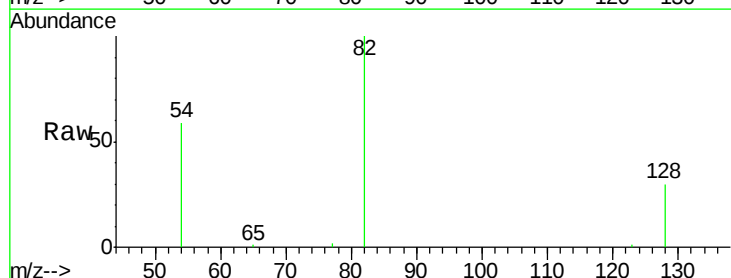
Tgt Ion: 77 Resp: 30

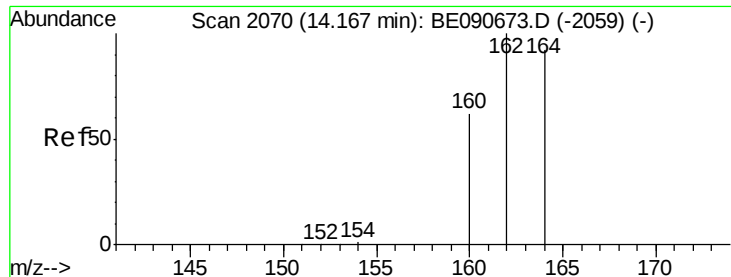
Ion Ratio Lower Upper

77 100

123 16.7 25.1 37.7#

65 40.0 9.9 14.9#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE090878.D

Acq: 17 Sep 2015 23:19

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-B

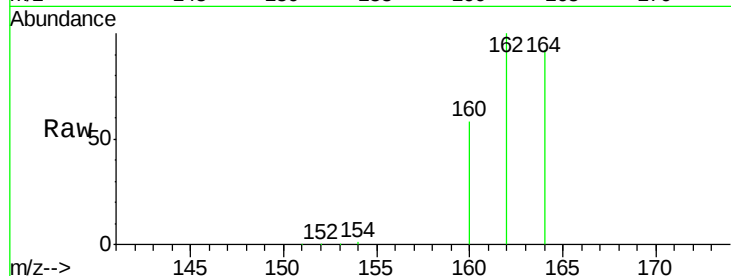
Tot Ion:164 Resp: 72983

Ion Ratio Lower Upper

164 100

162 109.0 86.8 130.2

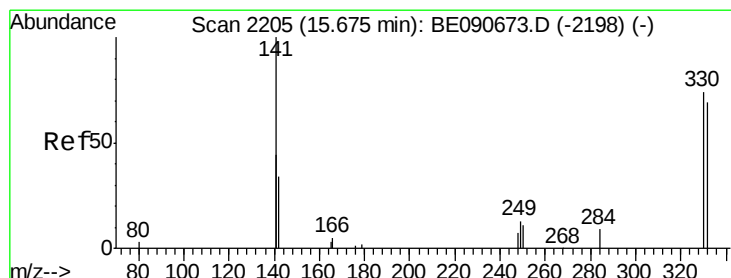
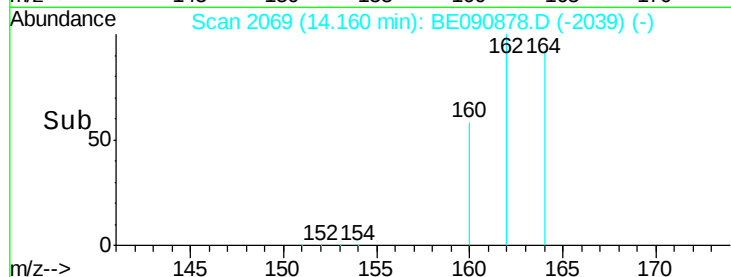
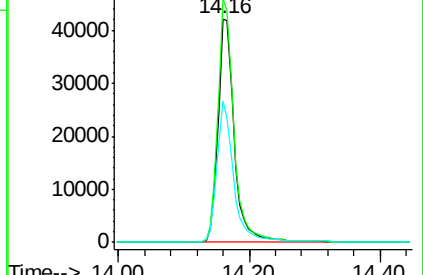
160 63.2 53.9 80.9



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



#13

2,4,6-Tribromophenol

Concen: 7.49 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090878.D

Acq: 17 Sep 2015 23:19

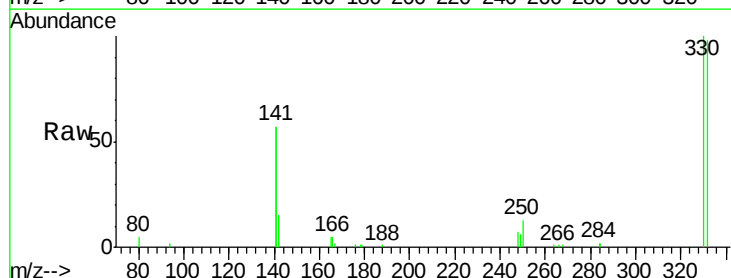
Tgt Ion:330 Resp: 16033

Ion Ratio Lower Upper

330 100

332 97.8 74.9 112.3

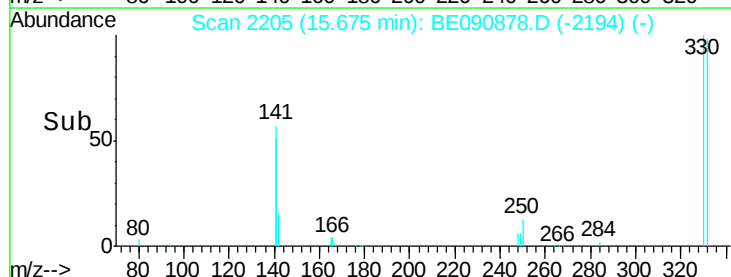
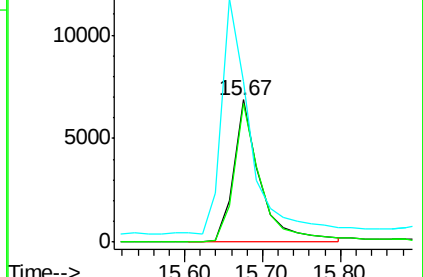
141 178.0 145.2 217.8



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

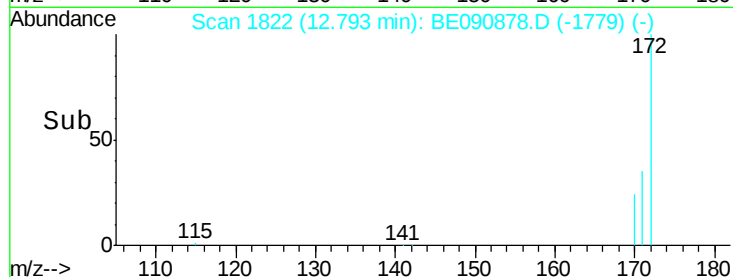
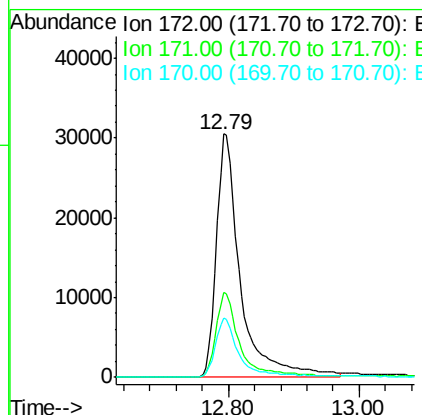
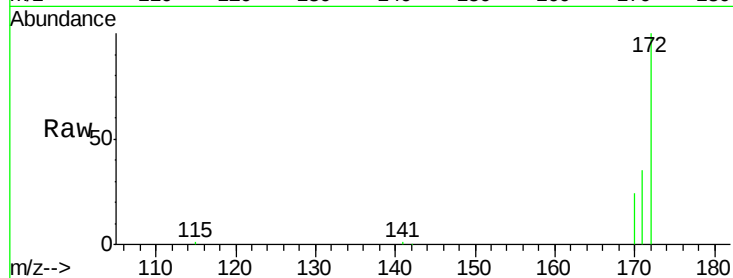




#14
2-Fluorobiphenyl
Concen: 3.83 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090878.D
Acq: 17 Sep 2015 23:19

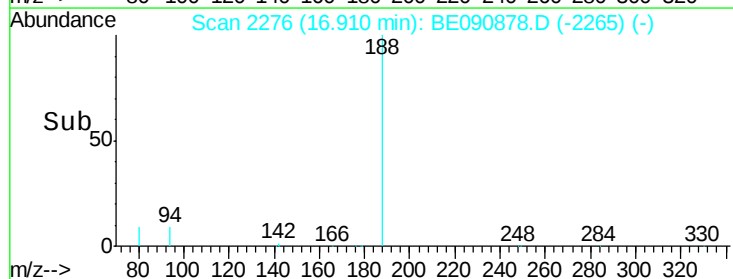
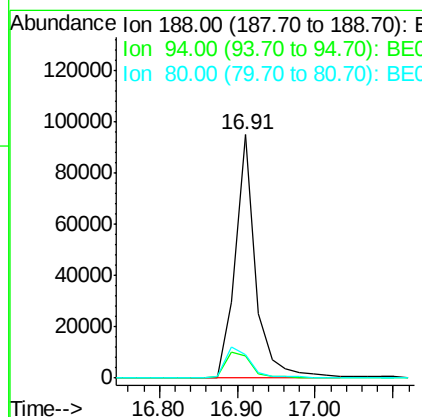
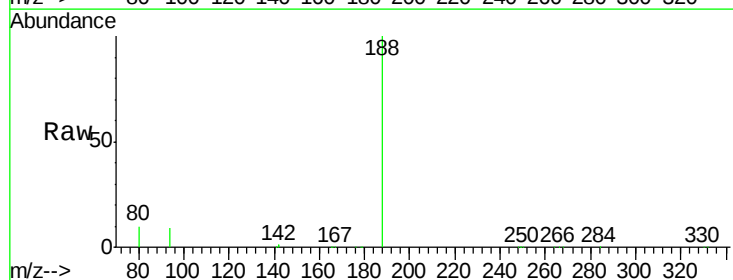
Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tot Ion:172 Resp: 77368
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 24.4 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: BE090878.D
Acq: 17 Sep 2015 23:19

Tgt Ion:188 Resp: 172557
Ion Ratio Lower Upper
188 100
94 9.0 10.3 15.5#
80 9.5 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090878.D

Acq: 17 Sep 2015 23:19

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-B

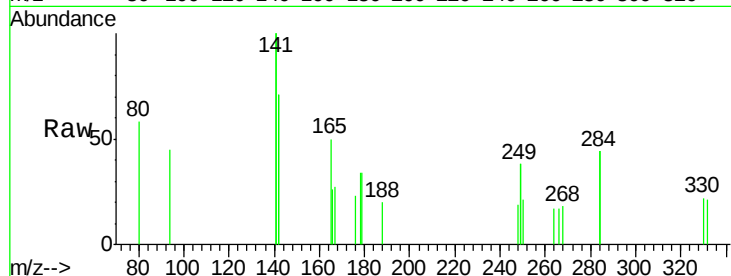
Tot Ion:284 Resp: 198

Ion Ratio Lower Upper

284 100

142 172.7 35.0 52.4#

249 61.1 25.5 38.3#



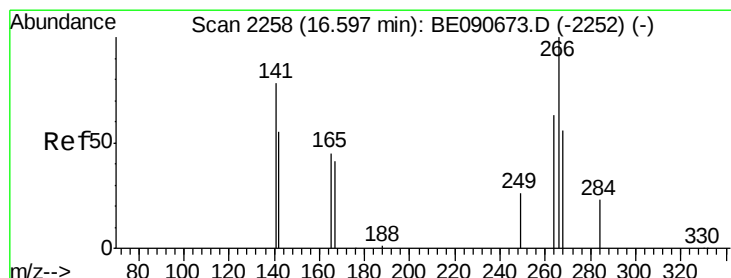
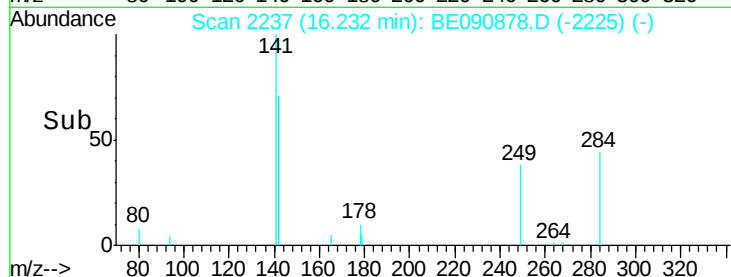
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.23

Time-->



#21

Pentachlorophenol

Concen: 0.47 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.02 min

Lab File: BE090878.D

Acq: 17 Sep 2015 23:19

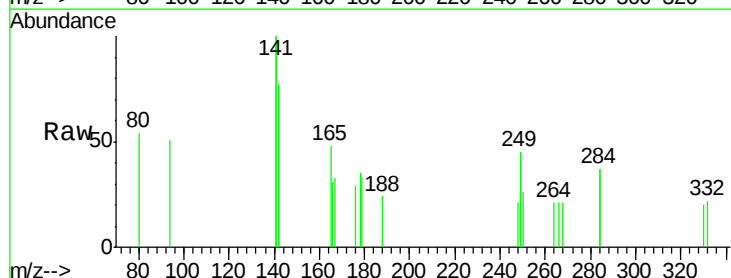
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

268 100.0 49.6 74.4#

264 98.2 53.9 80.9#



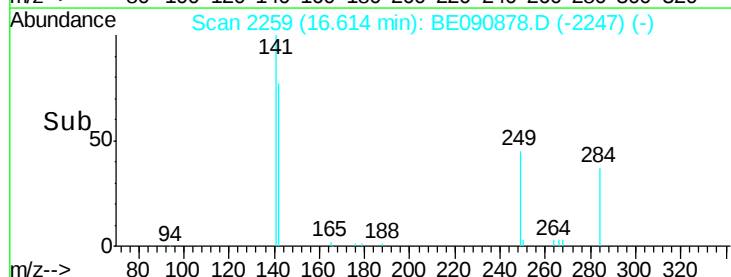
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

16.61

Time-->





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090878.D

Acq: 17 Sep 2015 23:19

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-B

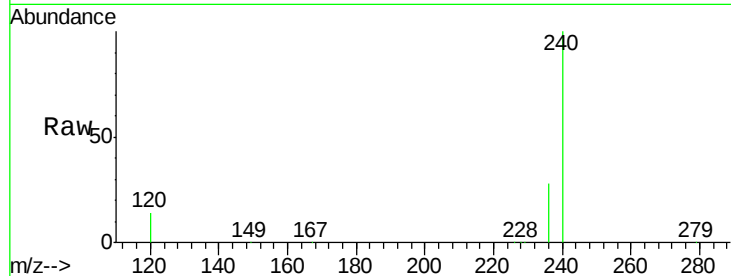
Tot Ion:240 Resp: 208199

Ion Ratio Lower Upper

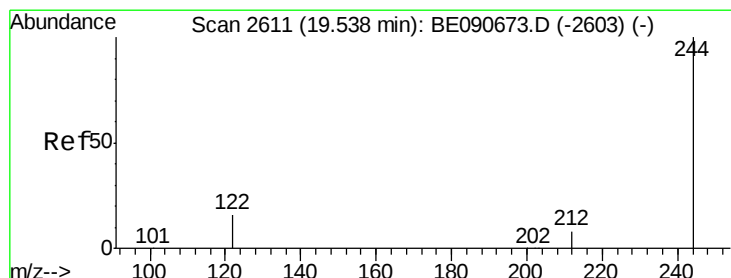
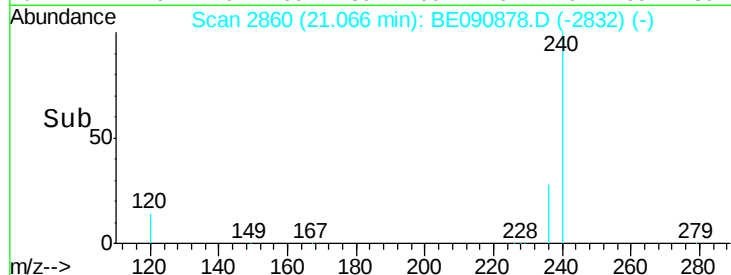
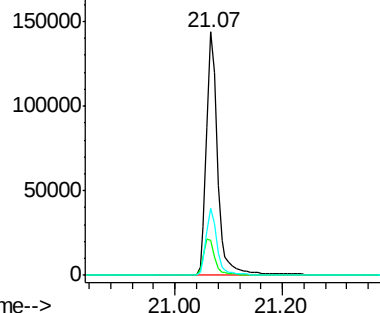
240 100

120 14.4 10.1 15.1

236 27.6 21.9 32.9



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: 6.15 ng

RT: 19.52 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BE090878.D

Acq: 17 Sep 2015 23:19

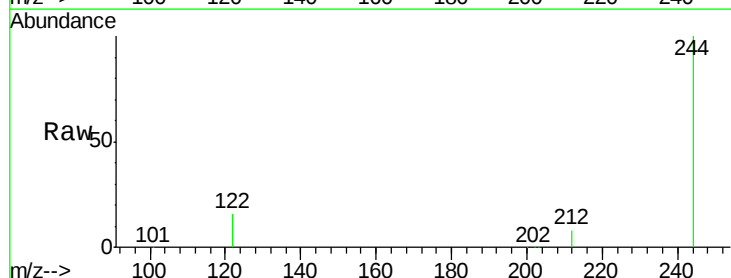
Tgt Ion:244 Resp: 141643

Ion Ratio Lower Upper

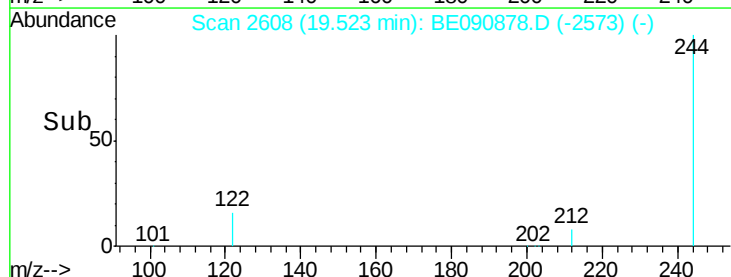
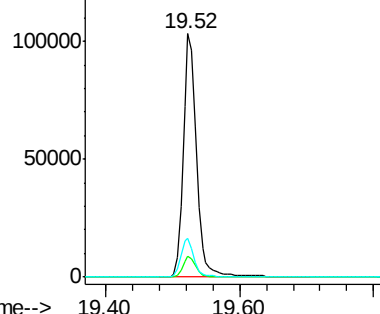
244 100

212 8.4 6.9 10.3

122 15.8 12.9 19.3



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





#29

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090878.D

Acq: 17 Sep 2015 23:19

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-B

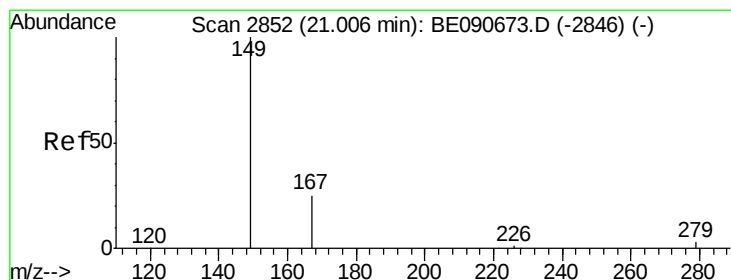
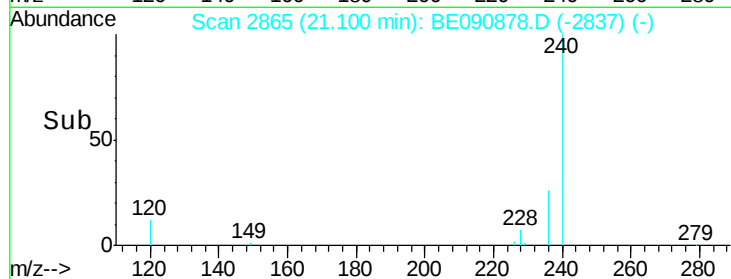
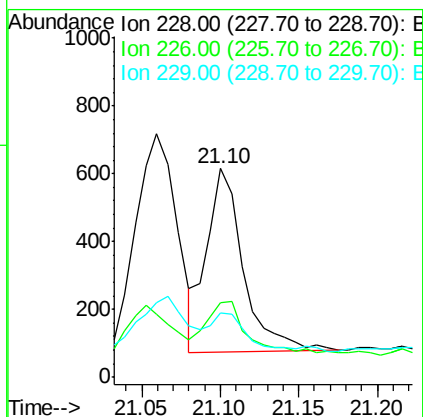
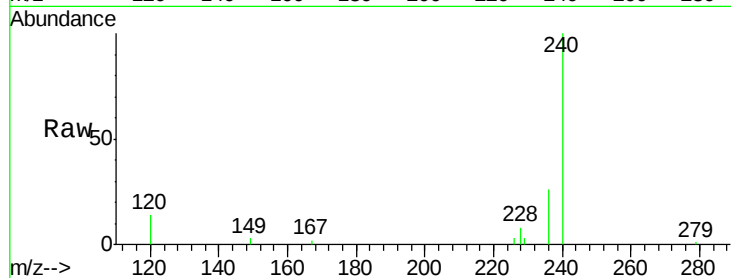
Tot Ion:228 Resp: 880

Ion Ratio Lower Upper

228 100

226 35.6 24.2 36.4

229 31.0 15.3 22.9#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.16 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090878.D

Acq: 17 Sep 2015 23:19

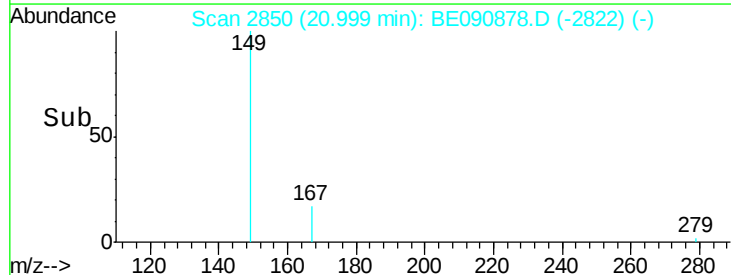
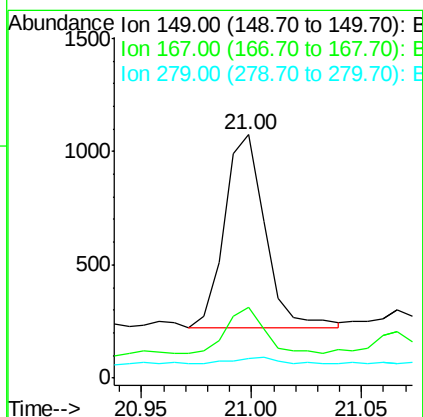
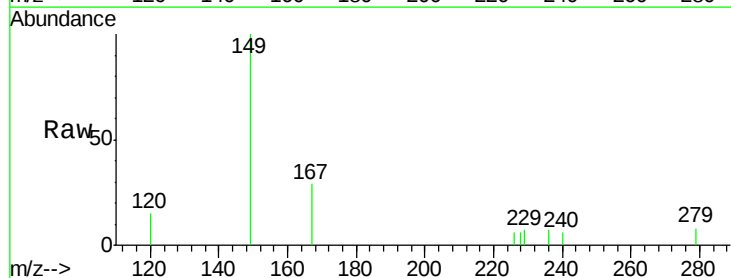
Tgt Ion:149 Resp: 1102

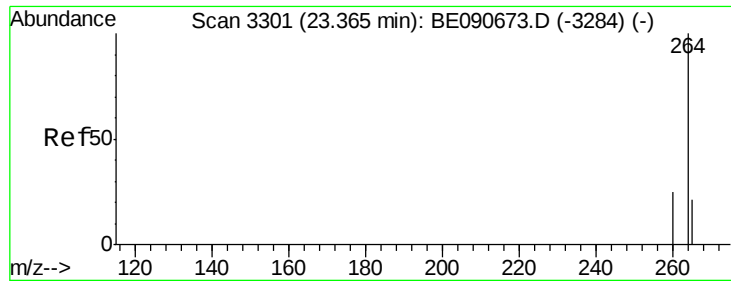
Ion Ratio Lower Upper

149 100

167 25.0 20.1 30.1

279 4.2 2.3 3.5#

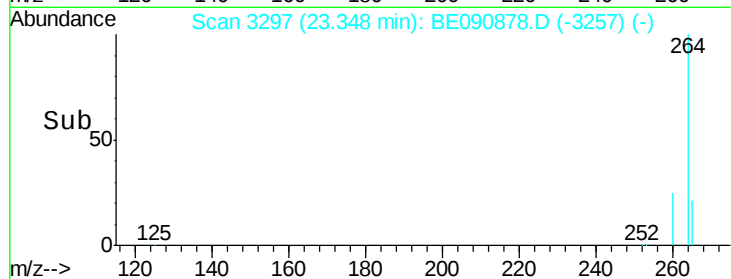
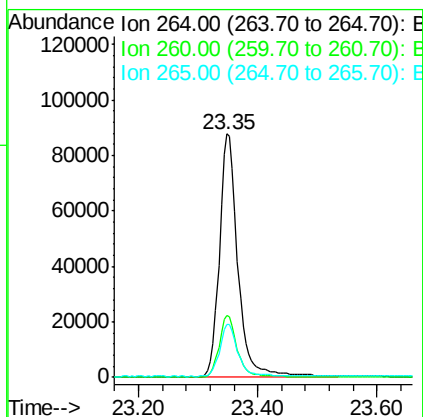




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.02 min
Lab File: BE090878.D
Acq: 17 Sep 2015 23:19

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-B

Tot Ion:264 Resp: 191145
Ion Ratio Lower Upper
264 100
260 25.4 19.7 29.5
265 21.8 17.5 26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.15 ng
RT: 25.75 min Scan# 3821
Delta R.T. 0.00 min
Lab File: BE090878.D
Acq: 17 Sep 2015 23:19

Tgt Ion:278 Resp: 364
Ion Ratio Lower Upper
278 100
139 70.5 15.4 23.0#
279 67.8 18.8 28.2#

