

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091715\
 Data File : BE090875.D
 Acq On : 17 Sep 2015 21:31
 Operator : UM/IZ
 Sample : G3700-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Sep 18 00:47:02 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	36454	5.00	ng	-0.01
6) Naphthalene-d8	10.30	136	168029	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	88526	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	210169	5.00	ng	0.00
25) Chrysene-d12	21.07	240	247698	5.00	ng	0.00
32) Perylene-d12	23.35	264	216933	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	26563	3.75	ng	0.00
5) Phenol-d6	6.74	99	21906	2.16	ng	0.00
7) Nitrobenzene-d5	8.71	82	42996	3.87	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	19357	7.46	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	100449	4.10	ng	0.00
27) Terphenyl-d14	19.52	244	162479	5.93	ng	-0.02

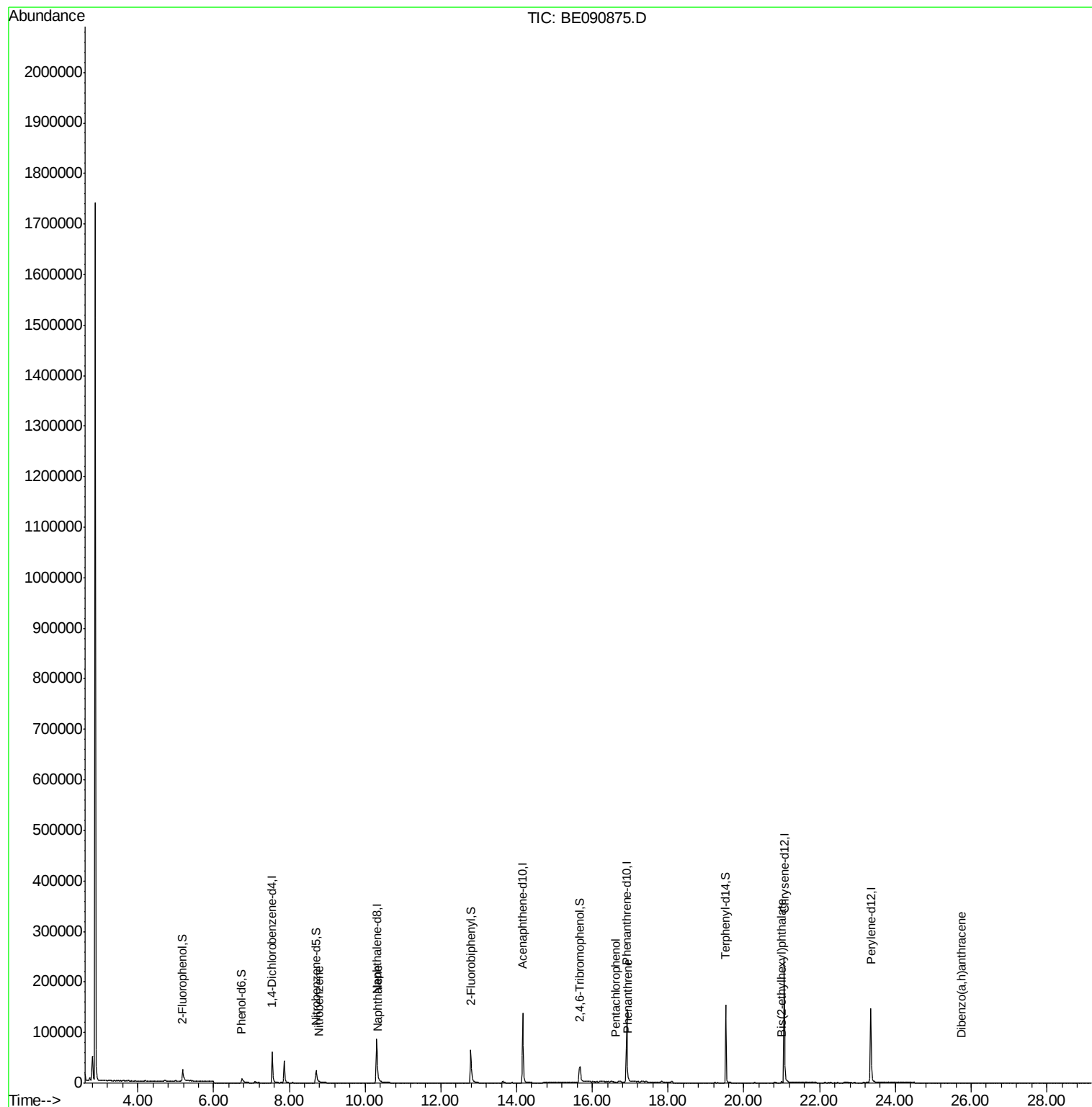
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	110	Below Cal	#	1
3) n-Nitrosodimethylamine	3.44	42	134	Below Cal	#	6
8) Nitrobenzene	8.78	77	26	0.11 ng	#	80
9) Naphthalene	10.35	128	1020	0.03 ng	#	76
20) Hexachlorobenzene	16.28	284	71	Below Cal	#	76
21) Pentachlorophenol	16.61	266	64	0.48 ng	#	71
22) Phenanthrene	16.94	178	1364	0.03 ng	#	83
29) Chrysene	21.10	228	565	Below Cal	#	77
30) Bis(2-ethylhexyl)phthalate	21.00	149	2678	0.25 ng	#	98
36) Dibenzo(a,h)anthracene	25.75	278	131	0.14 ng	#	1

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

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QLast Update : Wed Sep 02 11:40:50 2015
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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: BE090875.D

Acq: 17 Sep 2015 21:31

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-B

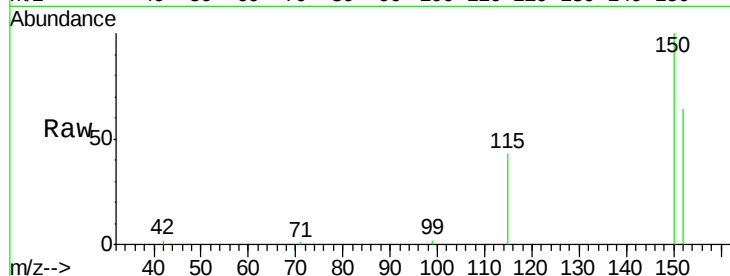
Tot Ion:152 Resp: 36454

Ion Ratio Lower Upper

152 100

150 155.9 122.2 183.4

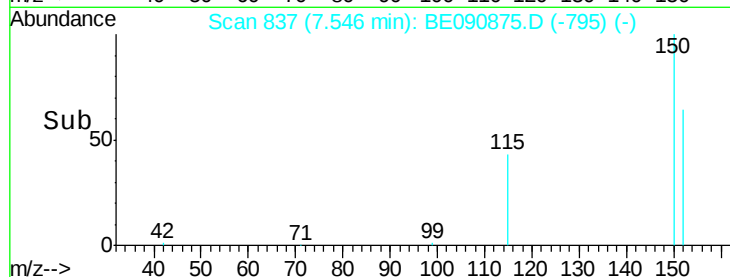
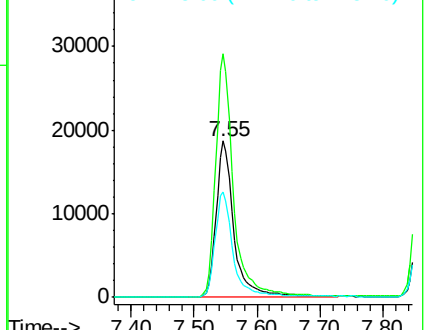
115 67.3 51.0 76.4



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090875.D

Acq: 17 Sep 2015 21:31

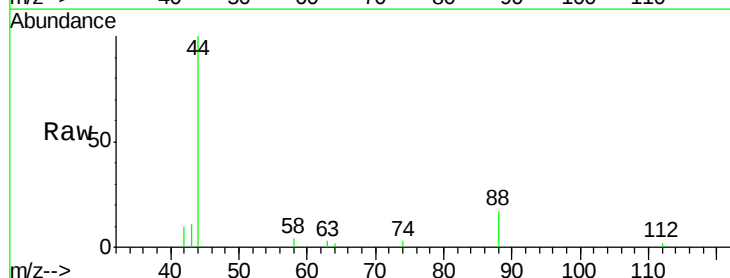
Tgt Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

58 51.8 68.4 102.6#

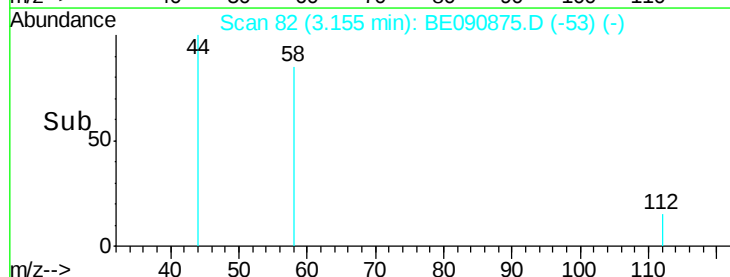
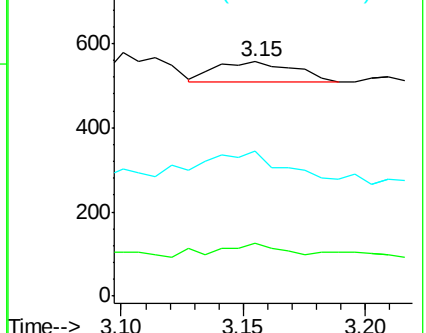
43 233.6 26.9 40.3#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



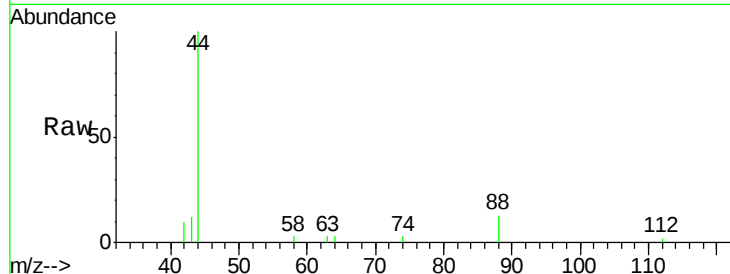


#3

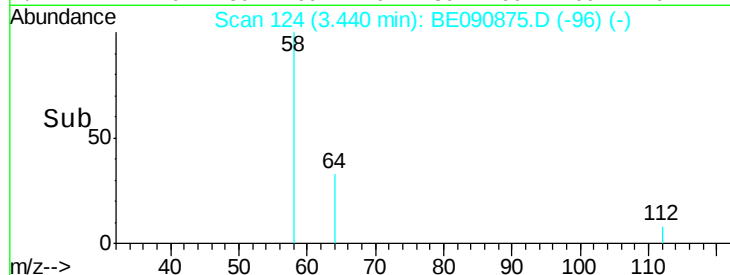
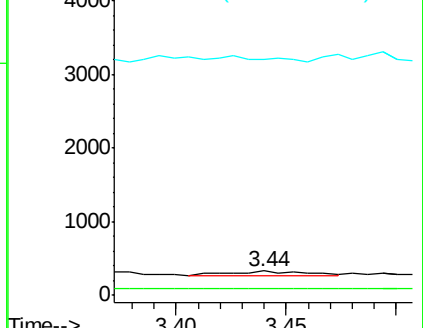
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.44 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BE090875.D
 Acq: 17 Sep 2015 21:31

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

Tot Ion: 42 Resp: 134
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 0.0 10.0 15.0#



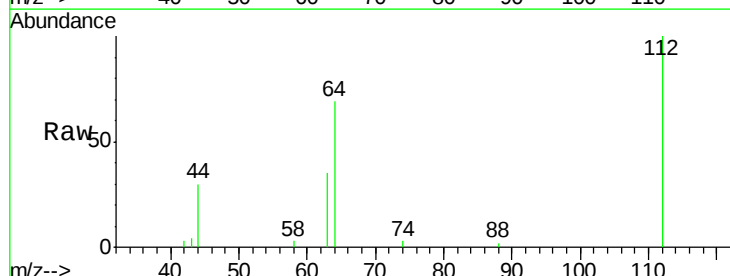
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



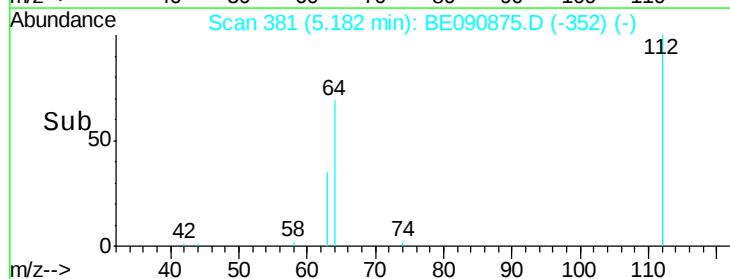
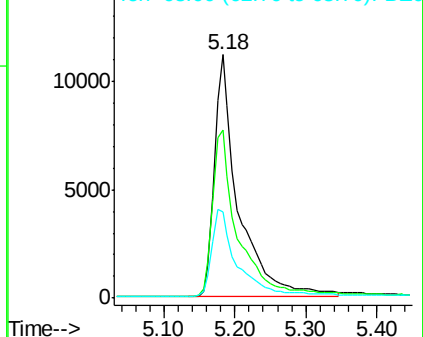
#4

2-Fluorophenol
 Concen: 3.75 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090875.D
 Acq: 17 Sep 2015 21:31

Tgt Ion: 112 Resp: 26563
 Ion Ratio Lower Upper
 112 100
 64 72.7 57.3 85.9
 63 38.1 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: 2.16 ng

RT: 6.74 min Scan# 661

Delta R.T. -0.01 min

Lab File: BE090875.D

Acq: 17 Sep 2015 21:31

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-B

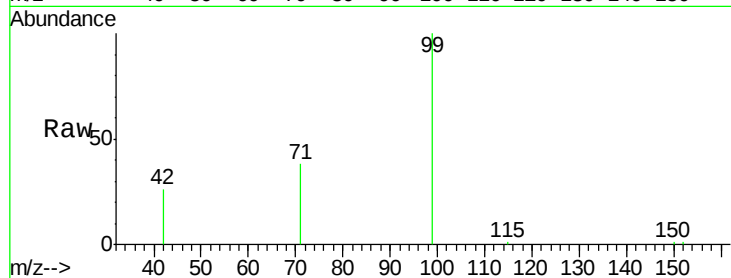
Tot Ion: 99 Resp: 21906

Ion Ratio Lower Upper

99 100

42 19.7 16.8 25.2

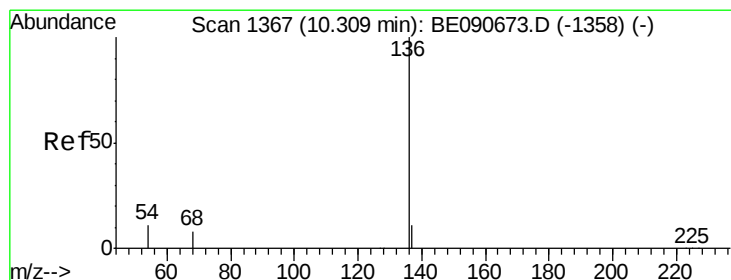
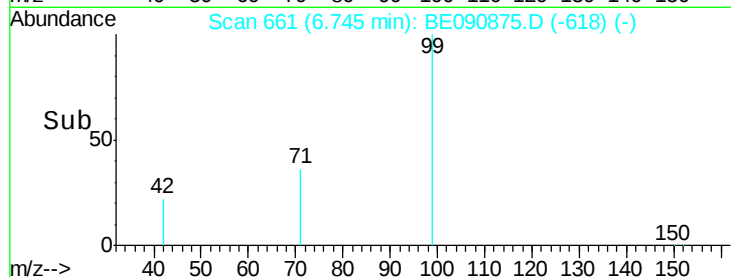
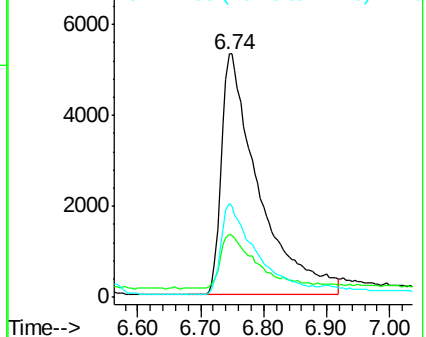
71 35.9 28.3 42.5



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: BE090875.D

Acq: 17 Sep 2015 21:31

Tgt Ion: 136 Resp: 168029

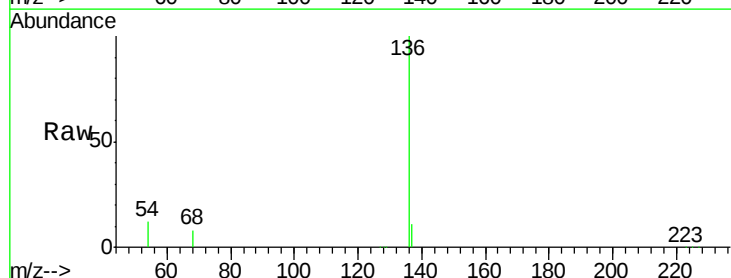
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.8 9.0 13.6

68 8.4 6.3 9.5

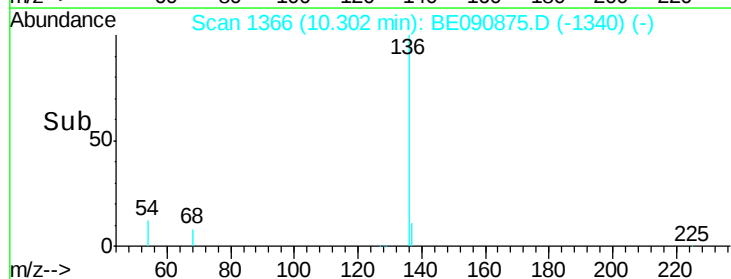
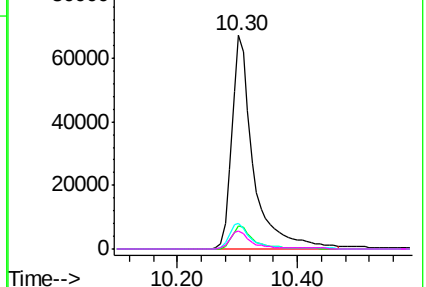


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.87 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090875.D

Acq: 17 Sep 2015 21:31

Instrument :

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ClientSampleId :

091515-P004-E-D-B

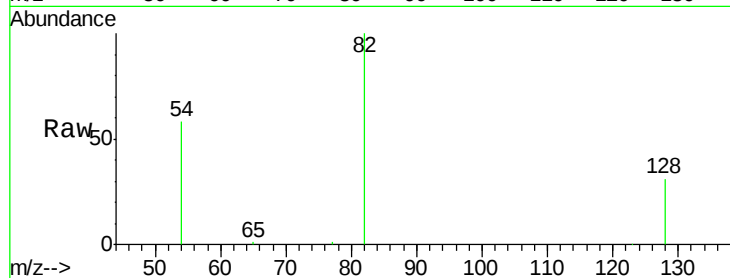
Tot Ion: 82 Resp: 42996

Ion Ratio Lower Upper

82 100

128 30.7 25.0 37.4

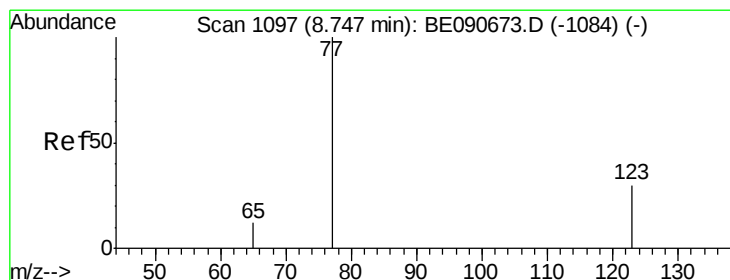
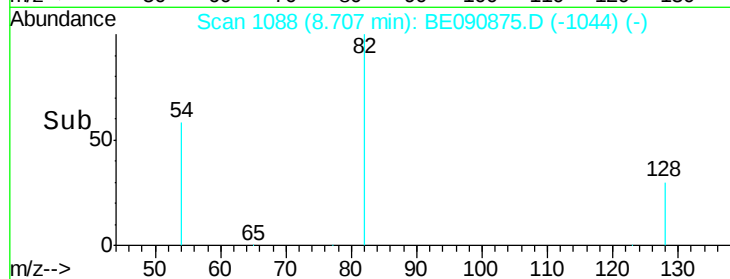
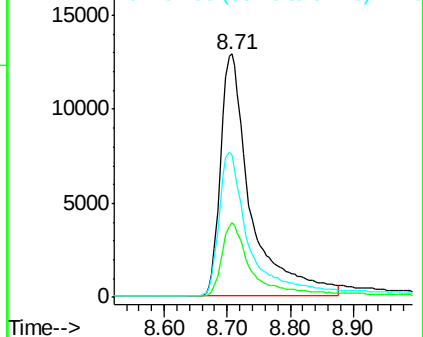
54 58.4 46.3 69.5



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: 8.78 min Scan# 1103

Delta R.T. 0.03 min

Lab File: BE090875.D

Acq: 17 Sep 2015 21:31

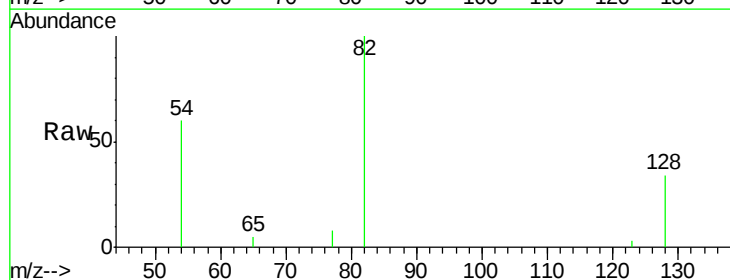
Tgt Ion: 77 Resp: 26

Ion Ratio Lower Upper

77 100

123 23.1 25.1 37.7#

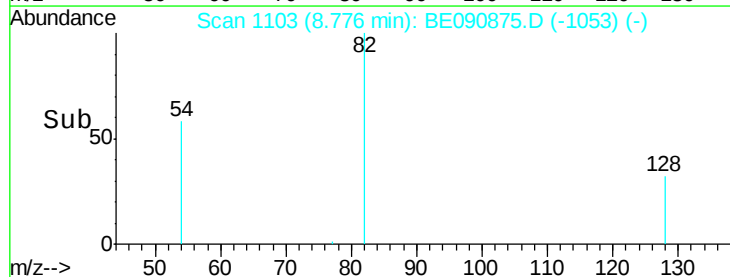
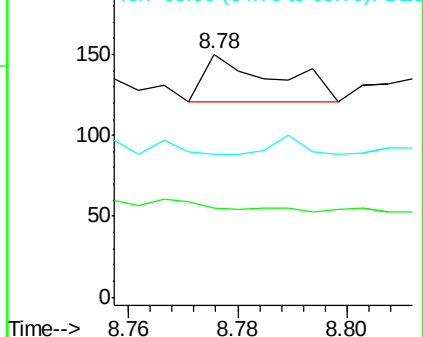
65 0.0 9.9 14.9#



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





#9

Naphthalene

Concen: 0.03 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090875.D

Acq: 17 Sep 2015 21:31

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-B

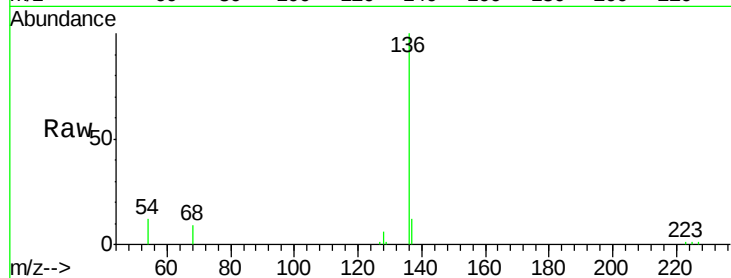
Tot Ion:128 Resp: 1020

Ion Ratio Lower Upper

128 100

129 21.0 9.0 13.6#

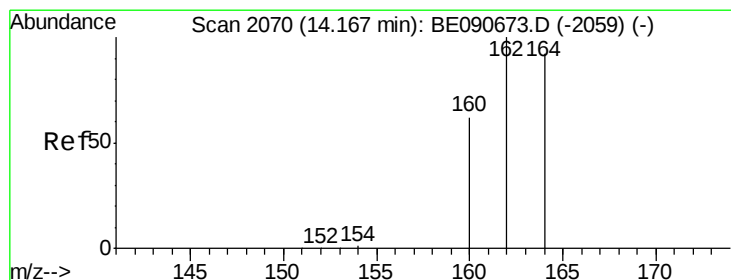
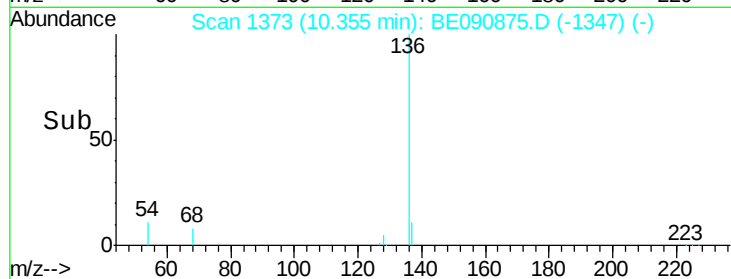
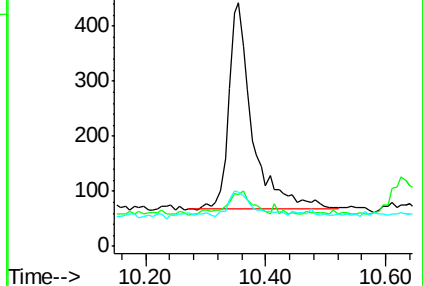
127 22.4 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE090875.D

Acq: 17 Sep 2015 21:31

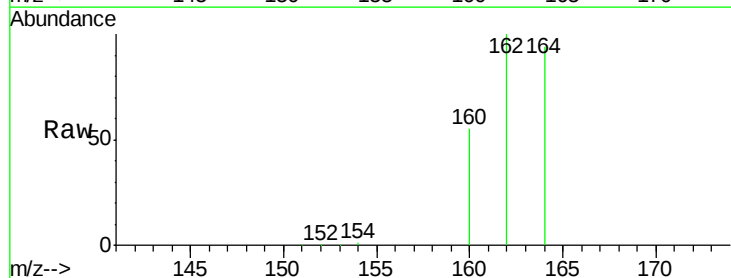
Tgt Ion:164 Resp: 88526

Ion Ratio Lower Upper

164 100

162 106.7 86.8 130.2

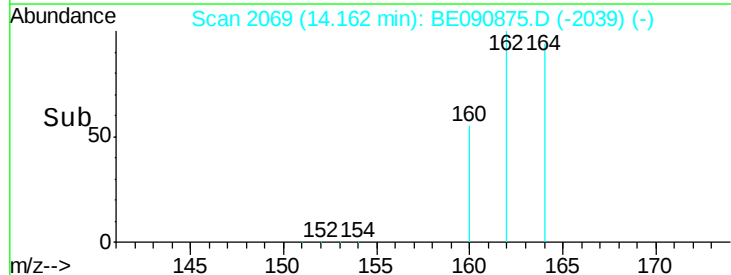
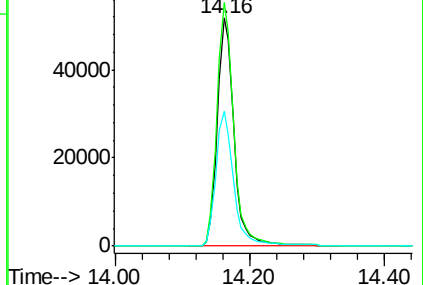
160 59.0 53.9 80.9

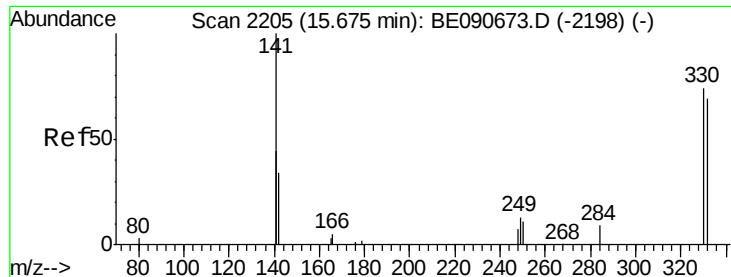


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

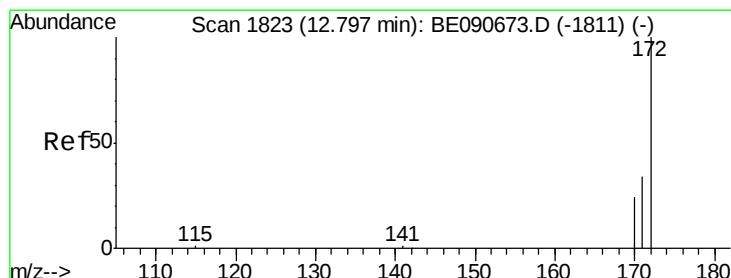
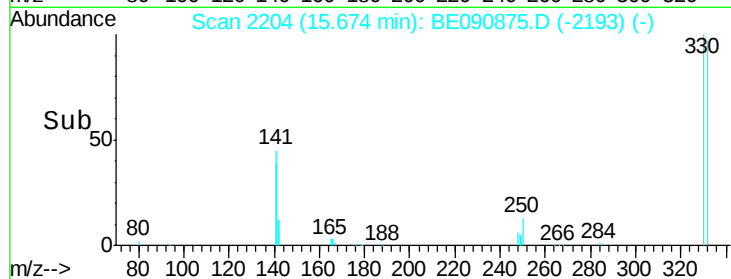
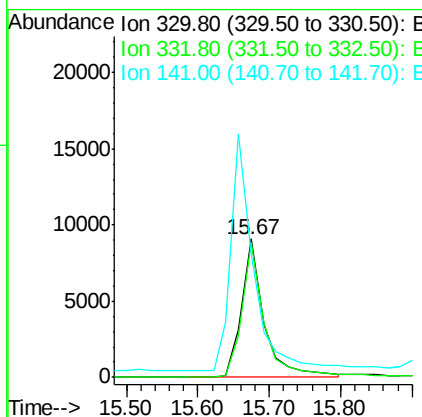
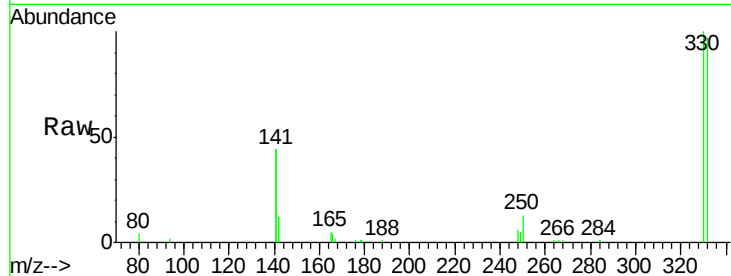




#13
 2,4,6-Tribromophenol
 Concen: 7.46 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090875.D
 Acq: 17 Sep 2015 21:31

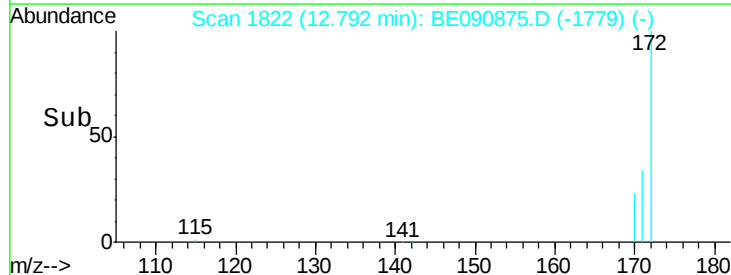
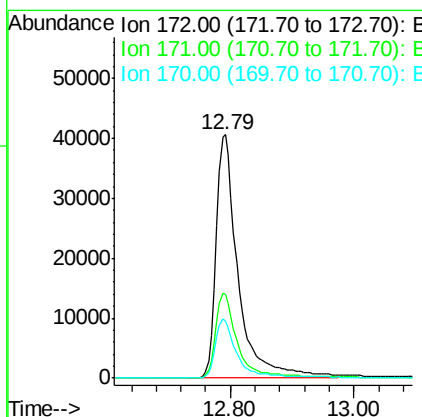
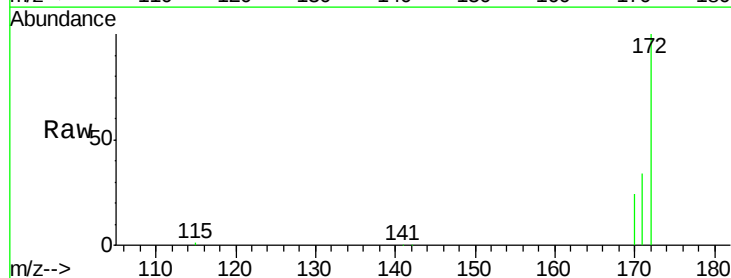
Instrument :
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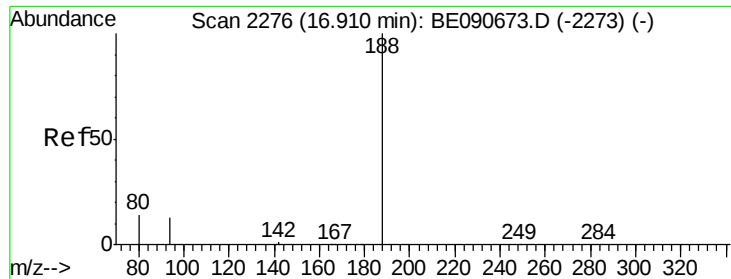
Tot Ion:330 Resp: 19357
 Ion Ratio Lower Upper
 330 100
 332 96.8 74.9 112.3
 141 177.0 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 4.10 ng
 RT: 12.79 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BE090875.D
 Acq: 17 Sep 2015 21:31

Tgt Ion:172 Resp: 100449
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.8
 170 23.5 19.8 29.6

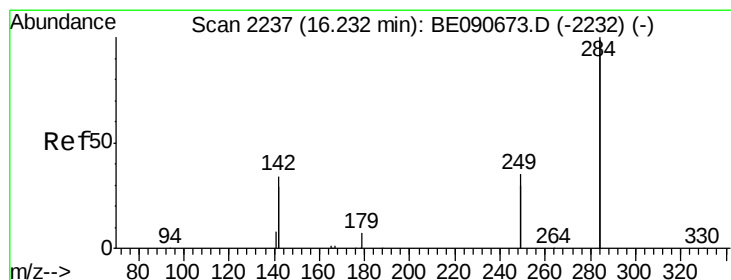
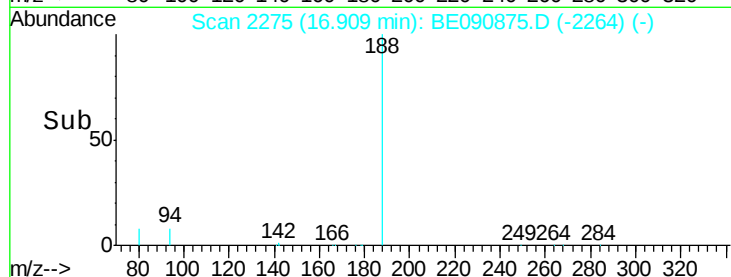
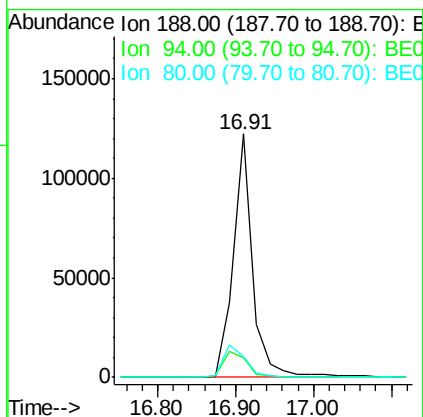
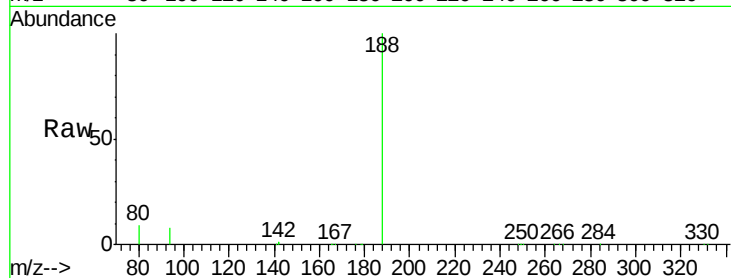




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090875.D
Acq: 17 Sep 2015 21:31

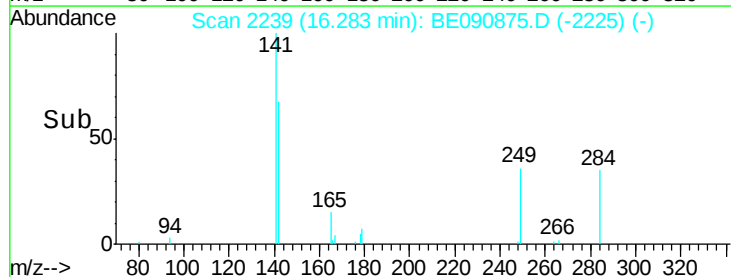
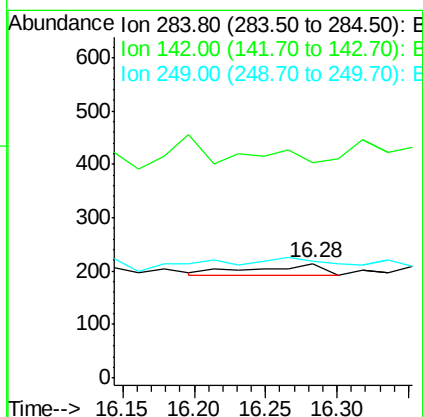
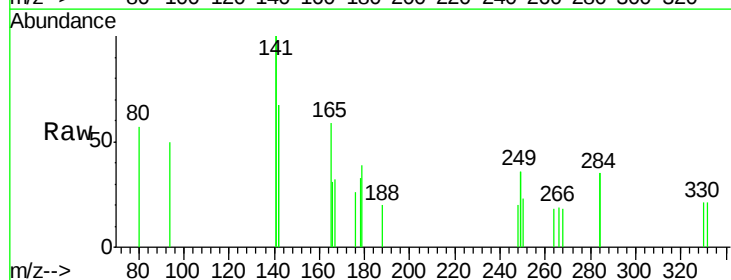
Instrument :
BNA_E
ClientSampleId :
091515-P004-E-D-B

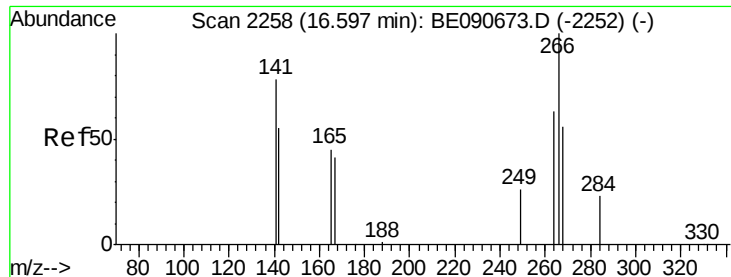
Tot Ion:188 Resp: 210169
Ion Ratio Lower Upper
188 100
94 8.1 10.3 15.5#
80 8.6 11.0 16.6#



#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.28 min Scan# 2239
Delta R.T. 0.05 min
Lab File: BE090875.D
Acq: 17 Sep 2015 21:31

Tgt Ion:284 Resp: 71
Ion Ratio Lower Upper
284 100
142 38.0 35.0 52.4
249 56.3 25.5 38.3#

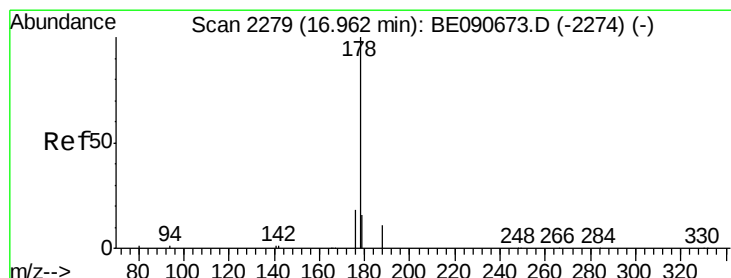
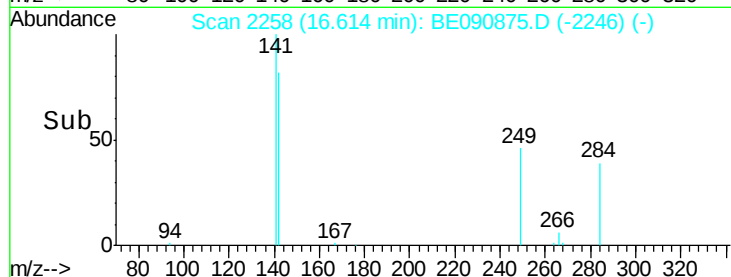
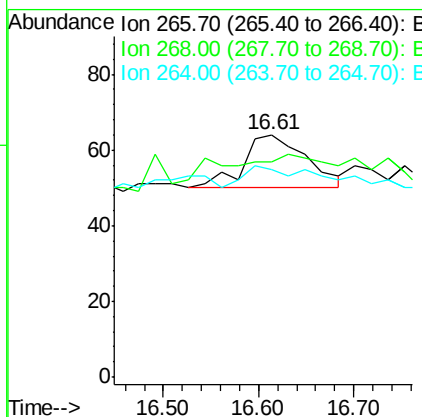
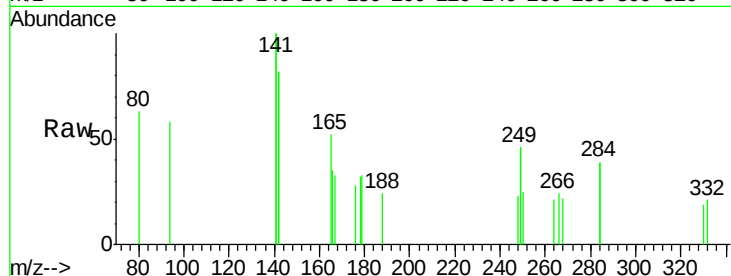




#21
 Pentachlorophenol
 Concen: 0.48 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. 0.02 min
 Lab File: BE090875.D
 Acq: 17 Sep 2015 21:31

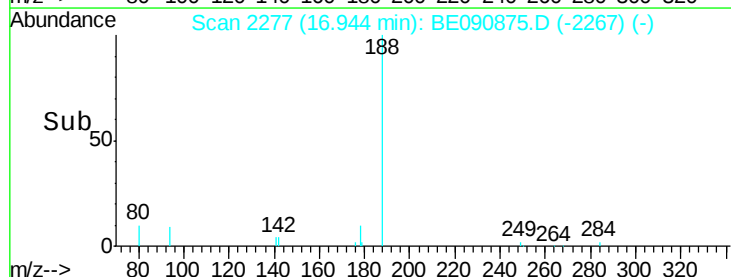
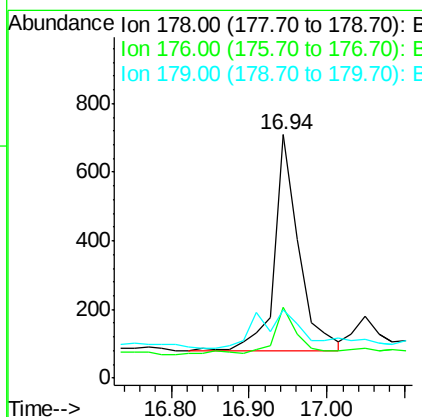
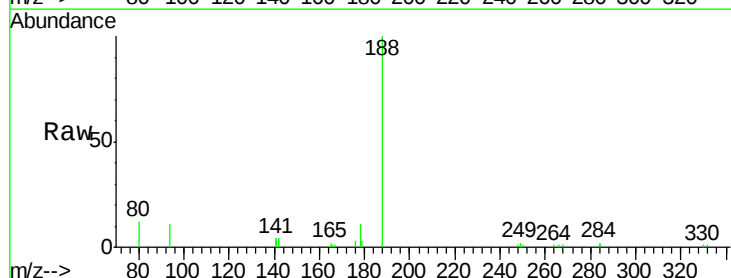
Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-D-B

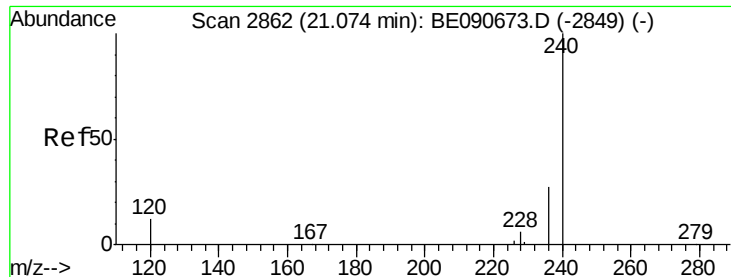
Tot Ion:	266	Resp:	64
Ion	Ratio	Lower	Upper
266	100		
268	89.1	49.6	74.4#
264	85.9	53.9	80.9#



#22
 Phenanthrene
 Concen: 0.03 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE090875.D
 Acq: 17 Sep 2015 21:31

Tgt Ion:	178	Resp:	1364
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	31.9	12.8	19.2#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE090875.D

Acq: 17 Sep 2015 21:31

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-B

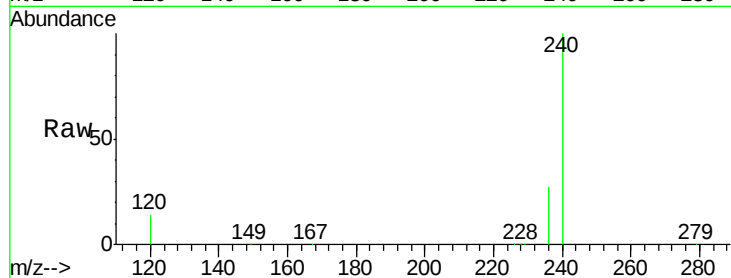
Tot Ion:240 Resp: 247698

Ion Ratio Lower Upper

240 100

120 13.8 10.1 15.1

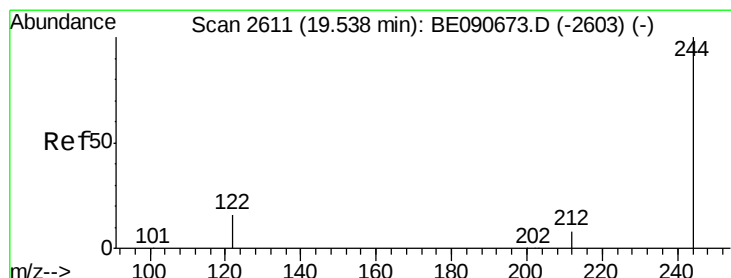
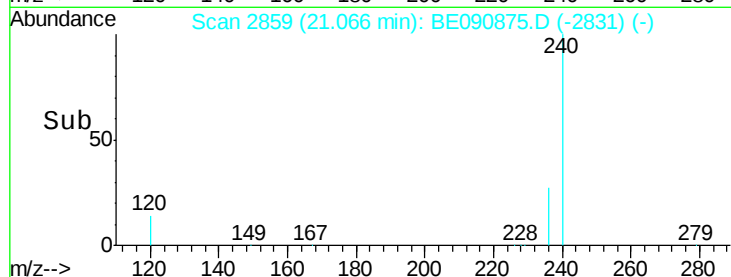
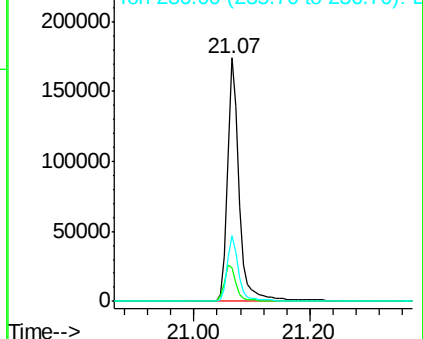
236 27.1 21.9 32.9



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: 5.93 ng

RT: 19.52 min Scan# 2607

Delta R.T. -0.02 min

Lab File: BE090875.D

Acq: 17 Sep 2015 21:31

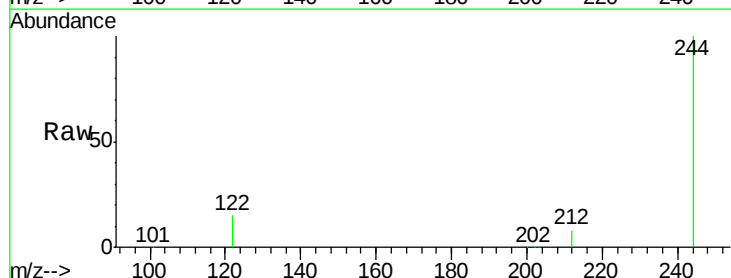
Tgt Ion:244 Resp: 162479

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

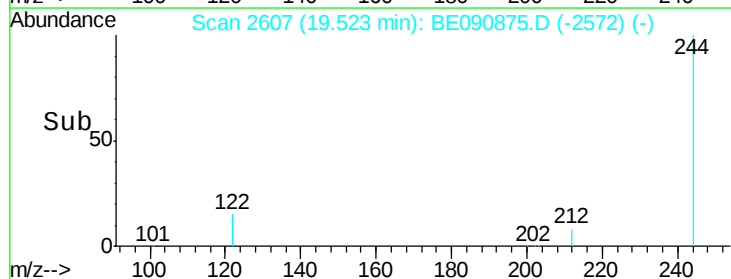
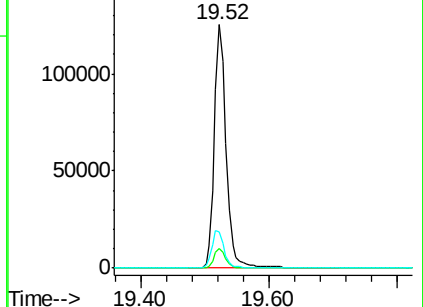
122 15.0 12.9 19.3

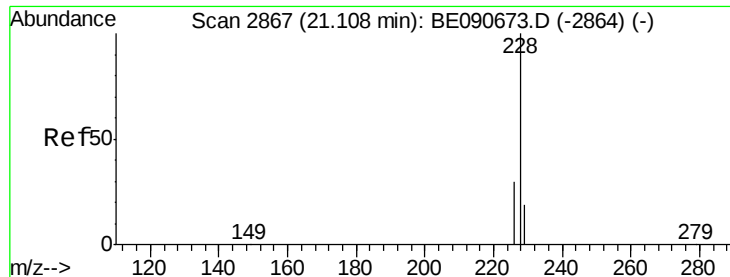


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2864

Delta R.T. -0.01 min

Lab File: BE090875.D

Acq: 17 Sep 2015 21:31

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-D-B

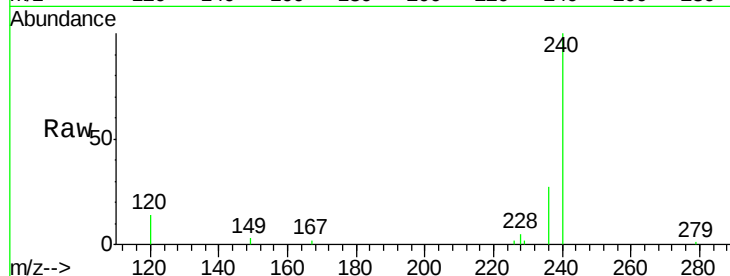
Tot Ion:228 Resp: 565

Ion Ratio Lower Upper

228 100

226 38.8 24.2 36.4#

229 35.1 15.3 22.9#

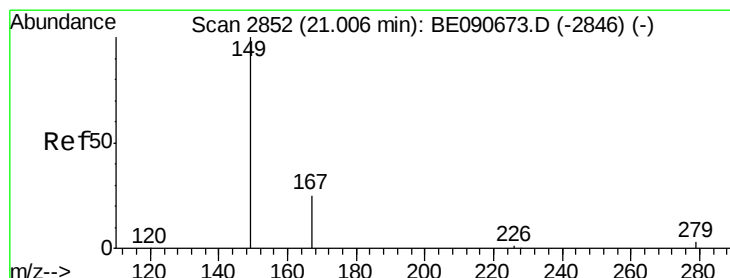
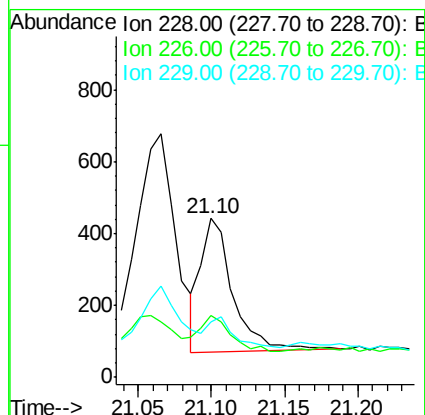
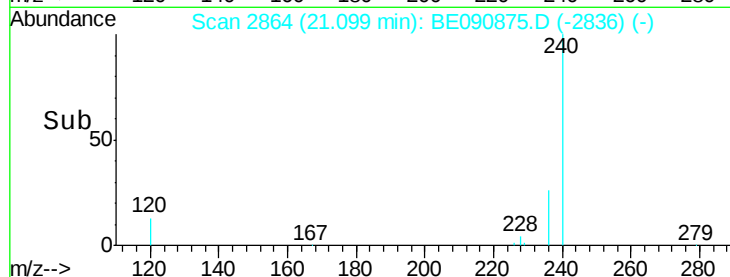


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090875.D

Acq: 17 Sep 2015 21:31

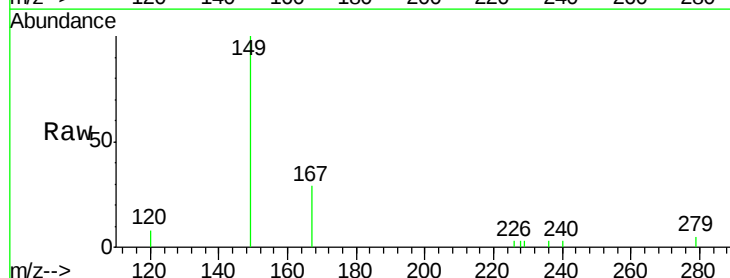
Tgt Ion:149 Resp: 2678

Ion Ratio Lower Upper

149 100

167 24.0 20.1 30.1

279 3.3 2.3 3.5

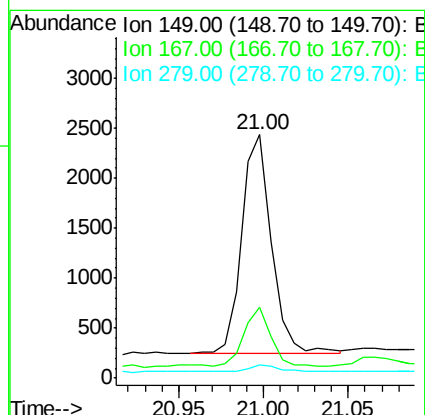
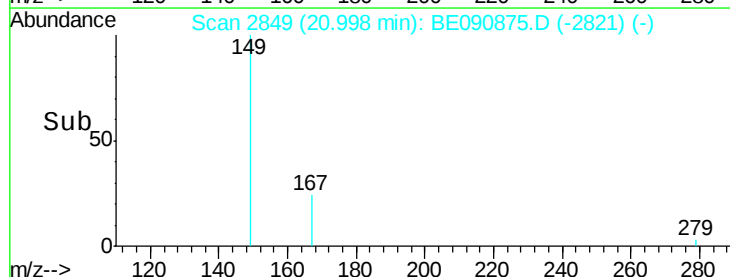


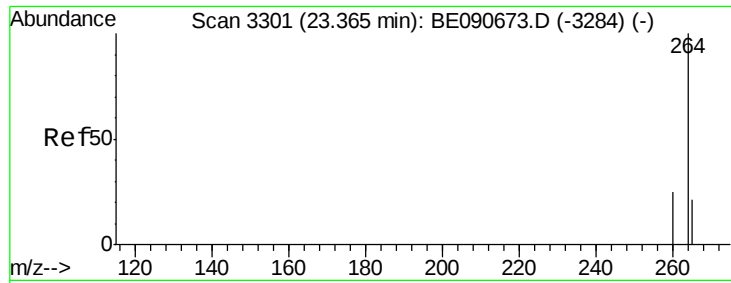
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->

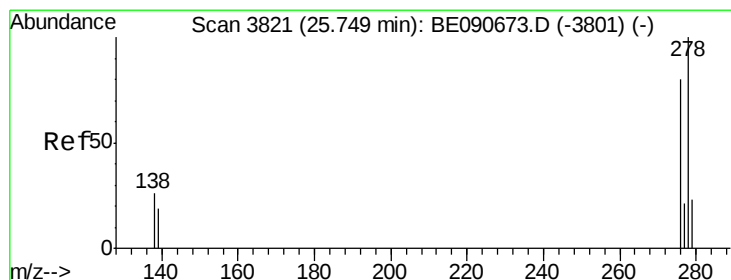
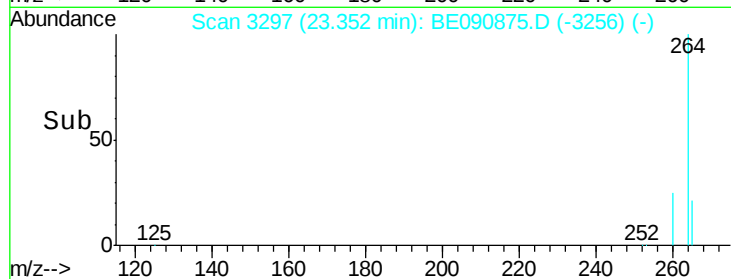
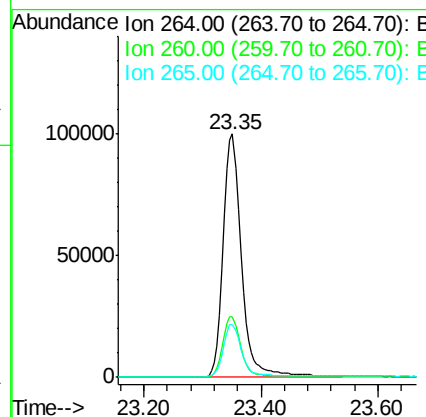
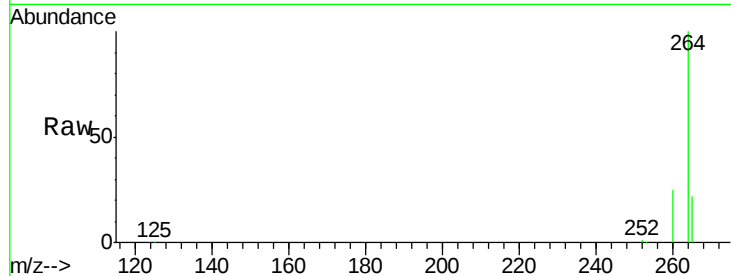




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090875.D
Acq: 17 Sep 2015 21:31

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

Tot Ion:264 Resp: 216933
Ion Ratio Lower Upper
264 100
260 24.8 19.7 29.5
265 21.9 17.5 26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.75 min Scan# 3821
Delta R.T. 0.00 min
Lab File: BE090875.D
Acq: 17 Sep 2015 21:31

Tgt Ion:278 Resp: 131
Ion Ratio Lower Upper
278 100
139 103.7 15.4 23.0#
279 85.0 18.8 28.2#

