

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
 Data File : BE090737.D
 Acq On : 4 Sep 2015 19:40
 Operator : UM/IZ
 Sample : G3562-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090215-D534-F-D-S

Quant Time: Sep 07 01:01:02 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	43771	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	188393	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	102045	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	256301	5.00	ng	0.00
25) Chrysene-d12	21.07	240	328161	5.00	ng	0.00
32) Perylene-d12	23.36	264	307646	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	34366	4.04	ng	0.00
5) Phenol-d6	6.75	99	28052	2.30	ng	0.00
7) Nitrobenzene-d5	8.71	82	47683	3.83	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	27482	9.15	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	100162	3.54	ng	0.00
27) Terphenyl-d14	19.53	244	195186	5.38	ng	-0.01

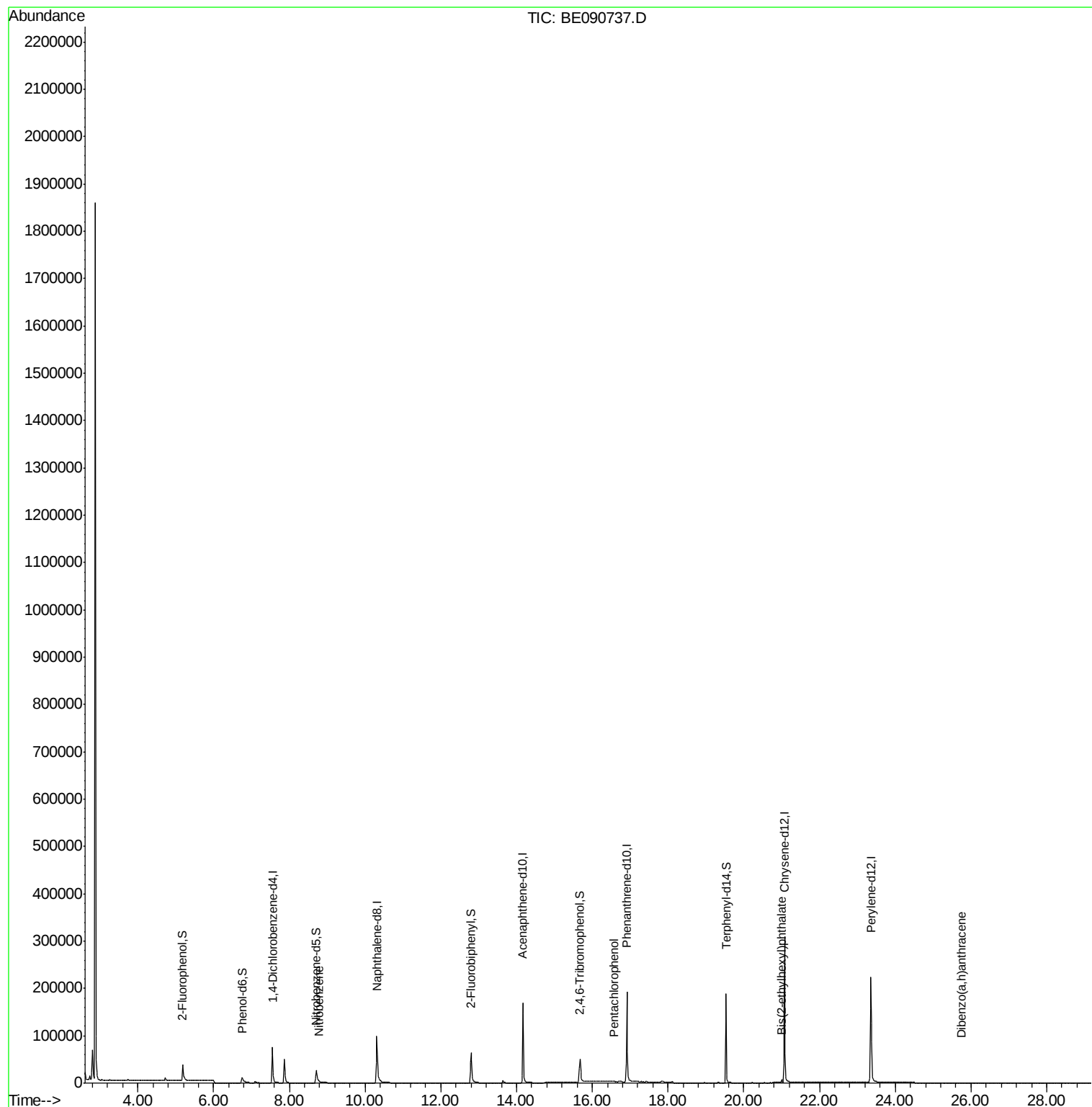
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	74	Below Cal	#	1
3) n-Nitrosodimethylamine	3.45	42	60	Below Cal	#	72
8) Nitrobenzene	8.78	77	6	0.11 ng	#	1
20) Hexachlorobenzene	16.23	284	85	Below Cal	#	37
21) Pentachlorophenol	16.58	266	27	0.47 ng	#	59
29) Chrysene	21.11	228	953	Below Cal	#	81
30) Bis(2-ethylhexyl)phthalate	21.00	149	5682	0.36 ng	#	98
36) Dibenzo(a,h)anthracene	25.74	278	332	0.14 ng	#	1

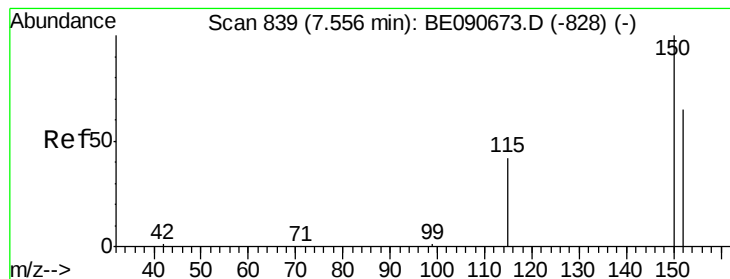
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-S

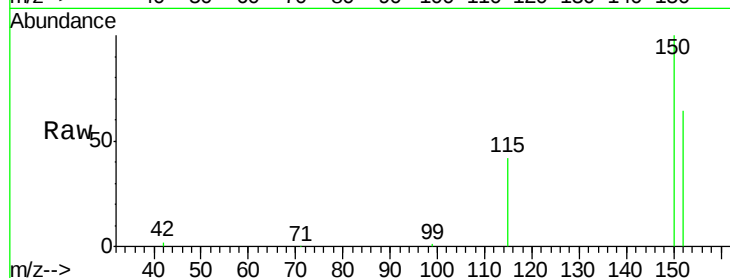
Tgt Ion: 152 Resp: 43771

Ion Ratio Lower Upper

152 100

150 156.3 122.2 183.4

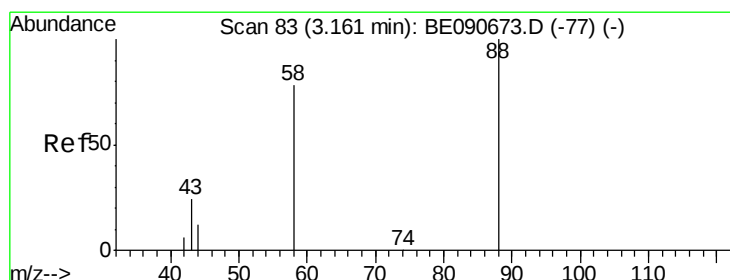
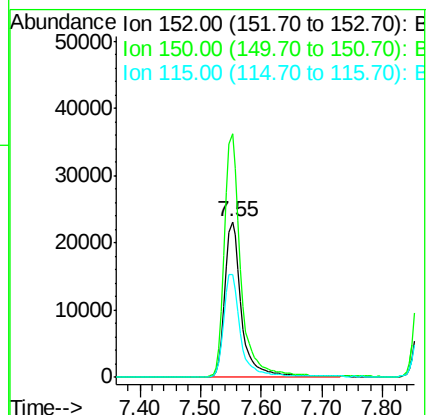
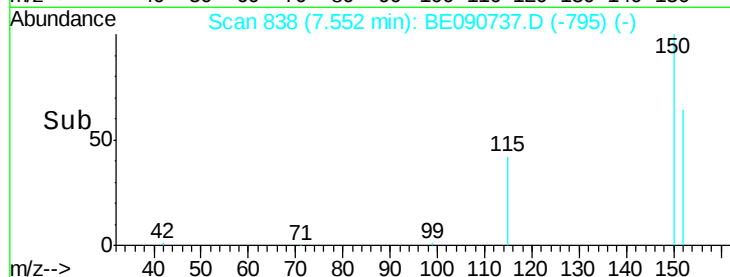
115 66.2 51.0 76.4



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: 3.27 min Scan# 99

Delta R.T. 0.11 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

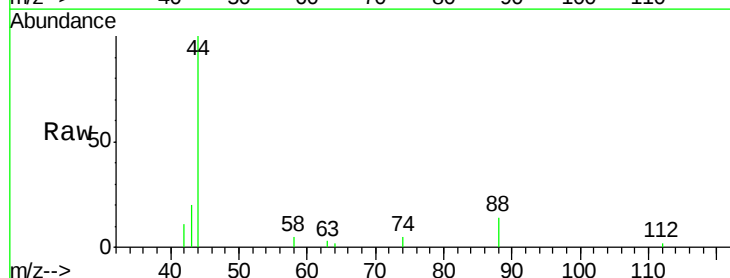
Tgt Ion: 88 Resp: 74

Ion Ratio Lower Upper

88 100

58 47.3 68.4 102.6#

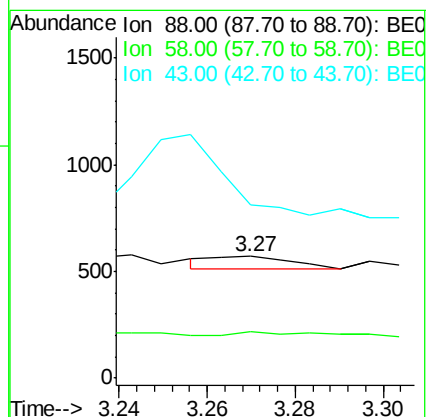
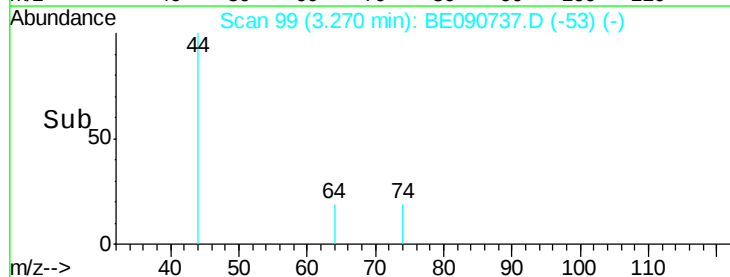
43 982.4 26.9 40.3#

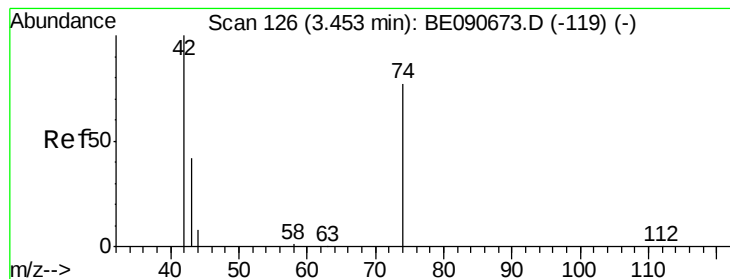


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



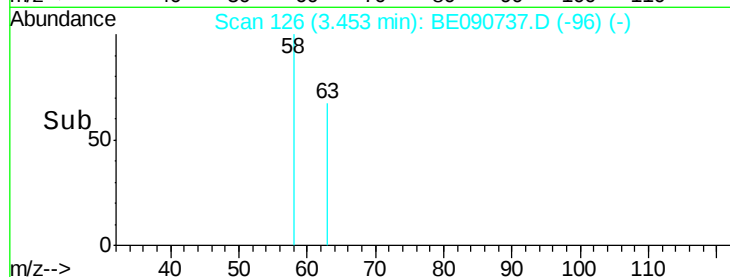
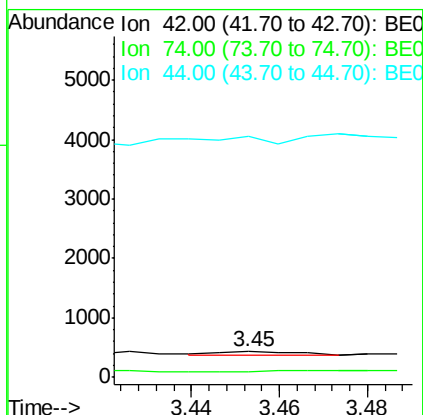
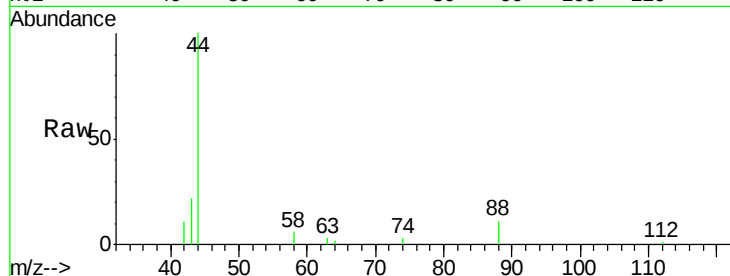


#3

n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: BE090737.D
 Acq: 4 Sep 2015 19:40

Instrument :
 BNA_E
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 090215-D534-F-D-S

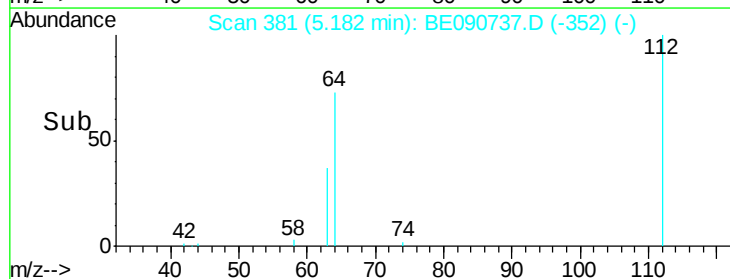
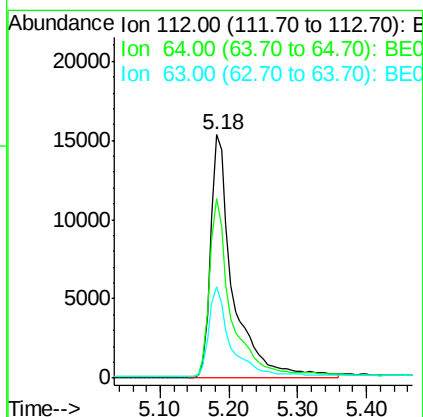
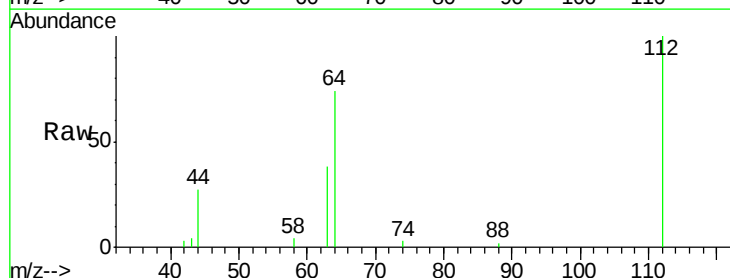
Tgt Ion: 42 Resp: 60
 Ion Ratio Lower Upper
 42 100
 74 76.7 83.7 125.5#
 44 0.0 10.0 15.0#



#4

2-Fluorophenol
 Concen: 4.04 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090737.D
 Acq: 4 Sep 2015 19:40

Tgt Ion: 112 Resp: 34366
 Ion Ratio Lower Upper
 112 100
 64 71.8 57.3 85.9
 63 36.7 29.2 43.8





#5

Phenol-d6

Concen: 2.30 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-S

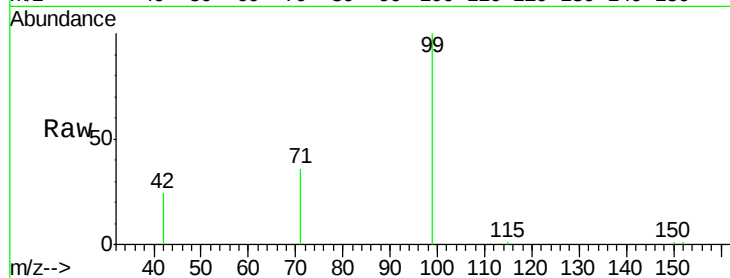
Tgt Ion: 99 Resp: 28052

Ion Ratio Lower Upper

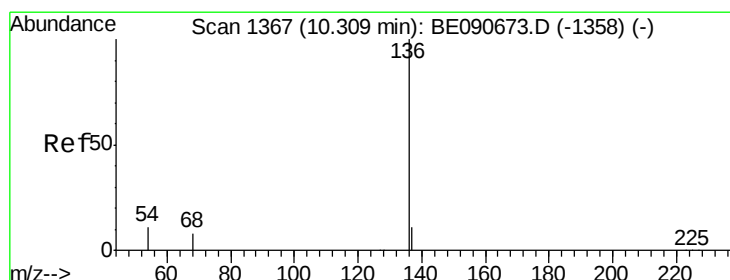
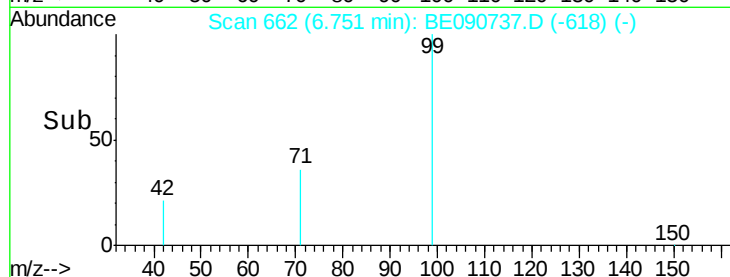
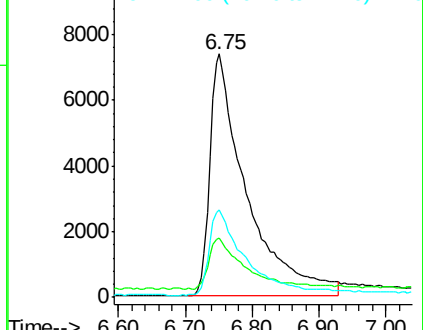
99 100

42 21.2 16.8 25.2

71 35.6 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: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

Tgt Ion: 136 Resp: 188393

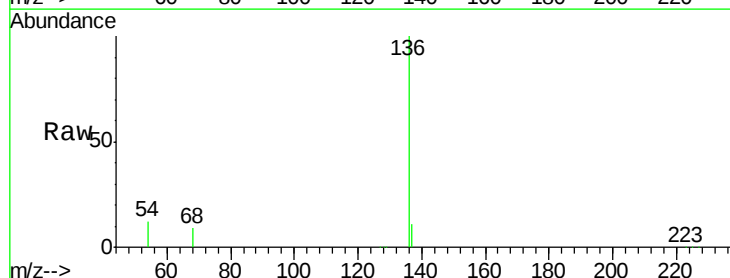
Ion Ratio Lower Upper

136 100

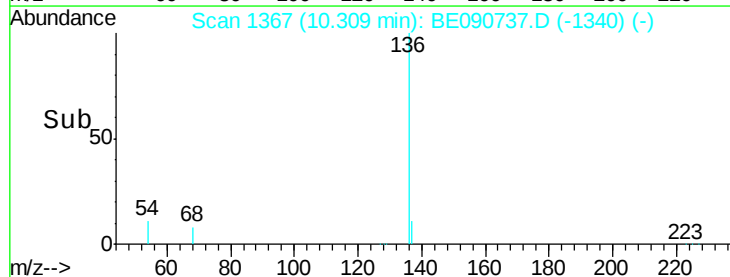
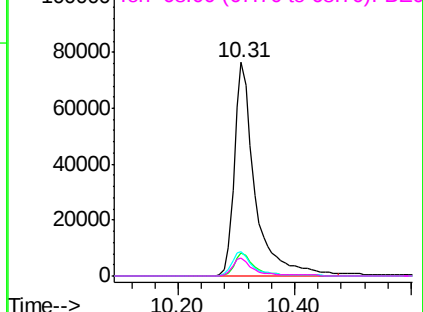
137 10.9 8.7 13.1

54 11.5 9.0 13.6

68 8.5 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: 3.83 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-S

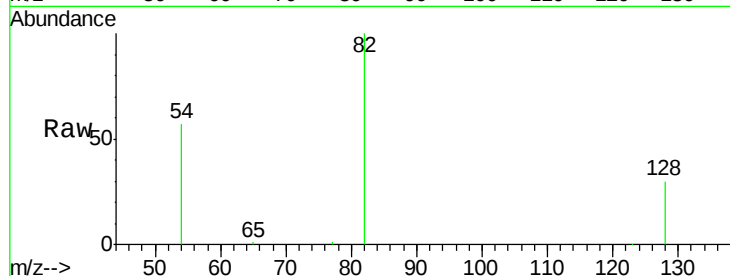
Tgt Ion: 82 Resp: 47683

Ion Ratio Lower Upper

82 100

128 30.1 25.0 37.4

54 56.6 46.3 69.5

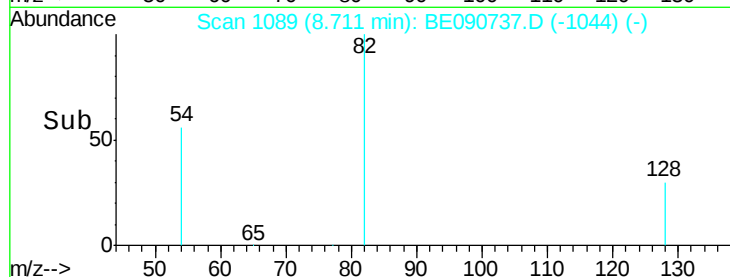


Abundance Ion 82.00 (81.70 to 82.70): BE090737.D (-1078) (-)

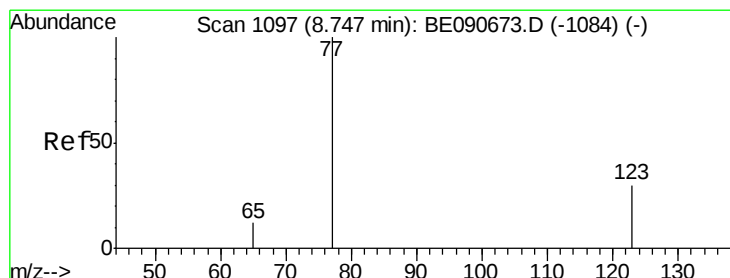
Ion 128.00 (127.70 to 128.70): BE090737.D (-1078) (-)

Ion 54.00 (53.70 to 54.70): BE090737.D (-1078) (-)

Time-->



Time-->



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.78 min Scan# 1104

Delta R.T. 0.03 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

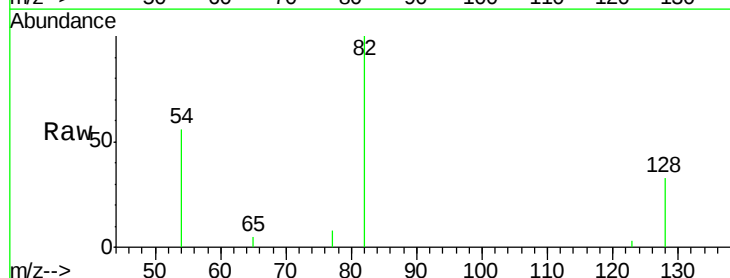
Tgt Ion: 77 Resp: 6

Ion Ratio Lower Upper

77 100

123 183.3 25.1 37.7#

65 0.0 9.9 14.9#

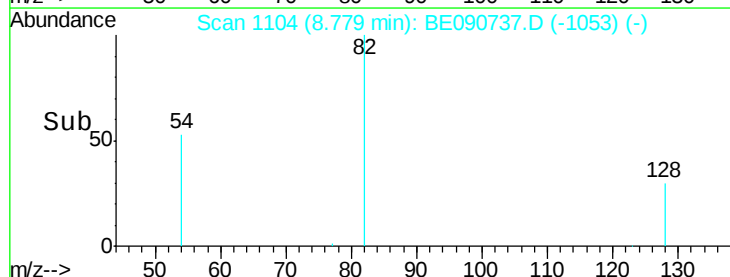


Abundance Ion 77.00 (76.70 to 77.70): BE090737.D (-1084) (-)

Ion 123.00 (122.70 to 123.70): BE090737.D (-1084) (-)

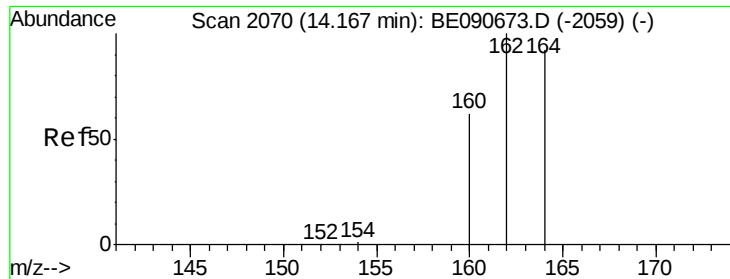
Ion 65.00 (64.70 to 65.70): BE090737.D (-1084) (-)

Time-->



Time-->

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-S

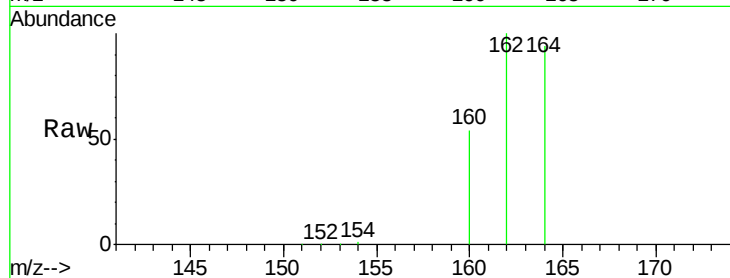
Tgt Ion:164 Resp: 102045

Ion Ratio Lower Upper

164 100

162 105.8 86.8 130.2

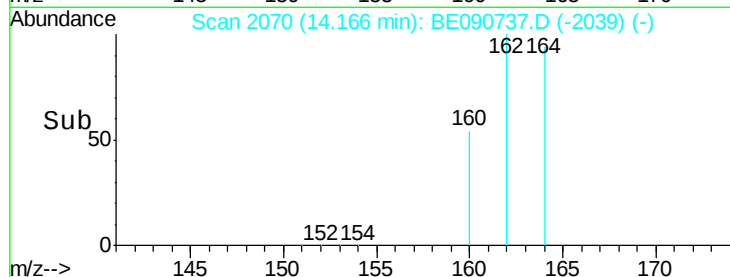
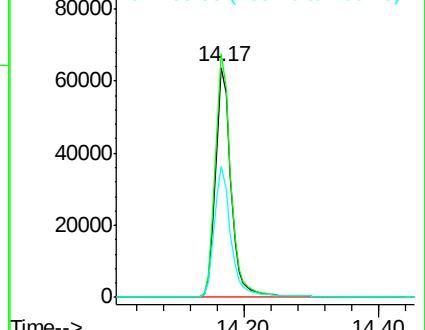
160 57.0 53.9 80.9



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: 9.15 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

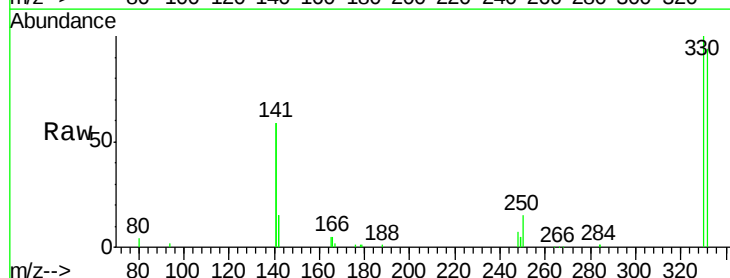
Tgt Ion:330 Resp: 27482

Ion Ratio Lower Upper

330 100

332 96.2 74.9 112.3

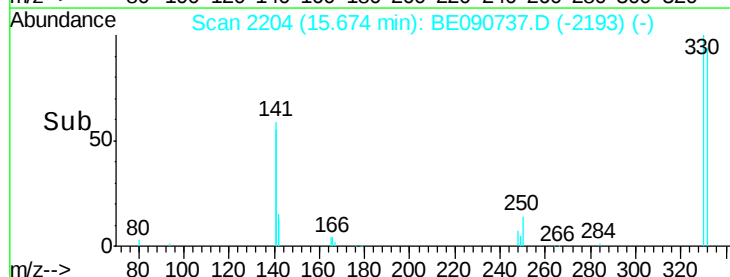
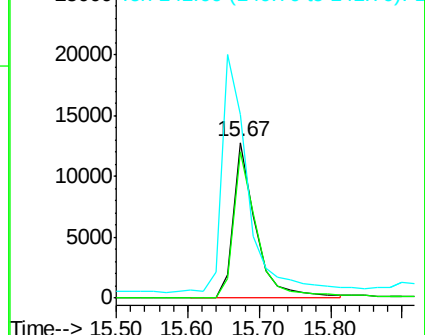
141 178.3 145.2 217.8



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

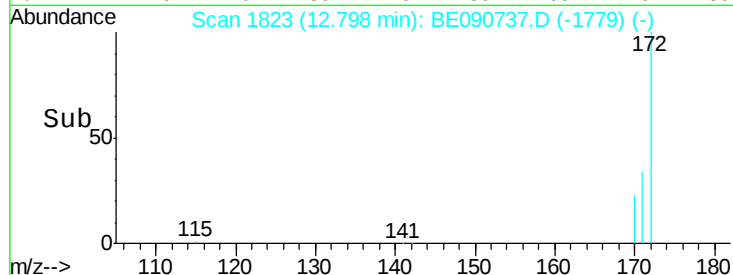
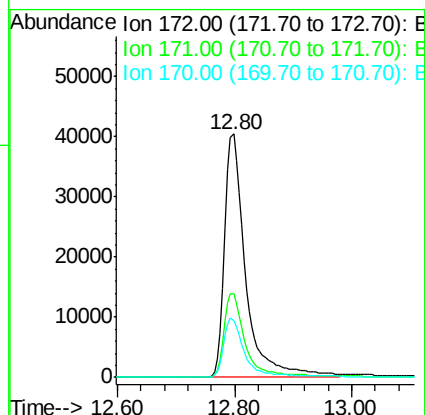
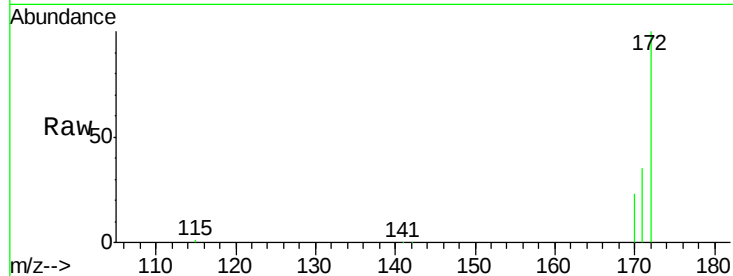




#14
2-Fluorobiphenyl
Concen: 3.54 ng
RT: 12.80 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BE090737.D
Acq: 4 Sep 2015 19:40

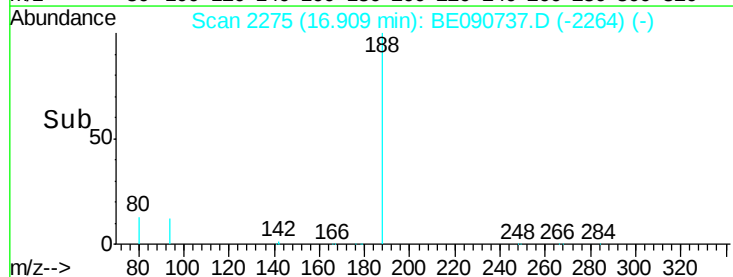
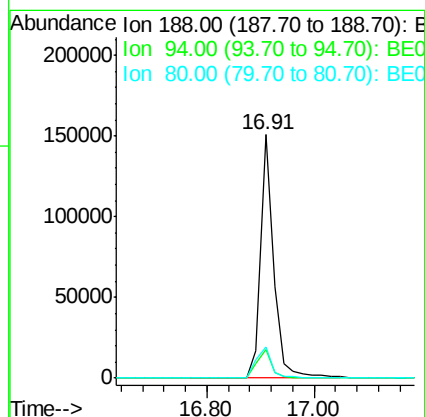
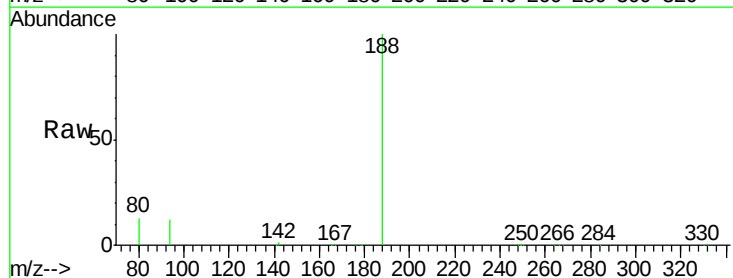
Instrument :
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Tgt Ion:172 Resp: 100162
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.5 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090737.D
Acq: 4 Sep 2015 19:40

Tgt Ion:188 Resp: 256301
Ion Ratio Lower Upper
188 100
94 11.9 10.3 15.5
80 12.9 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-S

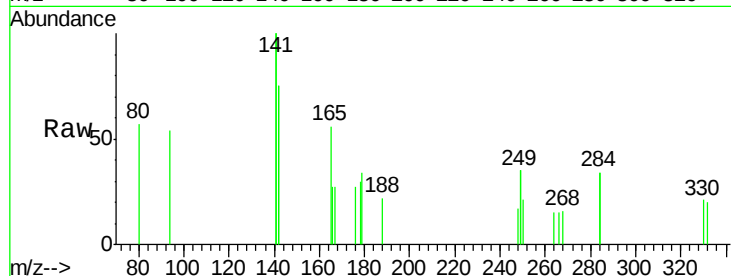
Tgt Ion:284 Resp: 85

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

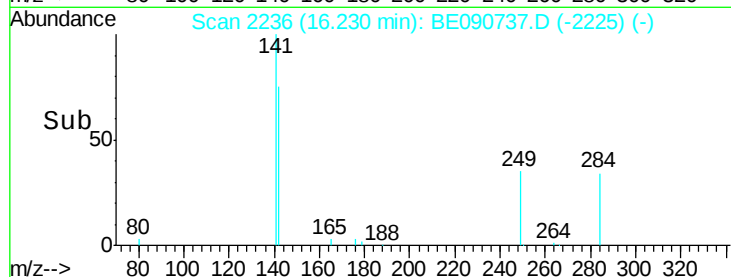
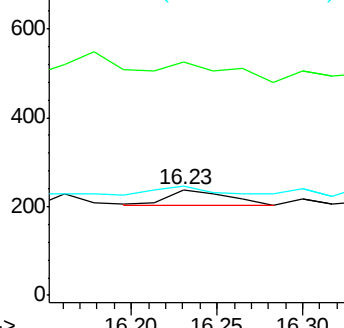
249 63.5 25.5 38.3#



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: 0.47 ng

RT: 16.58 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

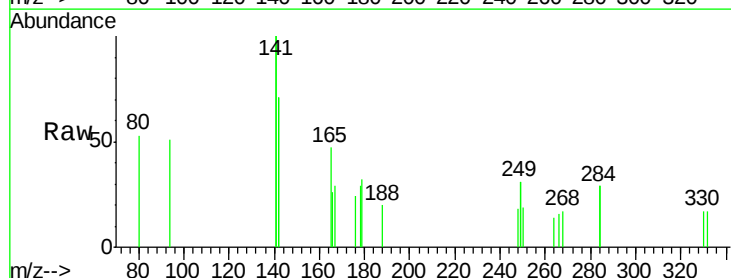
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

268 106.9 49.6 74.4#

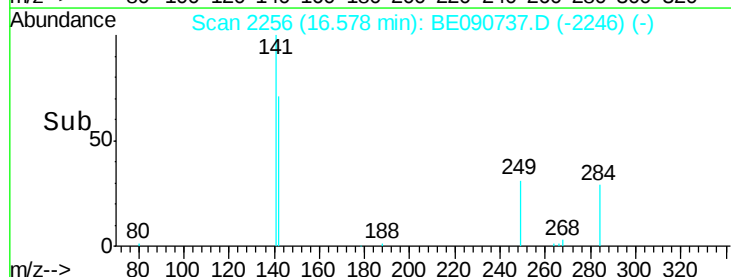
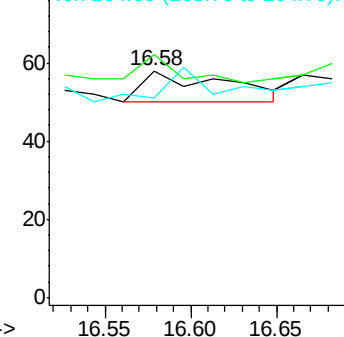
264 87.9 53.9 80.9#



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# 2861

Delta R.T. -0.00 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

Instrument :

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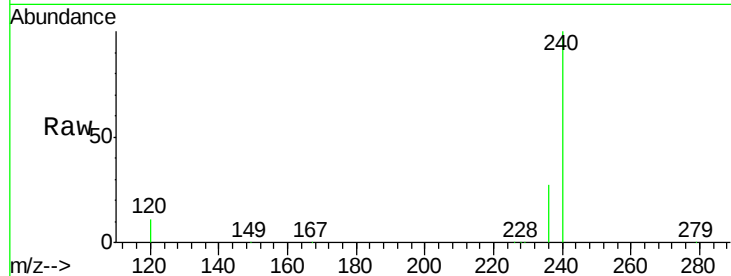
Tgt Ion:240 Resp: 328161

Ion Ratio Lower Upper

240 100

120 10.8 10.1 15.1

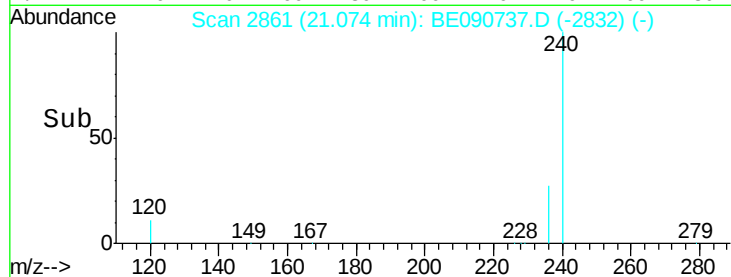
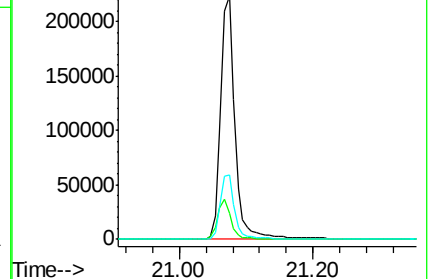
236 26.7 21.9 32.9



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: 5.38 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

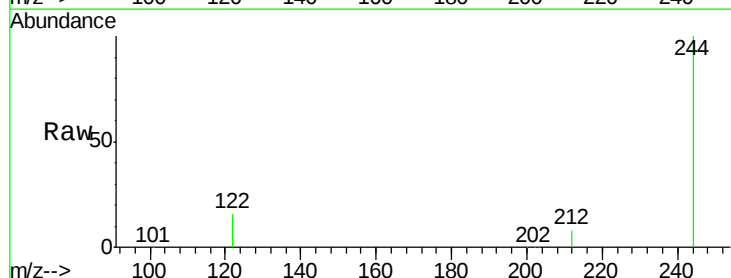
Tgt Ion:244 Resp: 195186

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

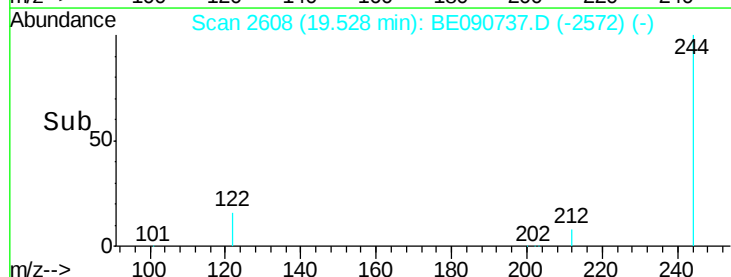
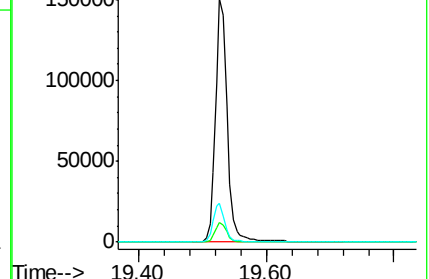
122 15.8 12.9 19.3

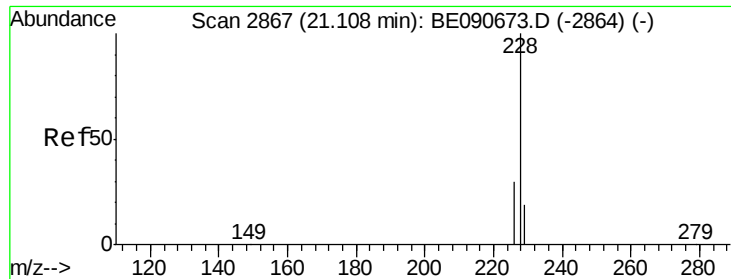


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Chrysene

Concen: Below Cal

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-S

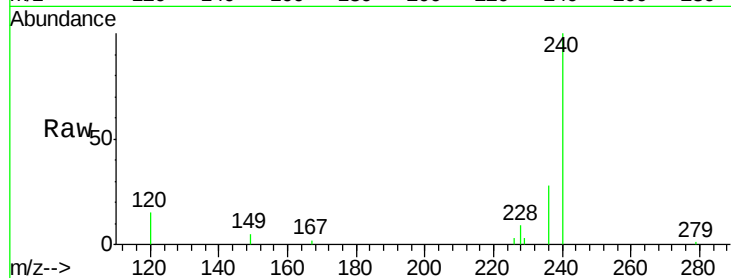
Tgt Ion:228 Resp: 953

Ion Ratio Lower Upper

228 100

226 39.0 24.2 36.4#

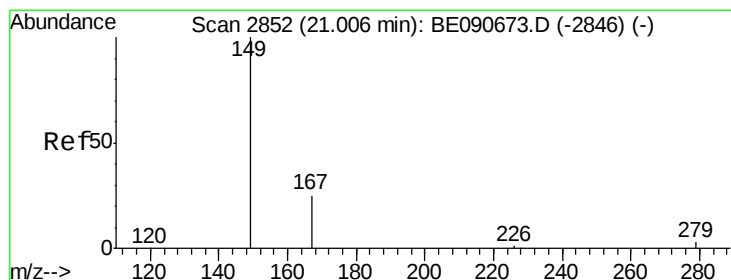
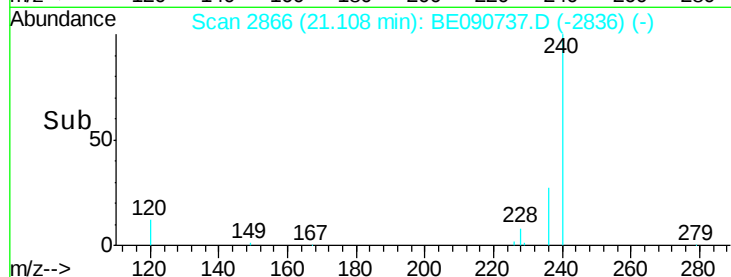
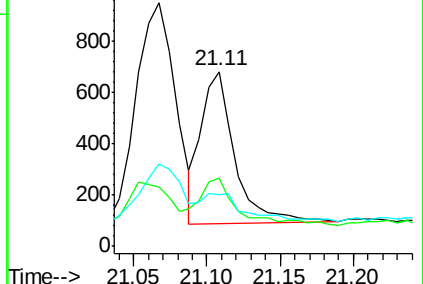
229 29.6 15.3 22.9#



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: 0.36 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

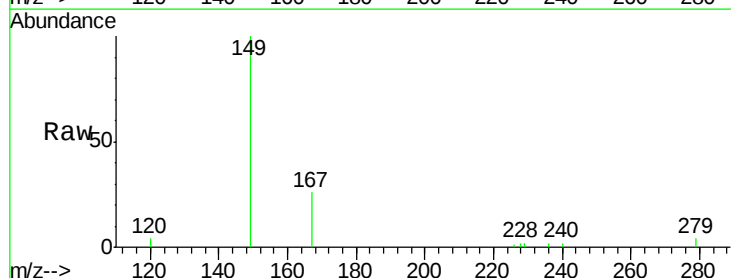
Tgt Ion:149 Resp: 5682

Ion Ratio Lower Upper

149 100

167 24.2 20.1 30.1

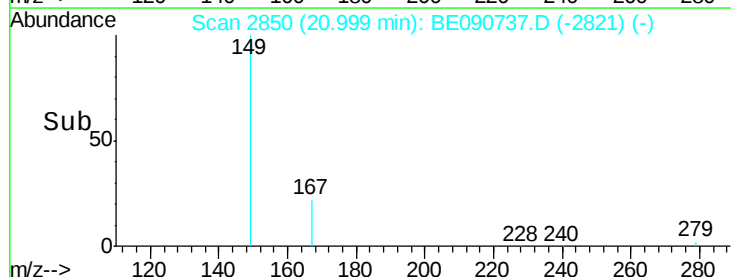
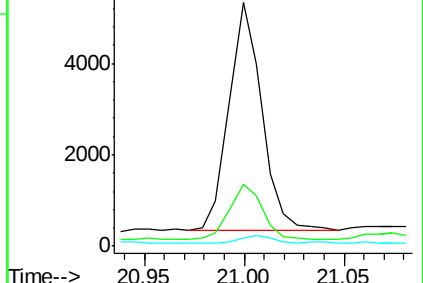
279 3.6 2.3 3.5#

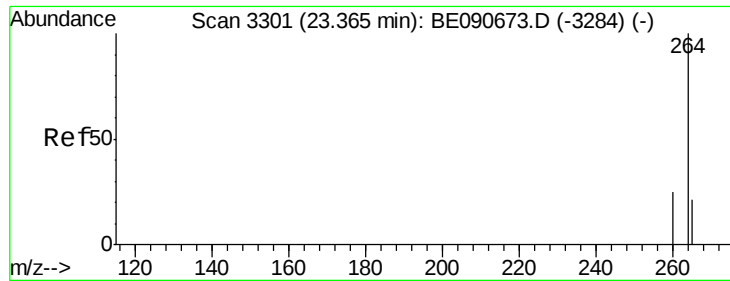


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-S

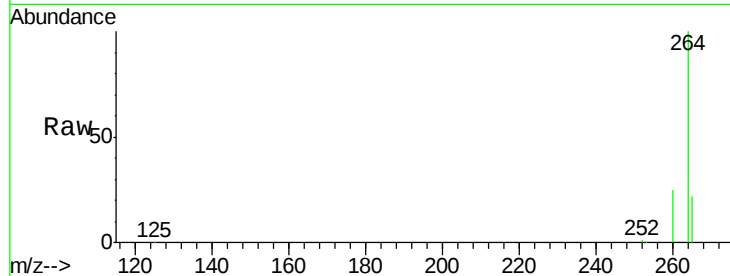
Tgt Ion:264 Resp: 307646

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

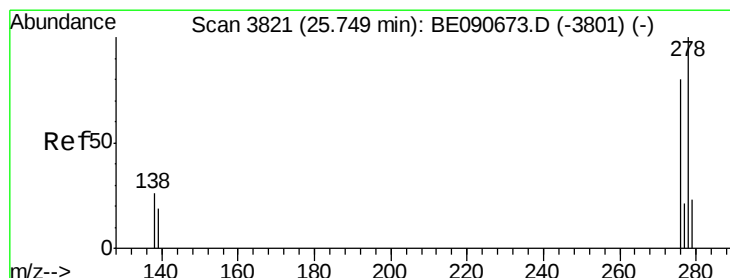
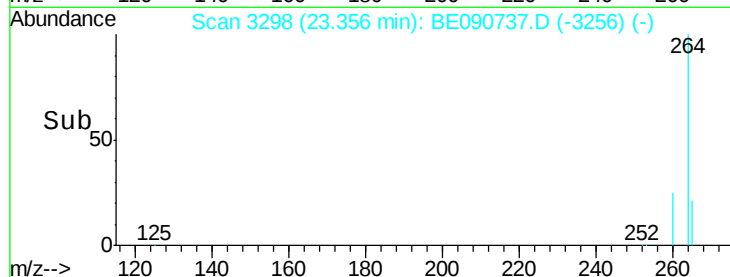
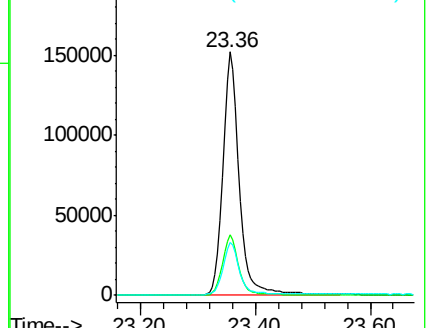
265 21.6 17.5 26.3



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



#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.74 min Scan# 3818

Delta R.T. -0.01 min

Lab File: BE090737.D

Acq: 4 Sep 2015 19:40

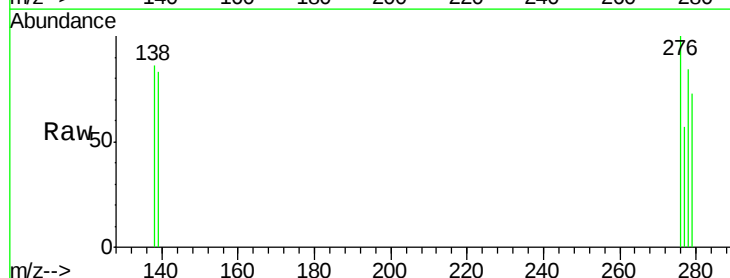
Tgt Ion:278 Resp: 332

Ion Ratio Lower Upper

278 100

139 97.9 15.4 23.0#

279 86.2 18.8 28.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

