

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091715\
 Data File : BE090871.D
 Acq On : 17 Sep 2015 19:05
 Operator : UM/IZ
 Sample : G3699-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-D549-F-U-B

Quant Time: Sep 18 00:46:22 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	33029	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	150118	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	79971	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	194746	5.00	ng	0.00
25) Chrysene-d12	21.07	240	223897	5.00	ng	0.00
32) Perylene-d12	23.35	264	203050	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	26795	4.17	ng	0.00
5) Phenol-d6	6.75	99	21765	2.37	ng	0.00
7) Nitrobenzene-d5	8.71	82	38759	3.91	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	19337	8.23	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	89986	4.06	ng	0.00
27) Terphenyl-d14	19.53	244	146149	5.90	ng	-0.01

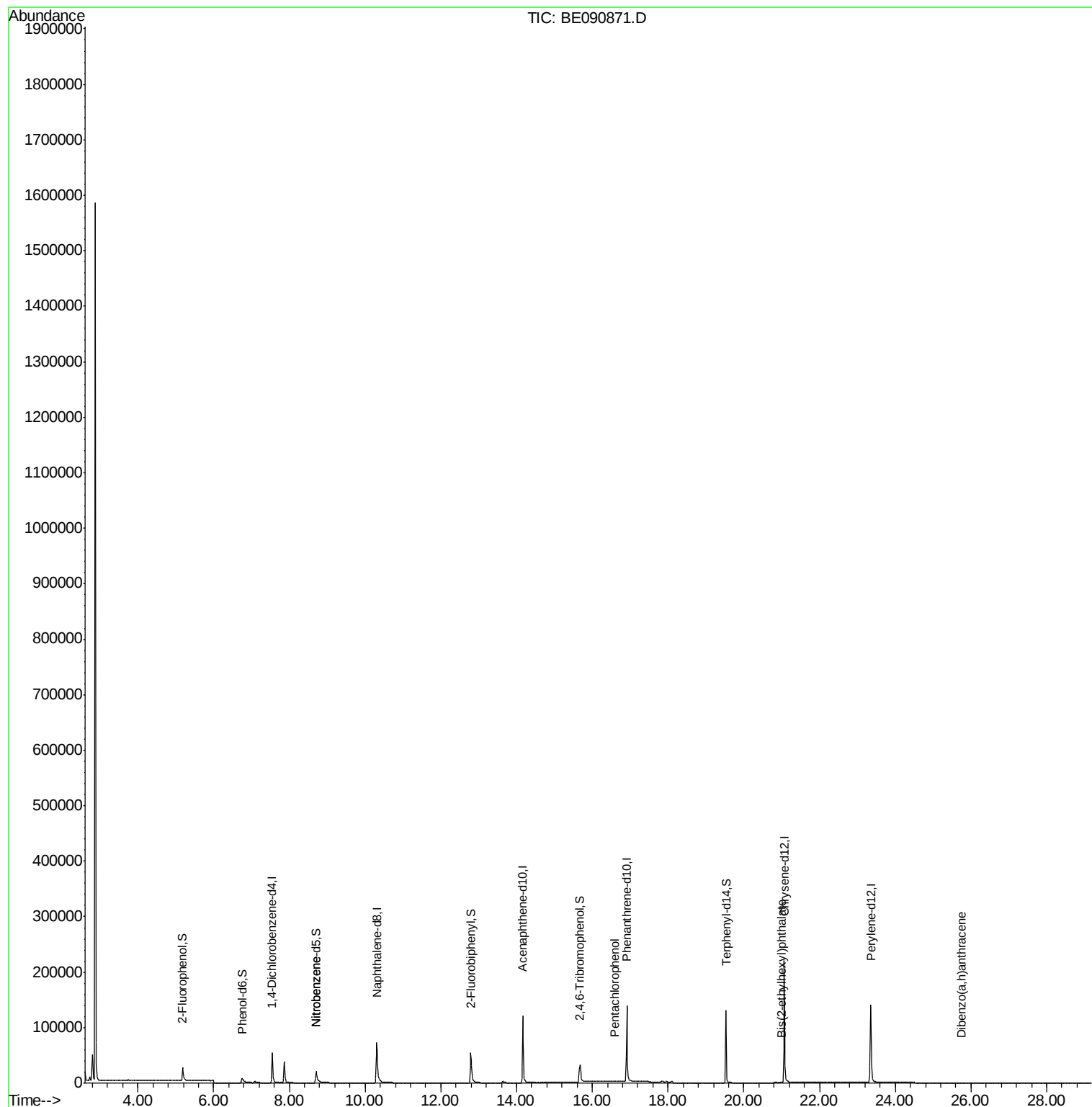
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	131	Below Cal	#	13
3) n-Nitrosodimethylamine	3.45	42	44	Below Cal	#	6
8) Nitrobenzene	8.72	77	100	0.12 ng	#	49
20) Hexachlorobenzene	16.28	284	79	Below Cal	#	1
21) Pentachlorophenol	16.60	266	13	0.46 ng	#	62
29) Chrysene	21.10	228	423	Below Cal	#	67
30) Bis(2-ethylhexyl)phthalate	20.99	149	1031	0.14 ng	#	96
36) Dibenzo(a,h)anthracene	25.75	278	93	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: BE090871.D

Acq: 17 Sep 2015 19:05

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-B

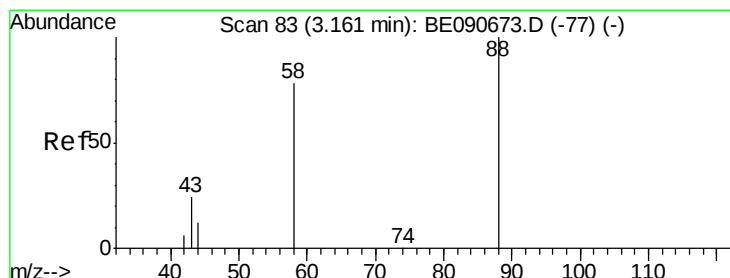
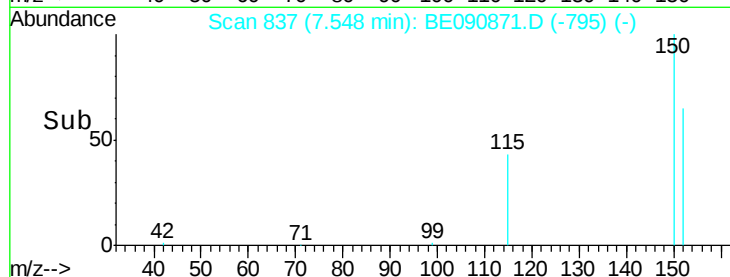
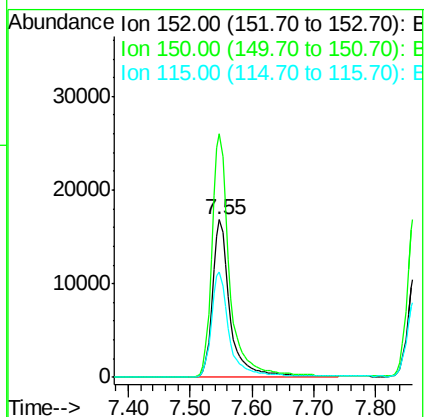
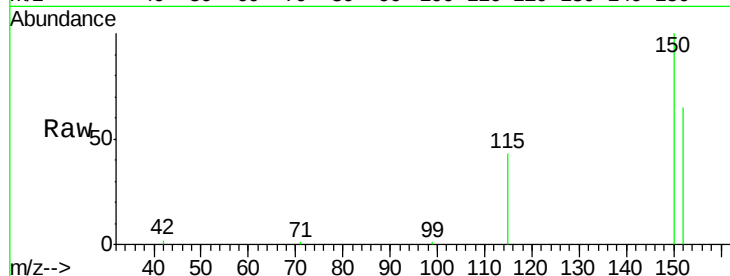
Tot Ion:152 Resp: 33029

Ion Ratio Lower Upper

152 100

150 154.4 122.2 183.4

115 66.9 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: BE090871.D

Acq: 17 Sep 2015 19:05

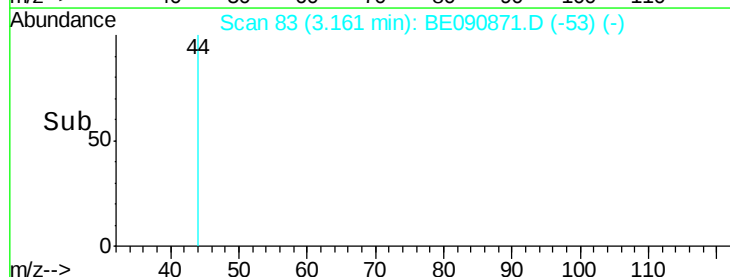
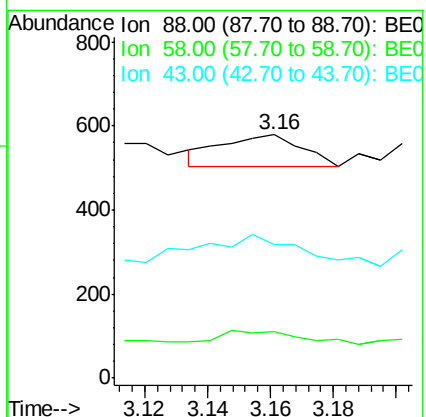
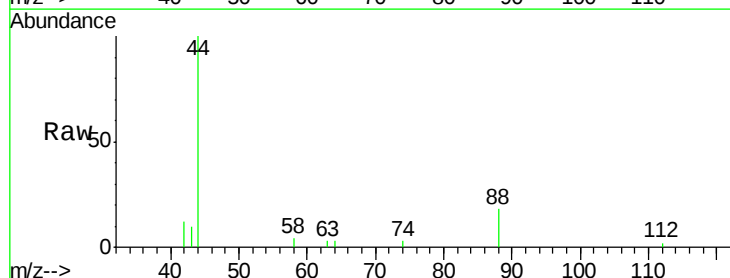
Tgt Ion: 88 Resp: 131

Ion Ratio Lower Upper

88 100

58 39.7 68.4 102.6#

43 137.4 26.9 40.3#



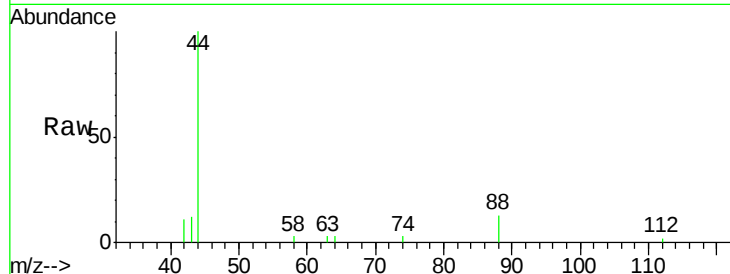


#3

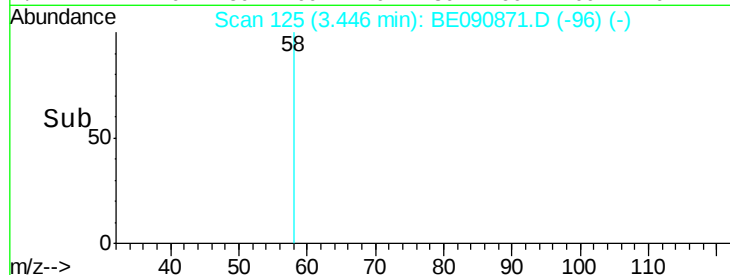
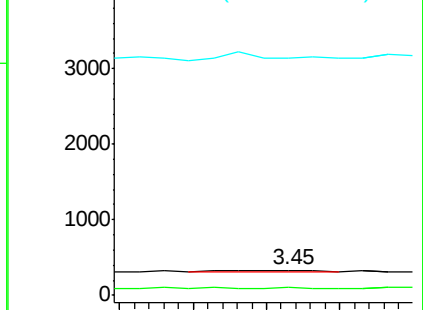
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BE090871.D
 Acq: 17 Sep 2015 19:05

Instrument :
 BNA_E
 ClientSampleId :
 091515-D549-F-U-B

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



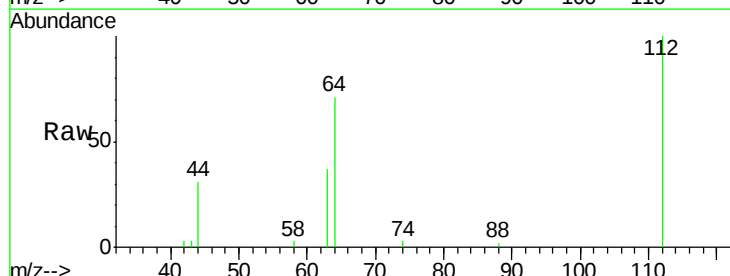
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



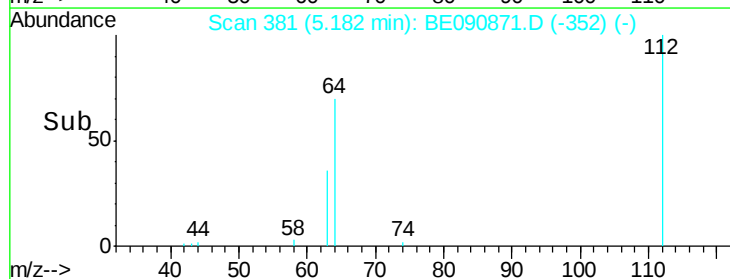
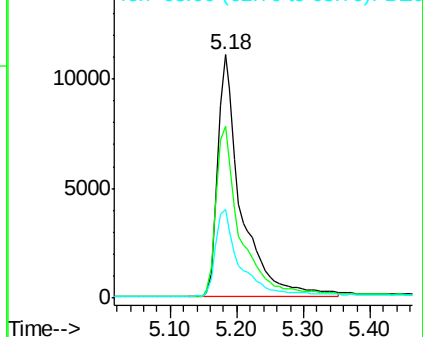
#4

2-Fluorophenol
 Concen: 4.17 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090871.D
 Acq: 17 Sep 2015 19:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.3	85.9
63	36.7	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: 2.37 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-B

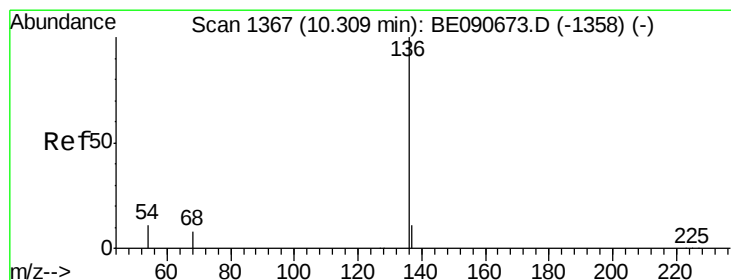
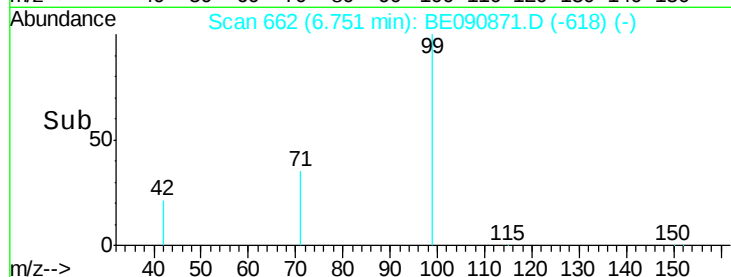
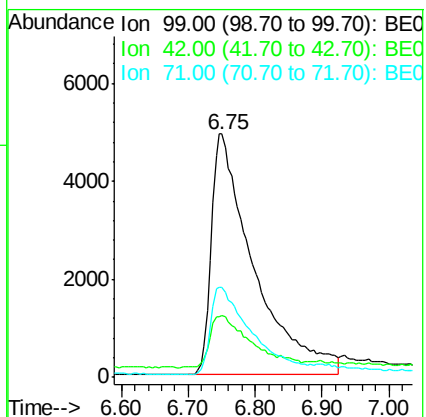
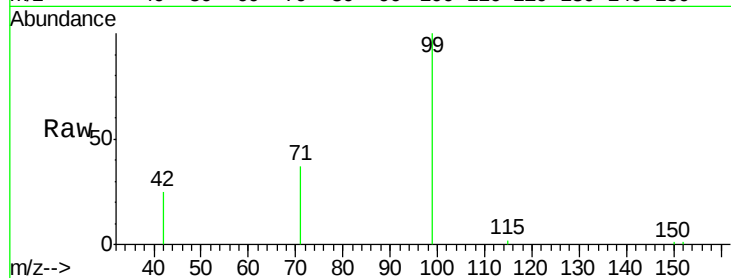
Tot Ion: 99 Resp: 21765

Ion Ratio Lower Upper

99 100

42 21.2 16.8 25.2

71 35.2 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

Tgt Ion: 136 Resp: 150118

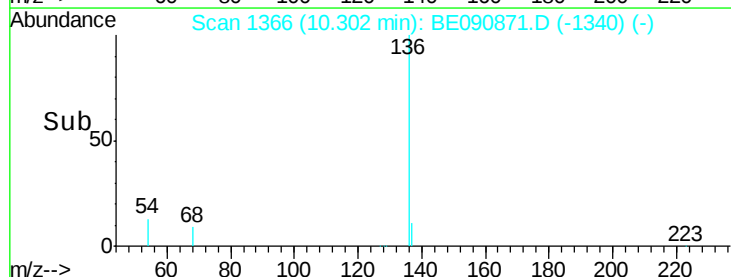
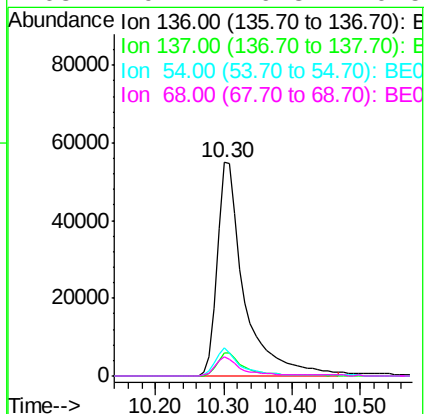
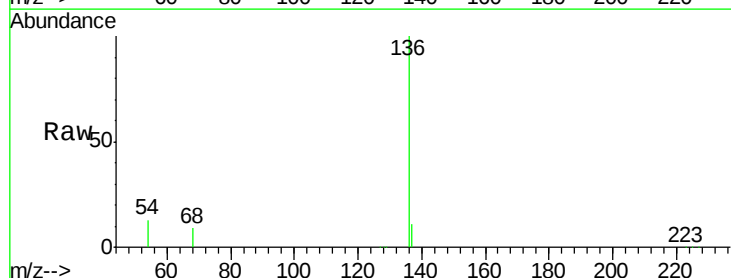
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 13.0 9.0 13.6

68 9.2 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.91 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-B

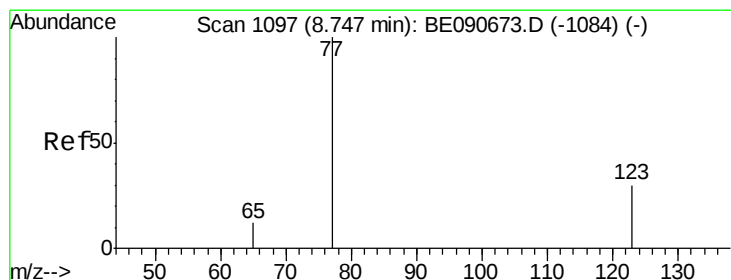
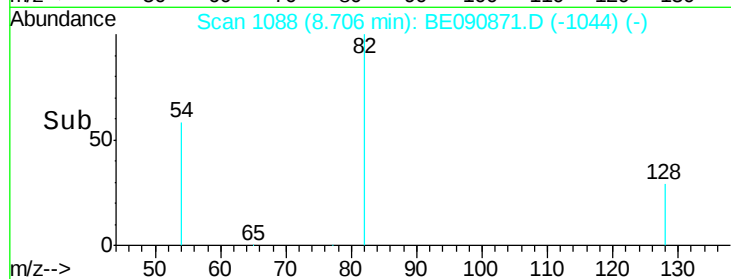
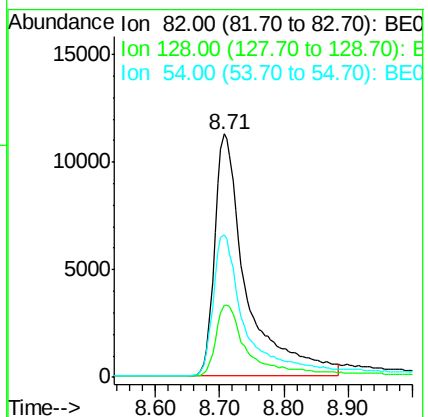
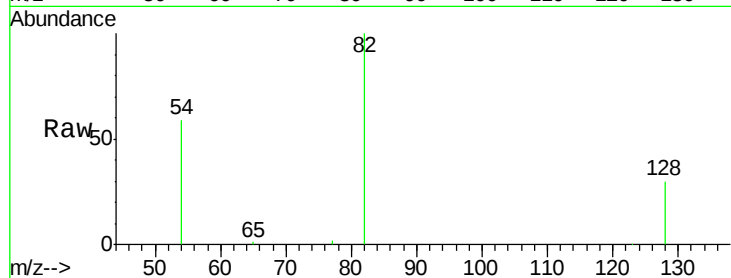
Tot Ion: 82 Resp: 38759

Ion Ratio Lower Upper

82 100

128 29.5 25.0 37.4

54 58.8 46.3 69.5



#8

Nitrobenzene

Concen: 0.12 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

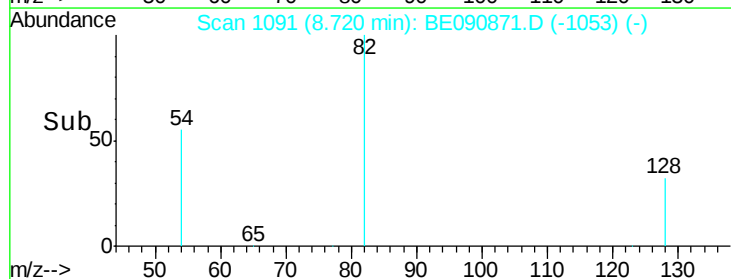
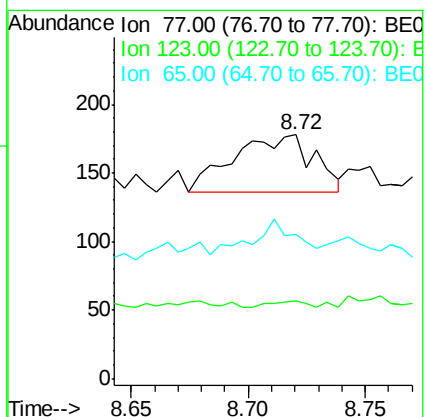
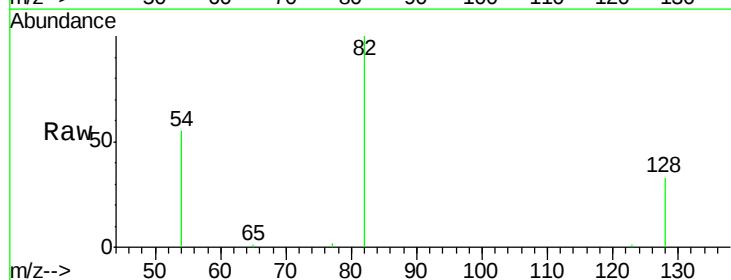
Tgt Ion: 77 Resp: 100

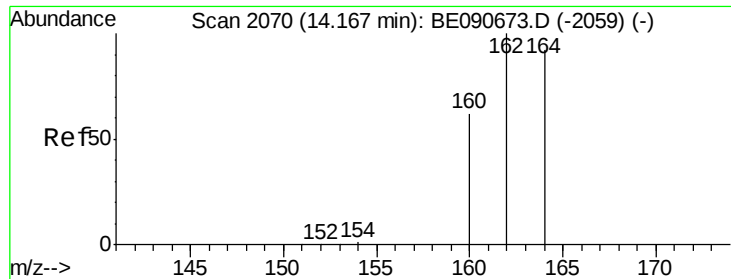
Ion Ratio Lower Upper

77 100

123 5.0 25.1 37.7#

65 36.0 9.9 14.9#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-B

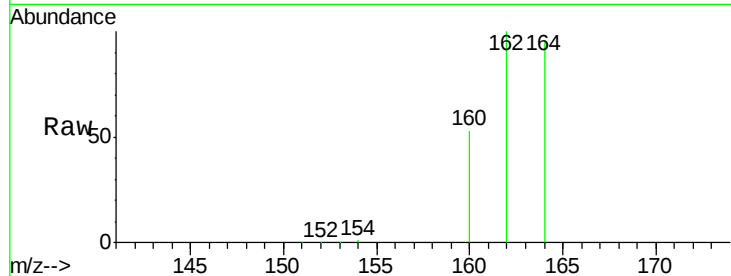
Tot Ion:164 Resp: 79971

Ion Ratio Lower Upper

164 100

162 104.0 86.8 130.2

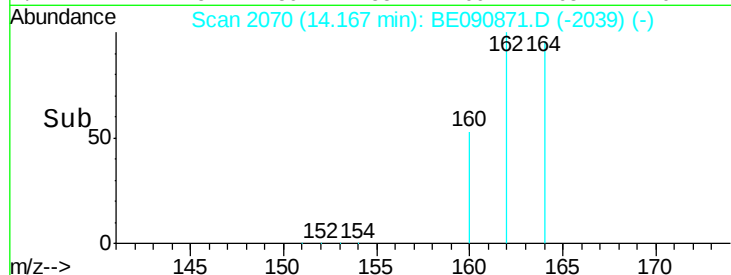
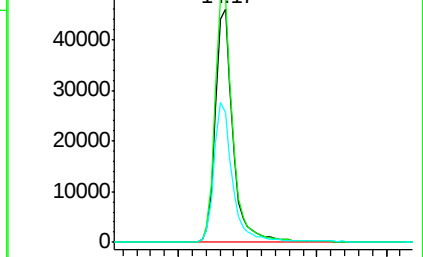
160 55.3 53.9 80.9



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



#13

2,4,6-Tribromophenol

Concen: 8.23 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

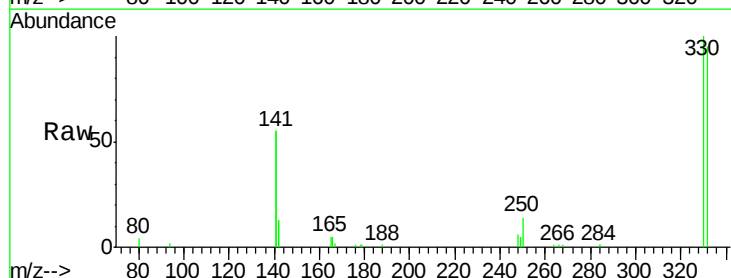
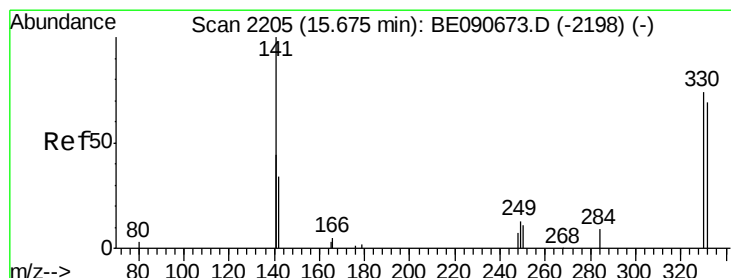
Tgt Ion:330 Resp: 19337

Ion Ratio Lower Upper

330 100

332 95.9 74.9 112.3

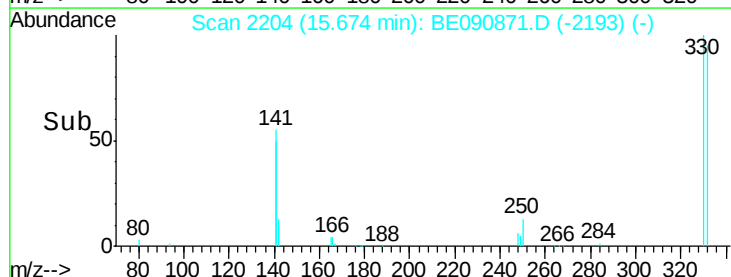
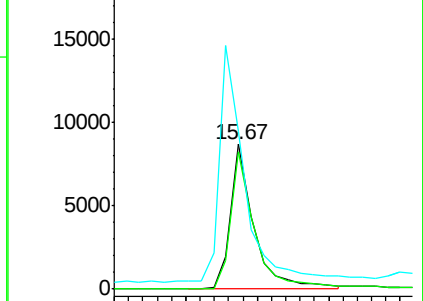
141 179.9 145.2 217.8



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

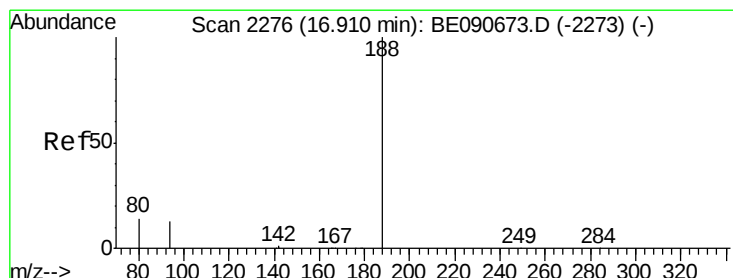
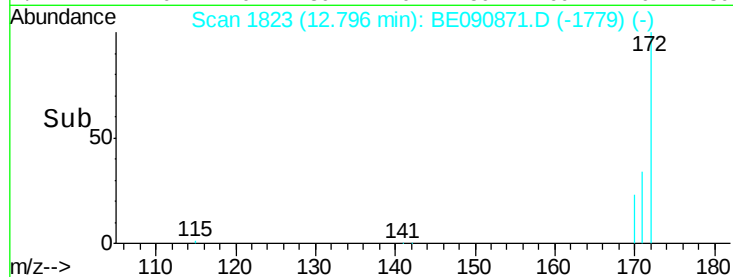
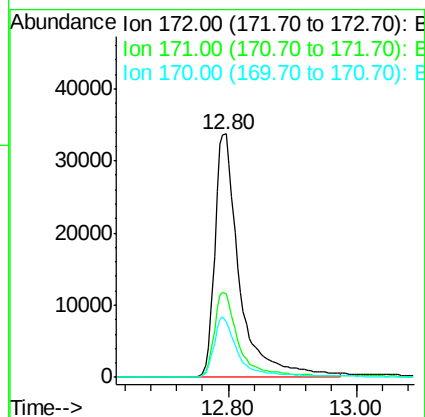
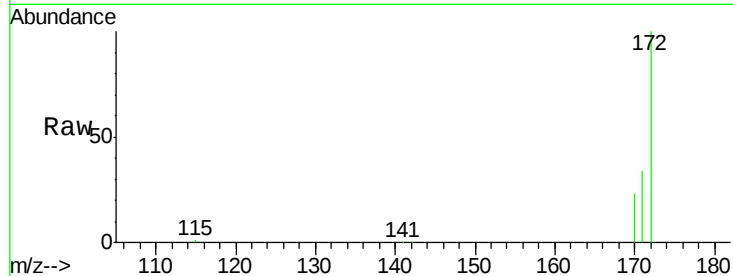




#14
2-Fluorobiphenyl
Concen: 4.06 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090871.D
Acq: 17 Sep 2015 19:05

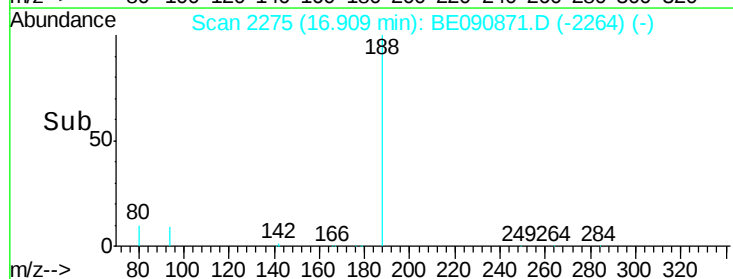
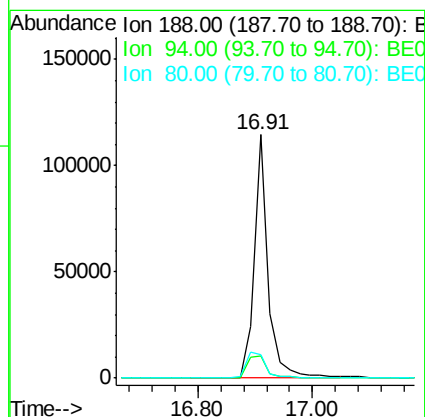
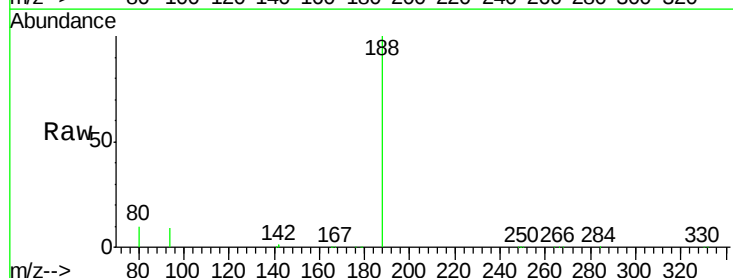
Instrument :
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Tot Ion:172 Resp: 89986
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.8
170 22.7 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090871.D
Acq: 17 Sep 2015 19:05

Tgt Ion:188 Resp: 194746
Ion Ratio Lower Upper
188 100
94 9.0 10.3 15.5#
80 9.7 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.28 min Scan# 2239

Delta R.T. 0.05 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-B

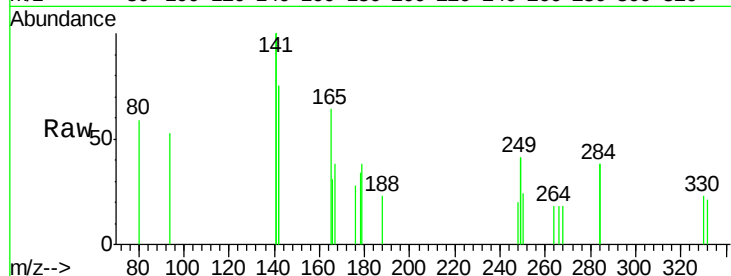
Tot Ion:284 Resp: 79

Ion Ratio Lower Upper

284 100

142 134.2 35.0 52.4#

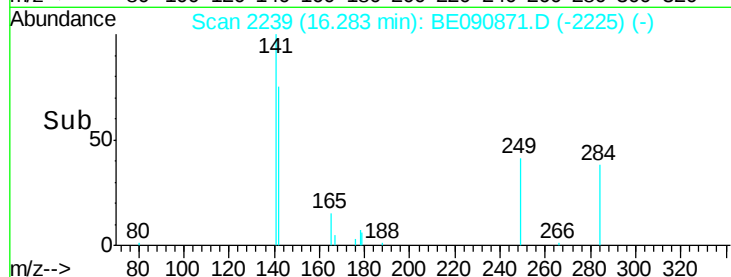
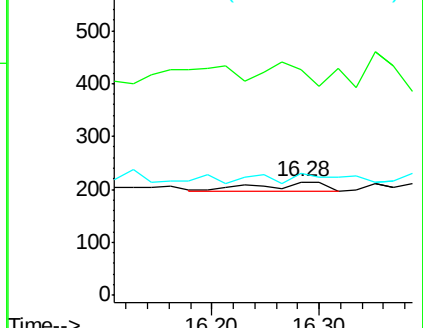
249 87.3 25.5 38.3#



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# 2257

Delta R.T. -0.00 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

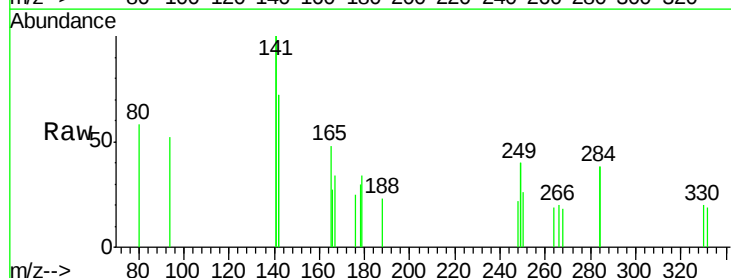
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

268 92.7 49.6 74.4#

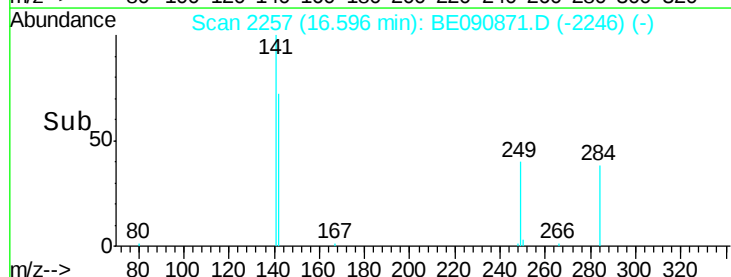
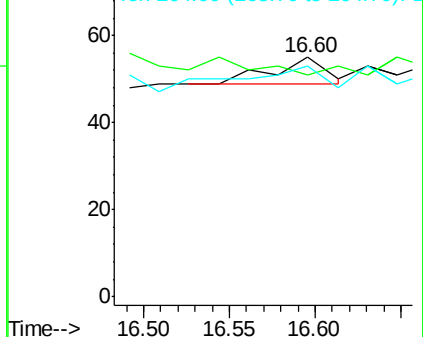
264 96.4 53.9 80.9#

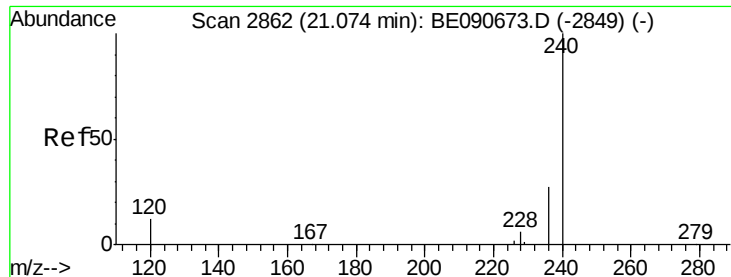


Abundance Ion 265.70 (265.40 to 266.40): E

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# 2860

Delta R.T. -0.01 min

Lab File: BE090871.D

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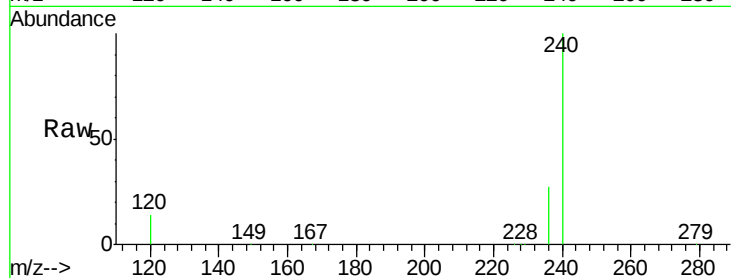
Tot Ion:240 Resp: 223897

Ion Ratio Lower Upper

240 100

120 13.6 10.1 15.1

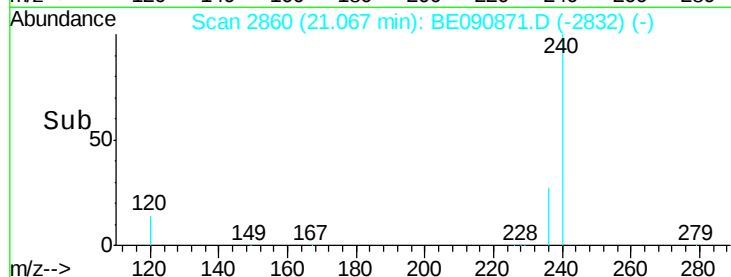
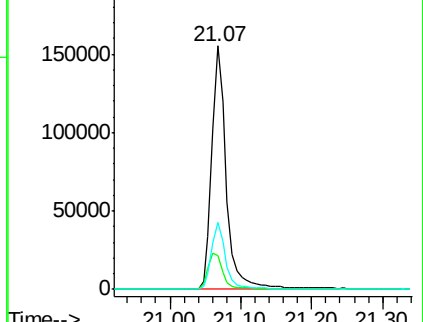
236 27.5 21.9 32.9



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: 5.90 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

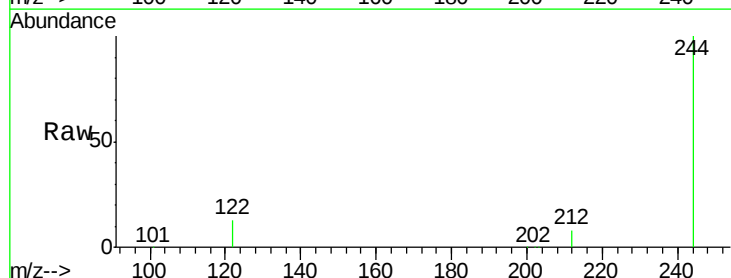
Tgt Ion:244 Resp: 146149

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

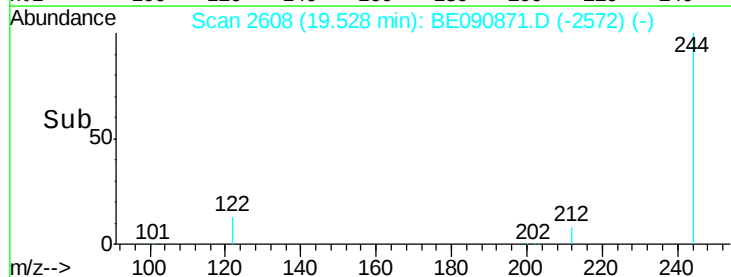
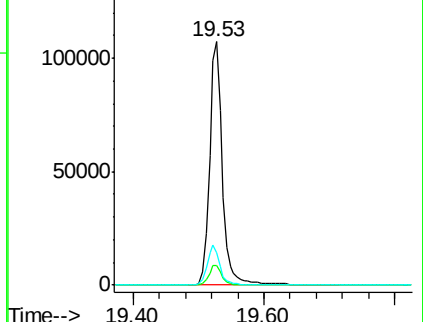
122 13.1 12.9 19.3



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: BE090871.D

Acq: 17 Sep 2015 19:05

Instrument :

BNA_E

ClientSampleId :

091515-D549-F-U-B

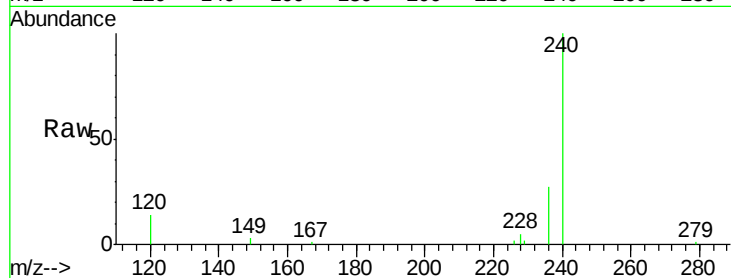
Tot Ion:228 Resp: 423

Ion Ratio Lower Upper

228 100

226 46.0 24.2 36.4#

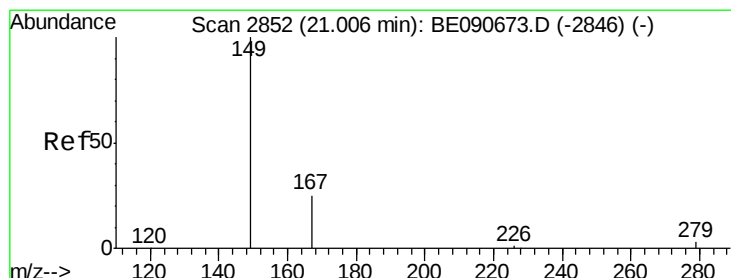
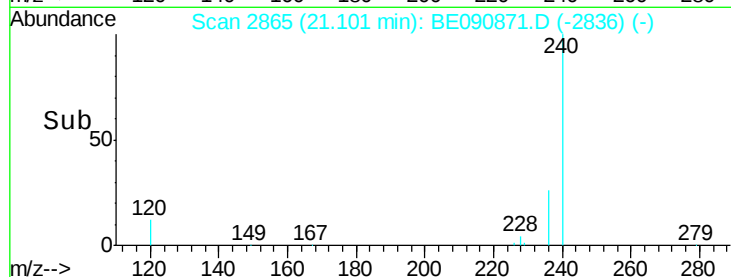
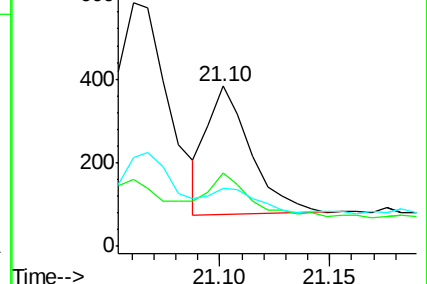
229 36.6 15.3 22.9#



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: 0.14 ng

RT: 20.99 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090871.D

Acq: 17 Sep 2015 19:05

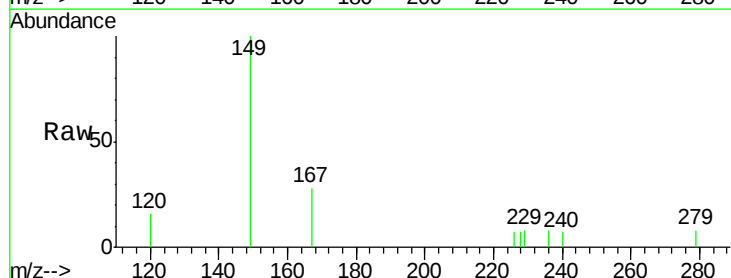
Tgt Ion:149 Resp: 1031

Ion Ratio Lower Upper

149 100

167 23.3 20.1 30.1

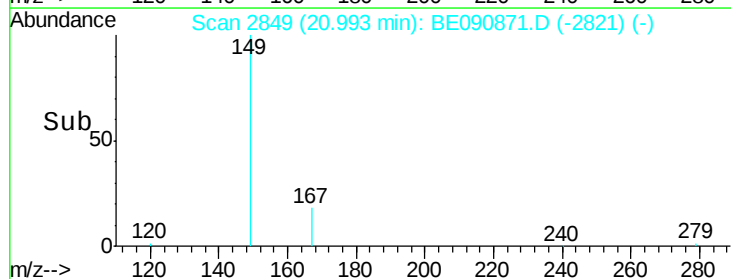
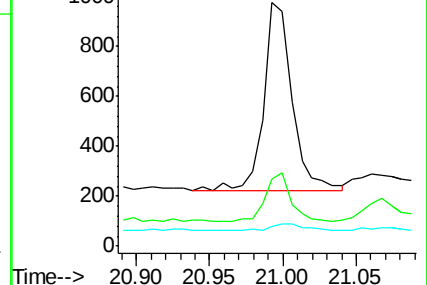
279 4.7 2.3 3.5#



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

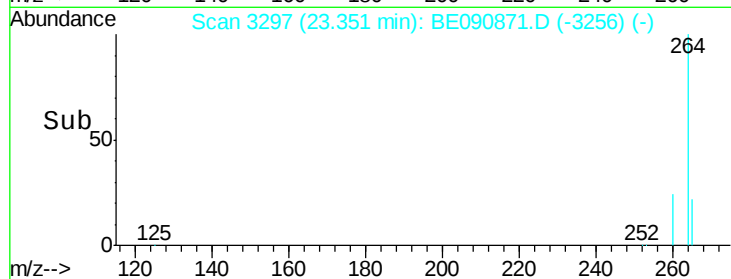
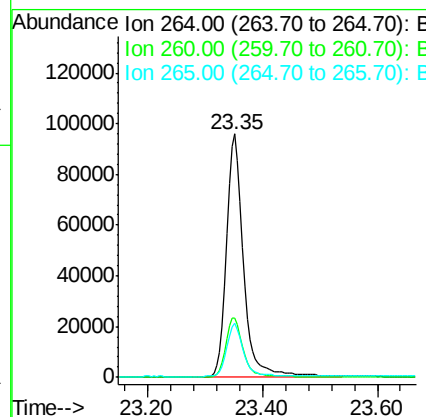
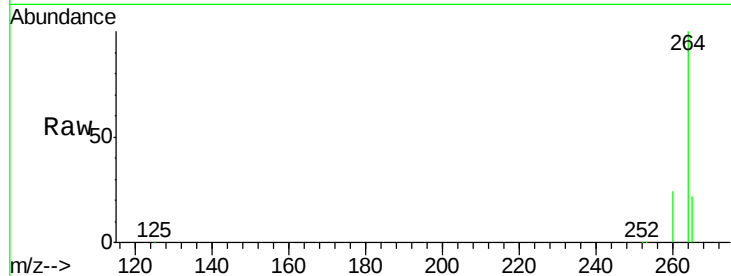




#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BE090871.D
 Acq: 17 Sep 2015 19:05

Instrument :
 BNA_E
 ClientSampleId :
 091515-D549-F-U-B

Tot Ion:264 Resp: 203050
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.7 29.5
 265 22.0 17.5 26.3



#36
 Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.75 min Scan# 3820
 Delta R.T. 0.00 min
 Lab File: BE090871.D
 Acq: 17 Sep 2015 19:05

Tgt Ion:278 Resp: 93
 Ion Ratio Lower Upper
 278 100
 139 101.0 15.4 23.0#
 279 90.4 18.8 28.2#

