

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
 Data File : BE090829.D
 Acq On : 15 Sep 2015 12:48
 Operator : UM/IZ
 Sample : G3657-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091115-D534-E-D-B

Quant Time: Sep 15 13:44:19 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	7.54	152	30743	5.00	ng	-0.01
6) Naphthalene-d8	10.30	136	134397	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	72778	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	190267	5.00	ng	0.00
25) Chrysene-d12	21.07	240	237941	5.00	ng	0.00
32) Perylene-d12	23.35	264	222085	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	16460	2.76	ng	-0.01
5) Phenol-d6	6.75	99	11909	1.39	ng	0.00
7) Nitrobenzene-d5	8.71	82	33162	3.73	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	13303	6.26	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	80086	3.97	ng	0.00
27) Terphenyl-d14	19.53	244	146869	5.58	ng	-0.01

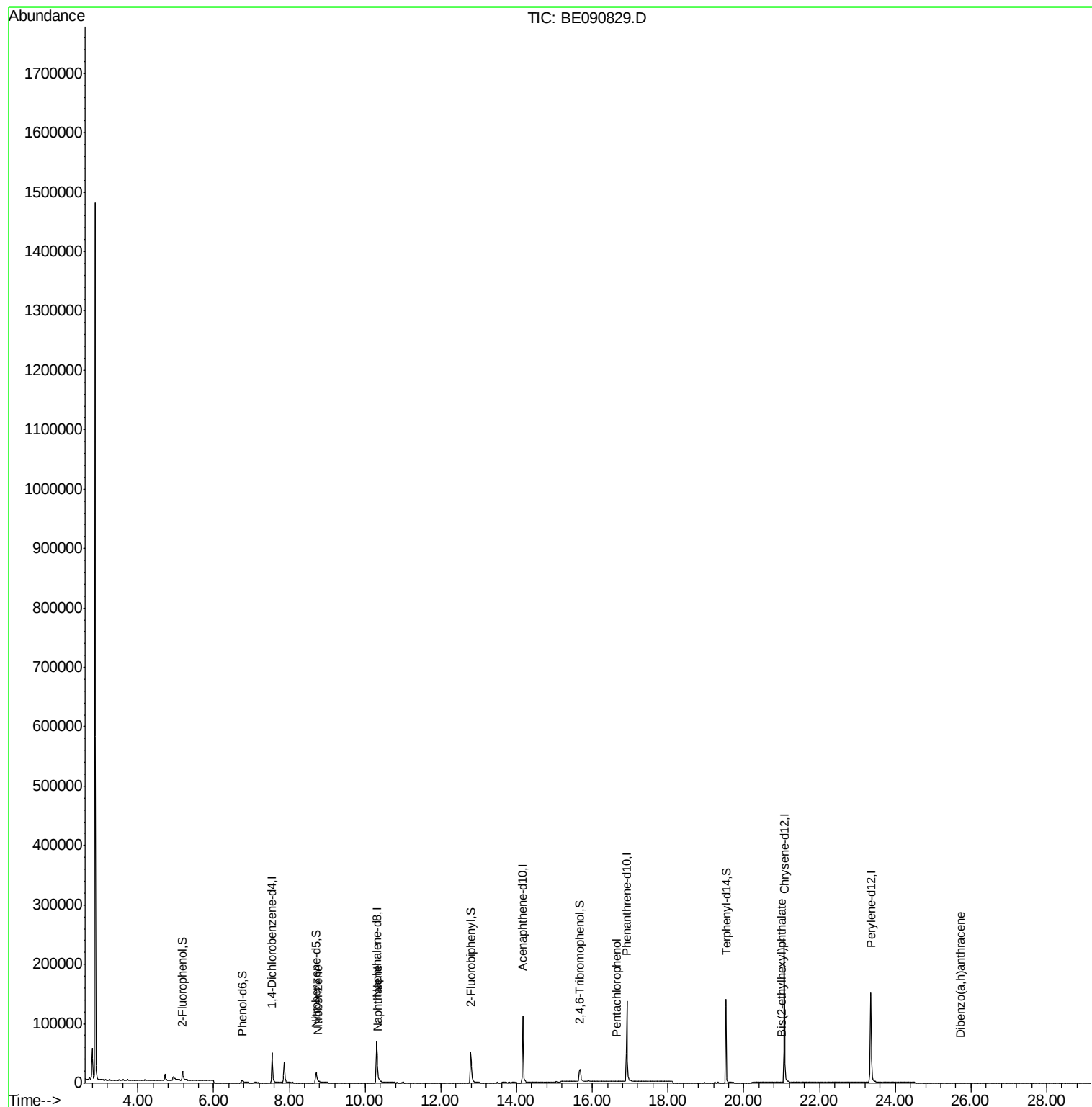
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	76	Below Cal	#	1
3) n-Nitrosodimethylamine	3.47	42	39	Below Cal	#	6
8) Nitrobenzene	8.76	77	22	0.11	ng	91
9) Naphthalene	10.35	128	1202	0.04	ng	73
20) Hexachlorobenzene	16.25	284	31	Below Cal	#	1
21) Pentachlorophenol	16.65	266	75	0.49	ng	68
29) Chrysene	21.10	228	624	Below Cal	#	67
30) Bis(2-ethylhexyl)phthalate	21.00	149	1477	0.17	ng	96
36) Dibenzo(a,h)anthracene	25.74	278	25	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: 7.54 min Scan# 836

Delta R.T. -0.01 min

Lab File: BE090829.D

Acq: 15 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

091115-D534-E-D-B

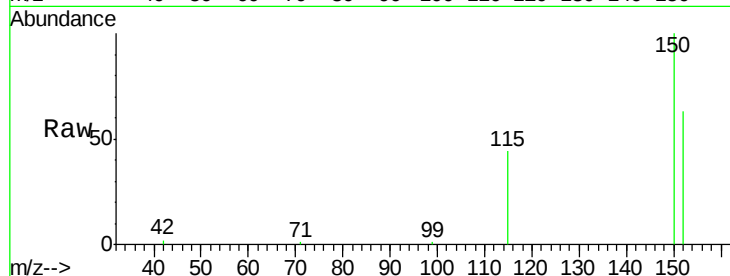
Tgt Ion:152 Resp: 30743

Ion Ratio Lower Upper

152 100

150 158.3 122.2 183.4

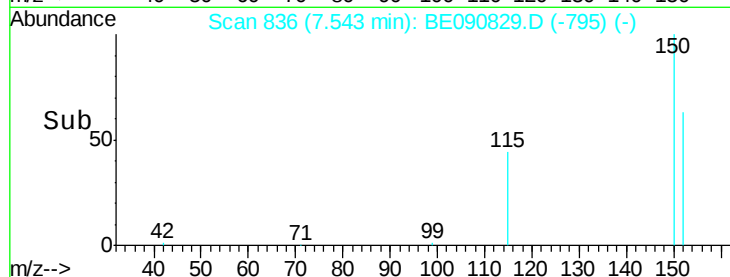
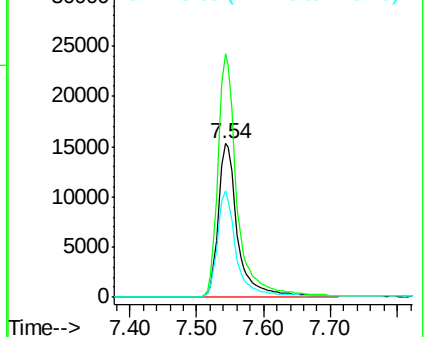
115 69.4 51.0 76.4



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# 81

Delta R.T. -0.01 min

Lab File: BE090829.D

Acq: 15 Sep 2015 12:48

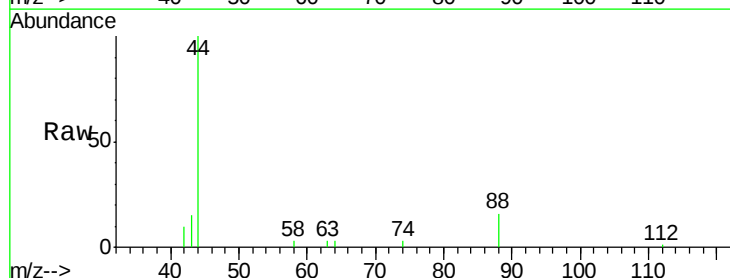
Tgt Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

58 43.4 68.4 102.6#

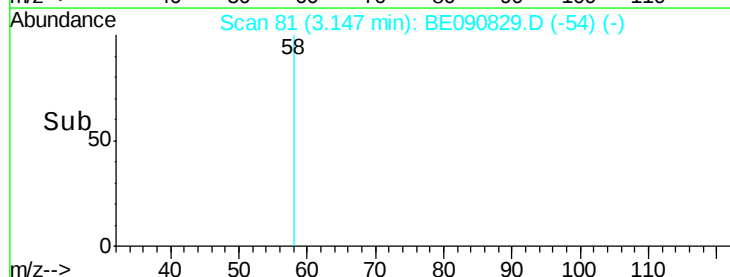
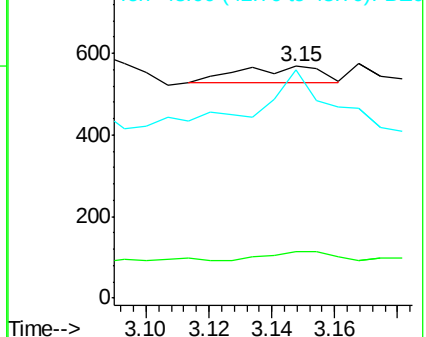
43 321.1 26.9 40.3#



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



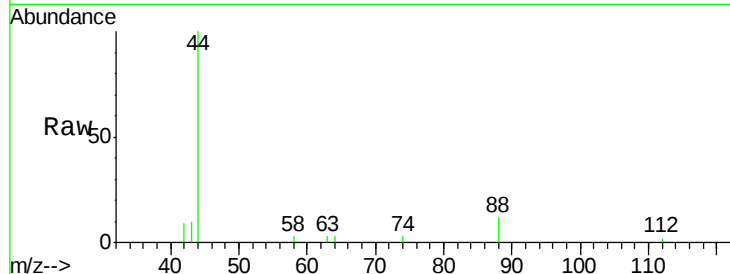


#3

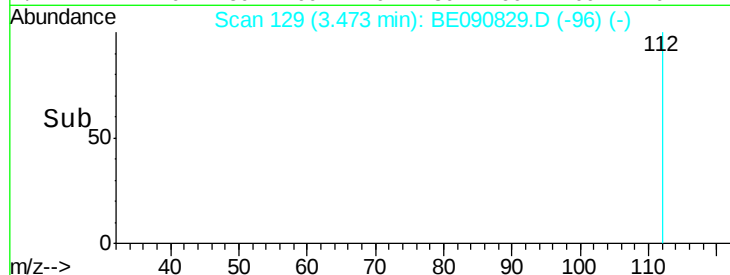
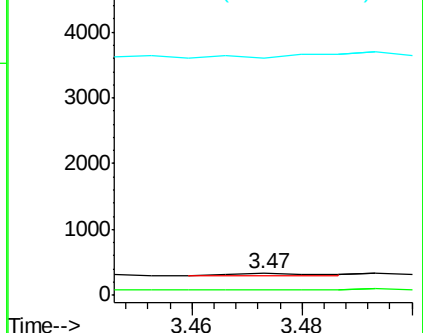
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.47 min Scan# 129
 Delta R.T. 0.02 min
 Lab File: BE090829.D
 Acq: 15 Sep 2015 12:48

Instrument :
 BNA_E
 ClientSampleId :
 091115-D534-E-D-B

Tgt Ion: 42 Resp: 39
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 0.0 10.0 15.0#



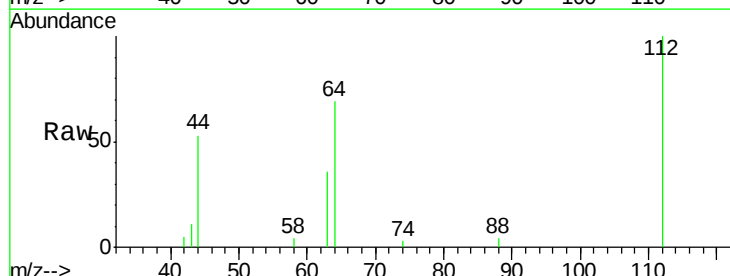
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



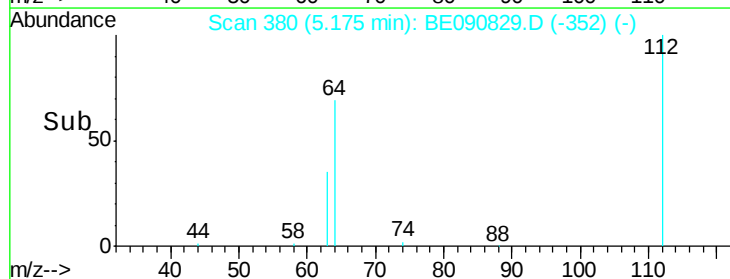
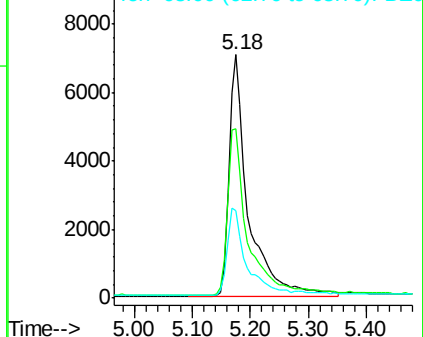
#4

2-Fluorophenol
 Concen: 2.76 ng
 RT: 5.18 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: BE090829.D
 Acq: 15 Sep 2015 12:48

Tgt Ion: 112 Resp: 16460
 Ion Ratio Lower Upper
 112 100
 64 72.5 57.3 85.9
 63 36.3 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: 1.39 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090829.D

Acq: 15 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

091115-D534-E-D-B

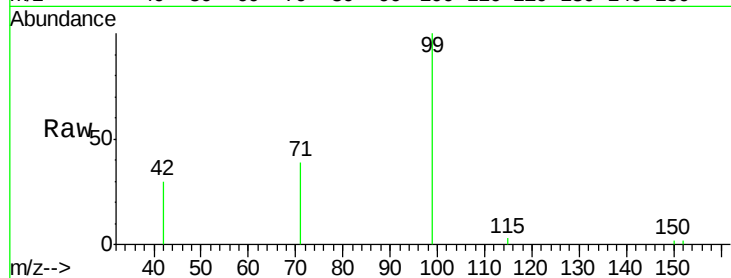
Tgt Ion: 99 Resp: 11909

Ion Ratio Lower Upper

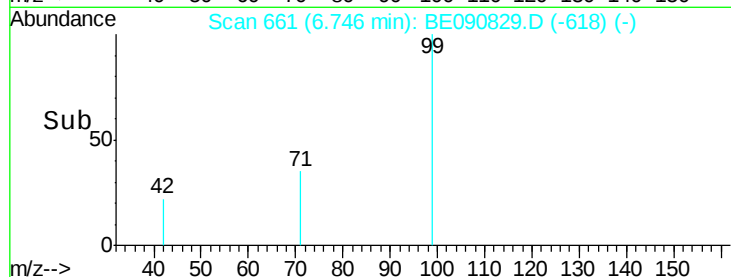
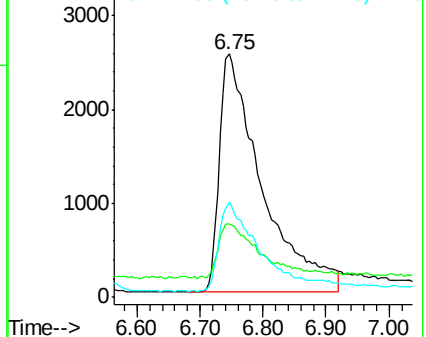
99 100

42 22.3 16.8 25.2

71 34.8 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: BE090829.D

Acq: 15 Sep 2015 12:48

Tgt Ion: 136 Resp: 134397

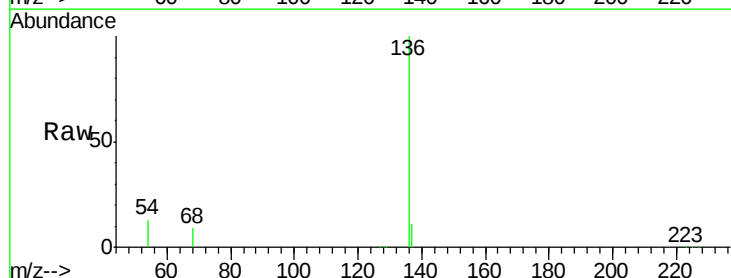
Ion Ratio Lower Upper

136 100

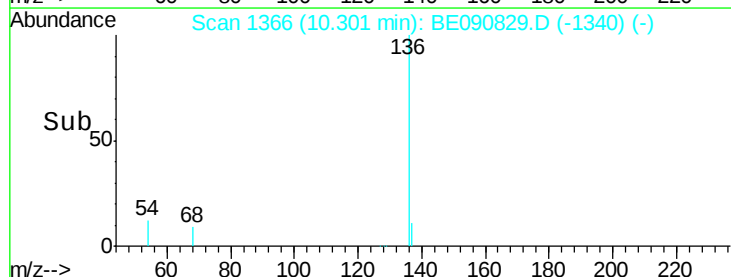
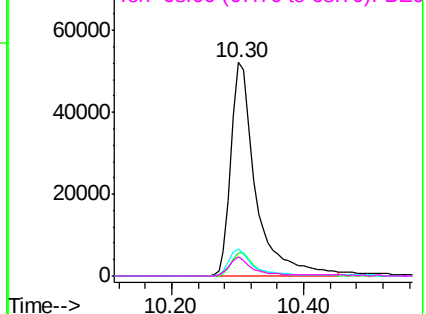
137 10.6 8.7 13.1

54 12.6 9.0 13.6

68 8.8 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: 3.73 ng

RT: 8.71 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE090829.D

Acq: 15 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

091115-D534-E-D-B

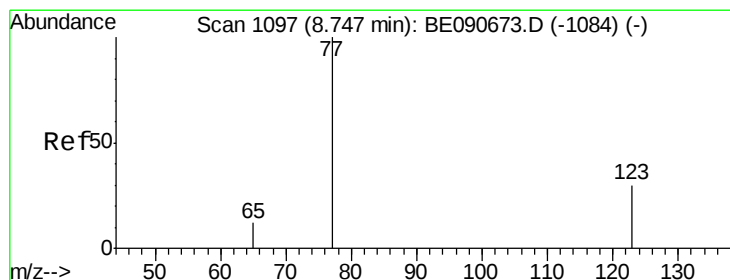
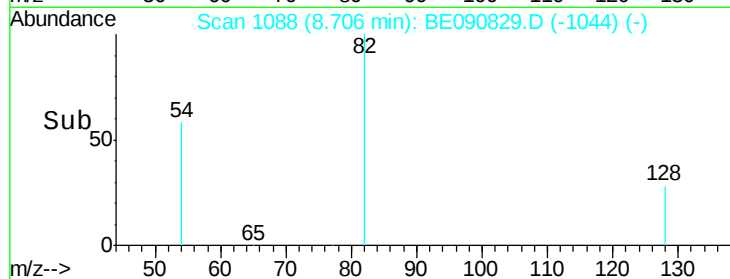
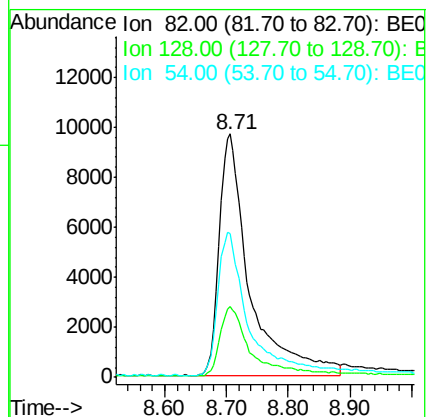
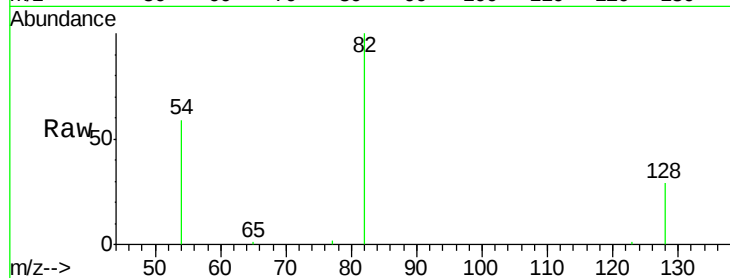
Tgt Ion: 82 Resp: 33162

Ion Ratio Lower Upper

82 100

128 28.9 25.0 37.4

54 58.8 46.3 69.5



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.76 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BE090829.D

Acq: 15 Sep 2015 12:48

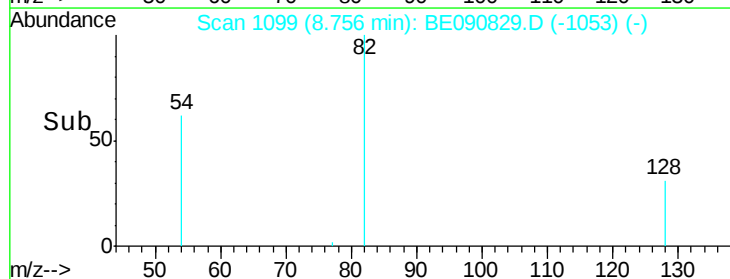
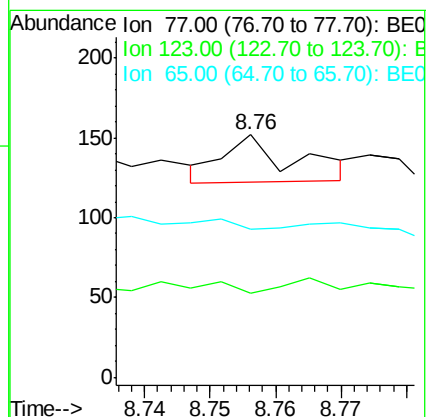
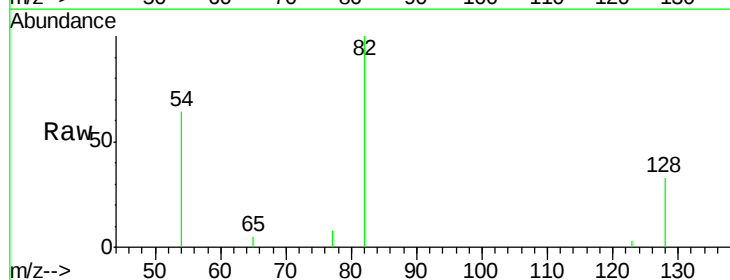
Tgt Ion: 77 Resp: 22

Ion Ratio Lower Upper

77 100

123 31.8 25.1 37.7

65 0.0 9.9 14.9#





#9

Naphthalene

Concen: 0.04 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090829.D

Acq: 15 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

091115-D534-E-D-B

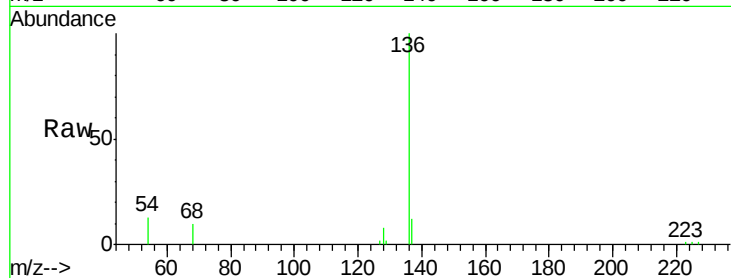
Tgt Ion:128 Resp: 1202

Ion Ratio Lower Upper

128 100

129 22.8 9.0 13.6#

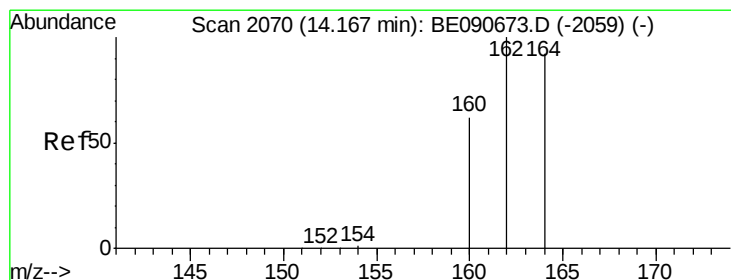
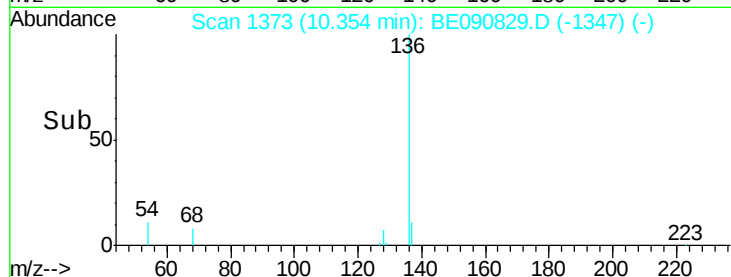
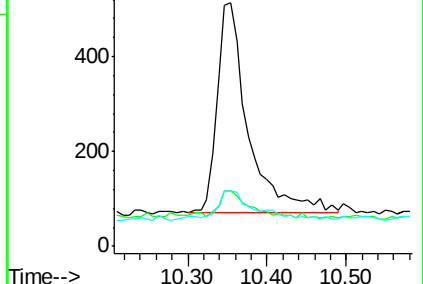
127 23.0 10.6 15.8#



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: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090829.D

Acq: 15 Sep 2015 12:48

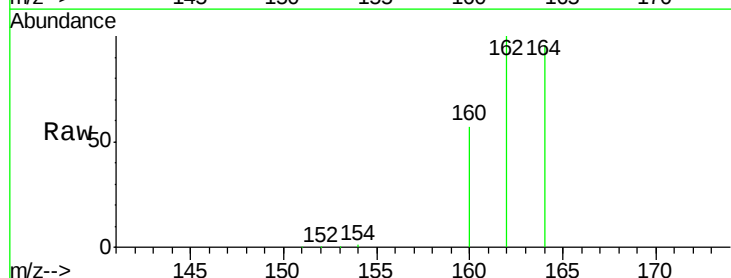
Tgt Ion:164 Resp: 72778

Ion Ratio Lower Upper

164 100

162 104.1 86.8 130.2

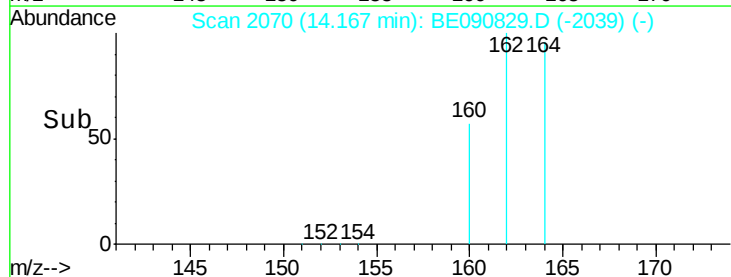
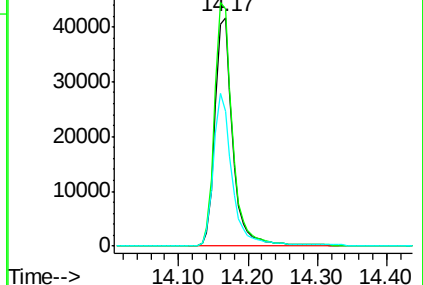
160 59.0 53.9 80.9

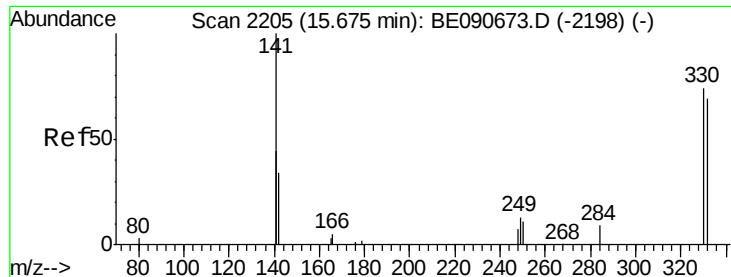


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

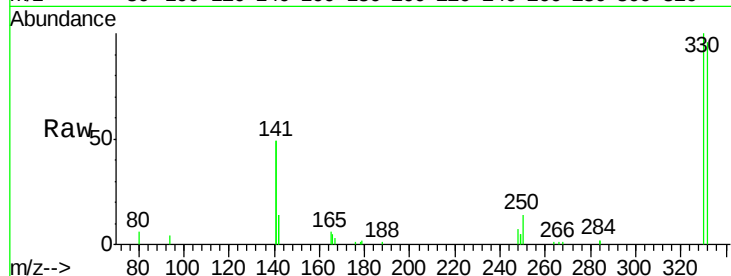




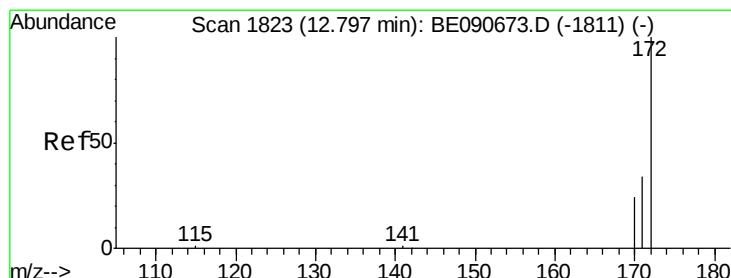
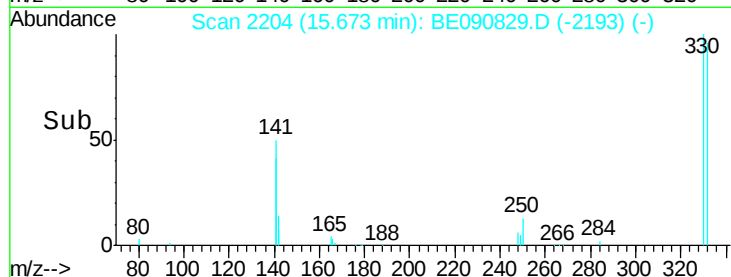
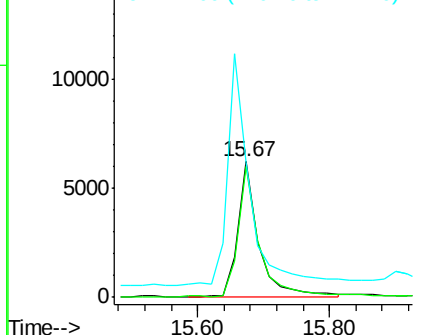
#13
 2,4,6-Tribromophenol
 Concen: 6.26 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090829.D
 Acq: 15 Sep 2015 12:48

Instrument :
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Tgt Ion:330 Resp: 13303
 Ion Ratio Lower Upper
 330 100
 332 96.9 74.9 112.3
 141 184.2 145.2 217.8

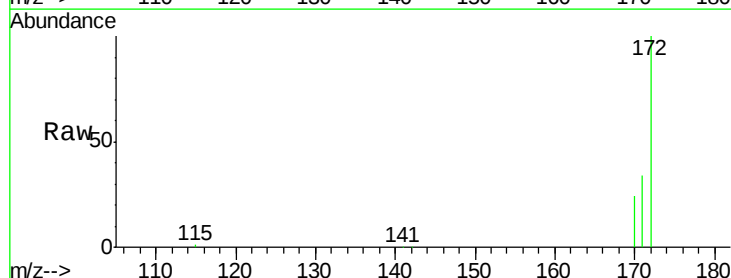


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

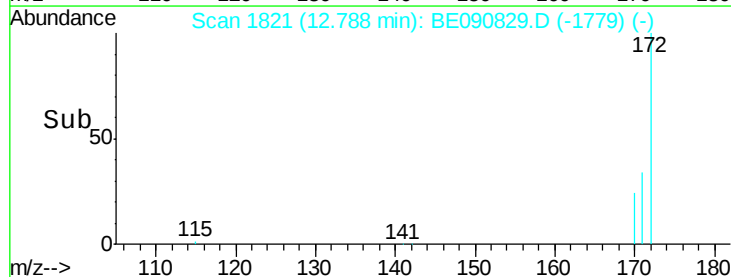
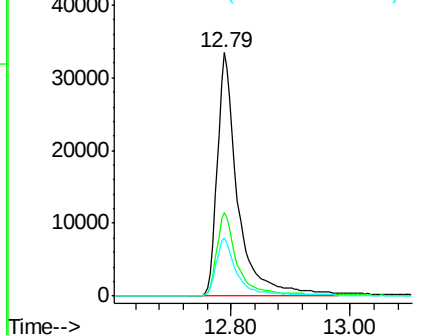


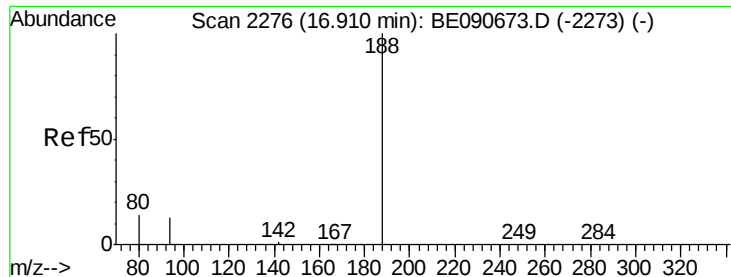
#14
 2-Fluorobiphenyl
 Concen: 3.97 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BE090829.D
 Acq: 15 Sep 2015 12:48

Tgt Ion:172 Resp: 80086
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.8 41.8
 170 23.7 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090829.D

Acq: 15 Sep 2015 12:48

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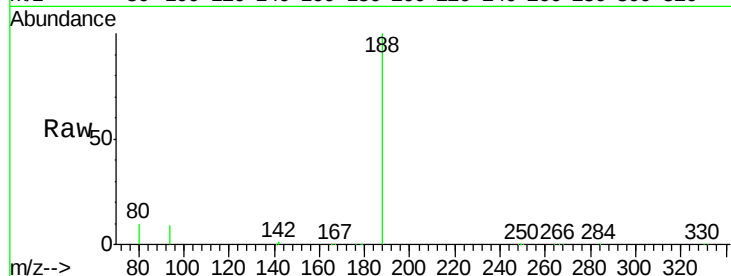
Tgt Ion:188 Resp: 190267

Ion Ratio Lower Upper

188 100

94 9.3 10.3 15.5#

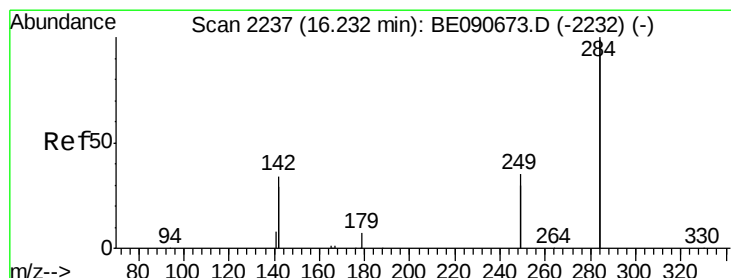
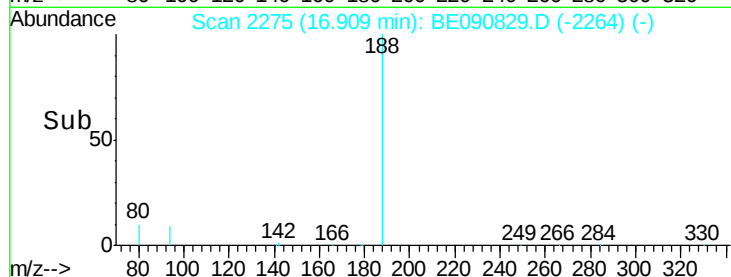
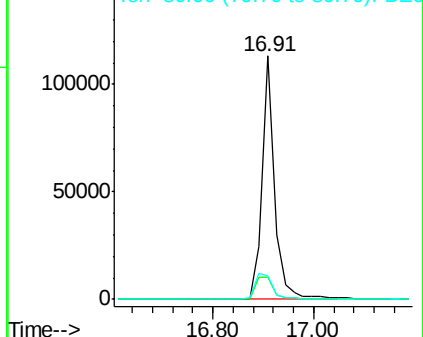
80 9.9 11.0 16.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.25 min Scan# 2237

Delta R.T. 0.02 min

Lab File: BE090829.D

Acq: 15 Sep 2015 12:48

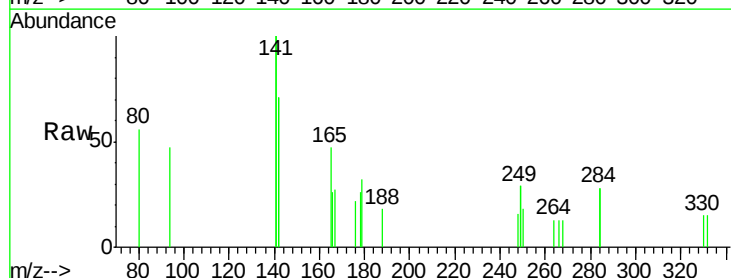
Tgt Ion:284 Resp: 31

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

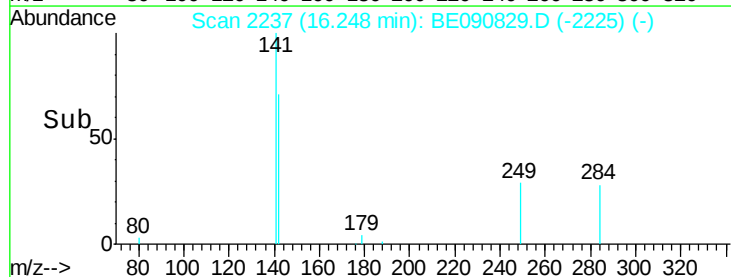
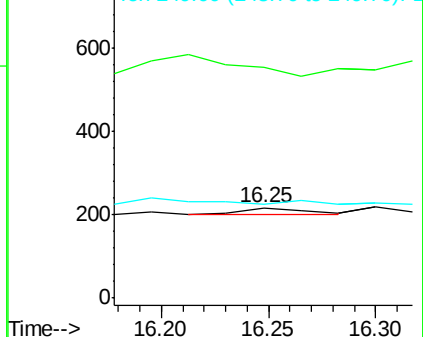
249 122.6 25.5 38.3#

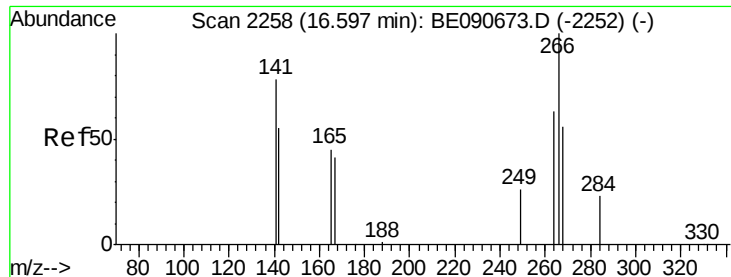


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.49 ng

RT: 16.65 min Scan# 2260

Delta R.T. 0.05 min

Lab File: BE090829.D

Acq: 15 Sep 2015 12:48

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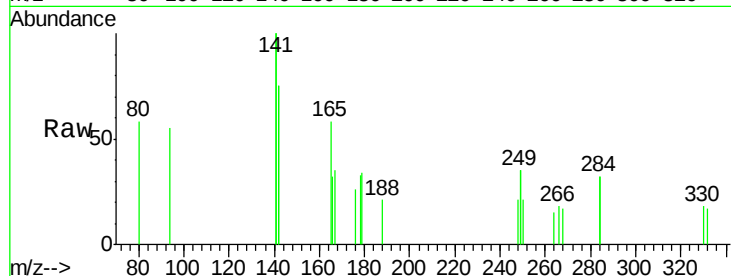
Tgt Ion:266 Resp: 75

Ion Ratio Lower Upper

266 100

268 93.1 49.6 74.4#

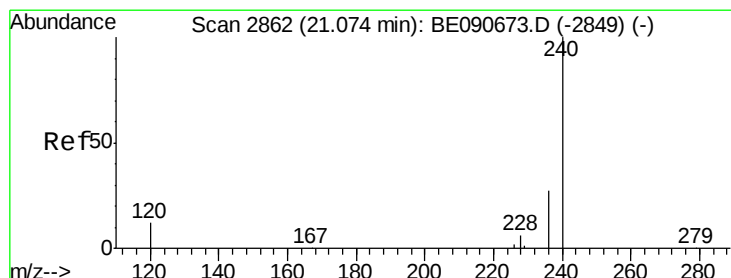
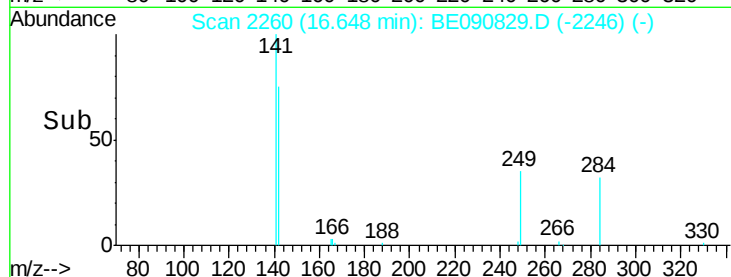
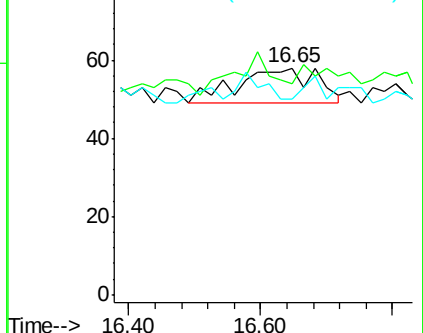
264 86.2 53.9 80.9#



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090829.D

Acq: 15 Sep 2015 12:48

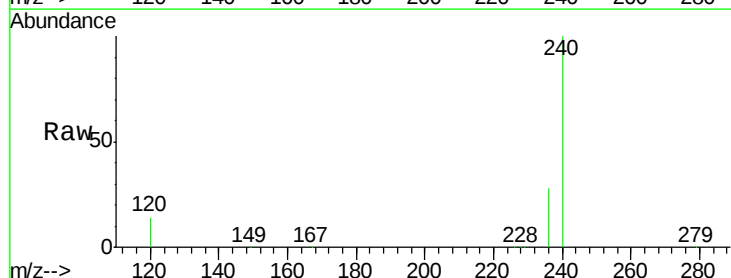
Tgt Ion:240 Resp: 237941

Ion Ratio Lower Upper

240 100

120 14.3 10.1 15.1

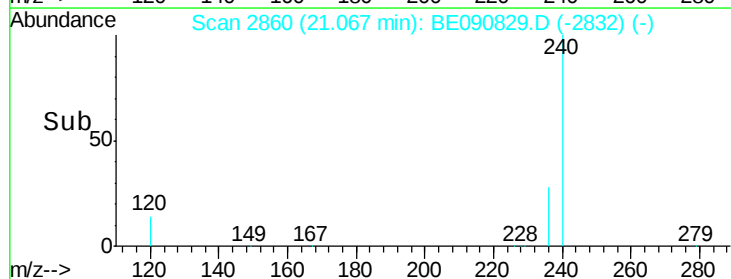
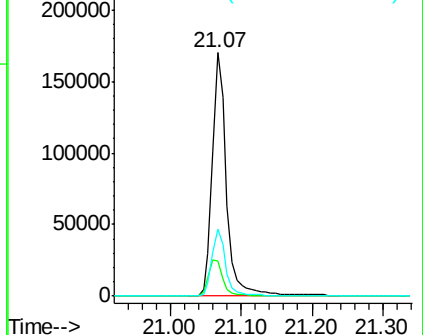
236 27.6 21.9 32.9

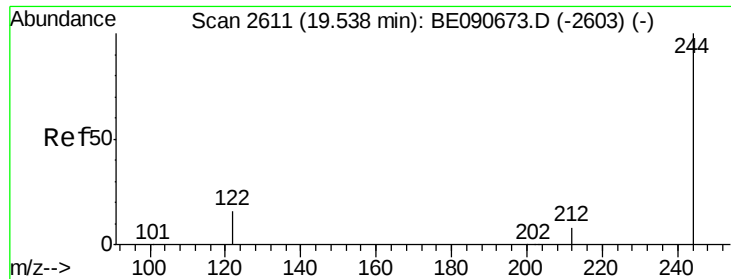


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Terphenyl-d14

Concen: 5.58 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090829.D

Acq: 15 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

091115-D534-E-D-B

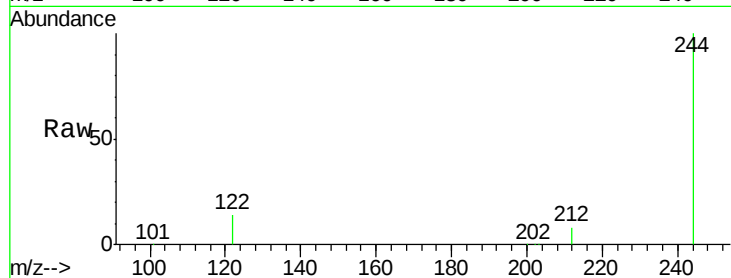
Tgt Ion:244 Resp: 146869

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

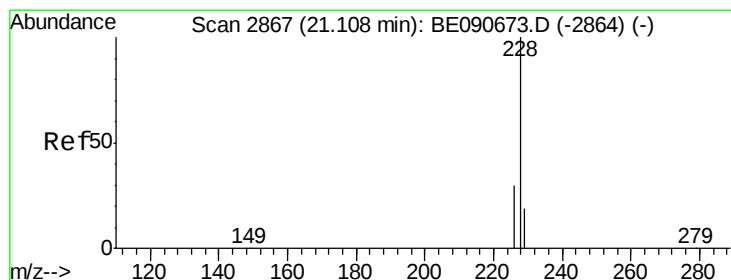
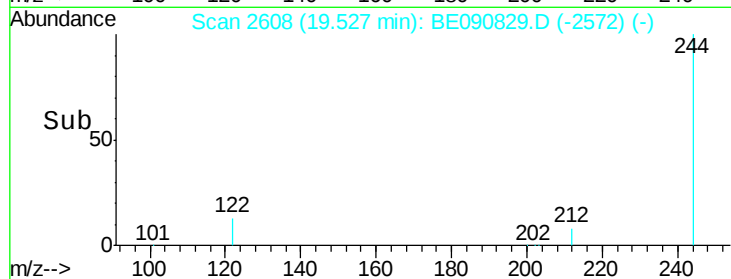
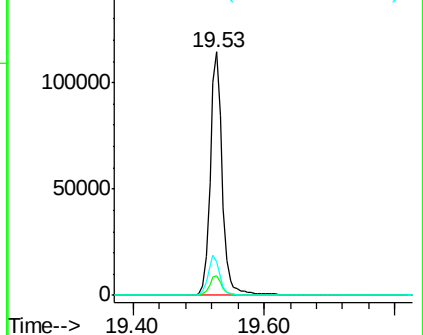
122 13.6 12.9 19.3



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: BE090829.D

Acq: 15 Sep 2015 12:48

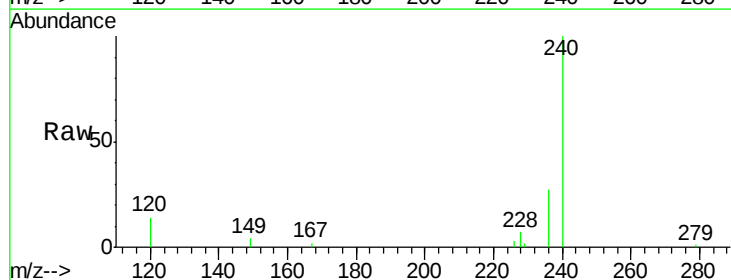
Tgt Ion:228 Resp: 624

Ion Ratio Lower Upper

228 100

226 46.1 24.2 36.4#

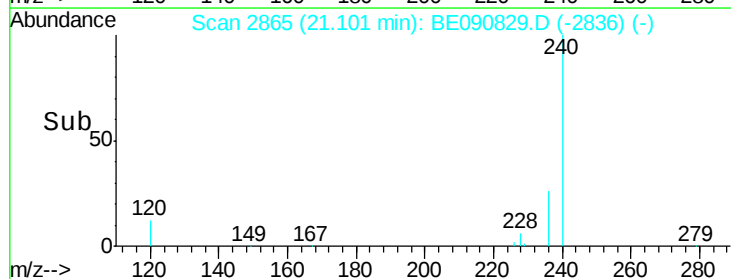
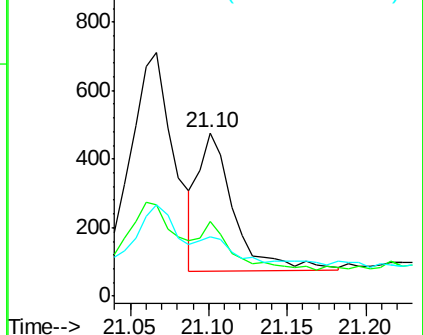
229 36.3 15.3 22.9#

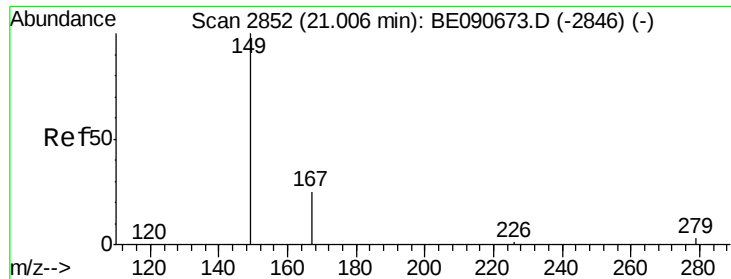


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

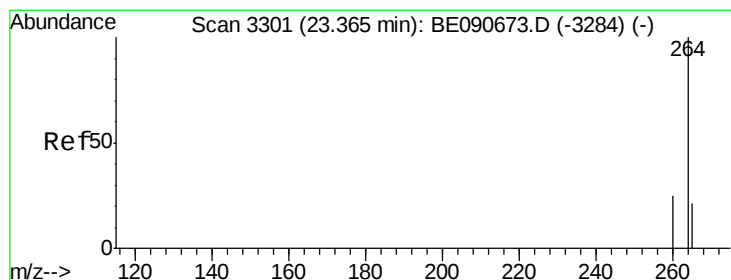
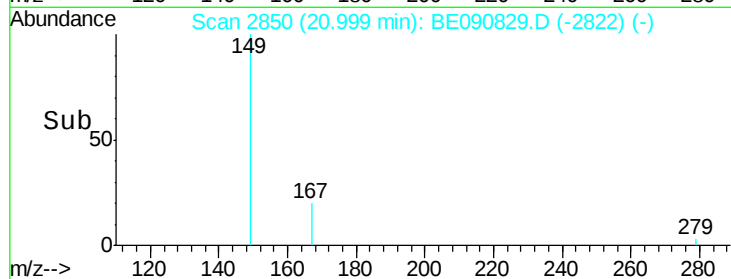
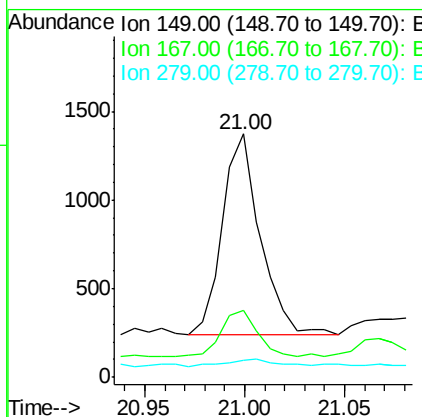
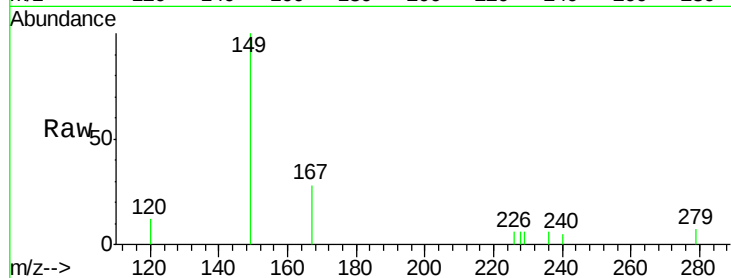




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.17 ng
 RT: 21.00 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BE090829.D
 Acq: 15 Sep 2015 12:48

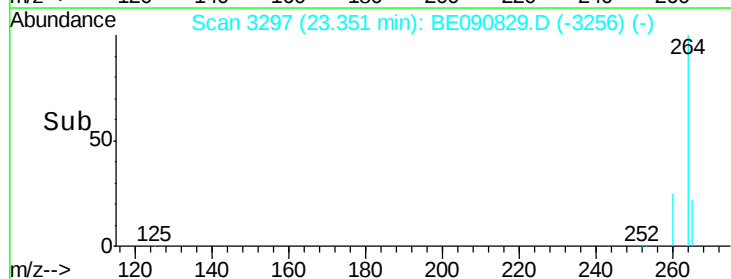
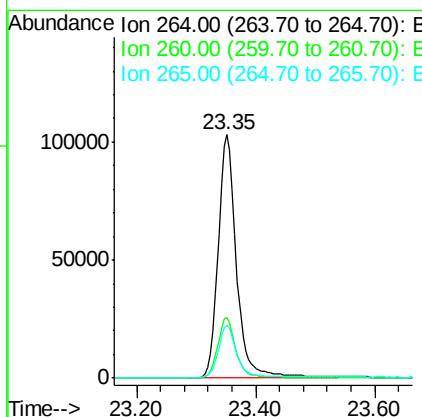
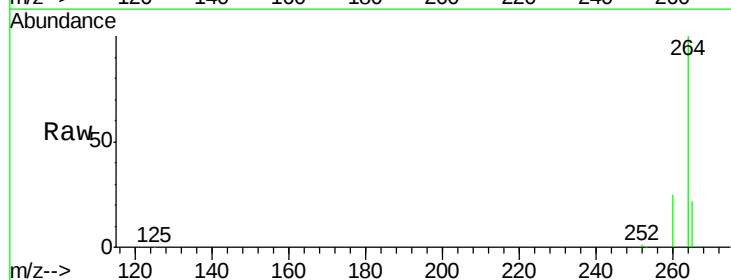
Instrument :
 BNA_E
 ClientSampleId :
 091115-D534-E-D-B

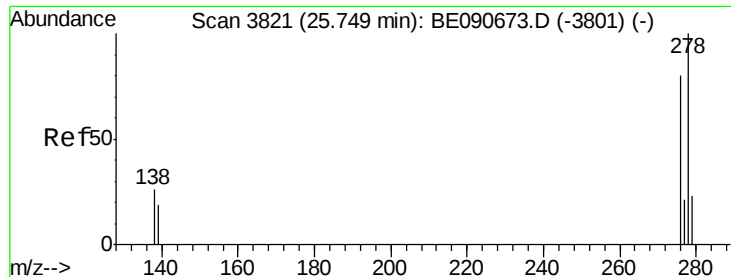
Tgt Ion:149 Resp: 1477
 Ion Ratio Lower Upper
 149 100
 167 23.0 20.1 30.1
 279 4.4 2.3 3.5#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BE090829.D
 Acq: 15 Sep 2015 12:48

Tgt Ion:264 Resp: 222085
 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: 25.74 min Scan# 3817

Delta R.T. -0.01 min

Lab File: BE090829.D

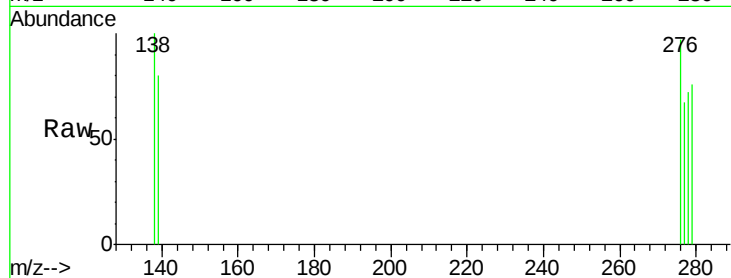
Acq: 15 Sep 2015 12:48

Instrument :

BNA_E

ClientSampleId :

091115-D534-E-D-B



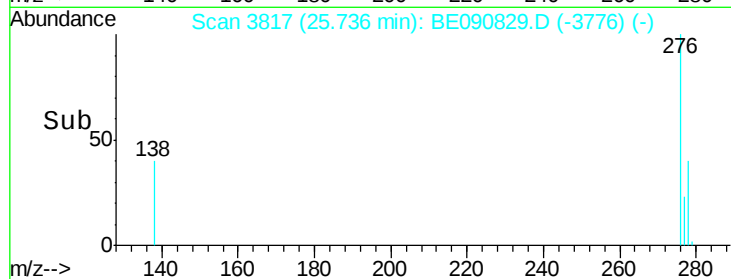
Tgt Ion: 278 Resp: 25

Ion Ratio Lower Upper

278 100

139 110.7 15.4 23.0#

279 104.8 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

