

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
 Data File : BE090838.D
 Acq On : 15 Sep 2015 18:13
 Operator : UM/IZ
 Sample : G3659-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091315-PRKA-F-D-B

Quant Time: Sep 16 05:46:10 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	26593	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	115809	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	59852	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	163084	5.00	ng	0.00
25) Chrysene-d12	21.07	240	229823	5.00	ng	0.00
32) Perylene-d12	23.35	264	210801	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	16700	3.23	ng	0.00
5) Phenol-d6	6.75	99	13095	1.77	ng	0.00
7) Nitrobenzene-d5	8.72	82	27173	3.55	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	11170	6.39	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	63857	3.85	ng	0.00
27) Terphenyl-d14	19.53	244	133417	5.25	ng	-0.01

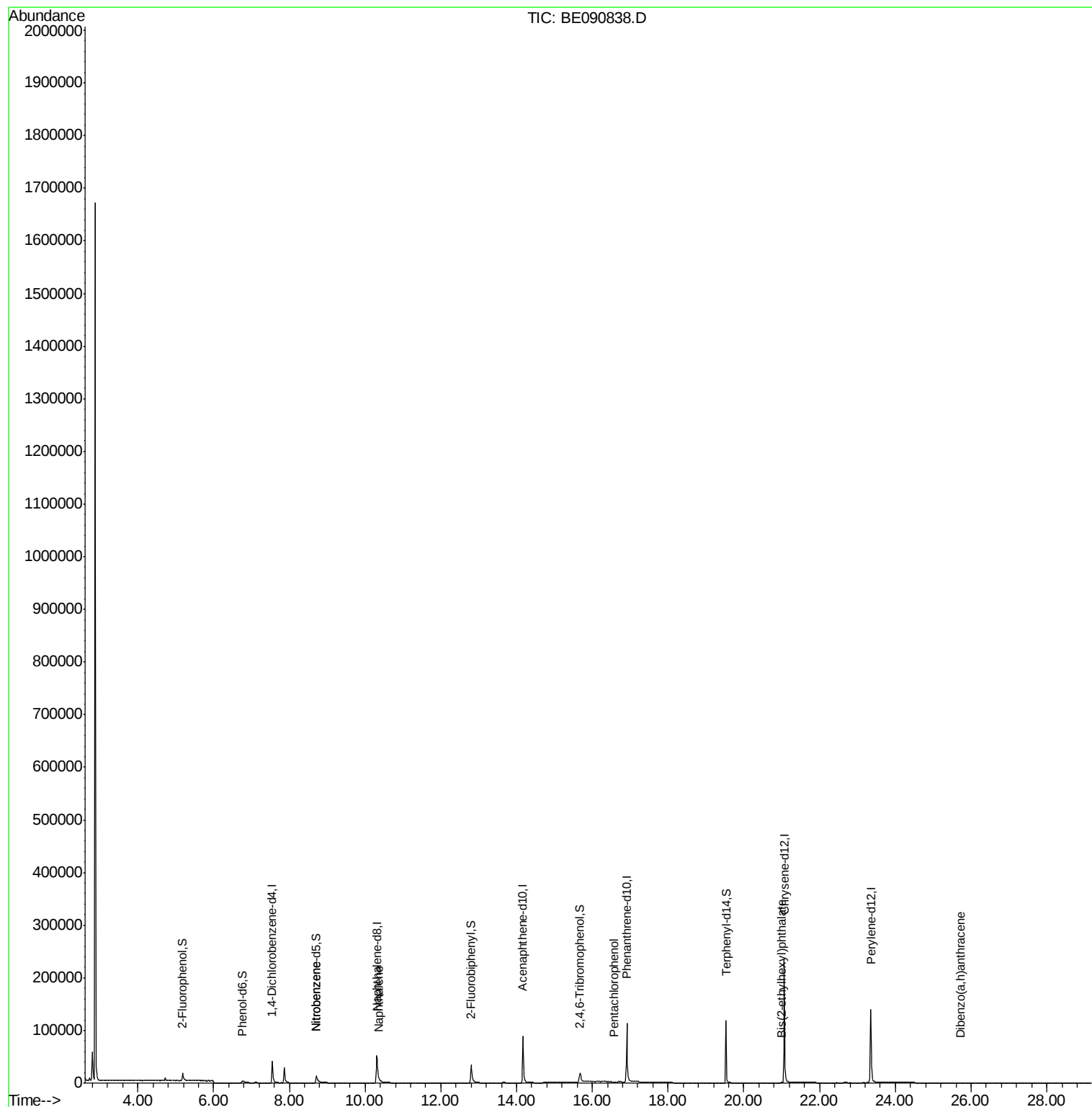
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	65	Below Cal	#	30
3) n-Nitrosodimethylamine	3.39	42	29	Below Cal	#	6
8) Nitrobenzene	8.72	77	83	0.12	ng	56
9) Naphthalene	10.36	128	1042	0.04	ng	68
20) Hexachlorobenzene	16.27	284	10	Below Cal	#	37
21) Pentachlorophenol	16.56	266	17	0.47	ng	53
29) Chrysene	21.07	228	1080	Below Cal	#	77
30) Bis(2-ethylhexyl)phthalate	20.99	149	1037	0.14	ng	98
36) Dibenzo(a,h)anthracene	25.73	278	19	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. -0.01 min

Lab File: BE090838.D

Acq: 15 Sep 2015 18:13

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-D-B

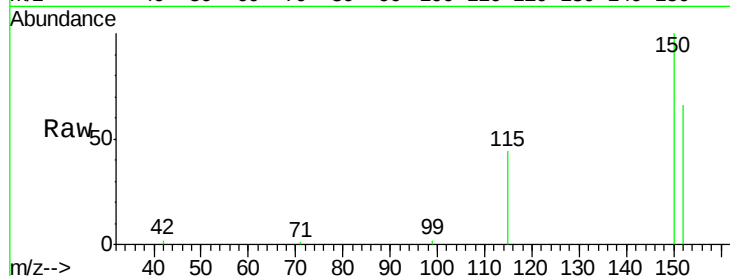
Tgt Ion:152 Resp: 26593

Ion Ratio Lower Upper

152 100

150 152.3 122.2 183.4

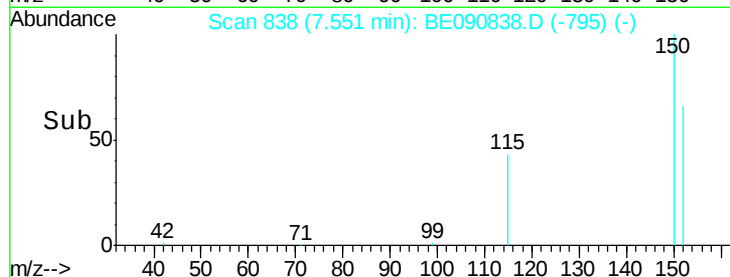
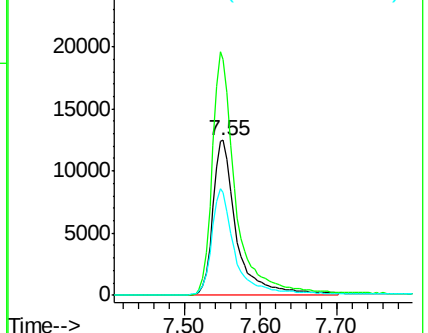
115 66.6 51.0 76.4



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: 3.22 min Scan# 91

Delta R.T. 0.05 min

Lab File: BE090838.D

Acq: 15 Sep 2015 18:13

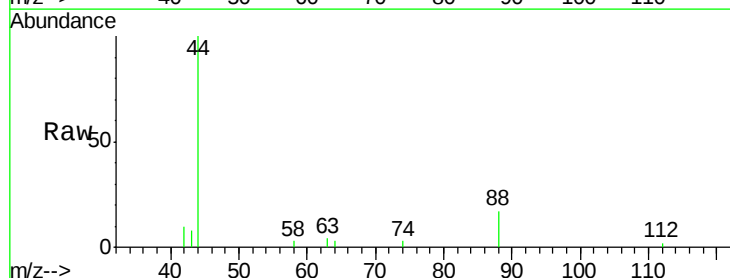
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

58 16.9 68.4 102.6#

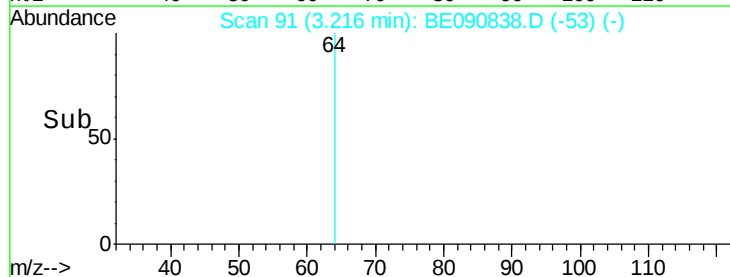
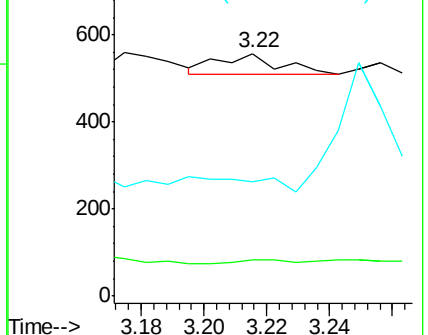
43 0.0 26.9 40.3#



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



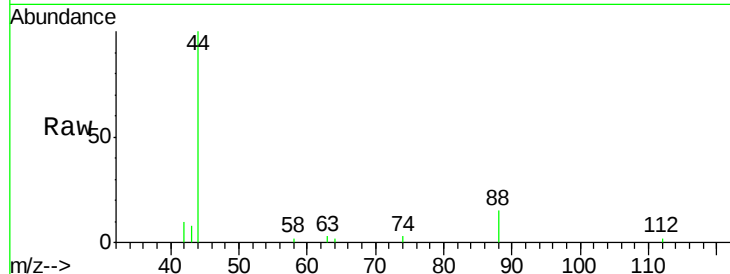


#3

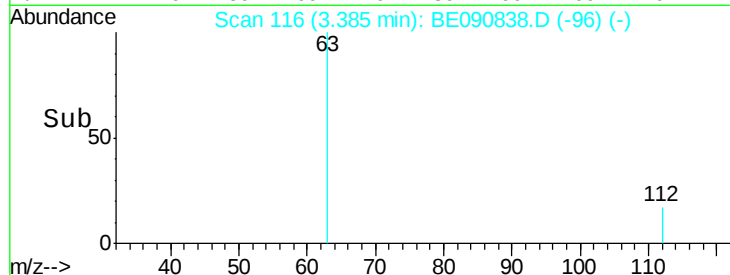
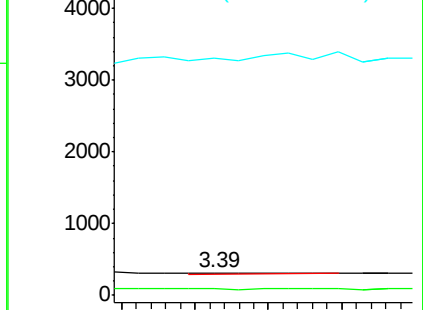
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.39 min Scan# 116
 Delta R.T. -0.07 min
 Lab File: BE090838.D
 Acq: 15 Sep 2015 18:13

Instrument :
 BNA_E
 ClientSampleId :
 091315-PRKA-F-D-B

Tgt Ion: 42 Resp: 29
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 0.0 10.0 15.0#



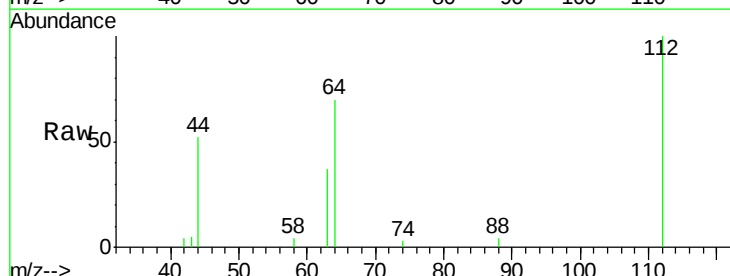
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



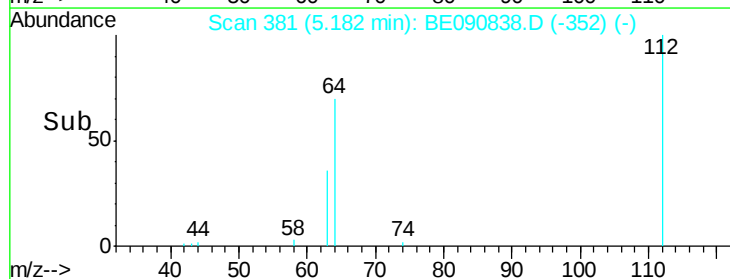
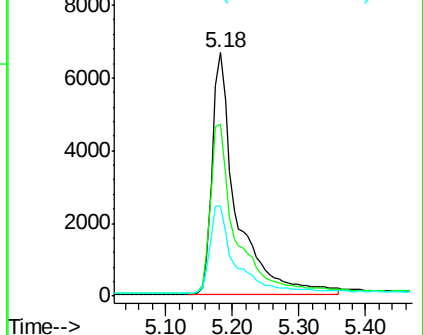
#4

2-Fluorophenol
 Concen: 3.23 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090838.D
 Acq: 15 Sep 2015 18:13

Tgt Ion: 112 Resp: 16700
 Ion Ratio Lower Upper
 112 100
 64 72.5 57.3 85.9
 63 35.8 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: 1.77 ng

RT: 6.75 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090838.D

Acq: 15 Sep 2015 18:13

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-D-B

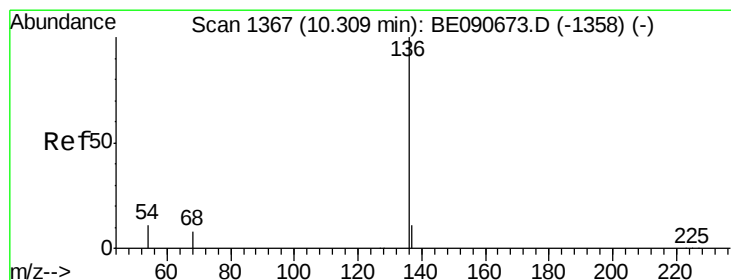
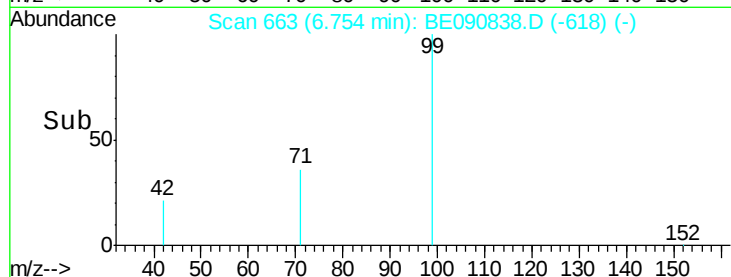
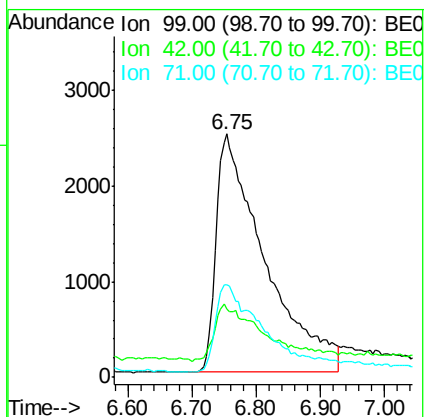
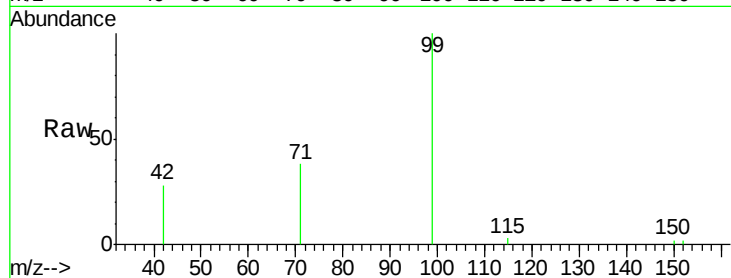
Tgt Ion: 99 Resp: 13095

Ion Ratio Lower Upper

99 100

42 22.7 16.8 25.2

71 34.8 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090838.D

Acq: 15 Sep 2015 18:13

Tgt Ion: 136 Resp: 115809

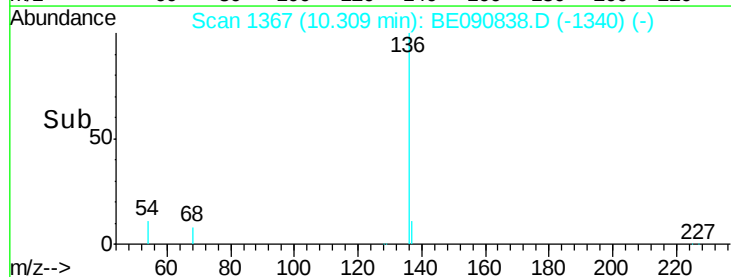
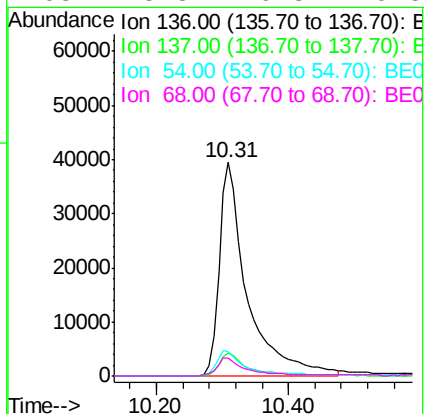
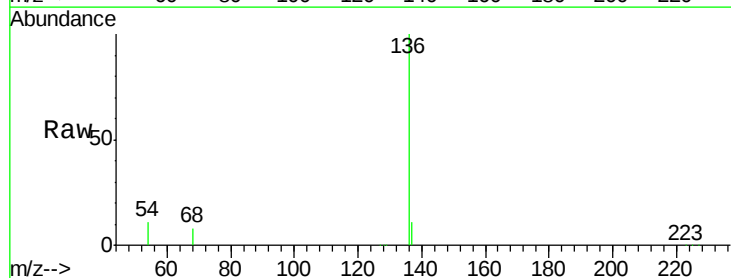
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.2 9.0 13.6

68 8.3 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.55 ng

RT: 8.72 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE090838.D

Acq: 15 Sep 2015 18:13

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-D-B

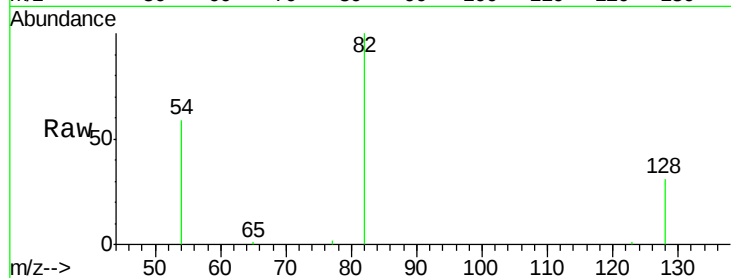
Tgt Ion: 82 Resp: 27173

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.4

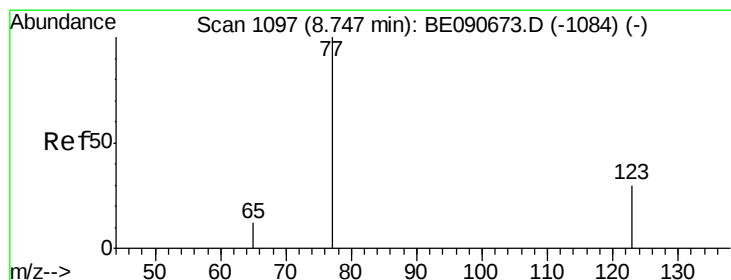
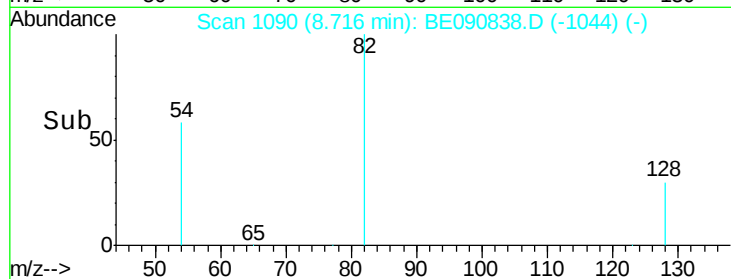
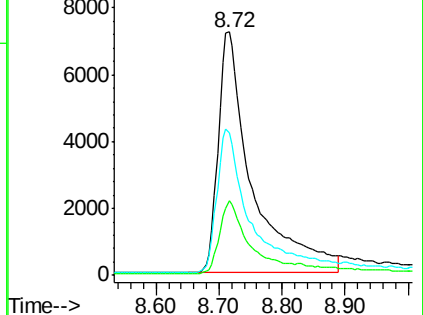
54 58.7 46.3 69.5



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: 0.12 ng

RT: 8.72 min Scan# 1090

Delta R.T. -0.03 min

Lab File: BE090838.D

Acq: 15 Sep 2015 18:13

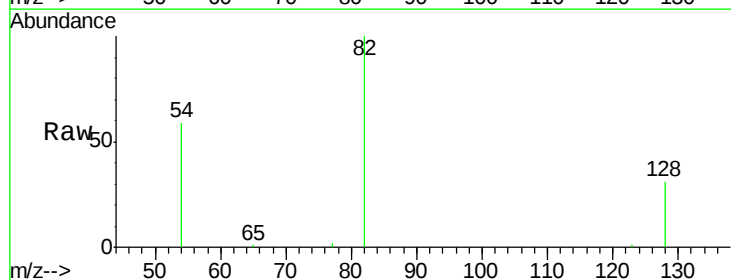
Tgt Ion: 77 Resp: 83

Ion Ratio Lower Upper

77 100

123 8.4 25.1 37.7#

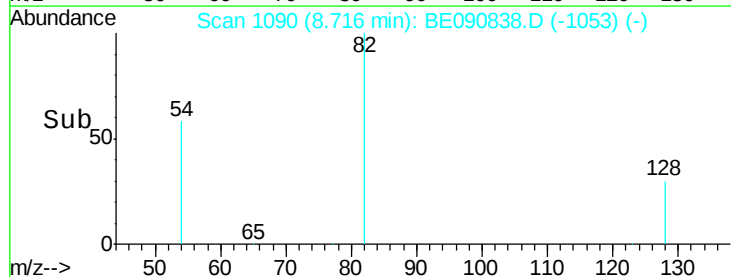
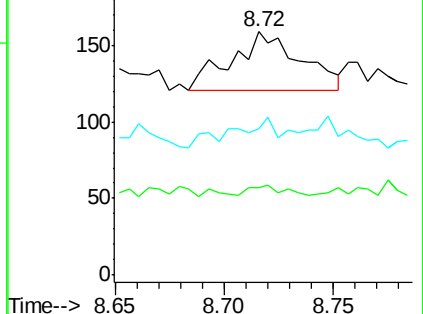
65 32.5 9.9 14.9#



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: 0.04 ng

RT: 10.36 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE090838.D

Acq: 15 Sep 2015 18:13

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-D-B

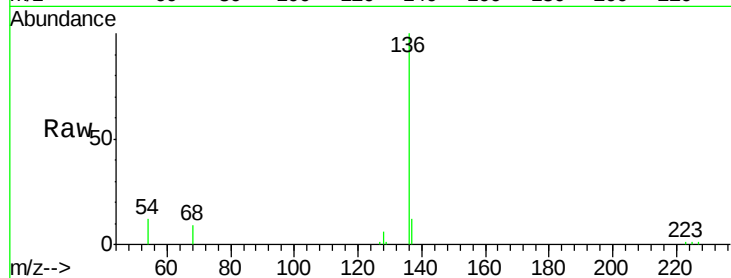
Tgt Ion:128 Resp: 1042

Ion Ratio Lower Upper

128 100

129 24.2 9.0 13.6#

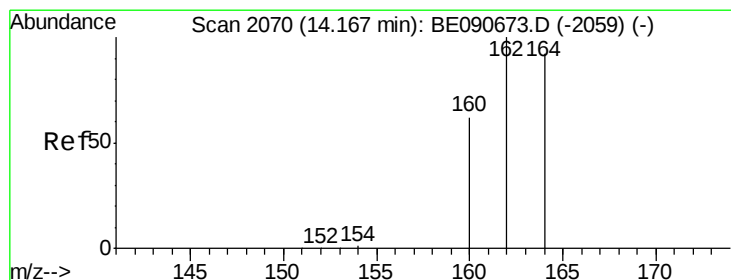
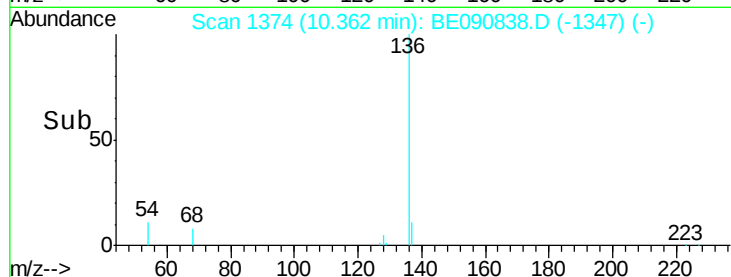
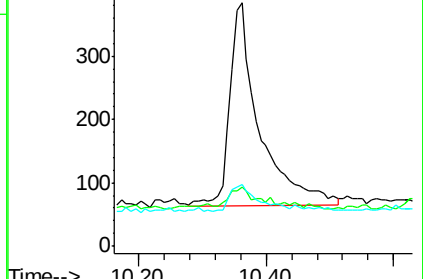
127 25.5 10.6 15.8#



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# 2071

Delta R.T. 0.00 min

Lab File: BE090838.D

Acq: 15 Sep 2015 18:13

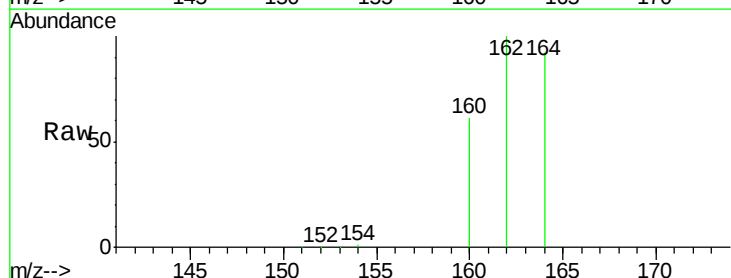
Tgt Ion:164 Resp: 59852

Ion Ratio Lower Upper

164 100

162 108.7 86.8 130.2

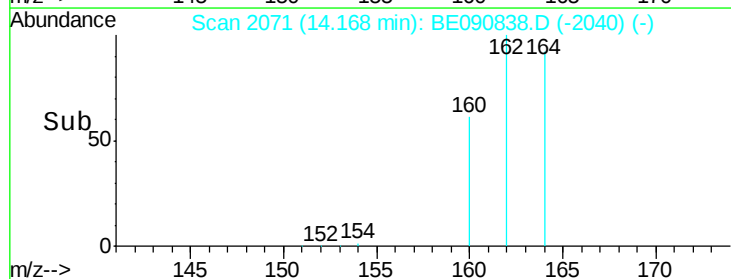
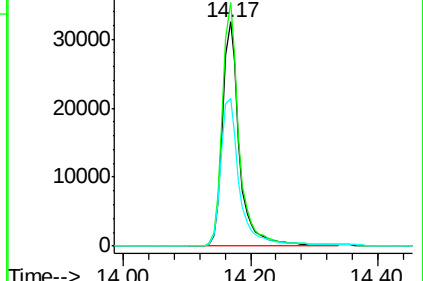
160 66.1 53.9 80.9

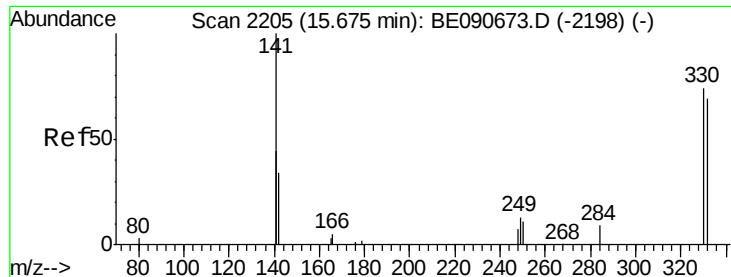


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

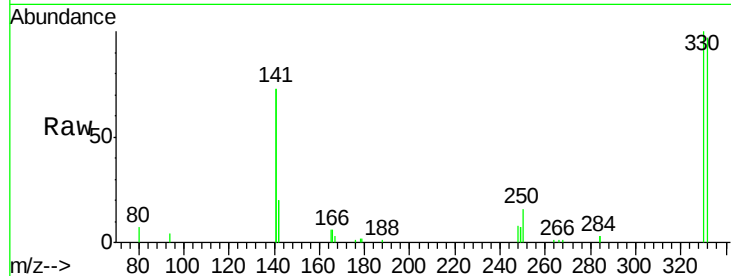




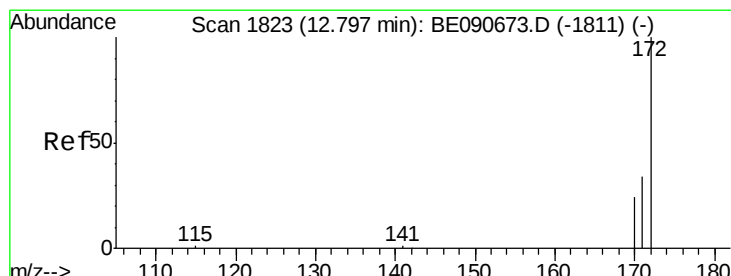
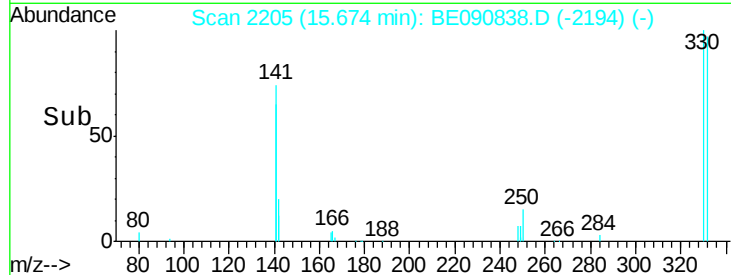
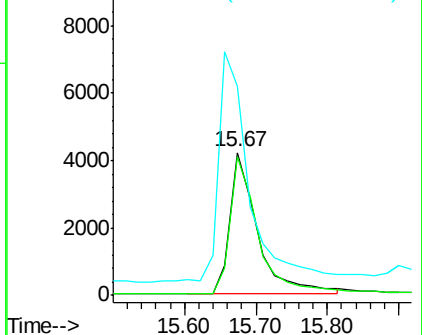
#13
 2,4,6-Tribromophenol
 Concen: 6.39 ng
 RT: 15.67 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BE090838.D
 Acq: 15 Sep 2015 18:13

Instrument :
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 091315-PRKA-F-D-B

Tgt Ion: 330 Resp: 11170
 Ion Ratio Lower Upper
 330 100
 332 98.1 74.9 112.3
 141 180.7 145.2 217.8

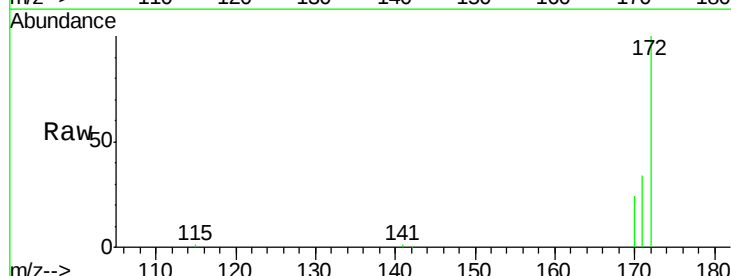


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

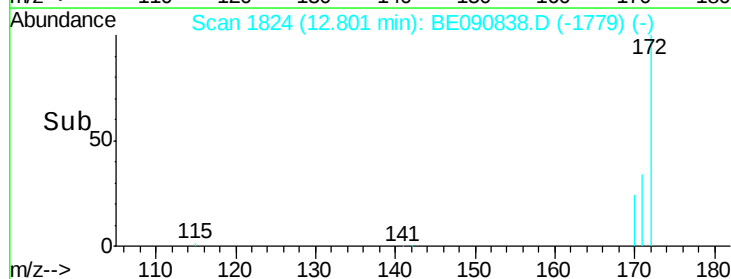
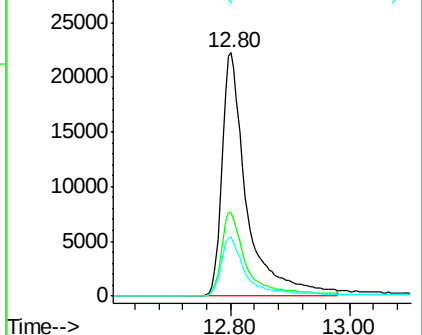


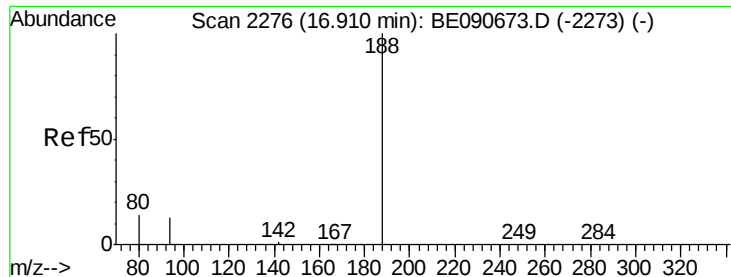
#14
 2-Fluorobiphenyl
 Concen: 3.85 ng
 RT: 12.80 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BE090838.D
 Acq: 15 Sep 2015 18:13

Tgt Ion: 172 Resp: 63857
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.8 41.8
 170 24.1 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# 2276

Delta R.T. -0.00 min

Lab File: BE090838.D

Acq: 15 Sep 2015 18:13

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-D-B

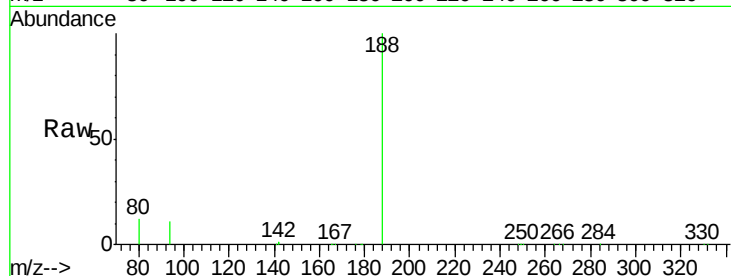
Tgt Ion:188 Resp: 163084

Ion Ratio Lower Upper

188 100

94 11.1 10.3 15.5

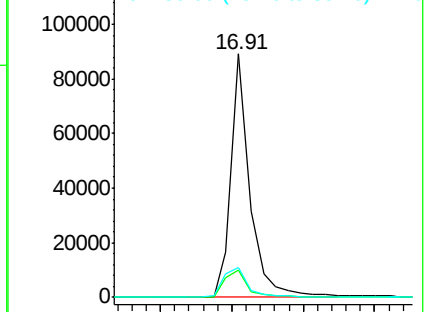
80 12.1 11.0 16.6



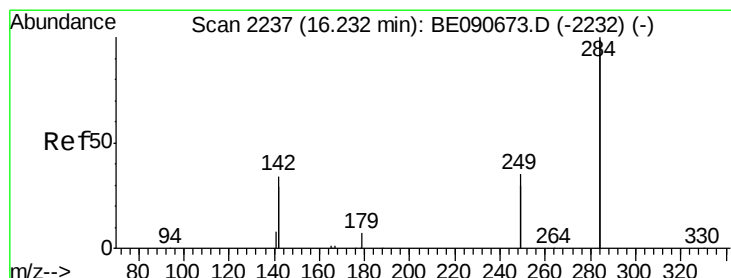
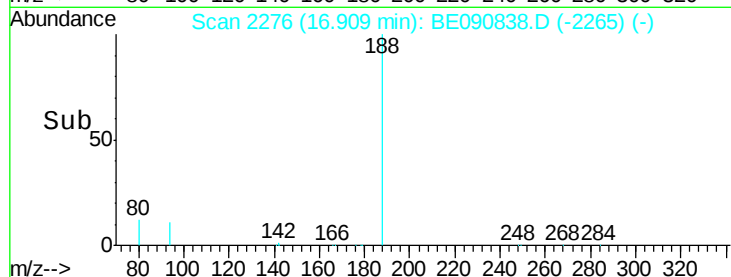
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.27 min Scan# 2239

Delta R.T. 0.03 min

Lab File: BE090838.D

Acq: 15 Sep 2015 18:13

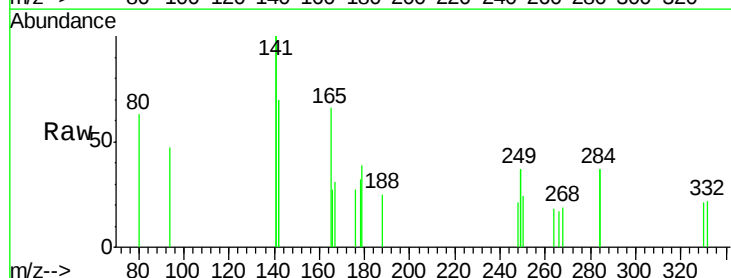
Tgt Ion:284 Resp: 10

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

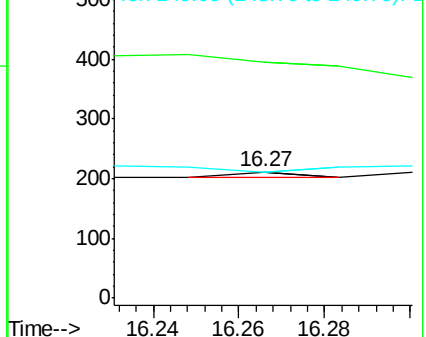
249 0.0 25.5 38.3#



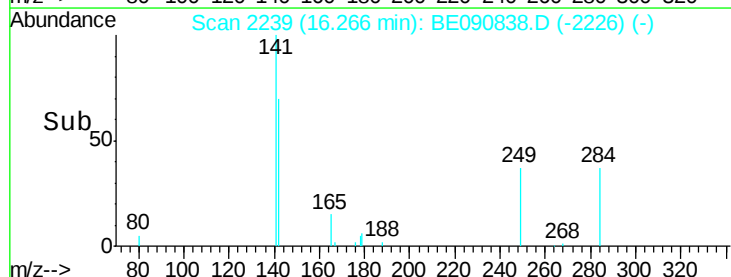
Abundance Ion 283.80 (283.50 to 284.50): E

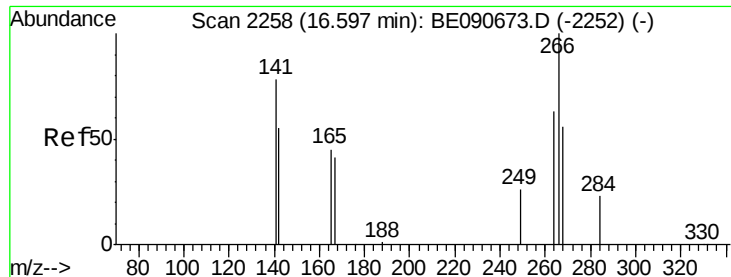
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->

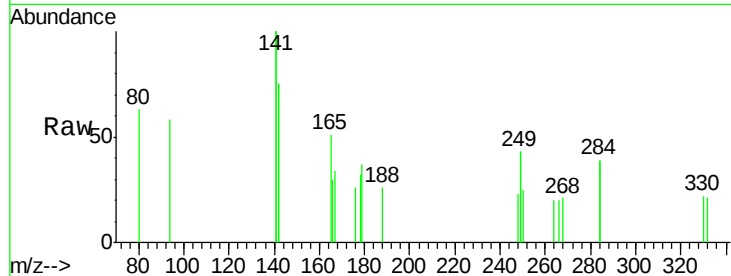




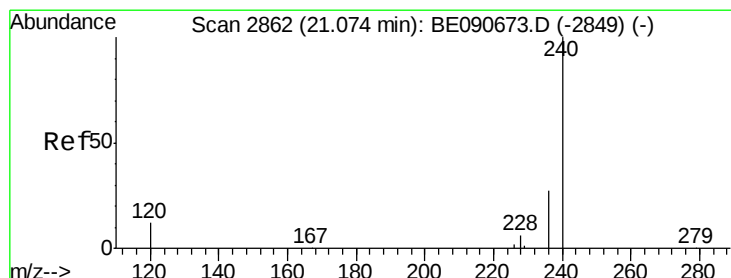
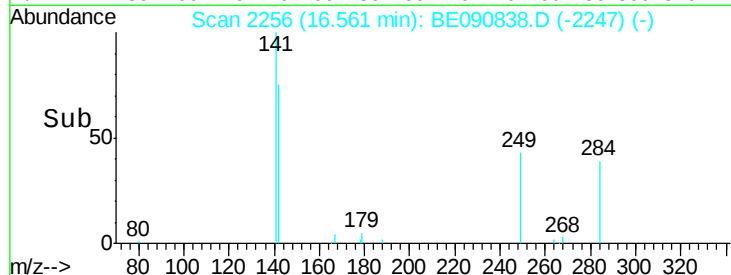
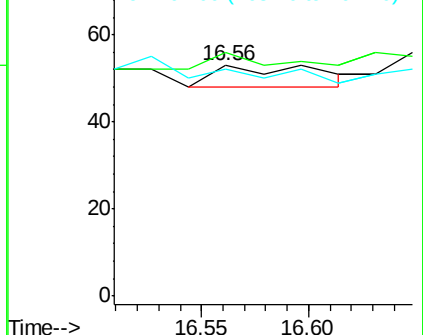
#21
 Pentachlorophenol
 Concen: 0.47 ng
 RT: 16.56 min Scan# 2256
 Delta R.T. -0.04 min
 Lab File: BE090838.D
 Acq: 15 Sep 2015 18:13

Instrument :
 BNA_E
 ClientSampleId :
 091315-PRKA-F-D-B

Tgt Ion: 266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 268 105.7 49.6 74.4#
 264 98.1 53.9 80.9#

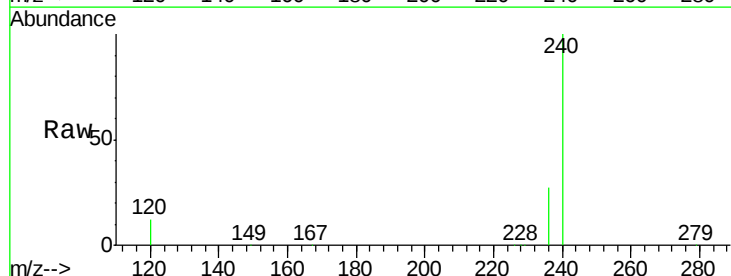


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

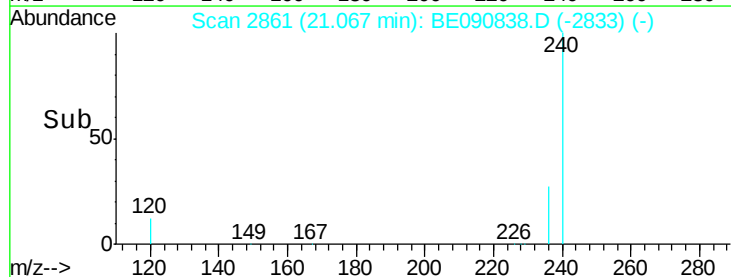
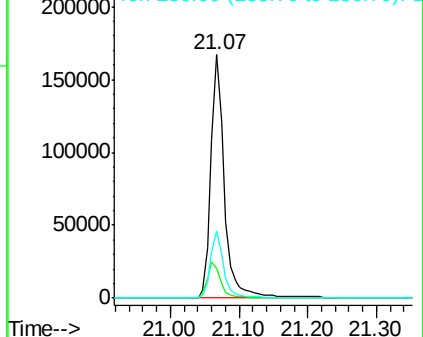


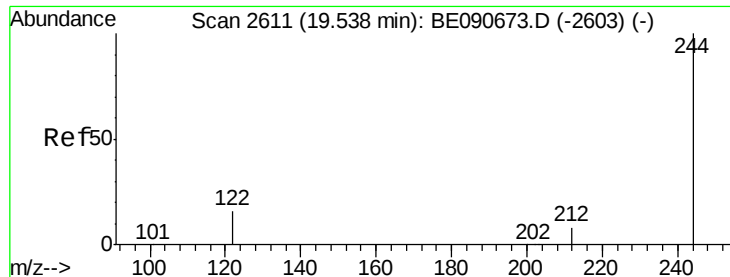
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.07 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BE090838.D
 Acq: 15 Sep 2015 18:13

Tgt Ion: 240 Resp: 229823
 Ion Ratio Lower Upper
 240 100
 120 12.5 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

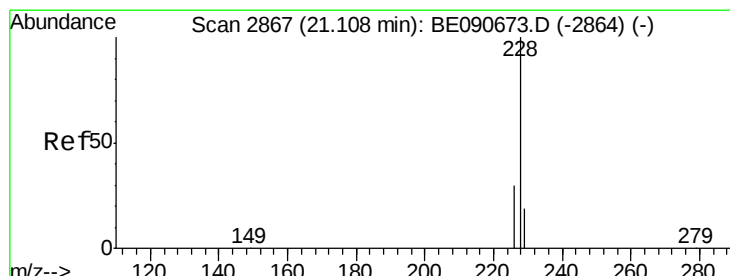
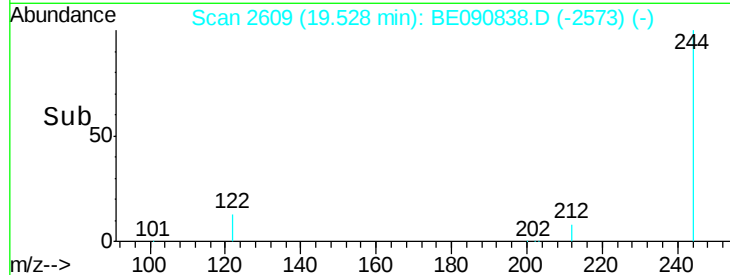
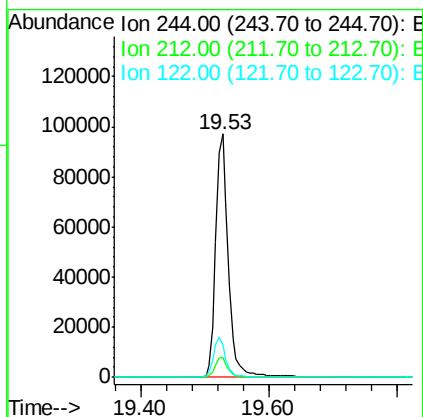
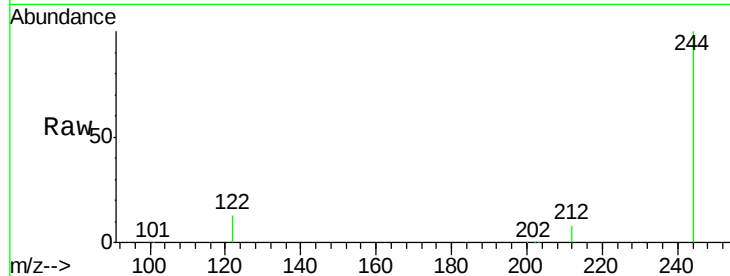




#27
 Terphenyl-d14
 Concen: 5.25 ng
 RT: 19.53 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BE090838.D
 Acq: 15 Sep 2015 18:13

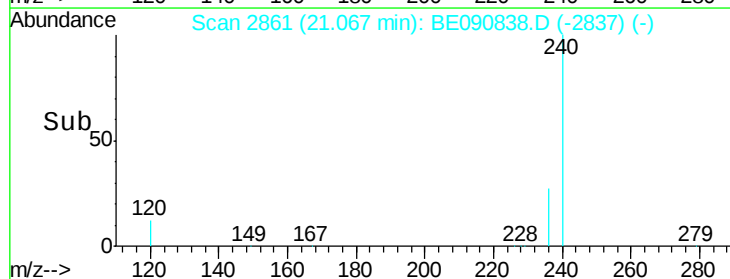
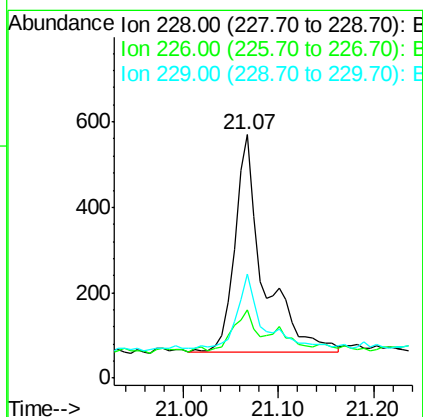
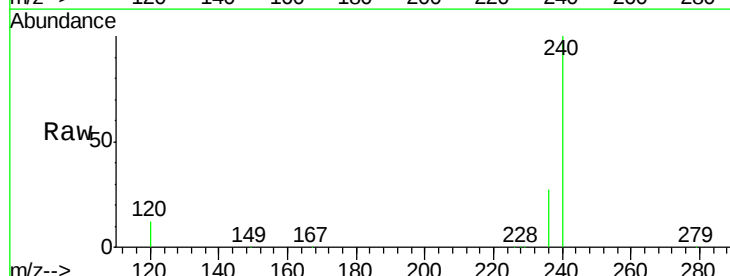
Instrument :
 BNA_E
 ClientSampleId :
 091315-PRKA-F-D-B

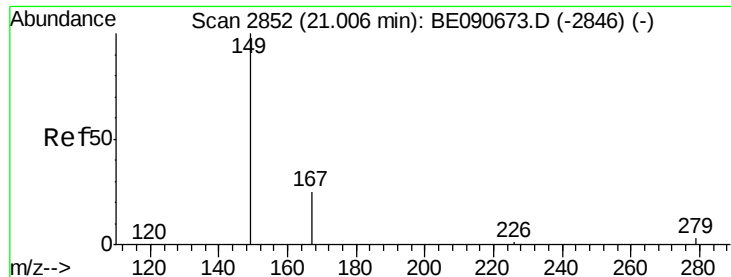
Tgt Ion: 244 Resp: 133417
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 13.3 12.9 19.3



#29
 Chrysene
 Concen: Below Cal
 RT: 21.07 min Scan# 2861
 Delta R.T. -0.04 min
 Lab File: BE090838.D
 Acq: 15 Sep 2015 18:13

Tgt Ion: 228 Resp: 1080
 Ion Ratio Lower Upper
 228 100
 226 28.1 24.2 36.4
 229 43.0 15.3 22.9#

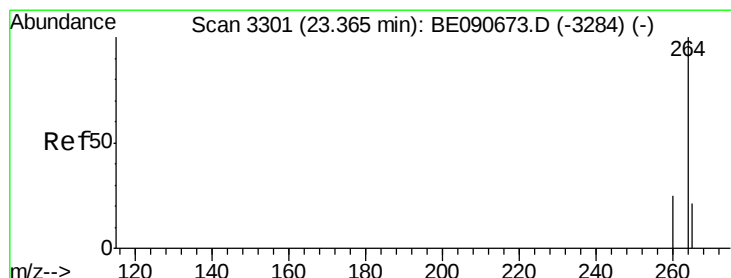
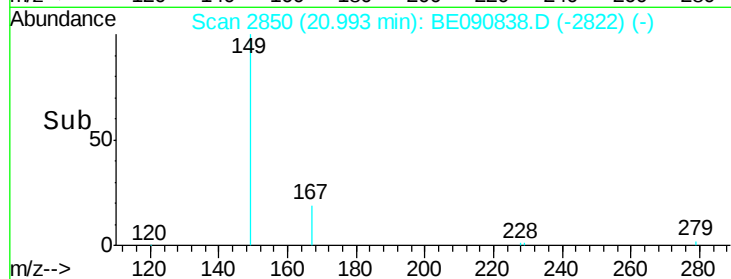
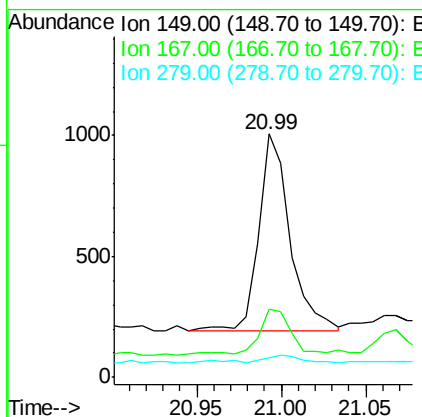
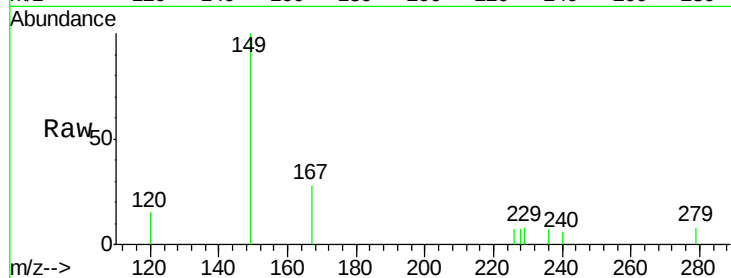




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.14 ng
 RT: 20.99 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BE090838.D
 Acq: 15 Sep 2015 18:13

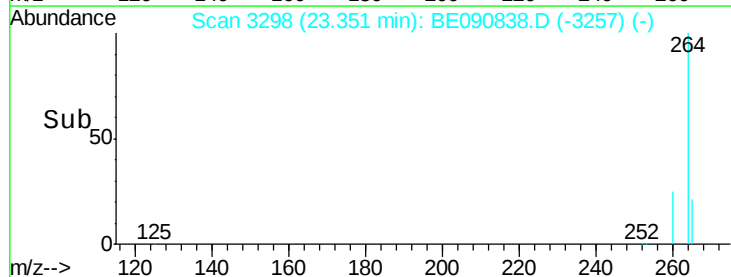
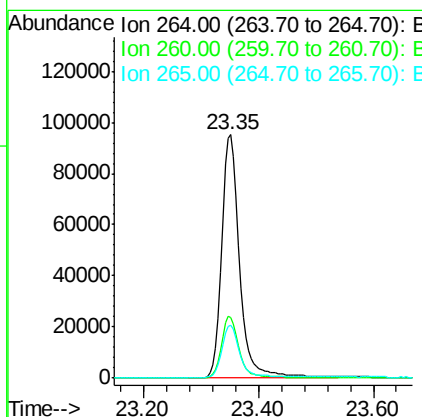
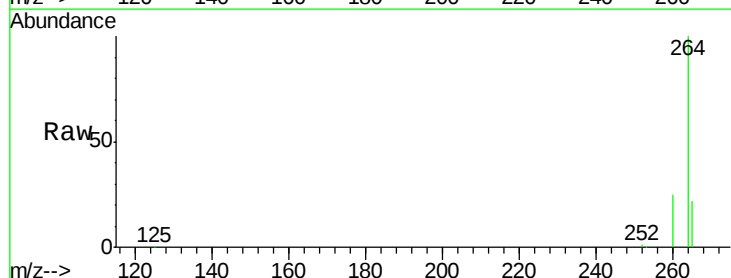
Instrument :
 BNA_E
 ClientSampleId :
 091315-PRKA-F-D-B

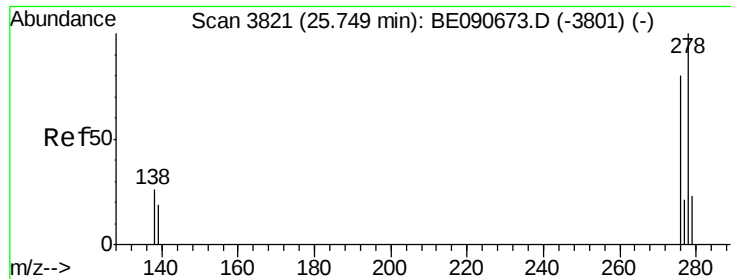
Tgt Ion:149 Resp: 1037
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.1 30.1
 279 4.2 2.3 3.5#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BE090838.D
 Acq: 15 Sep 2015 18:13

Tgt Ion:264 Resp: 210801
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 21.7 17.5 26.3





#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.73 min Scan# 3816

Delta R.T. -0.02 min

Lab File: BE090838.D

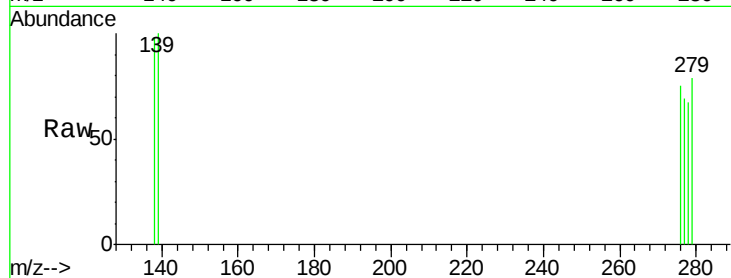
Acq: 15 Sep 2015 18:13

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-D-B



Tgt Ion: 278 Resp: 19

Ion Ratio Lower Upper

278 100

139 149.2 15.4 23.0#

279 118.5 18.8 28.2#

