

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102315\
 Data File : BE091040.D
 Acq On : 23 Oct 2015 19:09
 Operator : UM/NP
 Sample : G4143-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-07

Quant Time: Oct 24 03:49:39 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 23:56:52 2015
 Response via : Initial Calibration

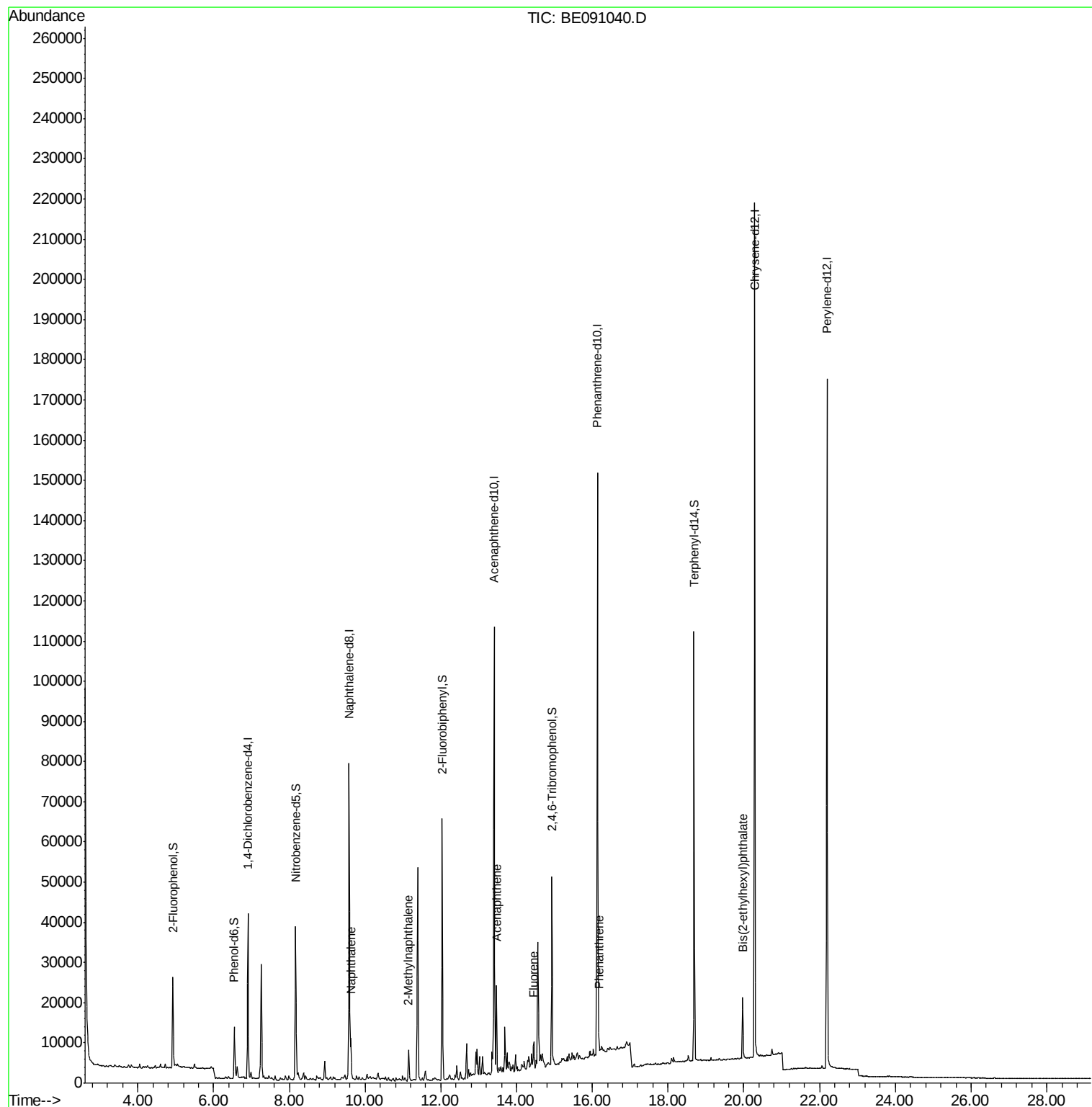
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	18799	5.00	ng	0.00
7) Naphthalene-d8	9.58	136	95542	5.00	ng	-0.01
13) Acenaphthene-d10	13.41	164	58591	5.00	ng	0.00
19) Phenanthrene-d10	16.13	188	149816	5.00	ng	0.00
26) Chrysene-d12	20.29	240	178151	5.00	ng	0.00
35) Perylene-d12	22.19	264	173477	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.93	112	15760	4.17	ng	-0.01
5) Phenol-d6	6.55	99	14201	2.95	ng	0.00
8) Nitrobenzene-d5	8.16	82	32536	5.16	ng	-0.02
14) 2,4,6-Tribromophenol	14.93	330	17511	8.61	ng	-0.01
15) 2-Fluorobiphenyl	12.04	172	60460	3.81	ng	0.00
29) Terphenyl-d14	18.68	244	103096	4.69	ng	0.00
Target Compounds						Qvalue
10) Naphthalene	9.62	128	13713	0.67	ng	98
12) 2-Methylnaphthalene	11.15	142	5472	0.45	ng	# 92
17) Acenaphthene	13.47	154	3359	0.21	ng	# 76
18) Fluorene	14.46	166	4105	0.21	ng	# 95
23) Phenanthrene	16.17	178	4262	0.06	ng	# 84
33) Bis(2-ethylhexyl)phthalate	19.97	149	16231	1.21	ng	98

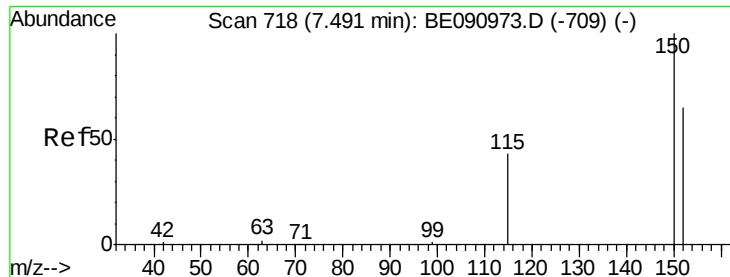
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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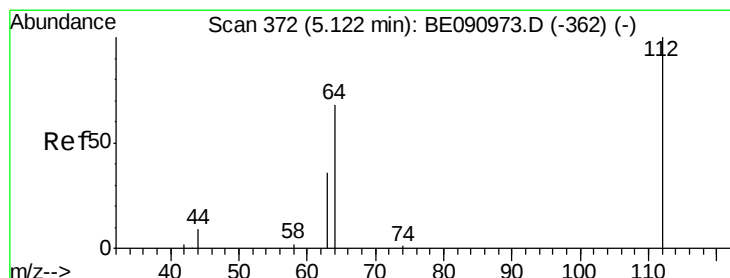
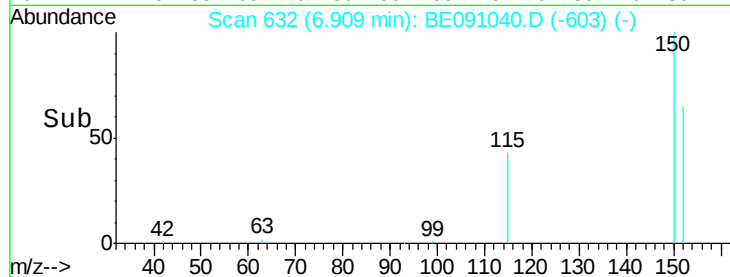
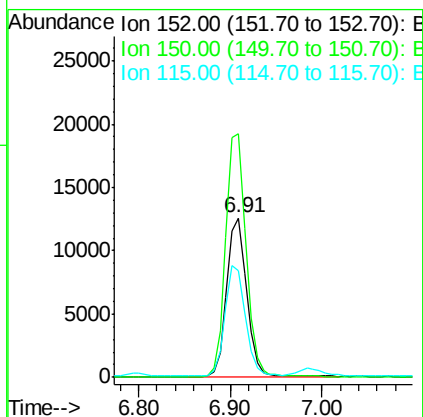
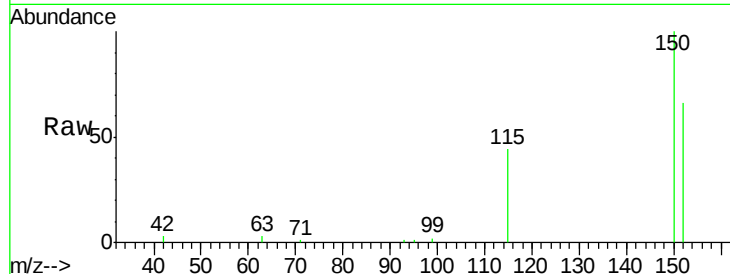




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 6.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BE091040.D
 Acq: 23 Oct 2015 19:09

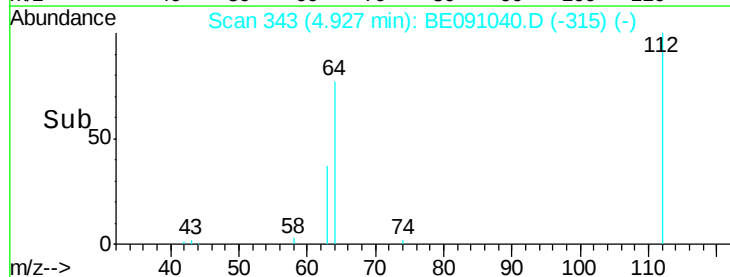
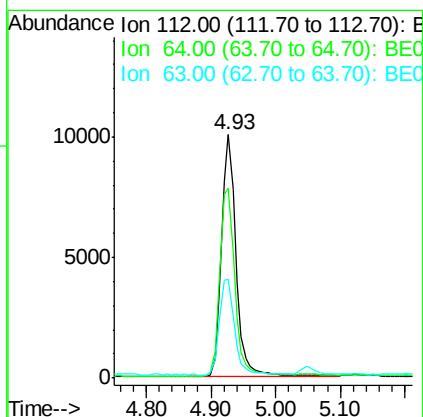
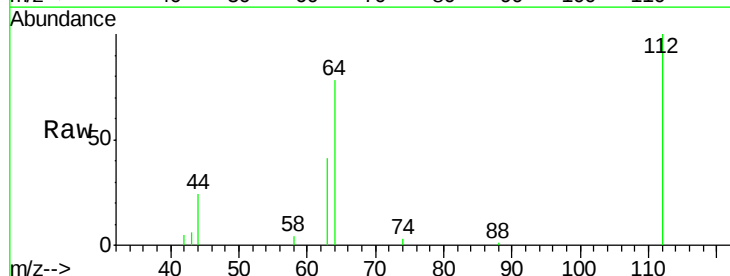
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-07

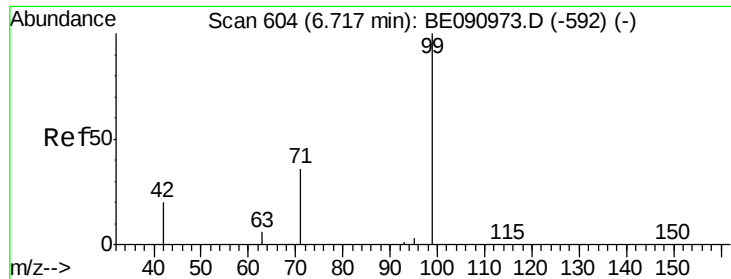
Tgt Ion:152 Resp: 18799
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.6 183.8
 115 66.6 52.8 79.2



#4
 2-Fluorophenol
 Concen: 4.17 ng
 RT: 4.93 min Scan# 343
 Delta R.T. -0.01 min
 Lab File: BE091040.D
 Acq: 23 Oct 2015 19:09

Tgt Ion:112 Resp: 15760
 Ion Ratio Lower Upper
 112 100
 64 79.3 30.9 46.3#
 63 40.6 16.7 25.1#





#5

Phenol-d6

Concen: 2.95 ng

RT: 6.55 min Scan# 579

Delta R.T. -0.01 min

Lab File: BE091040.D

Acq: 23 Oct 2015 19:09

Instrument :

BNA_E

ClientSampleId :

YT-MW-07

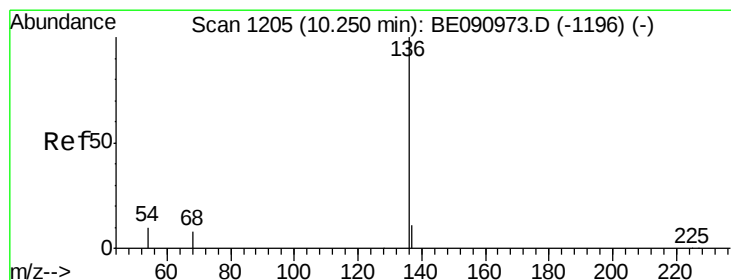
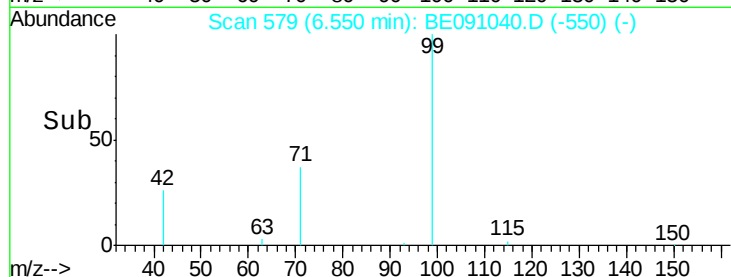
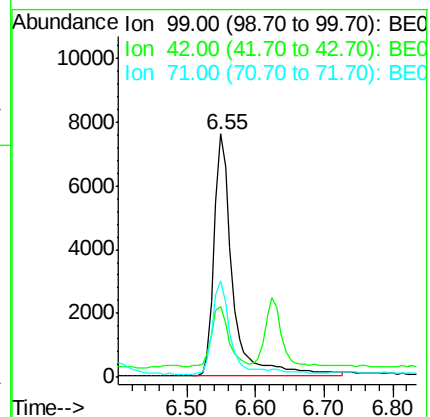
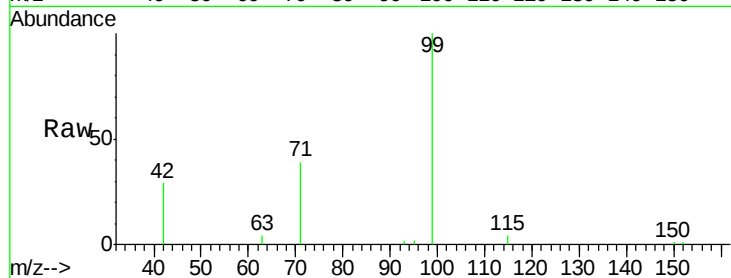
Tgt Ion: 99 Resp: 14201

Ion Ratio Lower Upper

99 100

42 23.5 16.2 24.2

71 38.6 29.0 43.4



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.58 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE091040.D

Acq: 23 Oct 2015 19:09

Tgt Ion: 136 Resp: 95542

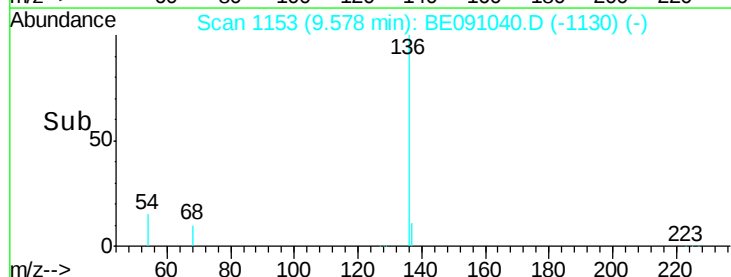
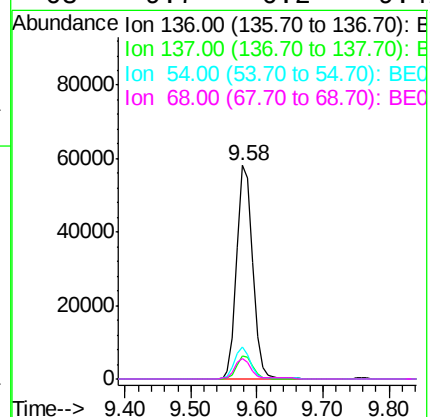
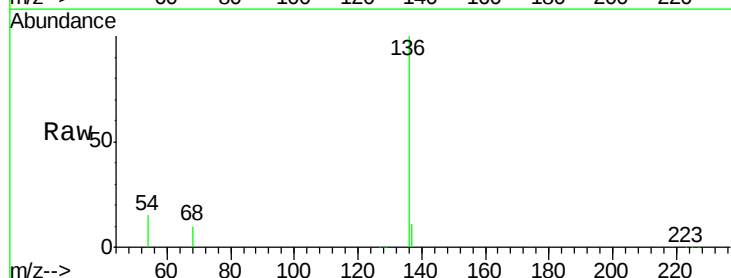
Ion Ratio Lower Upper

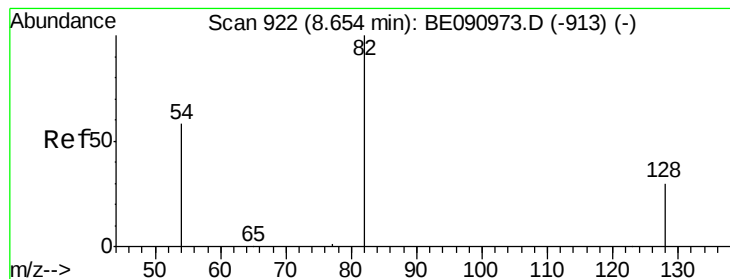
136 100

137 11.0 8.9 13.3

54 14.9 8.2 12.4#

68 9.7 6.2 9.4#





#8

Nitrobenzene-d5

Concen: 5.16 ng

RT: 8.16 min Scan# 861

Delta R.T. -0.02 min

Lab File: BE091040.D

Acq: 23 Oct 2015 19:09

Instrument :

BNA_E

ClientSampleId :

YT-MW-07

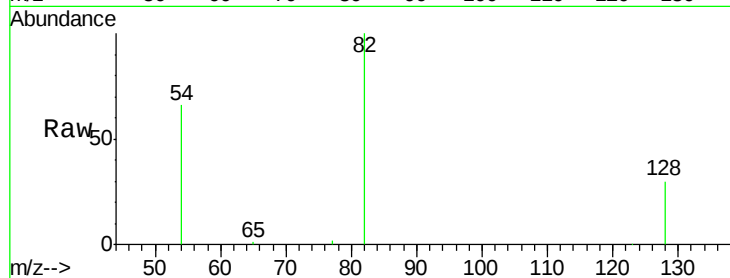
Tgt Ion: 82 Resp: 32536

Ion Ratio Lower Upper

82 100

128 29.9 25.4 38.0

54 65.7 48.4 72.6

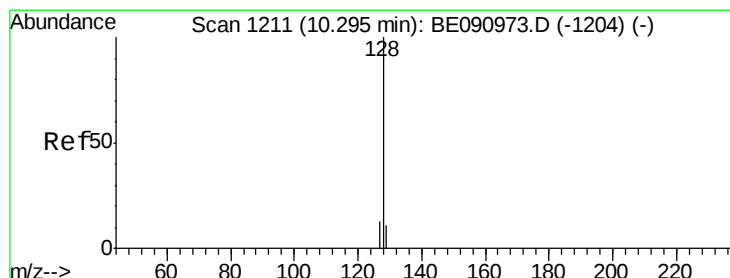
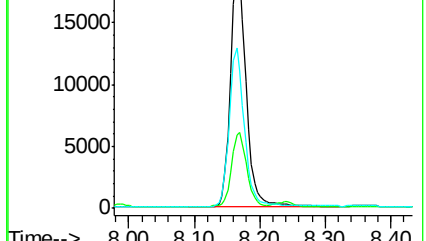
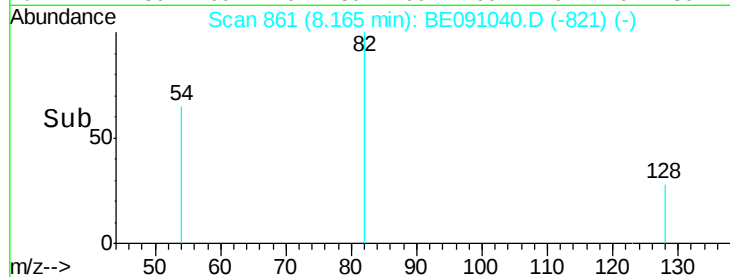


Abundance Ion 82.00 (81.70 to 82.70): BE091040.D (-821) (-)

Ion 128.00 (127.70 to 128.70): BE091040.D (-821) (-)

Ion 54.00 (53.70 to 54.70): BE091040.D (-821) (-)

Time-->



#10

Naphthalene

Concen: 0.67 ng

RT: 9.62 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE091040.D

Acq: 23 Oct 2015 19:09

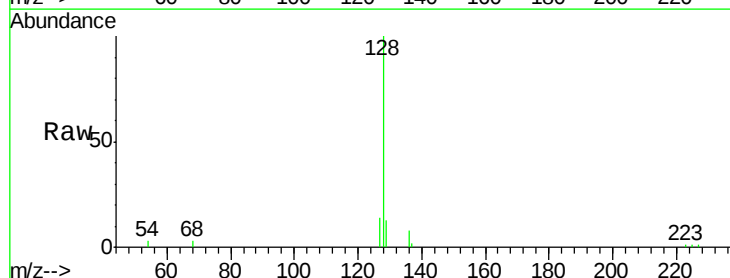
Tgt Ion: 128 Resp: 13713

Ion Ratio Lower Upper

128 100

129 13.4 9.3 13.9

127 13.5 10.7 16.1

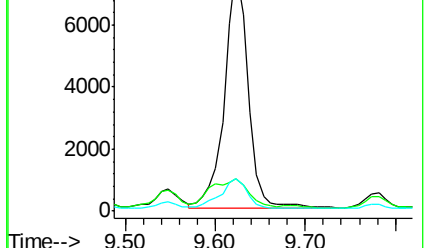
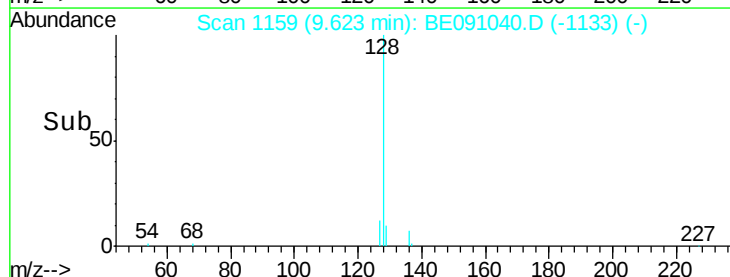


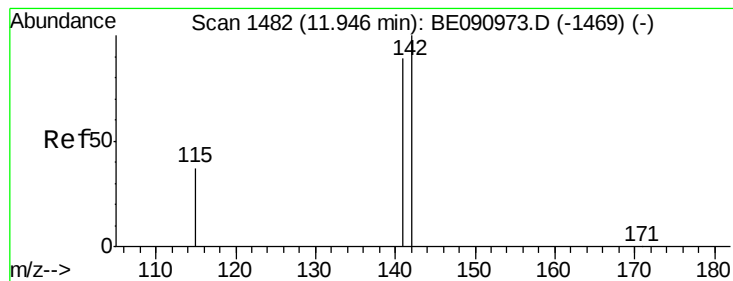
Abundance Ion 128.00 (127.70 to 128.70): BE091040.D (-1133) (-)

Ion 129.00 (128.70 to 129.70): BE091040.D (-1133) (-)

Ion 127.00 (126.70 to 127.70): BE091040.D (-1133) (-)

Time-->





#12

2-Methylnaphthalene

Concen: 0.45 ng

RT: 11.15 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BE091040.D

Acq: 23 Oct 2015 19:09

Instrument :

BNA_E

ClientSampleId :

YT-MW-07

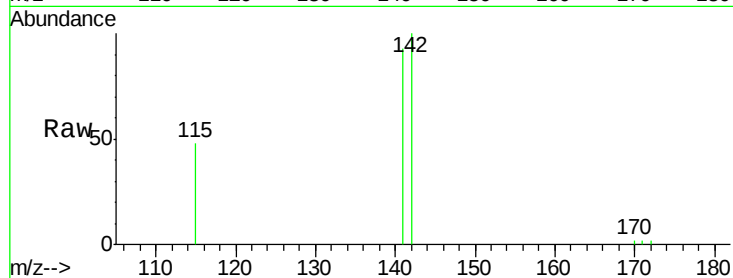
Tgt Ion:142 Resp: 5472

Ion Ratio Lower Upper

142 100

141 93.0 71.4 107.0

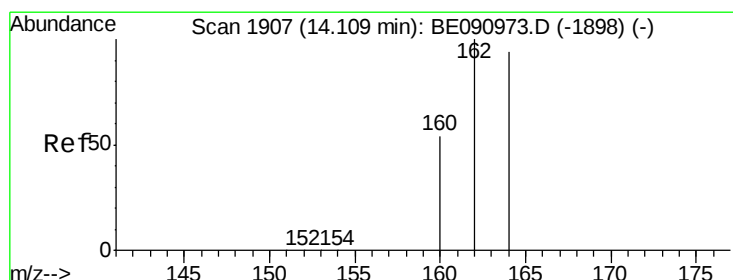
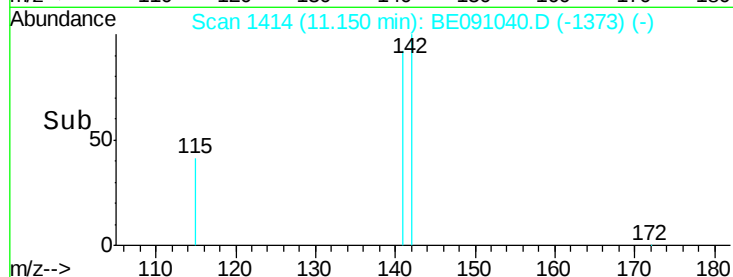
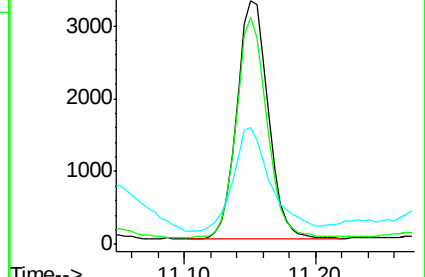
115 48.1 30.3 45.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.41 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BE091040.D

Acq: 23 Oct 2015 19:09

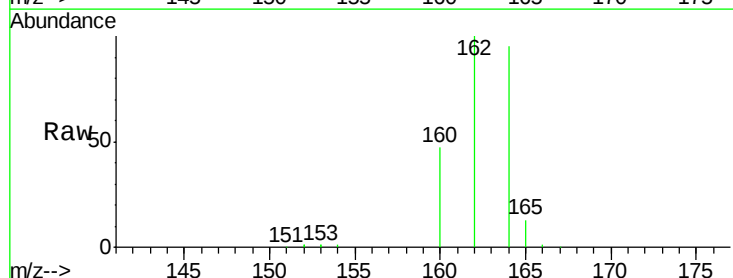
Tgt Ion:164 Resp: 58591

Ion Ratio Lower Upper

164 100

162 105.4 85.3 127.9

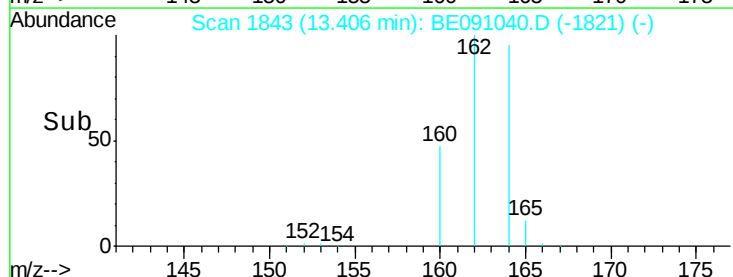
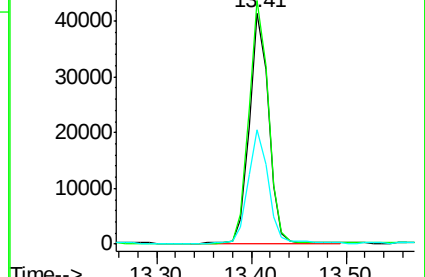
160 49.8 46.2 69.2

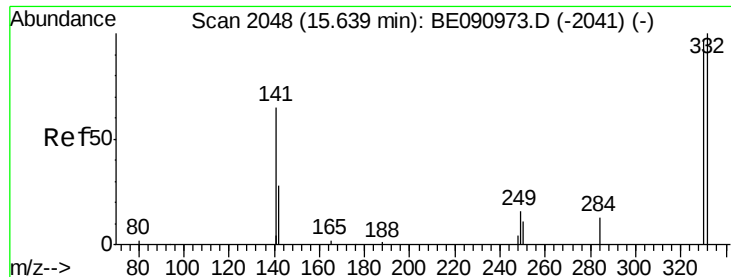


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

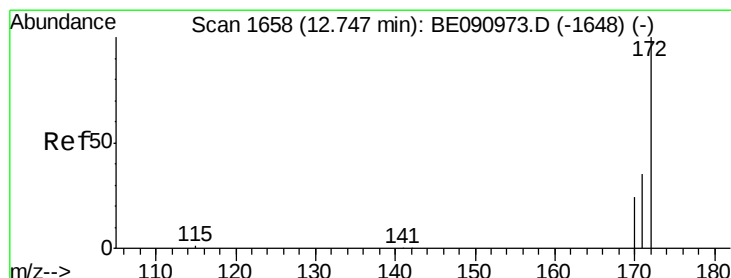
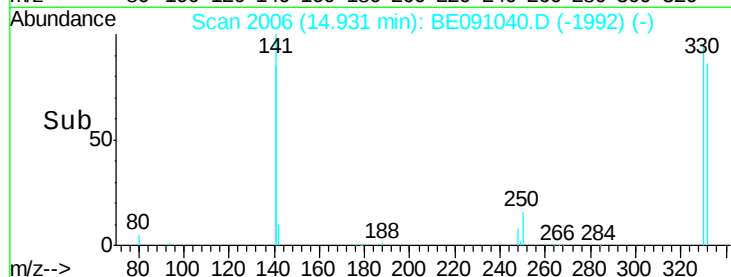
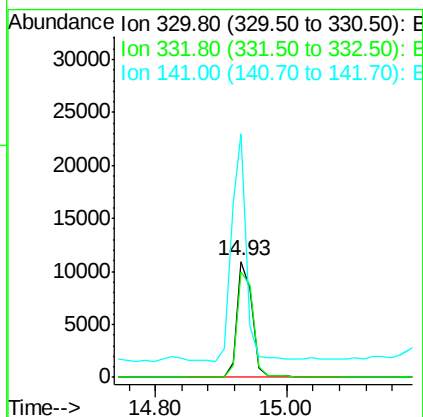
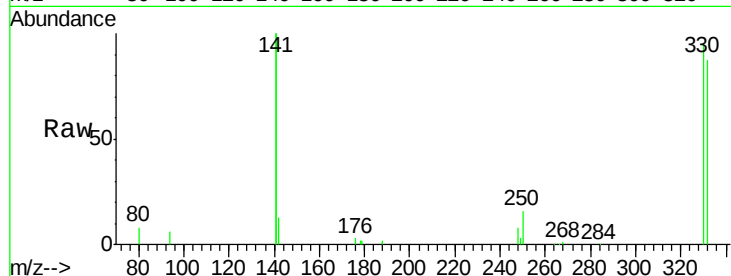




#14
 2,4,6-Tribromophenol
 Concen: 8.61 ng
 RT: 14.93 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BE091040.D
 Acq: 23 Oct 2015 19:09

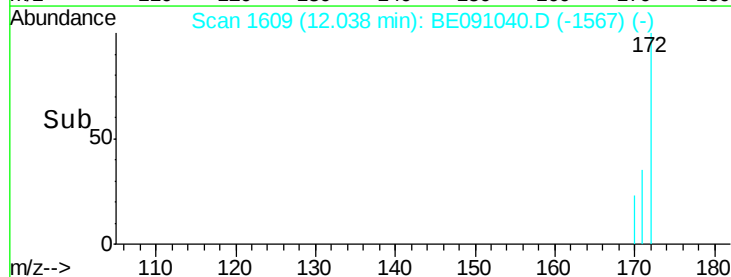
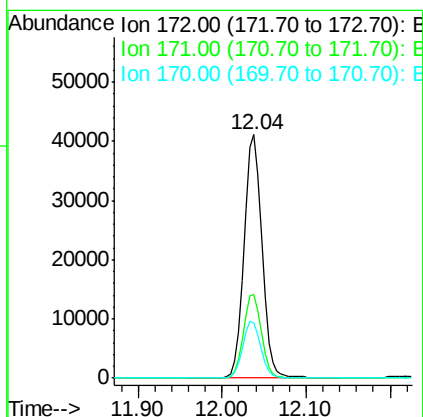
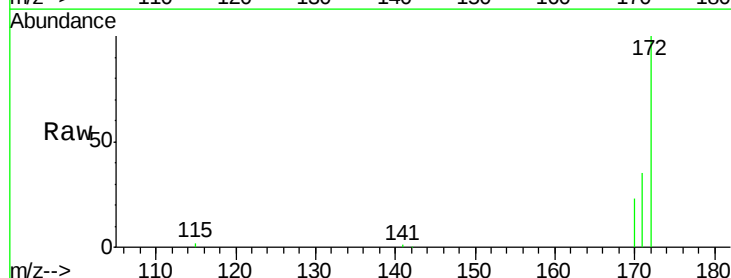
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-07

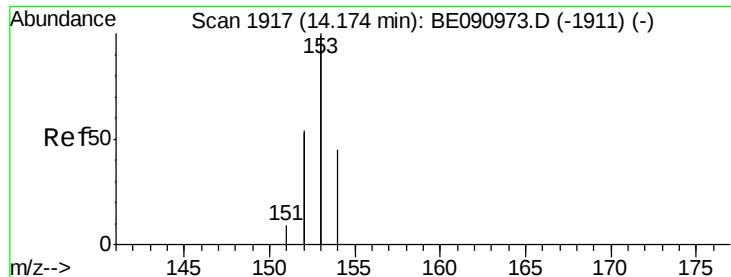
Tgt Ion:330 Resp: 17511
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.1 118.7
 141 191.9 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.81 ng
 RT: 12.04 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BE091040.D
 Acq: 23 Oct 2015 19:09

Tgt Ion:172 Resp: 60460
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.8 43.2
 170 23.0 19.3 28.9





#17

Acenaphthene

Concen: 0.21 ng

RT: 13.47 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BE091040.D

Acq: 23 Oct 2015 19:09

Instrument :

BNA_E

ClientSampleId :

YT-MW-07

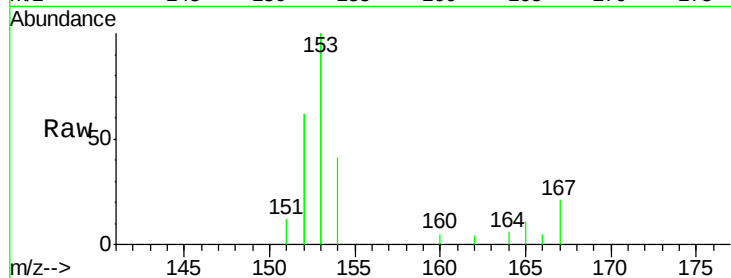
Tgt Ion:154 Resp: 3359

Ion Ratio Lower Upper

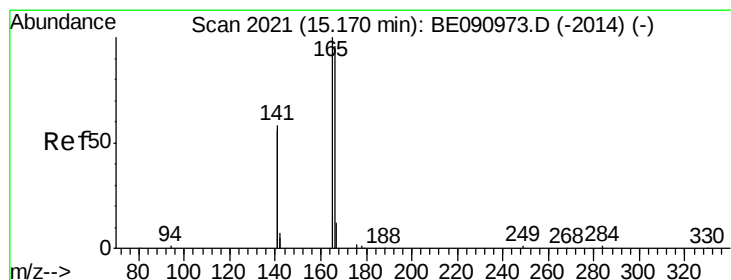
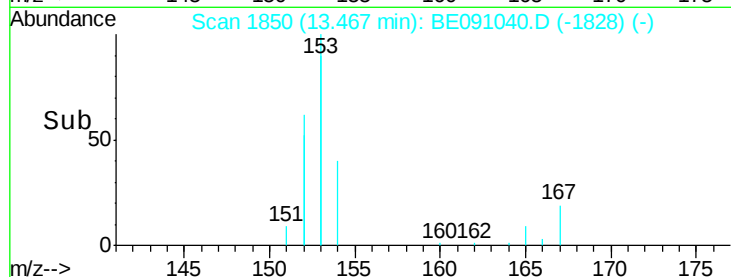
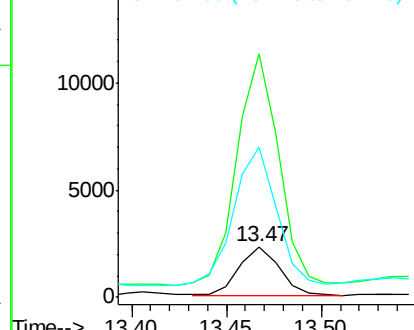
154 100

153 490.7 352.0 528.0

152 304.5 200.0 300.0#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.21 ng

RT: 14.46 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE091040.D

Acq: 23 Oct 2015 19:09

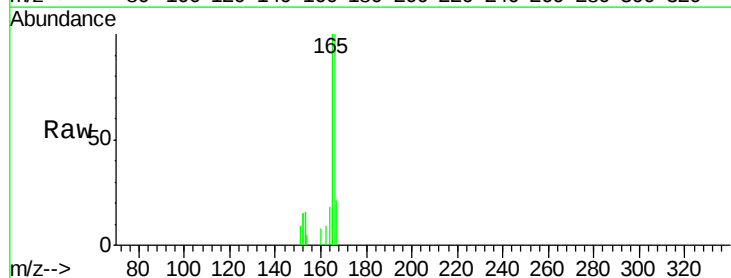
Tgt Ion:166 Resp: 4105

Ion Ratio Lower Upper

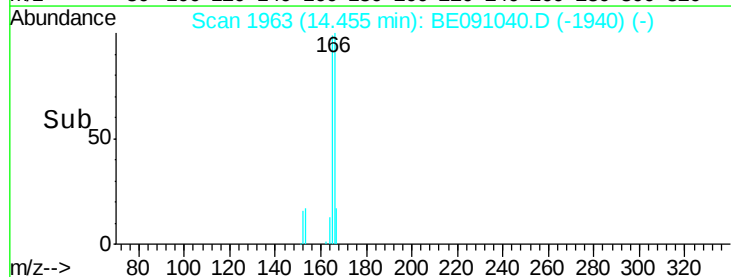
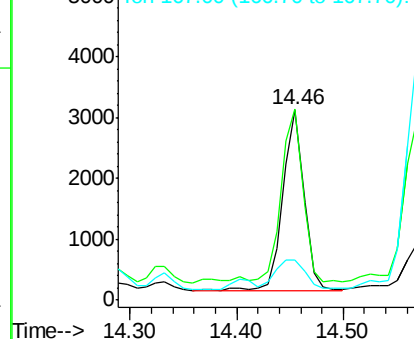
166 100

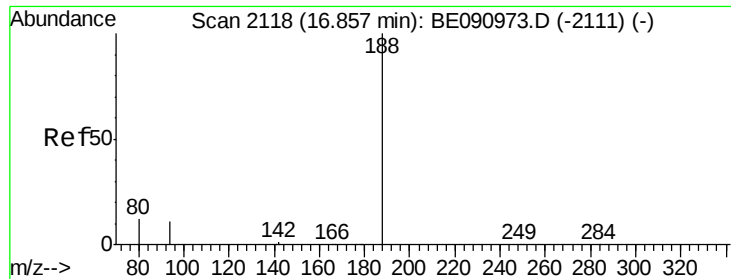
165 97.4 80.8 121.2

167 21.6 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.13 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BE091040.D

Acq: 23 Oct 2015 19:09

Instrument :

BNA_E

ClientSampleId :

YT-MW-07

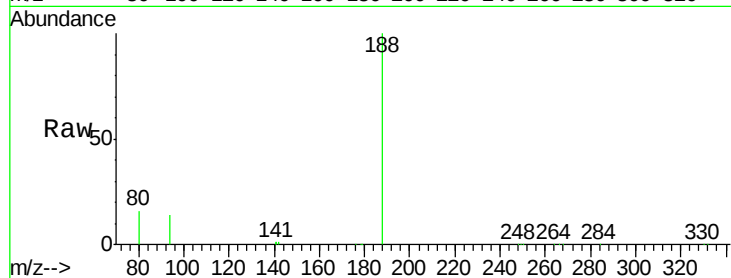
Tgt Ion:188 Resp: 149816

Ion Ratio Lower Upper

188 100

94 14.0 8.7 13.1#

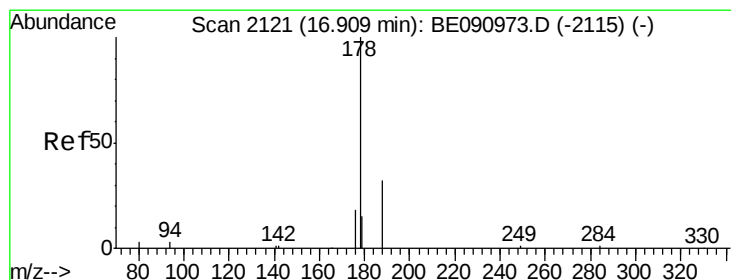
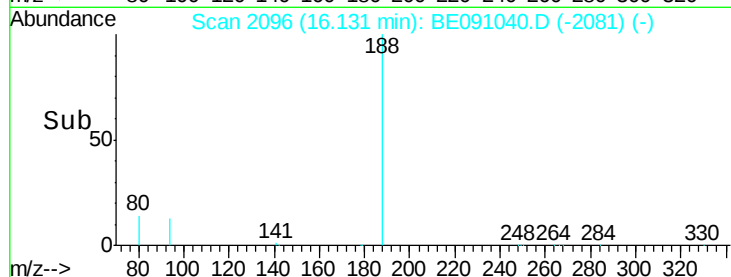
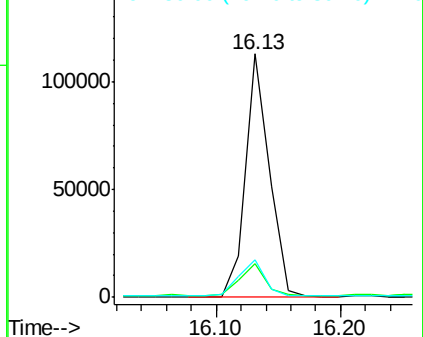
80 15.6 9.4 14.0#



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



#23

Phenanthrene

Concen: 0.06 ng

RT: 16.17 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BE091040.D

Acq: 23 Oct 2015 19:09

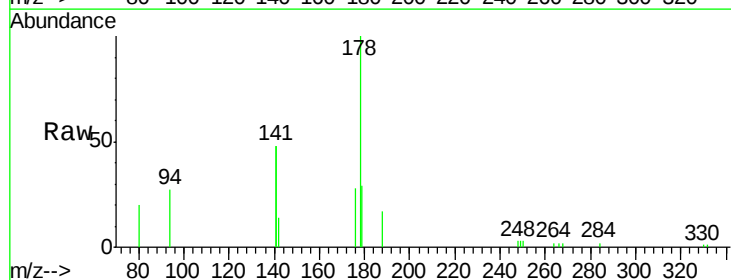
Tgt Ion:178 Resp: 4262

Ion Ratio Lower Upper

178 100

176 23.1 15.3 22.9#

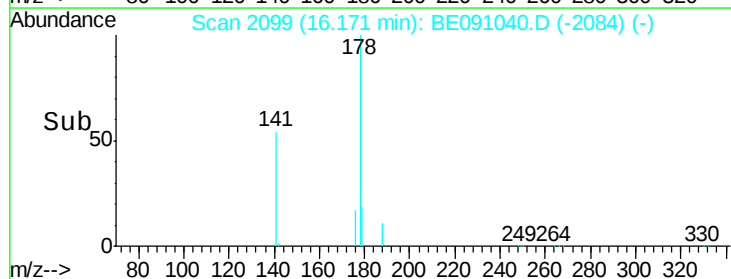
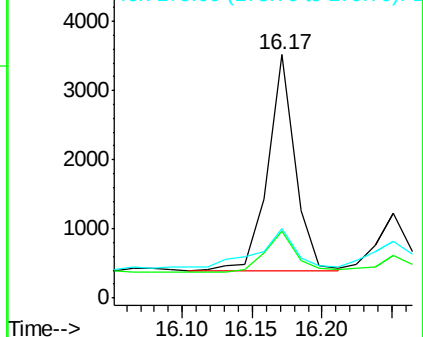
179 26.5 12.6 18.8#

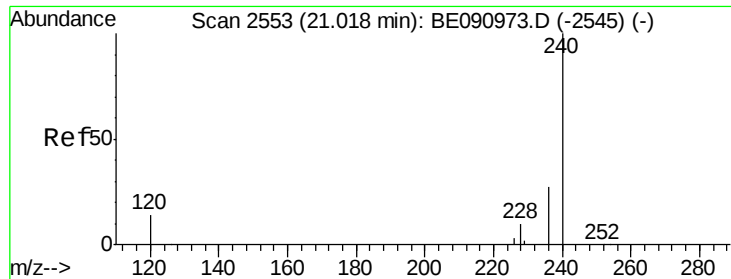


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#26

Chrysene-d12

Concen: 5.00 ng

RT: 20.29 min Scan# 2567

Delta R.T. -0.00 min

Lab File: BE091040.D

Acq: 23 Oct 2015 19:09

Instrument :

BNA_E

ClientSampleId :

YT-MW-07

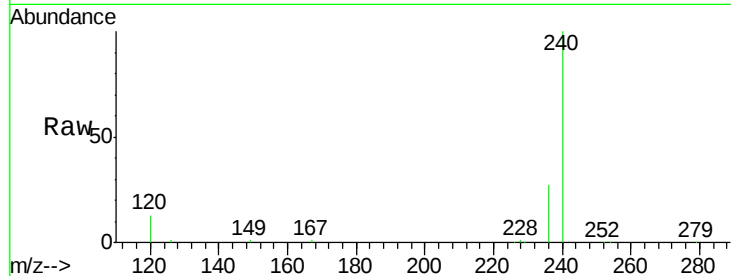
Tgt Ion:240 Resp: 178151

Ion Ratio Lower Upper

240 100

120 12.5 11.0 16.4

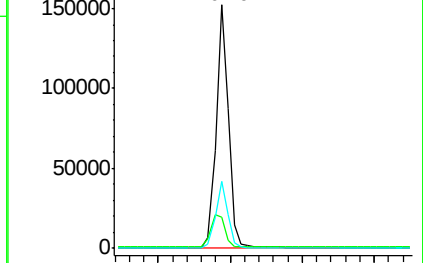
236 27.3 21.7 32.5



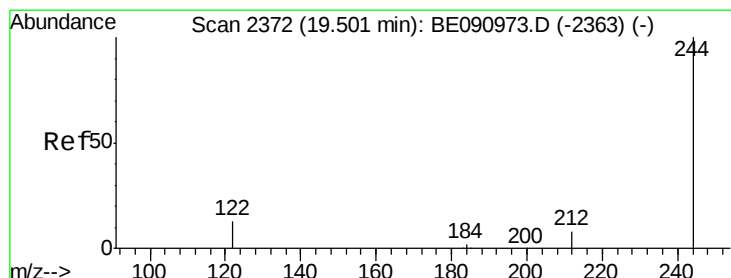
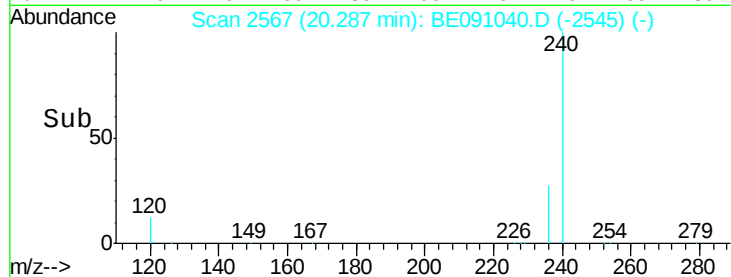
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#29

Terphenyl-d14

Concen: 4.69 ng

RT: 18.68 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BE091040.D

Acq: 23 Oct 2015 19:09

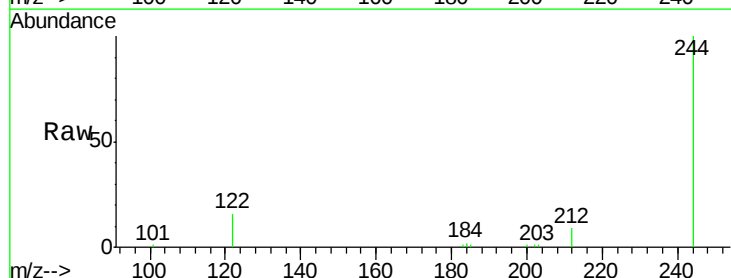
Tgt Ion:244 Resp: 103096

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

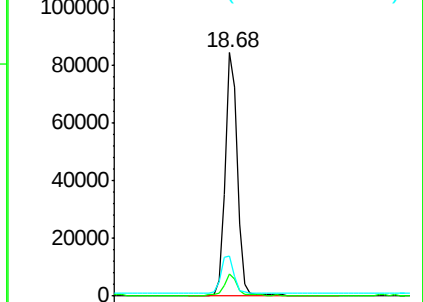
122 16.5 11.0 16.4#



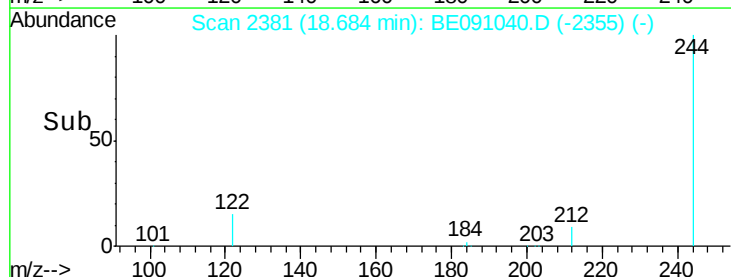
Abundance Ion 244.00 (243.70 to 244.70): E

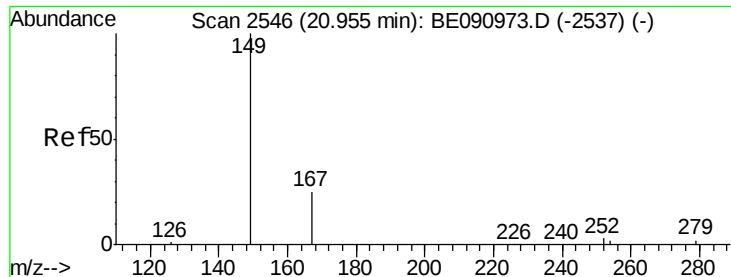
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

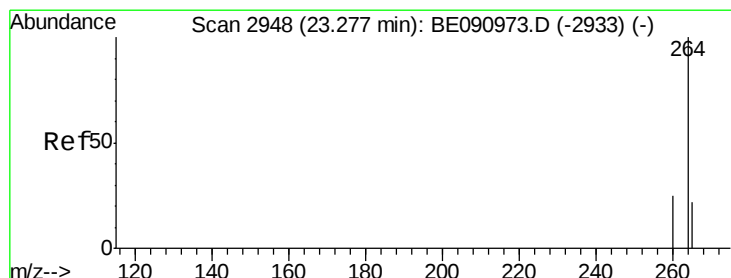
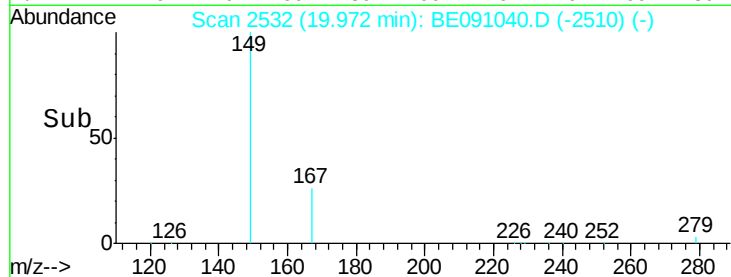
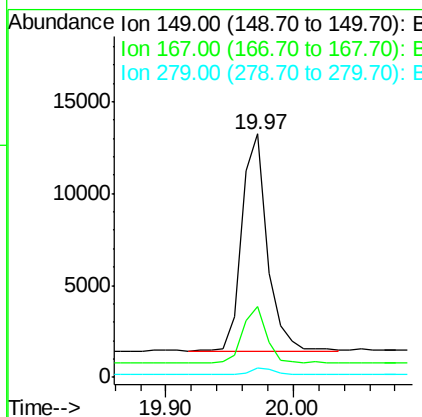
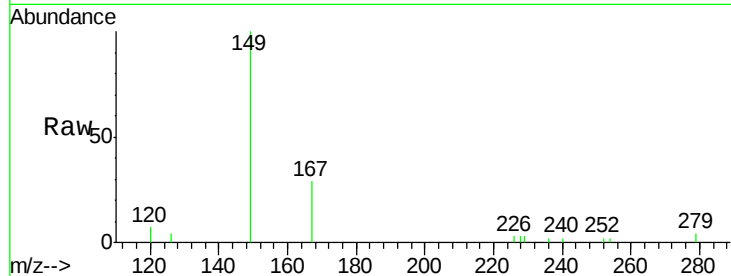




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 1.21 ng
 RT: 19.97 min Scan# 2532
 Delta R.T. -0.00 min
 Lab File: BE091040.D
 Acq: 23 Oct 2015 19:09

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-07

Tgt Ion:149 Resp: 16231
 Ion Ratio Lower Upper
 149 100
 167 25.7 19.5 29.3
 279 2.9 2.3 3.5



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 22.19 min Scan# 2904
 Delta R.T. 0.00 min
 Lab File: BE091040.D
 Acq: 23 Oct 2015 19:09

Tgt Ion:264 Resp: 173477
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.0 30.0
 265 22.3 17.5 26.3

