

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
 Data File : BE090172.D
 Acq On : 18 Jul 2015 8:24
 Operator : TP/IZ
 Sample : G3009-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515

Quant Time: Jul 20 04:58:47 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	9069	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	43584	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	24941	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	64346	5.00	ng	0.00
25) Chrysene-d12	21.11	240	70621	5.00	ng	0.00
32) Perylene-d12	23.43	264	70599	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	747	0.35	ng	0.00
5) Phenol-d6	6.80	99	589	0.21	ng	0.00
7) Nitrobenzene-d5	8.75	82	1313	0.45	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	614	1.04	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	3924	0.53	ng	0.00
27) Terphenyl-d14	19.58	244	7562	0.64	ng	0.00

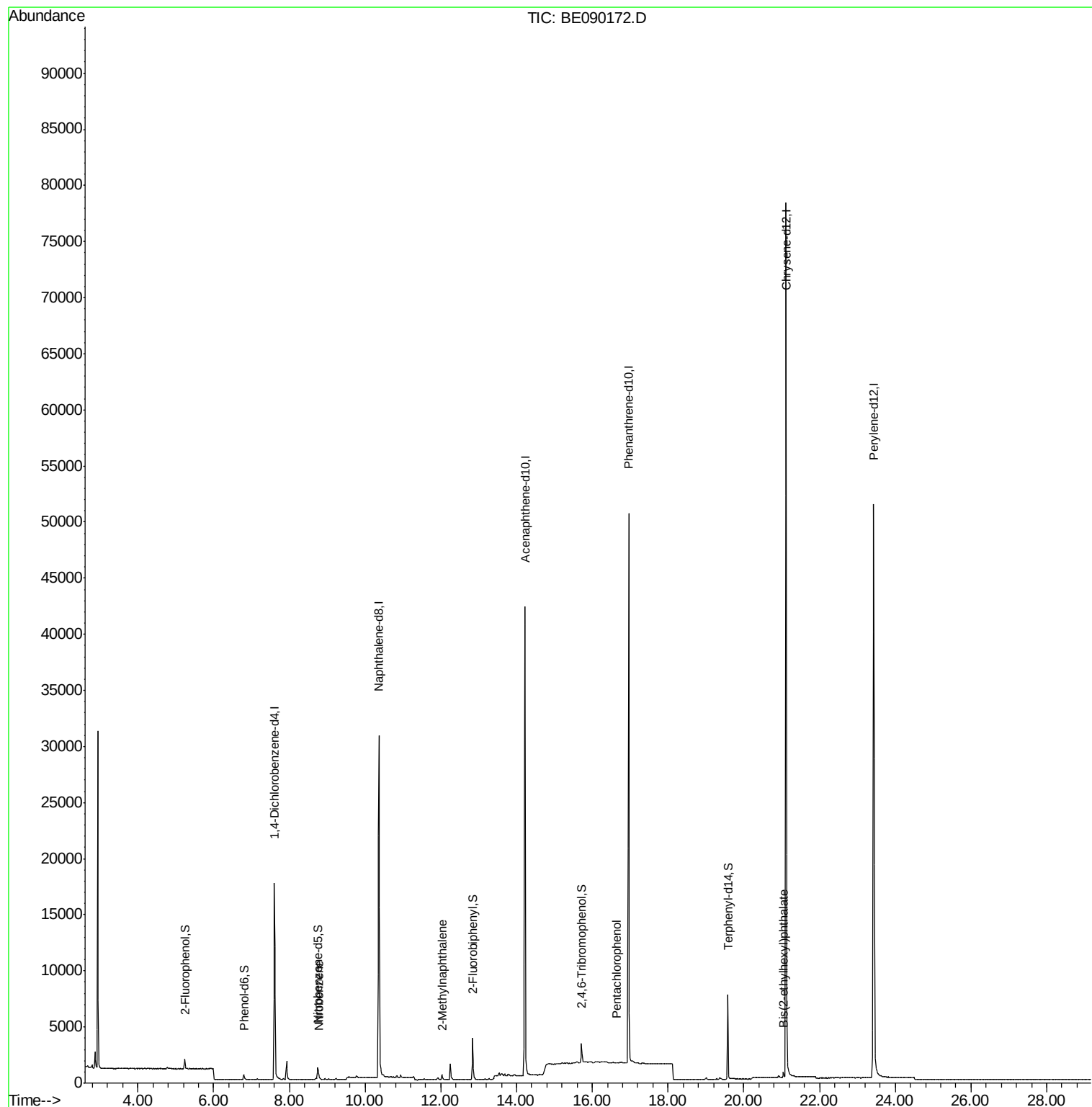
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	8	Below Cal	#	22
8) Nitrobenzene	8.79	77	93	0.03	ng	9
11) 2-Methylnaphthalene	12.03	142	387	0.06	ng	90
21) Pentachlorophenol	16.63	266	11	0.31	ng	63
30) Bis(2-ethylhexyl)phthalate	21.05	149	428	0.05	ng	99

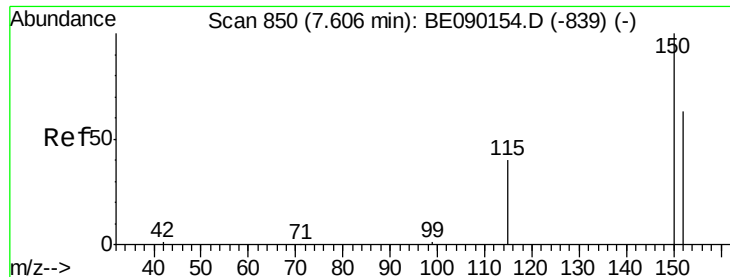
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. 0.00 min

Lab File: BE090172.D

Acq: 18 Jul 2015 8:24

Instrument :

BNA_E

ClientSampleId :

MW-01-071515

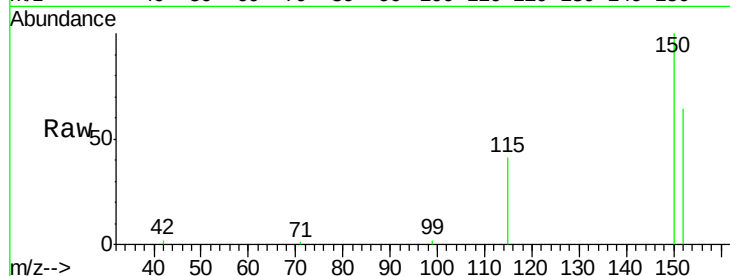
Tgt Ion: 152 Resp: 9069

Ion Ratio Lower Upper

152 100

150 155.9 127.2 190.8

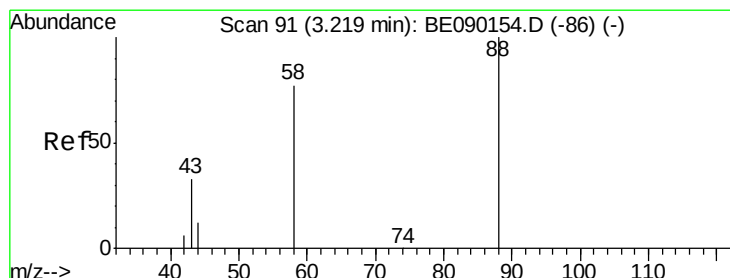
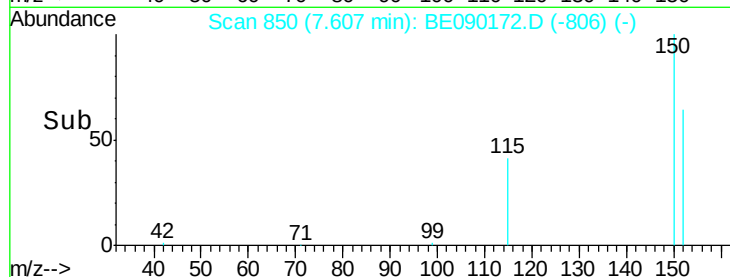
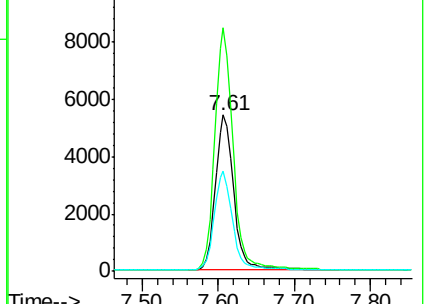
115 63.9 51.6 77.4



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: 3.26 min Scan# 97

Delta R.T. 0.04 min

Lab File: BE090172.D

Acq: 18 Jul 2015 8:24

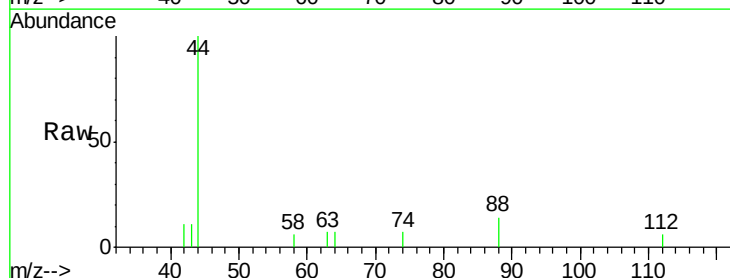
Tgt Ion: 88 Resp: 8

Ion Ratio Lower Upper

88 100

58 0.0 58.2 87.2#

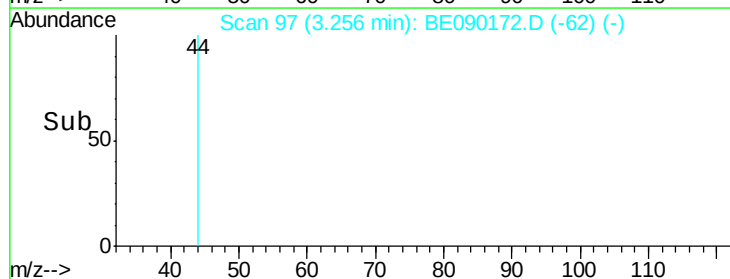
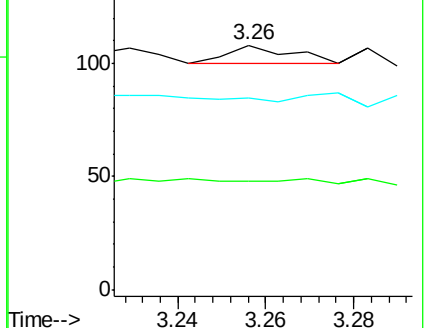
43 0.0 27.7 41.5#

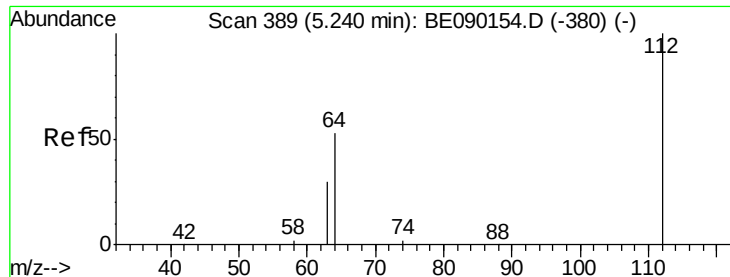


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.35 ng

RT: 5.24 min Scan# 389

Delta R.T. -0.00 min

Lab File: BE090172.D

Acq: 18 Jul 2015 8:24

Instrument :

BNA_E

ClientSampleId :

MW-01-071515

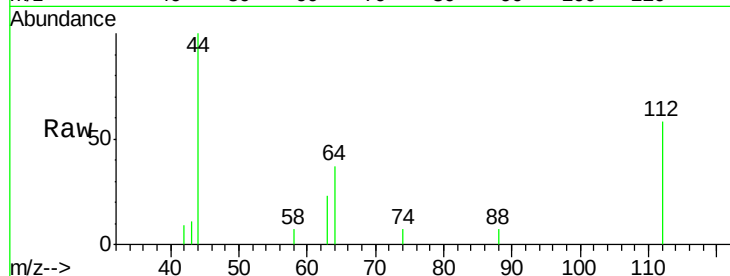
Tgt Ion: 112 Resp: 747

Ion Ratio Lower Upper

112 100

64 61.4 46.7 70.1

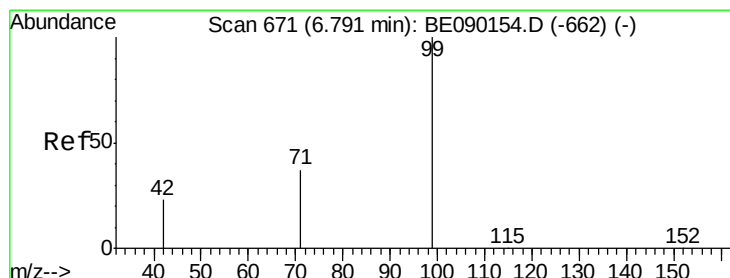
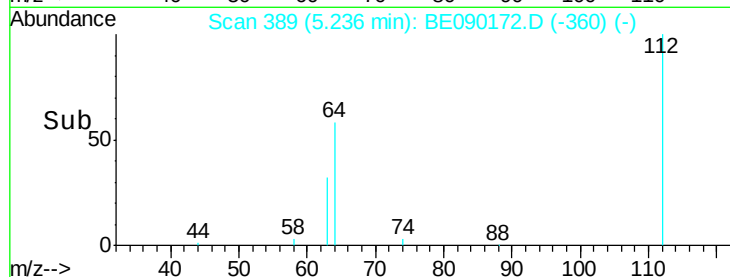
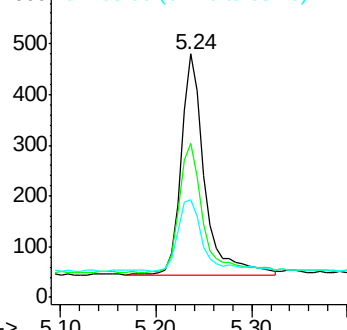
63 35.3 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.21 ng

RT: 6.80 min Scan# 672

Delta R.T. 0.01 min

Lab File: BE090172.D

Acq: 18 Jul 2015 8:24

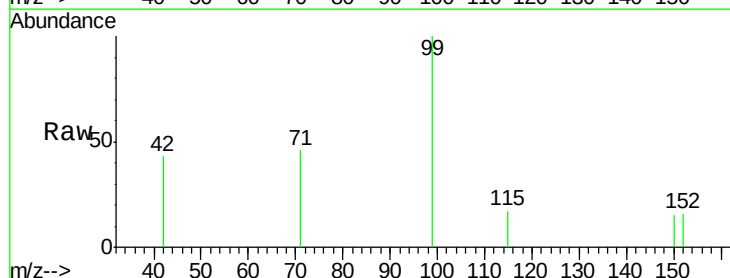
Tgt Ion: 99 Resp: 589

Ion Ratio Lower Upper

99 100

42 22.1 19.1 28.7

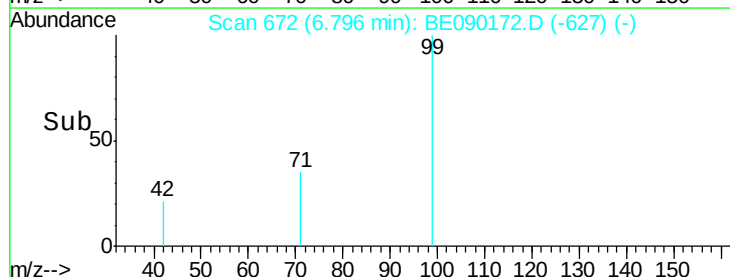
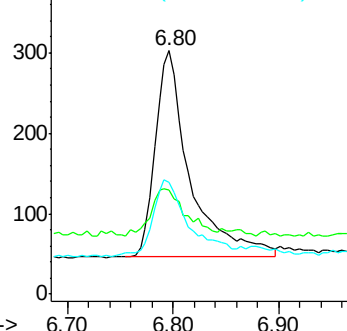
71 39.7 29.4 44.2

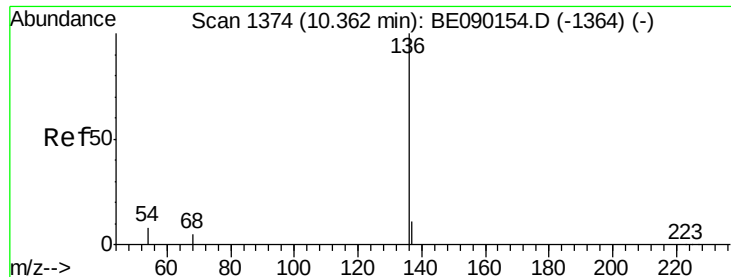


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.36 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE090172.D

Acq: 18 Jul 2015 8:24

Instrument :

BNA_E

ClientSampleId :

MW-01-071515

Tgt Ion: 136 Resp: 43584

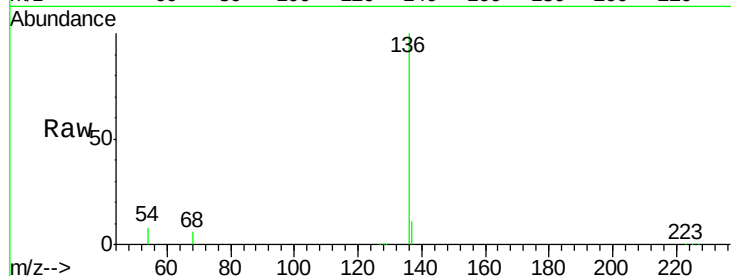
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.0 6.3 9.5

68 5.5 4.3 6.5

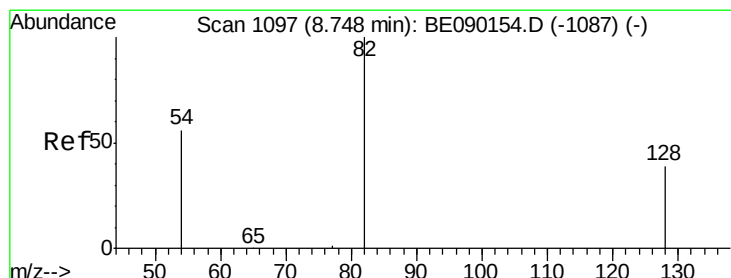
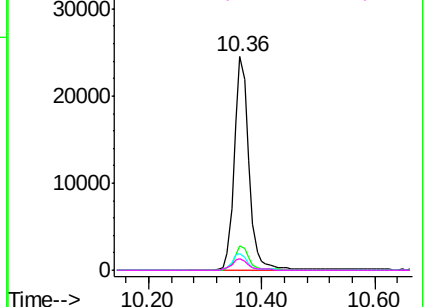
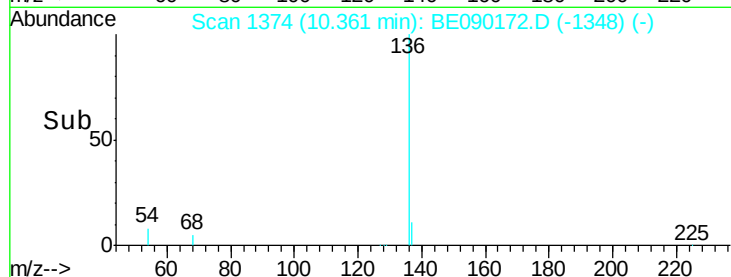


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.45 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE090172.D

Acq: 18 Jul 2015 8:24

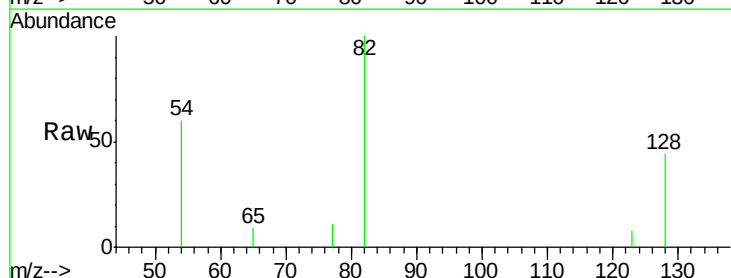
Tgt Ion: 82 Resp: 1313

Ion Ratio Lower Upper

82 100

128 43.7 32.7 49.1

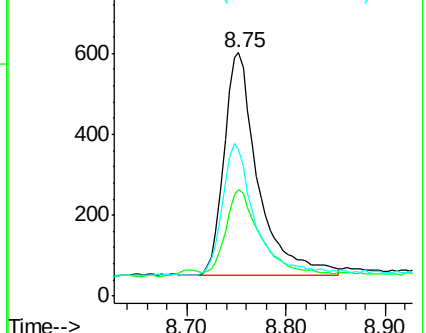
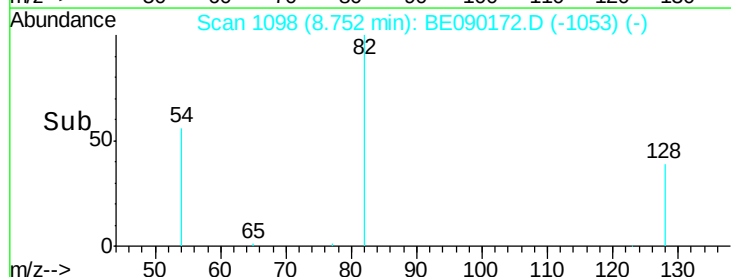
54 60.3 45.9 68.9

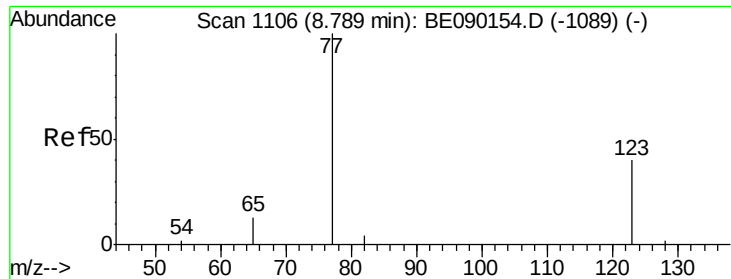


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.03 ng

RT: 8.79 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BE090172.D

Acq: 18 Jul 2015 8:24

Instrument :

BNA_E

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MW-01-071515

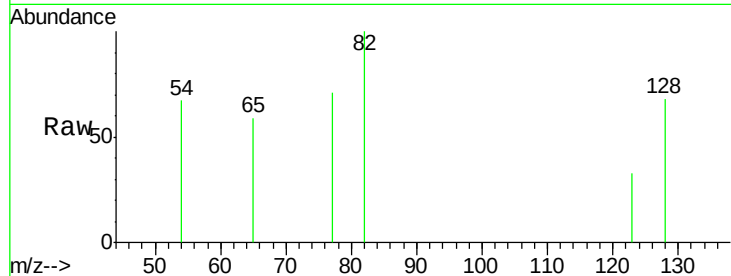
Tgt Ion: 77 Resp: 93

Ion Ratio Lower Upper

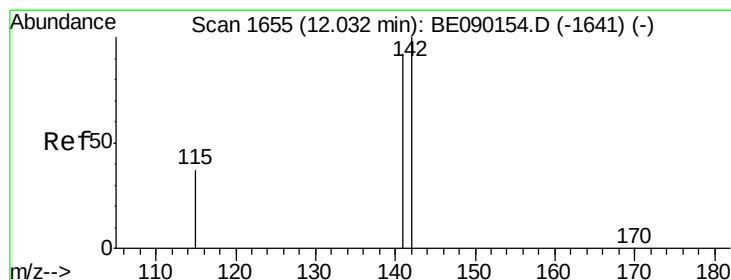
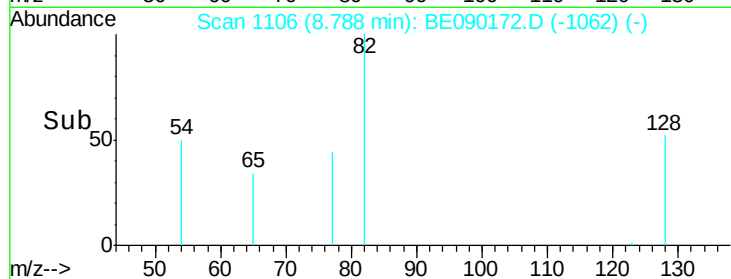
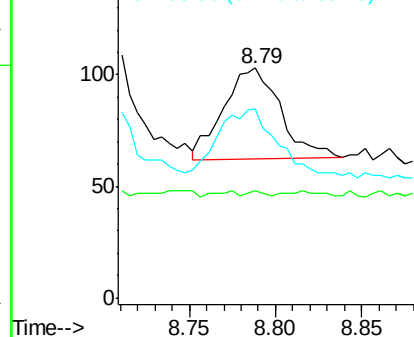
77 100

123 1.1 32.3 48.5#

65 82.8 10.4 15.6#



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



#11

2-Methylnaphthalene

Concen: 0.06 ng

RT: 12.03 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE090172.D

Acq: 18 Jul 2015 8:24

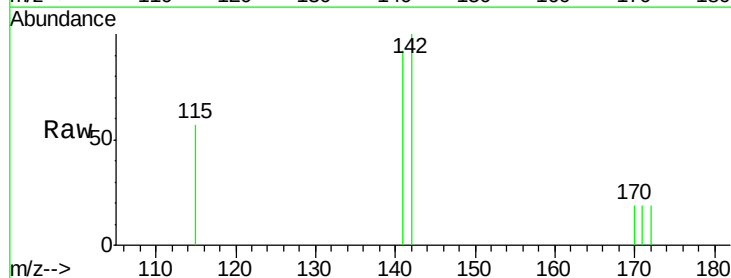
Tgt Ion: 142 Resp: 387

Ion Ratio Lower Upper

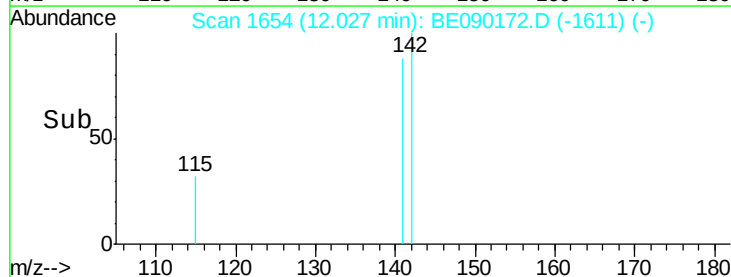
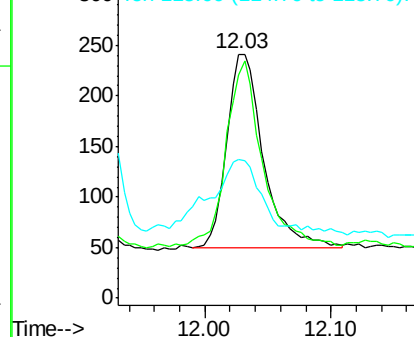
142 100

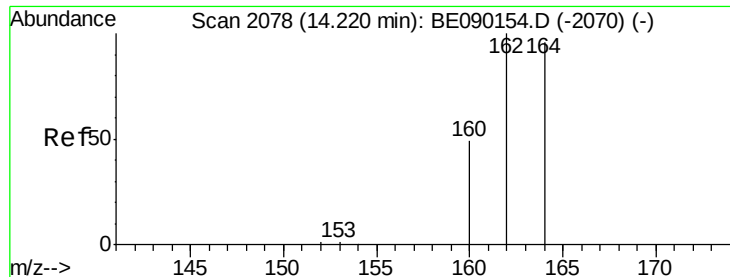
141 91.7 73.9 110.9

115 56.8 30.0 45.0#



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





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.22 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BE090172.D

Acq: 18 Jul 2015 8:24

Instrument :

BNA_E

ClientSampleId :

MW-01-071515

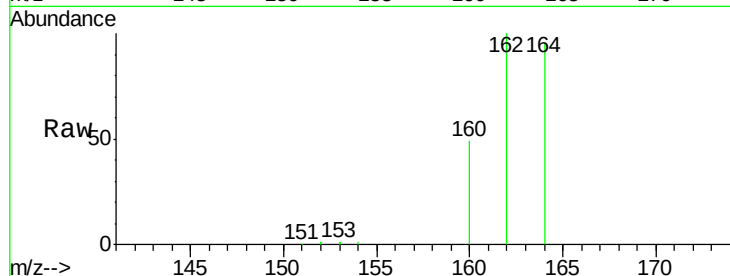
Tgt Ion:164 Resp: 24941

Ion Ratio Lower Upper

164 100

162 105.0 83.3 124.9

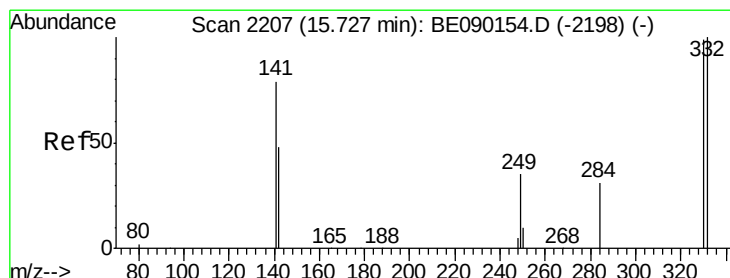
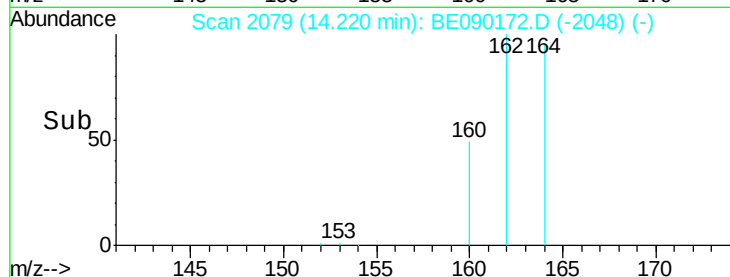
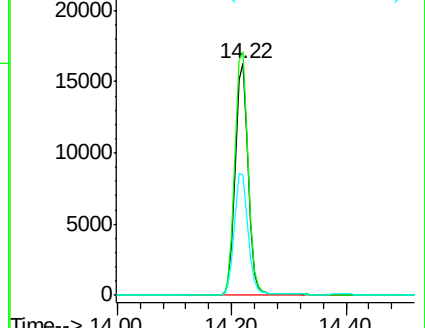
160 51.9 40.9 61.3



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: 1.04 ng

RT: 15.73 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BE090172.D

Acq: 18 Jul 2015 8:24

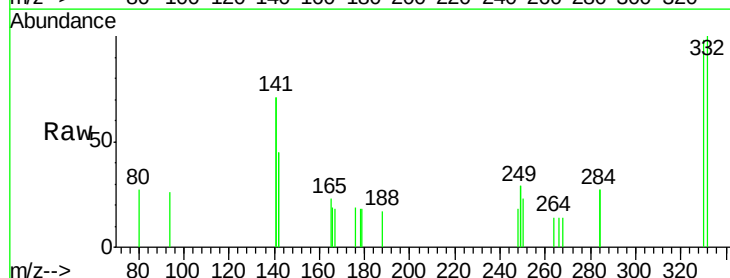
Tgt Ion:330 Resp: 614

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.2

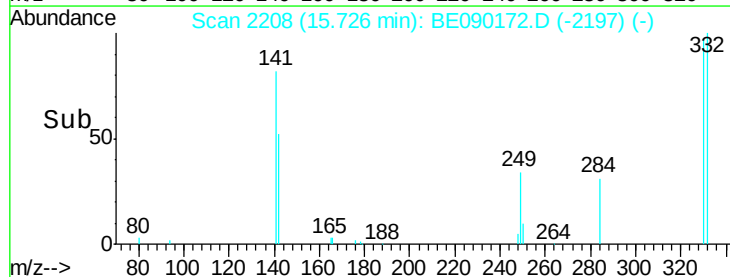
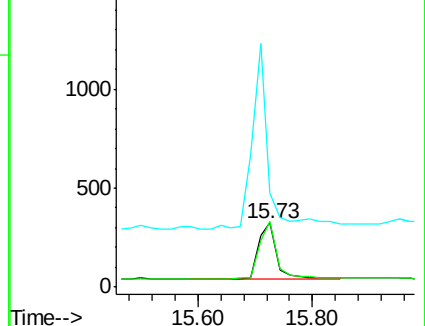
141 280.1 215.8 323.6

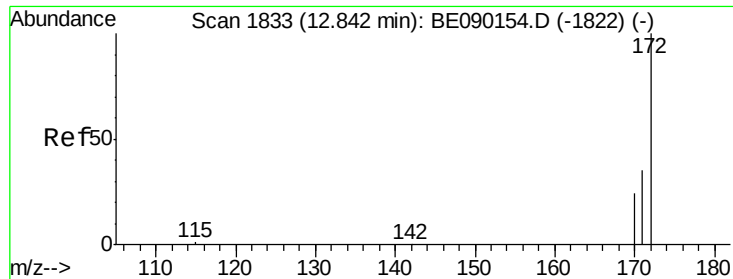


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

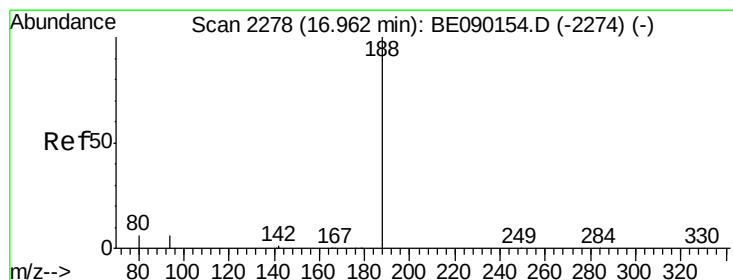
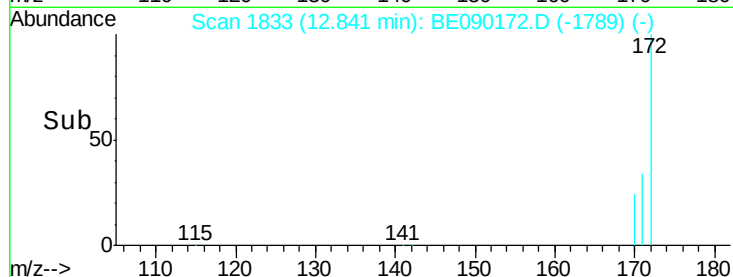
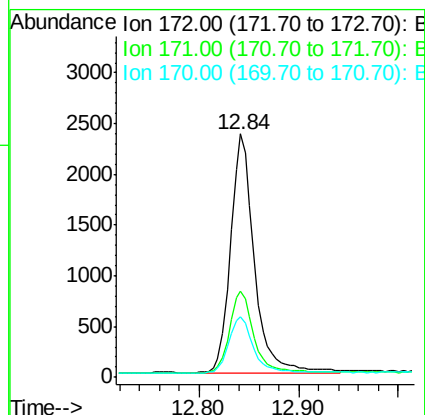
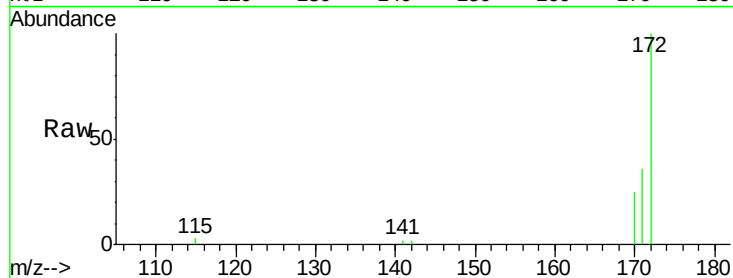




#14
2-Fluorobiphenyl
Concen: 0.53 ng
RT: 12.84 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BE090172.D
Acq: 18 Jul 2015 8:24

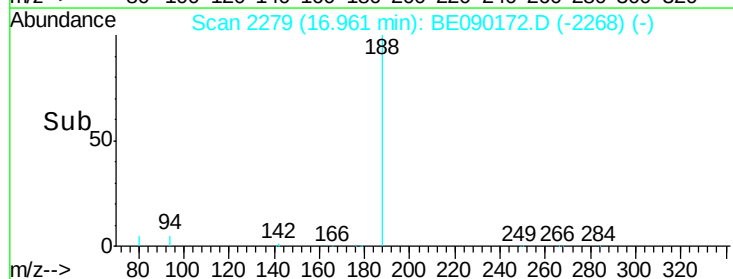
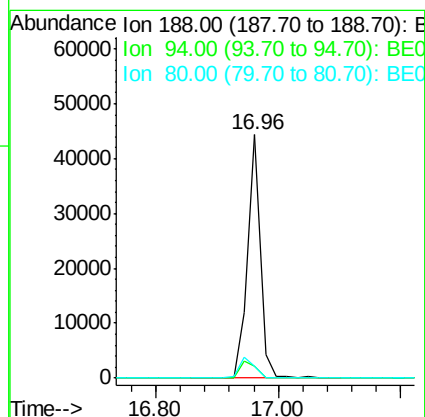
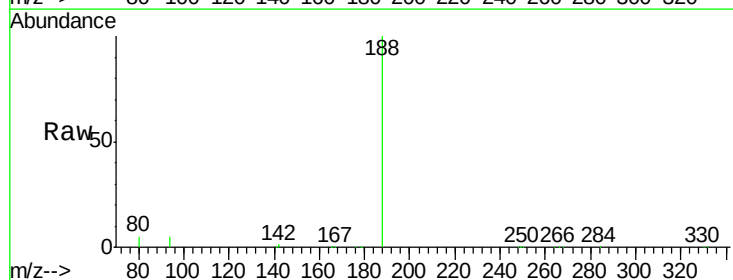
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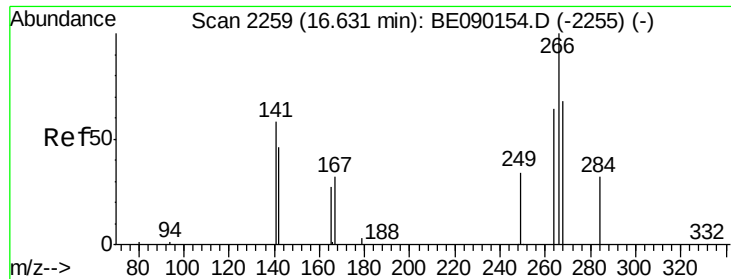
Tgt Ion:172 Resp: 3924
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 25.1 19.7 29.5



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090172.D
Acq: 18 Jul 2015 8:24

Tgt Ion:188 Resp: 64346
Ion Ratio Lower Upper
188 100
94 4.9 4.6 7.0
80 4.9 4.6 6.8

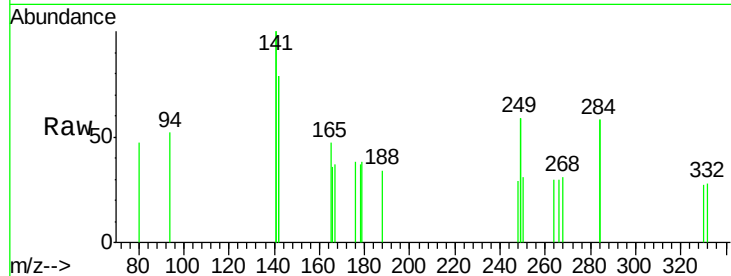




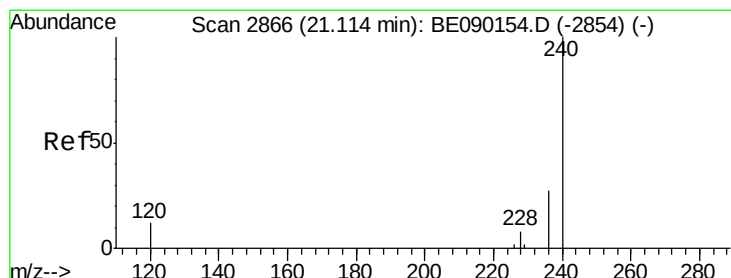
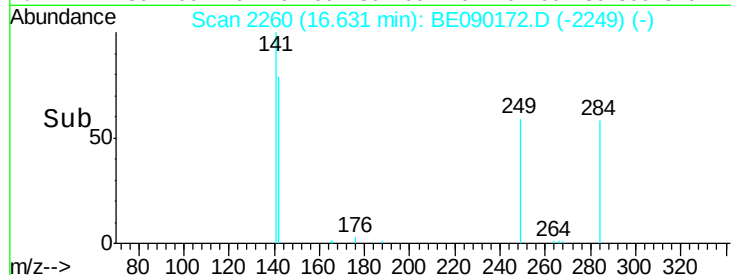
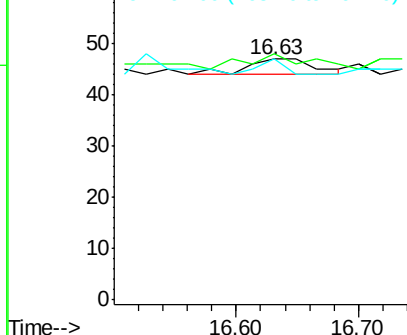
#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BE090172.D
 Acq: 18 Jul 2015 8:24

Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515

Tgt Ion: 266 Resp: 11
 Ion Ratio Lower Upper
 266 100
 268 102.1 58.2 87.4#
 264 100.0 55.0 82.4#

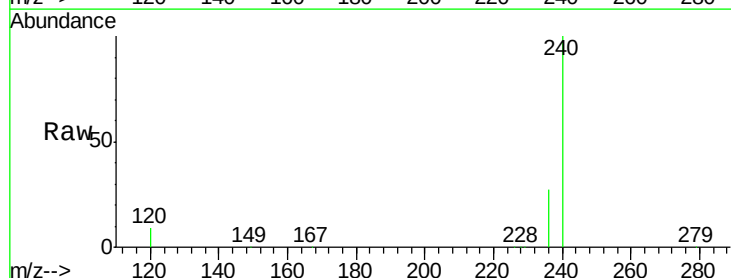


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

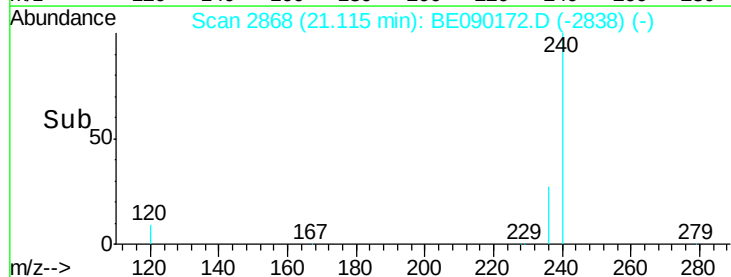
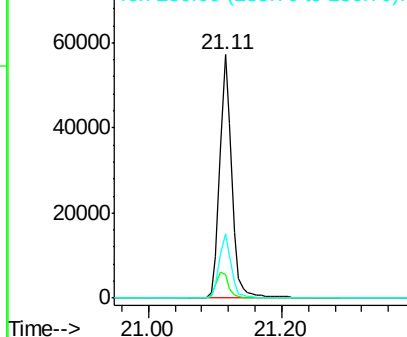


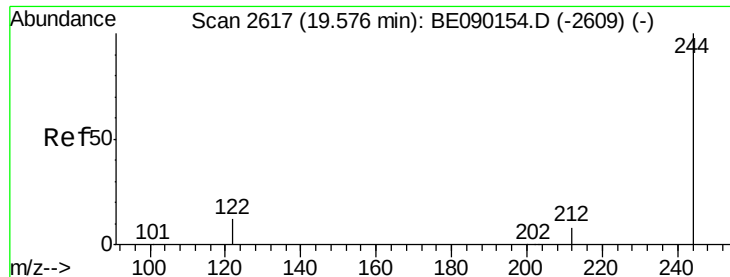
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.11 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: BE090172.D
 Acq: 18 Jul 2015 8:24

Tgt Ion: 240 Resp: 70621
 Ion Ratio Lower Upper
 240 100
 120 9.5 9.4 14.0
 236 26.6 21.8 32.8



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

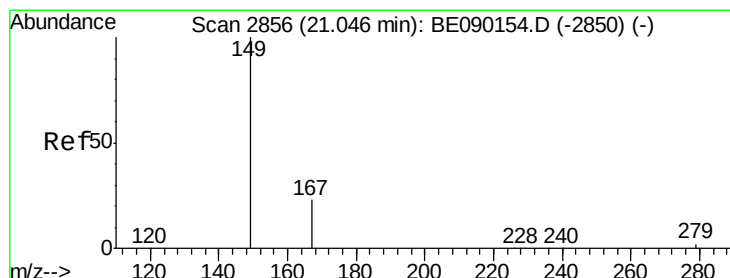
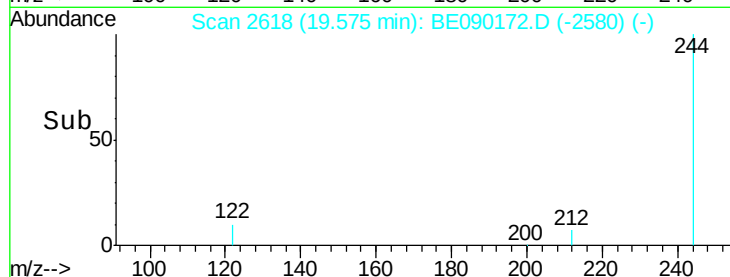
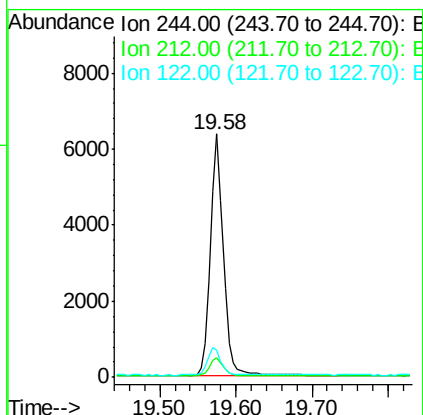
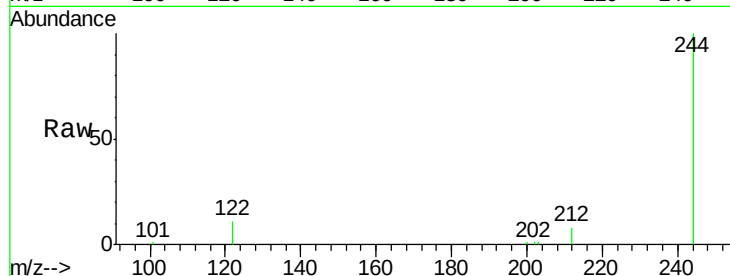




#27
 Terphenyl-d14
 Concen: 0.64 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: BE090172.D
 Acq: 18 Jul 2015 8:24

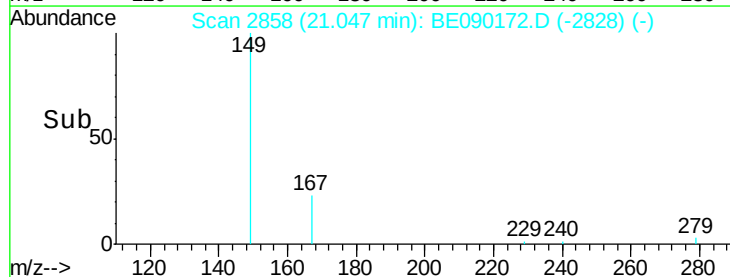
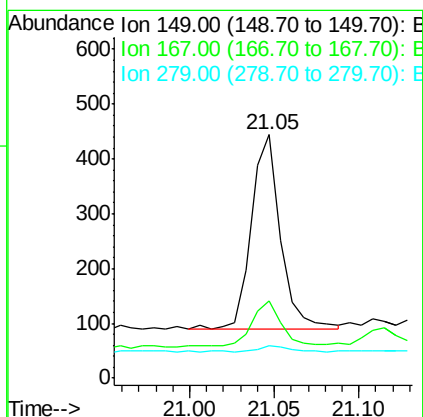
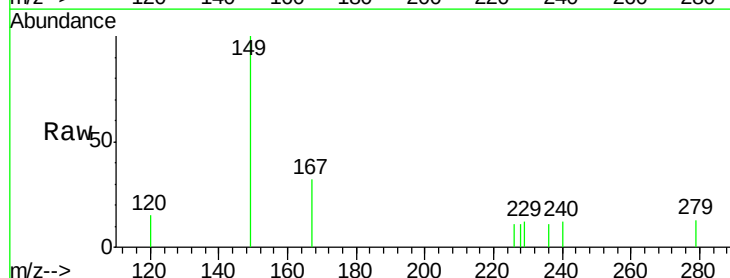
Instrument :
 BNA_E
 ClientSampleId :
 MW-01-071515

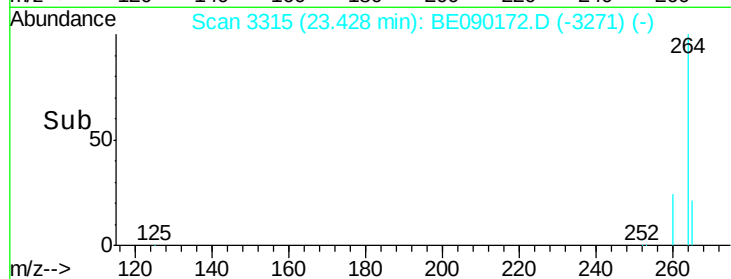
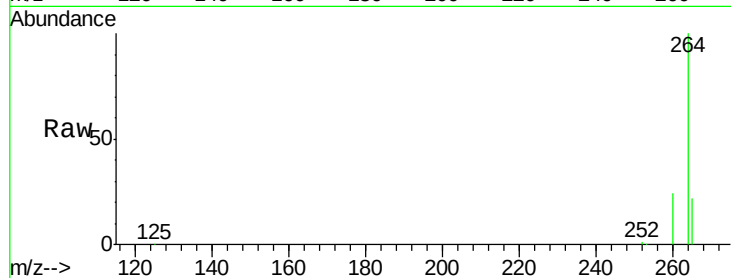
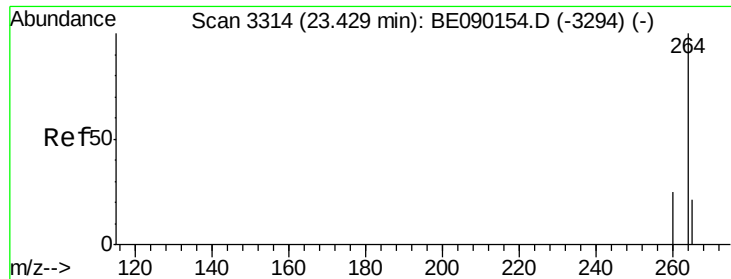
Tgt Ion: 244 Resp: 7562
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 11.1 9.8 14.6



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.05 ng
 RT: 21.05 min Scan# 2858
 Delta R.T. 0.00 min
 Lab File: BE090172.D
 Acq: 18 Jul 2015 8:24

Tgt Ion: 149 Resp: 428
 Ion Ratio Lower Upper
 149 100
 167 24.1 18.6 28.0
 279 3.0 2.2 3.4





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.43 min Scan# 3315

Delta R.T. -0.00 min

Lab File: BE090172.D

Acq: 18 Jul 2015 8:24

Instrument :

BNA_E

ClientSampleId :

MW-01-071515

Tgt Ion:264 Resp: 70599

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 21.7 17.4 26.2

