

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
 Data File : BE090839.D
 Acq On : 15 Sep 2015 18:49
 Operator : UM/IZ
 Sample : G3659-02RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 16 05:46:18 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	24550	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	105675	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	56804	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	161438	5.00	ng	0.00
25) Chrysene-d12	21.07	240	210521	5.00	ng	0.00
32) Perylene-d12	23.35	264	194867	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	12833	2.69	ng	0.00
5) Phenol-d6	6.76	99	9886	1.45	ng	0.01
7) Nitrobenzene-d5	8.72	82	22712	3.25	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	10119	6.11	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	55851	3.55	ng	0.00
27) Terphenyl-d14	19.53	244	125524	5.39	ng	-0.01

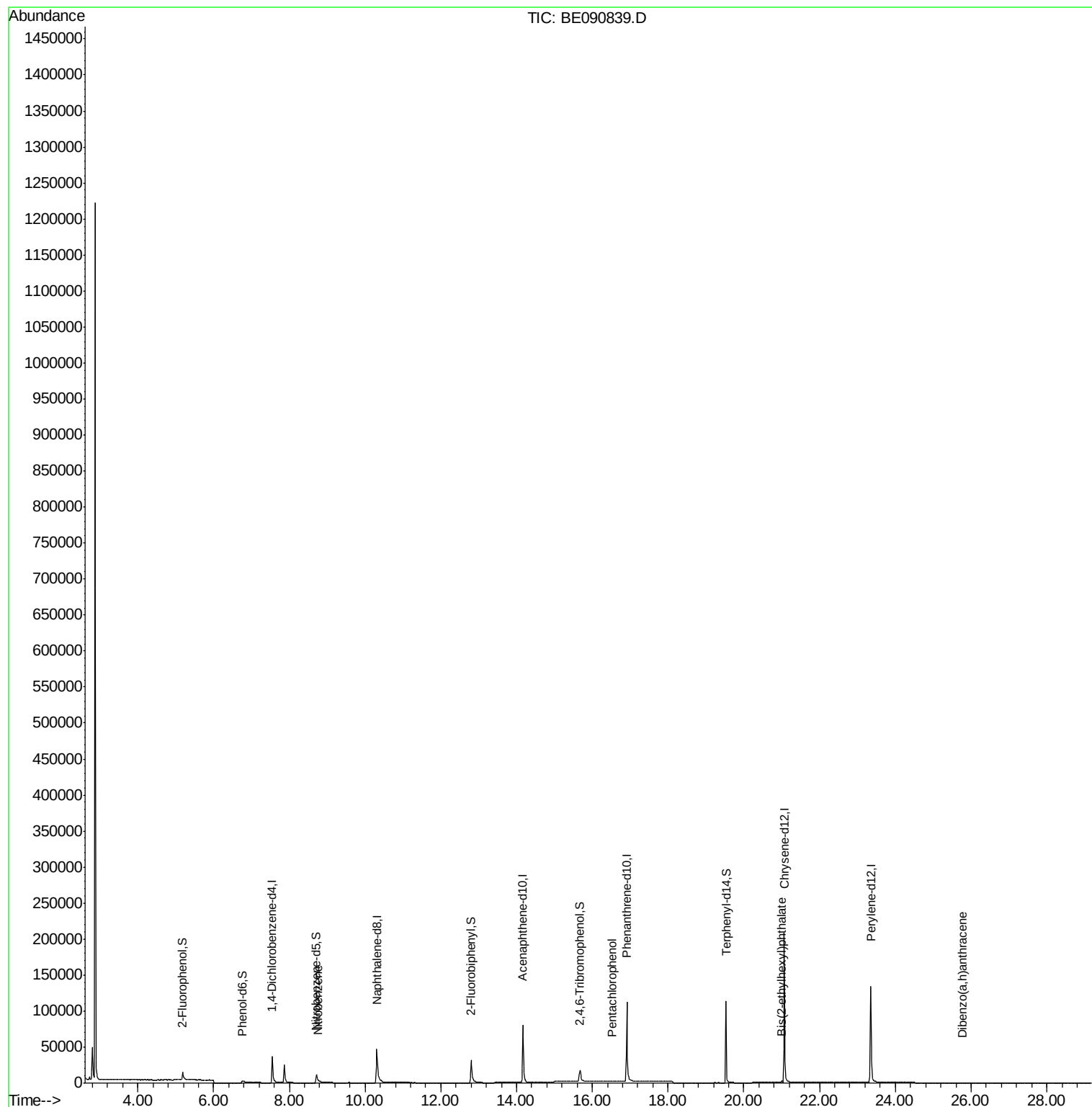
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	100	Below Cal	#	28
3) n-Nitrosodimethylamine	3.44	42	18	Below Cal	#	1
8) Nitrobenzene	8.76	77	25	0.11 ng	#	62
20) Hexachlorobenzene	16.14	284	35	Below Cal	#	1
21) Pentachlorophenol	16.53	266	18	0.47 ng	#	57
29) Chrysene	21.07	228	747	Below Cal	#	75
30) Bis(2-ethylhexyl)phthalate	21.00	149	2897	0.30 ng	#	98
36) Dibenzo(a,h)anthracene	25.75	278	17	0.14 ng	#	1

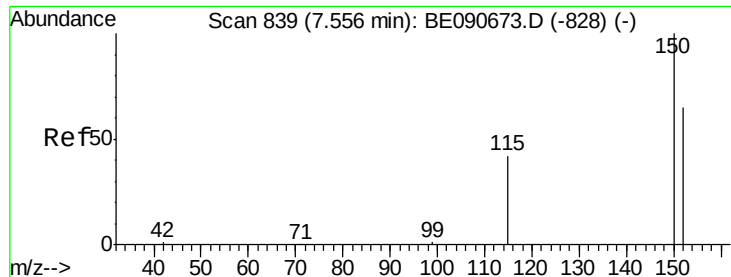
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090839.D

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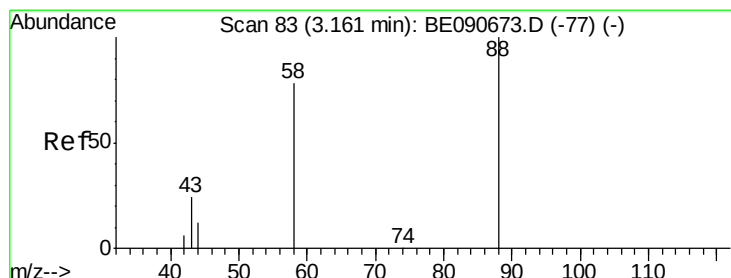
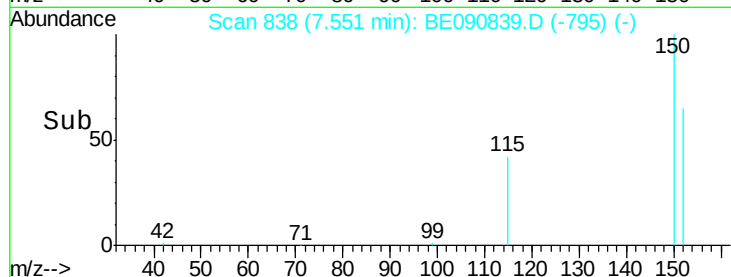
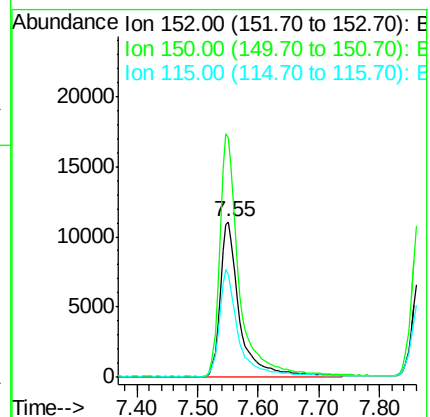
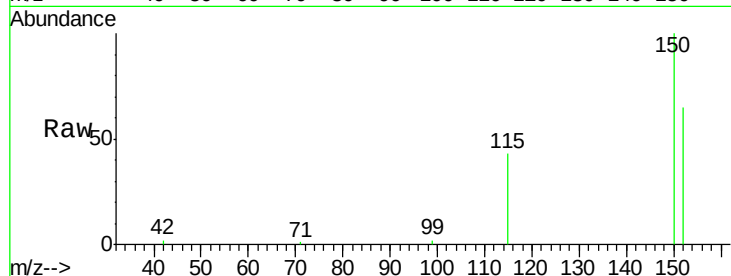
Tgt Ion: 152 Resp: 24550

Ion Ratio Lower Upper

152 100

150 154.3 122.2 183.4

115 65.9 51.0 76.4



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.21 min Scan# 90

Delta R.T. 0.05 min

Lab File: BE090839.D

Acq: 15 Sep 2015 18:49

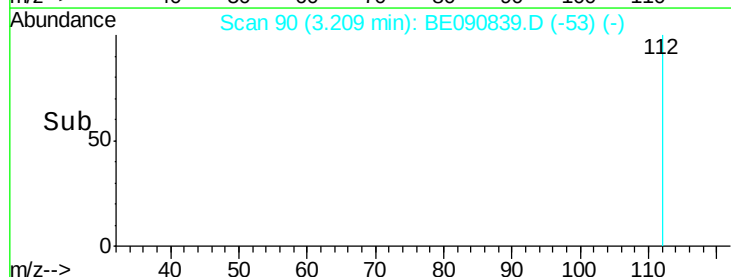
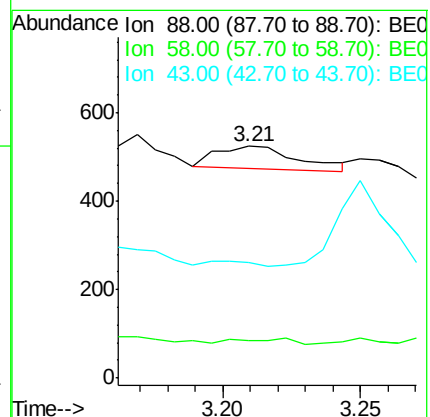
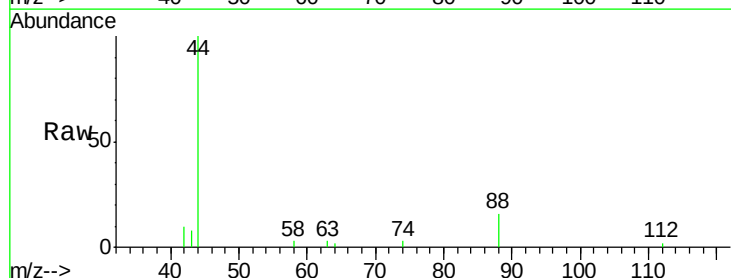
Tgt Ion: 88 Resp: 100

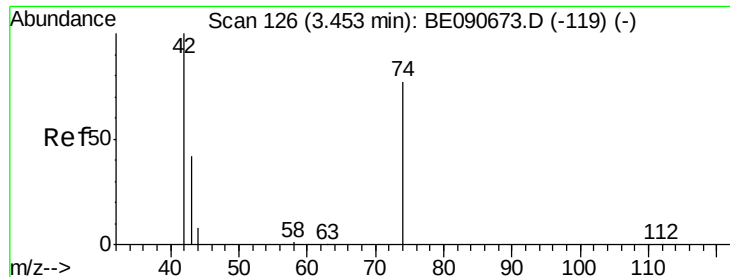
Ion Ratio Lower Upper

88 100

58 15.0 68.4 102.6#

43 0.0 26.9 40.3#



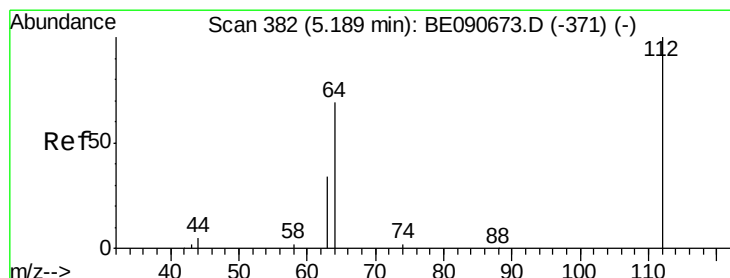
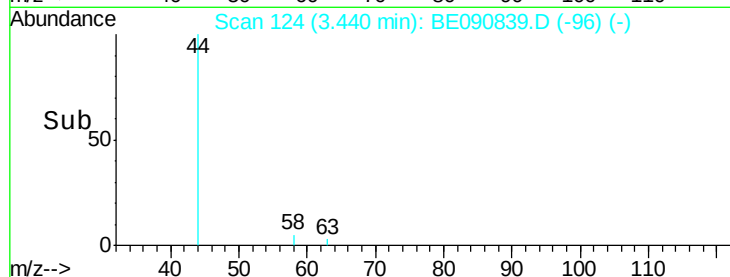
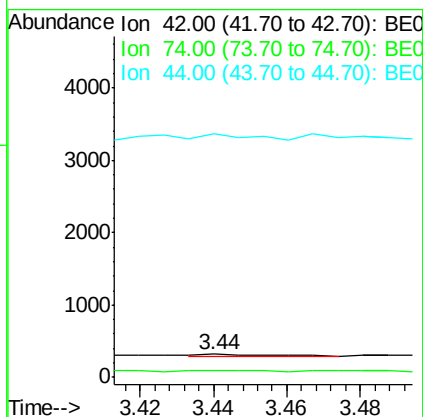
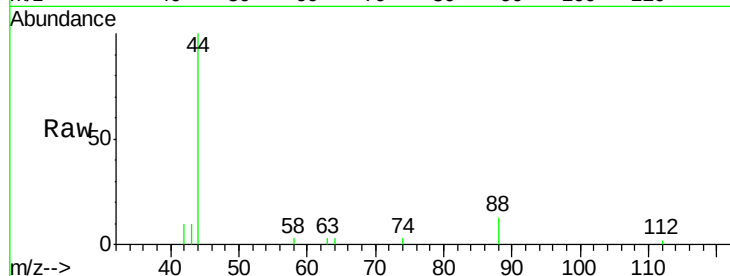


#3

n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.44 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BE090839.D
 Acq: 15 Sep 2015 18:49

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

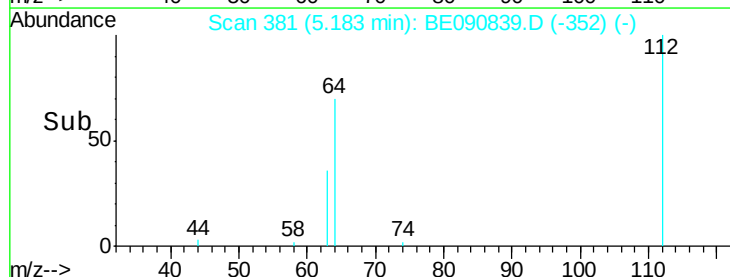
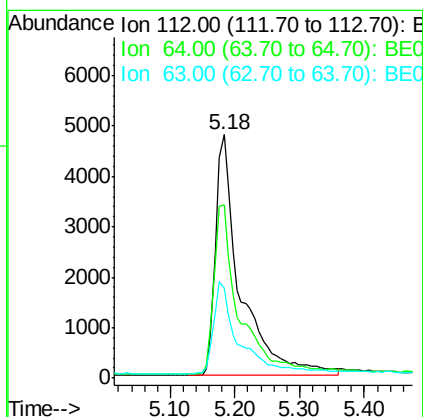
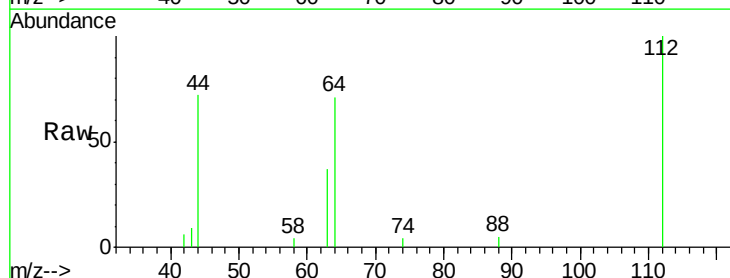
Tgt Ion: 42 Resp: 18
 Ion Ratio Lower Upper
 42 100
 74 100.0 83.7 125.5
 44 622.2 10.0 15.0#

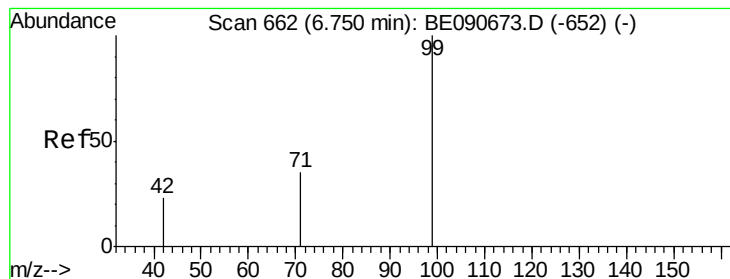


#4

2-Fluorophenol
 Concen: 2.69 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090839.D
 Acq: 15 Sep 2015 18:49

Tgt Ion: 112 Resp: 12833
 Ion Ratio Lower Upper
 112 100
 64 72.5 57.3 85.9
 63 39.0 29.2 43.8





#5

Phenol-d6

Concen: 1.45 ng

RT: 6.76 min Scan# 665

Delta R.T. 0.01 min

Lab File: BE090839.D

Acq: 15 Sep 2015 18:49

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-D-S

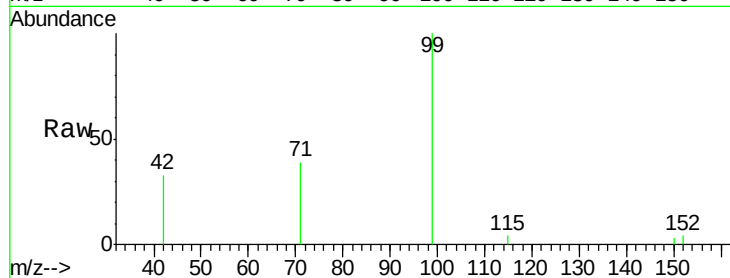
Tgt Ion: 99 Resp: 9886

Ion Ratio Lower Upper

99 100

42 20.0 16.8 25.2

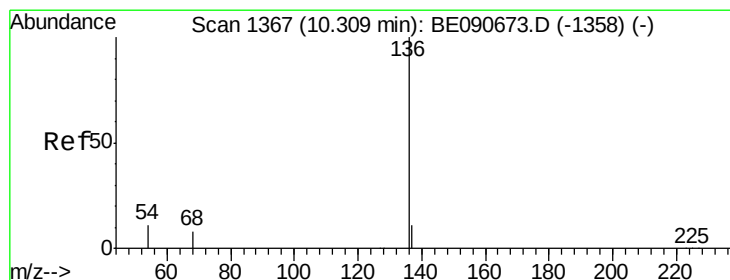
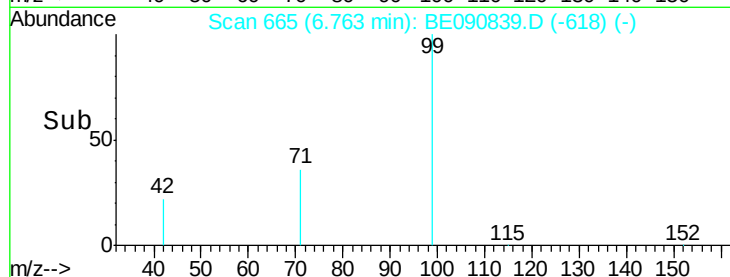
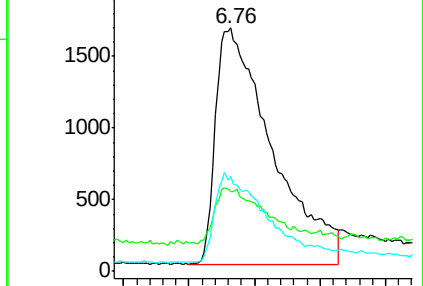
71 34.0 28.3 42.5



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: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090839.D

Acq: 15 Sep 2015 18:49

Tgt Ion: 136 Resp: 105675

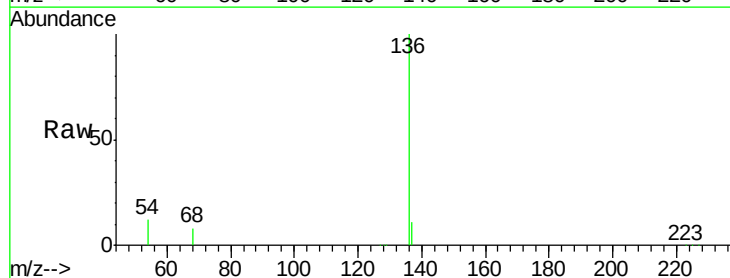
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.9 9.0 13.6

68 8.4 6.3 9.5

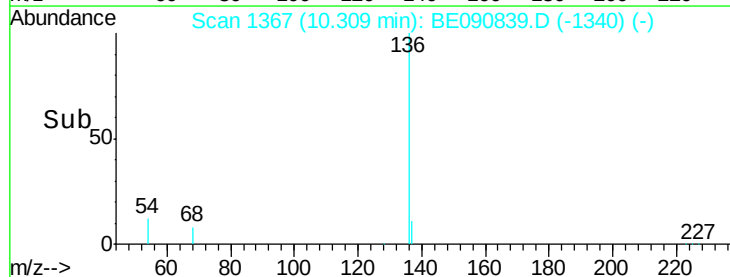
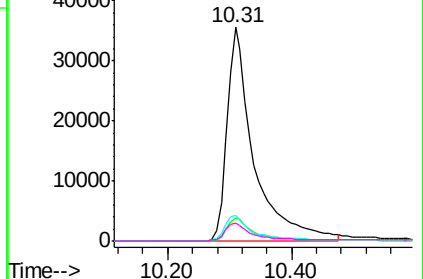


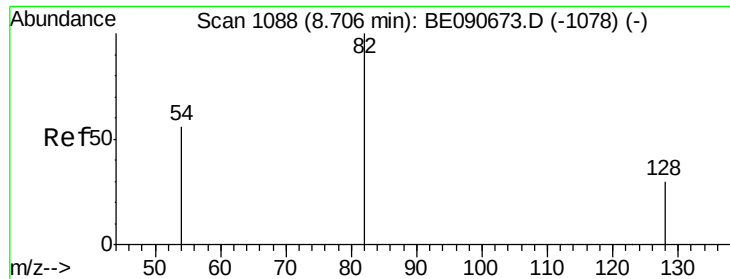
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.25 ng

RT: 8.72 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE090839.D

Acq: 15 Sep 2015 18:49

Instrument :

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ClientSampleId :

091315-PRKA-F-D-S

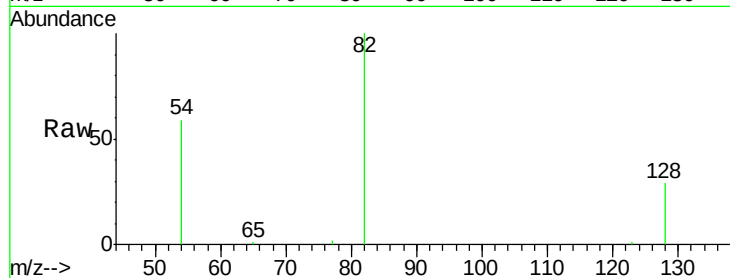
Tgt Ion: 82 Resp: 22712

Ion Ratio Lower Upper

82 100

128 29.4 25.0 37.4

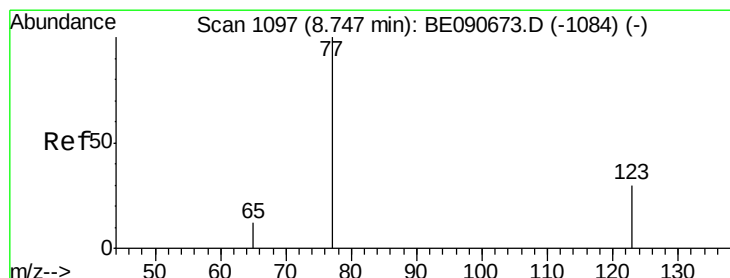
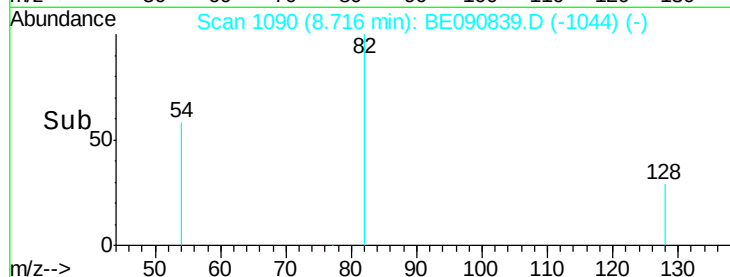
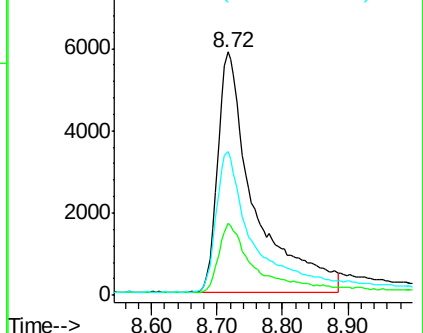
54 58.9 46.3 69.5



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: 0.11 ng

RT: 8.76 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BE090839.D

Acq: 15 Sep 2015 18:49

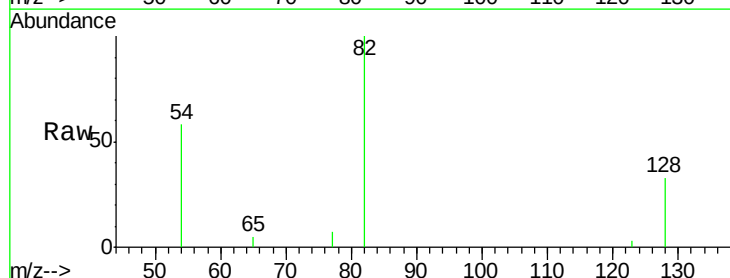
Tgt Ion: 77 Resp: 25

Ion Ratio Lower Upper

77 100

123 20.0 25.1 37.7#

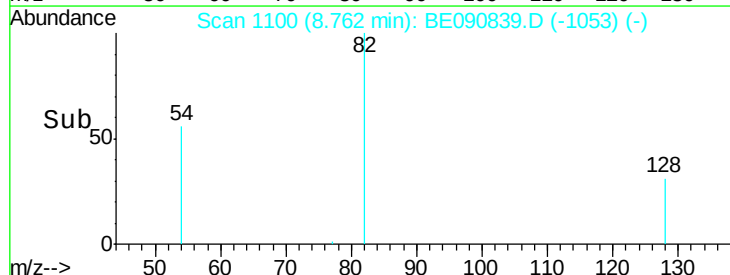
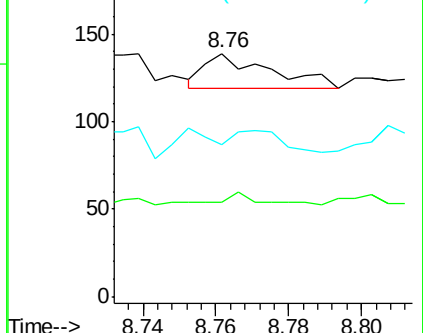
65 44.0 9.9 14.9#

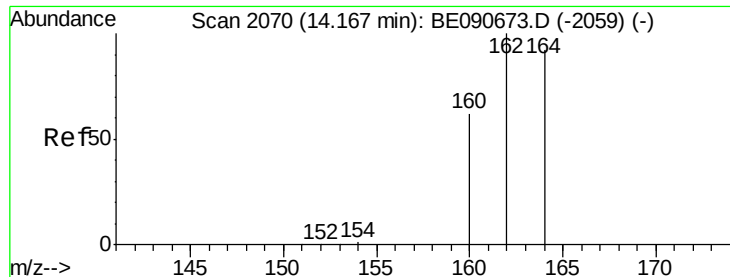


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BE090839.D

Acq: 15 Sep 2015 18:49

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-D-S

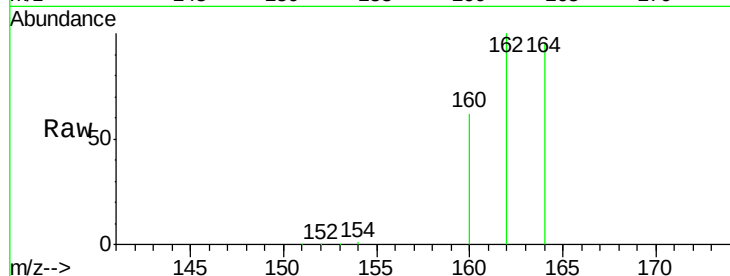
Tgt Ion:164 Resp: 56804

Ion Ratio Lower Upper

164 100

162 105.0 86.8 130.2

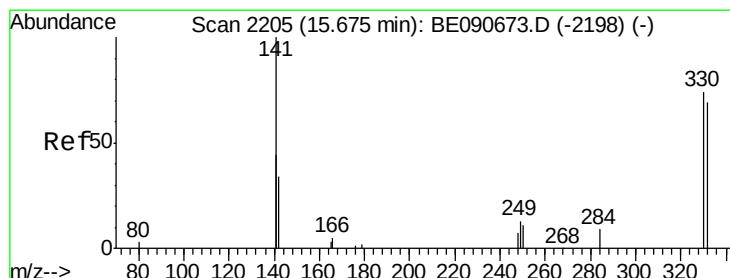
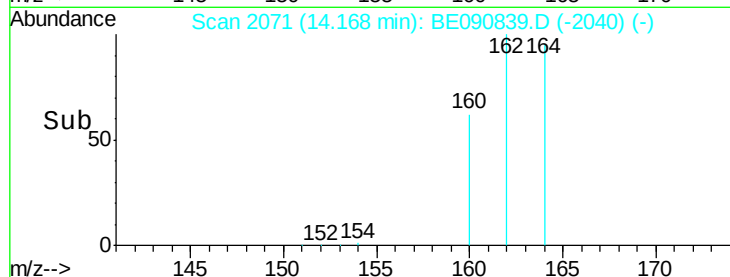
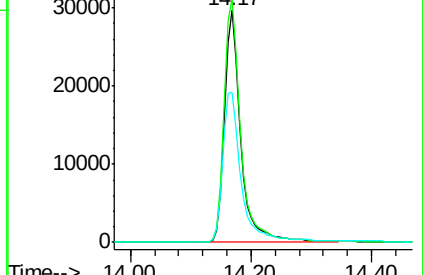
160 65.1 53.9 80.9



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: 6.11 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090839.D

Acq: 15 Sep 2015 18:49

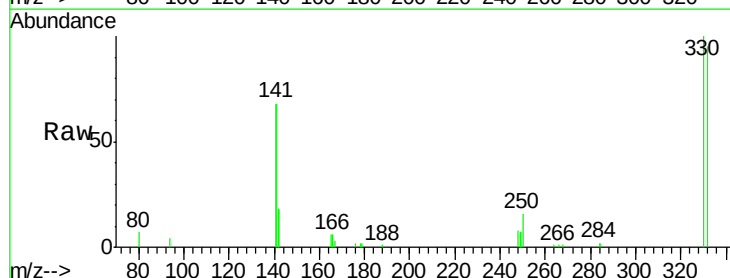
Tgt Ion:330 Resp: 10119

Ion Ratio Lower Upper

330 100

332 96.0 74.9 112.3

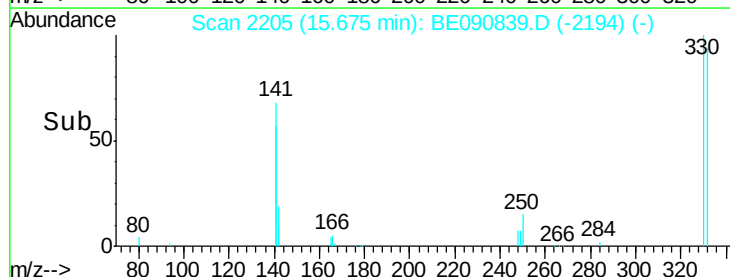
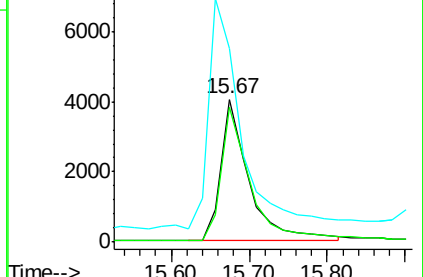
141 188.4 145.2 217.8

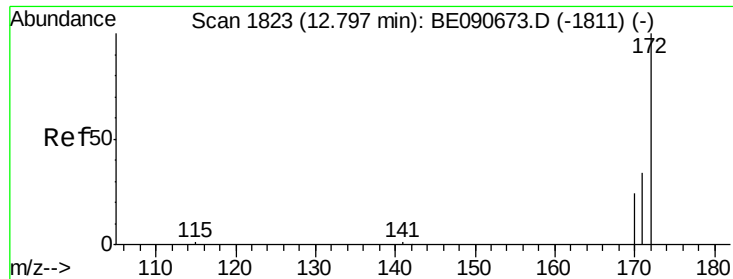


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

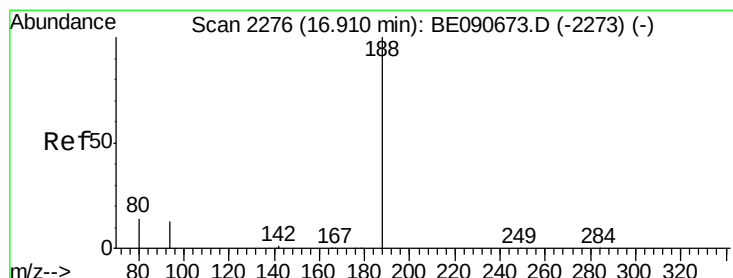
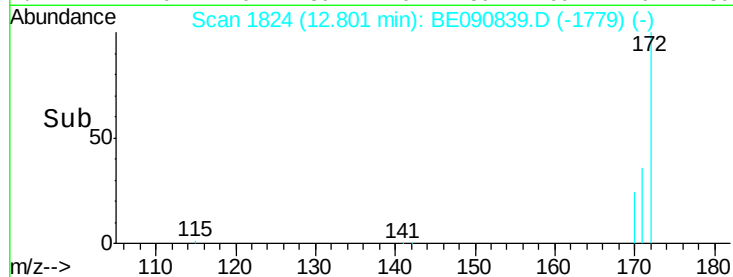
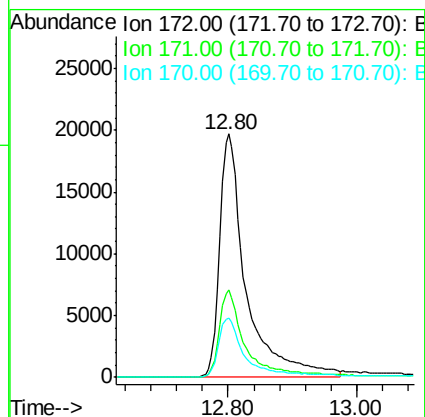
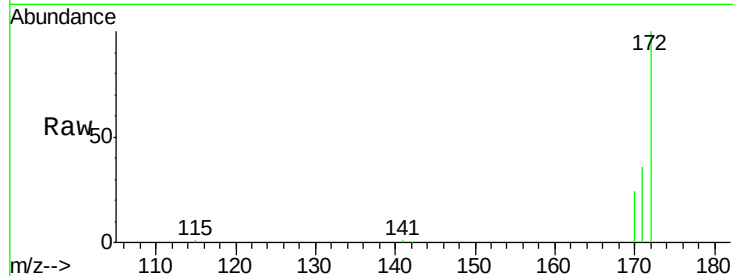




#14
2-Fluorobiphenyl
Concen: 3.55 ng
RT: 12.80 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BE090839.D
Acq: 15 Sep 2015 18:49

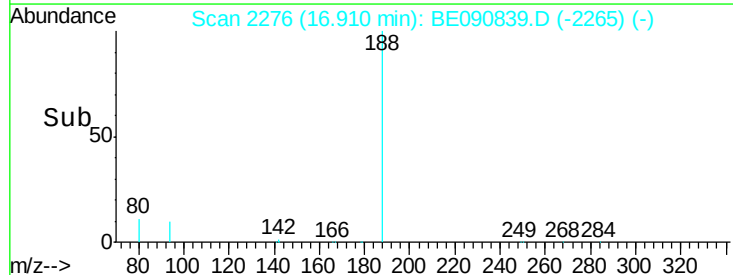
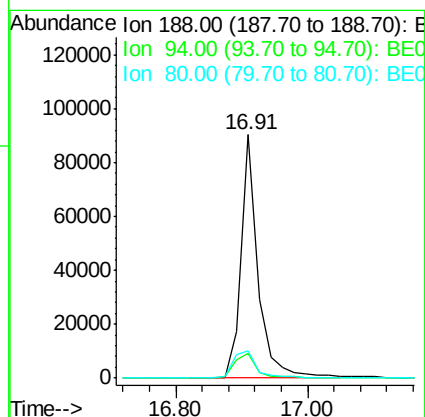
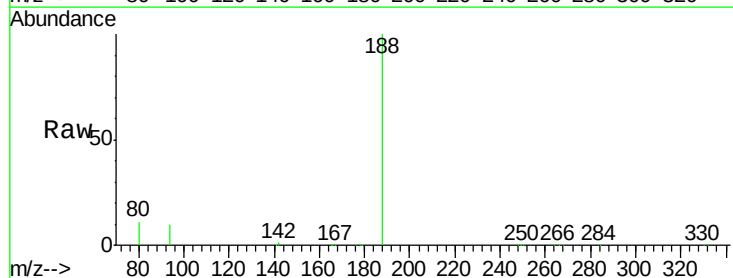
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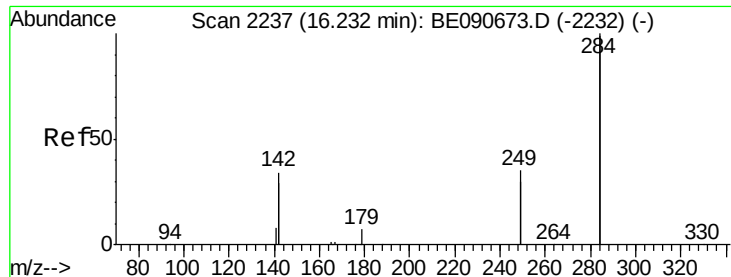
Tgt Ion:172 Resp: 55851
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.8
170 24.4 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090839.D
Acq: 15 Sep 2015 18:49

Tgt Ion:188 Resp: 161438
Ion Ratio Lower Upper
188 100
94 10.1 10.3 15.5#
80 11.1 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.14 min Scan# 2232

Delta R.T. -0.09 min

Lab File: BE090839.D

Acq: 15 Sep 2015 18:49

Instrument :

BNA_E

ClientSampleId :

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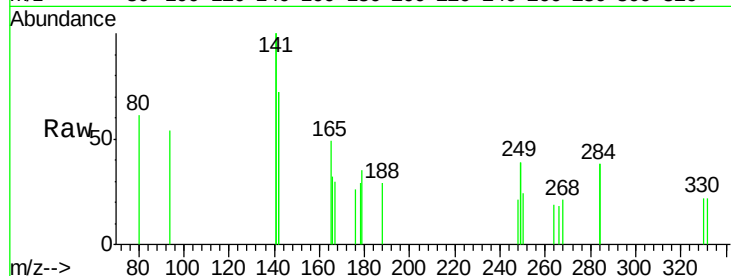
Tgt Ion:284 Resp: 35

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

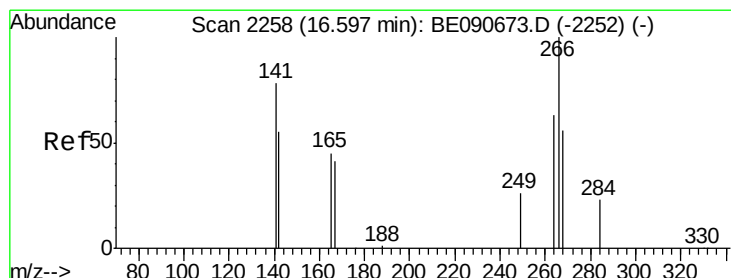
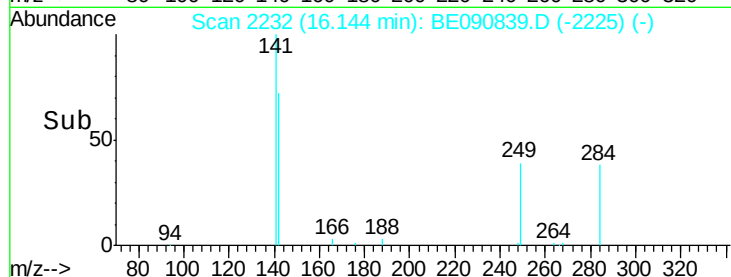
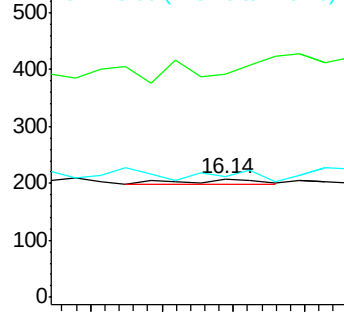
249 125.7 25.5 38.3#



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: 0.47 ng

RT: 16.53 min Scan# 2254

Delta R.T. -0.07 min

Lab File: BE090839.D

Acq: 15 Sep 2015 18:49

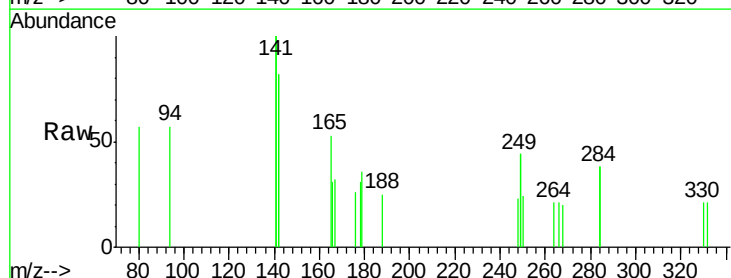
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

268 94.4 49.6 74.4#

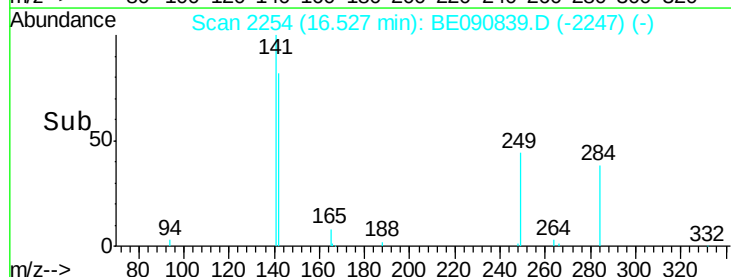
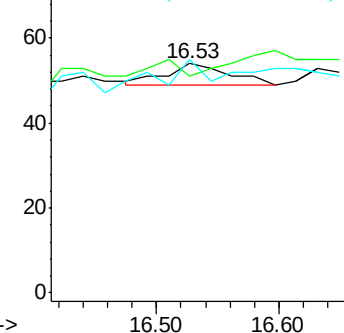
264 101.9 53.9 80.9#

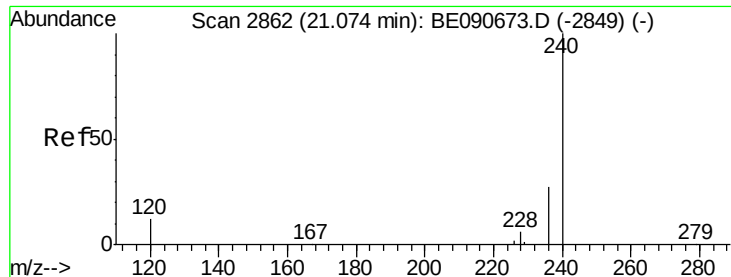


Abundance Ion 265.70 (265.40 to 266.40): E

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: BE090839.D

Acq: 15 Sep 2015 18:49

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-D-S

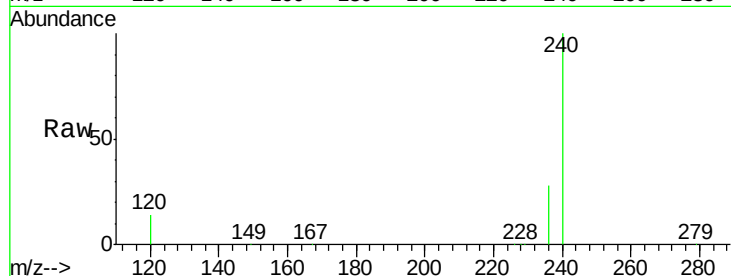
Tgt Ion:240 Resp: 210521

Ion Ratio Lower Upper

240 100

120 14.1 10.1 15.1

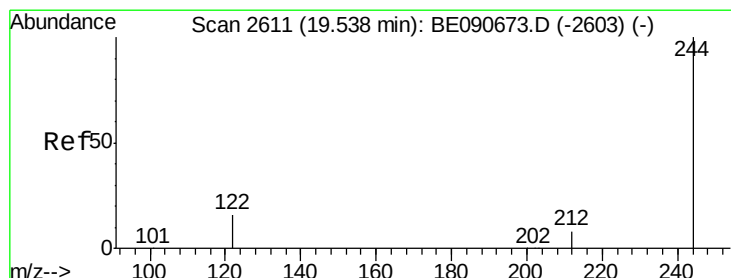
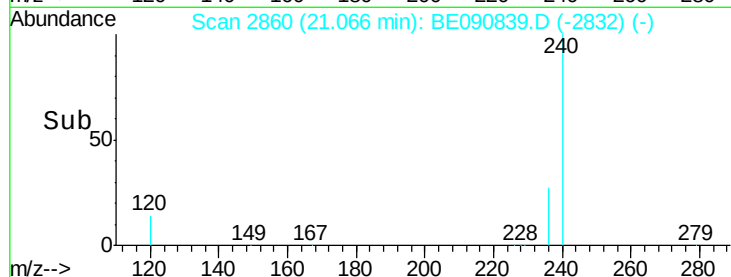
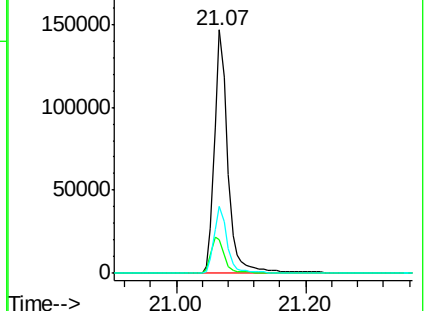
236 27.5 21.9 32.9



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: 5.39 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090839.D

Acq: 15 Sep 2015 18:49

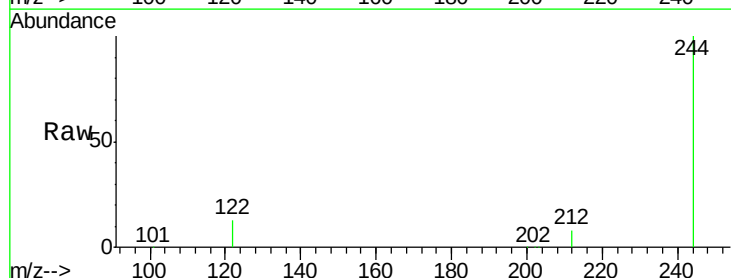
Tgt Ion:244 Resp: 125524

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

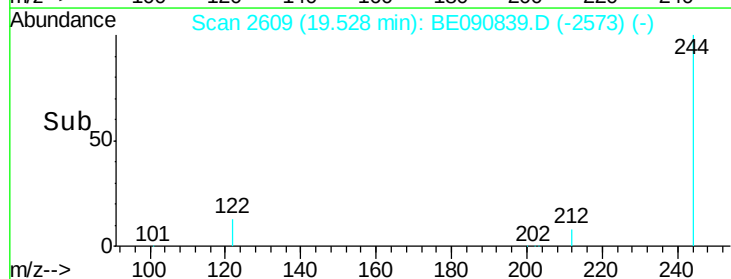
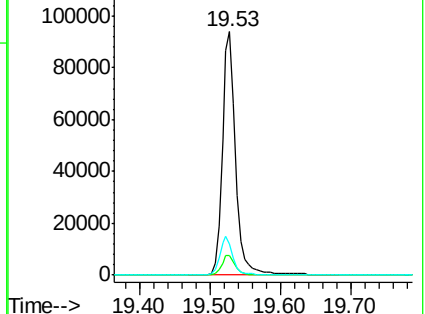
122 12.8 12.9 19.3#

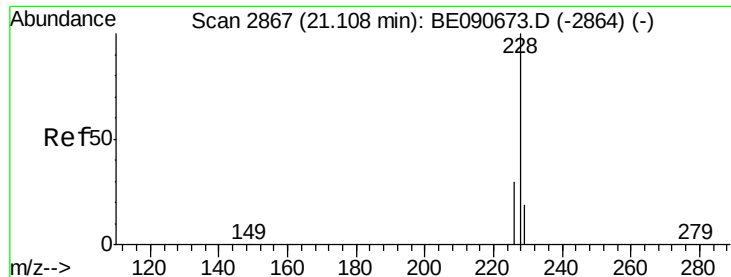


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Chrysene

Concen: Below Cal

RT: 21.07 min Scan# 2860

Delta R.T. -0.04 min

Lab File: BE090839.D

Acq: 15 Sep 2015 18:49

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-D-S

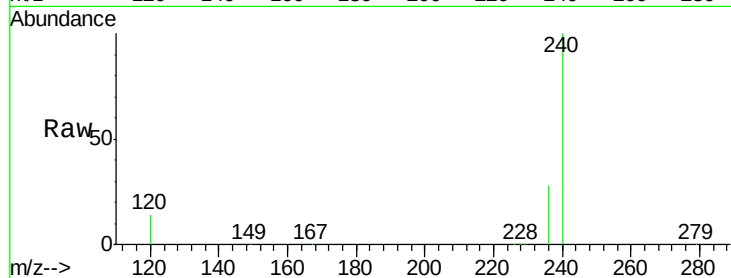
Tgt Ion:228 Resp: 747

Ion Ratio Lower Upper

228 100

226 22.9 24.2 36.4#

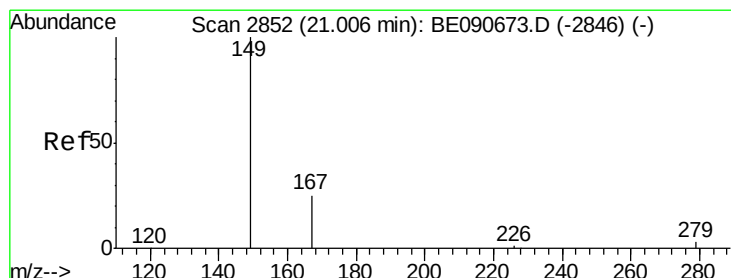
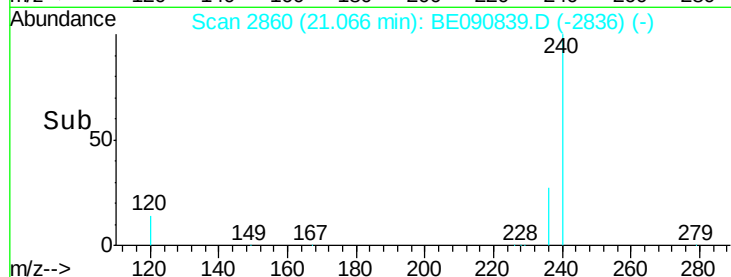
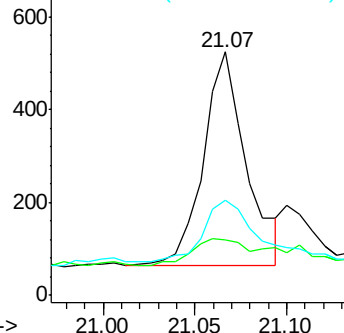
229 39.1 15.3 22.9#



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: 0.30 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090839.D

Acq: 15 Sep 2015 18:49

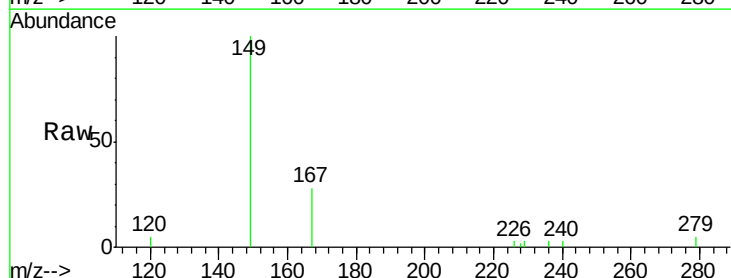
Tgt Ion:149 Resp: 2897

Ion Ratio Lower Upper

149 100

167 24.3 20.1 30.1

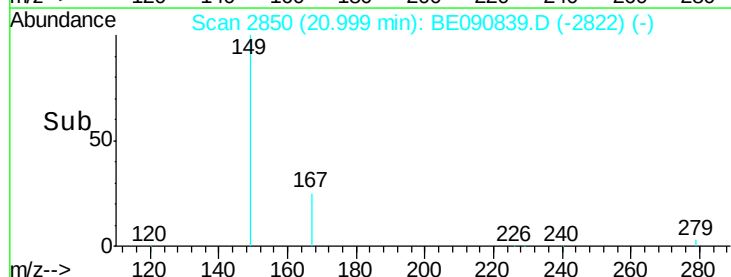
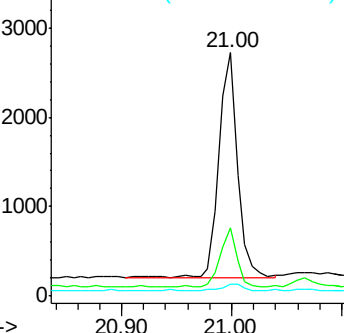
279 3.5 2.3 3.5

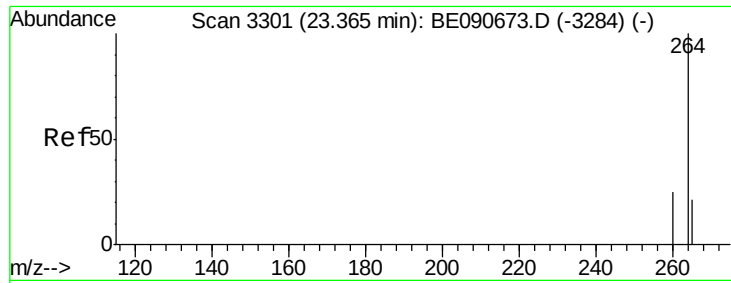


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

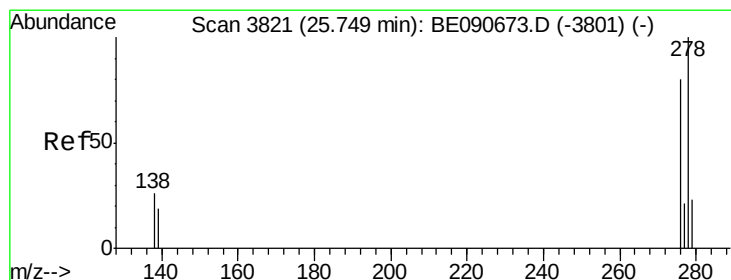
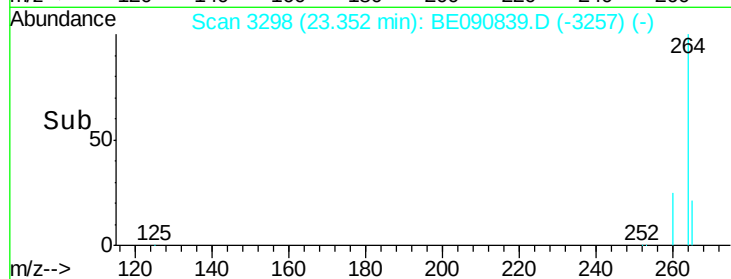
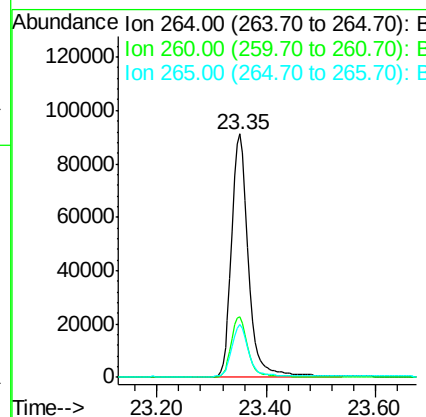
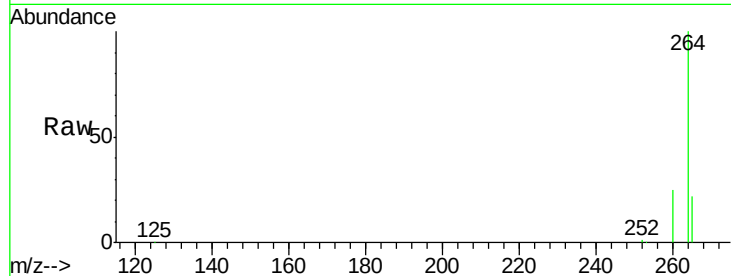




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BE090839.D
 Acq: 15 Sep 2015 18:49

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

Tgt Ion: 264 Resp: 194867
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 21.7 17.5 26.3



#36
Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.75 min Scan# 3822
 Delta R.T. 0.00 min
 Lab File: BE090839.D
 Acq: 15 Sep 2015 18:49

Tgt Ion: 278 Resp: 17
 Ion Ratio Lower Upper
 278 100
 139 143.1 15.4 23.0#
 279 124.6 18.8 28.2#

