

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
 Data File : BE090840.D
 Acq On : 15 Sep 2015 19:25
 Operator : UM/IZ
 Sample : G3659-03RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 16 05:46:26 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	27238	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	117207	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	58132	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	160456	5.00	ng	0.00
25) Chrysene-d12	21.07	240	231145	5.00	ng	0.00
32) Perylene-d12	23.35	264	205833	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	17295	3.27	ng	0.00
5) Phenol-d6	6.75	99	13507	1.78	ng	0.00
7) Nitrobenzene-d5	8.72	82	28733	3.71	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	11813	6.94	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	63700	3.96	ng	0.00
27) Terphenyl-d14	19.53	244	140478	5.49	ng	-0.01

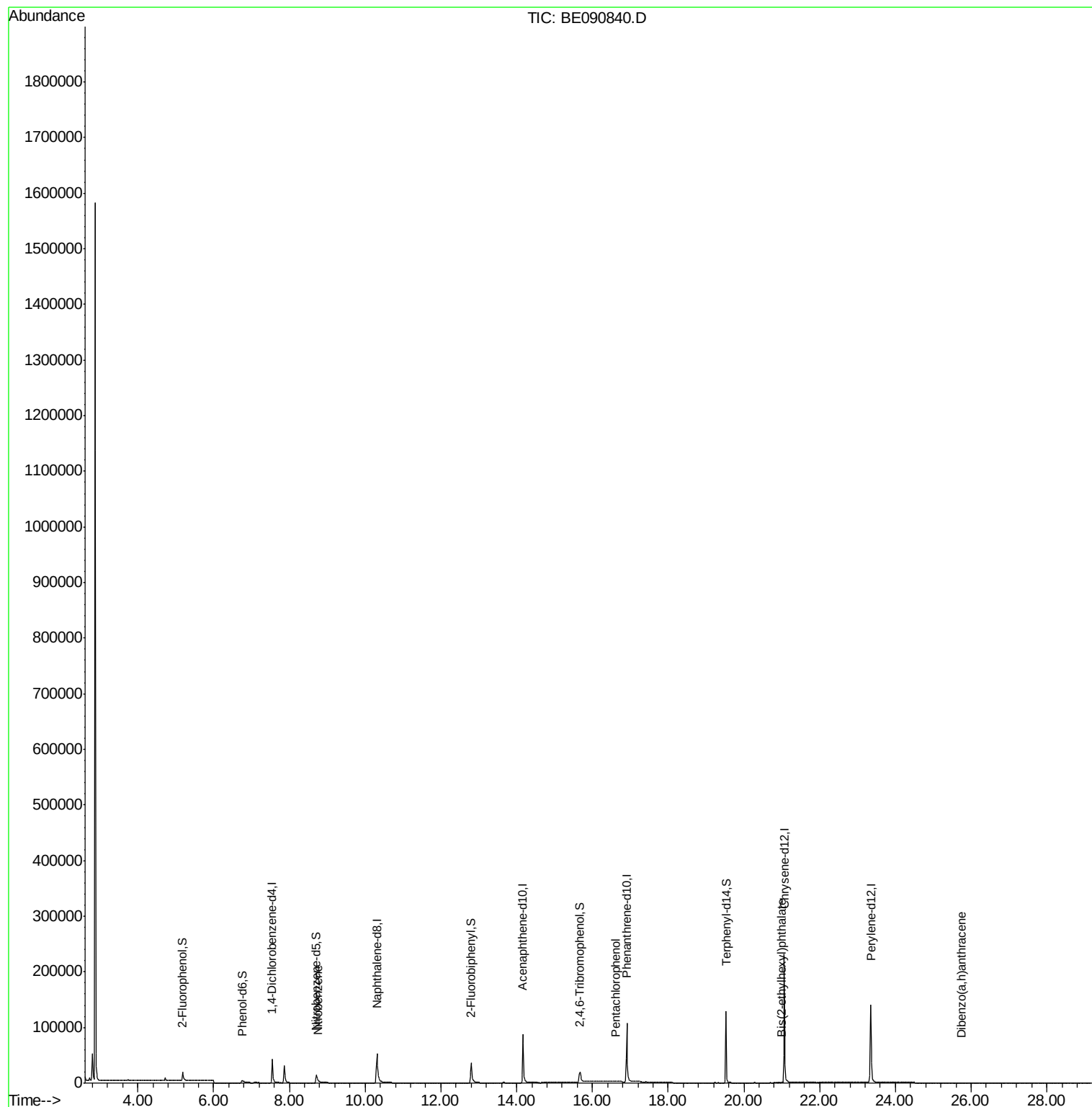
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	24	Below Cal	#	16
3) n-Nitrosodimethylamine	3.43	42	32	Below Cal	#	46
8) Nitrobenzene	8.76	77	4	0.11 ng	#	1
20) Hexachlorobenzene	16.23	284	88	Below Cal	#	60
21) Pentachlorophenol	16.61	266	29	0.47 ng	#	61
29) Chrysene	21.07	228	920	Below Cal	#	80
30) Bis(2-ethylhexyl)phthalate	21.00	149	1647	0.19 ng	#	99
36) Dibenzo(a,h)anthracene	25.74	278	9	0.14 ng	#	1

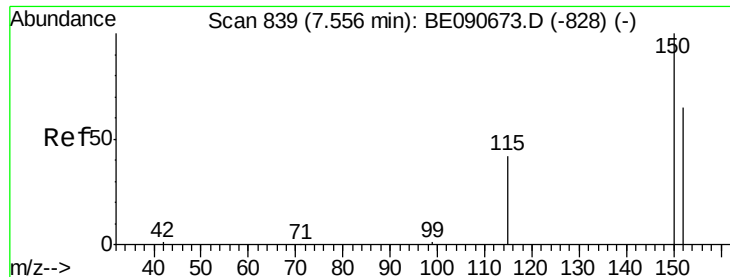
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090840.D

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BNA_E

ClientSampleId :

091315-PRKA-F-U-B

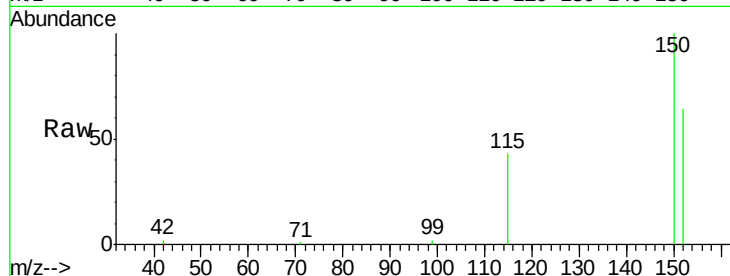
Tgt Ion: 152 Resp: 27238

Ion Ratio Lower Upper

152 100

150 157.2 122.2 183.4

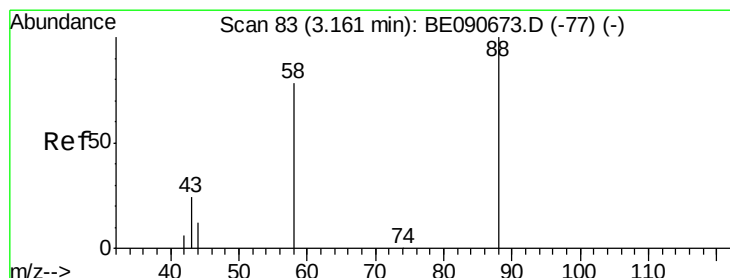
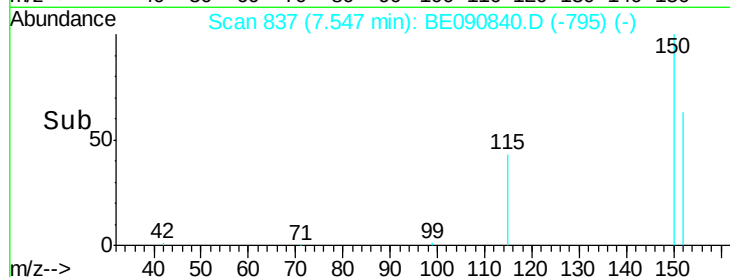
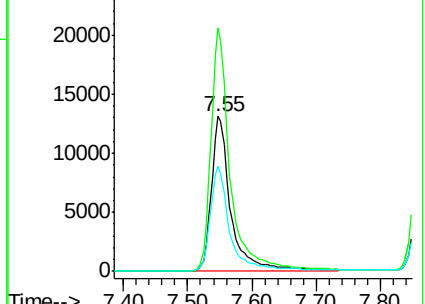
115 67.9 51.0 76.4



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: 3.32 min Scan# 106

Delta R.T. 0.16 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

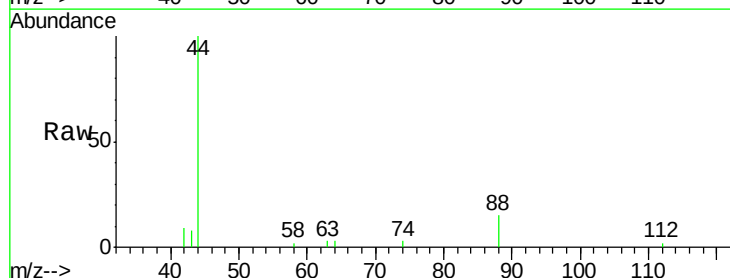
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

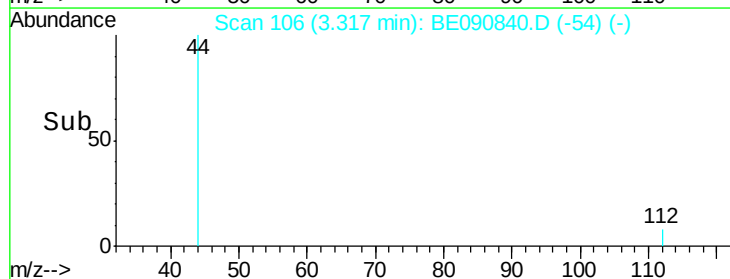
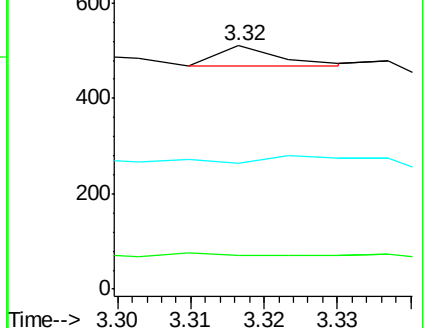
43 0.0 26.9 40.3#

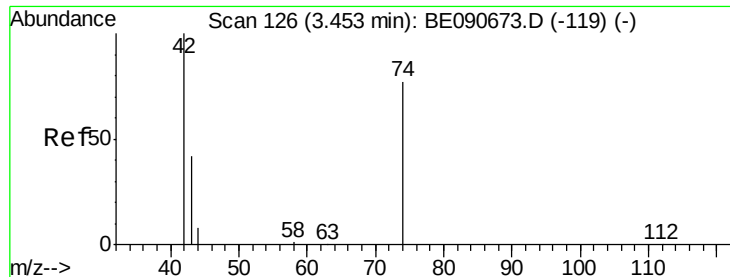


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



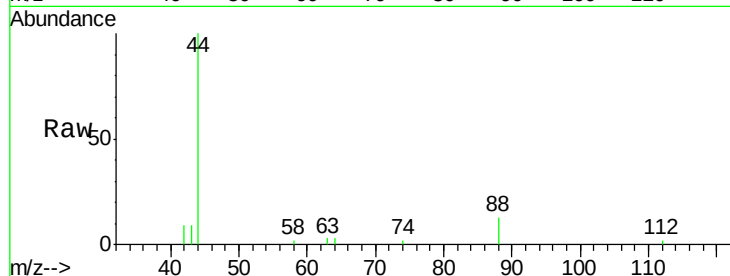


#3

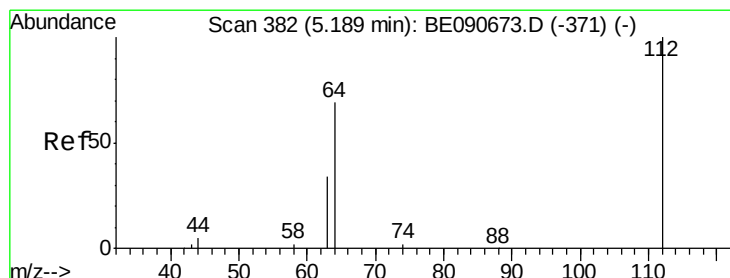
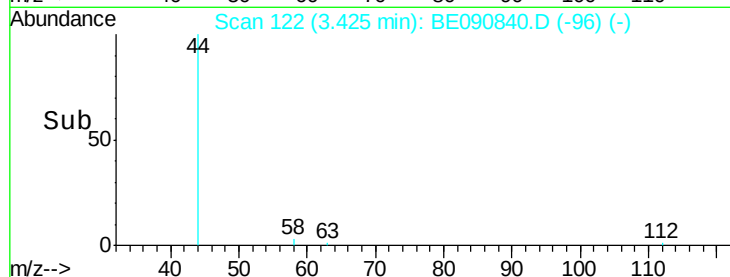
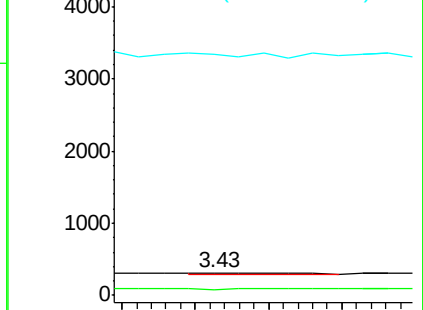
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.43 min Scan# 122
Delta R.T. -0.03 min
Lab File: BE090840.D
Acq: 15 Sep 2015 19:25

Instrument :
BNA_E
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Tgt Ion: 42 Resp: 32
Ion Ratio Lower Upper
42 100
74 46.9 83.7 125.5#
44 0.0 10.0 15.0#



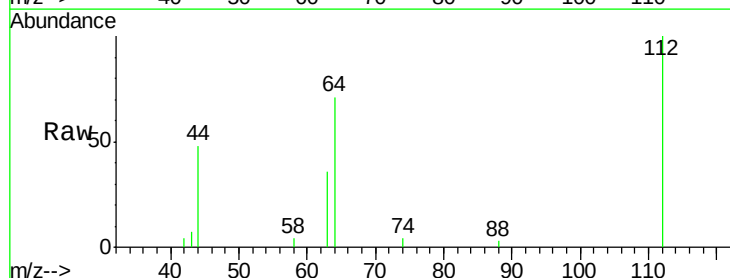
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



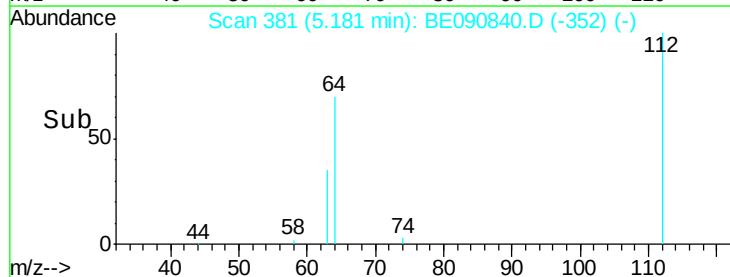
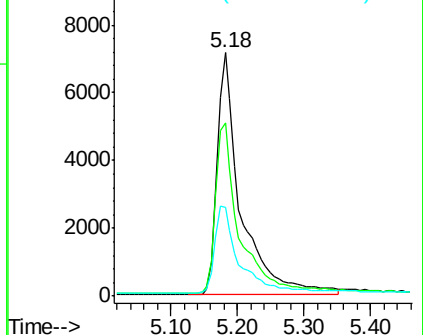
#4

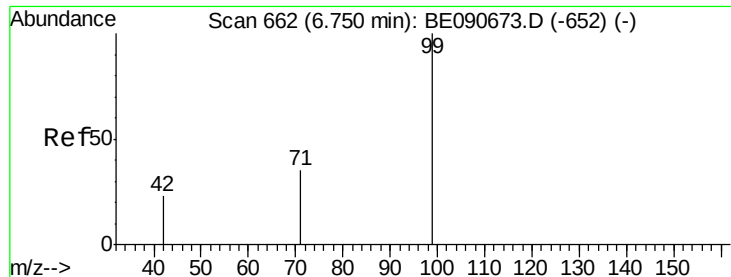
2-Fluorophenol
Concen: 3.27 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090840.D
Acq: 15 Sep 2015 19:25

Tgt Ion: 112 Resp: 17295
Ion Ratio Lower Upper
112 100
64 72.4 57.3 85.9
63 38.9 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: 1.78 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-U-B

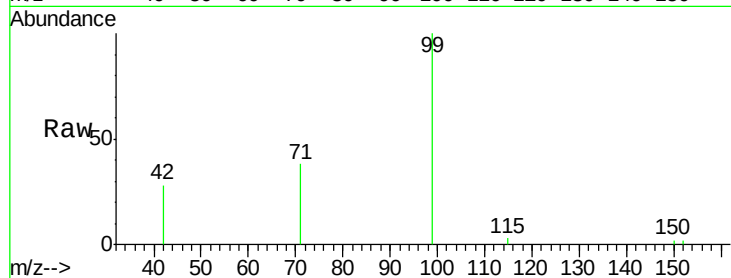
Tgt Ion: 99 Resp: 13507

Ion Ratio Lower Upper

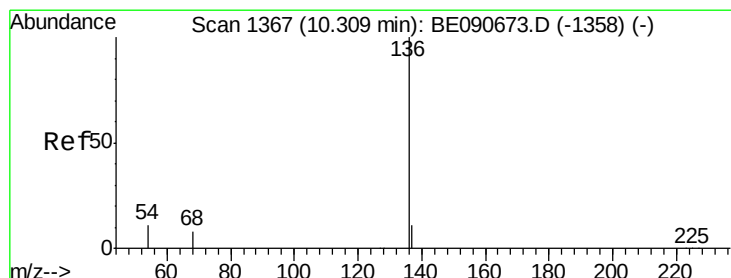
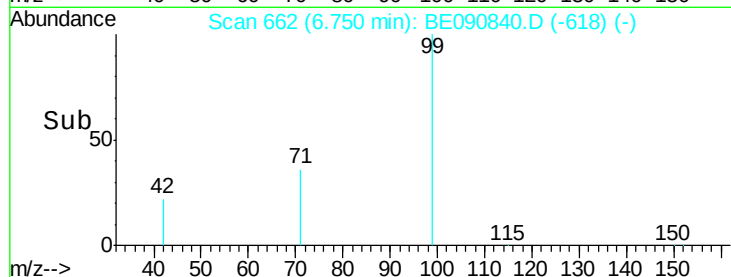
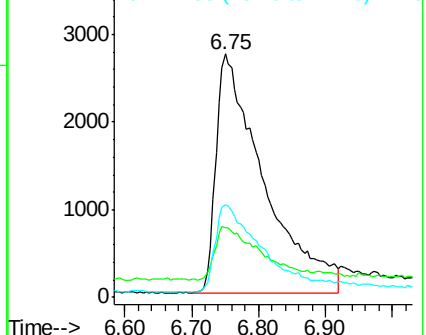
99 100

42 21.5 16.8 25.2

71 37.0 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: BE090840.D

Acq: 15 Sep 2015 19:25

Tgt Ion: 136 Resp: 117207

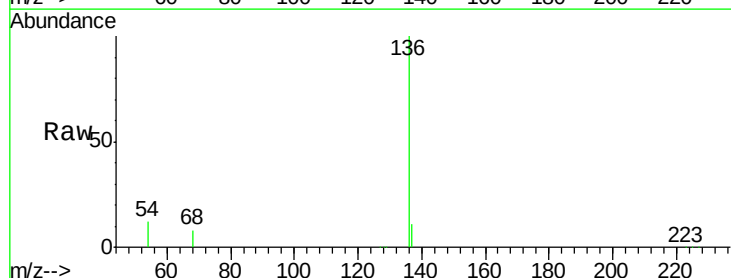
Ion Ratio Lower Upper

136 100

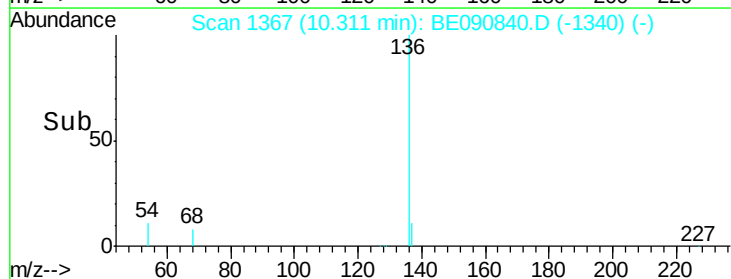
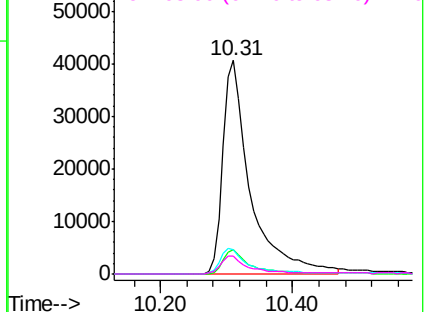
137 11.3 8.7 13.1

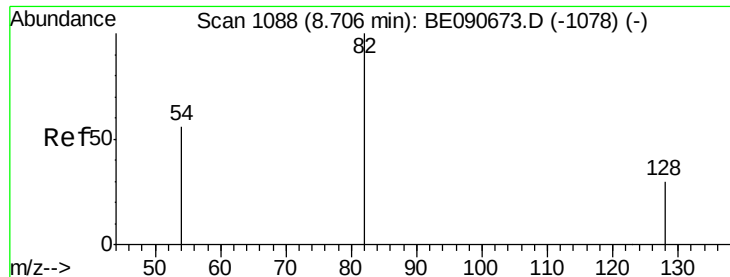
54 11.7 9.0 13.6

68 8.3 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: 3.71 ng

RT: 8.72 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-U-B

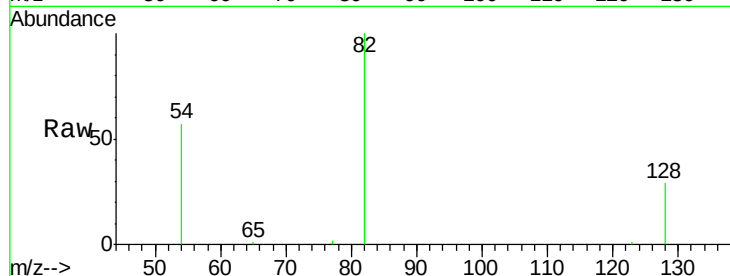
Tgt Ion: 82 Resp: 28733

Ion Ratio Lower Upper

82 100

128 29.4 25.0 37.4

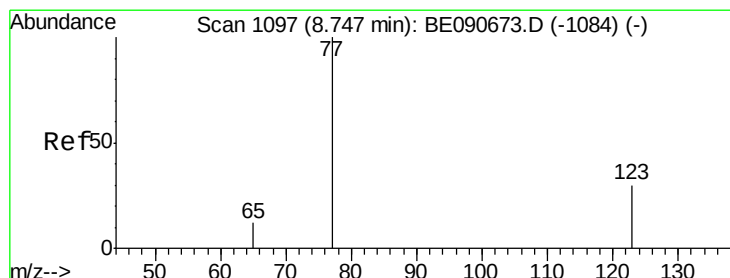
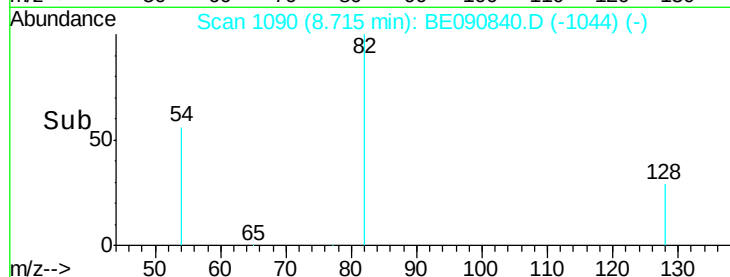
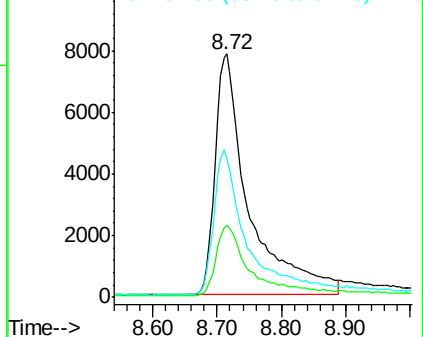
54 56.9 46.3 69.5



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# 1099

Delta R.T. 0.01 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

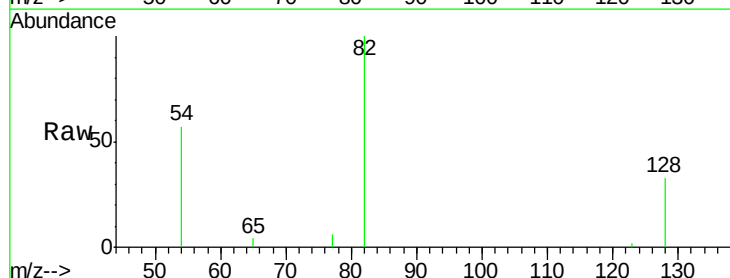
Tgt Ion: 77 Resp: 4

Ion Ratio Lower Upper

77 100

123 150.0 25.1 37.7#

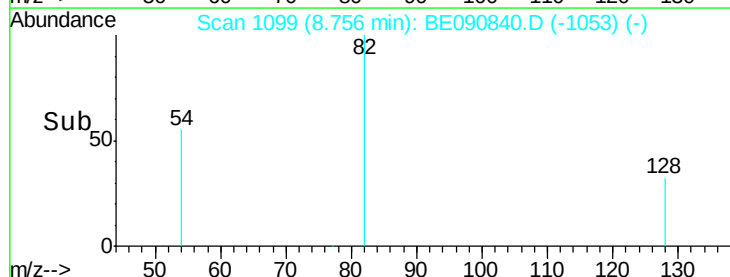
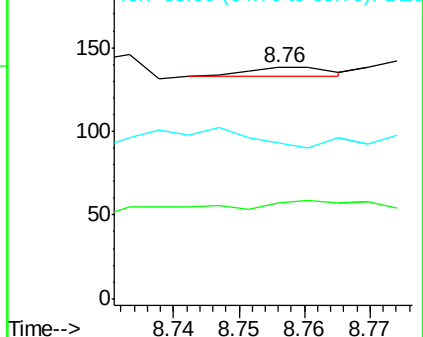
65 400.0 9.9 14.9#

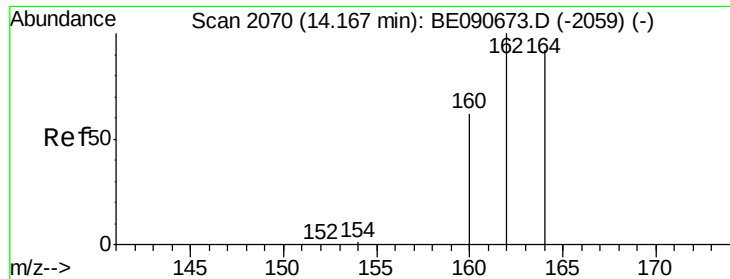


Abundance Ion 77.00 (76.70 to 77.70): BE0

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# 2070

Delta R.T. -0.00 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

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ClientSampleId :

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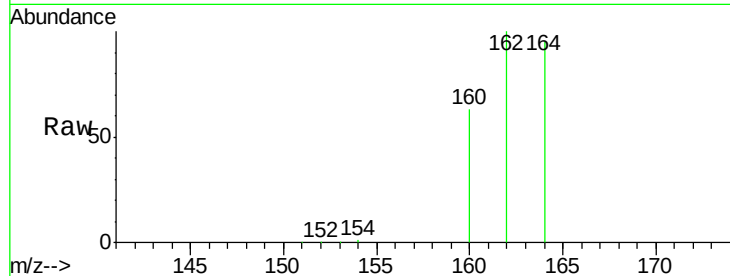
Tgt Ion:164 Resp: 58132

Ion Ratio Lower Upper

164 100

162 105.5 86.8 130.2

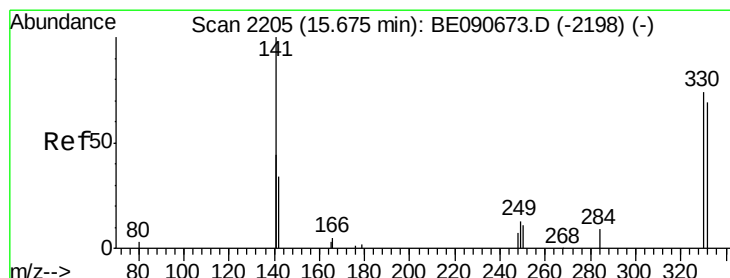
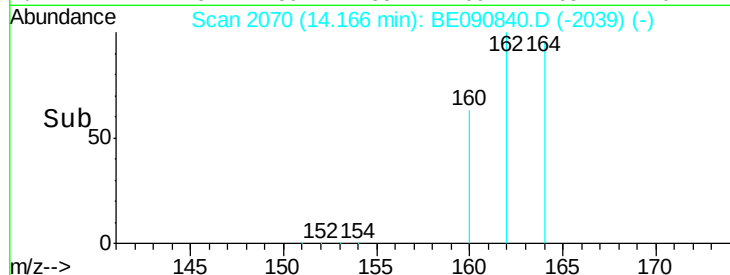
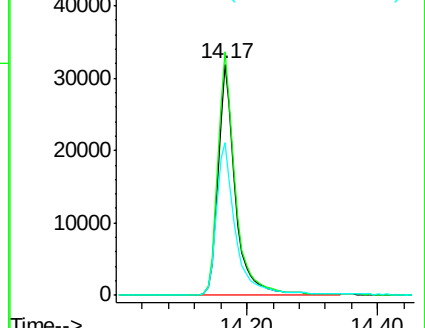
160 66.1 53.9 80.9



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: 6.94 ng

RT: 15.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

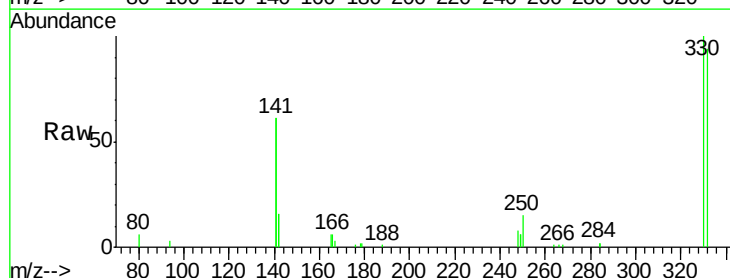
Tgt Ion:330 Resp: 11813

Ion Ratio Lower Upper

330 100

332 96.1 74.9 112.3

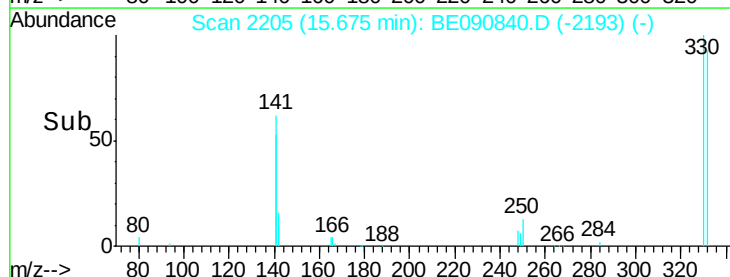
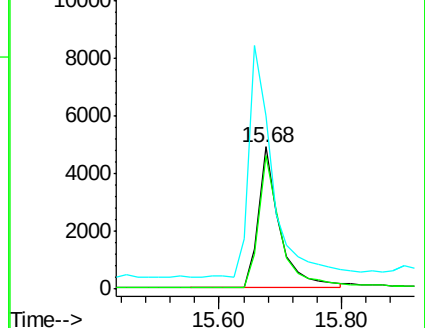
141 184.9 145.2 217.8

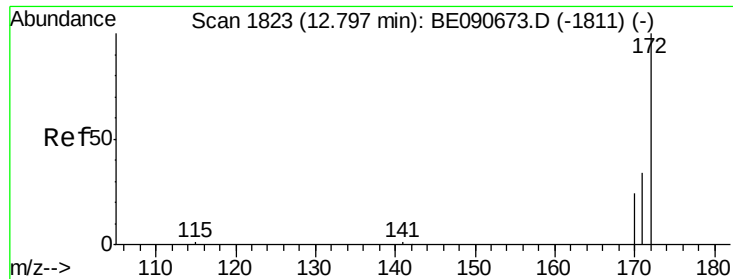


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

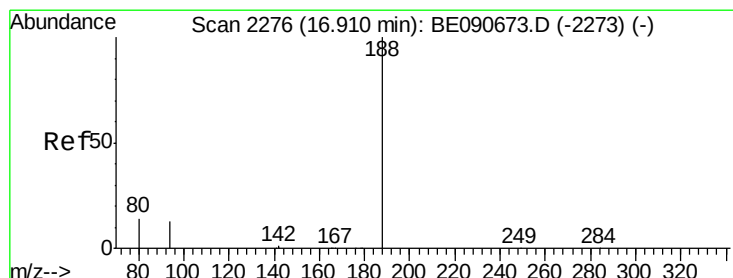
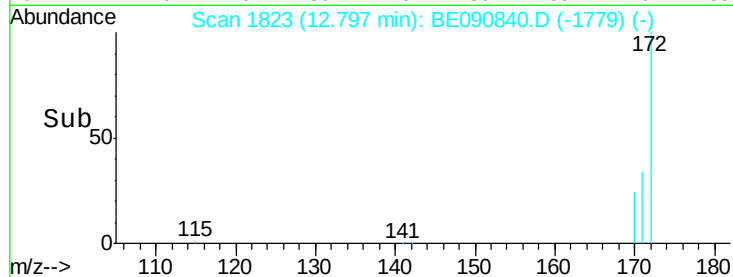
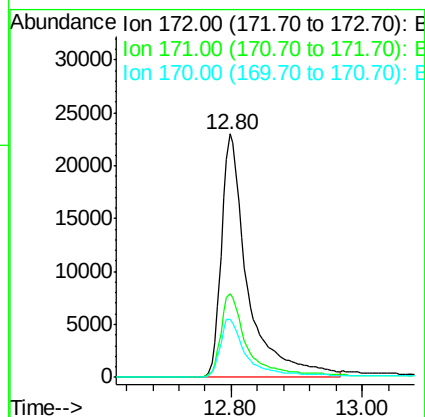
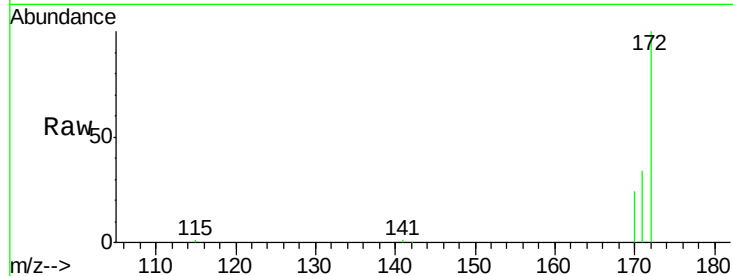




#14
2-Fluorobiphenyl
Concen: 3.96 ng
RT: 12.80 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BE090840.D
Acq: 15 Sep 2015 19:25

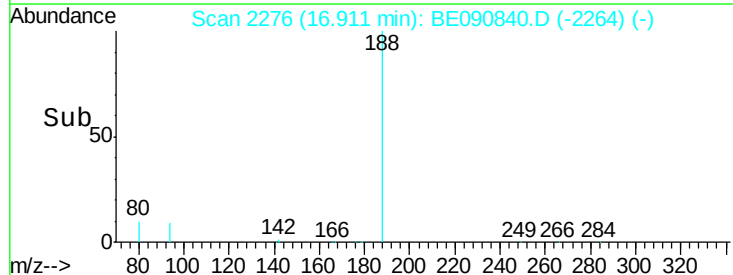
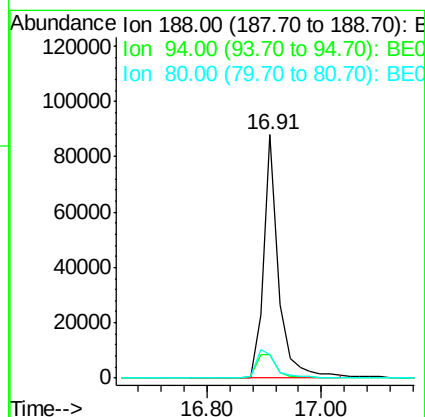
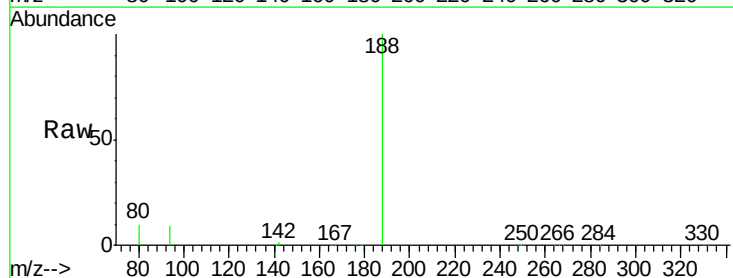
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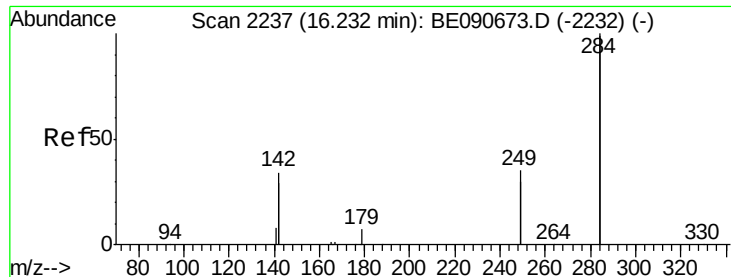
Tgt Ion:172 Resp: 63700
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.8 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090840.D
Acq: 15 Sep 2015 19:25

Tgt Ion:188 Resp: 160456
Ion Ratio Lower Upper
188 100
94 9.5 10.3 15.5#
80 9.9 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-U-B

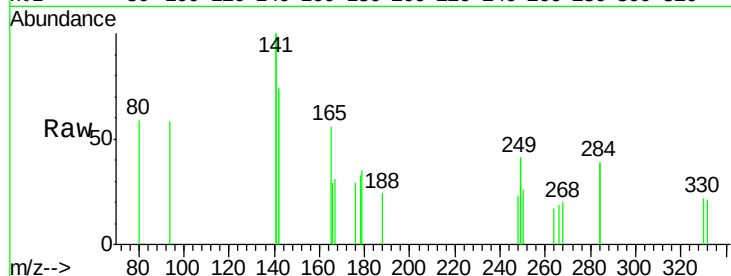
Tgt Ion: 284 Resp: 88

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

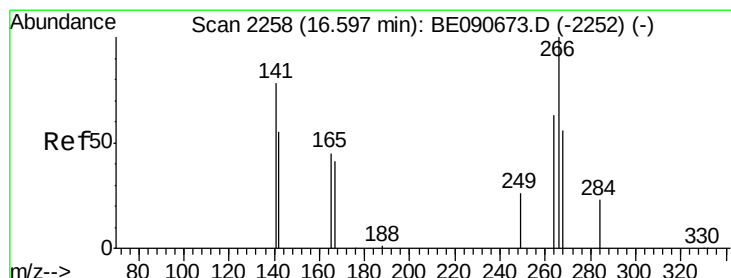
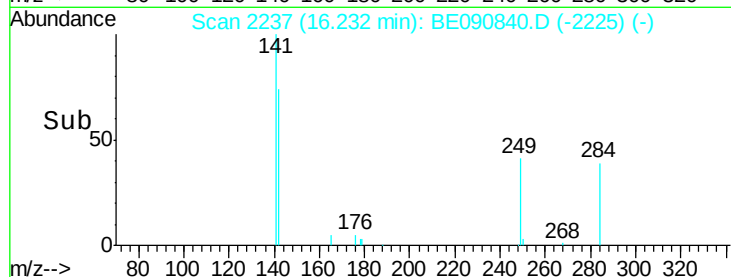
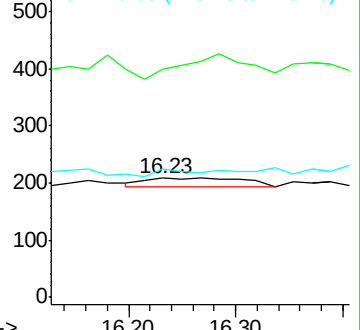
249 30.7 25.5 38.3



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: 16.61 min Scan# 2259

Delta R.T. 0.02 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

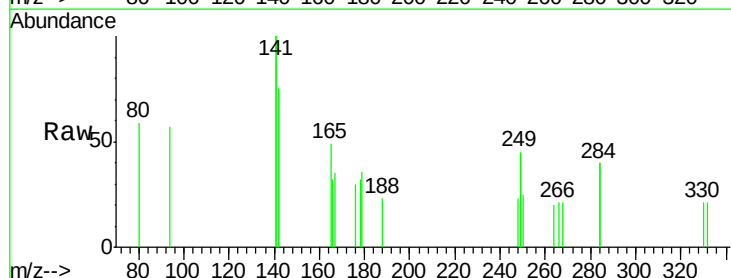
Tgt Ion: 266 Resp: 29

Ion Ratio Lower Upper

266 100

268 96.3 49.6 74.4#

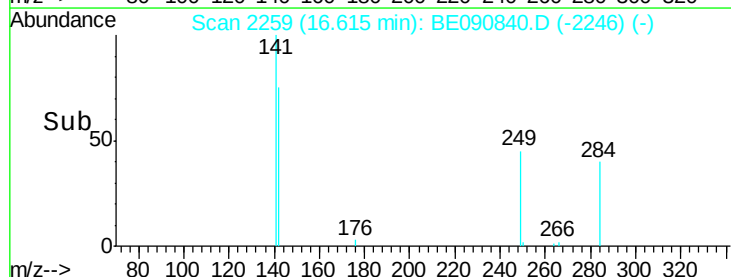
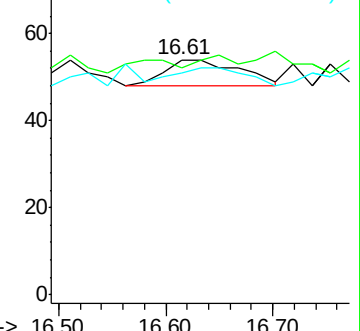
264 94.4 53.9 80.9#

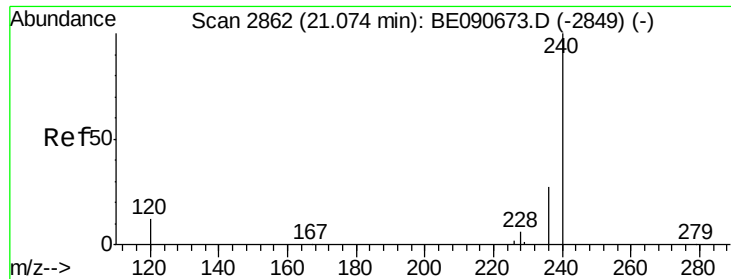


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

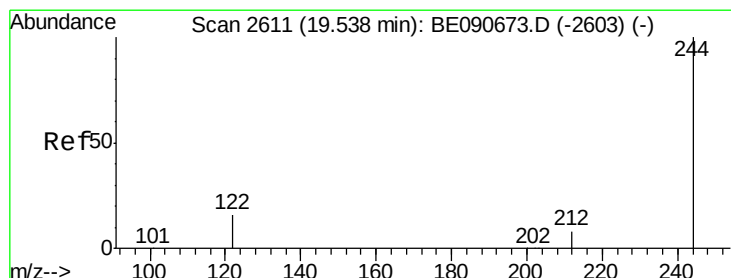
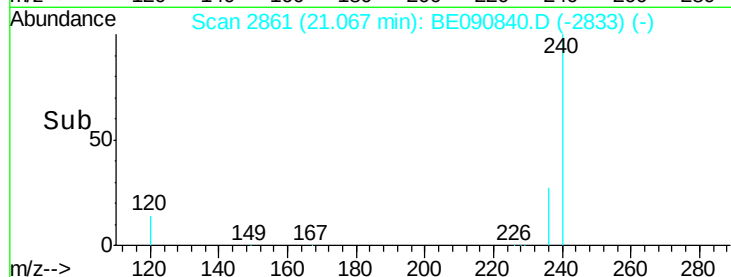
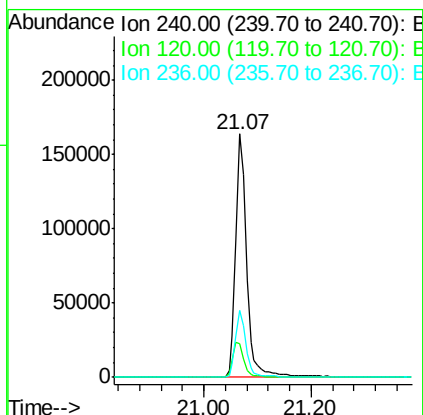
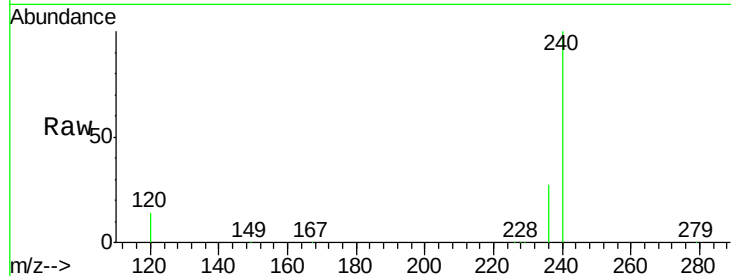




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BE090840.D
Acq: 15 Sep 2015 19:25

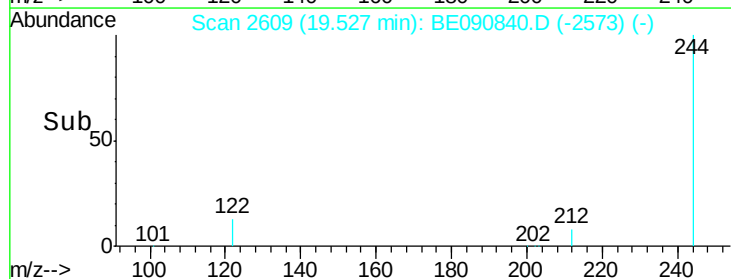
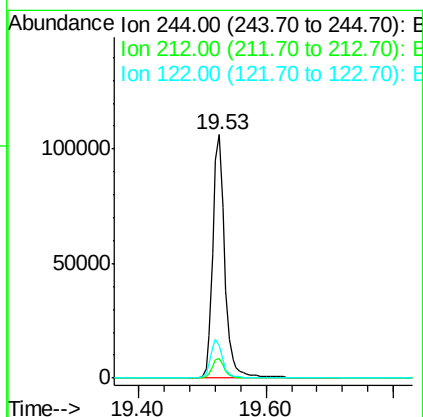
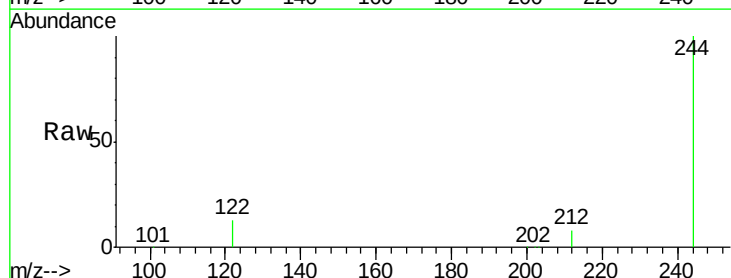
Instrument :
BNA_E
ClientSampleId :
091315-PRKA-F-U-B

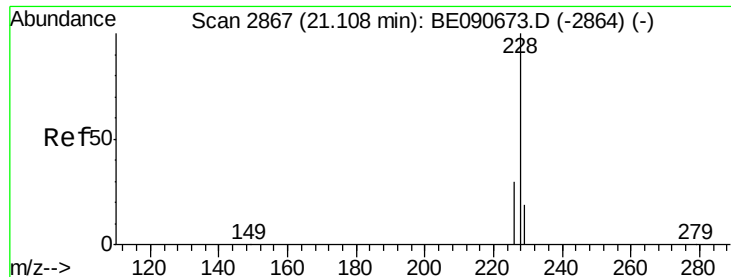
Tgt Ion:240 Resp: 231145
Ion Ratio Lower Upper
240 100
120 13.9 10.1 15.1
236 27.3 21.9 32.9



#27
Terphenyl-d14
Concen: 5.49 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090840.D
Acq: 15 Sep 2015 19:25

Tgt Ion:244 Resp: 140478
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 13.2 12.9 19.3





#29

Chrysene

Concen: Below Cal

RT: 21.07 min Scan# 2861

Delta R.T. -0.04 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

Instrument :

BNA_E

ClientSampleId :

091315-PRKA-F-U-B

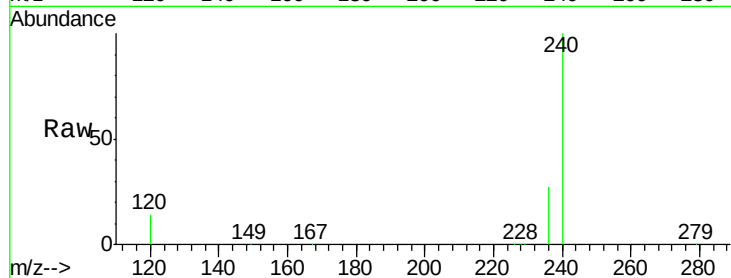
Tgt Ion:228 Resp: 920

Ion Ratio Lower Upper

228 100

226 26.2 24.2 36.4

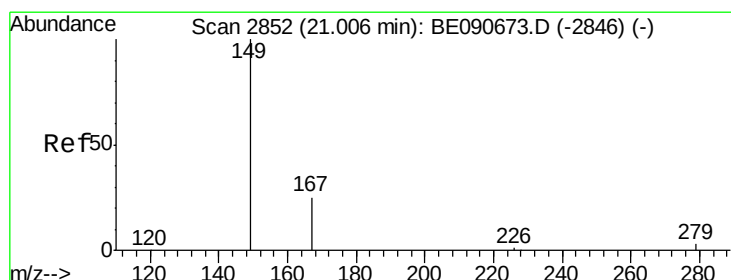
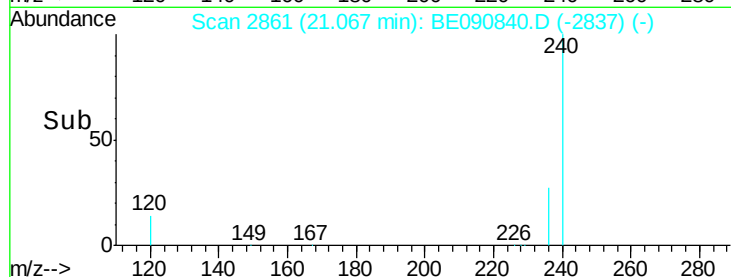
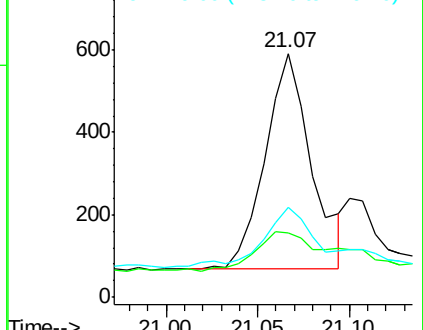
229 36.9 15.3 22.9#



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: 0.19 ng

RT: 21.00 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

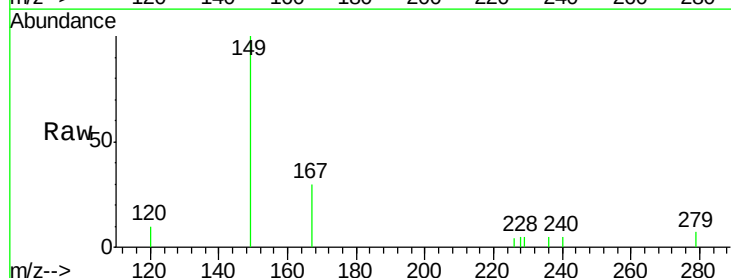
Tgt Ion:149 Resp: 1647

Ion Ratio Lower Upper

149 100

167 25.4 20.1 30.1

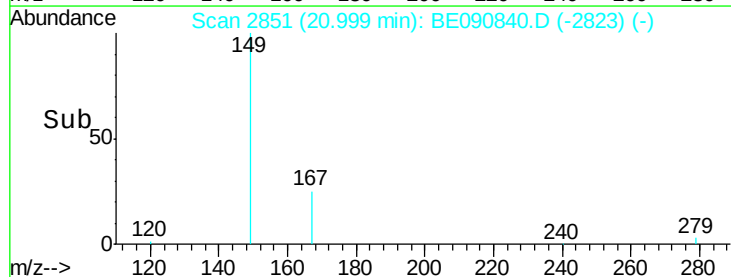
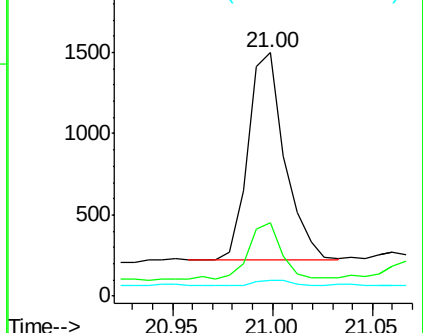
279 3.0 2.3 3.5

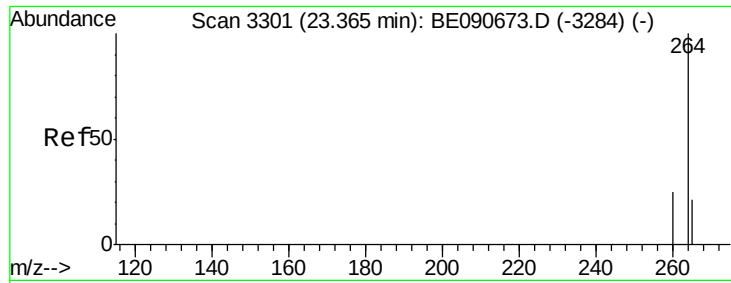


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

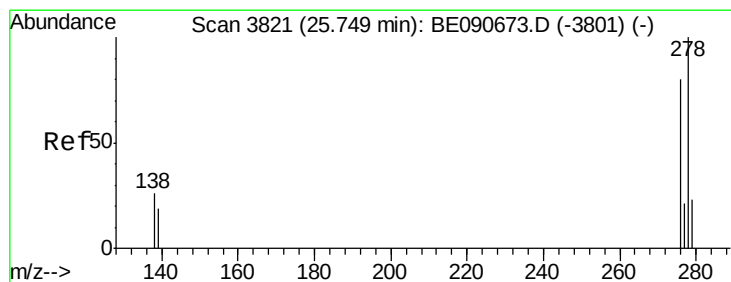
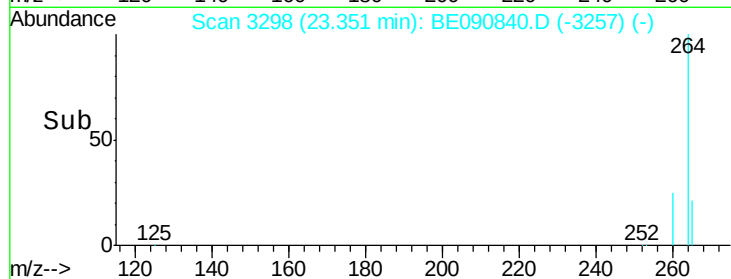
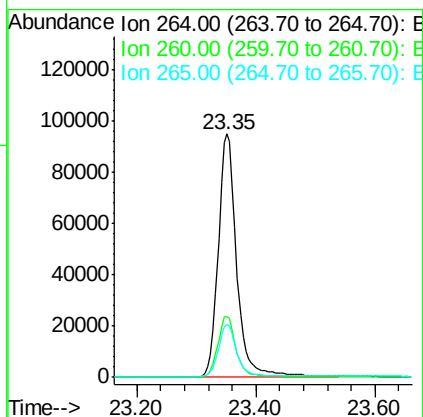
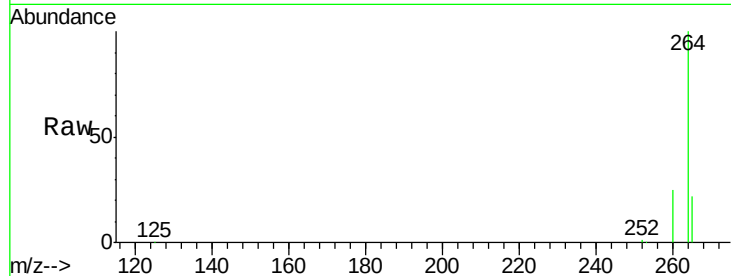




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BE090840.D
 Acq: 15 Sep 2015 19:25

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

Tgt Ion: 264 Resp: 205833
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.7 29.5
 265 21.8 17.5 26.3



#36
Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.74 min Scan# 3818
 Delta R.T. -0.01 min
 Lab File: BE090840.D
 Acq: 15 Sep 2015 19:25

Tgt Ion: 278 Resp: 9
 Ion Ratio Lower Upper
 278 100
 139 150.8 15.4 23.0#
 279 127.7 18.8 28.2#

