

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
 Data File : BE090831.D
 Acq On : 15 Sep 2015 14:00
 Operator : UM/IZ
 Sample : G3658-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091215-D534-E-D-S

Quant Time: Sep 15 14:34:09 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	28122	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	121778	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	66057	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	178837	5.00	ng	0.00
25) Chrysene-d12	21.07	240	232858	5.00	ng	0.00
32) Perylene-d12	23.35	264	216132	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	13900	2.55	ng	0.00
5) Phenol-d6	6.76	99	11185	1.43	ng	0.00
7) Nitrobenzene-d5	8.72	82	25832	3.21	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	11773	6.11	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	64565	3.53	ng	0.00
27) Terphenyl-d14	19.53	244	130305	5.06	ng	-0.01

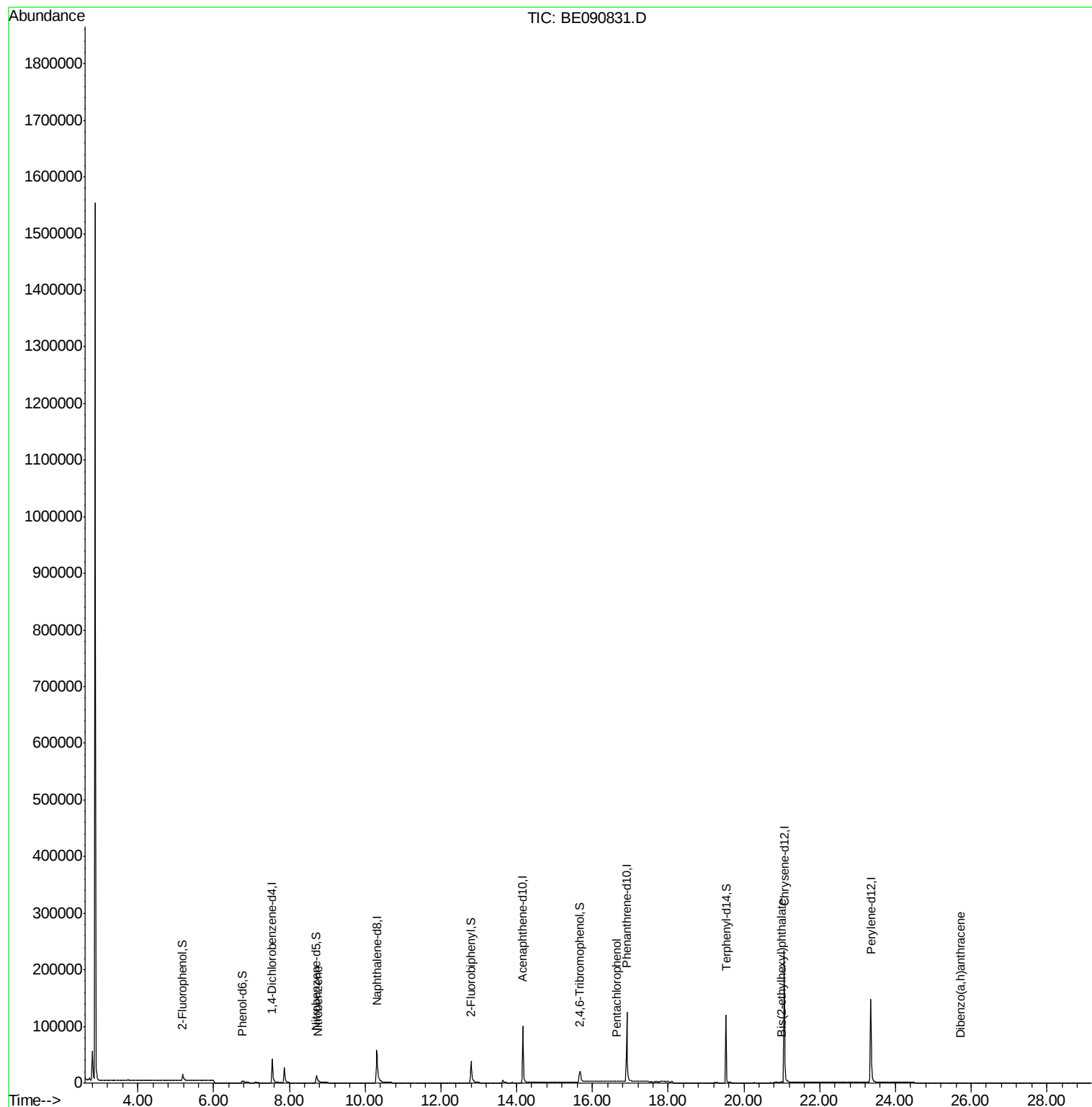
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	175	Below Cal	#	22
3) n-Nitrosodimethylamine	3.44	42	30	Below Cal	#	1
8) Nitrobenzene	8.76	77	8	0.11 ng	#	5
20) Hexachlorobenzene	16.20	284	49	Below Cal	#	1
21) Pentachlorophenol	16.63	266	25	0.47 ng	#	63
29) Chrysene	21.07	228	1019	Below Cal	#	78
30) Bis(2-ethylhexyl)phthalate	21.00	149	1677	0.19 ng		100
36) Dibenzo(a,h)anthracene	25.73	278	7	0.14 ng	#	1

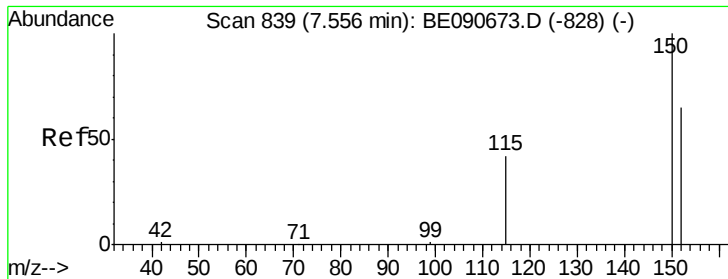
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090831.D

Acq: 15 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-D-S

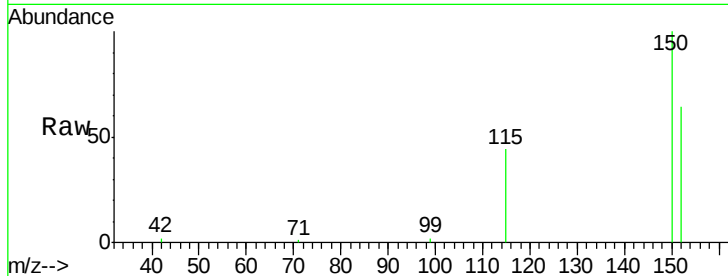
Tgt Ion:152 Resp: 28122

Ion Ratio Lower Upper

152 100

150 156.1 122.2 183.4

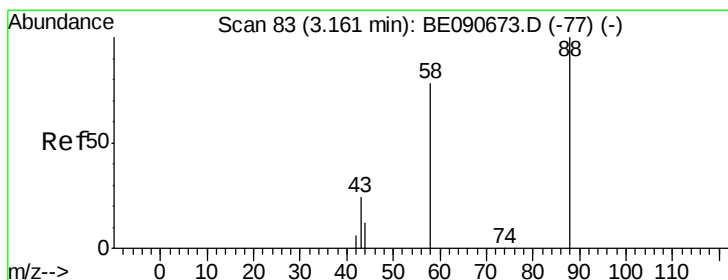
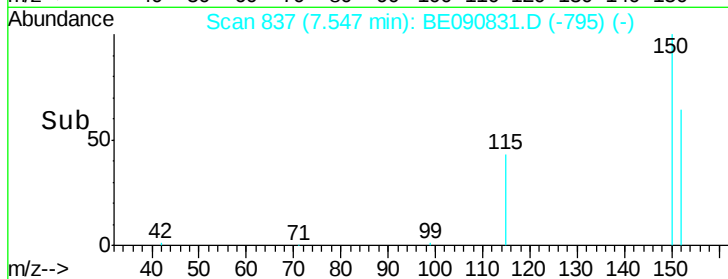
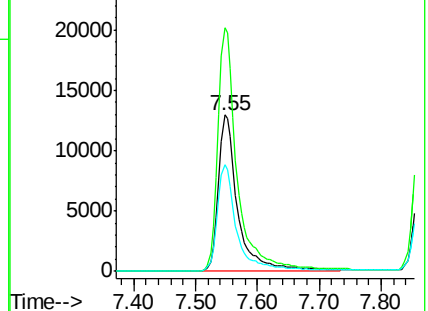
115 68.1 51.0 76.4



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# 92

Delta R.T. 0.06 min

Lab File: BE090831.D

Acq: 15 Sep 2015 14:00

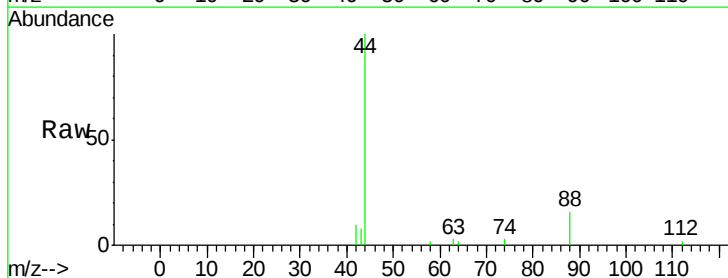
Tgt Ion: 88 Resp: 175

Ion Ratio Lower Upper

88 100

58 6.9 68.4 102.6#

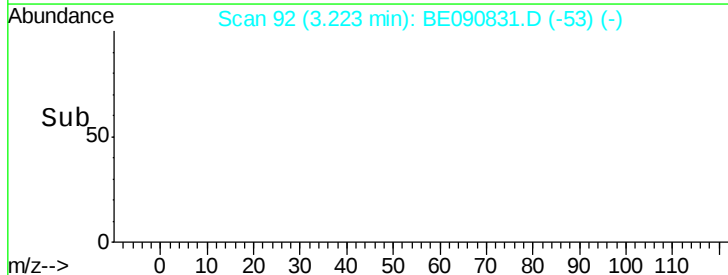
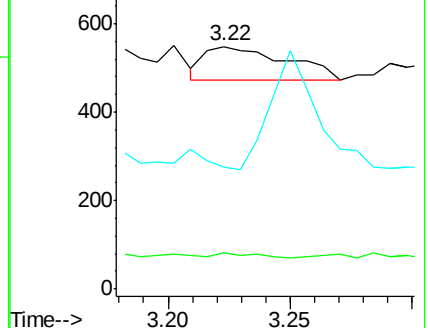
43 0.0 26.9 40.3#



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: 3.44 min Scan# 124

Delta R.T. -0.01 min

Lab File: BE090831.D

Acq: 15 Sep 2015 14:00

Instrument :

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ClientSampleId :

091215-D534-E-D-S

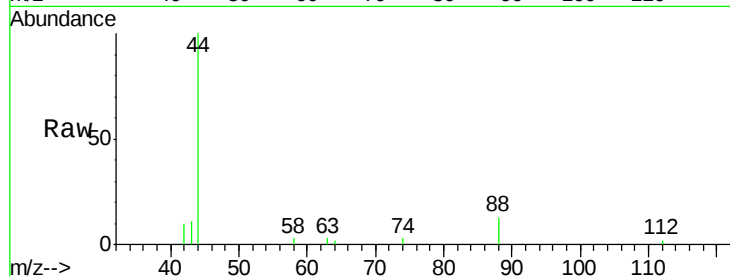
Tgt Ion: 42 Resp: 30

Ion Ratio Lower Upper

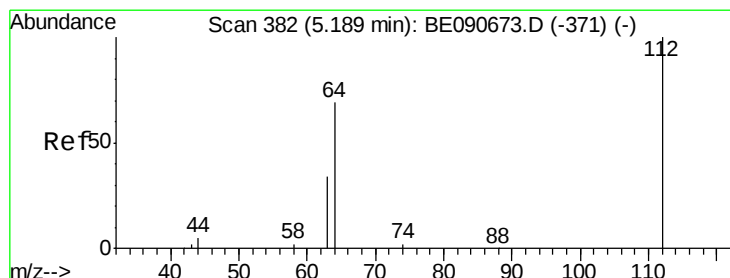
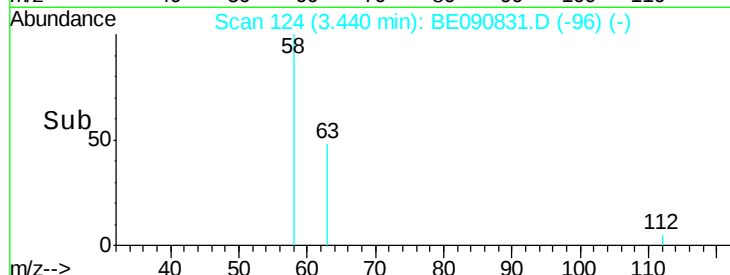
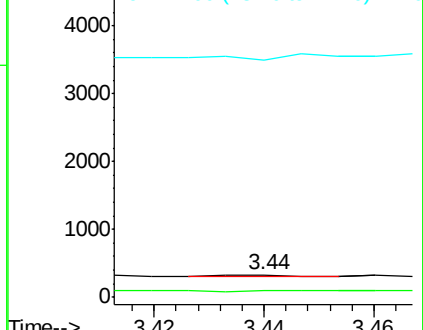
42 100

74 60.0 83.7 125.5#

44 420.0 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: 2.55 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090831.D

Acq: 15 Sep 2015 14:00

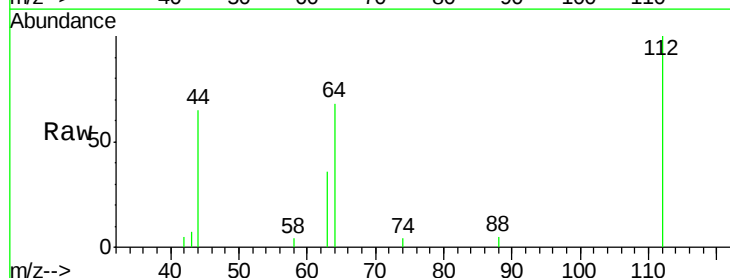
Tgt Ion: 112 Resp: 13900

Ion Ratio Lower Upper

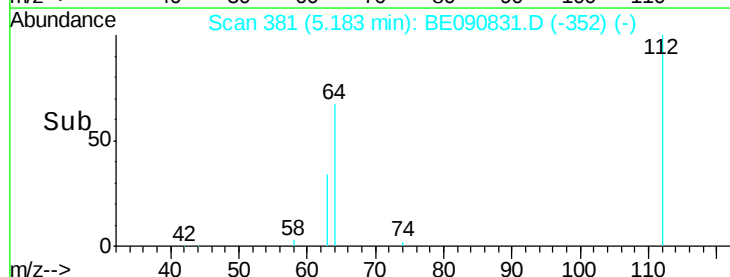
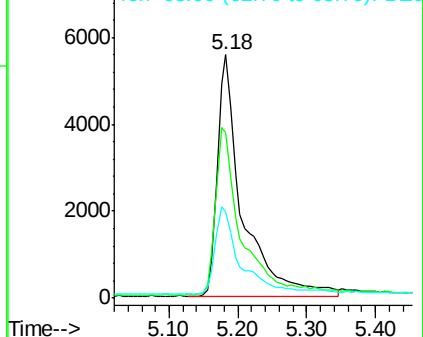
112 100

64 72.5 57.3 85.9

63 38.0 29.2 43.8



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: 1.43 ng

RT: 6.76 min Scan# 664

Delta R.T. 0.01 min

Lab File: BE090831.D

Acq: 15 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-D-S

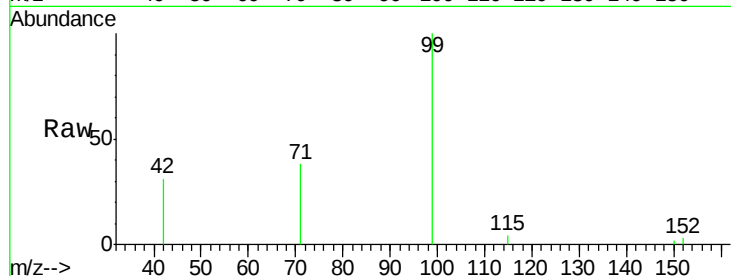
Tgt Ion: 99 Resp: 11185

Ion Ratio Lower Upper

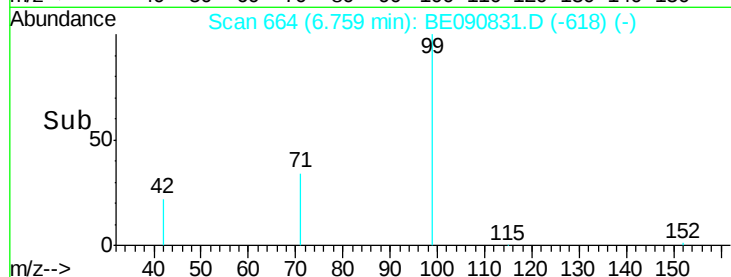
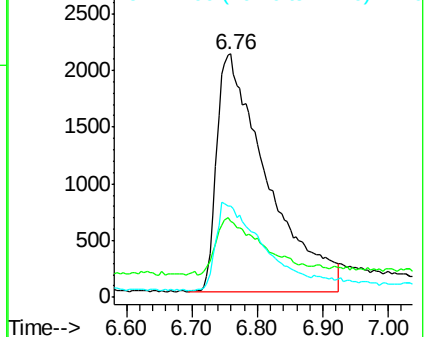
99 100

42 22.4 16.8 25.2

71 34.3 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: BE090831.D

Acq: 15 Sep 2015 14:00

Tgt Ion: 136 Resp: 121778

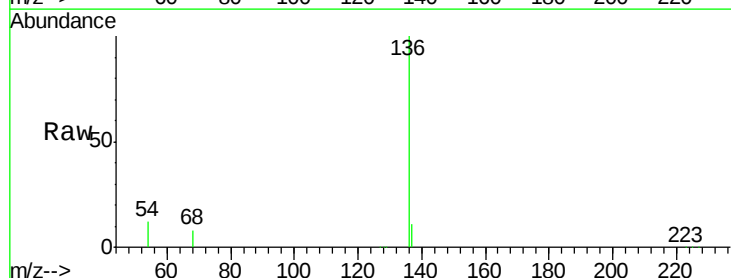
Ion Ratio Lower Upper

136 100

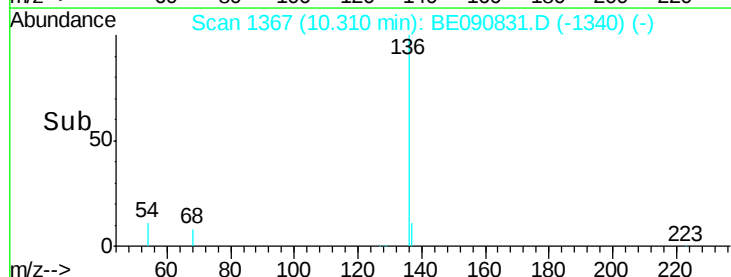
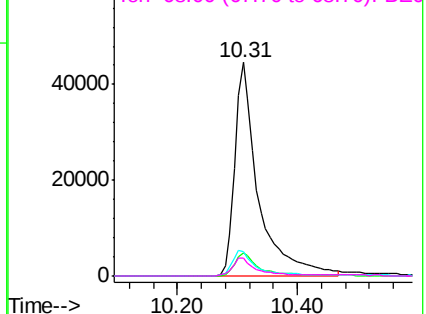
137 10.8 8.7 13.1

54 11.5 9.0 13.6

68 8.5 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: 3.21 ng

RT: 8.72 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE090831.D

Acq: 15 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-D-S

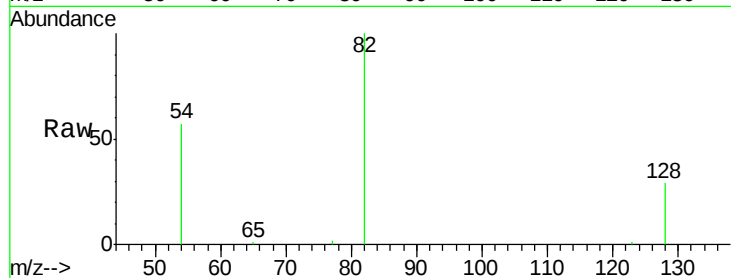
Tgt Ion: 82 Resp: 25832

Ion Ratio Lower Upper

82 100

128 29.2 25.0 37.4

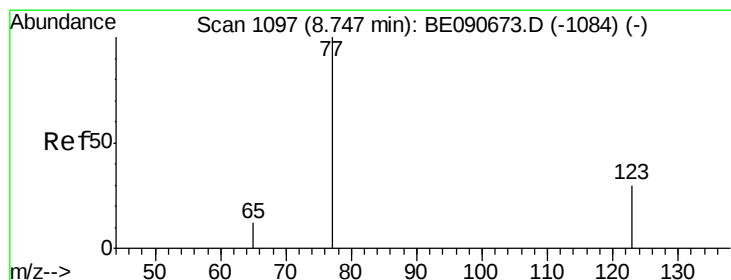
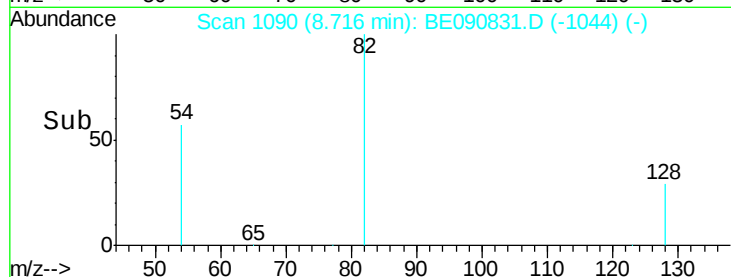
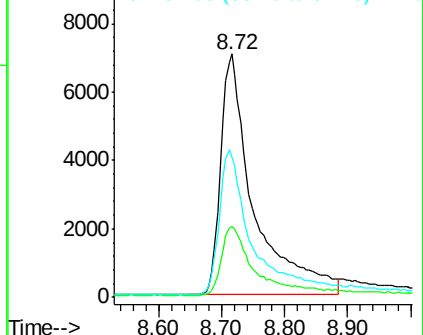
54 57.5 46.3 69.5



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: BE090831.D

Acq: 15 Sep 2015 14:00

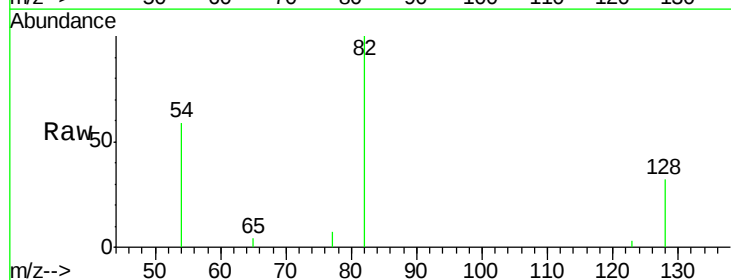
Tgt Ion: 77 Resp: 8

Ion Ratio Lower Upper

77 100

123 62.5 25.1 37.7#

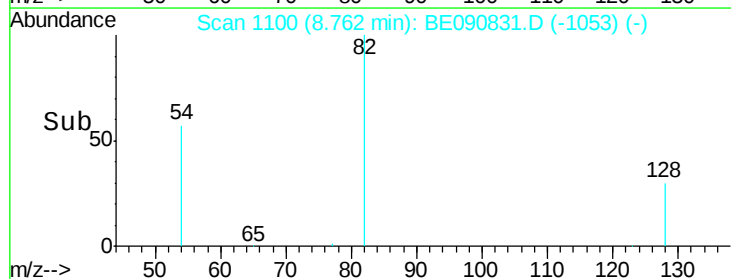
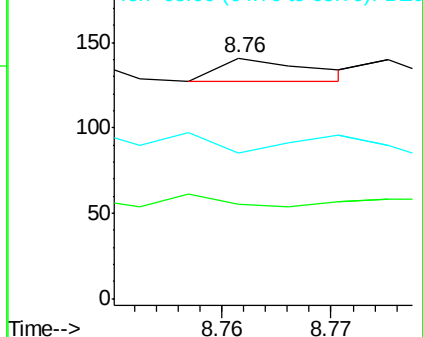
65 87.5 9.9 14.9#



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





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090831.D

Acq: 15 Sep 2015 14:00

Instrument :

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ClientSampleId :

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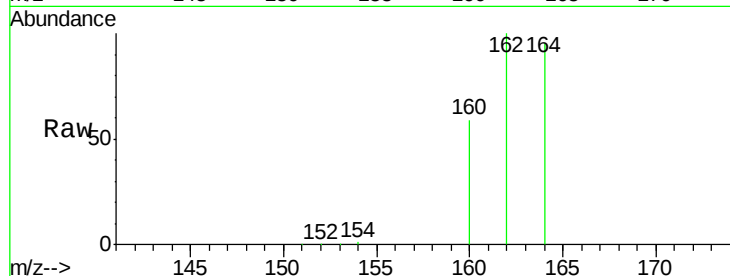
Tgt Ion:164 Resp: 66057

Ion Ratio Lower Upper

164 100

162 105.1 86.8 130.2

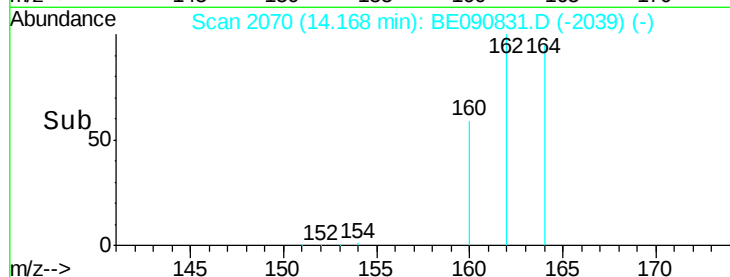
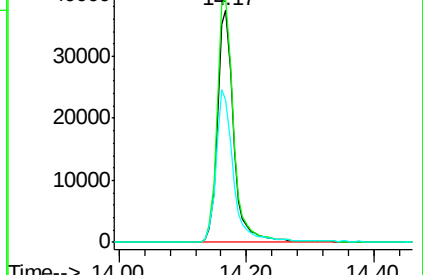
160 61.6 53.9 80.9



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# 2204

Delta R.T. -0.00 min

Lab File: BE090831.D

Acq: 15 Sep 2015 14:00

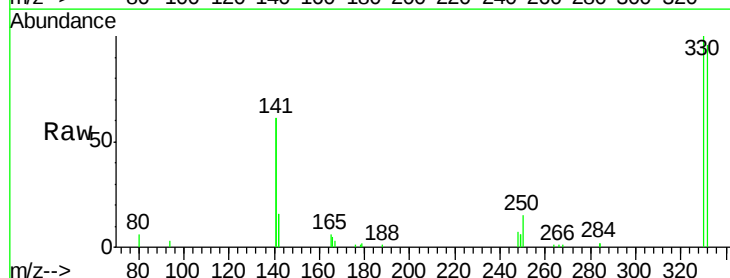
Tgt Ion:330 Resp: 11773

Ion Ratio Lower Upper

330 100

332 96.6 74.9 112.3

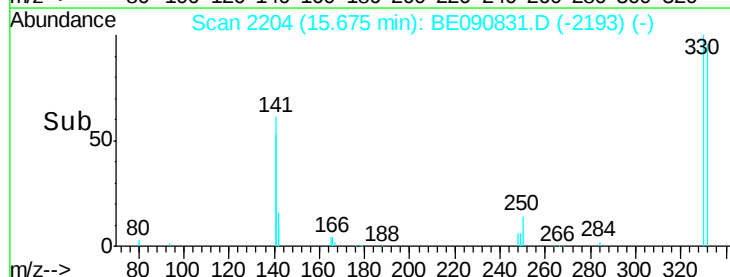
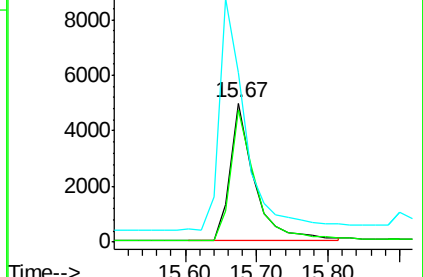
141 182.9 145.2 217.8



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

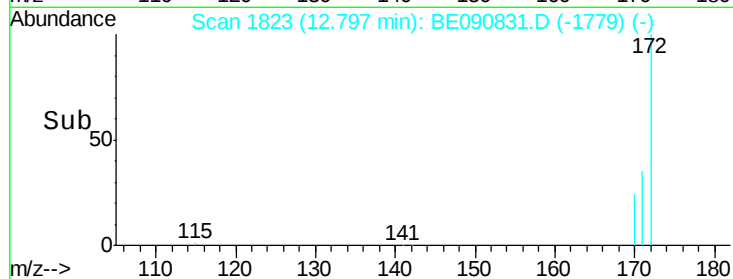
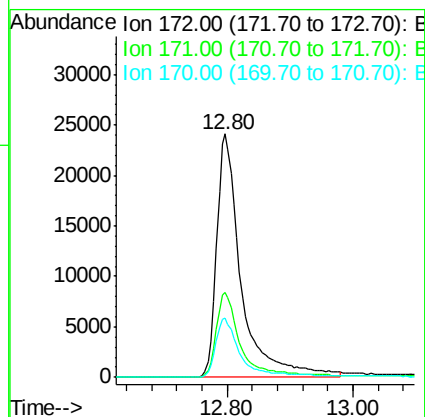
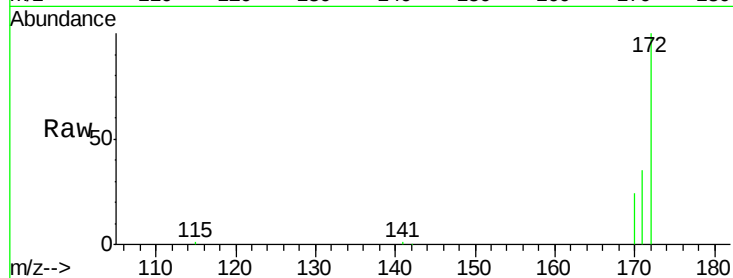




#14
2-Fluorobiphenyl
Concen: 3.53 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090831.D
Acq: 15 Sep 2015 14:00

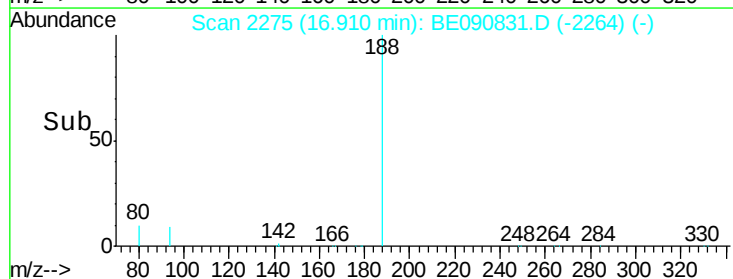
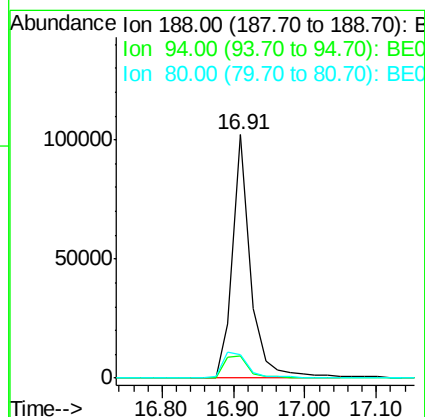
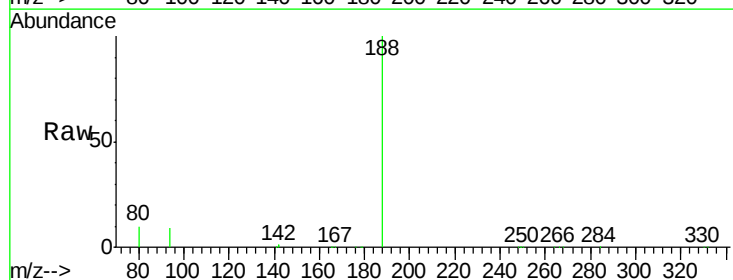
Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 64565
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 24.4 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090831.D
Acq: 15 Sep 2015 14:00

Tgt Ion:188 Resp: 178837
Ion Ratio Lower Upper
188 100
94 9.0 10.3 15.5#
80 9.9 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.20 min Scan# 2234

Delta R.T. -0.03 min

Lab File: BE090831.D

Acq: 15 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-D-S

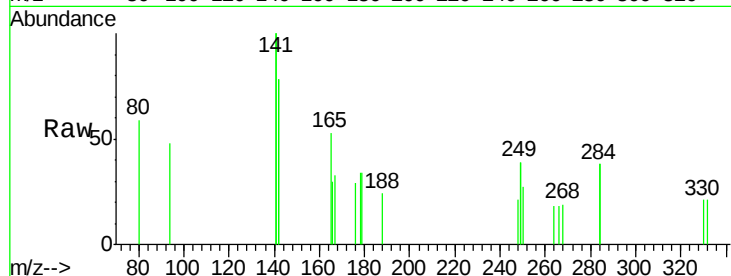
Tgt Ion:284 Resp: 49

Ion Ratio Lower Upper

284 100

142 949.0 35.0 52.4#

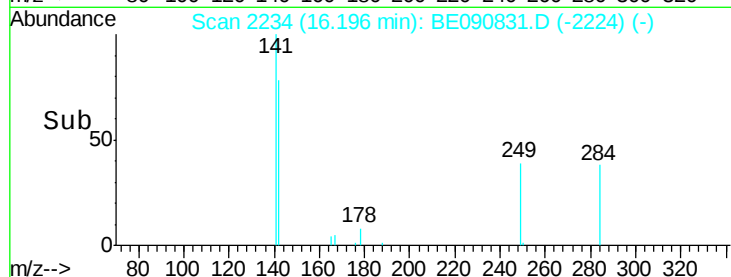
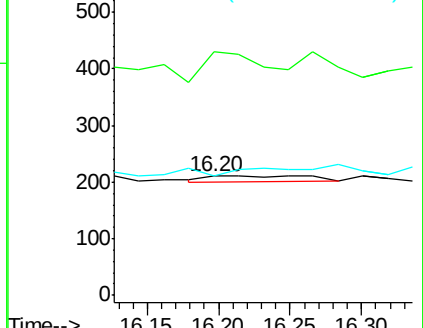
249 42.9 25.5 38.3#



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: 16.63 min Scan# 2259

Delta R.T. 0.03 min

Lab File: BE090831.D

Acq: 15 Sep 2015 14:00

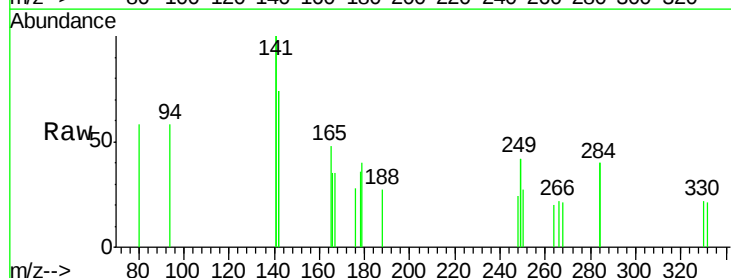
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

268 94.6 49.6 74.4#

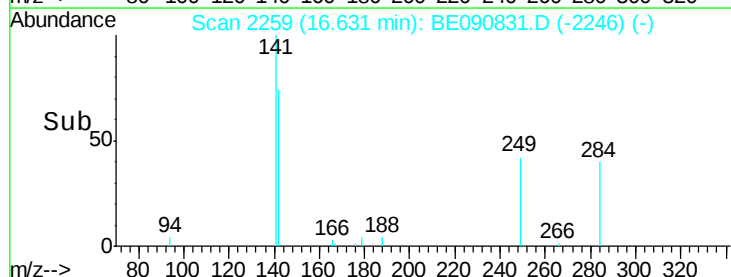
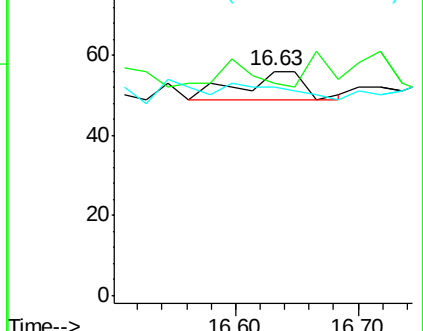
264 92.9 53.9 80.9#



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

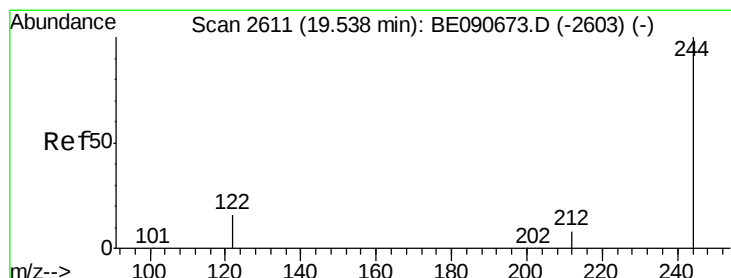
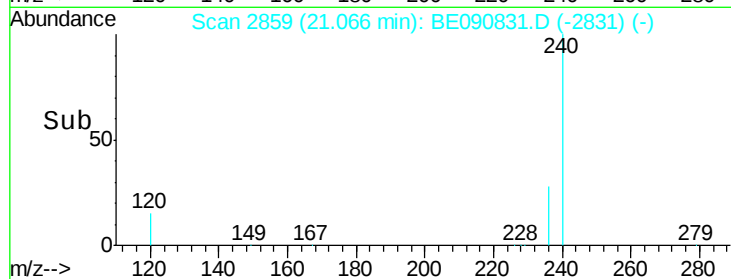
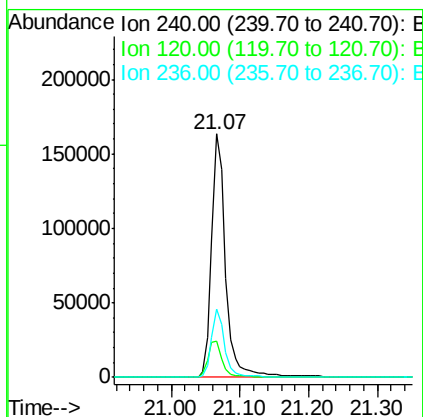
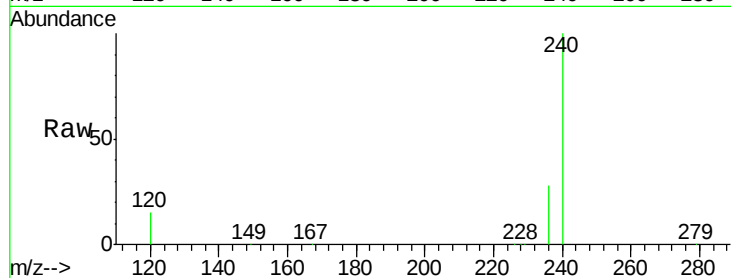




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE090831.D
Acq: 15 Sep 2015 14:00

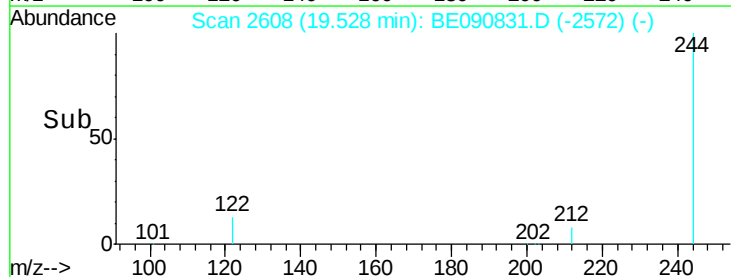
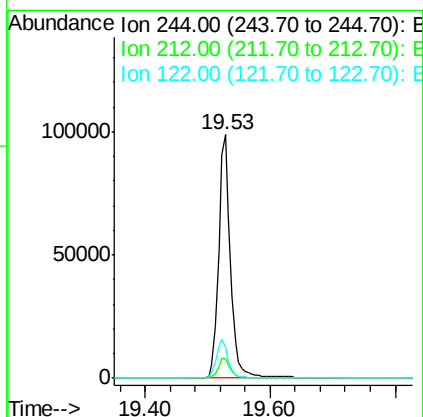
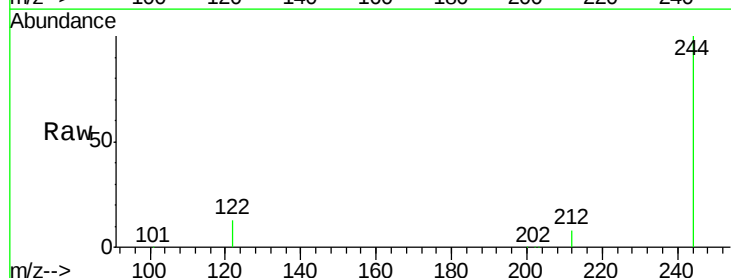
Instrument :
BNA_E
ClientSampleId :
091215-D534-E-D-S

Tgt Ion:240 Resp: 232858
Ion Ratio Lower Upper
240 100
120 14.7 10.1 15.1
236 27.8 21.9 32.9



#27
Terphenyl-d14
Concen: 5.06 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090831.D
Acq: 15 Sep 2015 14:00

Tgt Ion:244 Resp: 130305
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 12.9 12.9 19.3#





#29

Chrysene

Concen: Below Cal

RT: 21.07 min Scan# 2859

Delta R.T. -0.04 min

Lab File: BE090831.D

Acq: 15 Sep 2015 14:00

Instrument :

BNA_E

ClientSampleId :

091215-D534-E-D-S

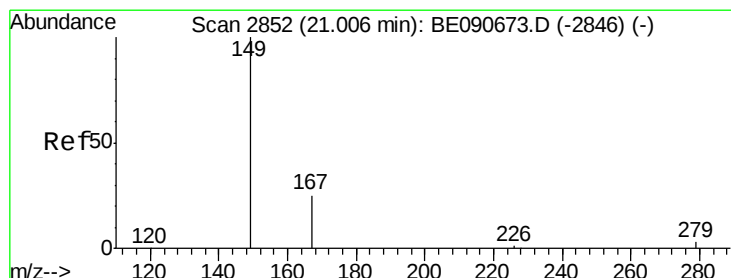
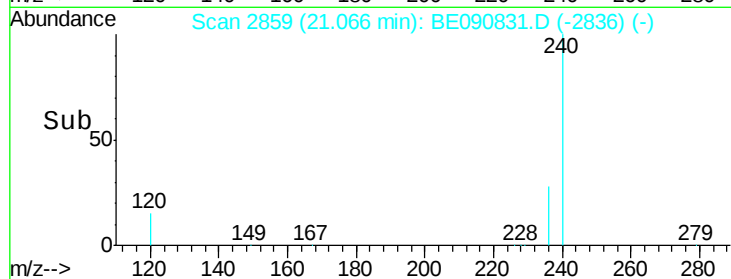
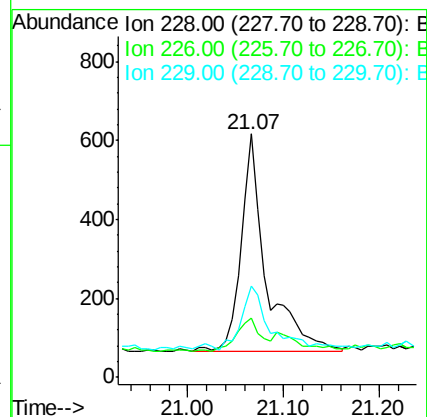
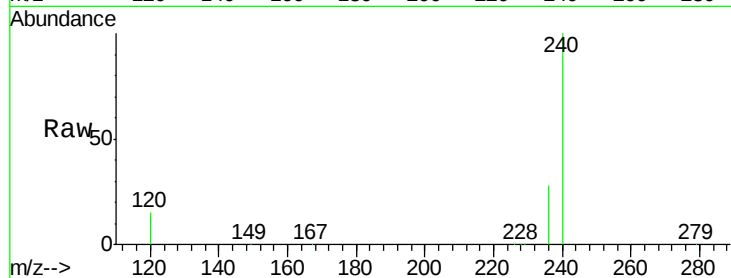
Tgt Ion:228 Resp: 1019

Ion Ratio Lower Upper

228 100

226 24.1 24.2 36.4#

229 37.3 15.3 22.9#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.19 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090831.D

Acq: 15 Sep 2015 14:00

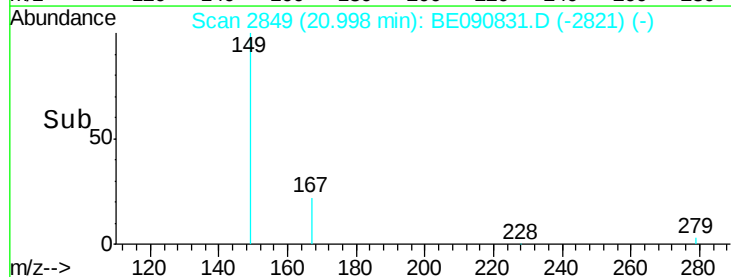
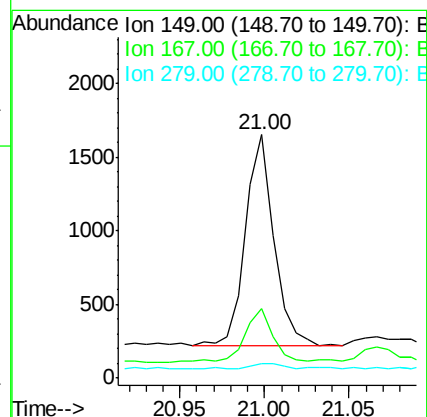
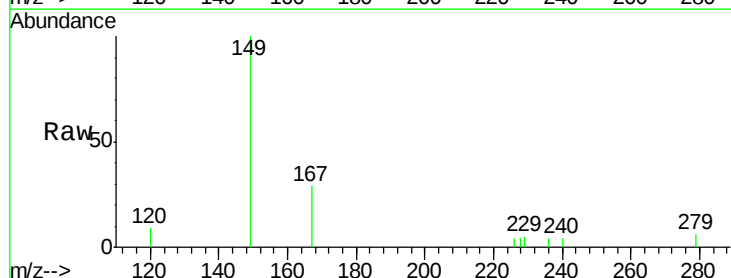
Tgt Ion:149 Resp: 1677

Ion Ratio Lower Upper

149 100

167 25.1 20.1 30.1

279 3.3 2.3 3.5

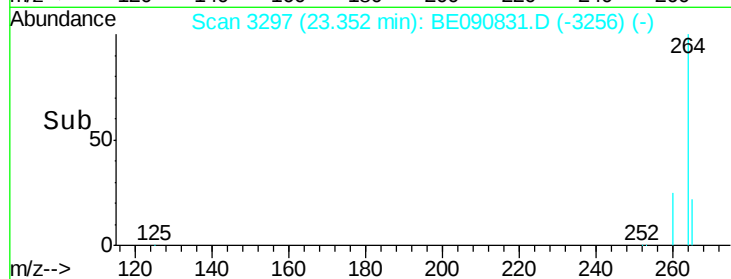
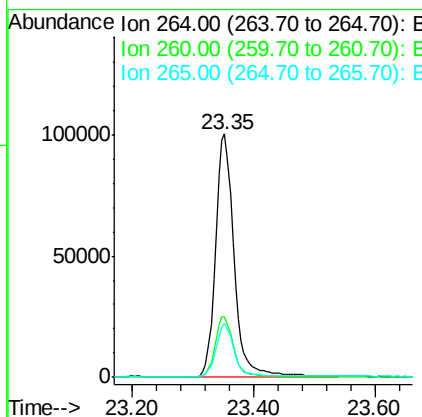




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090831.D
Acq: 15 Sep 2015 14:00

Instrument :
BNA_E
ClientSampleId :
091215-D534-E-D-S

Tgt Ion: 264 Resp: 216132
Ion Ratio Lower Upper
264 100
260 24.7 19.7 29.5
265 22.3 17.5 26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.73 min Scan# 3815
Delta R.T. -0.02 min
Lab File: BE090831.D
Acq: 15 Sep 2015 14:00

Tgt Ion: 278 Resp: 7
Ion Ratio Lower Upper
278 100
139 172.6 15.4 23.0#
279 140.3 18.8 28.2#

