

Data Path : Z:\HPCHEM1\BNA_E\Data\BE091715\
 Data File : BE090865.D
 Acq On : 17 Sep 2015 15:27
 Operator : UM/IZ
 Sample : G3698-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-D534-E-D-B

Quant Time: Sep 17 18:24:43 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	32320	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	151484	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	81736	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	191603	5.00	ng	0.00
25) Chrysene-d12	21.07	240	230868	5.00	ng	0.00
32) Perylene-d12	23.35	264	211563	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	25371	4.04	ng	0.00
5) Phenol-d6	6.75	99	21532	2.39	ng	0.00
7) Nitrobenzene-d5	8.71	82	36636	3.66	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	18746	7.82	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	86164	3.81	ng	0.00
27) Terphenyl-d14	19.52	244	145673	5.70	ng	-0.02

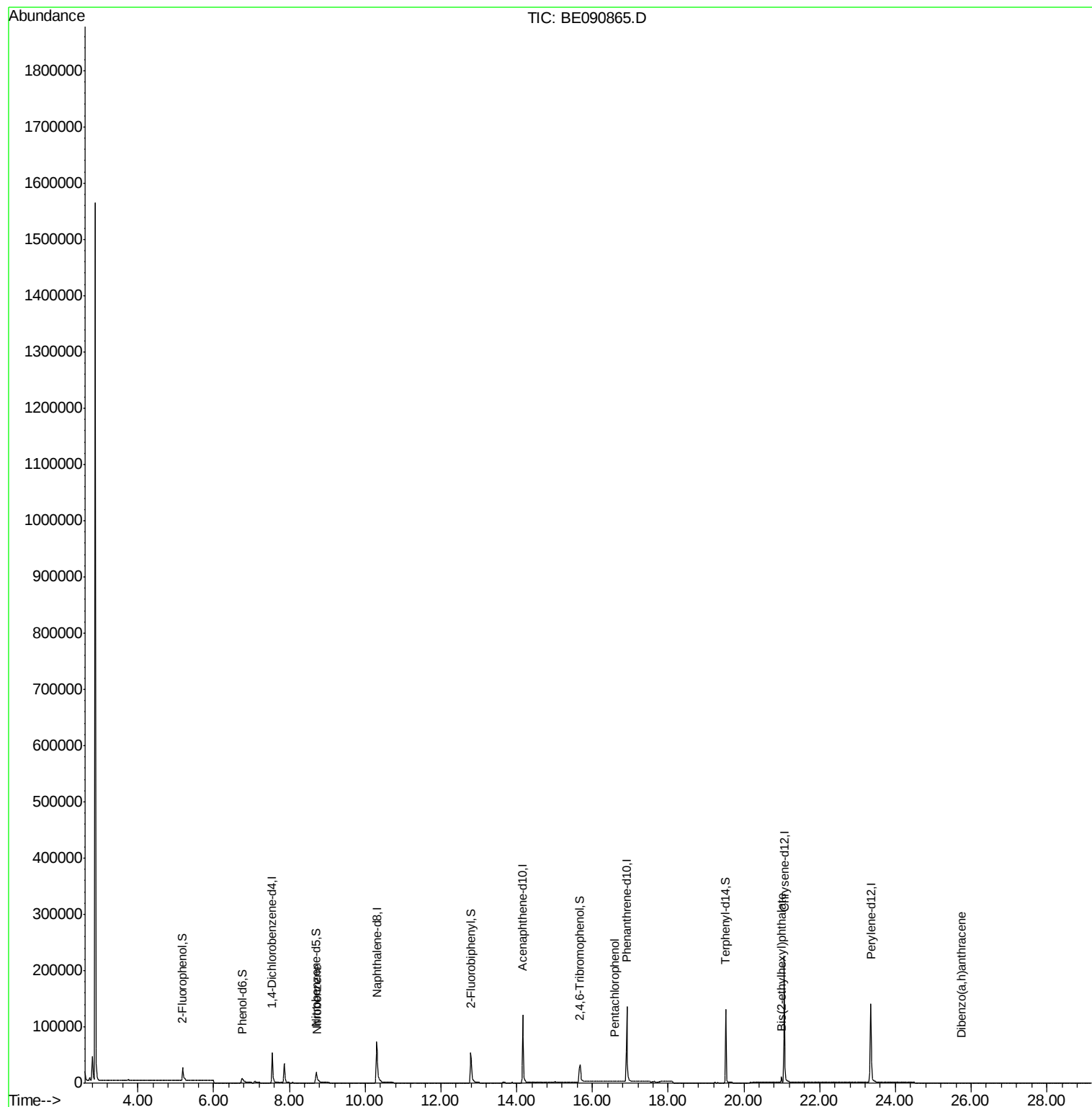
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	35	Below Cal	#	1
3) n-Nitrosodimethylamine	3.45	42	60	Below Cal	#	1
8) Nitrobenzene	8.75	77	20	0.11 ng	#	32
20) Hexachlorobenzene	16.21	284	79	Below Cal	#	1
21) Pentachlorophenol	16.60	266	44	0.48 ng	#	67
29) Chrysene	21.10	228	584	Below Cal	#	69
30) Bis(2-ethylhexyl)phthalate	20.99	149	10489	0.82 ng	#	99
36) Dibenzo(a,h)anthracene	25.74	278	107	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: BE090865.D

Acq: 17 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-B

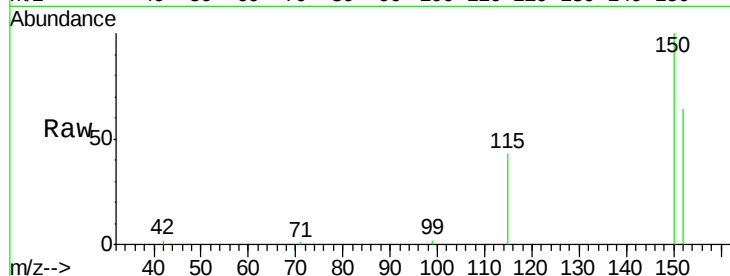
Tgt Ion: 152 Resp: 32320

Ion Ratio Lower Upper

152 100

150 155.1 122.2 183.4

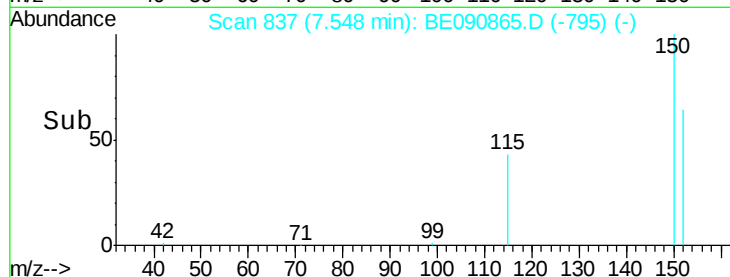
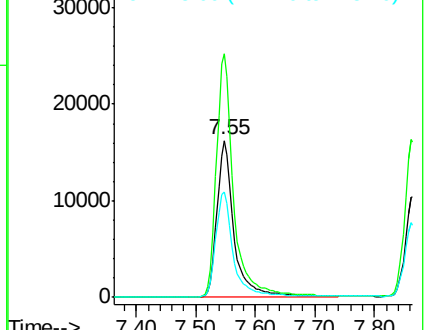
115 67.4 51.0 76.4



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: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090865.D

Acq: 17 Sep 2015 15:27

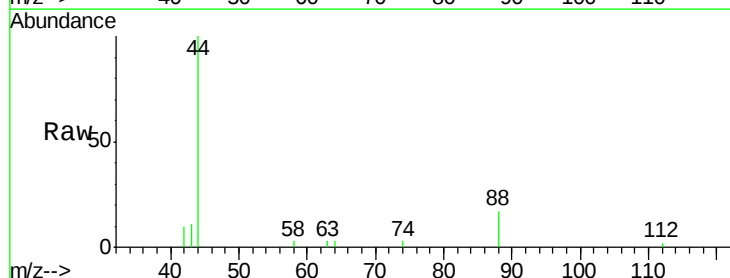
Tgt Ion: 88 Resp: 35

Ion Ratio Lower Upper

88 100

58 154.3 68.4 102.6#

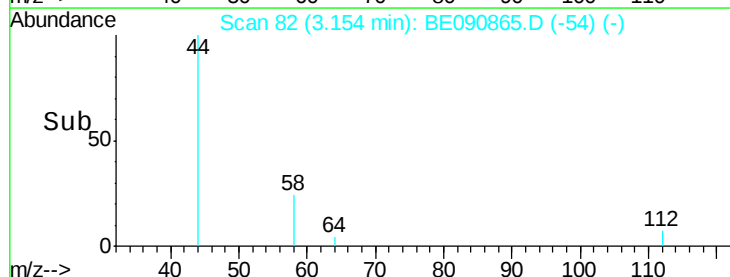
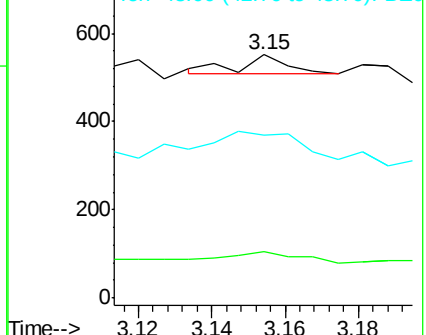
43 408.6 26.9 40.3#



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



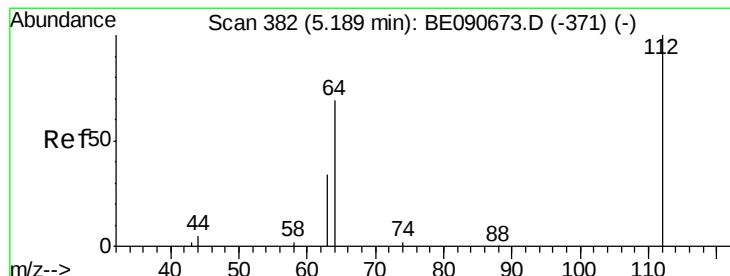
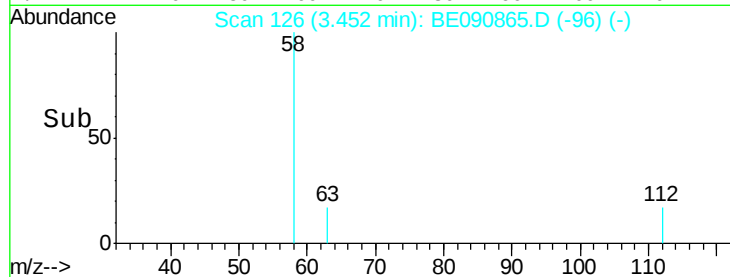
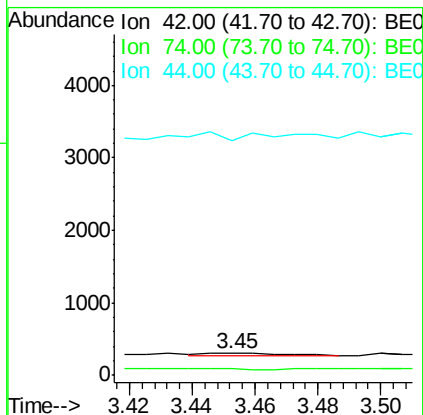
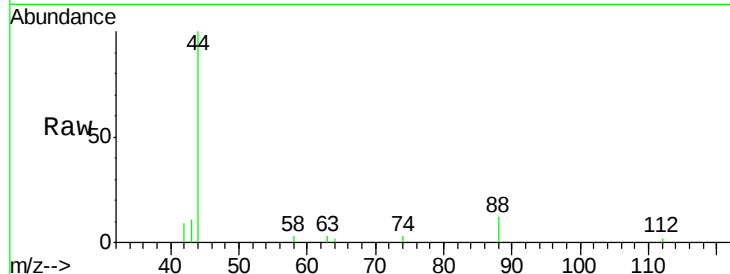


#3

n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: BE090865.D
 Acq: 17 Sep 2015 15:27

Instrument :
 BNA_E
 ClientSampleId :
 091515-D534-E-D-B

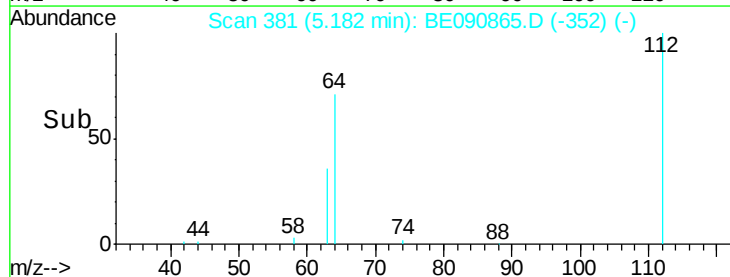
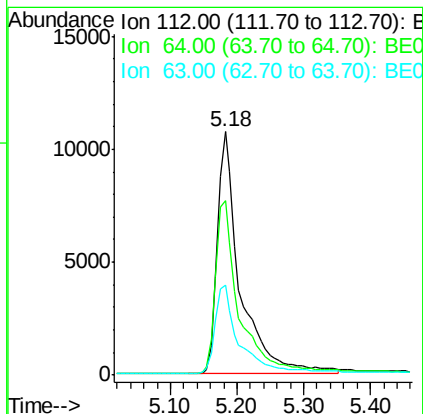
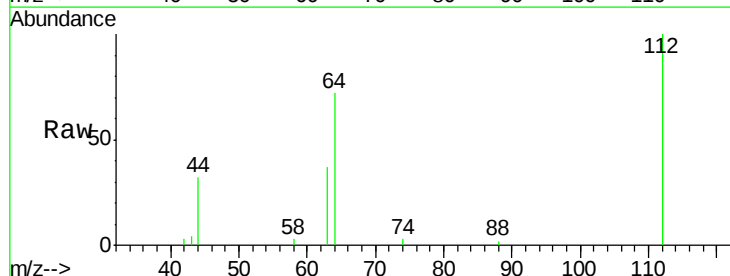
Tgt Ion: 42 Resp: 60
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 248.3 10.0 15.0#



#4

2-Fluorophenol
 Concen: 4.04 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090865.D
 Acq: 17 Sep 2015 15:27

Tgt Ion: 112 Resp: 25371
 Ion Ratio Lower Upper
 112 100
 64 73.4 57.3 85.9
 63 37.8 29.2 43.8





#5

Phenol-d6

Concen: 2.39 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090865.D

Acq: 17 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-B

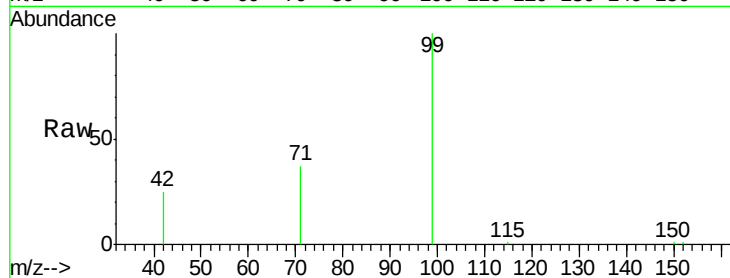
Tgt Ion: 99 Resp: 21532

Ion Ratio Lower Upper

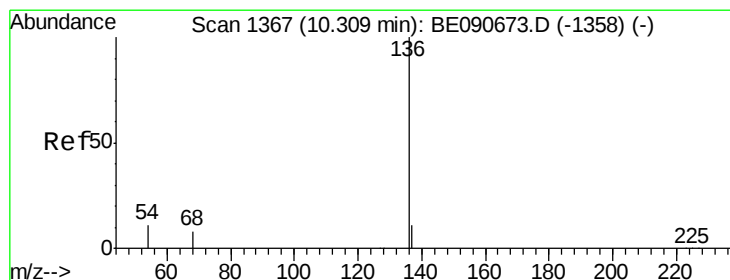
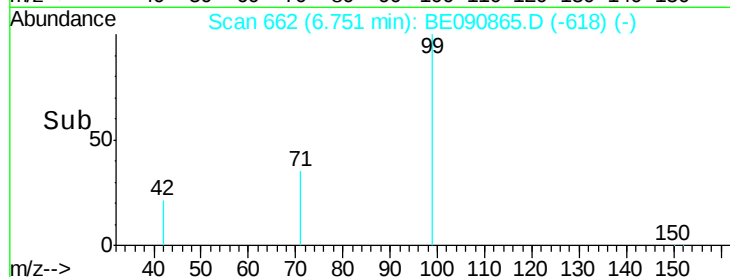
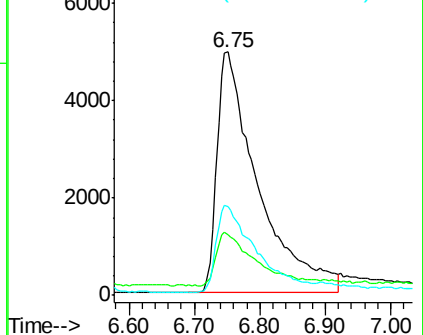
99 100

42 22.6 16.8 25.2

71 35.8 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: BE090865.D

Acq: 17 Sep 2015 15:27

Tgt Ion: 136 Resp: 151484

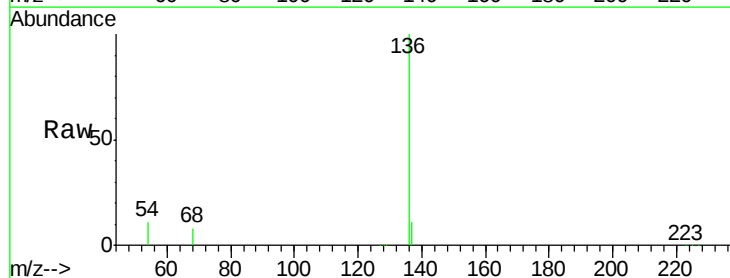
Ion Ratio Lower Upper

136 100

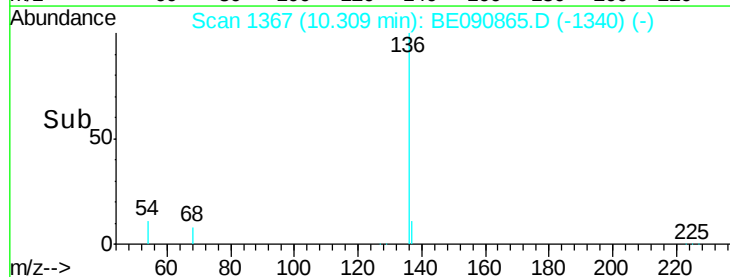
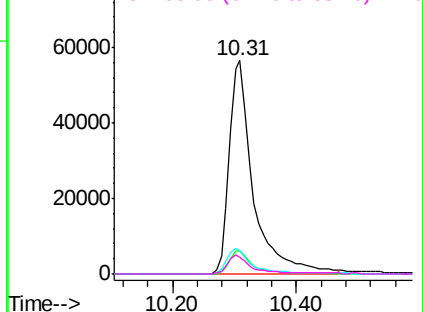
137 10.9 8.7 13.1

54 11.1 9.0 13.6

68 8.0 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: 3.66 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090865.D

Acq: 17 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-B

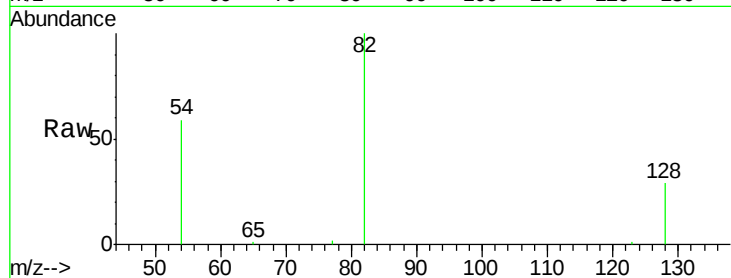
Tgt Ion: 82 Resp: 36636

Ion Ratio Lower Upper

82 100

128 29.4 25.0 37.4

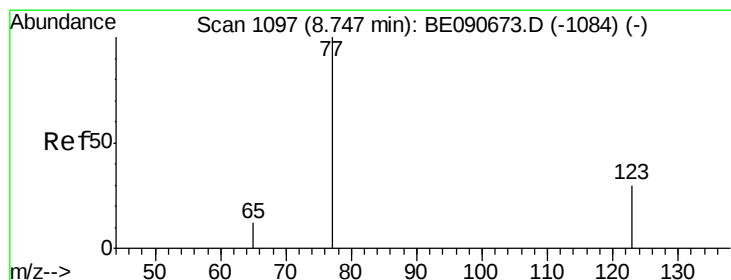
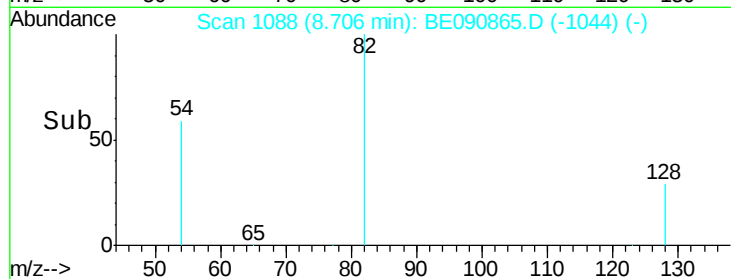
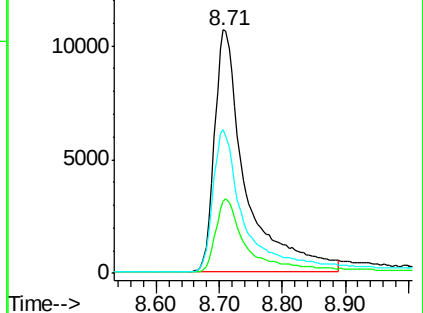
54 58.9 46.3 69.5



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: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090865.D

Acq: 17 Sep 2015 15:27

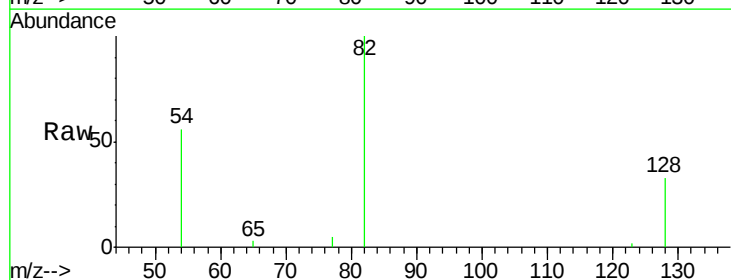
Tgt Ion: 77 Resp: 20

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

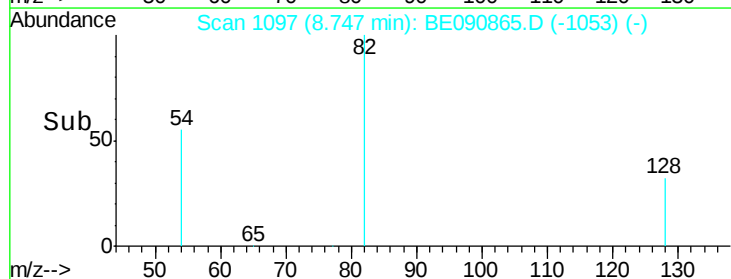
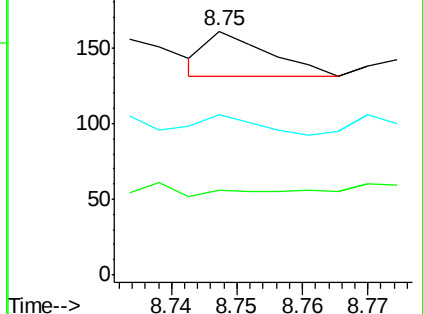
65 50.0 9.9 14.9#



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: BE090865.D

Acq: 17 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-B

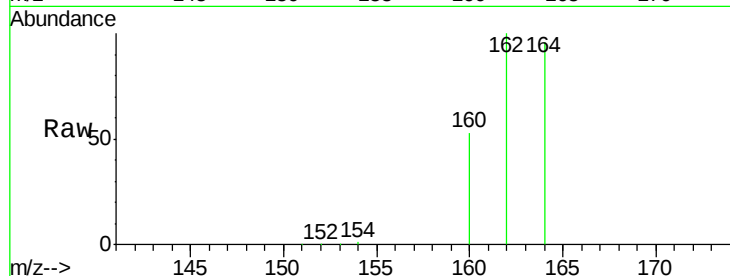
Tgt Ion:164 Resp: 81736

Ion Ratio Lower Upper

164 100

162 103.8 86.8 130.2

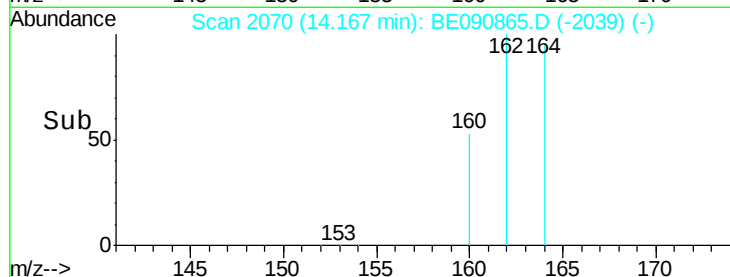
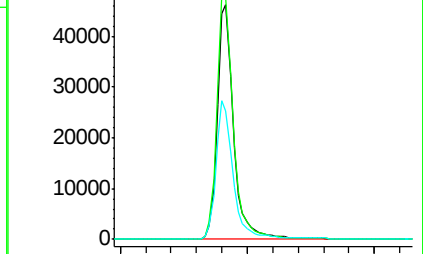
160 55.0 53.9 80.9



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: 7.82 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090865.D

Acq: 17 Sep 2015 15:27

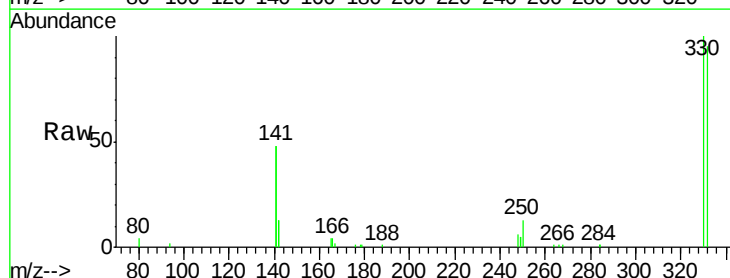
Tgt Ion:330 Resp: 18746

Ion Ratio Lower Upper

330 100

332 95.8 74.9 112.3

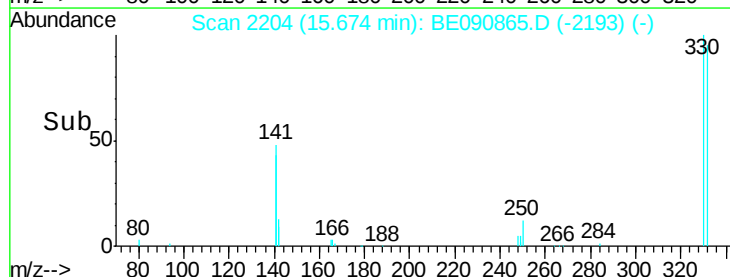
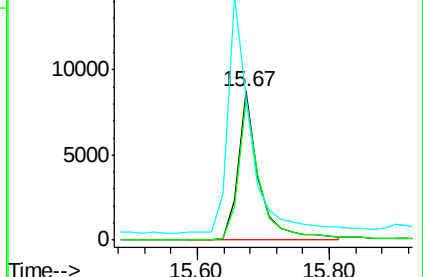
141 176.0 145.2 217.8



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

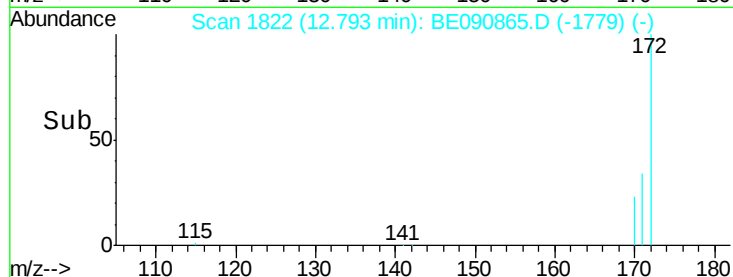
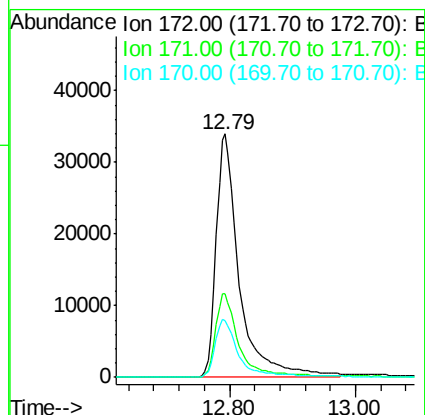
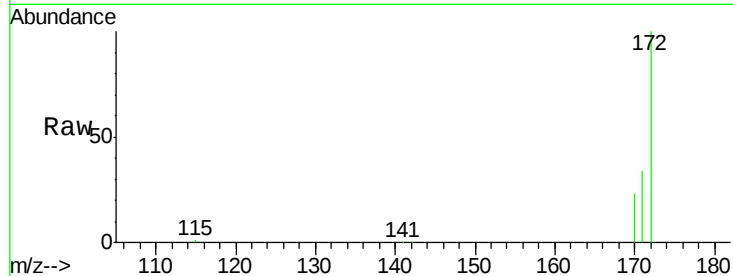




#14
2-Fluorobiphenyl
Concen: 3.81 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

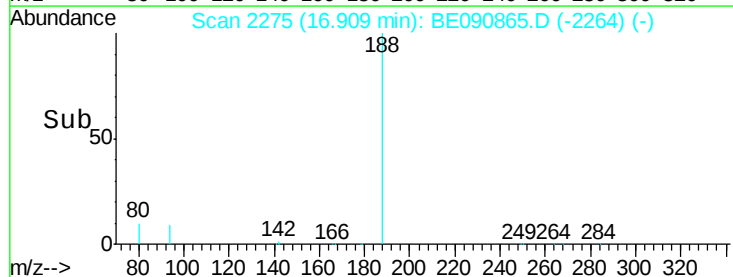
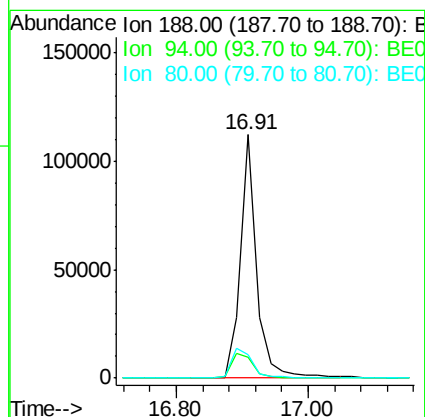
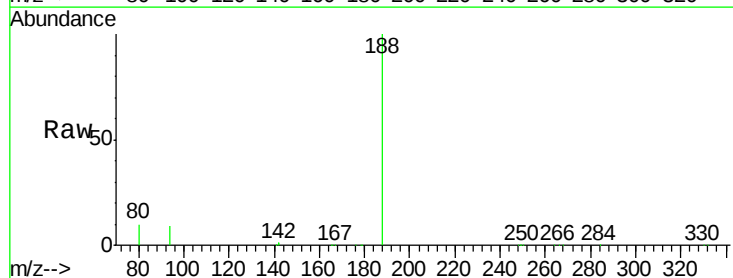
Instrument :
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Tgt Ion:172 Resp: 86164
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.4 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090865.D
Acq: 17 Sep 2015 15:27

Tgt Ion:188 Resp: 191603
Ion Ratio Lower Upper
188 100
94 8.8 10.3 15.5#
80 9.7 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.21 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BE090865.D

Acq: 17 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-B

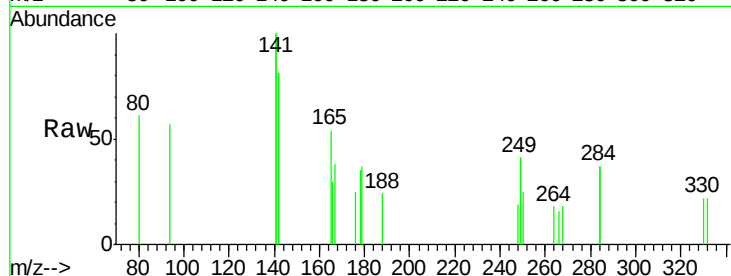
Tgt Ion:284 Resp: 79

Ion Ratio Lower Upper

284 100

142 589.9 35.0 52.4#

249 140.5 25.5 38.3#

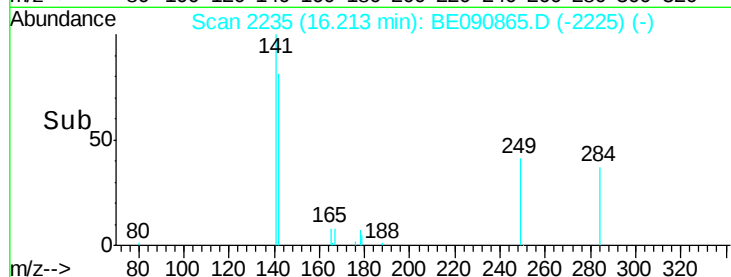


Abundance Ion 283.80 (283.50 to 284.50): E

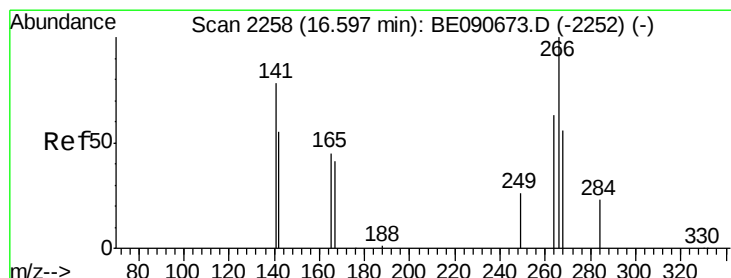
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



Time-->



#21

Pentachlorophenol

Concen: 0.48 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BE090865.D

Acq: 17 Sep 2015 15:27

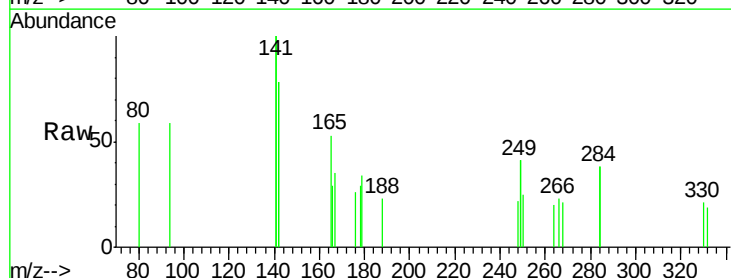
Tgt Ion:266 Resp: 44

Ion Ratio Lower Upper

266 100

268 93.4 49.6 74.4#

264 88.5 53.9 80.9#

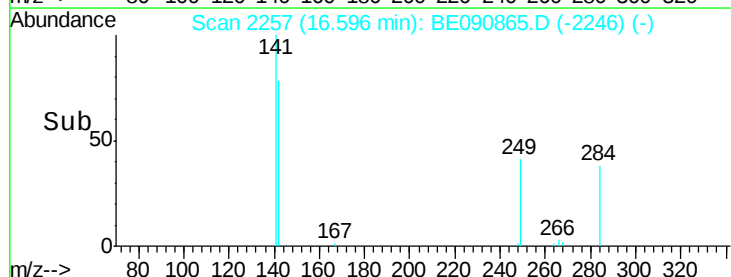


Abundance Ion 265.70 (265.40 to 266.40): E

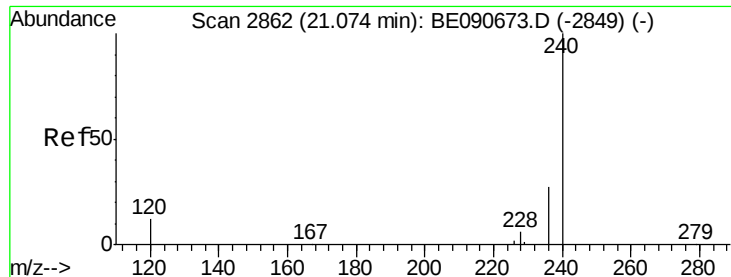
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

Time-->



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090865.D

Acq: 17 Sep 2015 15:27

Instrument :

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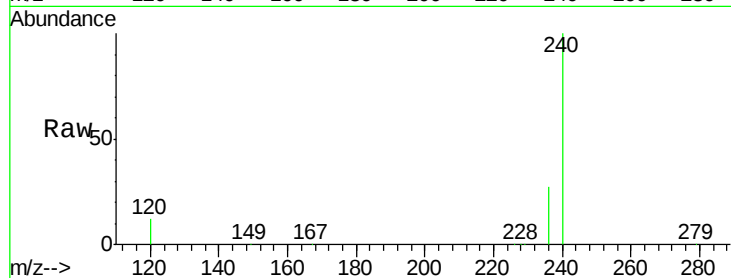
Tgt Ion:240 Resp: 230868

Ion Ratio Lower Upper

240 100

120 12.2 10.1 15.1

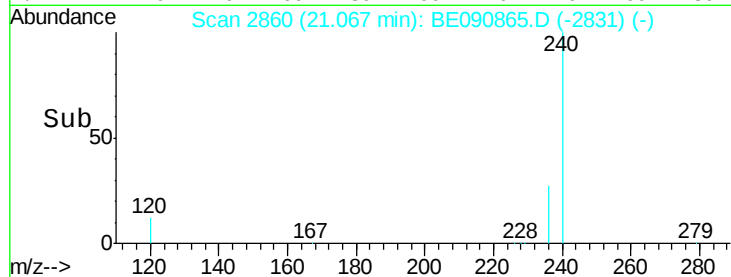
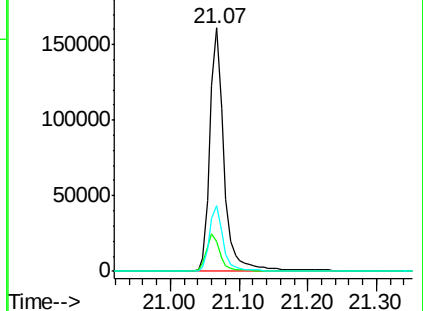
236 26.9 21.9 32.9



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: 5.70 ng

RT: 19.52 min Scan# 2607

Delta R.T. -0.02 min

Lab File: BE090865.D

Acq: 17 Sep 2015 15:27

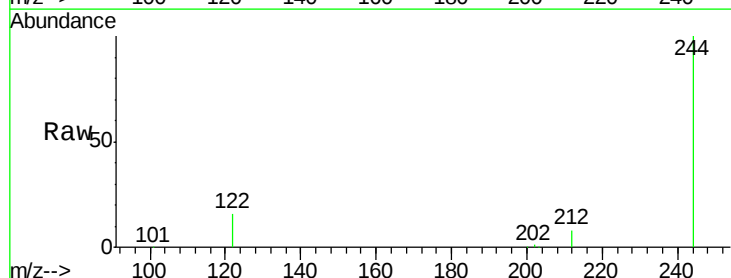
Tgt Ion:244 Resp: 145673

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

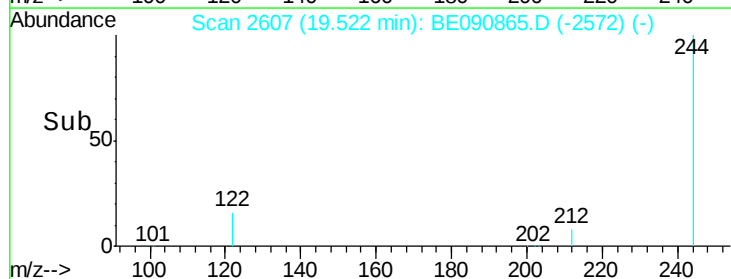
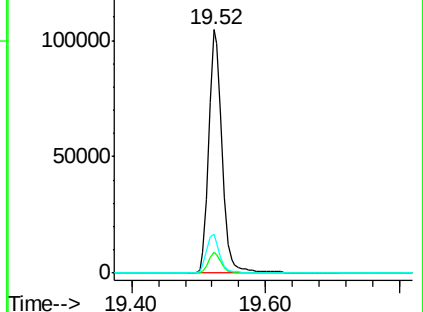
122 16.2 12.9 19.3



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: 21.10 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090865.D

Acq: 17 Sep 2015 15:27

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-B

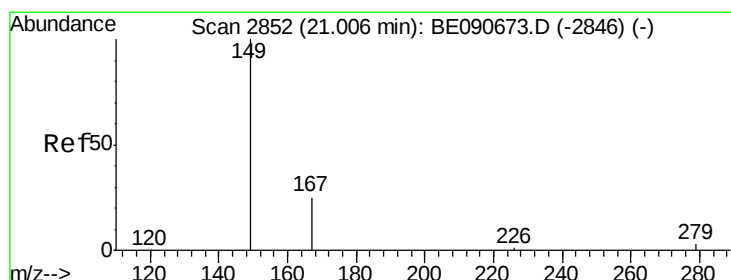
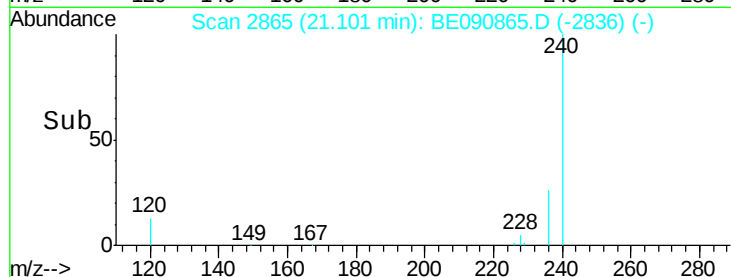
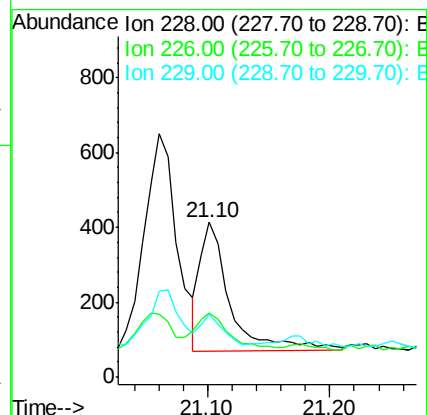
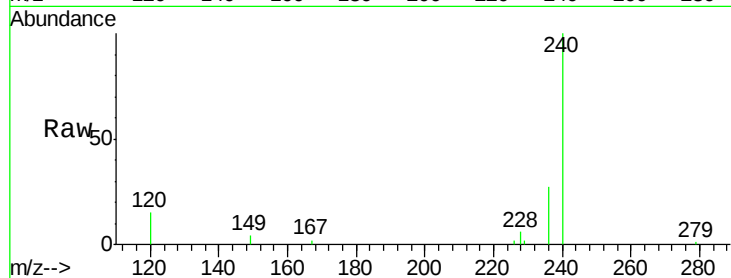
Tgt Ion:228 Resp: 584

Ion Ratio Lower Upper

228 100

226 41.6 24.2 36.4#

229 40.4 15.3 22.9#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.82 ng

RT: 20.99 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090865.D

Acq: 17 Sep 2015 15:27

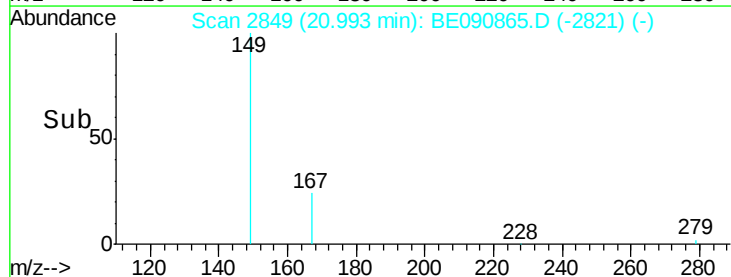
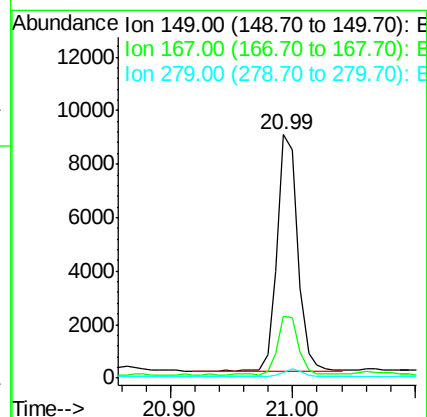
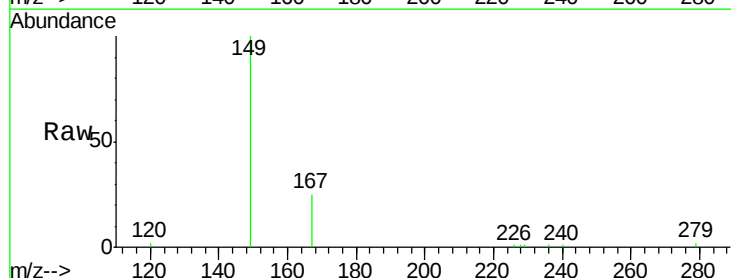
Tgt Ion:149 Resp: 10489

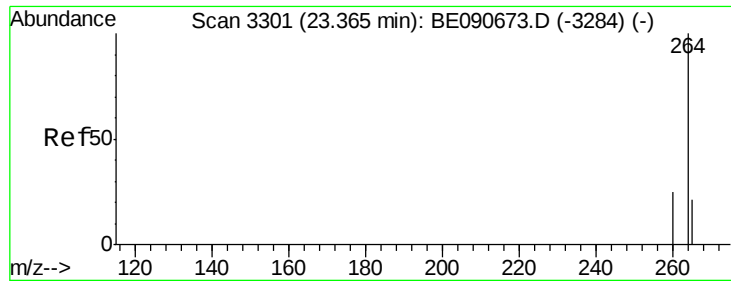
Ion Ratio Lower Upper

149 100

167 24.6 20.1 30.1

279 3.2 2.3 3.5

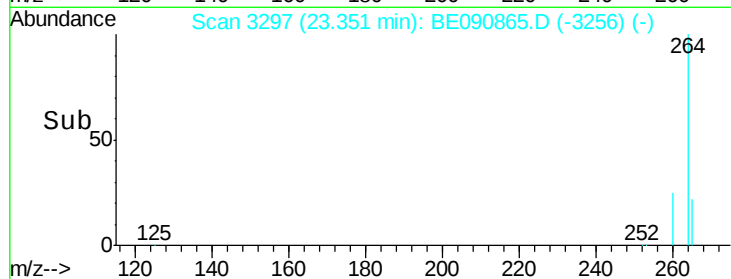
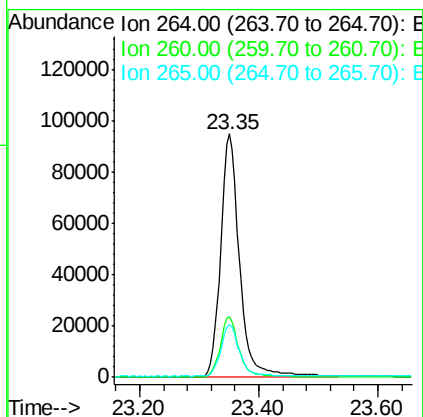




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BE090865.D
 Acq: 17 Sep 2015 15:27

Instrument :
 BNA_E
 ClientSampleId :
 091515-D534-E-D-B

Tgt Ion: 264 Resp: 211563
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 22.0 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: BE090865.D
 Acq: 17 Sep 2015 15:27

Tgt Ion: 278 Resp: 107
 Ion Ratio Lower Upper
 278 100
 139 94.4 15.4 23.0#
 279 83.3 18.8 28.2#

