

Data Path : Z:\HPCHEM1\BNA_E\Data\BE091715\
 Data File : BE090866.D
 Acq On : 17 Sep 2015 16:03
 Operator : UM/IZ
 Sample : G3698-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 17 18:27:42 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	32711	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	146994	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	79345	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	190003	5.00	ng	0.00
25) Chrysene-d12	21.07	240	236417	5.00	ng	0.00
32) Perylene-d12	23.35	264	217796	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	26006	4.09	ng	0.00
5) Phenol-d6	6.75	99	21054	2.31	ng	0.00
7) Nitrobenzene-d5	8.71	82	34405	3.54	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	18178	7.81	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	78597	3.58	ng	0.00
27) Terphenyl-d14	19.52	244	142936	5.46	ng	-0.02

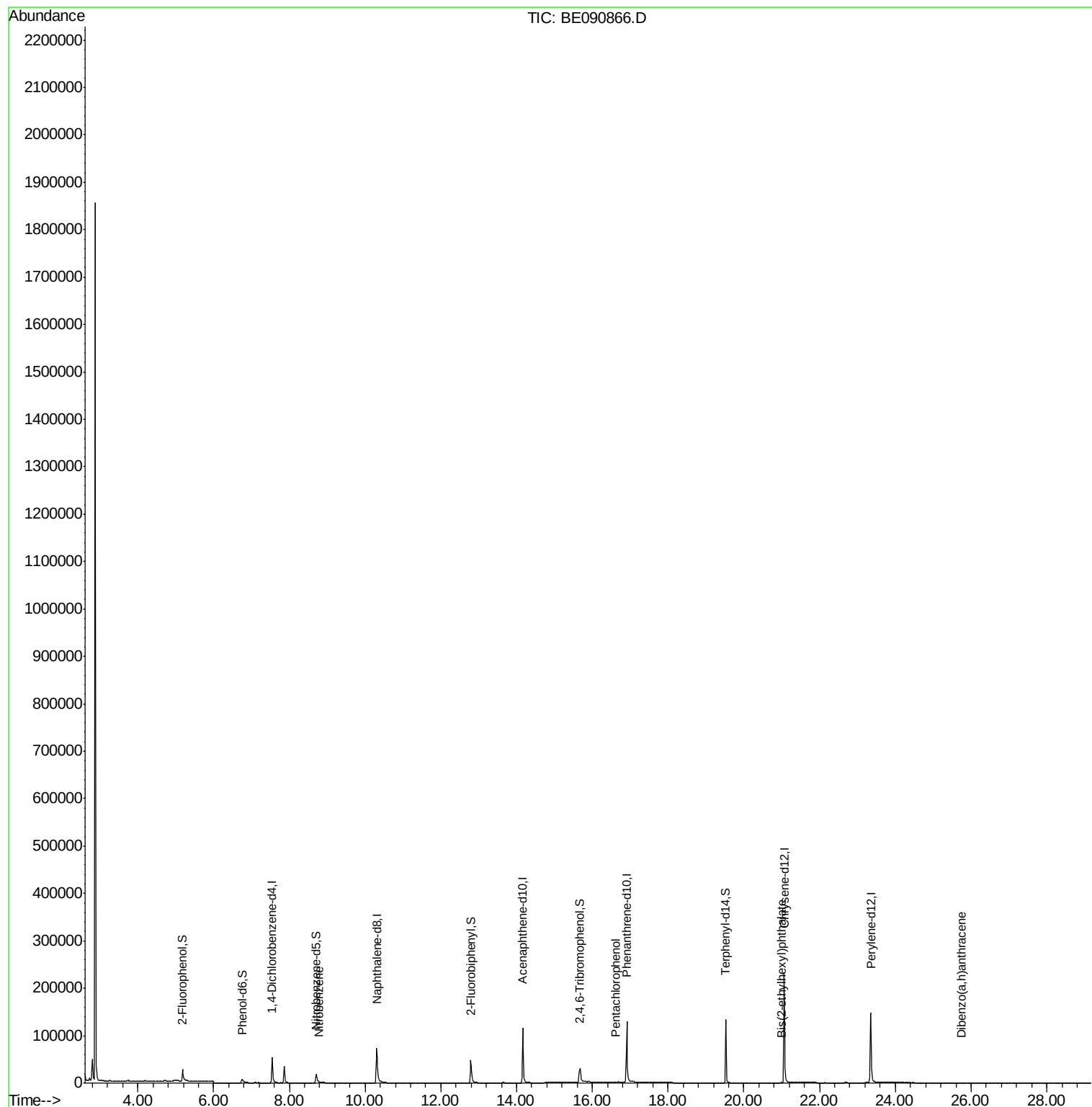
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	205	Below Cal	#	1
3) n-Nitrosodimethylamine	3.41	42	11	Below Cal	#	1
8) Nitrobenzene	8.78	77	12	0.11 ng	#	77
20) Hexachlorobenzene	16.20	284	21	Below Cal	#	1
21) Pentachlorophenol	16.61	266	21	0.47 ng	#	60
29) Chrysene	21.10	228	492	Below Cal	#	70
30) Bis(2-ethylhexyl)phthalate	21.00	149	856	0.13 ng		100
36) Dibenzo(a,h)anthracene	25.75	278	173	0.14 ng	#	1

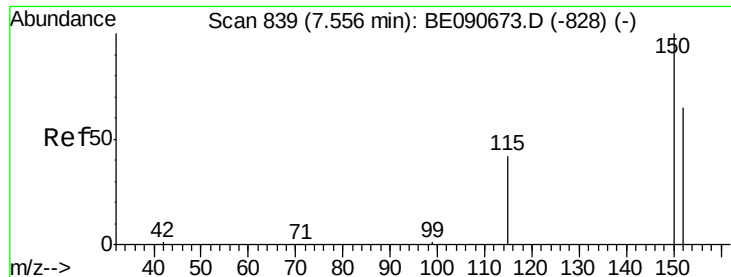
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\Data\BE091715\
Data File : BE090866.D
Acq On : 17 Sep 2015 16:03
Operator : UM/IZ
Sample : G3698-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 17 18:27:42 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-S

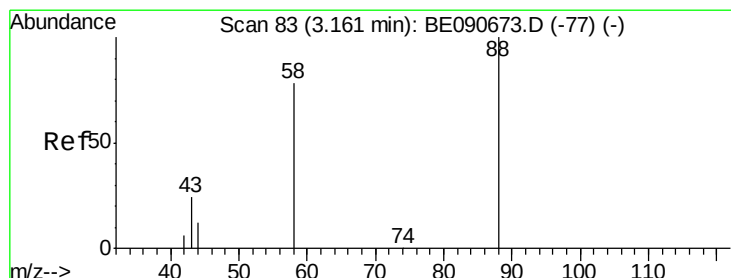
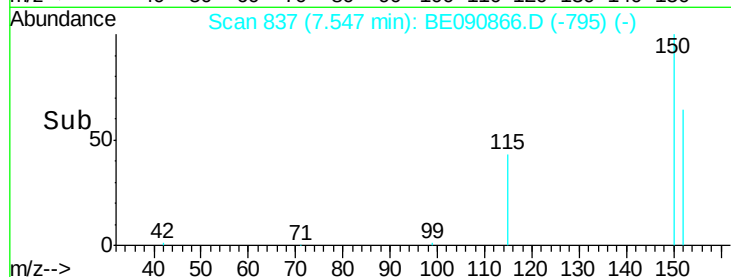
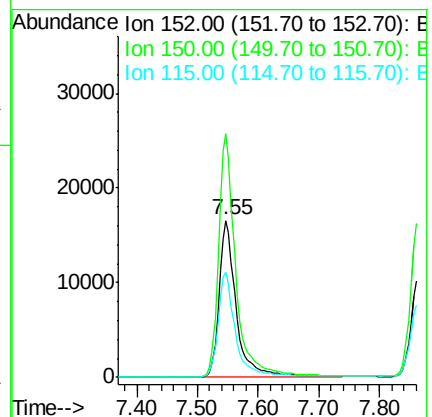
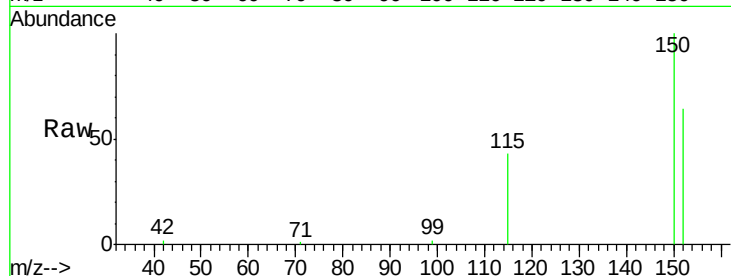
Tgt Ion:152 Resp: 32711

Ion Ratio Lower Upper

152 100

150 155.4 122.2 183.4

115 67.4 51.0 76.4



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.16 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

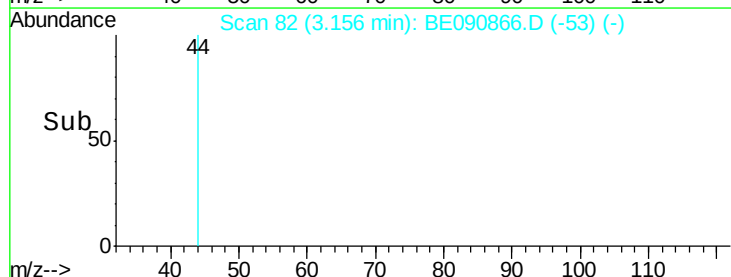
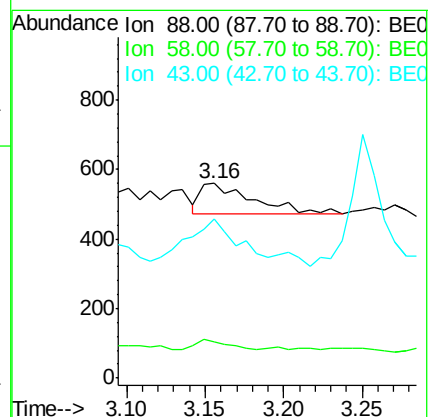
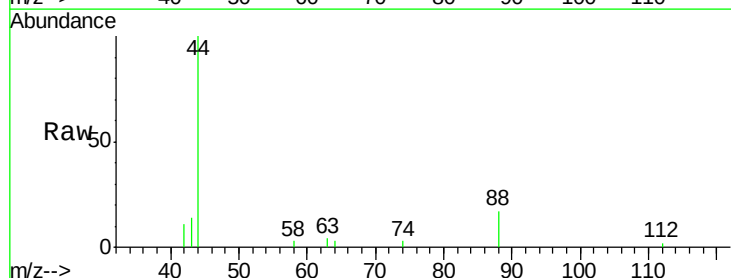
Tgt Ion: 88 Resp: 205

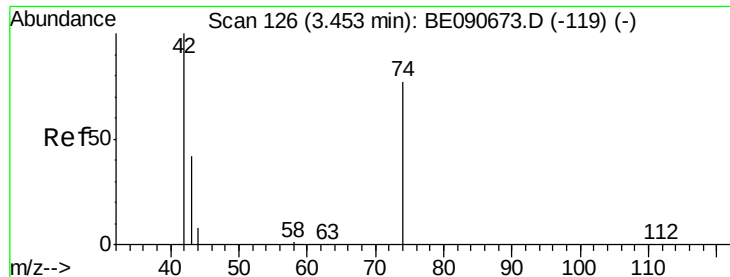
Ion Ratio Lower Upper

88 100

58 21.0 68.4 102.6#

43 136.1 26.9 40.3#





#3

n-Nitrosodimethylamine

Concen: Below Cal

RT: 3.41 min Scan# 119

Delta R.T. -0.05 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-S

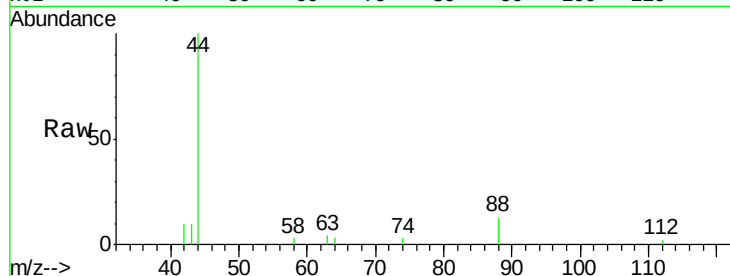
Tgt Ion: 42 Resp: 11

Ion Ratio Lower Upper

42 100

74 136.4 83.7 125.5#

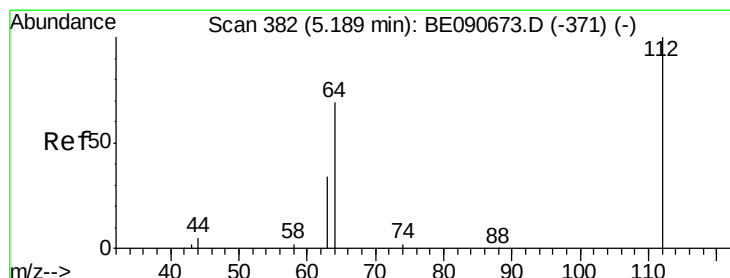
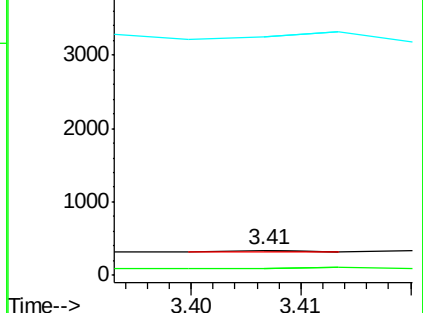
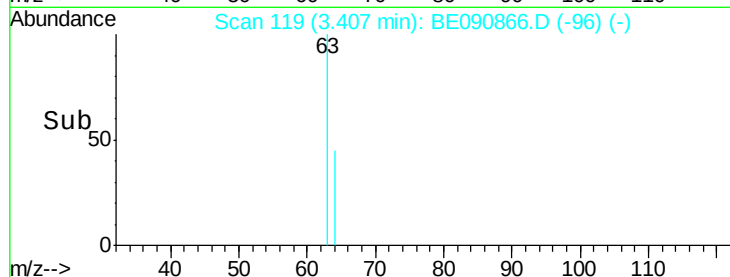
44 772.7 10.0 15.0#



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: 4.09 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.00 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

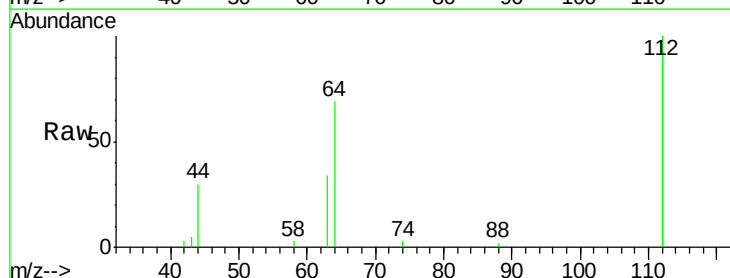
Tgt Ion: 112 Resp: 26006

Ion Ratio Lower Upper

112 100

64 72.9 57.3 85.9

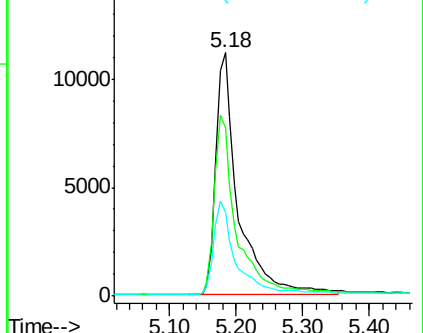
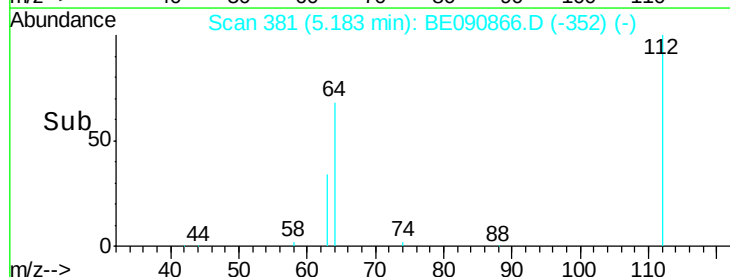
63 37.5 29.2 43.8

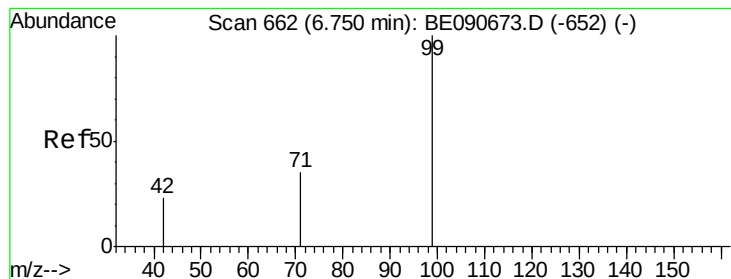


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.31 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-S

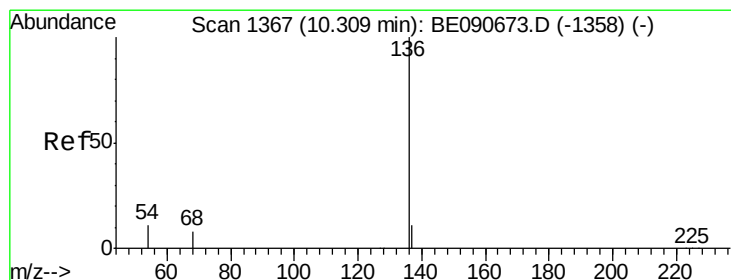
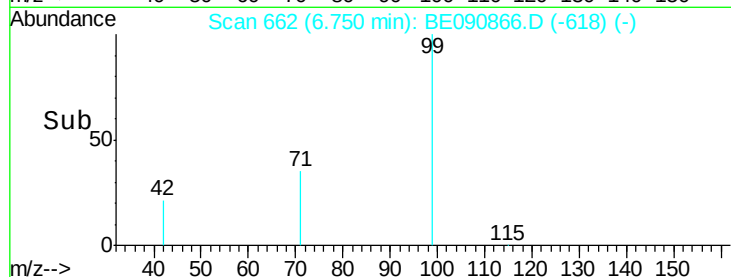
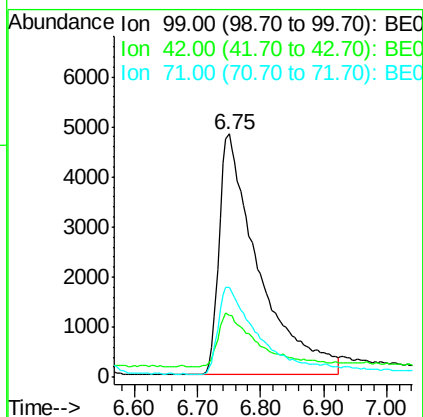
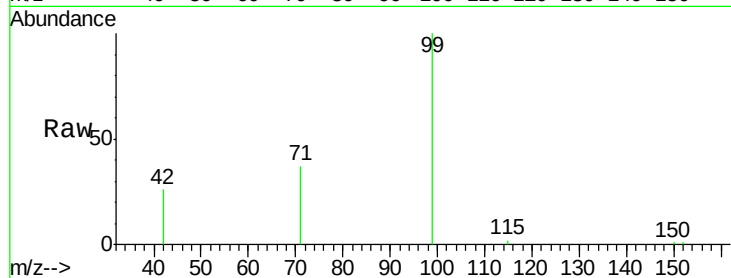
Tgt Ion: 99 Resp: 21054

Ion Ratio Lower Upper

99 100

42 22.2 16.8 25.2

71 35.6 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Tgt Ion: 136 Resp: 146994

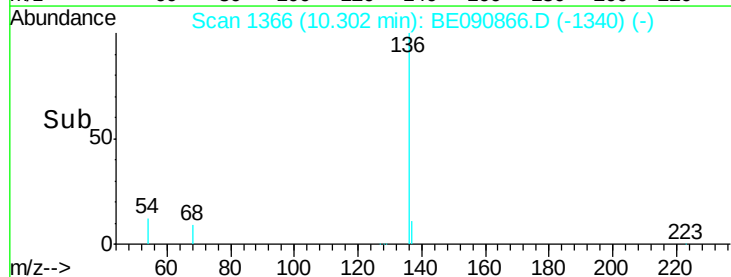
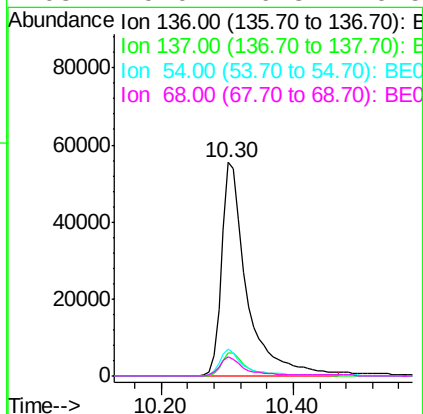
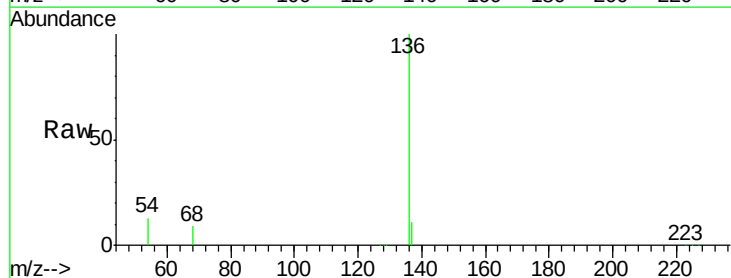
Ion Ratio Lower Upper

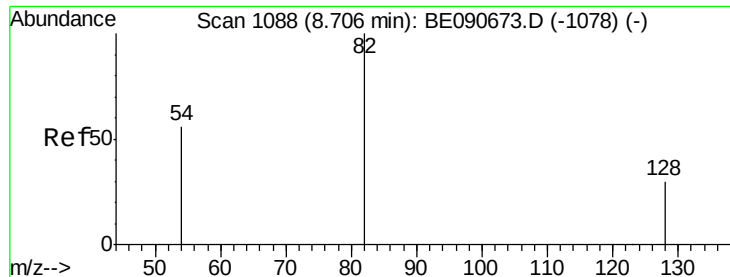
136 100

137 10.8 8.7 13.1

54 12.6 9.0 13.6

68 9.0 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.54 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-S

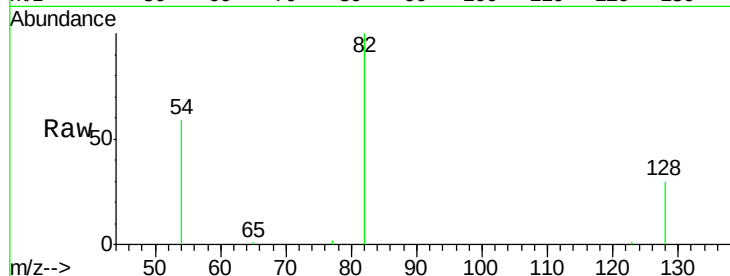
Tgt Ion: 82 Resp: 34405

Ion Ratio Lower Upper

82 100

128 29.8 25.0 37.4

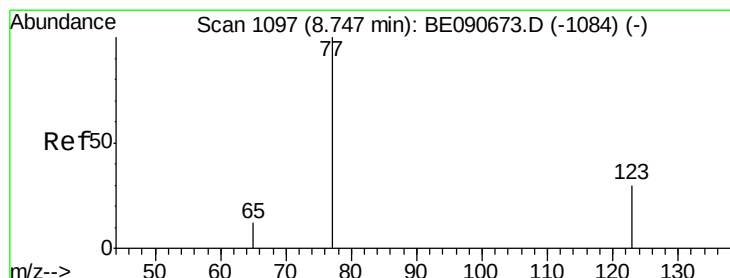
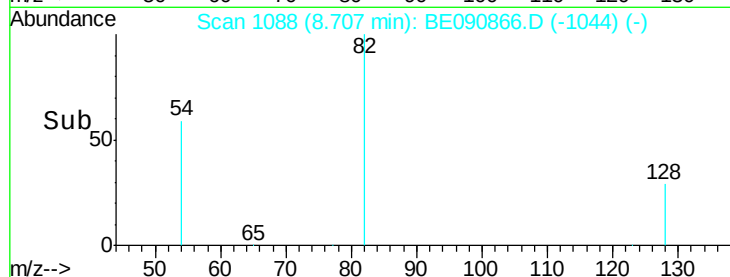
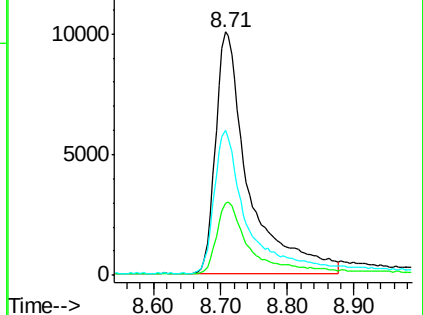
54 59.3 46.3 69.5



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: 8.78 min Scan# 1105

Delta R.T. 0.04 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

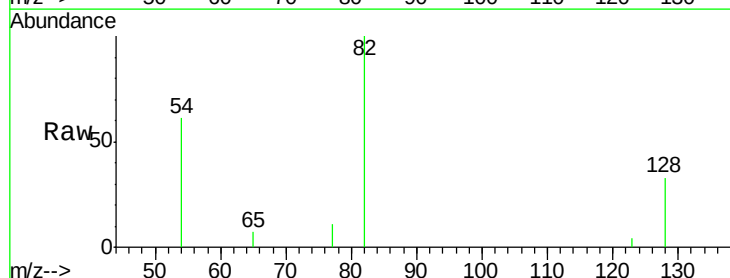
Tgt Ion: 77 Resp: 12

Ion Ratio Lower Upper

77 100

123 25.0 25.1 37.7#

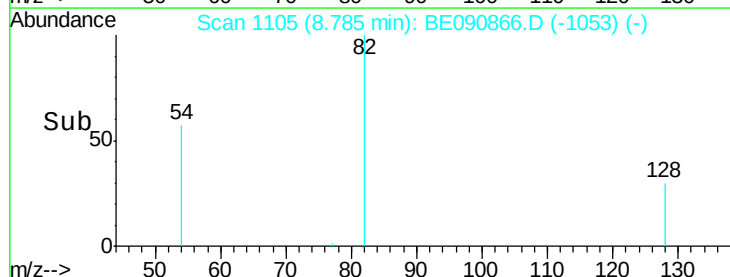
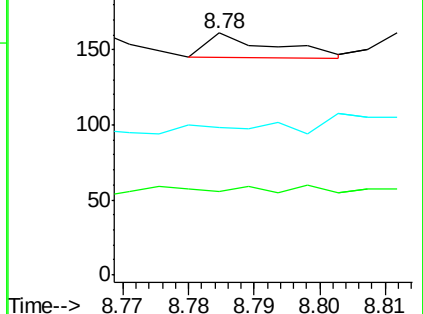
65 33.3 9.9 14.9#

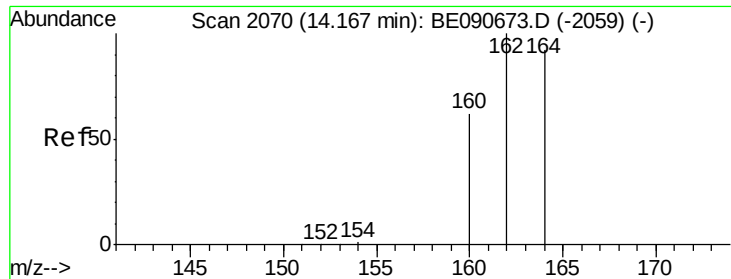


Abundance Ion 77.00 (76.70 to 77.70): BE0

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: 14.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-S

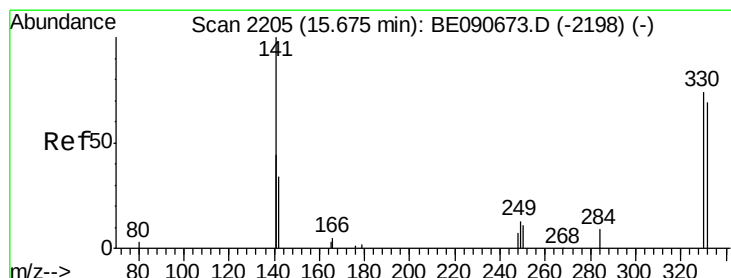
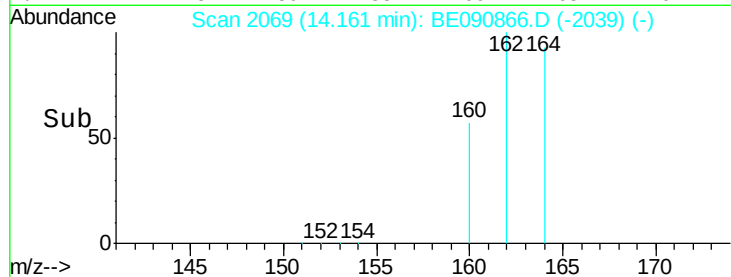
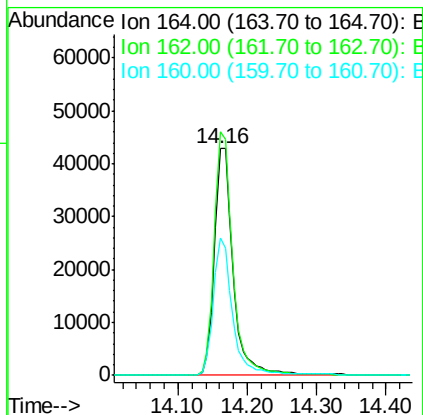
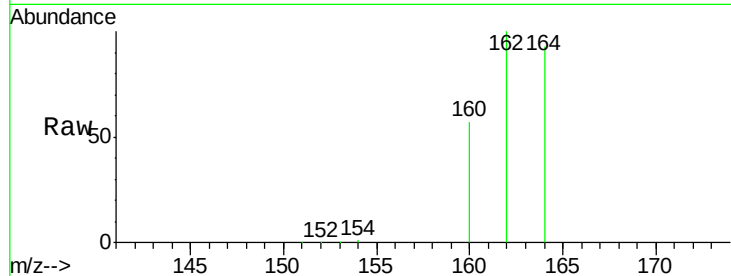
Tgt Ion:164 Resp: 79345

Ion Ratio Lower Upper

164 100

162 107.4 86.8 130.2

160 60.8 53.9 80.9



#13

2,4,6-Tribromophenol

Concen: 7.81 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

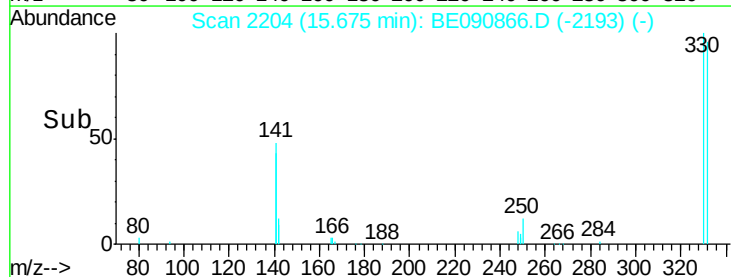
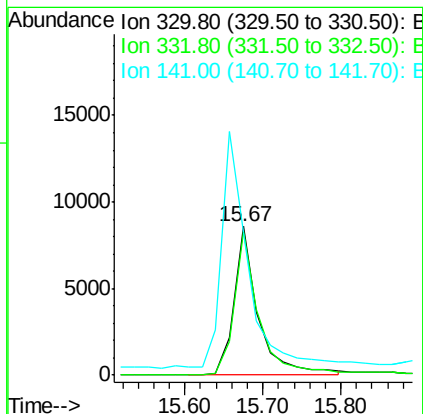
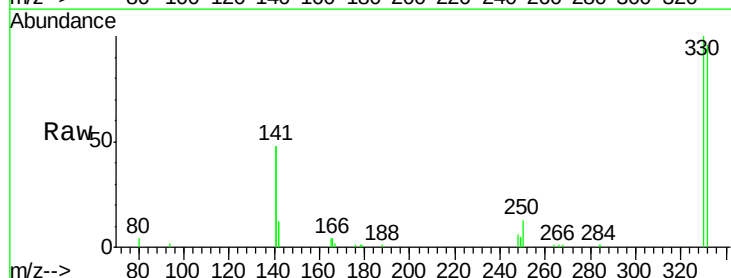
Tgt Ion:330 Resp: 18178

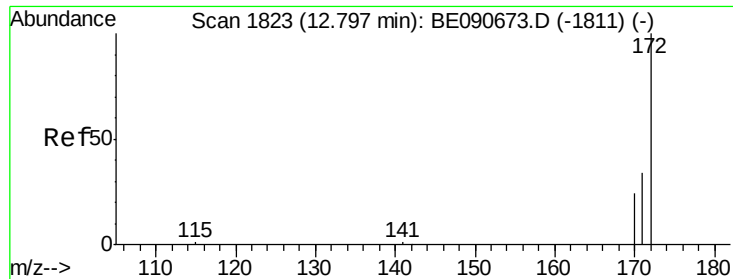
Ion Ratio Lower Upper

330 100

332 97.3 74.9 112.3

141 176.9 145.2 217.8

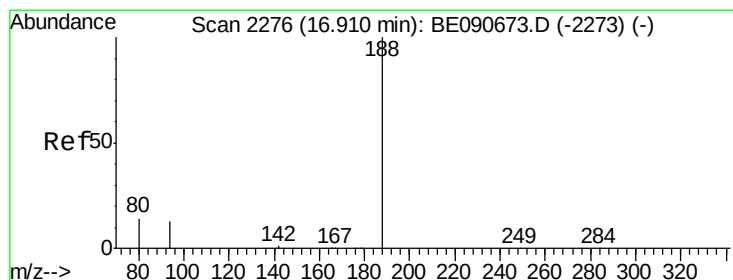
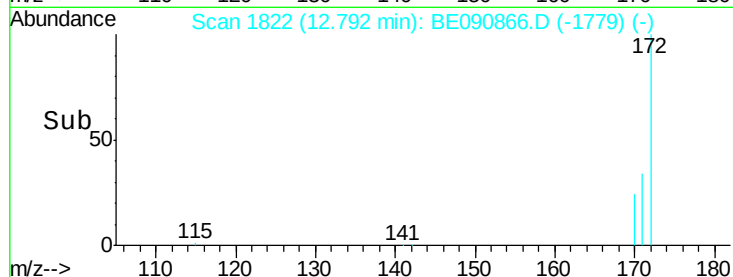
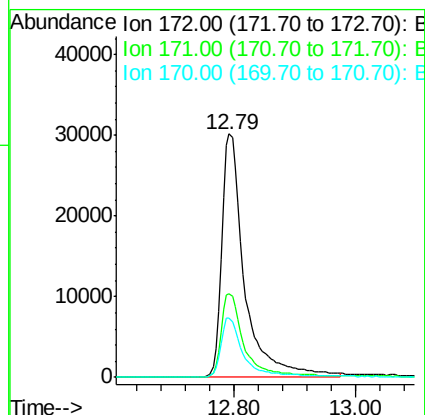
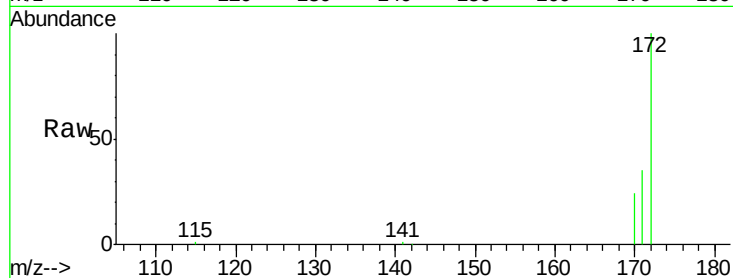




#14
2-Fluorobiphenyl
Concen: 3.58 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090866.D
Acq: 17 Sep 2015 16:03

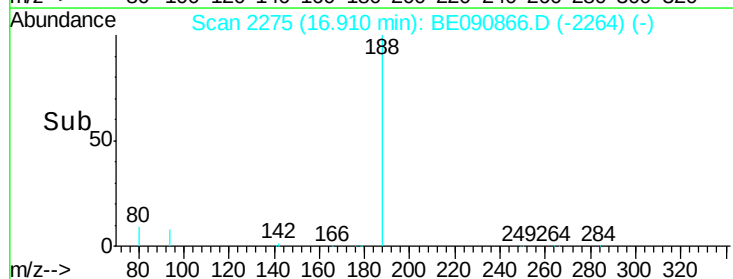
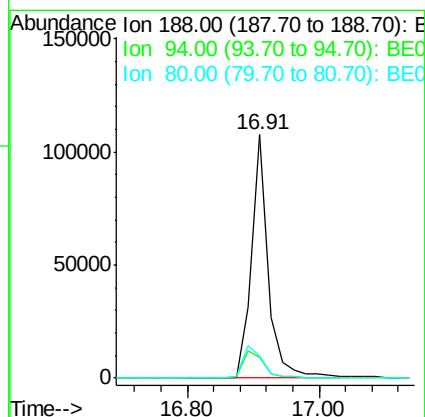
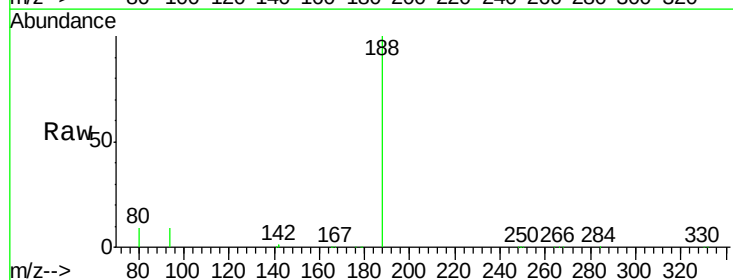
Instrument :
BNA_E
ClientSampleId :
091515-D534-E-D-S

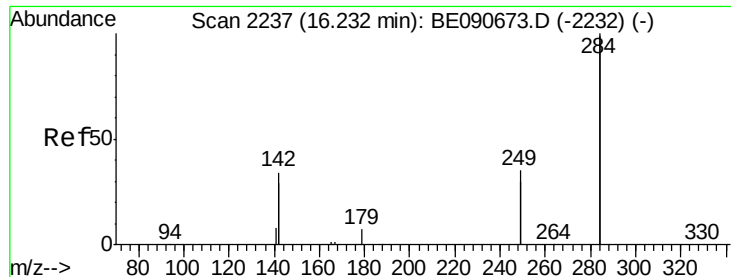
Tgt Ion:172 Resp: 78597
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 24.4 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090866.D
Acq: 17 Sep 2015 16:03

Tgt Ion:188 Resp: 190003
Ion Ratio Lower Upper
188 100
94 8.6 10.3 15.5#
80 9.3 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.20 min Scan# 2234

Delta R.T. -0.03 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-S

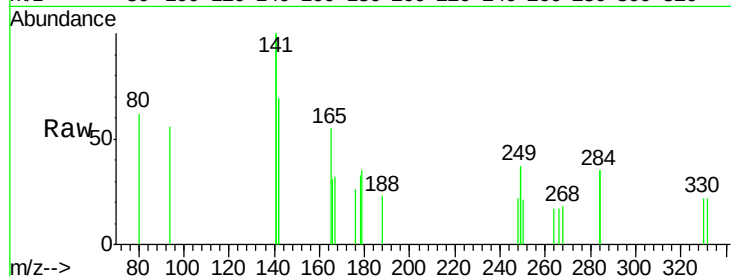
Tgt Ion: 284 Resp: 21

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

249 300.0 25.5 38.3#



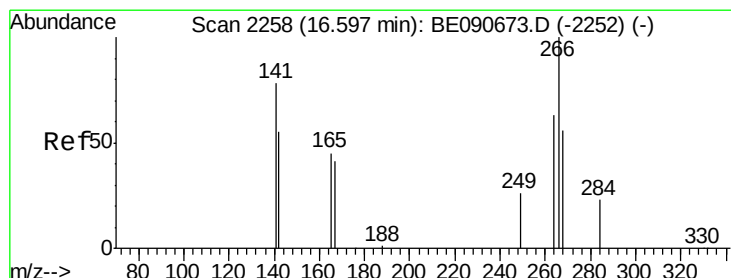
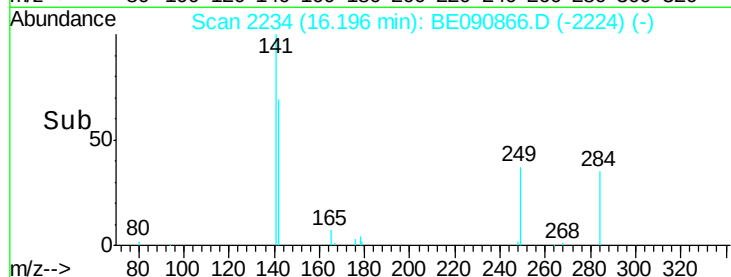
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.20

Time-->



#21

Pentachlorophenol

Concen: 0.47 ng

RT: 16.61 min Scan# 2258

Delta R.T. 0.02 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

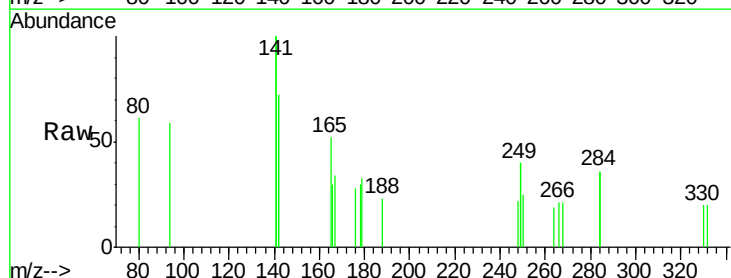
Tgt Ion: 266 Resp: 21

Ion Ratio Lower Upper

266 100

268 100.0 49.6 74.4#

264 93.1 53.9 80.9#



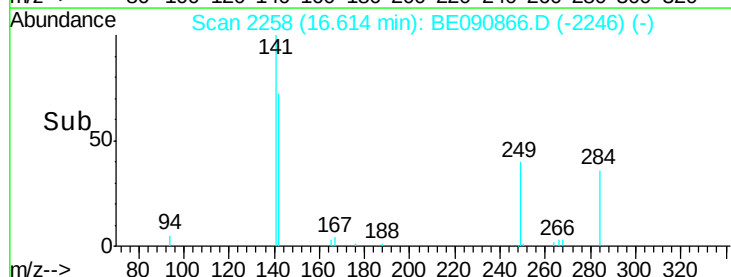
Abundance Ion 265.70 (265.40 to 266.40): E

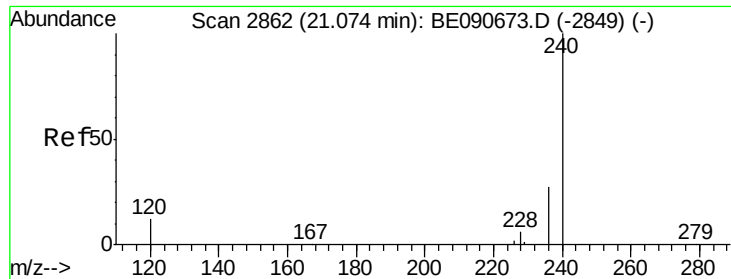
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

16.61

Time-->





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-S

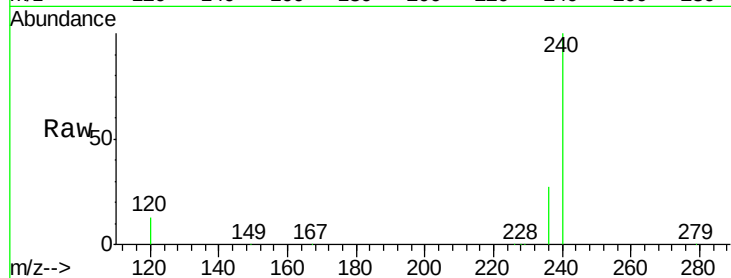
Tgt Ion:240 Resp: 236417

Ion Ratio Lower Upper

240 100

120 13.4 10.1 15.1

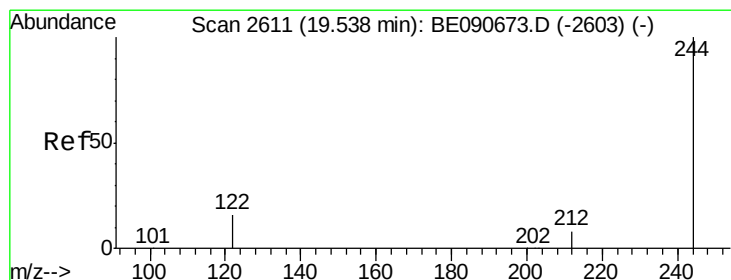
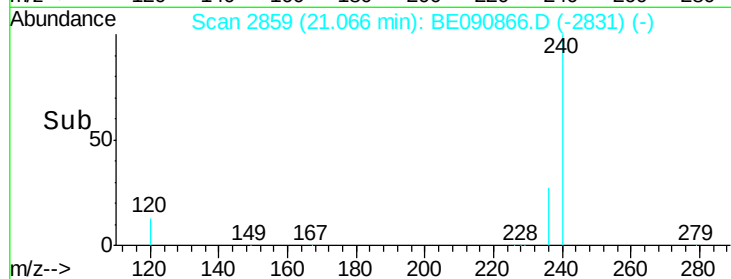
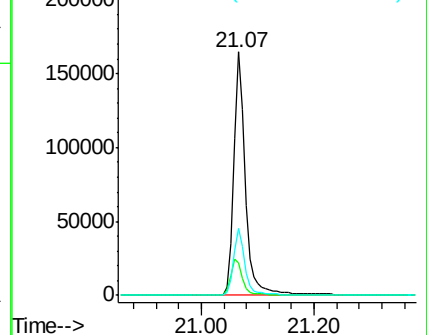
236 27.4 21.9 32.9



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: 5.46 ng

RT: 19.52 min Scan# 2607

Delta R.T. -0.02 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

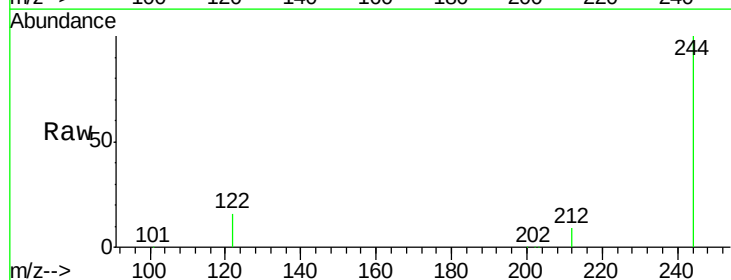
Tgt Ion:244 Resp: 142936

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

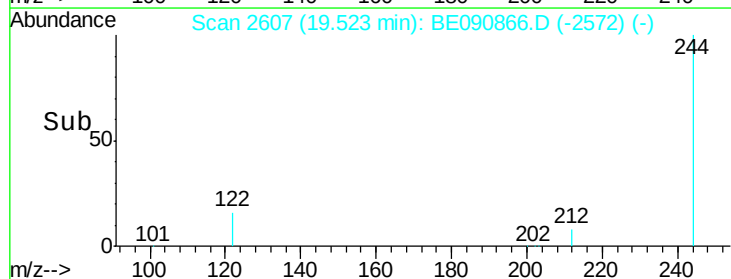
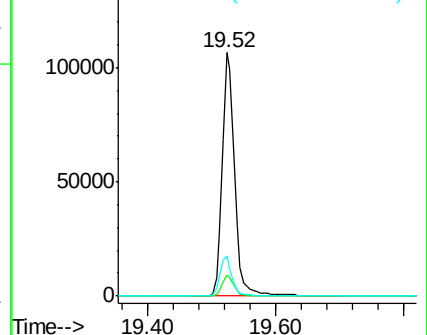
122 16.2 12.9 19.3

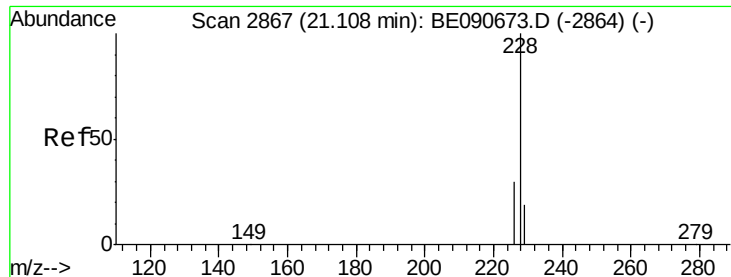


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2864

Delta R.T. -0.01 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

Instrument :

BNA_E

ClientSampleId :

091515-D534-E-D-S

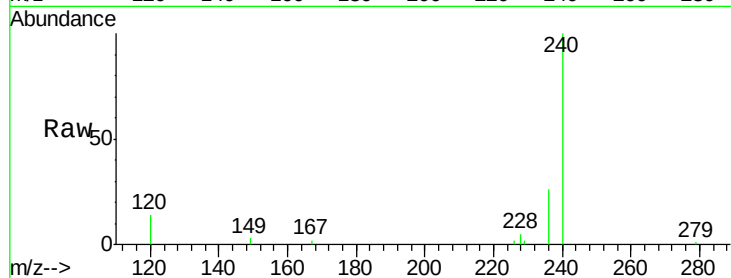
Tgt Ion:228 Resp: 492

Ion Ratio Lower Upper

228 100

226 44.6 24.2 36.4#

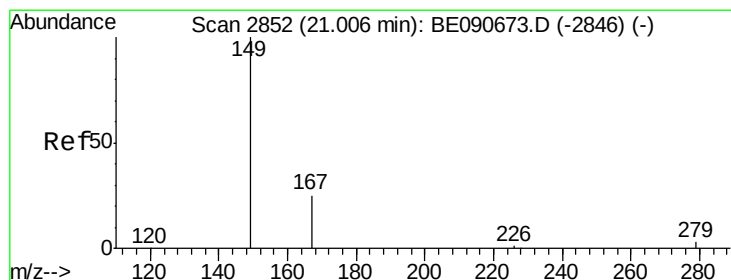
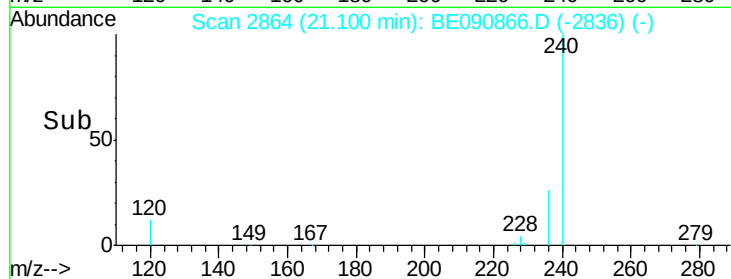
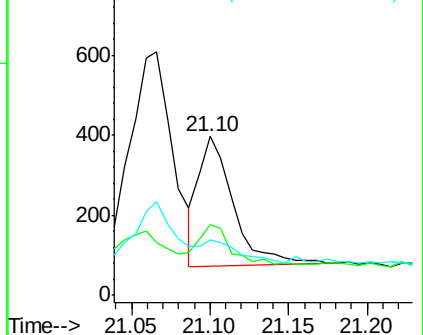
229 34.8 15.3 22.9#



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: 0.13 ng

RT: 21.00 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090866.D

Acq: 17 Sep 2015 16:03

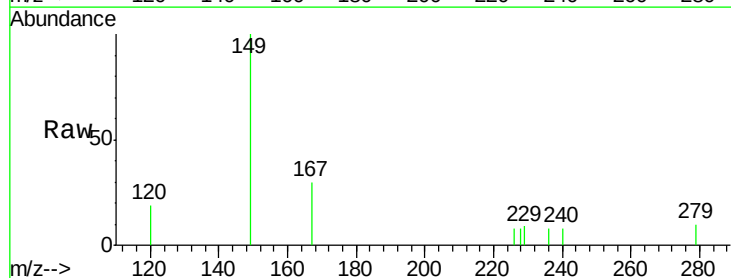
Tgt Ion:149 Resp: 856

Ion Ratio Lower Upper

149 100

167 25.0 20.1 30.1

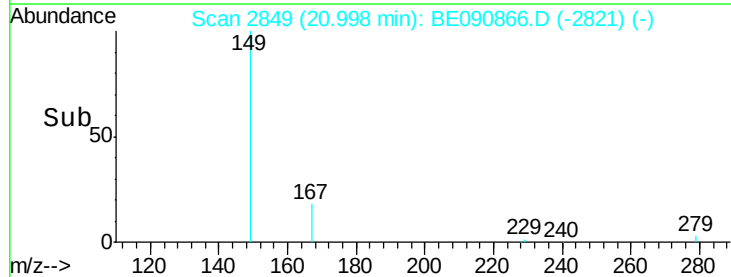
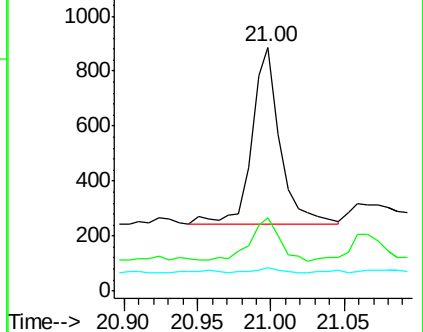
279 2.8 2.3 3.5

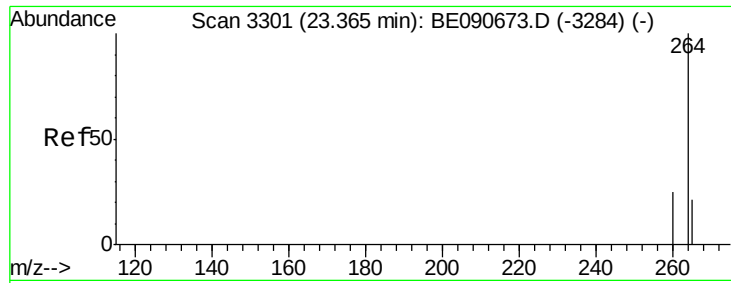


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

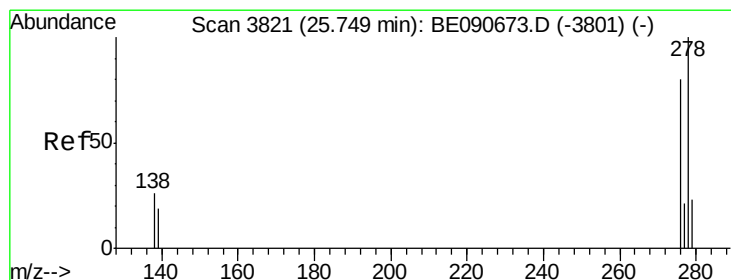
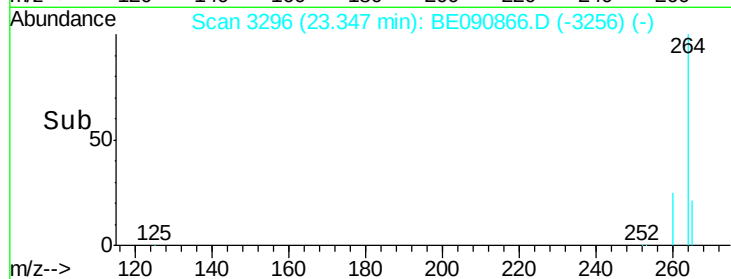
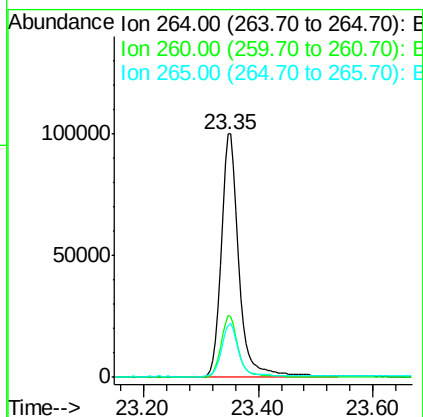
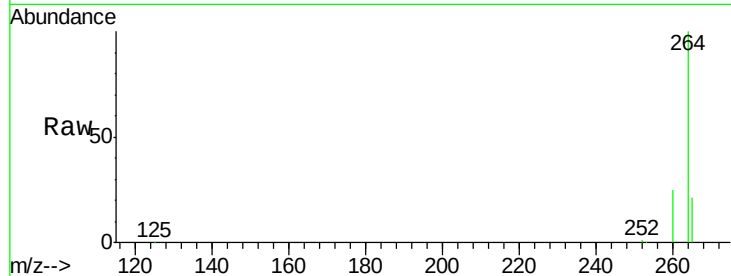




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3296
 Delta R.T. -0.02 min
 Lab File: BE090866.D
 Acq: 17 Sep 2015 16:03

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

Tgt Ion: 264 Resp: 217796
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.7 29.5
 265 21.3 17.5 26.3



#36
Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.75 min Scan# 3820
 Delta R.T. 0.00 min
 Lab File: BE090866.D
 Acq: 17 Sep 2015 16:03

Tgt Ion: 278 Resp: 173
 Ion Ratio Lower Upper
 278 100
 139 104.5 15.4 23.0#
 279 84.8 18.8 28.2#

