

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
 Data File : BE090741.D
 Acq On : 4 Sep 2015 22:06
 Operator : UM/IZ
 Sample : G3562-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090315-D534-F-D-S

Quant Time: Sep 07 01:02:12 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	38376	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	164913	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	92823	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	235287	5.00	ng	0.00
25) Chrysene-d12	21.07	240	294192	5.00	ng	0.00
32) Perylene-d12	23.36	264	274073	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	31815	4.26	ng	0.00
5) Phenol-d6	6.75	99	23222	2.17	ng	0.00
7) Nitrobenzene-d5	8.71	82	46942	4.31	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	28847	10.54	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	102050	3.97	ng	0.00
27) Terphenyl-d14	19.53	244	196814	6.05	ng	0.00

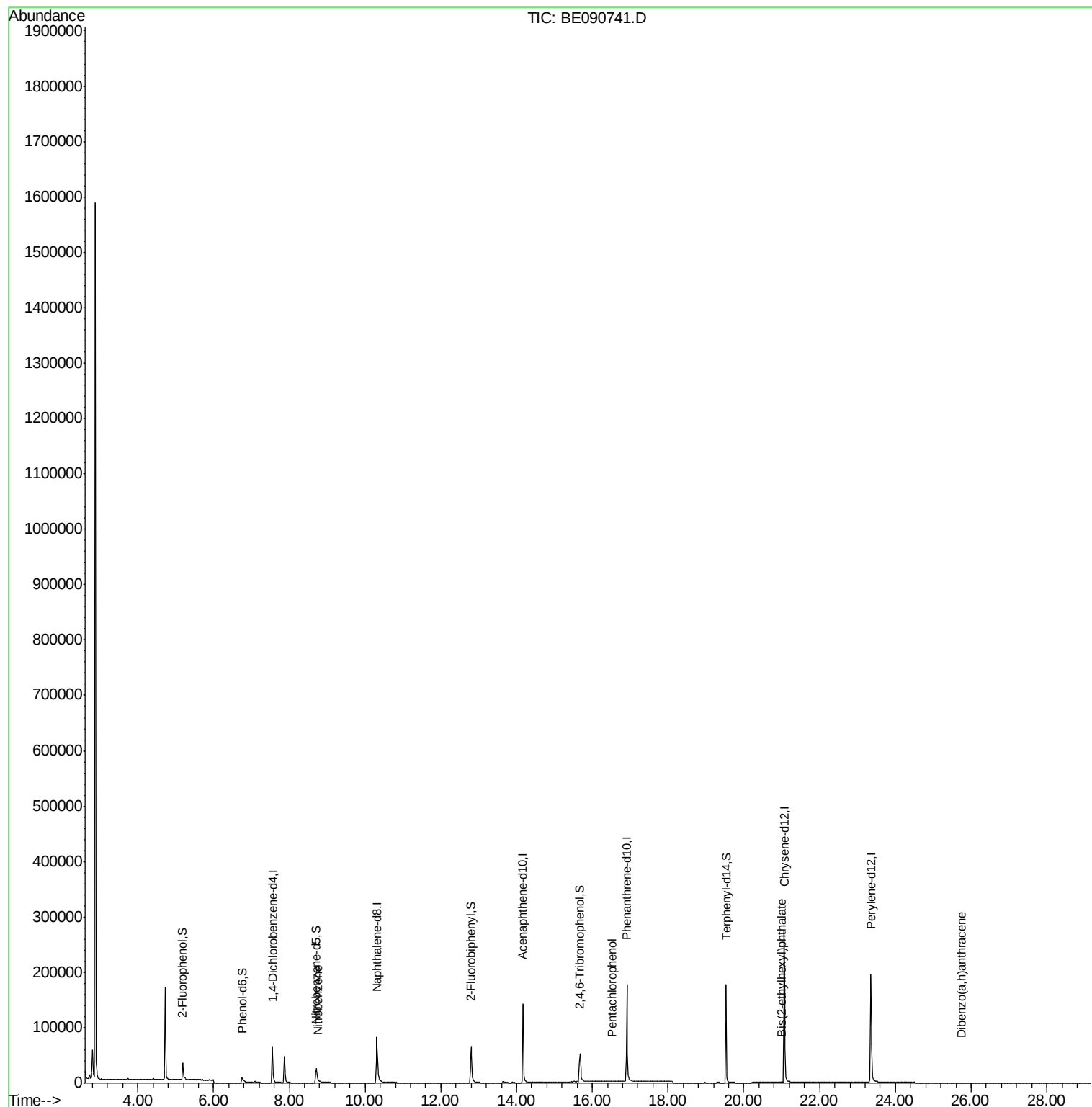
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	69	Below Cal	#	16
3) n-Nitrosodimethylamine	3.47	42	45	Below Cal	#	1
8) Nitrobenzene	8.77	77	13	0.11	ng	80
20) Hexachlorobenzene	16.20	284	78	Below Cal	#	61
21) Pentachlorophenol	16.53	266	17	0.46	ng	53
29) Chrysene	21.11	228	746	Below Cal	#	74
30) Bis(2-ethylhexyl)phthalate	21.00	149	2352	0.20	ng	95
36) Dibenzo(a,h)anthracene	25.74	278	151	0.14	ng	1

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
Data File : BE090741.D
Acq On : 4 Sep 2015 22:06
Operator : UM/IZ
Sample : G3562-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Quant Time: Sep 07 01:02:12 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# 838

Delta R.T. -0.00 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

Instrument :

BNA_E

ClientSampleId :

090315-D534-F-D-S

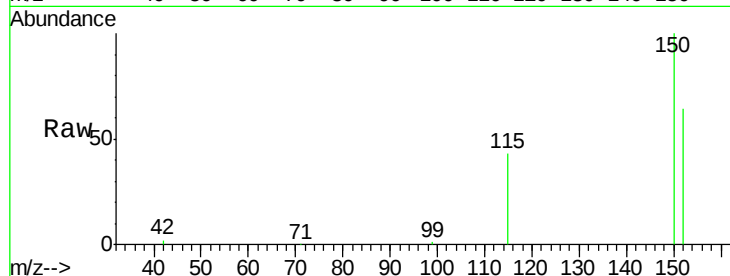
Tgt Ion:152 Resp: 38376

Ion Ratio Lower Upper

152 100

150 155.4 122.2 183.4

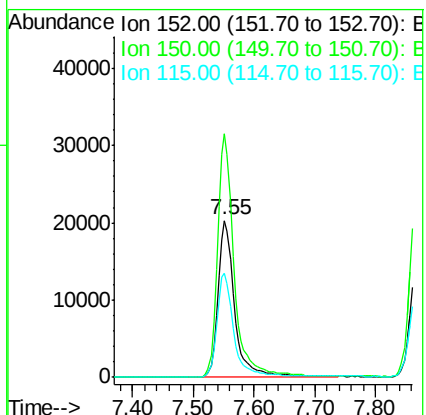
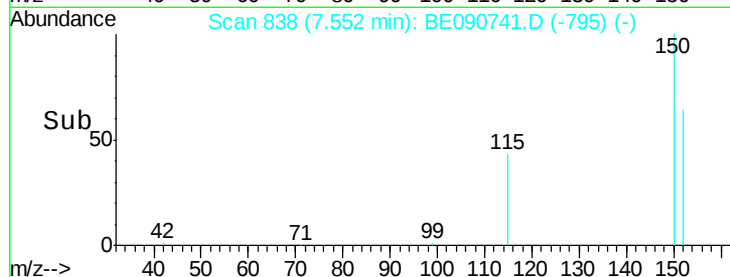
115 66.7 51.0 76.4



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: 3.11 min Scan# 76

Delta R.T. -0.05 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

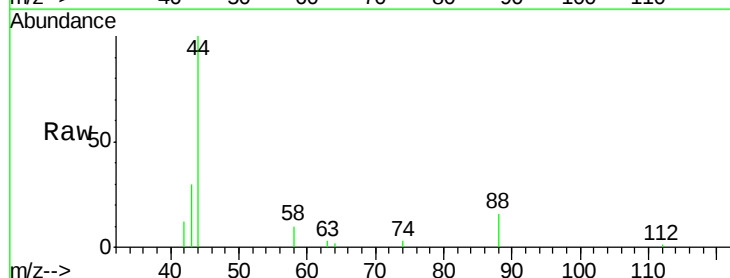
Tgt Ion: 88 Resp: 69

Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

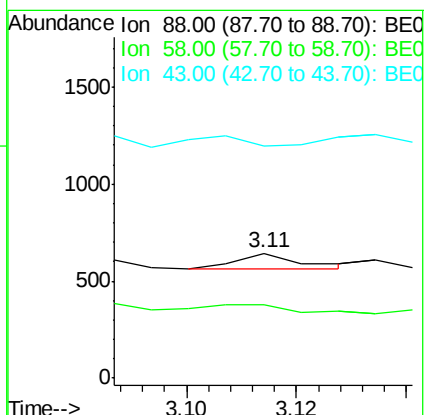
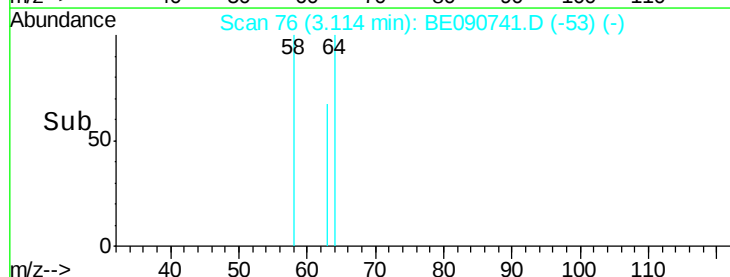
43 0.0 26.9 40.3#



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



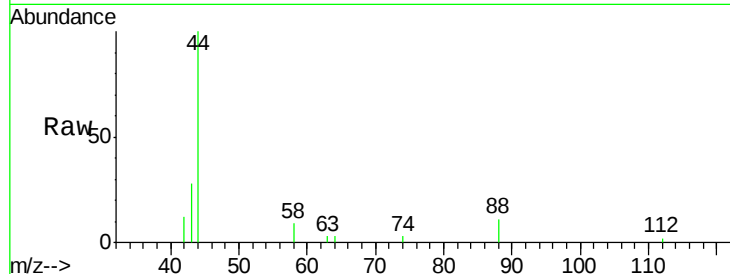


#3

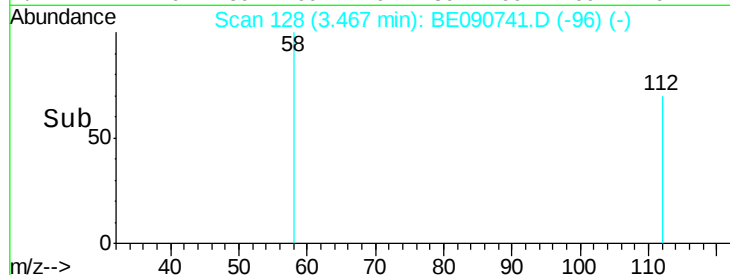
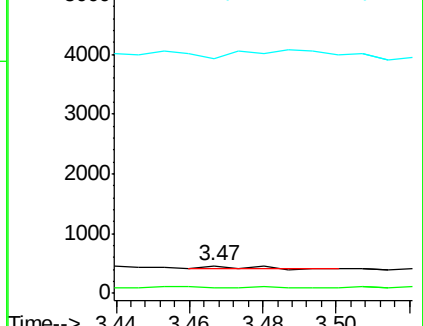
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.47 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: BE090741.D
 Acq: 4 Sep 2015 22:06

Instrument :
 BNA_E
 ClientSampleId :
 090315-D534-F-D-S

Tgt Ion: 42 Resp: 45
 Ion Ratio Lower Upper
 42 100
 74 24.4 83.7 125.5#
 44 637.8 10.0 15.0#



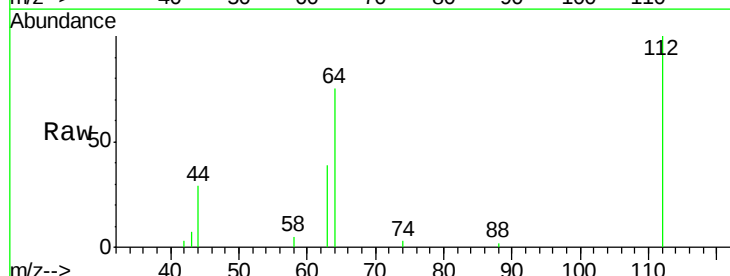
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



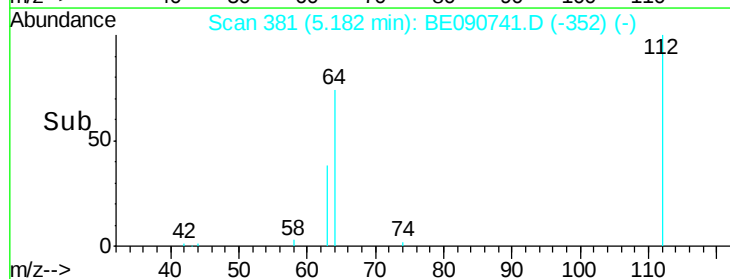
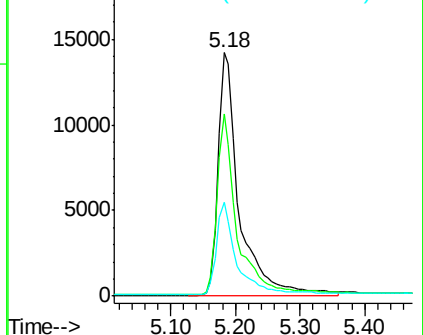
#4

2-Fluorophenol
 Concen: 4.26 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: BE090741.D
 Acq: 4 Sep 2015 22:06

Tgt Ion: 112 Resp: 31815
 Ion Ratio Lower Upper
 112 100
 64 71.0 57.3 85.9
 63 36.3 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: 2.17 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

Instrument :

BNA_E

ClientSampleId :

090315-D534-F-D-S

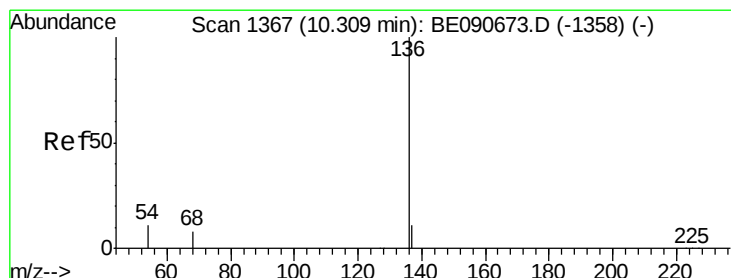
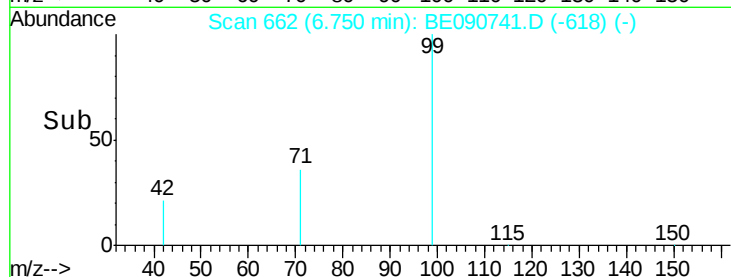
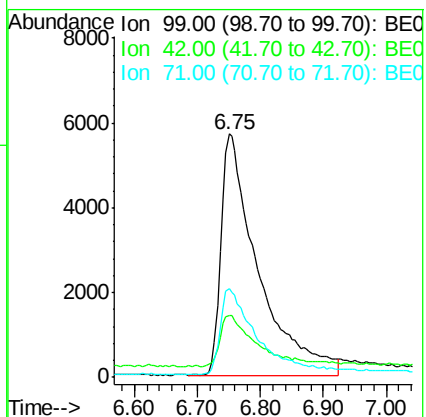
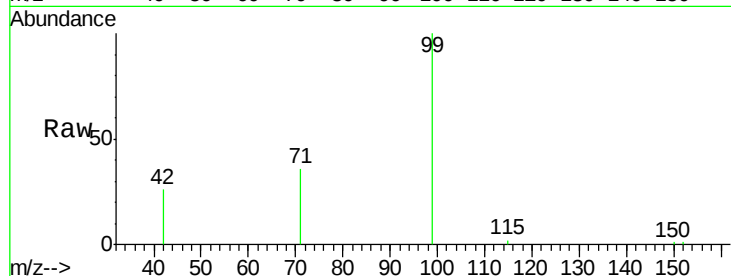
Tgt Ion: 99 Resp: 23222

Ion Ratio Lower Upper

99 100

42 19.7 16.8 25.2

71 35.9 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

Tgt Ion: 136 Resp: 164913

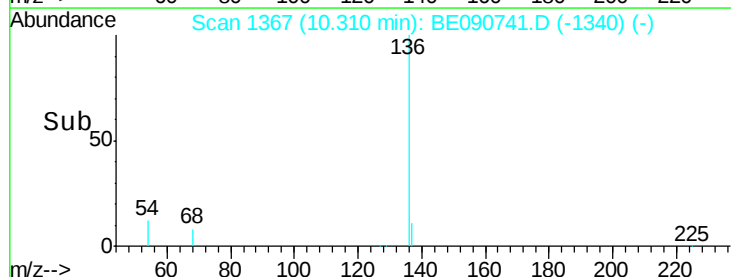
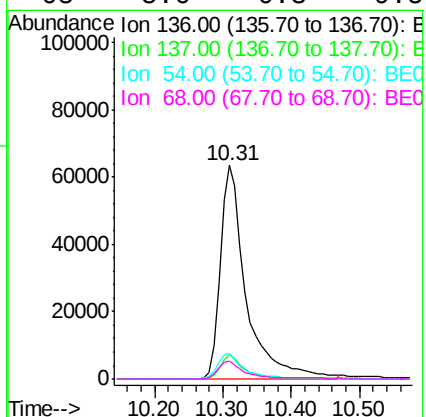
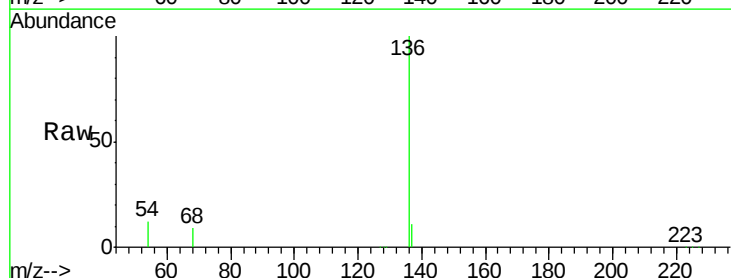
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.9 9.0 13.6

68 8.6 6.3 9.5





#7

Nitrobenzene-d5

Concen: 4.31 ng

RT: 8.71 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

Instrument :

BNA_E

ClientSampleId :

090315-D534-F-D-S

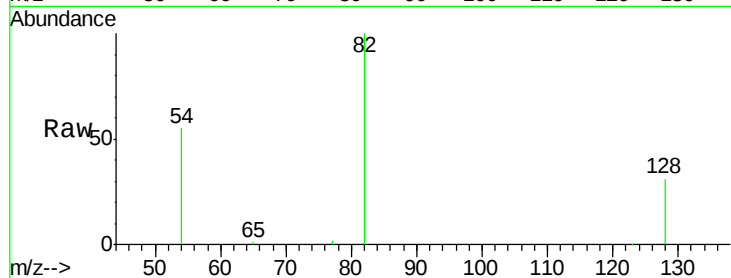
Tgt Ion: 82 Resp: 46942

Ion Ratio Lower Upper

82 100

128 31.0 25.0 37.4

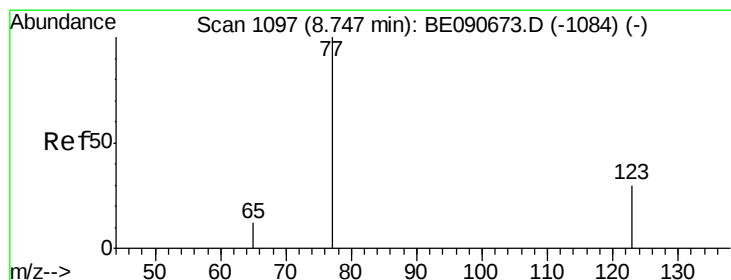
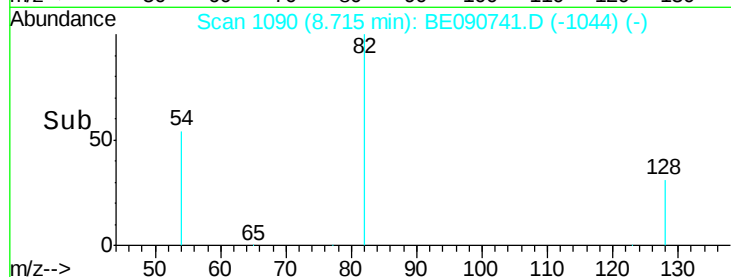
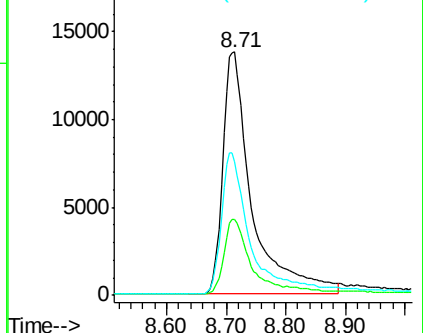
54 54.9 46.3 69.5



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: 8.77 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

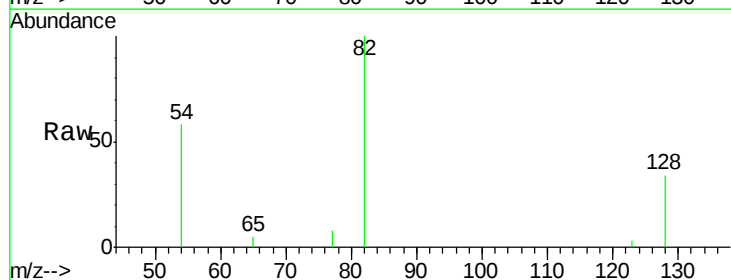
Tgt Ion: 77 Resp: 13

Ion Ratio Lower Upper

77 100

123 23.1 25.1 37.7#

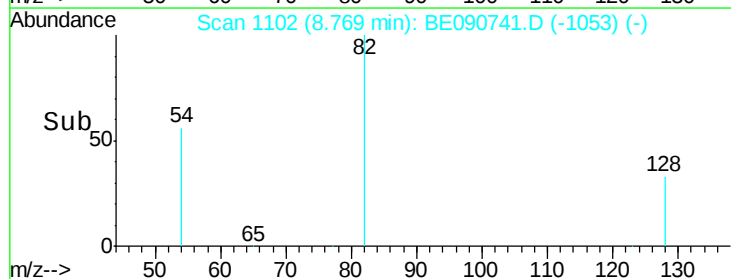
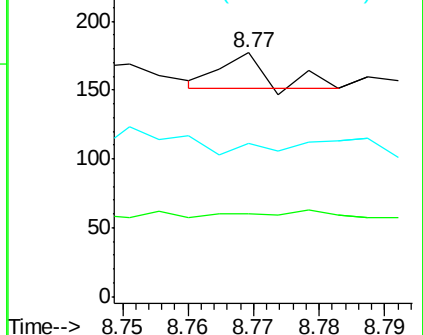
65 0.0 9.9 14.9#



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: BE090741.D

Acq: 4 Sep 2015 22:06

Instrument :

BNA_E

ClientSampleId :

090315-D534-F-D-S

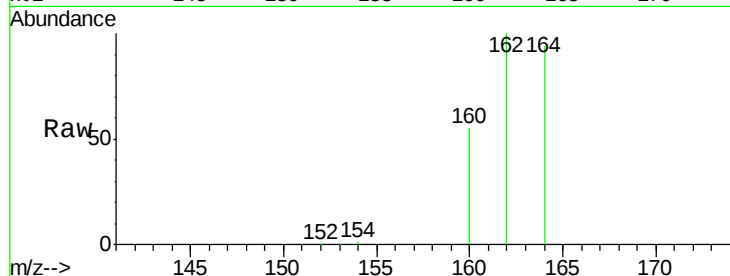
Tgt Ion:164 Resp: 92823

Ion Ratio Lower Upper

164 100

162 106.7 86.8 130.2

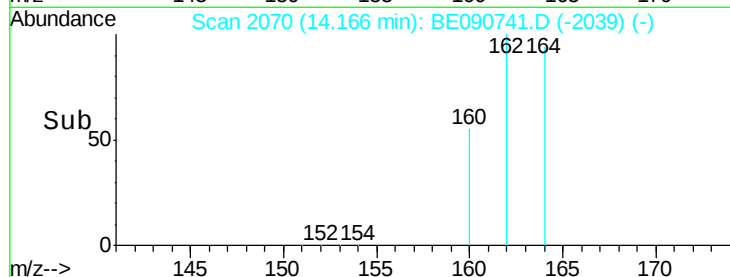
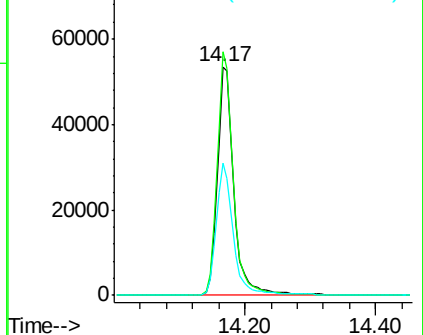
160 58.2 53.9 80.9



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: 10.54 ng

RT: 15.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

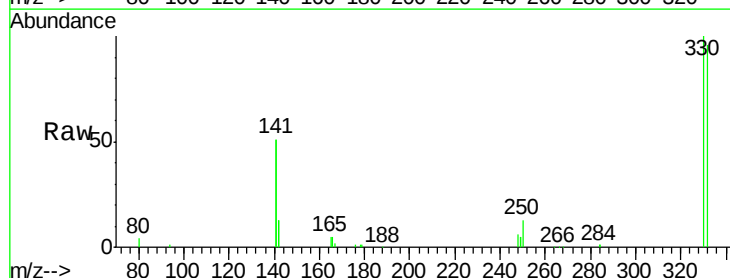
Tgt Ion:330 Resp: 28847

Ion Ratio Lower Upper

330 100

332 97.6 74.9 112.3

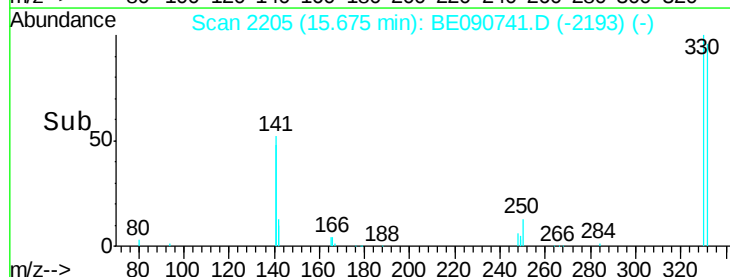
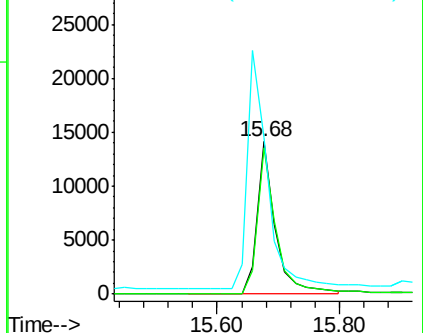
141 175.2 145.2 217.8

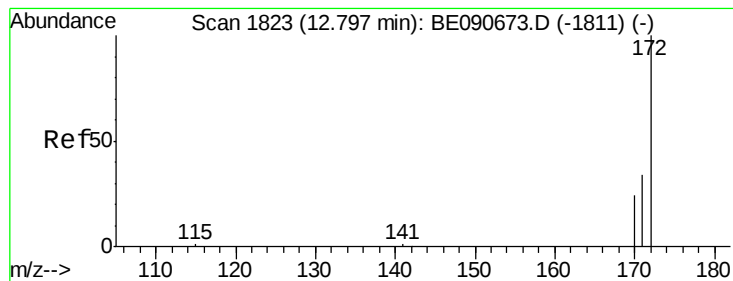


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 3.97 ng

RT: 12.80 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

Instrument :

BNA_E

ClientSampleId :

090315-D534-F-D-S

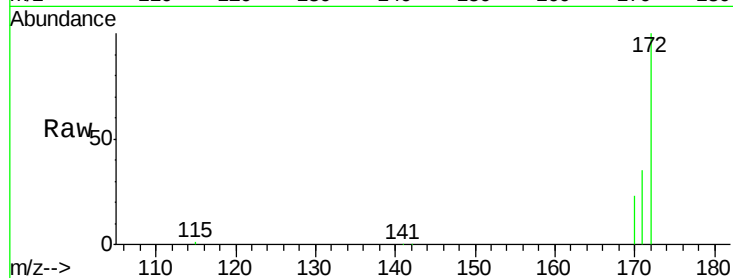
Tgt Ion:172 Resp: 102050

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.8

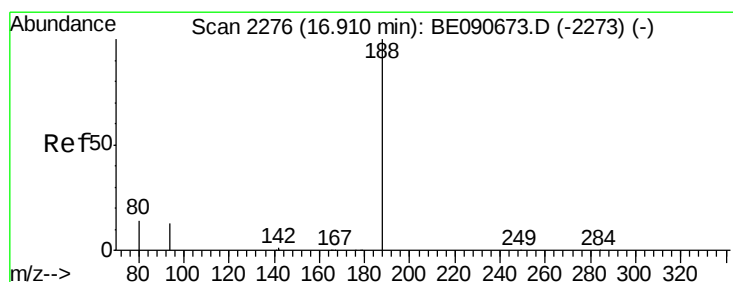
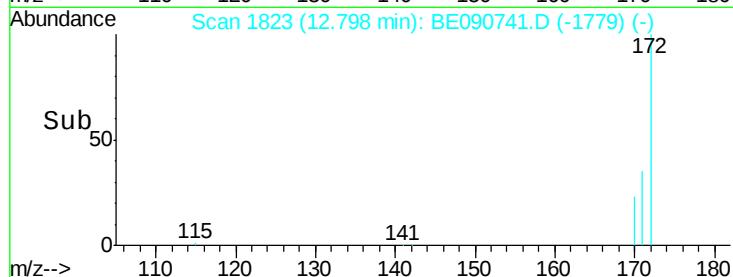
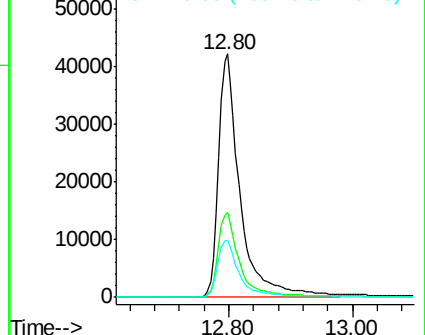
170 23.3 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

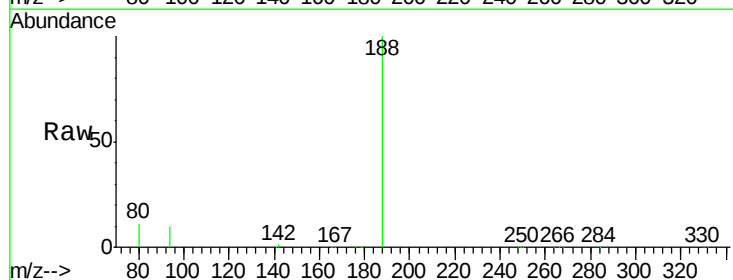
Tgt Ion:188 Resp: 235287

Ion Ratio Lower Upper

188 100

94 10.5 10.3 15.5

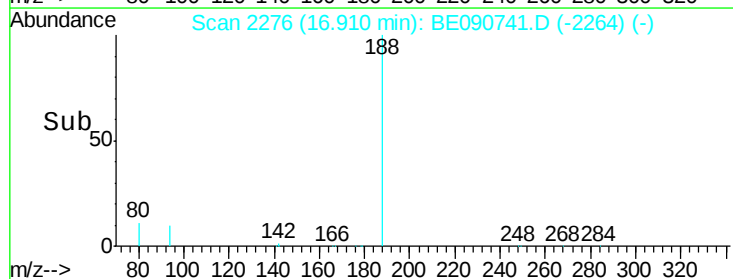
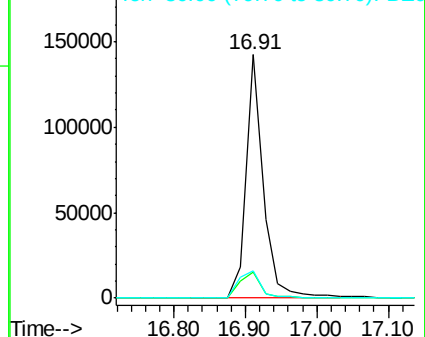
80 11.4 11.0 16.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.20 min Scan# 2235

Delta R.T. -0.03 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

Instrument :

BNA_E

ClientSampleId :

090315-D534-F-D-S

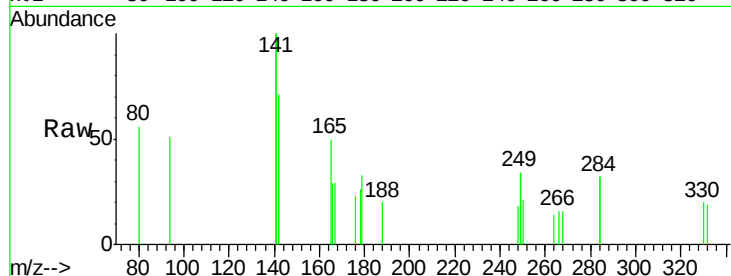
Tgt Ion: 284 Resp: 78

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

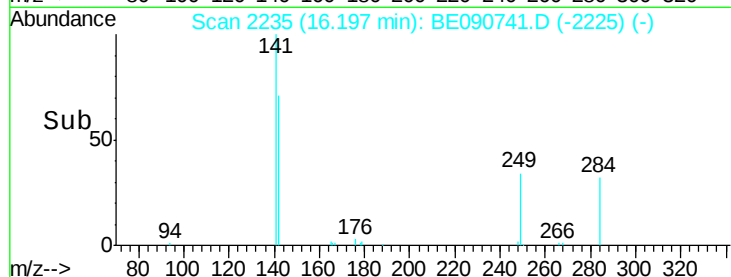
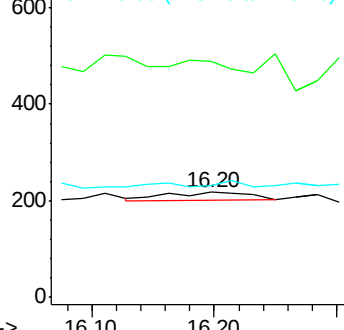
249 32.1 25.5 38.3



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: 0.46 ng

RT: 16.53 min Scan# 2254

Delta R.T. -0.07 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

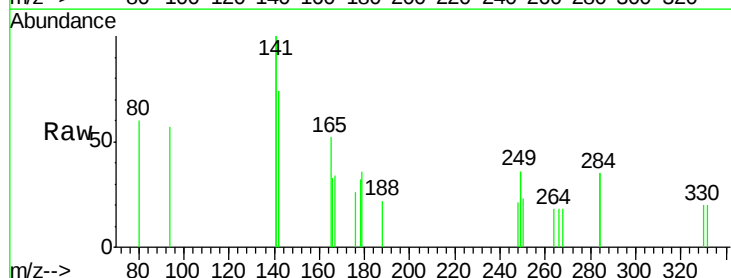
Tgt Ion: 266 Resp: 17

Ion Ratio Lower Upper

266 100

268 101.8 49.6 74.4#

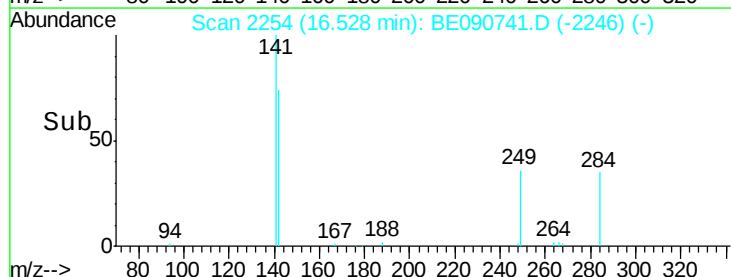
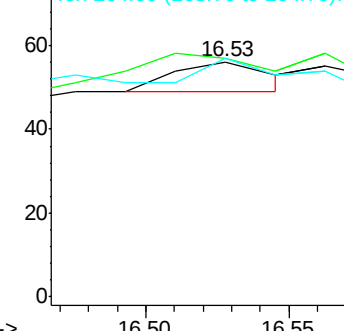
264 101.8 53.9 80.9#



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

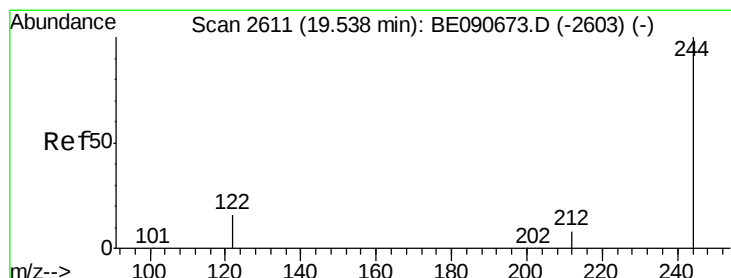
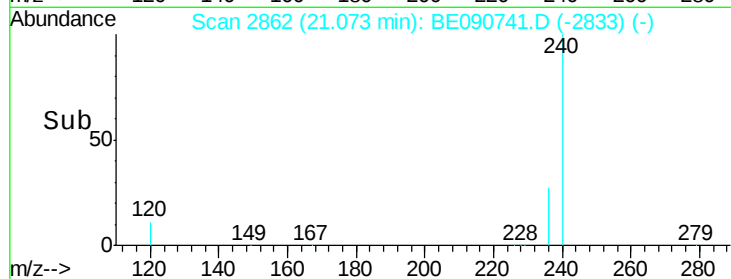
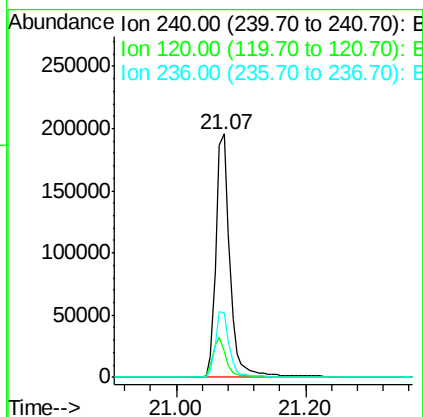
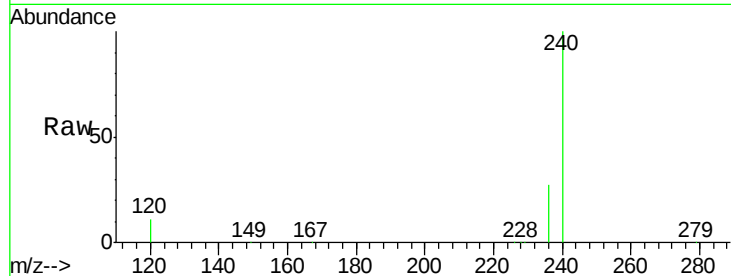




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

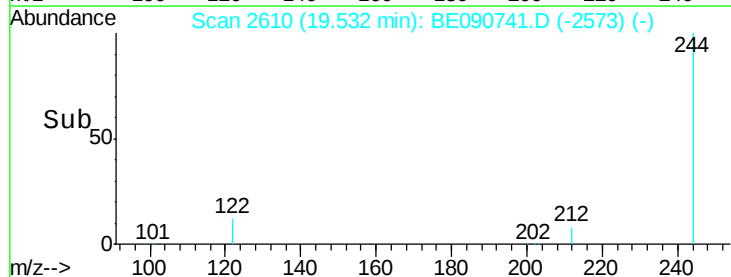
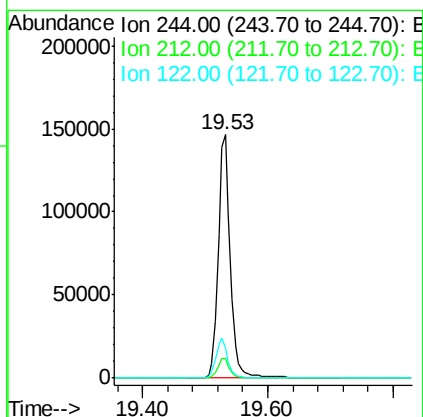
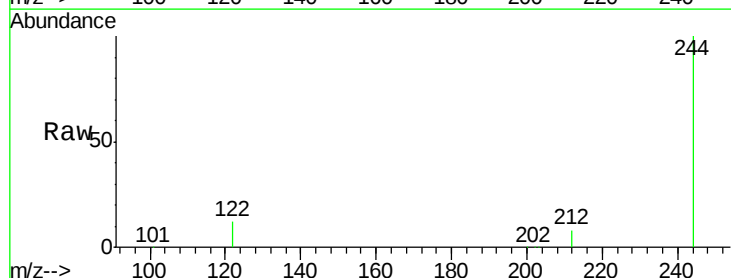
Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Tgt Ion:240 Resp: 294192
Ion Ratio Lower Upper
240 100
120 10.8 10.1 15.1
236 26.5 21.9 32.9



#27
Terphenyl-d14
Concen: 6.05 ng
RT: 19.53 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Tgt Ion:244 Resp: 196814
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 12.2 12.9 19.3#





#29

Chrysene

Concen: Below Cal

RT: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

Instrument :

BNA_E

ClientSampleId :

090315-D534-F-D-S

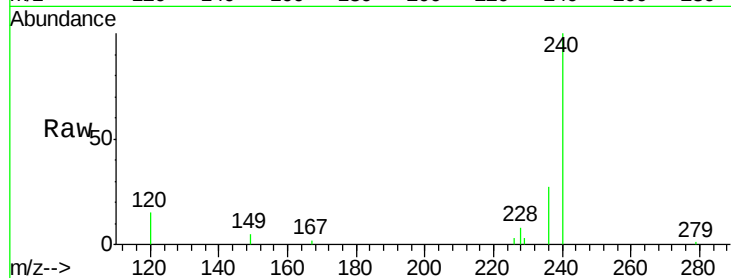
Tgt Ion:228 Resp: 746

Ion Ratio Lower Upper

228 100

226 40.7 24.2 36.4#

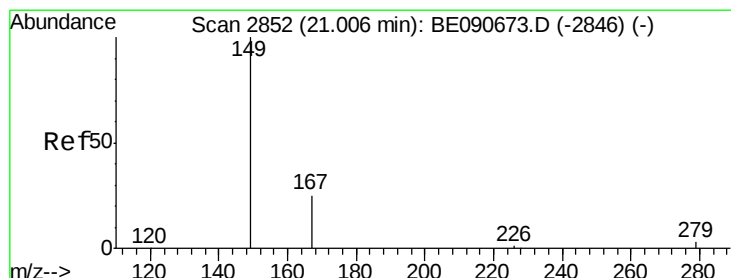
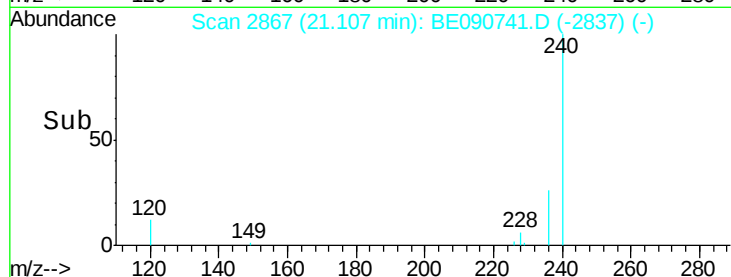
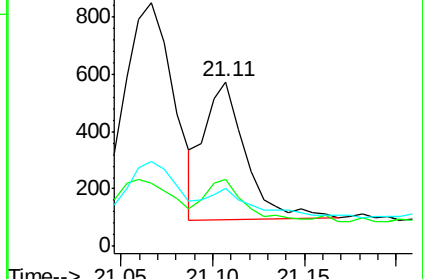
229 35.3 15.3 22.9#



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: 0.20 ng

RT: 21.00 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BE090741.D

Acq: 4 Sep 2015 22:06

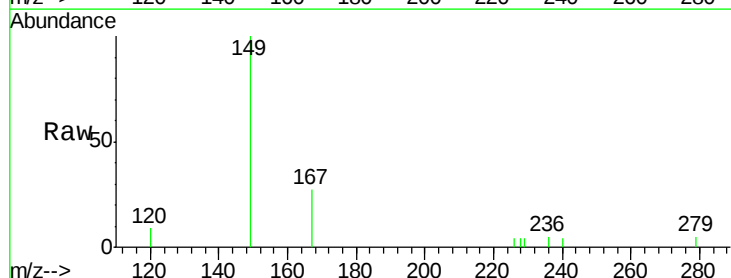
Tgt Ion:149 Resp: 2352

Ion Ratio Lower Upper

149 100

167 22.1 20.1 30.1

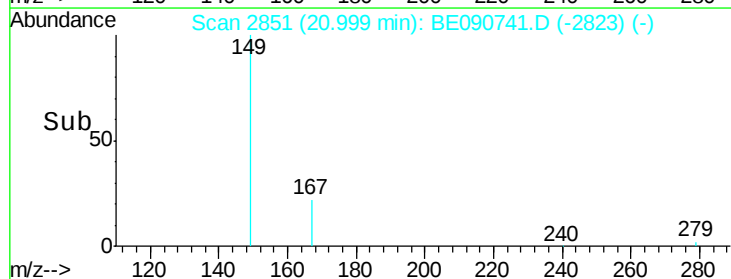
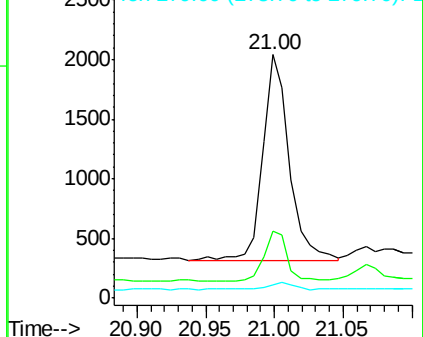
279 2.9 2.3 3.5



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



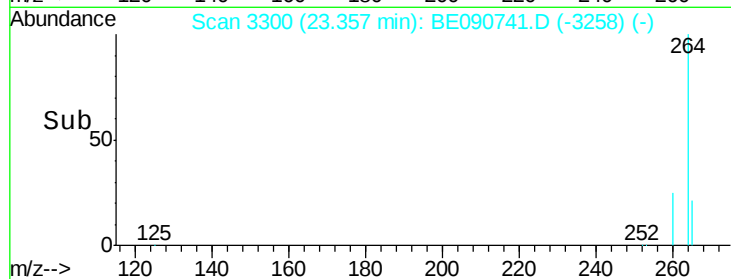
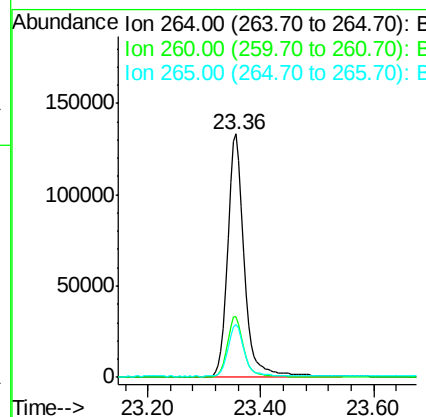


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.01 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-S

Tgt Ion: 264 Resp: 274073

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.6	17.5	26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3821
Delta R.T. -0.00 min
Lab File: BE090741.D
Acq: 4 Sep 2015 22:06

Tgt Ion: 278 Resp: 151

Ion	Ratio	Lower	Upper
278	100		
139	115.9	15.4	23.0#
279	90.3	18.8	28.2#

