

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
 Data File : BE090742.D
 Acq On : 4 Sep 2015 22:42
 Operator : UM/IZ
 Sample : G3563-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090215-D506-F-D-M

Quant Time: Sep 07 01:02:29 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	38854	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	177607	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	101057	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	249002	5.00	ng	0.00
25) Chrysene-d12	21.07	240	305160	5.00	ng	0.00
32) Perylene-d12	23.35	264	282814	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	25515	3.38	ng	0.00
5) Phenol-d6	6.75	99	19831	1.83	ng	0.00
7) Nitrobenzene-d5	8.71	82	41627	3.55	ng	0.00
13) 2,4,6-Tribromophenol	15.68	330	26972	9.07	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	101643	3.63	ng	0.00
27) Terphenyl-d14	19.53	244	182269	5.40	ng	0.00

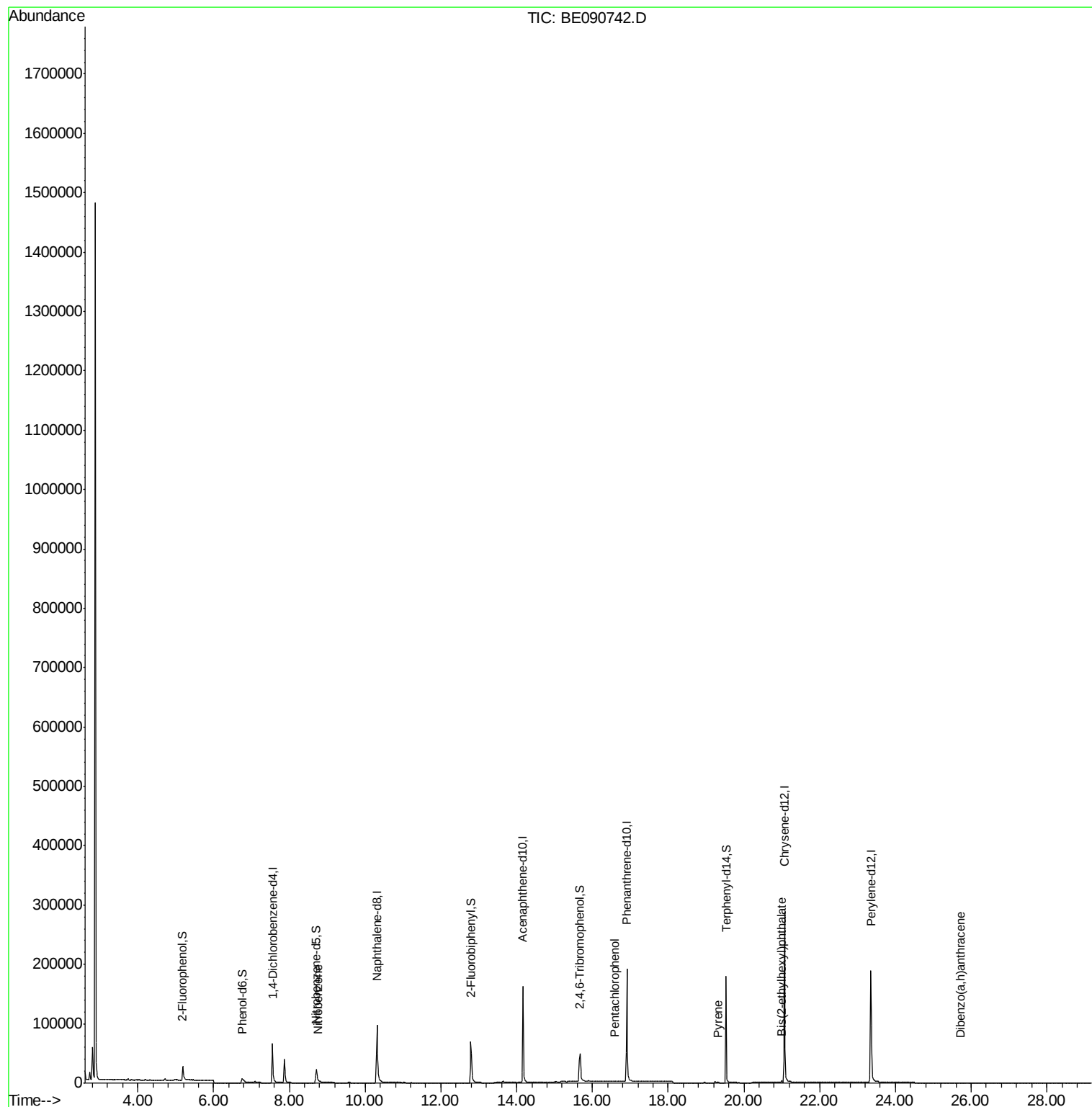
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	83	Below Cal	#	1
3) n-Nitrosodimethylamine	3.47	42	90	Below Cal	#	11
8) Nitrobenzene	8.76	77	21	0.11 ng	#	89
20) Hexachlorobenzene	16.27	284	59	Below Cal	#	37
21) Pentachlorophenol	16.60	266	6	0.46 ng	#	53
26) Pyrene	19.32	202	1306	0.02 ng	#	94
29) Chrysene	21.11	228	569	Below Cal	#	66
30) Bis(2-ethylhexyl)phthalate	21.00	149	2993	0.23 ng	#	99
36) Dibenzo(a,h)anthracene	25.72	278	11	0.14 ng	#	1

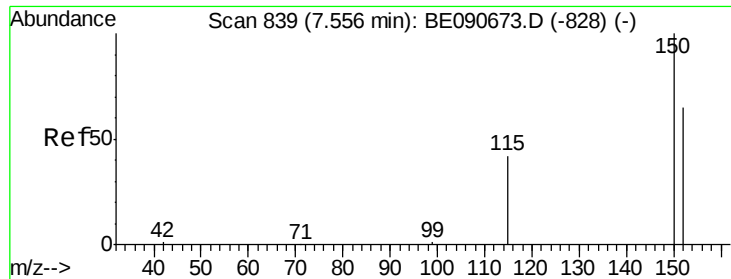
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090742.D

Acq: 4 Sep 2015 22:42

Instrument :

BNA_E

ClientSampleId :

090215-D506-F-D-M

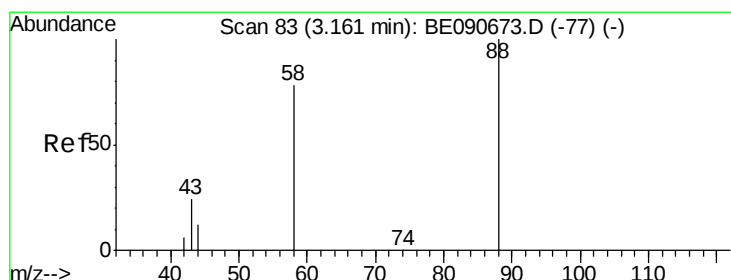
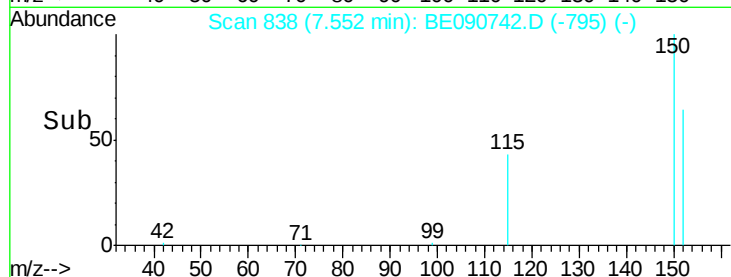
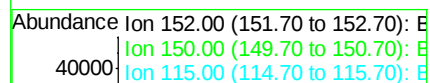
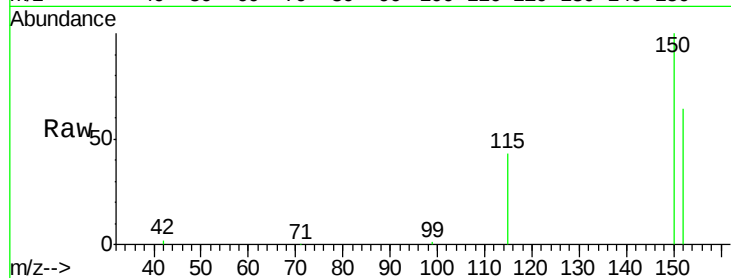
Tgt Ion: 152 Resp: 38854

Ion Ratio Lower Upper

152 100

150 156.2 122.2 183.4

115 67.1 51.0 76.4



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.25 min Scan# 96

Delta R.T. 0.09 min

Lab File: BE090742.D

Acq: 4 Sep 2015 22:42

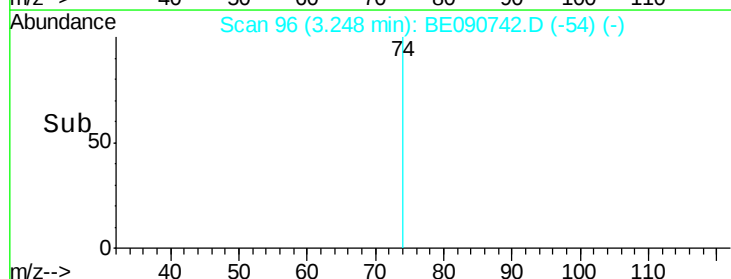
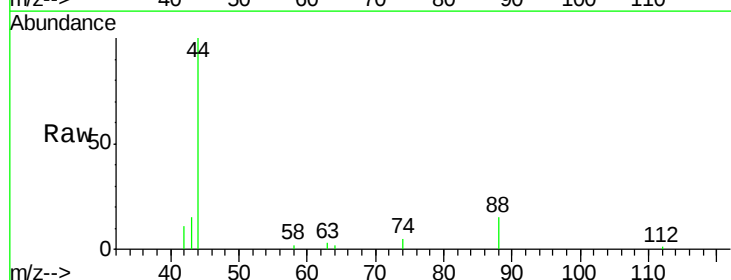
Tgt Ion: 88 Resp: 83

Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

43 506.0 26.9 40.3#



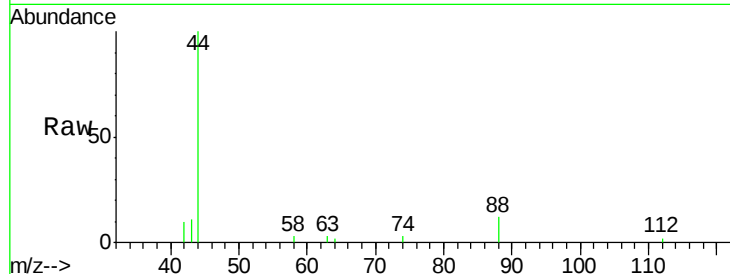


#3

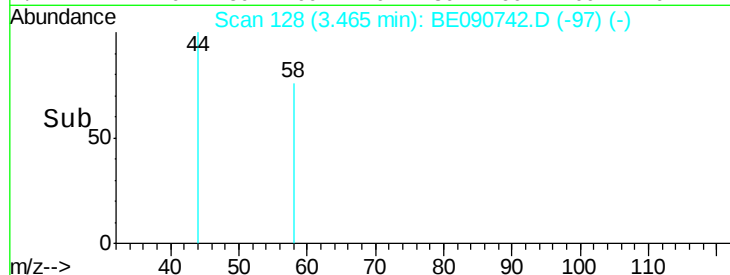
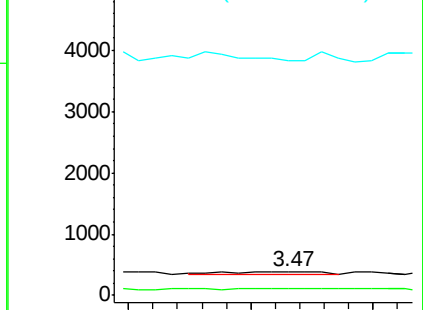
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.47 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: BE090742.D
 Acq: 4 Sep 2015 22:42

Instrument :
 BNA_E
 ClientSampleId :
 090215-D506-F-D-M

Tgt Ion: 42 Resp: 90
 Ion Ratio Lower Upper
 42 100
 74 34.4 83.7 125.5#
 44 114.4 10.0 15.0#



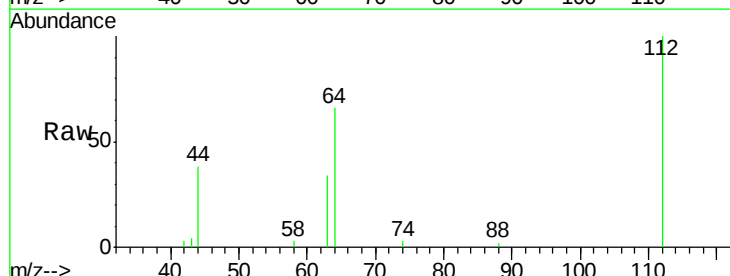
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



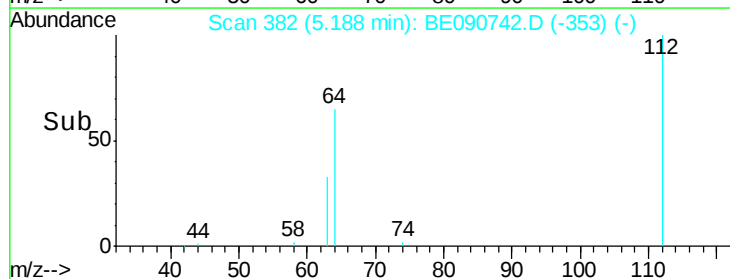
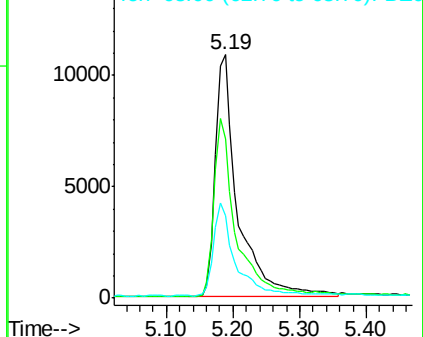
#4

2-Fluorophenol
 Concen: 3.38 ng
 RT: 5.19 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: BE090742.D
 Acq: 4 Sep 2015 22:42

Tgt Ion: 112 Resp: 25515
 Ion Ratio Lower Upper
 112 100
 64 72.0 57.3 85.9
 63 36.7 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: 1.83 ng

RT: 6.75 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090742.D

Acq: 4 Sep 2015 22:42

Instrument :

BNA_E

ClientSampleId :

090215-D506-F-D-M

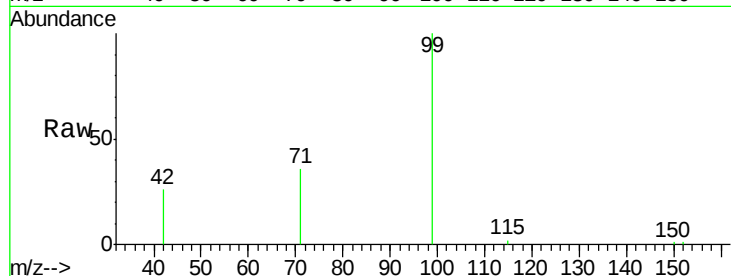
Tgt Ion: 99 Resp: 19831

Ion Ratio Lower Upper

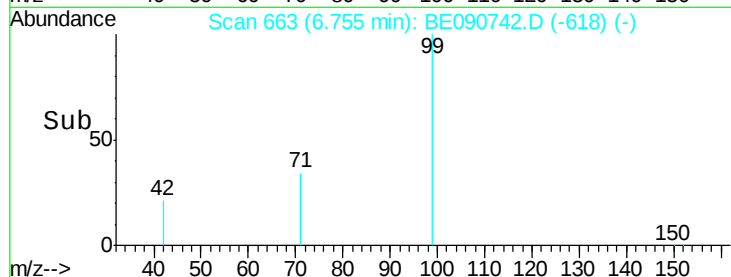
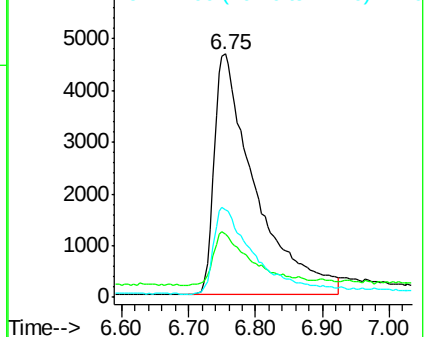
99 100

42 20.4 16.8 25.2

71 35.3 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: BE090742.D

Acq: 4 Sep 2015 22:42

Tgt Ion: 136 Resp: 177607

Ion Ratio Lower Upper

136 100

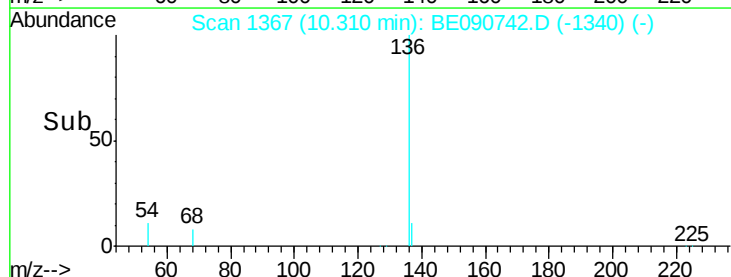
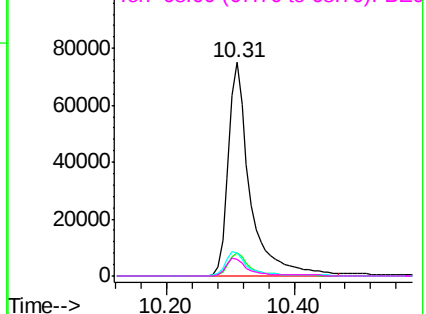
137 10.9 8.7 13.1

54 11.0 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: 3.55 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090742.D

Acq: 4 Sep 2015 22:42

Instrument :

BNA_E

ClientSampleId :

090215-D506-F-D-M

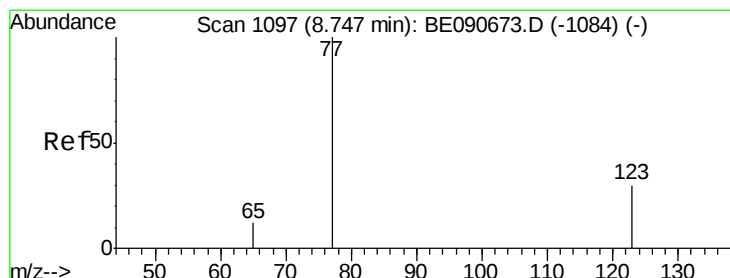
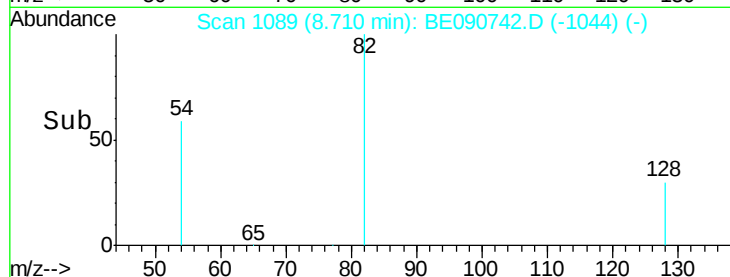
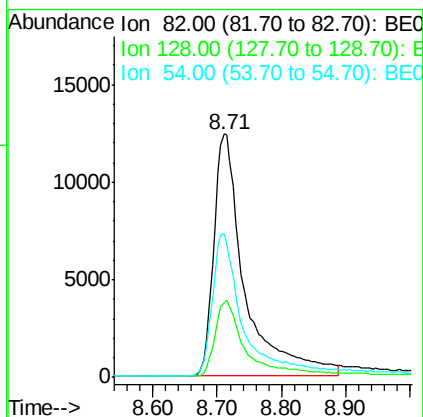
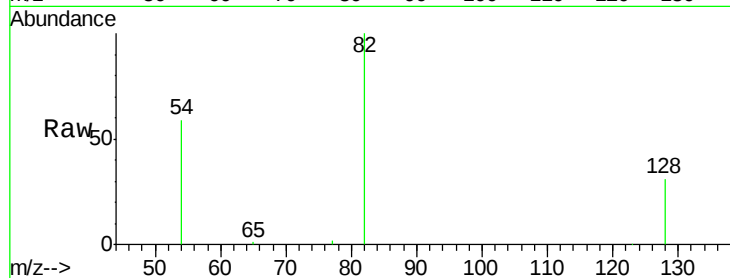
Tgt Ion: 82 Resp: 41627

Ion Ratio Lower Upper

82 100

128 30.6 25.0 37.4

54 59.0 46.3 69.5



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.76 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BE090742.D

Acq: 4 Sep 2015 22:42

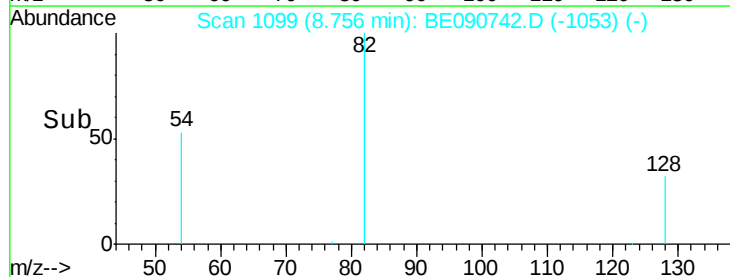
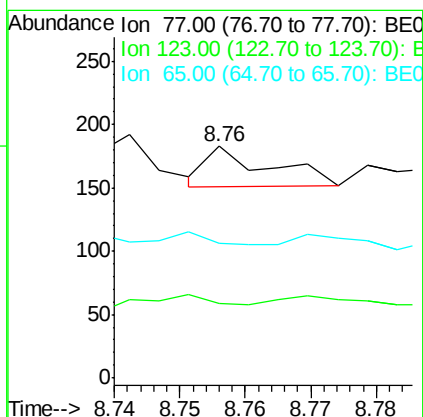
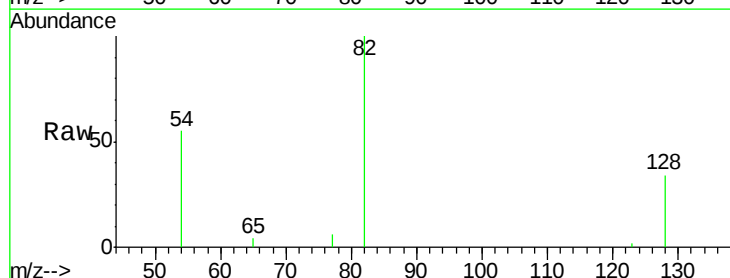
Tgt Ion: 77 Resp: 21

Ion Ratio Lower Upper

77 100

123 33.3 25.1 37.7

65 0.0 9.9 14.9#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090742.D

Acq: 4 Sep 2015 22:42

Instrument :

BNA_E

ClientSampleId :

090215-D506-F-D-M

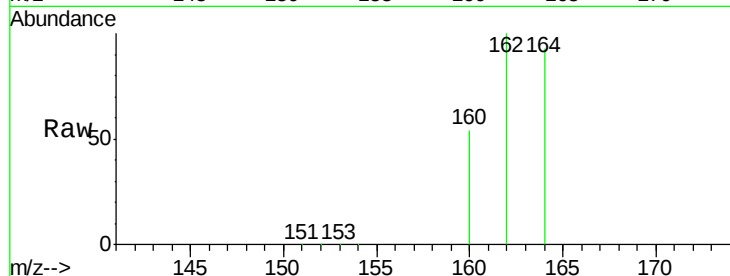
Tgt Ion:164 Resp: 101057

Ion Ratio Lower Upper

164 100

162 107.0 86.8 130.2

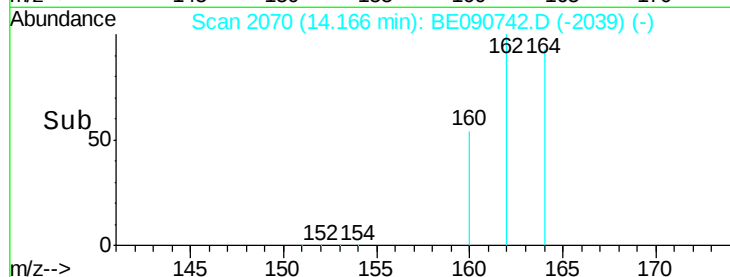
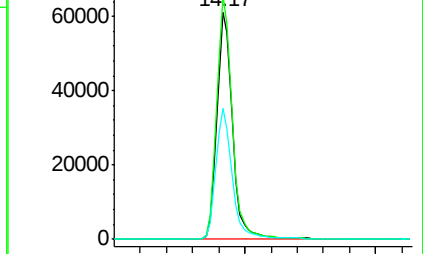
160 57.6 53.9 80.9



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: 9.07 ng

RT: 15.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE090742.D

Acq: 4 Sep 2015 22:42

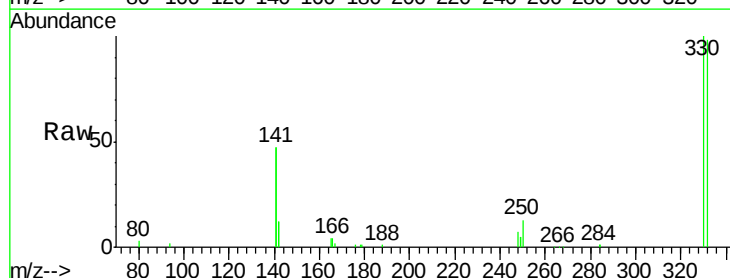
Tgt Ion:330 Resp: 26972

Ion Ratio Lower Upper

330 100

332 97.7 74.9 112.3

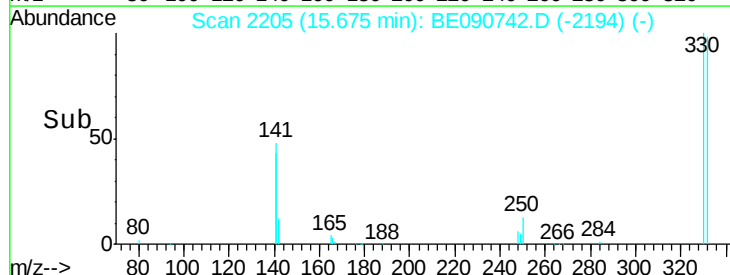
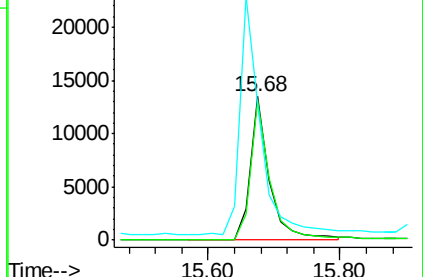
141 178.8 145.2 217.8



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

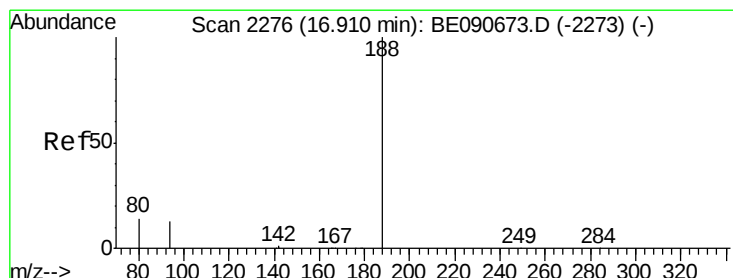
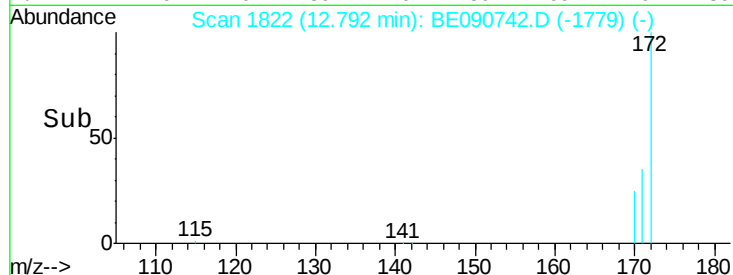
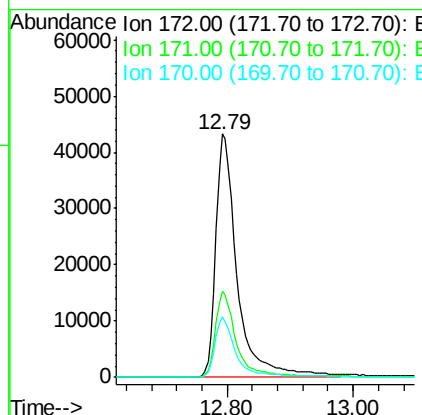
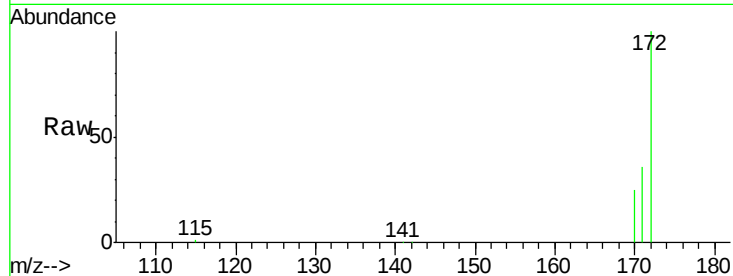




#14
2-Fluorobiphenyl
Concen: 3.63 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090742.D
Acq: 4 Sep 2015 22:42

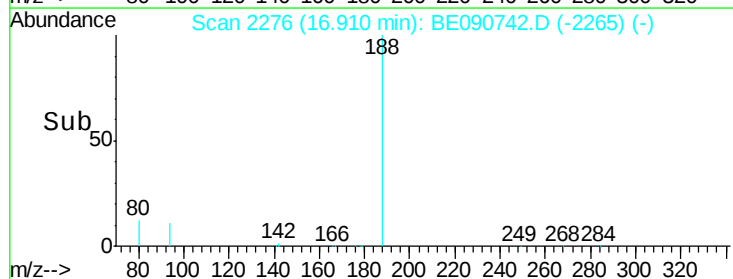
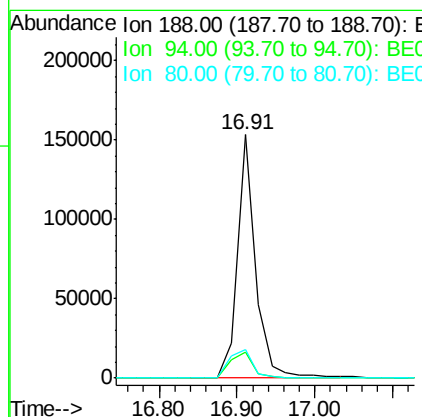
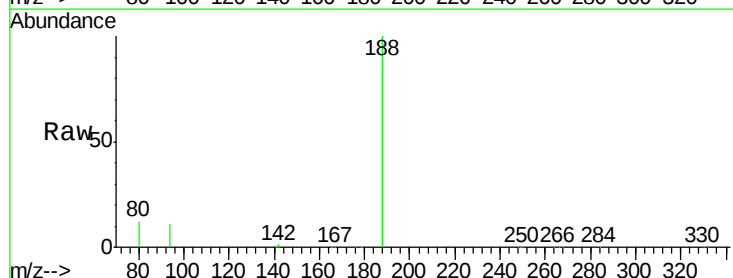
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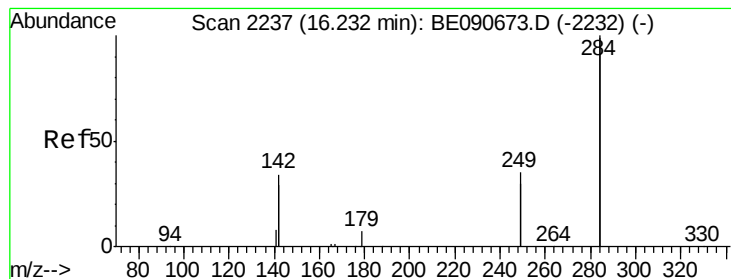
Tgt Ion:172 Resp: 101643
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 24.9 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090742.D
Acq: 4 Sep 2015 22:42

Tgt Ion:188 Resp: 249002
Ion Ratio Lower Upper
188 100
94 10.8 10.3 15.5
80 11.7 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.27 min Scan# 2239

Delta R.T. 0.04 min

Lab File: BE090742.D

Acq: 4 Sep 2015 22:42

Instrument :

BNA_E

ClientSampleId :

090215-D506-F-D-M

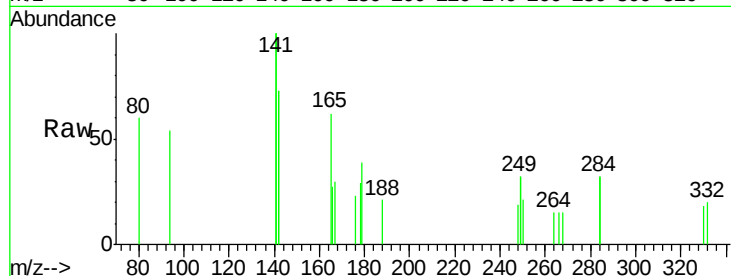
Tgt Ion: 284 Resp: 59

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

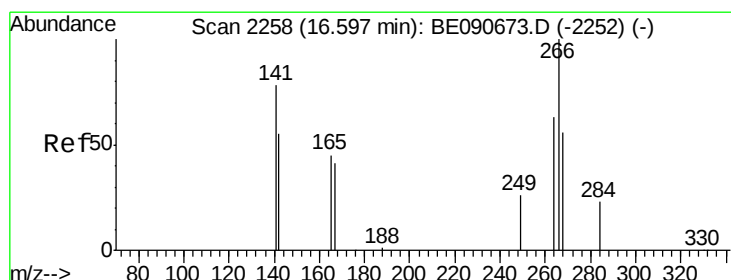
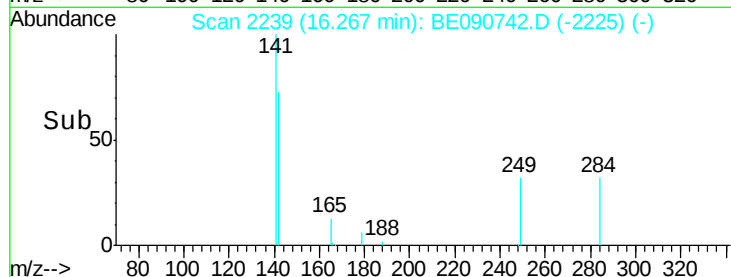
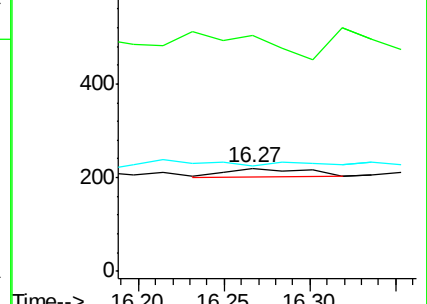
249 0.0 25.5 38.3#



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



#21

Pentachlorophenol

Concen: 0.46 ng

RT: 16.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BE090742.D

Acq: 4 Sep 2015 22:42

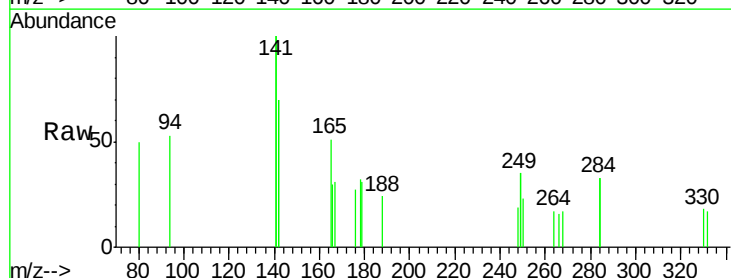
Tgt Ion: 266 Resp: 6

Ion Ratio Lower Upper

266 100

268 101.9 49.6 74.4#

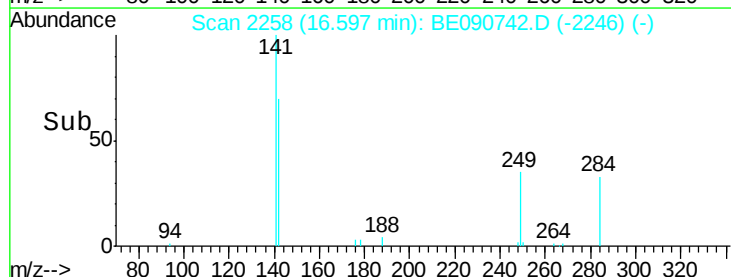
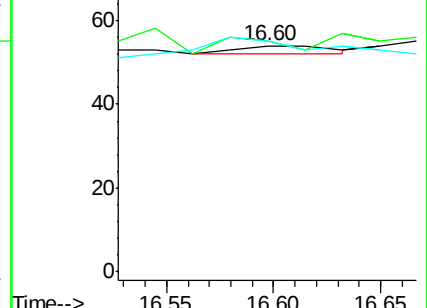
264 101.9 53.9 80.9#



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

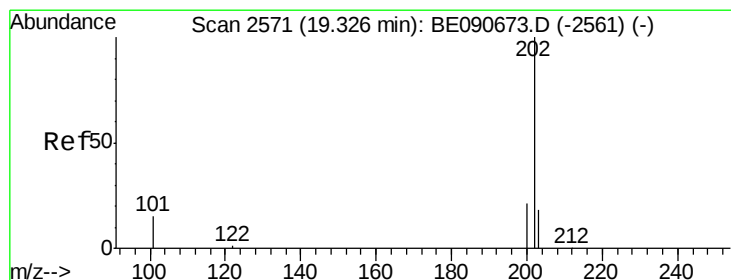
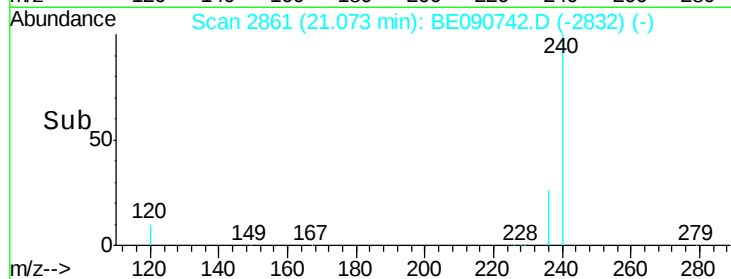
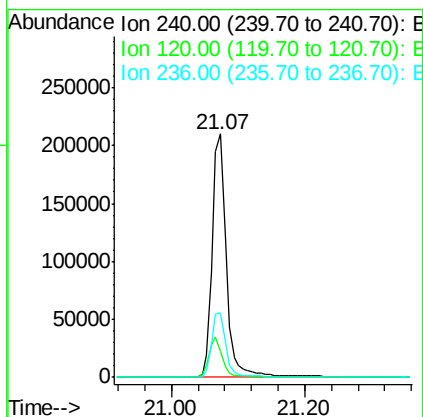
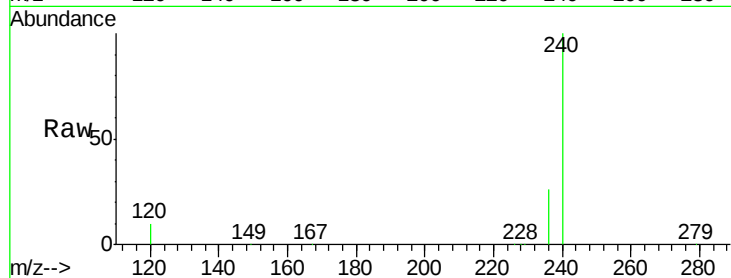




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090742.D
Acq: 4 Sep 2015 22:42

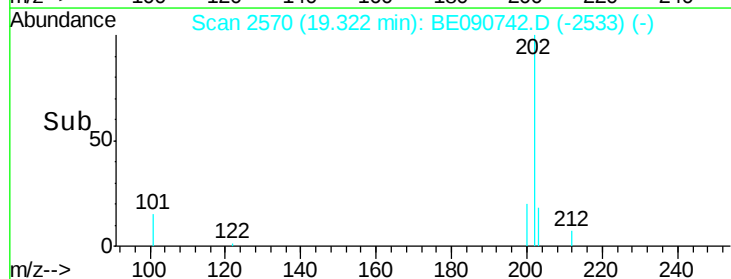
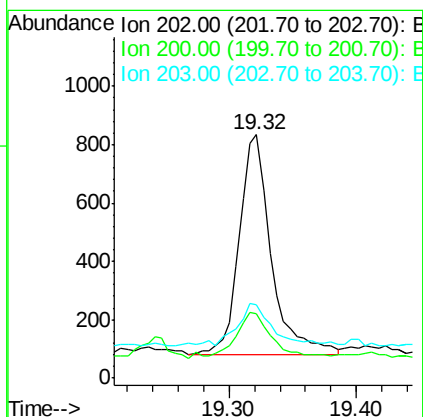
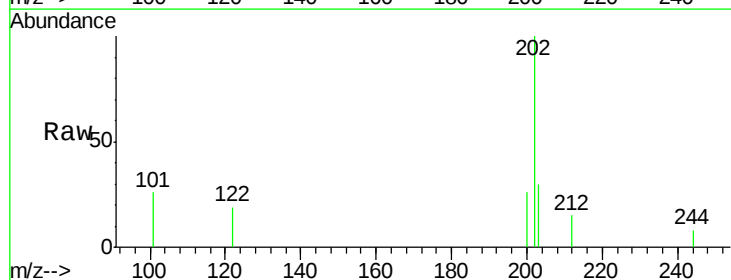
Instrument :
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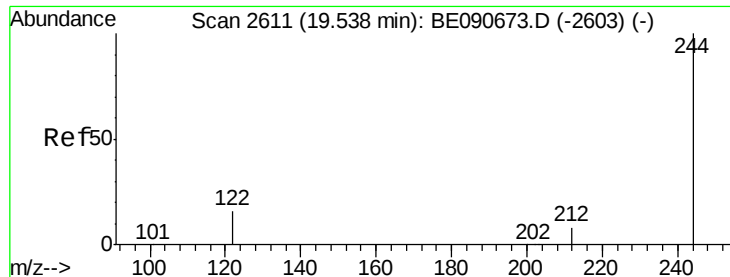
Tgt Ion:240 Resp: 305160
Ion Ratio Lower Upper
240 100
120 10.5 10.1 15.1
236 26.3 21.9 32.9



#26
Pyrene
Concen: 0.02 ng
RT: 19.32 min Scan# 2570
Delta R.T. -0.00 min
Lab File: BE090742.D
Acq: 4 Sep 2015 22:42

Tgt Ion:202 Resp: 1306
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 22.8 13.8 20.6#

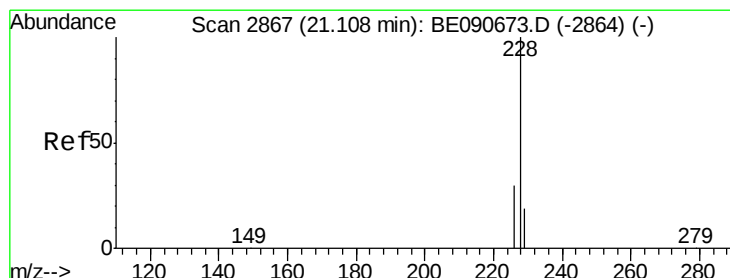
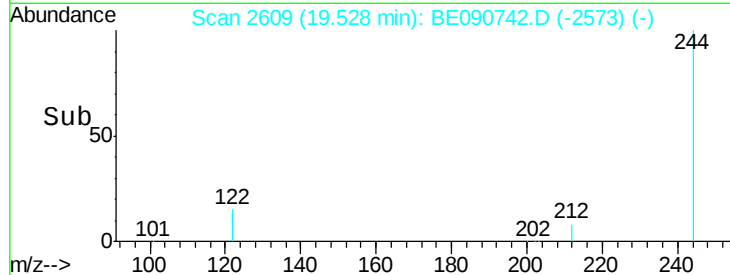
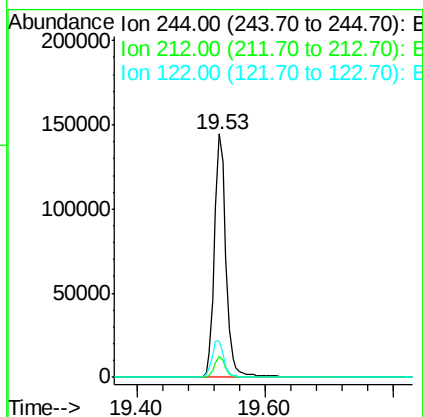
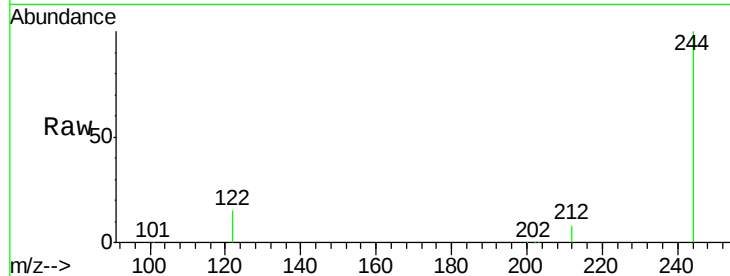




#27
 Terphenyl-d14
 Concen: 5.40 ng
 RT: 19.53 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BE090742.D
 Acq: 4 Sep 2015 22:42

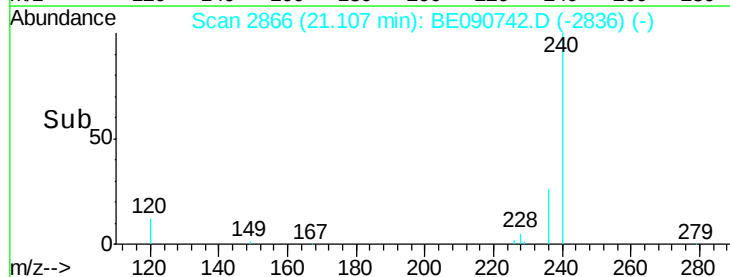
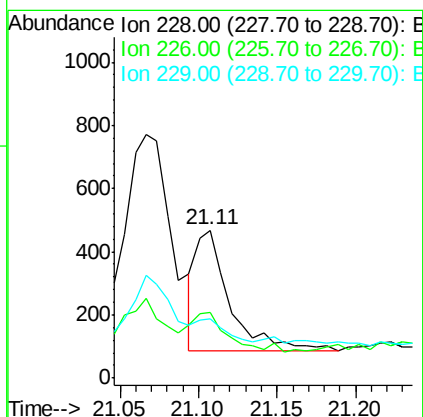
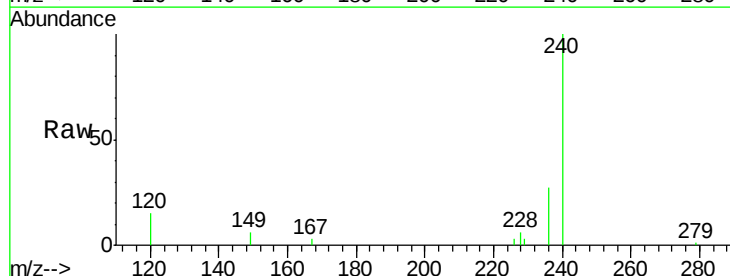
Instrument :
 BNA_E
 ClientSampleId :
 090215-D506-F-D-M

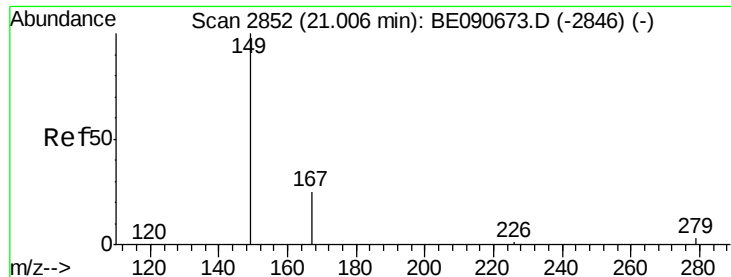
Tgt Ion: 244 Resp: 182269
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 15.1 12.9 19.3



#29
 Chrysene
 Concen: Below Cal
 RT: 21.11 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BE090742.D
 Acq: 4 Sep 2015 22:42

Tgt Ion: 228 Resp: 569
 Ion Ratio Lower Upper
 228 100
 226 44.8 24.2 36.4#
 229 39.9 15.3 22.9#

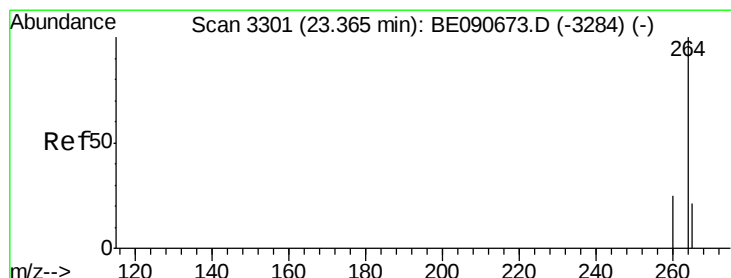
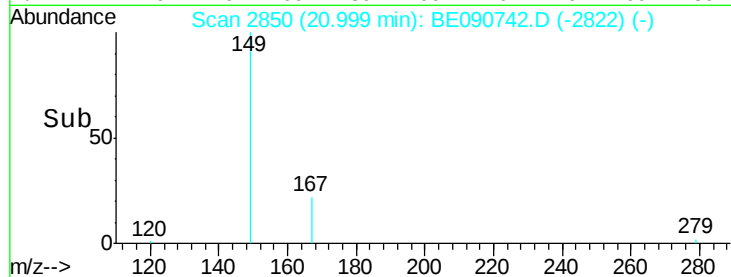
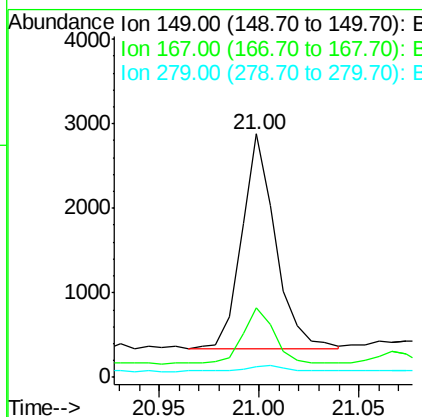
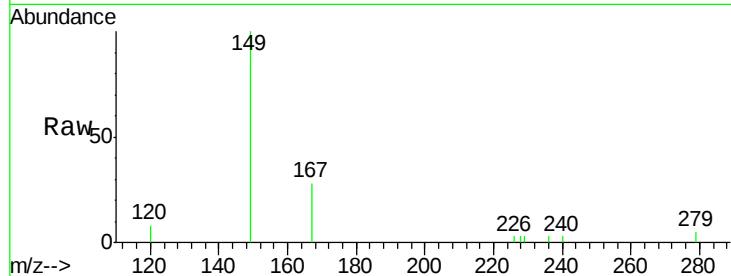




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.00 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BE090742.D
 Acq: 4 Sep 2015 22:42

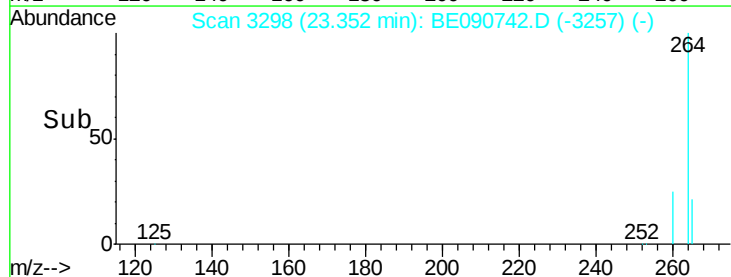
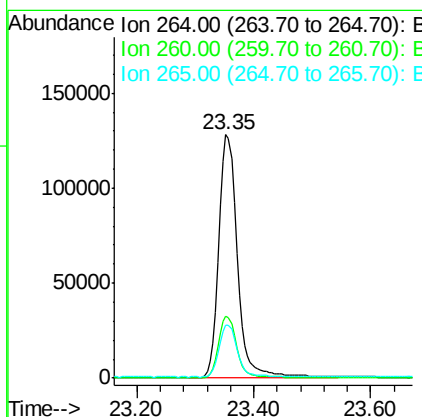
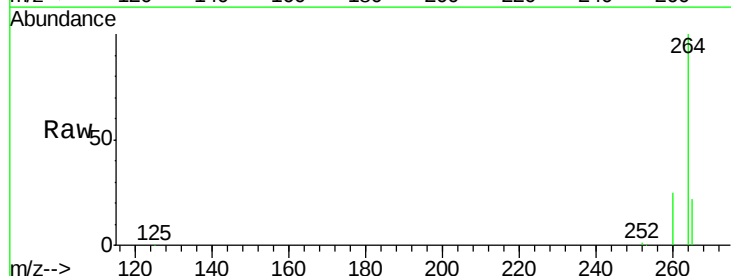
Instrument :
 BNA_E
 ClientSampleId :
 090215-D506-F-D-M

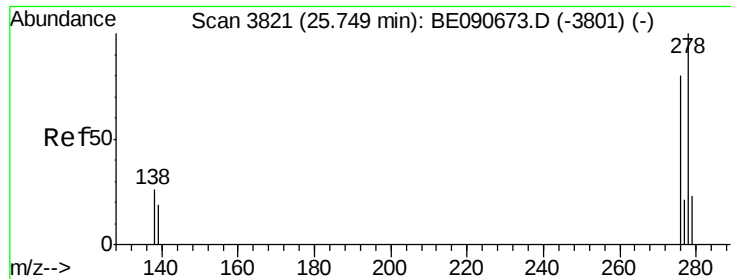
Tgt Ion:149 Resp: 2993
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.1 30.1
 279 3.9 2.3 3.5#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BE090742.D
 Acq: 4 Sep 2015 22:42

Tgt Ion:264 Resp: 282814
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 21.6 17.5 26.3





#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.72 min Scan# 3814

Delta R.T. -0.03 min

Lab File: BE090742.D

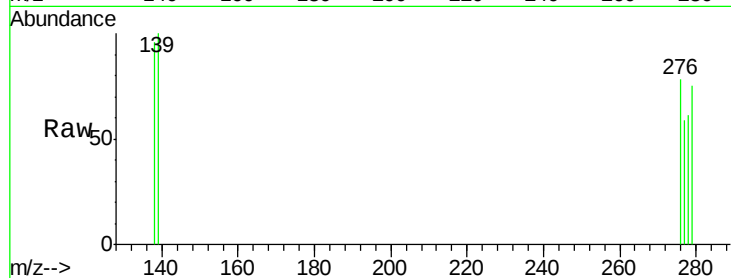
Acq: 4 Sep 2015 22:42

Instrument :

BNA_E

ClientSampleId :

090215-D506-F-D-M



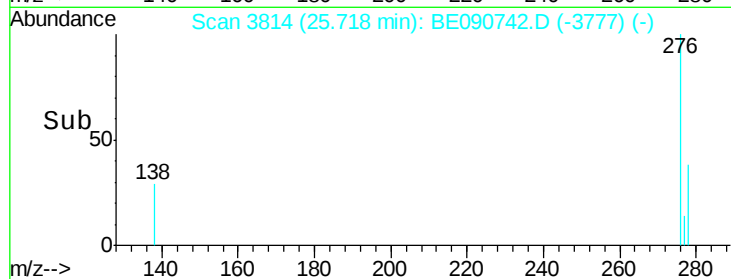
Tgt Ion: 278 Resp: 11

Ion Ratio Lower Upper

278 100

139 165.0 15.4 23.0#

279 123.8 18.8 28.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

