

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
 Data File : BE090736.D
 Acq On : 4 Sep 2015 19:04
 Operator : UM/IZ
 Sample : G3562-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090215-D534-F-D-B

Quant Time: Sep 07 01:00:42 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	39019	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	176121	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	101304	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	245462	5.00	ng	0.00
25) Chrysene-d12	21.07	240	304586	5.00	ng	0.00
32) Perylene-d12	23.36	264	283859	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	27383	3.61	ng	0.00
5) Phenol-d6	6.75	99	20678	1.90	ng	0.00
7) Nitrobenzene-d5	8.71	82	46913	4.03	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	29792	9.98	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	107640	3.84	ng	0.00
27) Terphenyl-d14	19.53	244	203916	6.05	ng	0.00

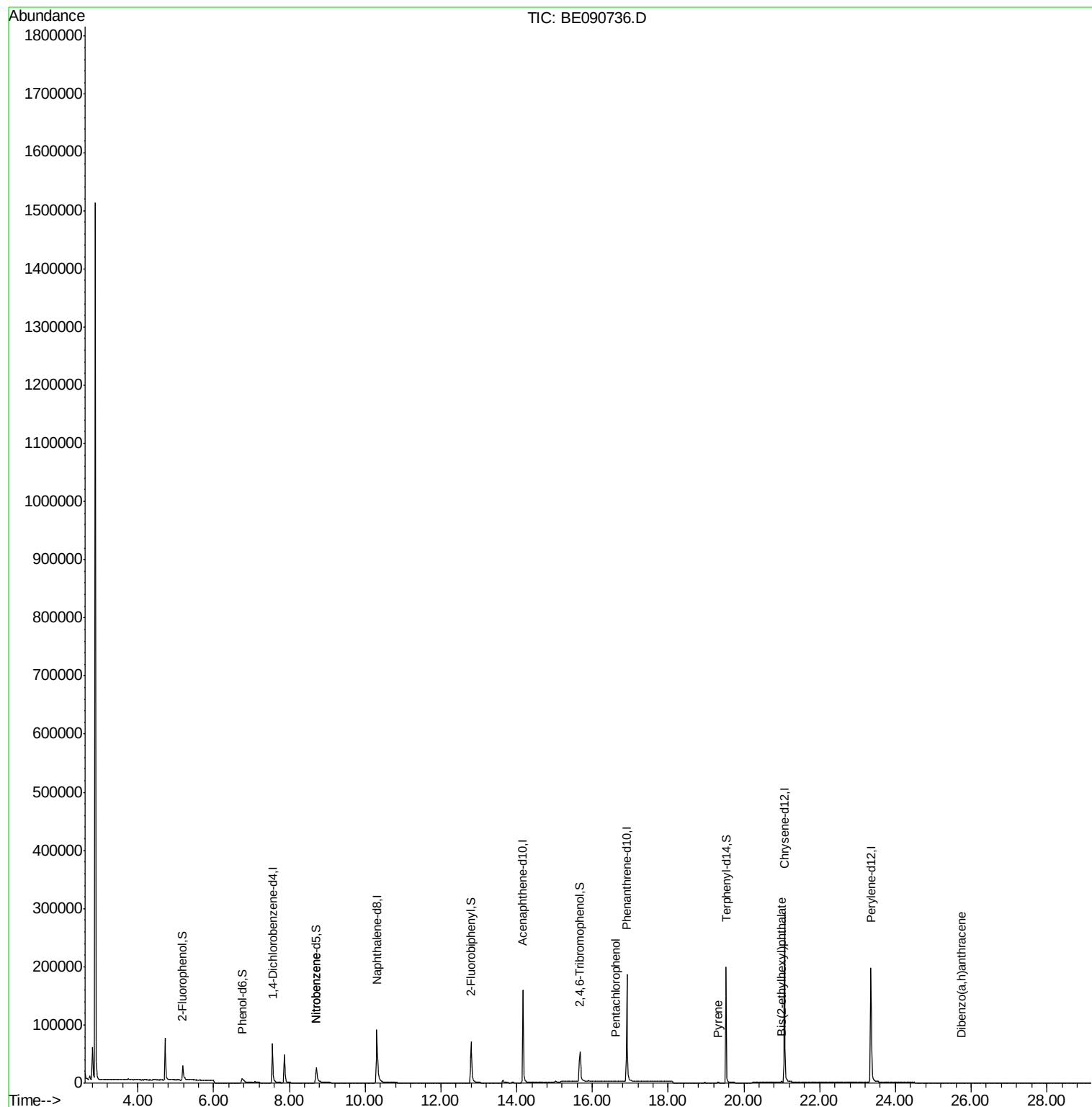
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	113	Below Cal	#	16
3) n-Nitrosodimethylamine	3.42	42	46	Below Cal	#	1
8) Nitrobenzene	8.70	77	25	0.11 ng	#	1
20) Hexachlorobenzene	16.23	284	92	Below Cal	#	37
21) Pentachlorophenol	16.61	266	23	0.47 ng	#	62
26) Pyrene	19.32	202	1351	0.02 ng	#	96
29) Chrysene	21.11	228	943	Below Cal	#	78
30) Bis(2-ethylhexyl)phthalate	21.00	149	2483	0.20 ng	#	99
36) Dibenzo(a,h)anthracene	25.75	278	258	0.14 ng	#	1

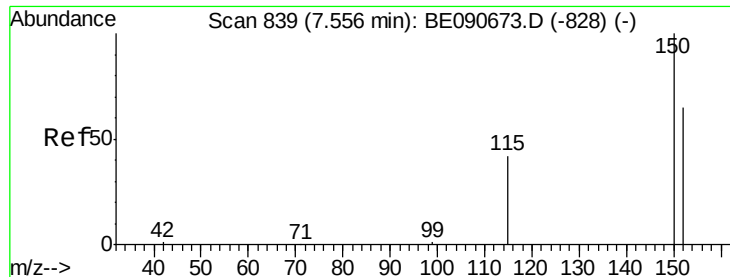
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 02 11:40:50 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090736.D

Acq: 4 Sep 2015 19:04

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-B

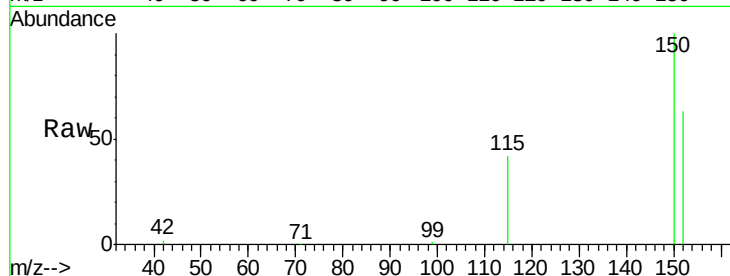
Tgt Ion:152 Resp: 39019

Ion Ratio Lower Upper

152 100

150 157.8 122.2 183.4

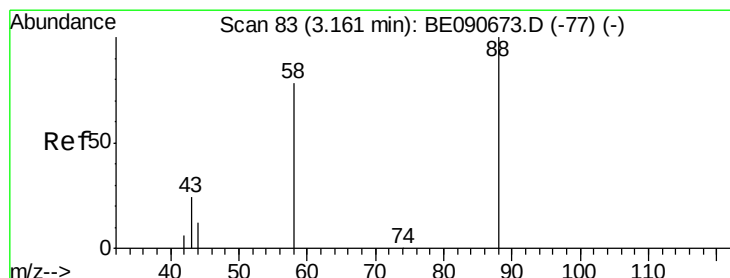
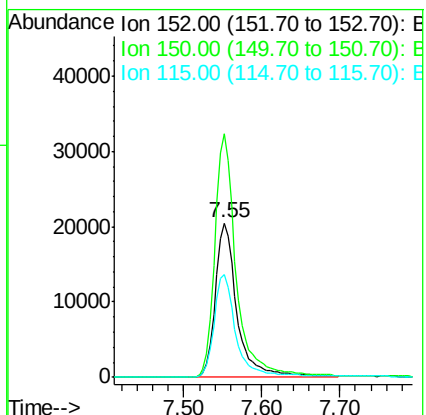
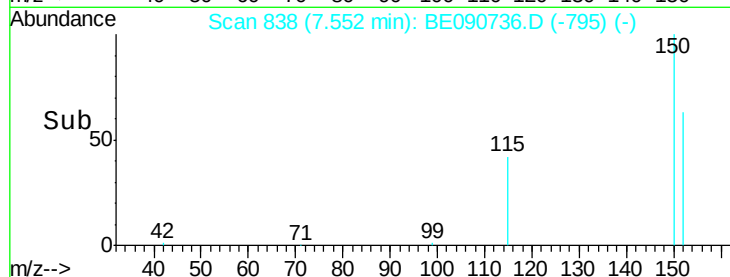
115 66.9 51.0 76.4



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: 3.08 min Scan# 71

Delta R.T. -0.08 min

Lab File: BE090736.D

Acq: 4 Sep 2015 19:04

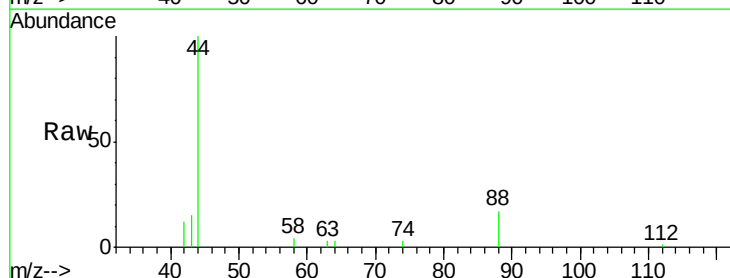
Tgt Ion: 88 Resp: 113

Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

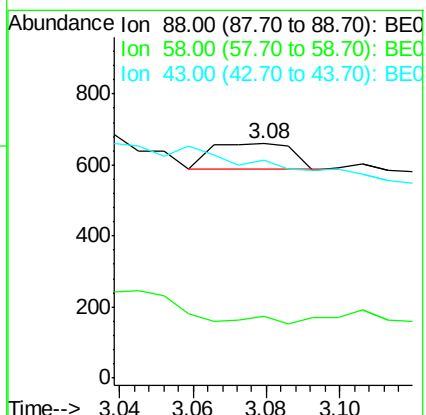
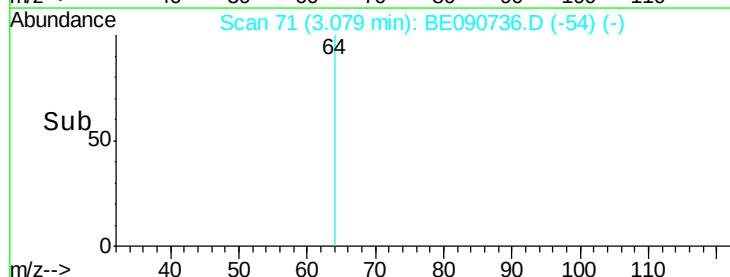
43 0.0 26.9 40.3#

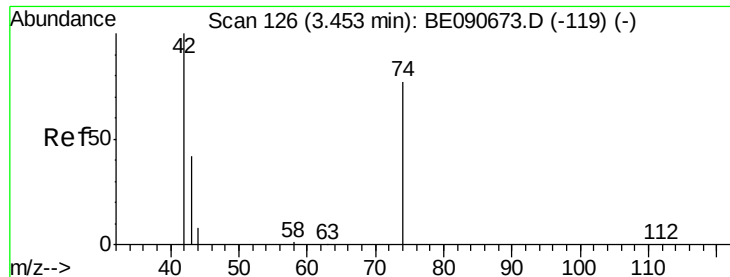


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



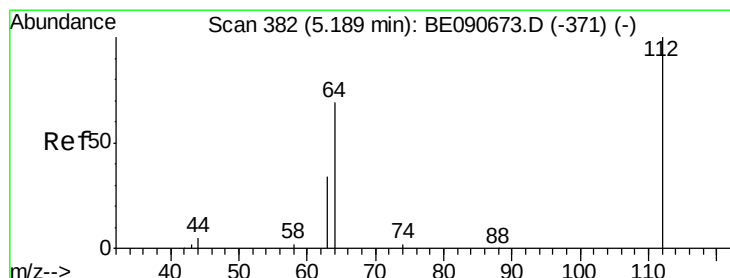
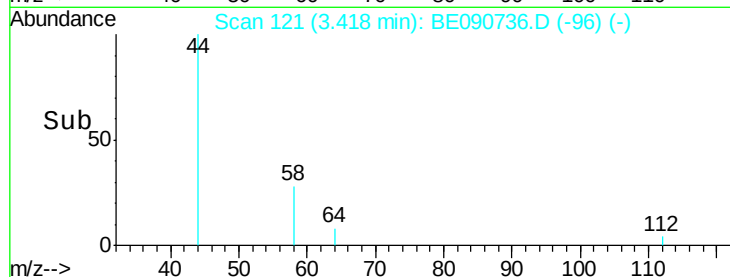
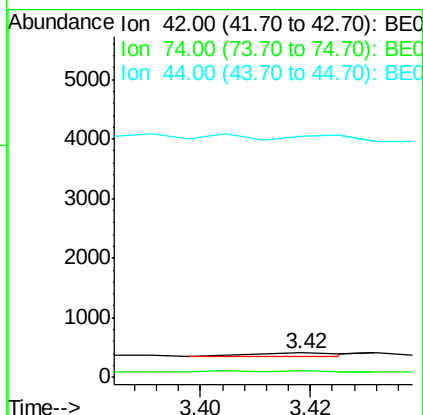
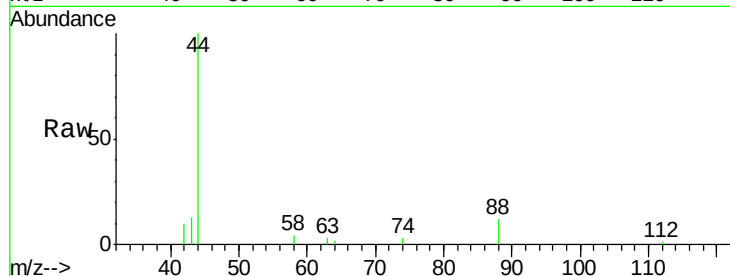


#3

n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.42 min Scan# 121
Delta R.T. -0.03 min
Lab File: BE090736.D
Acq: 4 Sep 2015 19:04

Instrument :
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ClientSampleId :
090215-D534-F-D-B

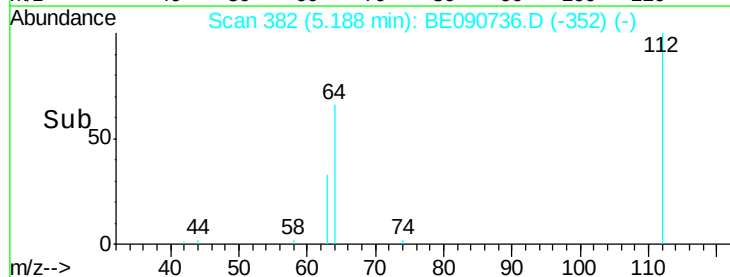
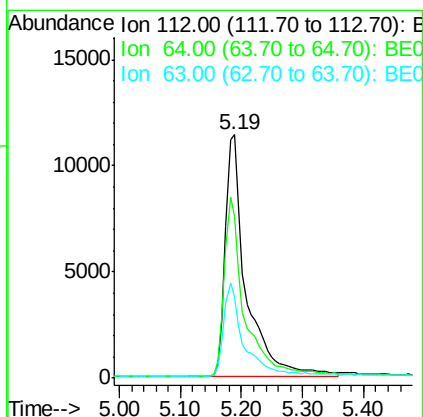
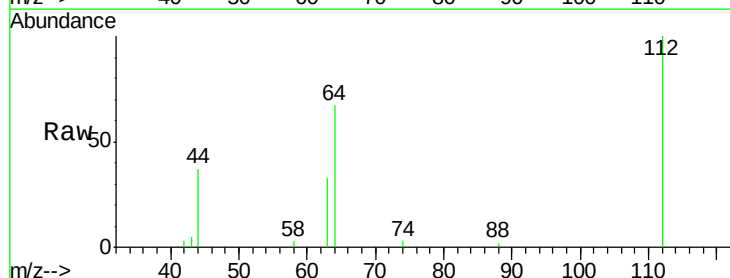
Tgt Ion: 42 Resp: 46
Ion Ratio Lower Upper
42 100
74 0.0 83.7 125.5#
44 489.1 10.0 15.0#

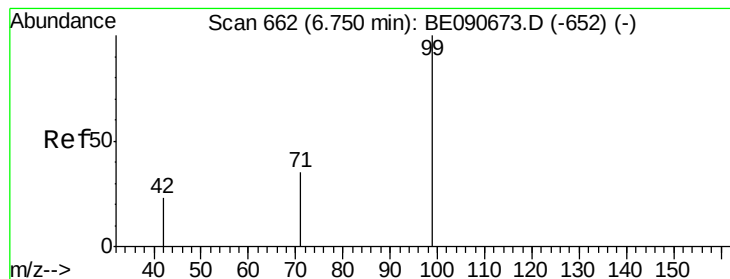


#4

2-Fluorophenol
Concen: 3.61 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090736.D
Acq: 4 Sep 2015 19:04

Tgt Ion: 112 Resp: 27383
Ion Ratio Lower Upper
112 100
64 70.9 57.3 85.9
63 37.0 29.2 43.8





#5

Phenol-d6

Concen: 1.90 ng

RT: 6.75 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090736.D

Acq: 4 Sep 2015 19:04

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-B

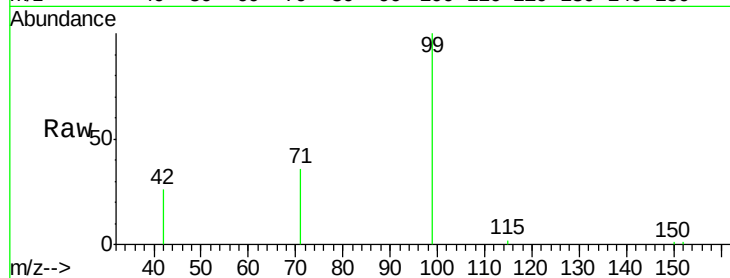
Tgt Ion: 99 Resp: 20678

Ion Ratio Lower Upper

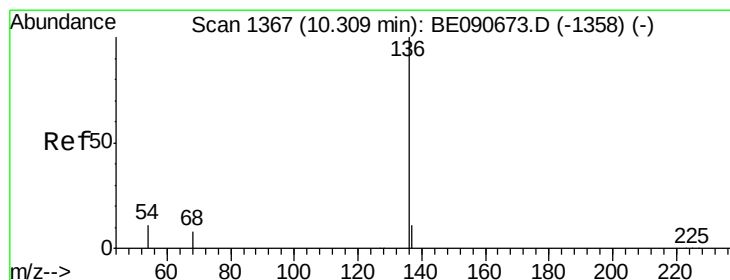
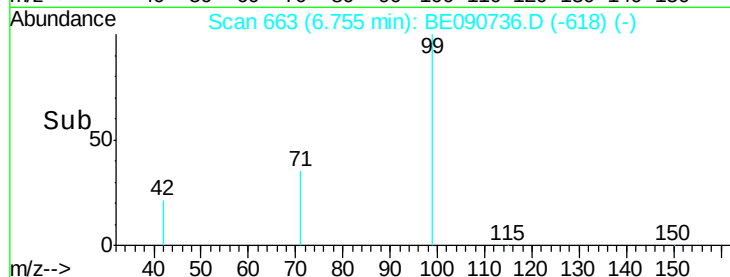
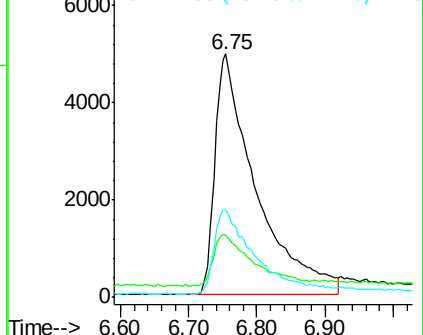
99 100

42 21.3 16.8 25.2

71 36.1 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: BE090736.D

Acq: 4 Sep 2015 19:04

Tgt Ion: 136 Resp: 176121

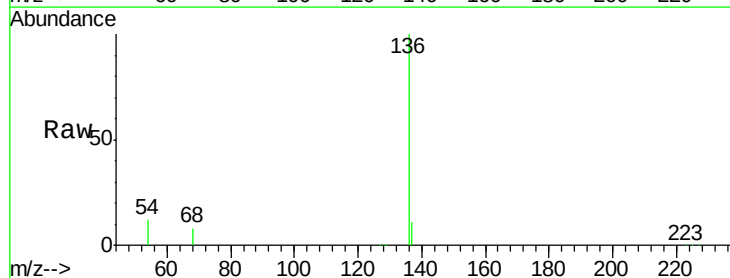
Ion Ratio Lower Upper

136 100

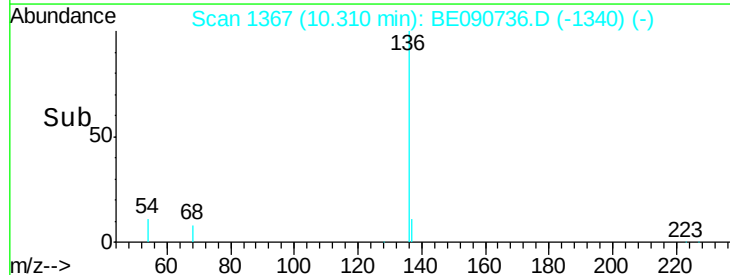
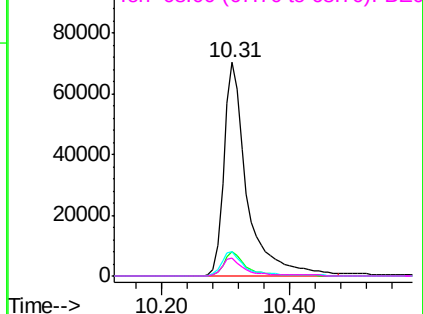
137 11.2 8.7 13.1

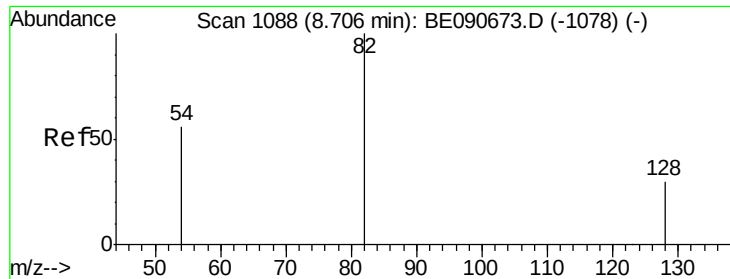
54 11.6 9.0 13.6

68 8.4 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: 4.03 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BE090736.D

Acq: 4 Sep 2015 19:04

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-B

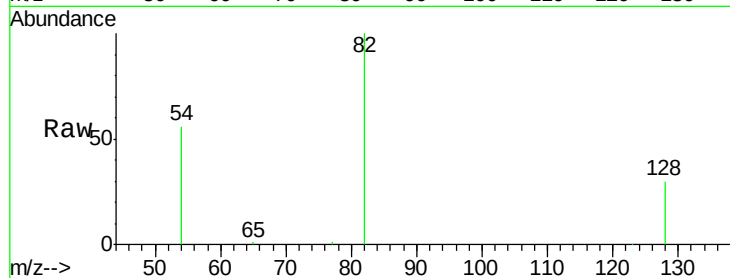
Tgt Ion: 82 Resp: 46913

Ion Ratio Lower Upper

82 100

128 30.3 25.0 37.4

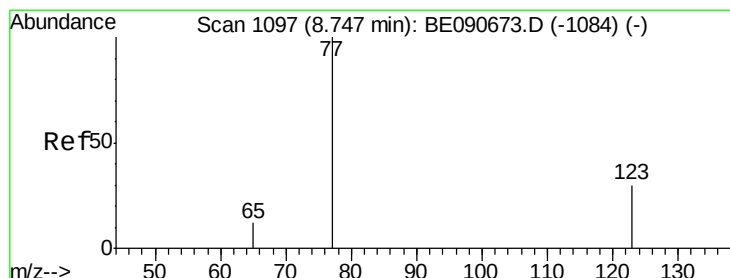
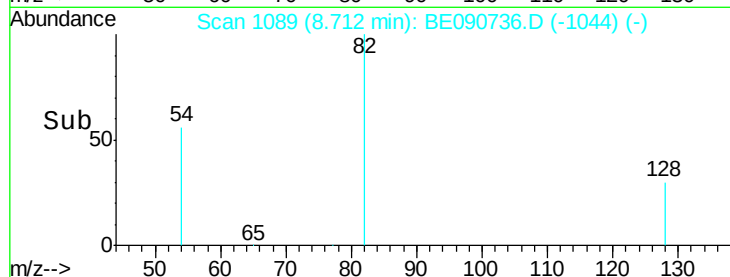
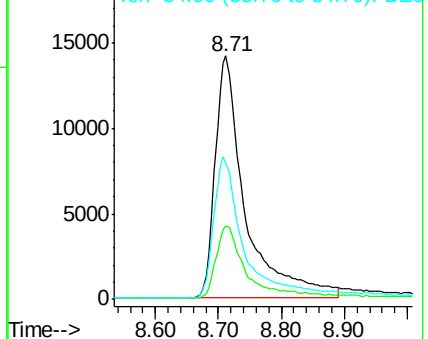
54 56.1 46.3 69.5



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: 8.70 min Scan# 1087

Delta R.T. -0.04 min

Lab File: BE090736.D

Acq: 4 Sep 2015 19:04

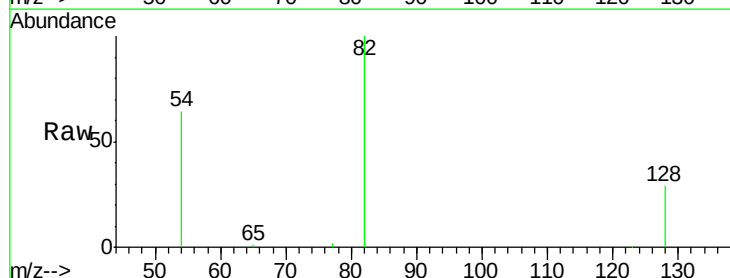
Tgt Ion: 77 Resp: 25

Ion Ratio Lower Upper

77 100

123 20.0 25.1 37.7#

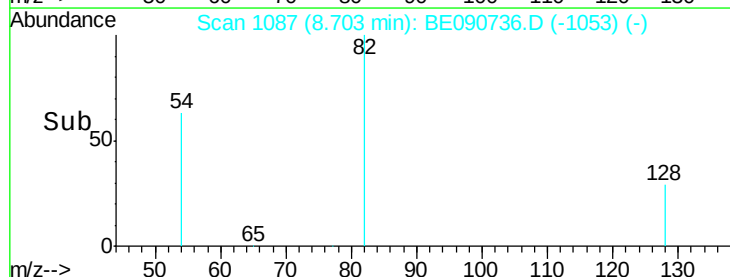
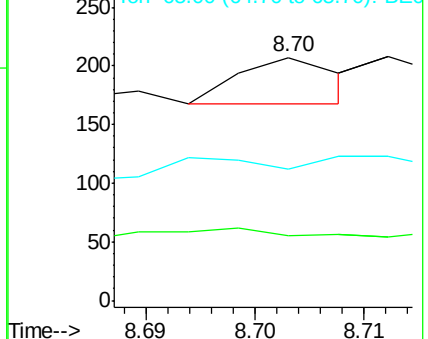
65 156.0 9.9 14.9#

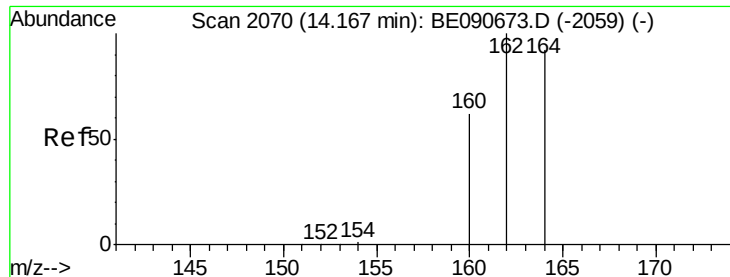


Abundance Ion 77.00 (76.70 to 77.70): BE0

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: BE090736.D

Acq: 4 Sep 2015 19:04

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-B

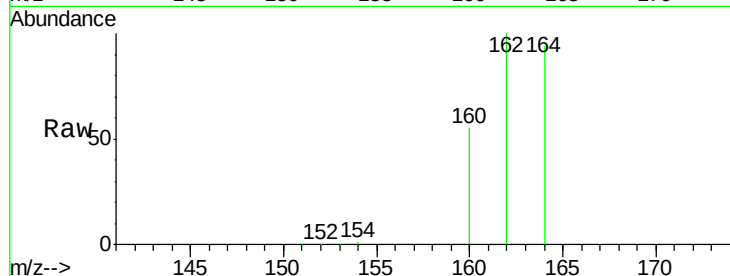
Tgt Ion:164 Resp: 101304

Ion Ratio Lower Upper

164 100

162 106.6 86.8 130.2

160 58.2 53.9 80.9

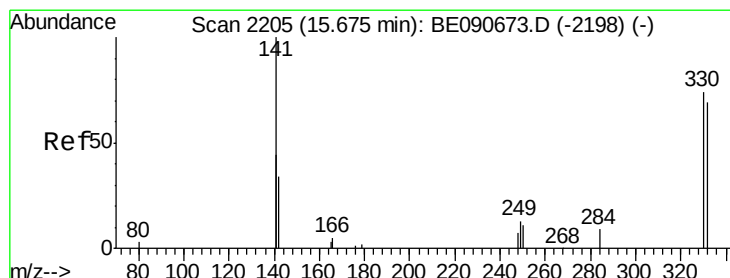
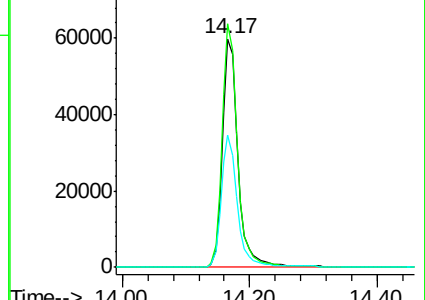
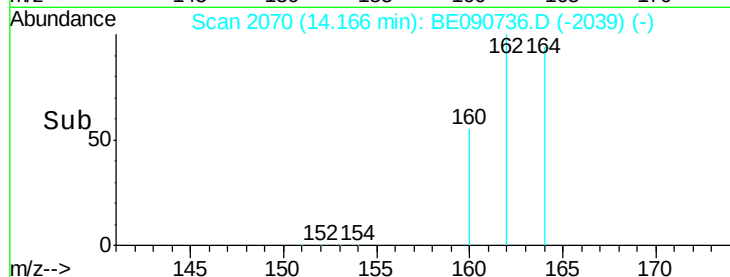


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time--> 14.00 14.20 14.40



#13

2,4,6-Tribromophenol

Concen: 9.98 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090736.D

Acq: 4 Sep 2015 19:04

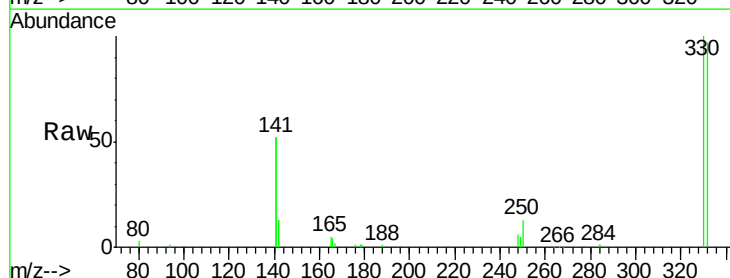
Tgt Ion:330 Resp: 29792

Ion Ratio Lower Upper

330 100

332 97.7 74.9 112.3

141 173.4 145.2 217.8

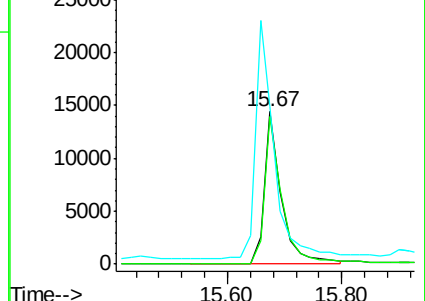
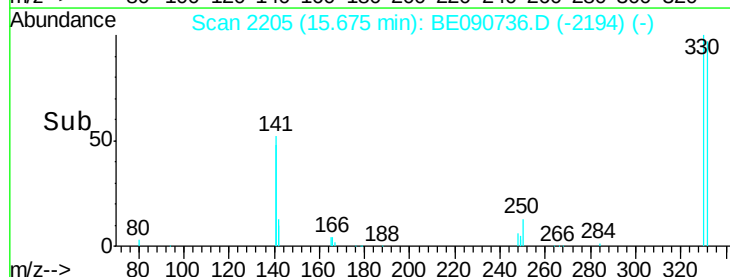


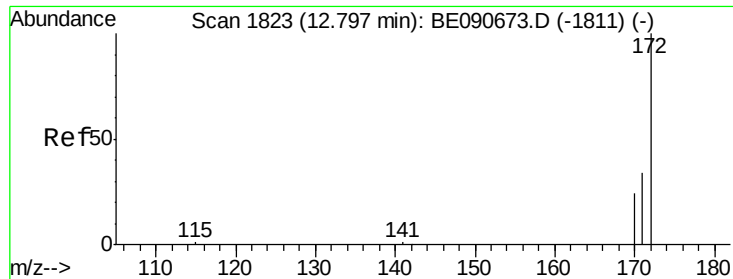
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time--> 15.60 15.80

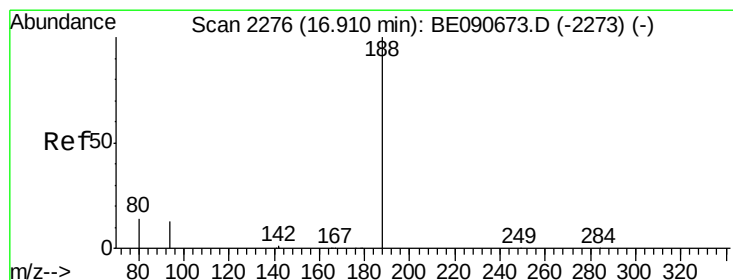
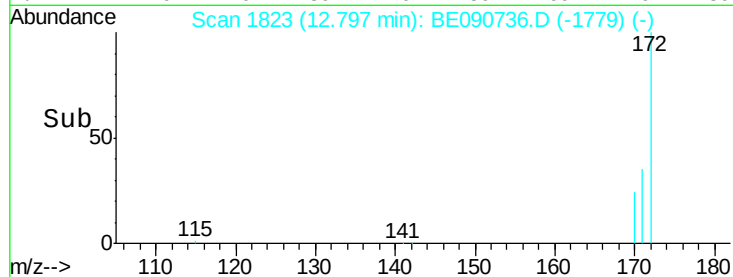
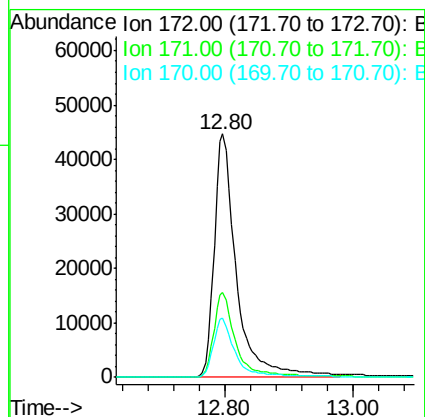
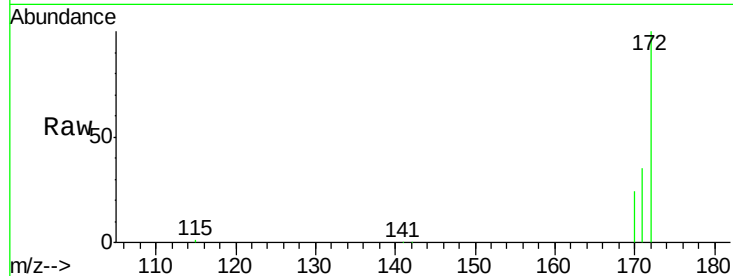




#14
2-Fluorobiphenyl
Concen: 3.84 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090736.D
Acq: 4 Sep 2015 19:04

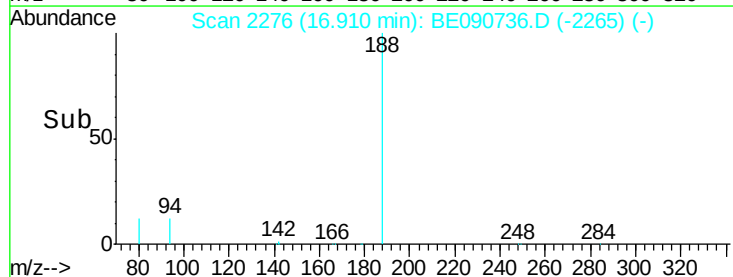
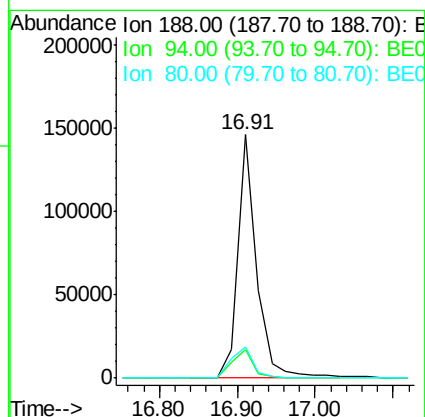
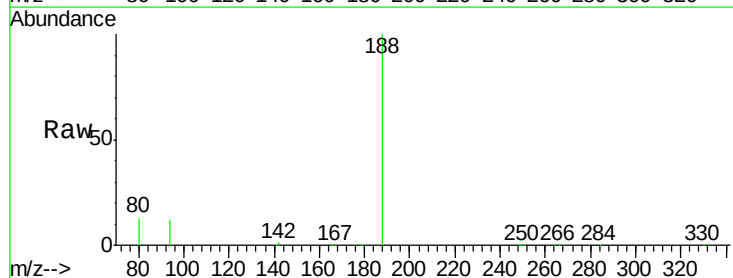
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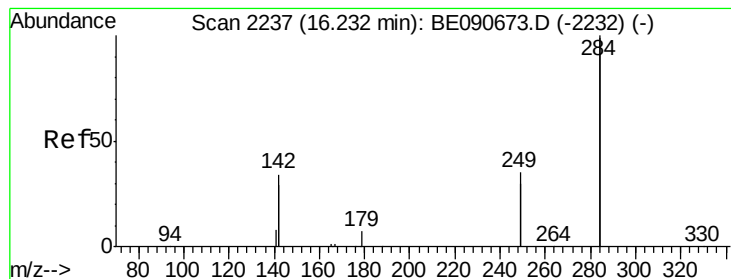
Tgt Ion:172 Resp: 107640
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 24.2 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090736.D
Acq: 4 Sep 2015 19:04

Tgt Ion:188 Resp: 245462
Ion Ratio Lower Upper
188 100
94 11.9 10.3 15.5
80 12.6 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090736.D

Acq: 4 Sep 2015 19:04

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-B

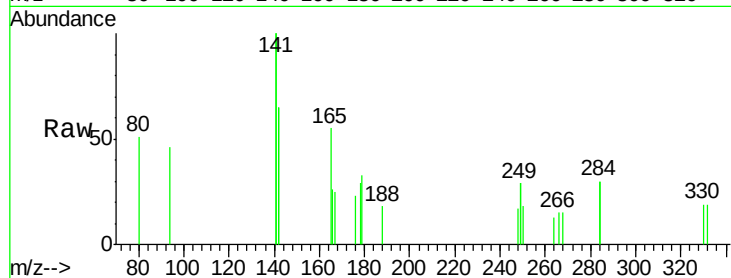
Tgt Ion: 284 Resp: 92

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

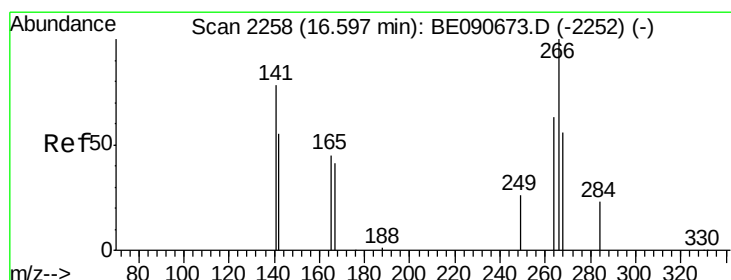
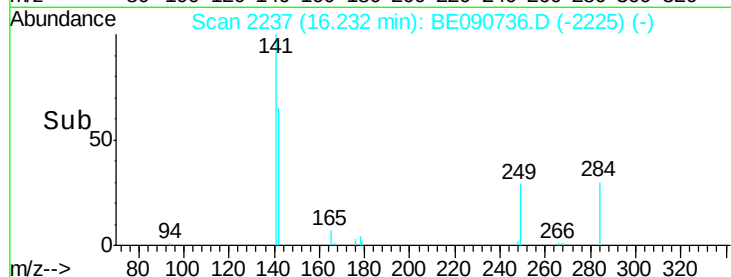
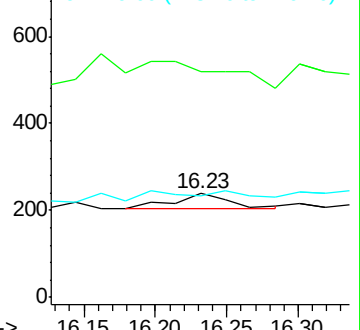
249 0.0 25.5 38.3#



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: 0.47 ng

RT: 16.61 min Scan# 2259

Delta R.T. 0.02 min

Lab File: BE090736.D

Acq: 4 Sep 2015 19:04

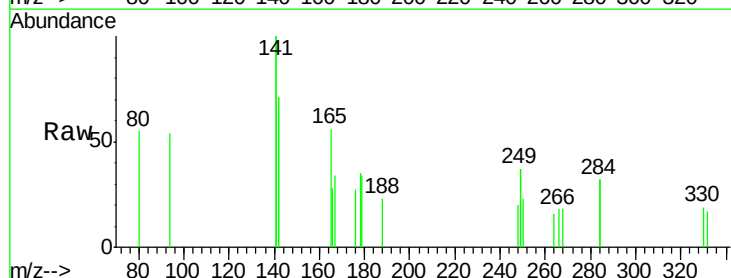
Tgt Ion: 266 Resp: 23

Ion Ratio Lower Upper

266 100

268 98.3 49.6 74.4#

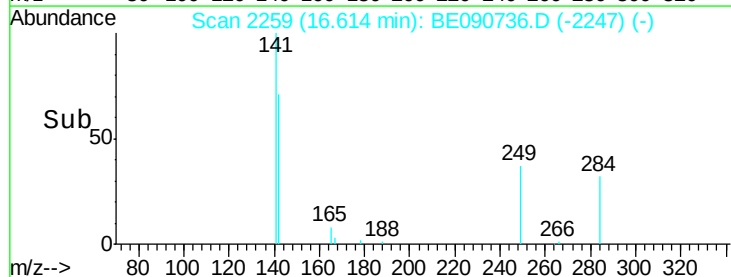
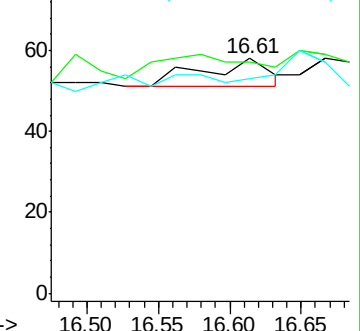
264 91.4 53.9 80.9#

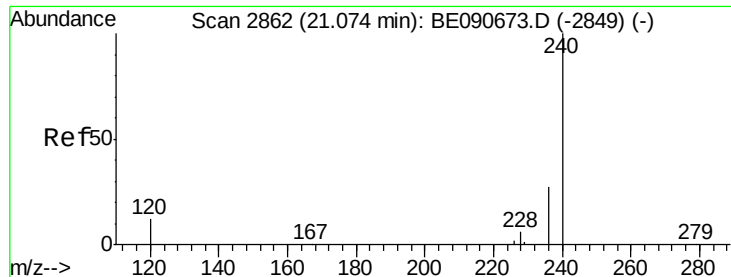


Abundance Ion 265.70 (265.40 to 266.40): E

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: BE090736.D

Acq: 4 Sep 2015 19:04

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-B

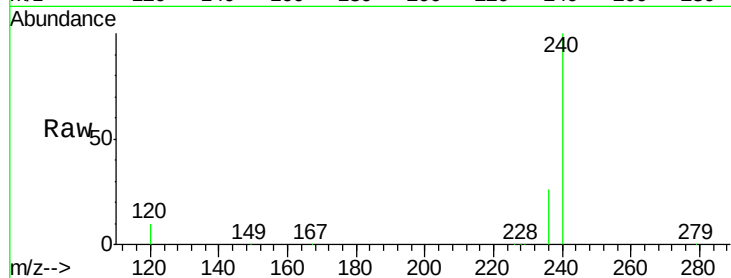
Tgt Ion:240 Resp: 304586

Ion Ratio Lower Upper

240 100

120 10.3 10.1 15.1

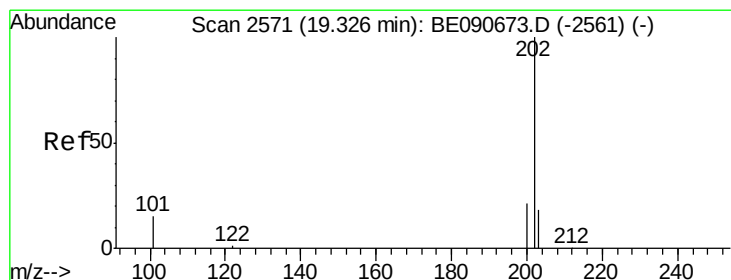
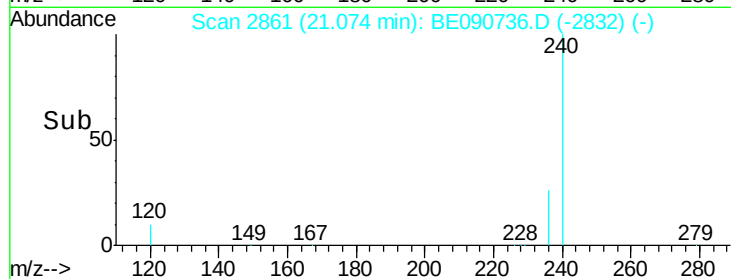
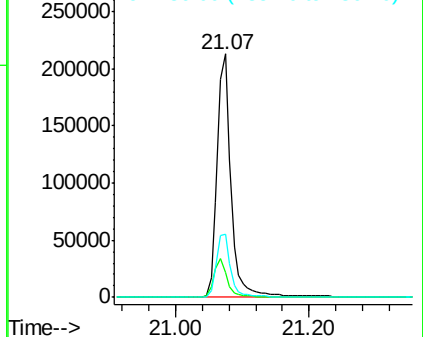
236 26.2 21.9 32.9



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



#26

Pyrene

Concen: 0.02 ng

RT: 19.32 min Scan# 2570

Delta R.T. -0.00 min

Lab File: BE090736.D

Acq: 4 Sep 2015 19:04

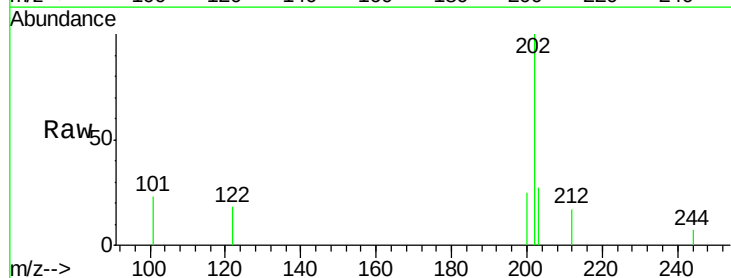
Tgt Ion:202 Resp: 1351

Ion Ratio Lower Upper

202 100

200 20.4 16.7 25.1

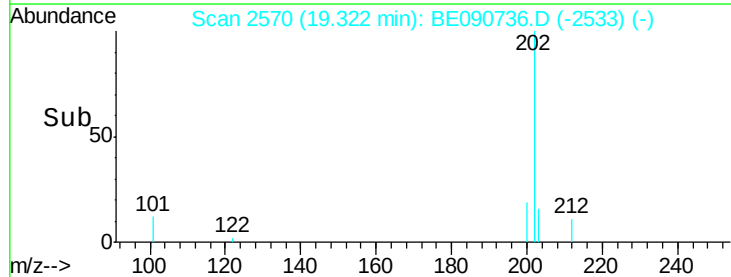
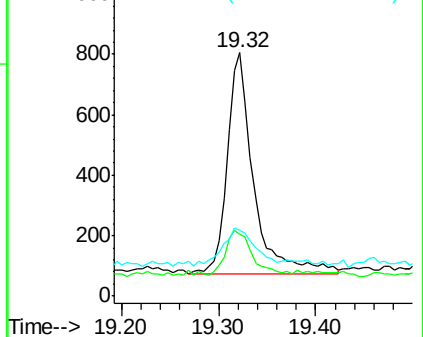
203 20.7 13.8 20.6#

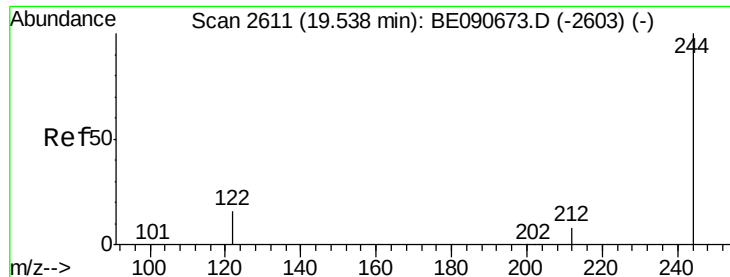


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

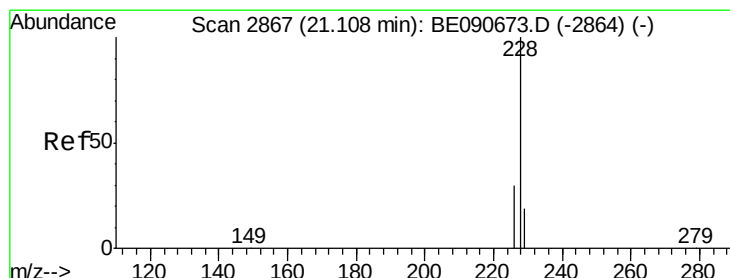
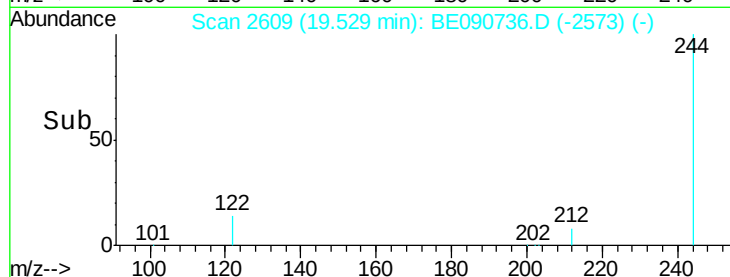
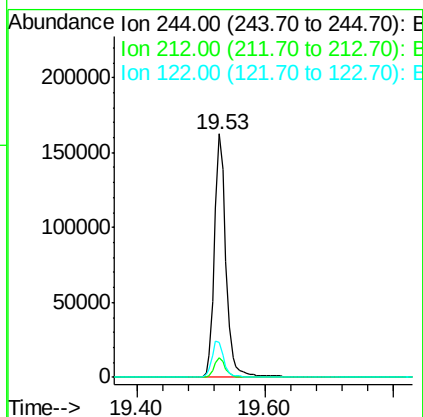
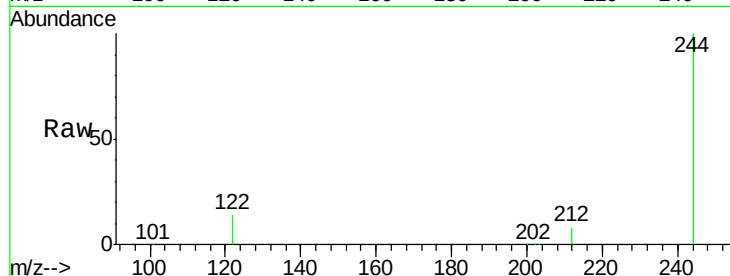




#27
 Terphenyl-d14
 Concen: 6.05 ng
 RT: 19.53 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BE090736.D
 Acq: 4 Sep 2015 19:04

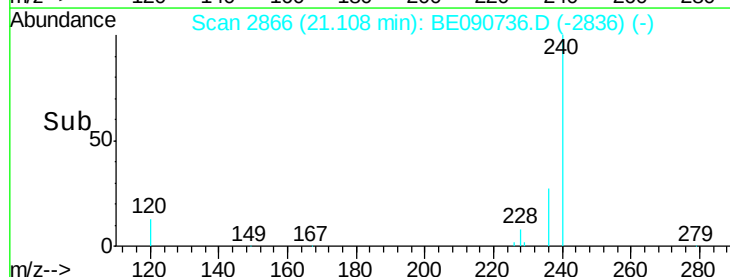
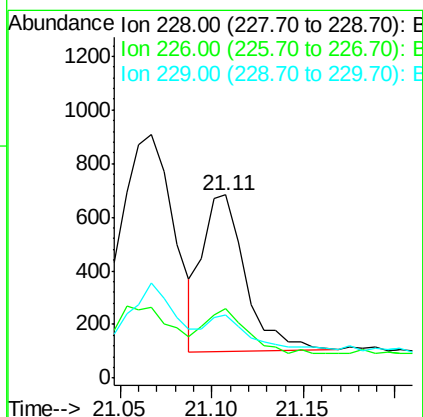
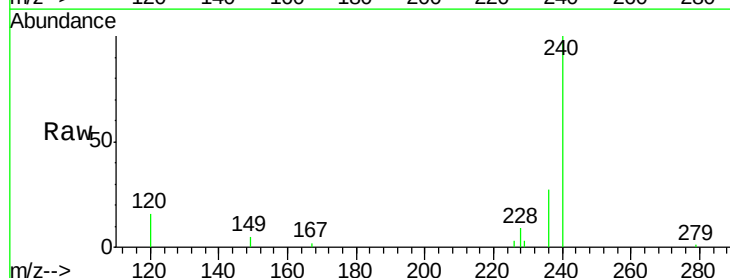
Instrument :
 BNA_E
 ClientSampleId :
 090215-D534-F-D-B

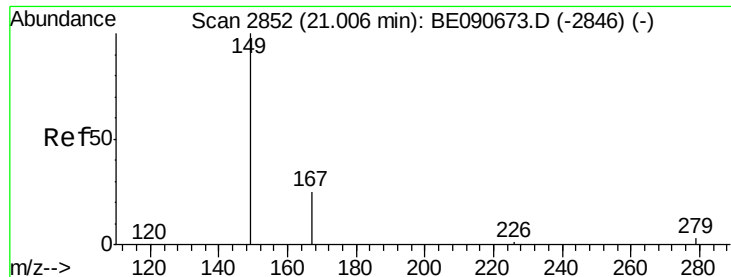
Tgt Ion: 244 Resp: 203916
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 14.4 12.9 19.3



#29
 Chrysene
 Concen: Below Cal
 RT: 21.11 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BE090736.D
 Acq: 4 Sep 2015 19:04

Tgt Ion: 228 Resp: 943
 Ion Ratio Lower Upper
 228 100
 226 37.9 24.2 36.4#
 229 34.6 15.3 22.9#





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.20 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090736.D

Acq: 4 Sep 2015 19:04

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-B

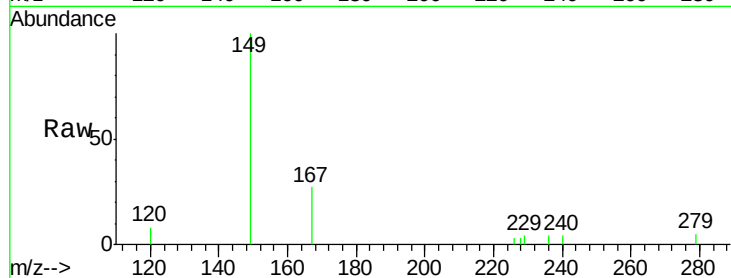
Tgt Ion:149 Resp: 2483

Ion Ratio Lower Upper

149 100

167 25.2 20.1 30.1

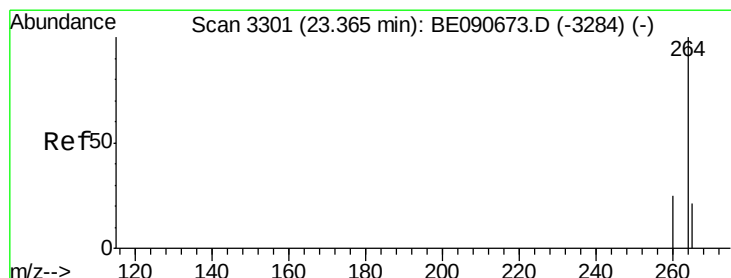
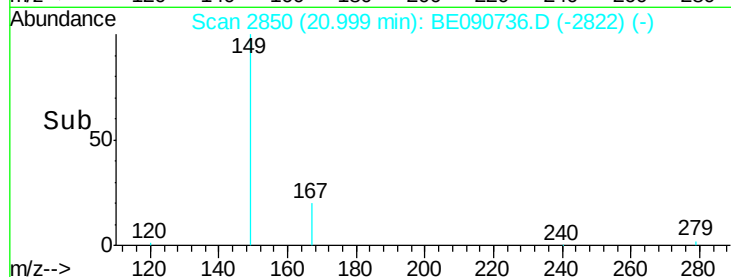
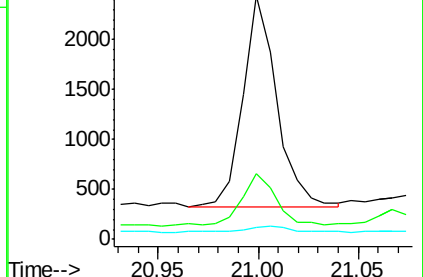
279 4.5 2.3 3.5#



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# 3299

Delta R.T. -0.01 min

Lab File: BE090736.D

Acq: 4 Sep 2015 19:04

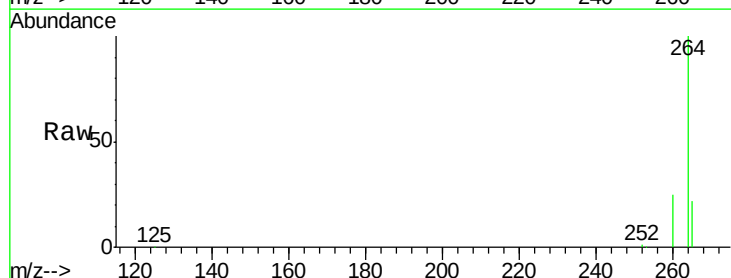
Tgt Ion:264 Resp: 283859

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

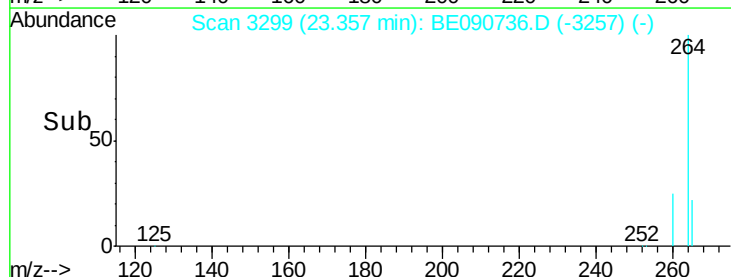
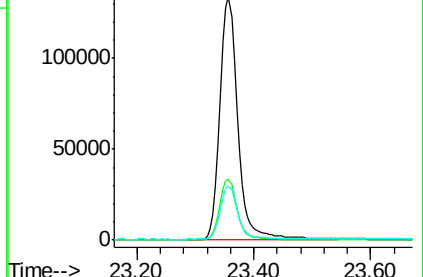
265 22.1 17.5 26.3

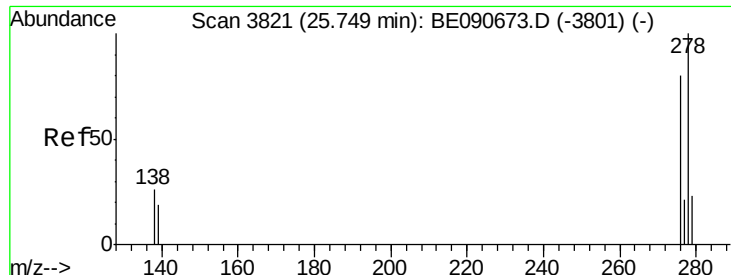


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 25.75 min Scan# 3822

Delta R.T. 0.01 min

Lab File: BE090736.D

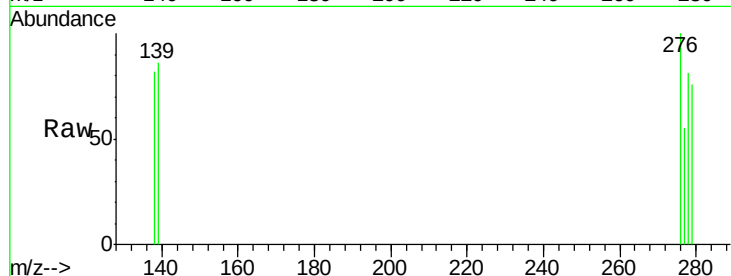
Acq: 4 Sep 2015 19:04

Instrument :

BNA_E

ClientSampleId :

090215-D534-F-D-B



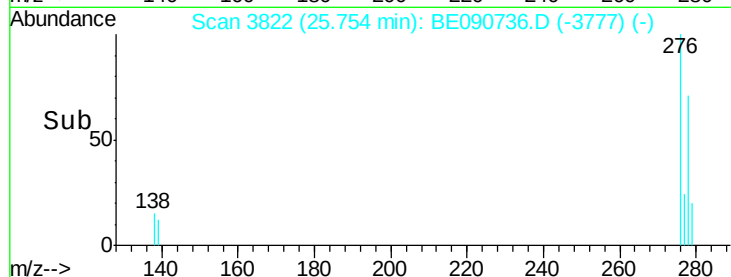
Tgt Ion: 278 Resp: 258

Ion Ratio Lower Upper

278 100

139 106.1 15.4 23.0#

279 93.9 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

