

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091115\
 Data File : BE090788.D
 Acq On : 11 Sep 2015 17:17
 Operator : UM/IZ
 Sample : G3617-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090915-D534-E-U-B

Quant Time: Sep 11 23:14:09 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	50636	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	232682	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	123011	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	295810	5.00	ng	0.00
25) Chrysene-d12	21.07	240	352849	5.00	ng	0.00
32) Perylene-d12	23.36	264	323273	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	28098	2.86	ng	0.00
5) Phenol-d6	6.75	99	25659	1.82	ng	0.00
7) Nitrobenzene-d5	8.71	82	42993	2.80	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	17986	5.04	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	96032	2.82	ng	0.00
27) Terphenyl-d14	19.53	244	160474	4.11	ng	0.00

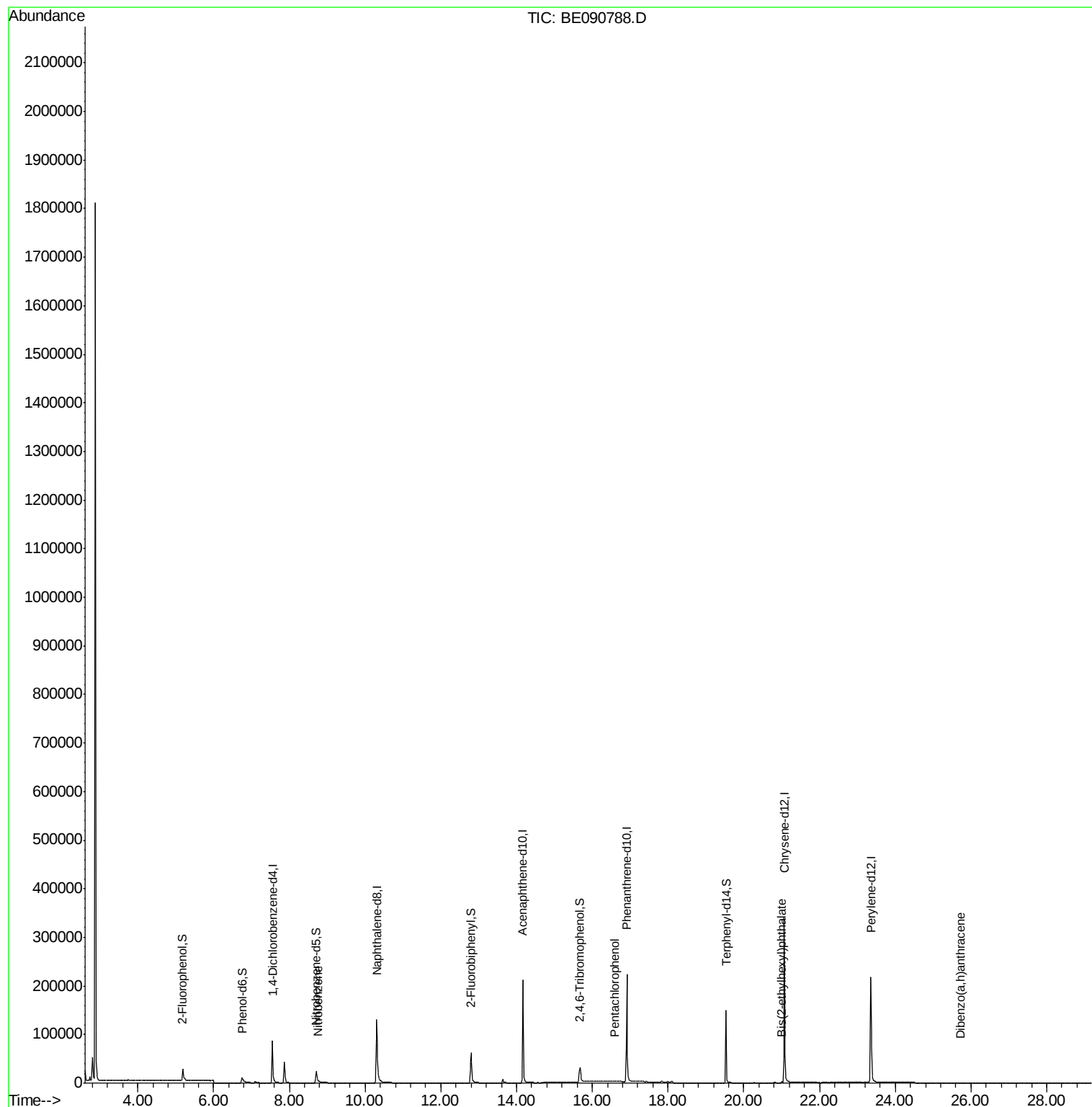
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	155	Below Cal	#	54
3) n-Nitrosodimethylamine	3.45	42	56	Below Cal	#	1
8) Nitrobenzene	8.76	77	30	0.11 ng	#	44
20) Hexachlorobenzene	16.23	284	157	Below Cal	#	39
21) Pentachlorophenol	16.60	266	19	0.46 ng	#	61
28) Benzo(a)anthracene	21.07	228	1180	Below Cal	#	74
29) Chrysene	21.07	228	1180	Below Cal	#	71
30) Bis(2-ethylhexyl)phthalate	21.00	149	1882	0.16 ng	#	98
36) Dibenzo(a,h)anthracene	25.74	278	35	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# 838

Delta R.T. -0.00 min

Lab File: BE090788.D

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Instrument :

BNA_E

ClientSampleId :

090915-D534-E-U-B

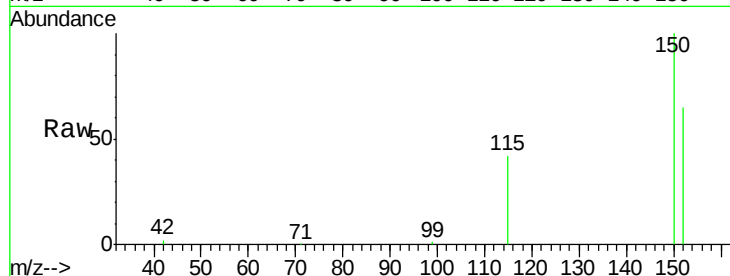
Tot Ion:152 Resp: 50636

Ion Ratio Lower Upper

152 100

150 154.5 122.2 183.4

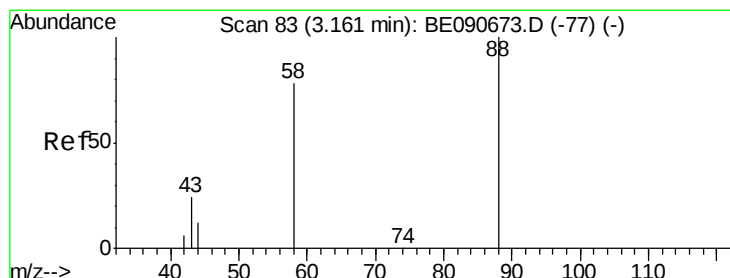
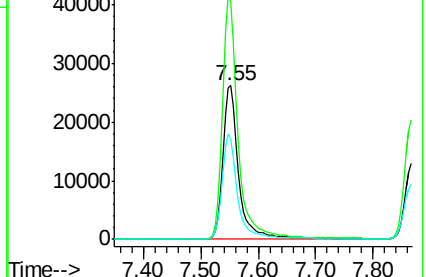
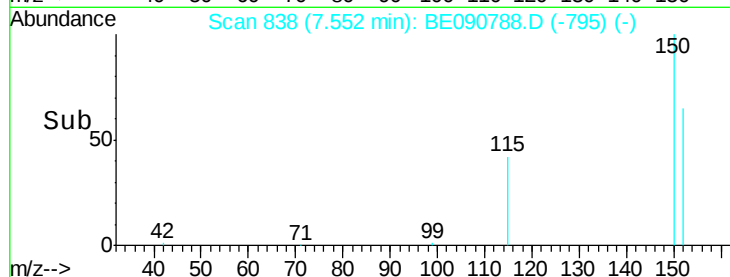
115 65.1 51.0 76.4



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: BE090788.D

Acq: 11 Sep 2015 17:17

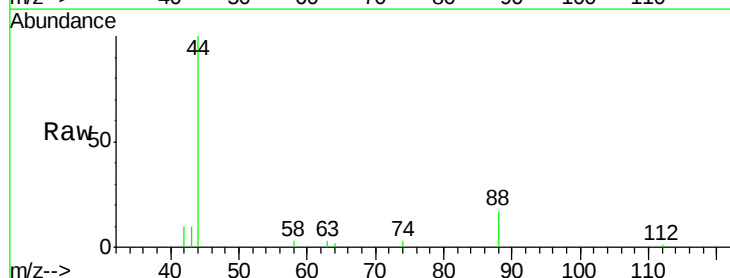
Tgt Ion: 88 Resp: 155

Ion Ratio Lower Upper

88 100

58 38.1 68.4 102.6#

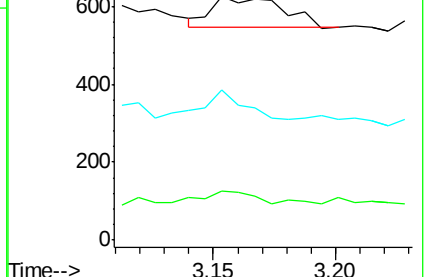
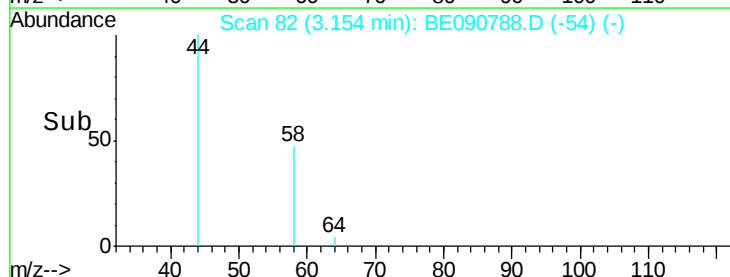
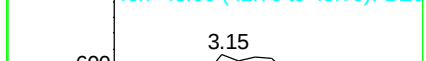
43 52.3 26.9 40.3#



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



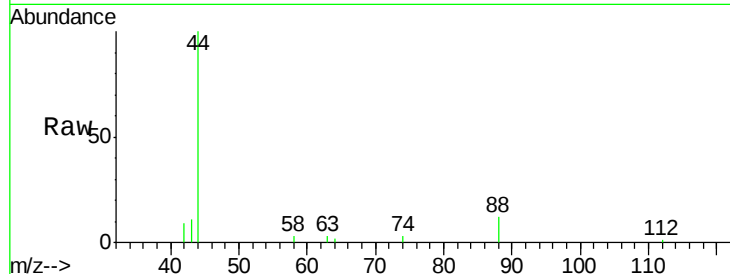


#3

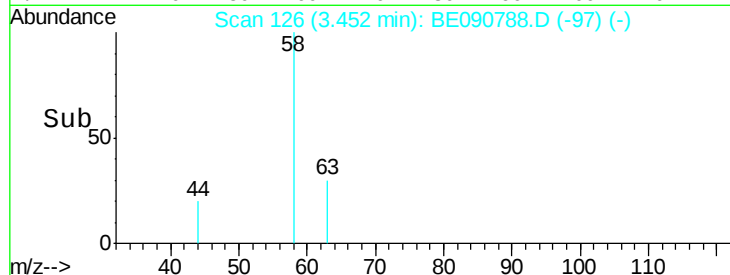
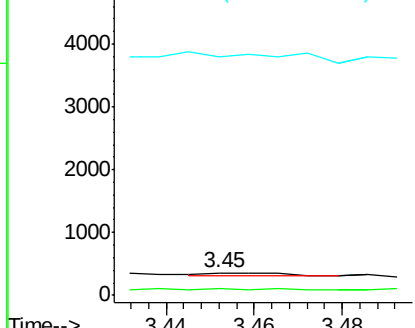
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: BE090788.D
 Acq: 11 Sep 2015 17:17

Instrument :
 BNA_E
 ClientSampleId :
 090915-D534-E-U-B

Tot Ion: 42 Resp: 56
 Ion Ratio Lower Upper
 42 100
 74 53.6 83.7 125.5#
 44 542.9 10.0 15.0#



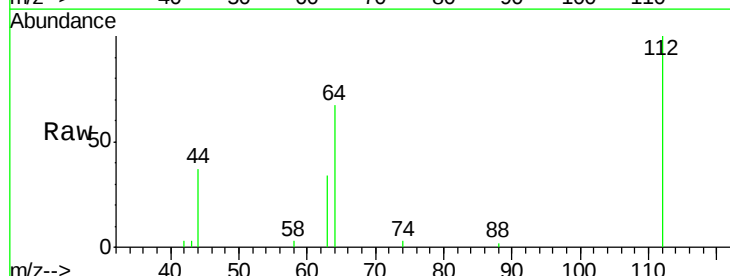
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



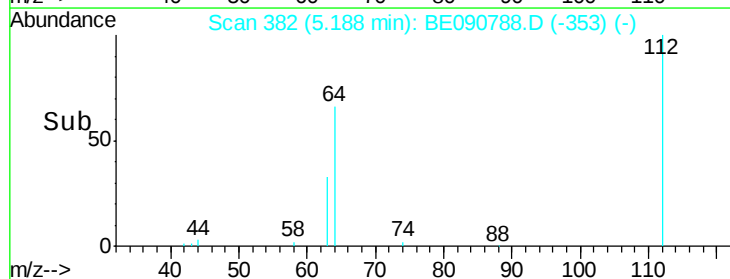
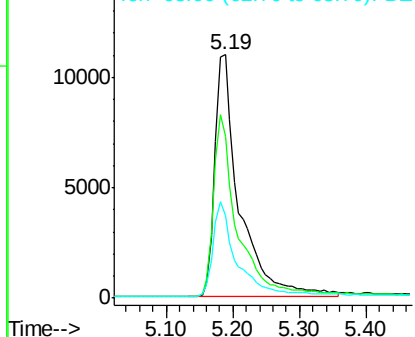
#4

2-Fluorophenol
 Concen: 2.86 ng
 RT: 5.19 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: BE090788.D
 Acq: 11 Sep 2015 17:17

Tgt Ion: 112 Resp: 28098
 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: 1.82 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090788.D

Acq: 11 Sep 2015 17:17

Instrument :

BNA_E

ClientSampleId :

090915-D534-E-U-B

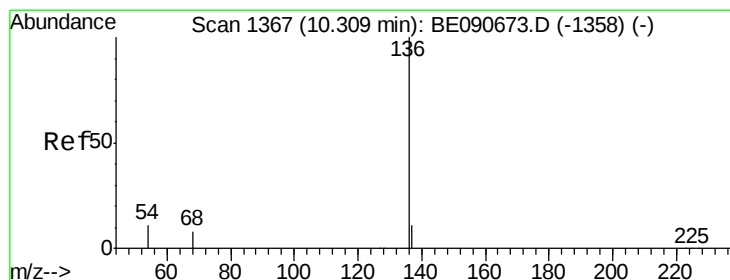
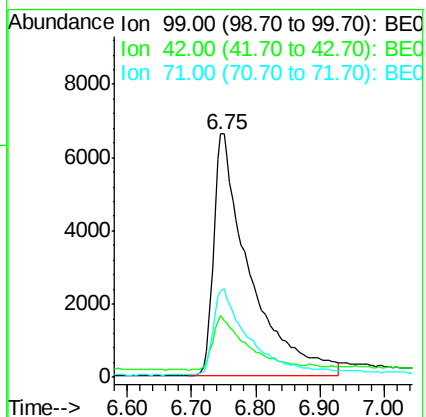
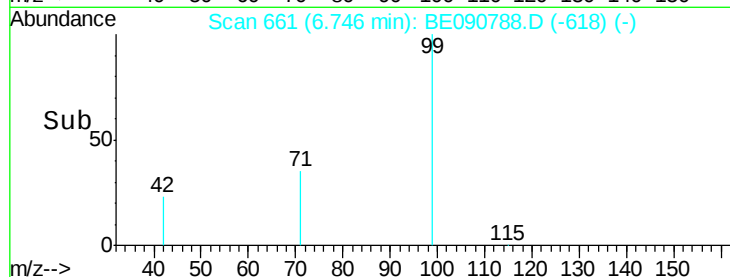
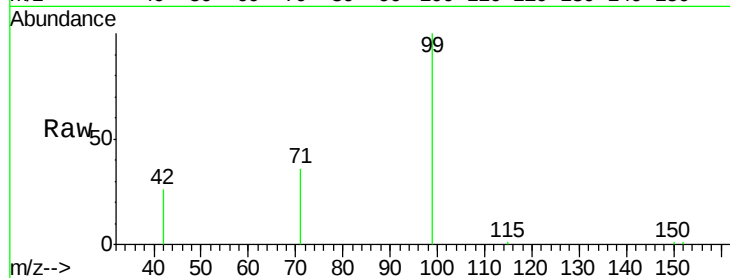
Tot Ion: 99 Resp: 25659

Ion Ratio Lower Upper

99 100

42 21.7 16.8 25.2

71 35.9 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: BE090788.D

Acq: 11 Sep 2015 17:17

Tgt Ion: 136 Resp: 232682

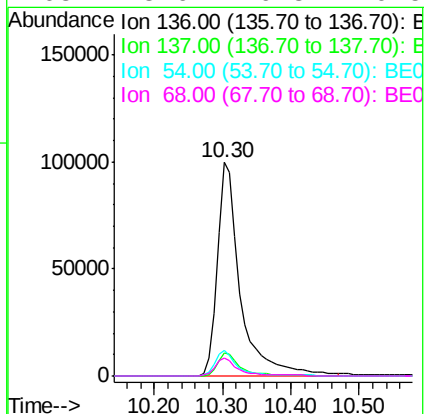
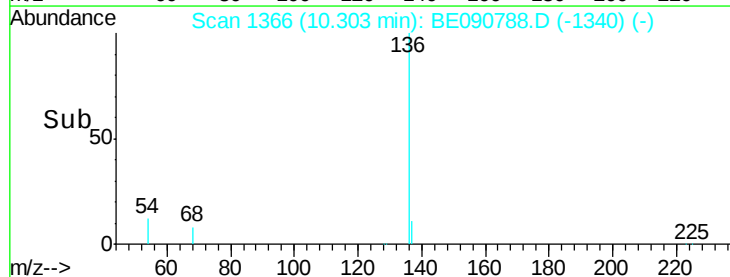
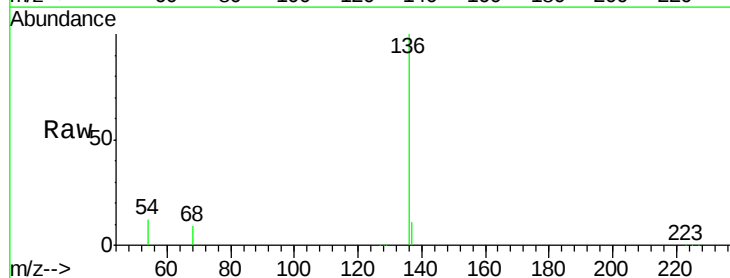
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 12.1 9.0 13.6

68 8.6 6.3 9.5





#7

Nitrobenzene-d5

Concen: 2.80 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090788.D

Acq: 11 Sep 2015 17:17

Instrument :

BNA_E

ClientSampleId :

090915-D534-E-U-B

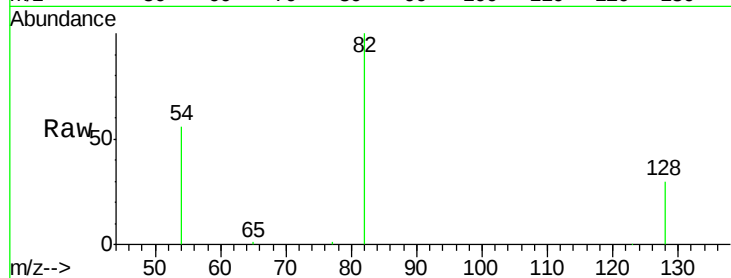
Tot Ion: 82 Resp: 42993

Ion Ratio Lower Upper

82 100

128 29.5 25.0 37.4

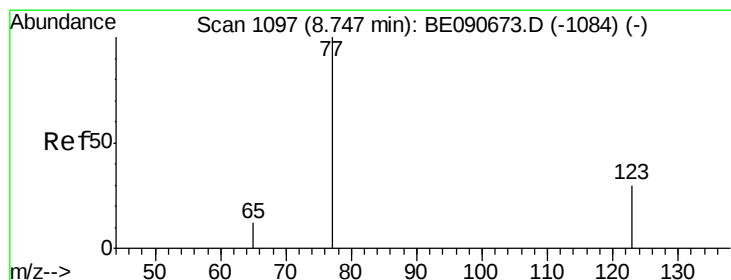
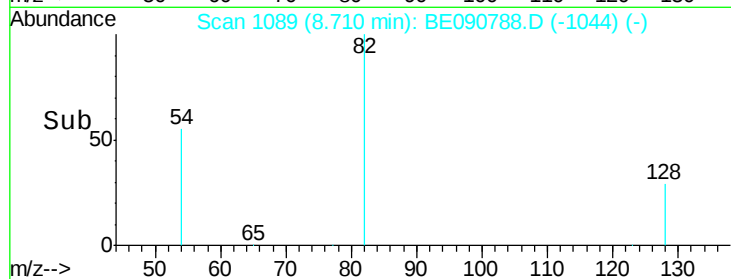
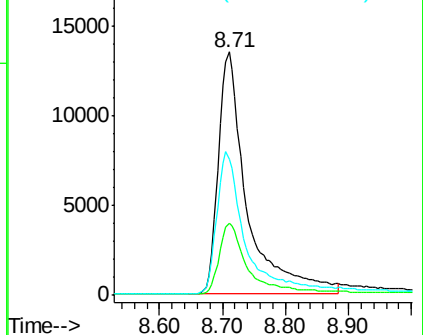
54 55.7 46.3 69.5



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: 8.76 min Scan# 1101

Delta R.T. 0.02 min

Lab File: BE090788.D

Acq: 11 Sep 2015 17:17

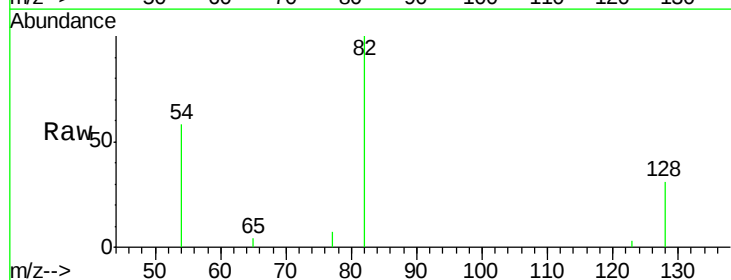
Tgt Ion: 77 Resp: 30

Ion Ratio Lower Upper

77 100

123 0.0 25.1 37.7#

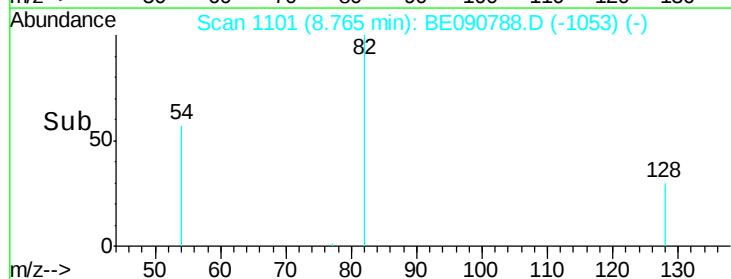
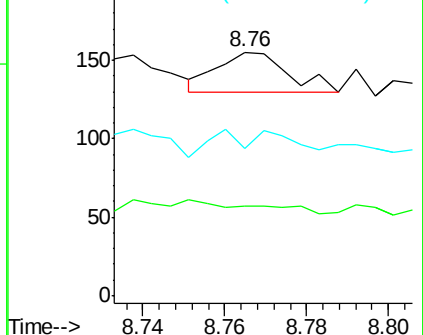
65 33.3 9.9 14.9#

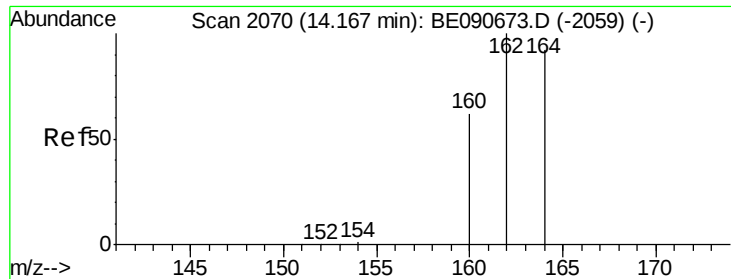


Abundance Ion 77.00 (76.70 to 77.70): BE0

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: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090788.D

Acq: 11 Sep 2015 17:17

Instrument :

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ClientSampleId :

090915-D534-E-U-B

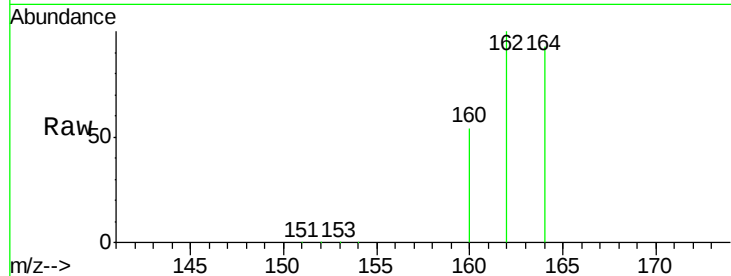
Tot Ion:164 Resp: 123011

Ion Ratio Lower Upper

164 100

162 107.5 86.8 130.2

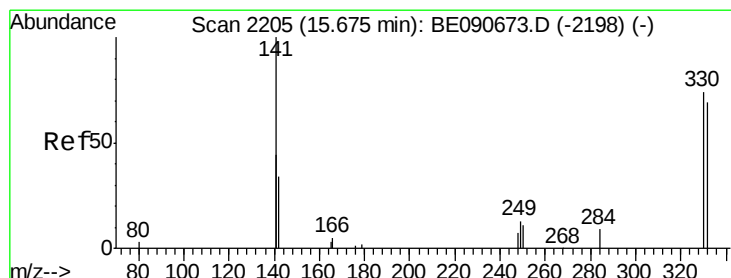
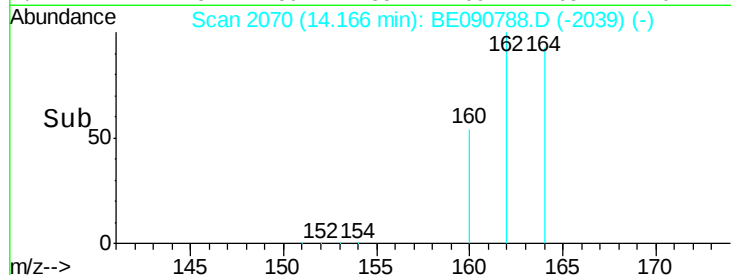
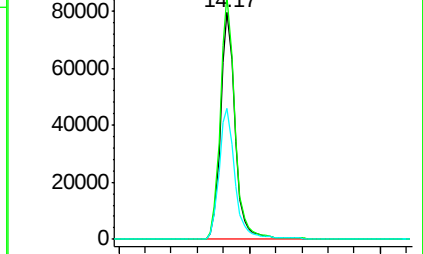
160 58.0 53.9 80.9



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: 5.04 ng

RT: 15.67 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE090788.D

Acq: 11 Sep 2015 17:17

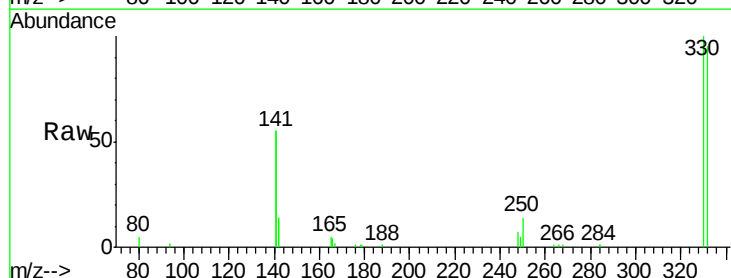
Tgt Ion:330 Resp: 17986

Ion Ratio Lower Upper

330 100

332 96.5 74.9 112.3

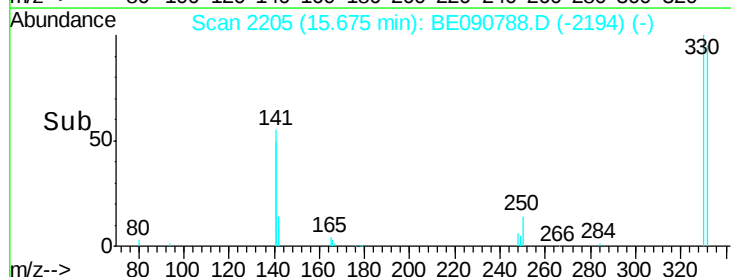
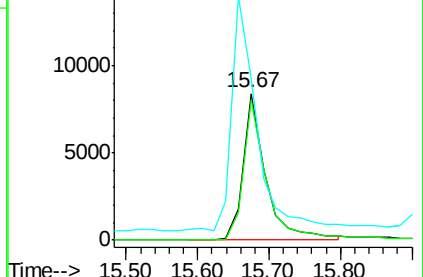
141 182.3 145.2 217.8



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

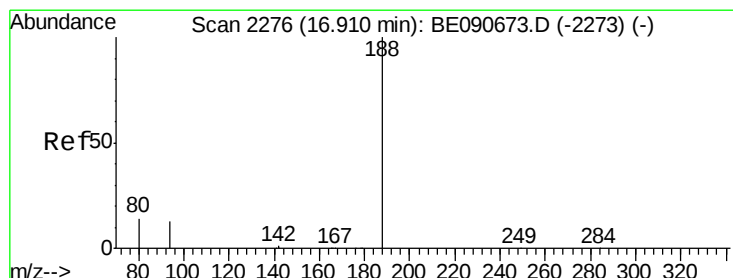
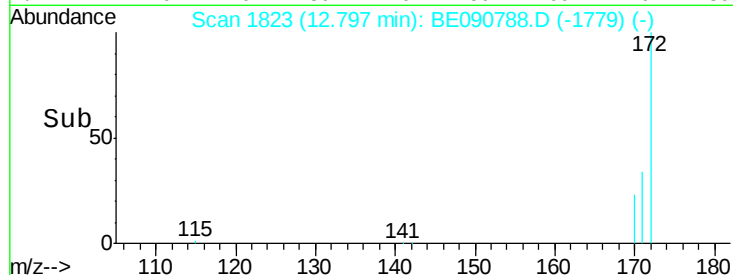
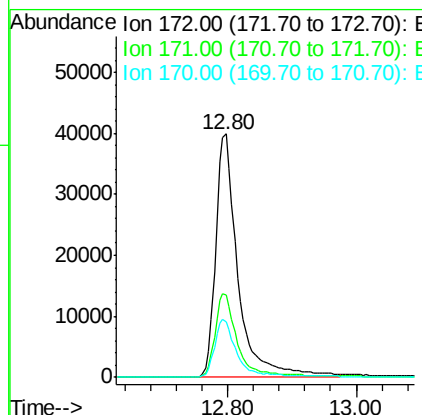
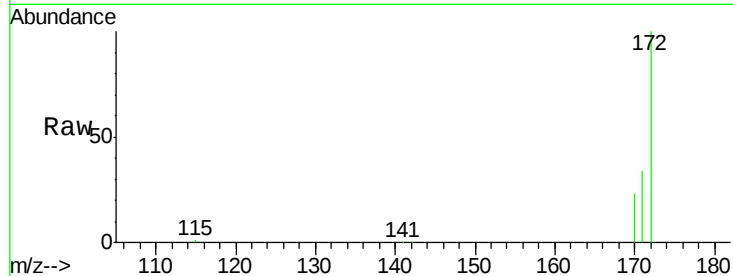




#14
2-Fluorobiphenyl
Concen: 2.82 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090788.D
Acq: 11 Sep 2015 17:17

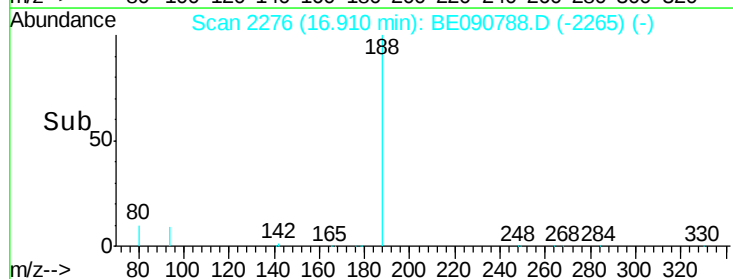
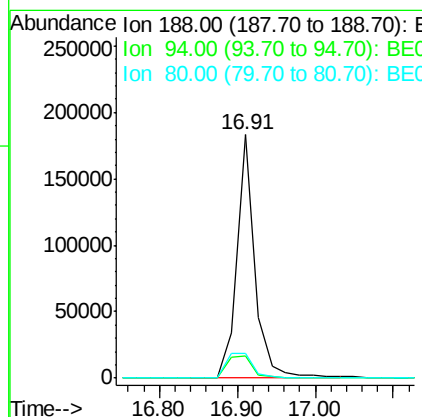
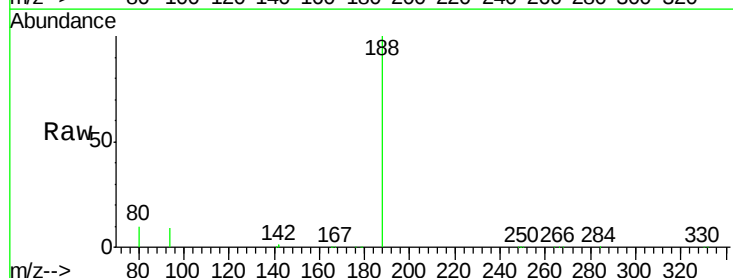
Instrument :
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Tot Ion:172 Resp: 96032
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.8
170 23.0 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090788.D
Acq: 11 Sep 2015 17:17

Tgt Ion:188 Resp: 295810
Ion Ratio Lower Upper
188 100
94 9.3 10.3 15.5#
80 10.1 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BE090788.D

Acq: 11 Sep 2015 17:17

Instrument :

BNA_E

ClientSampleId :

090915-D534-E-U-B

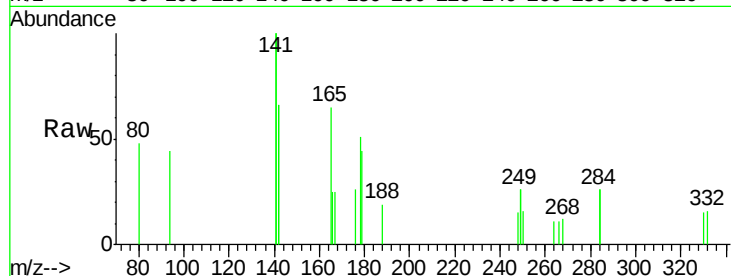
Tot Ion:284 Resp: 157

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

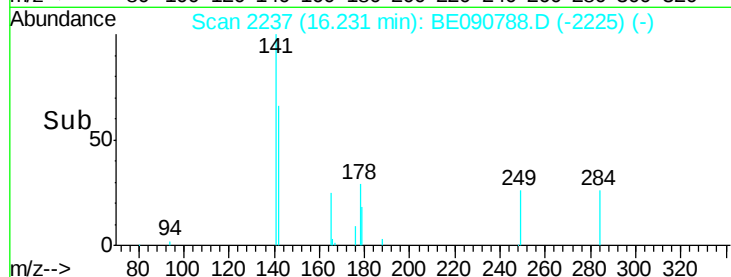
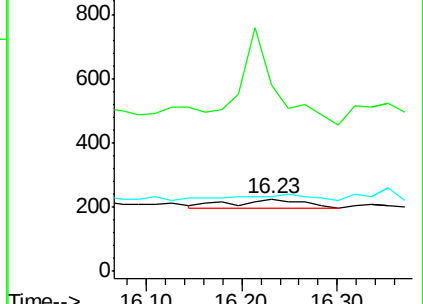
249 61.1 25.5 38.3#



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: 16.60 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BE090788.D

Acq: 11 Sep 2015 17:17

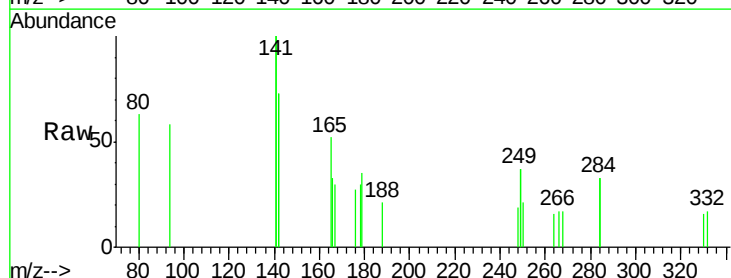
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

268 98.2 49.6 74.4#

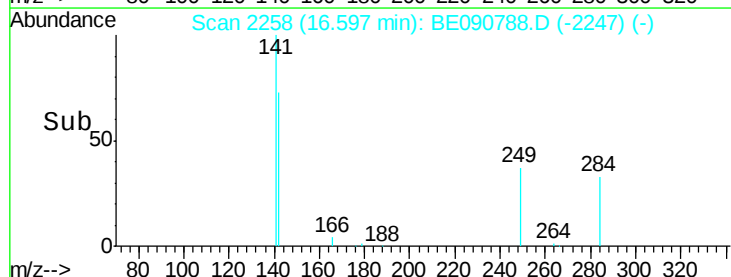
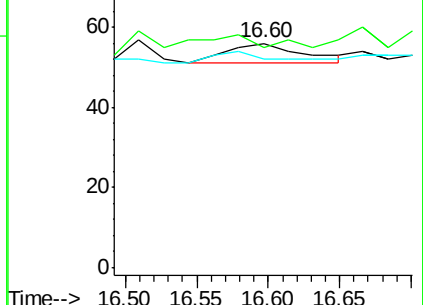
264 92.9 53.9 80.9#



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: BE090788.D

Acq: 11 Sep 2015 17:17

Instrument :

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ClientSampleId :

090915-D534-E-U-B

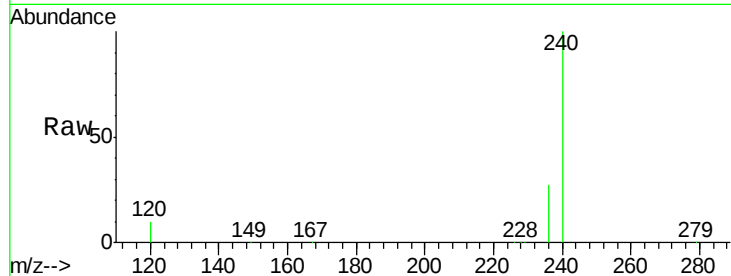
Tot Ion:240 Resp: 352849

Ion Ratio Lower Upper

240 100

120 9.8 10.1 15.1#

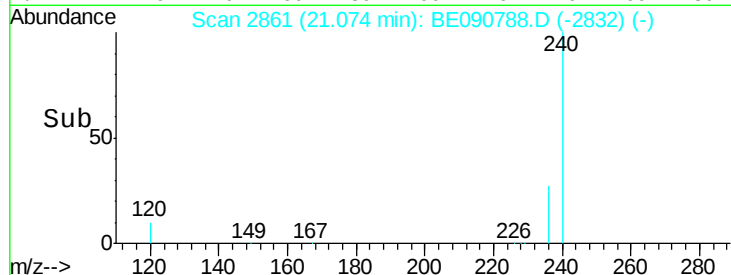
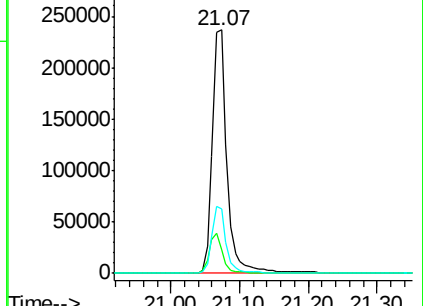
236 26.5 21.9 32.9



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: 4.11 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090788.D

Acq: 11 Sep 2015 17:17

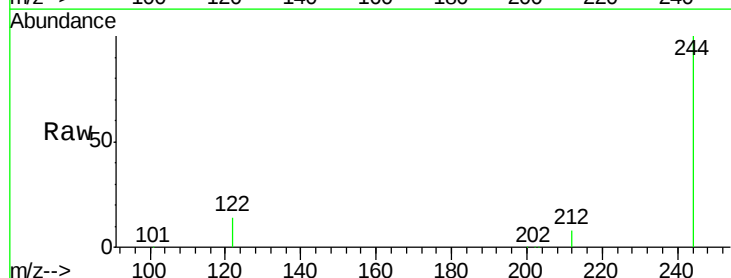
Tgt Ion:244 Resp: 160474

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

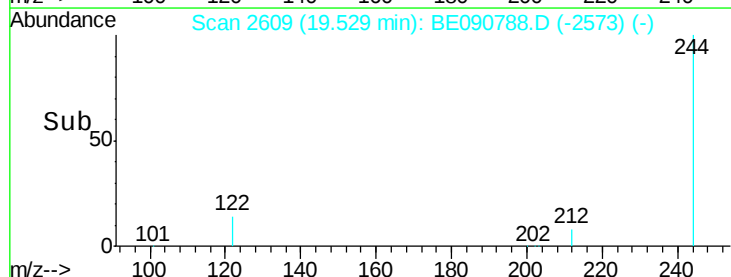
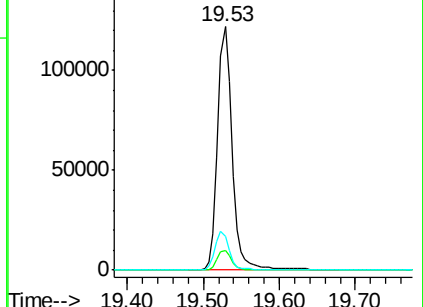
122 13.9 12.9 19.3



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: 21.07 min Scan# 2860

Delta R.T. -0.04 min

Lab File: BE090788.D

Acq: 11 Sep 2015 17:17

Instrument :

BNA_E

ClientSampleId :

090915-D534-E-U-B

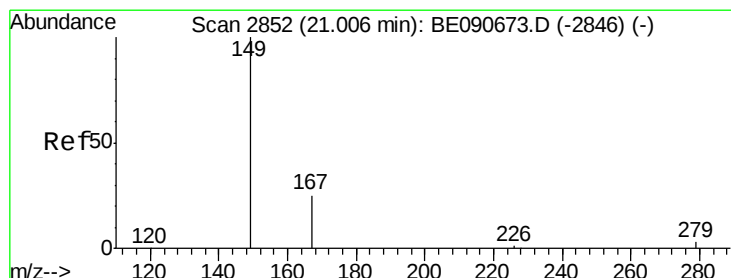
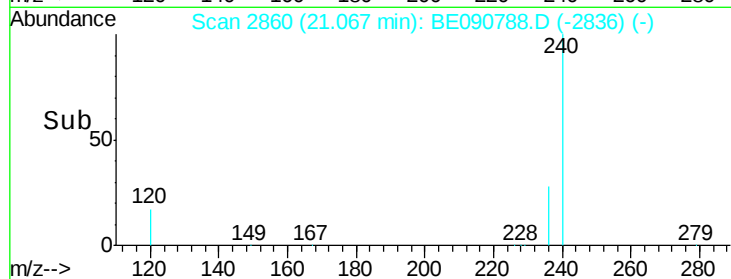
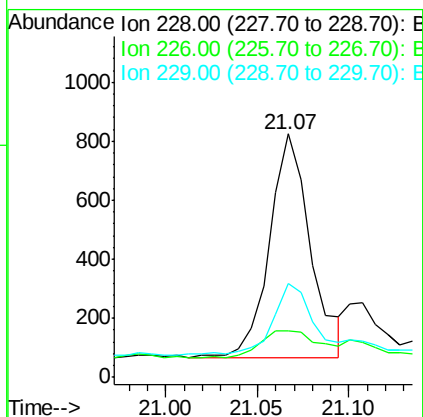
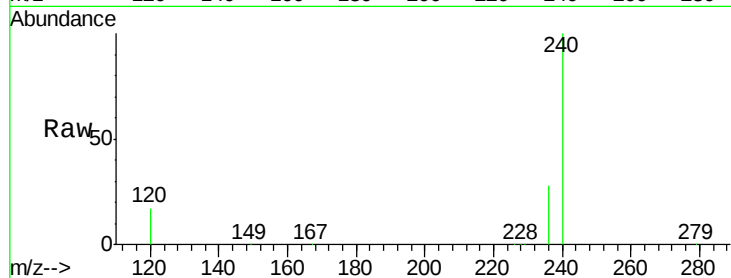
Tot Ion:228 Resp: 1180

Ion Ratio Lower Upper

228 100

226 18.9 24.2 36.4#

229 38.3 15.3 22.9#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.16 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090788.D

Acq: 11 Sep 2015 17:17

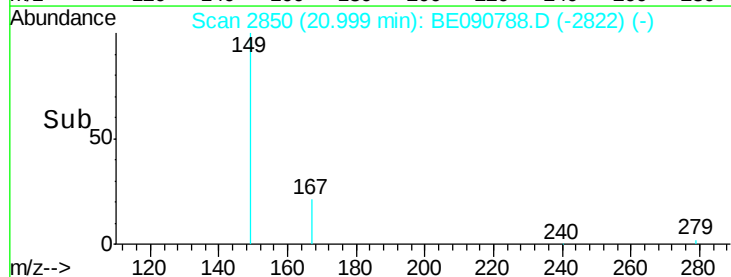
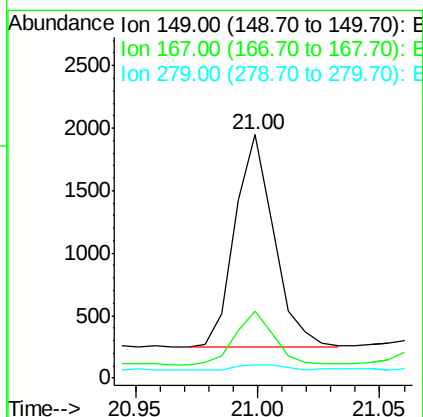
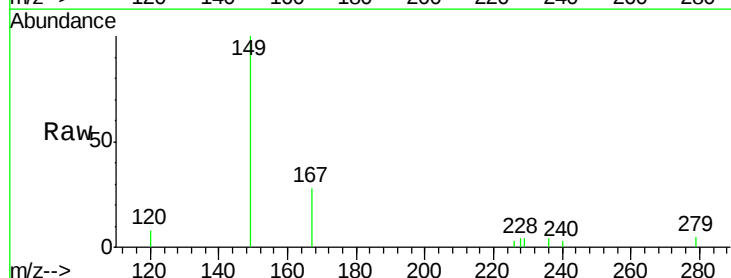
Tgt Ion:149 Resp: 1882

Ion Ratio Lower Upper

149 100

167 25.9 20.1 30.1

279 3.2 2.3 3.5

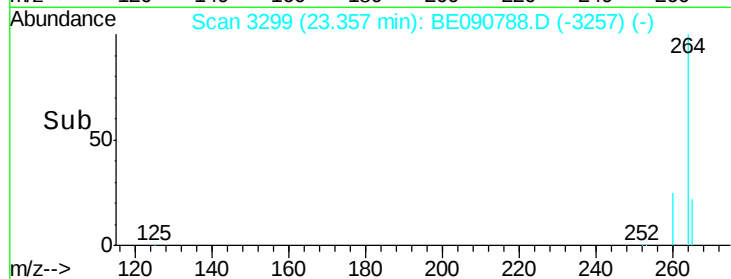
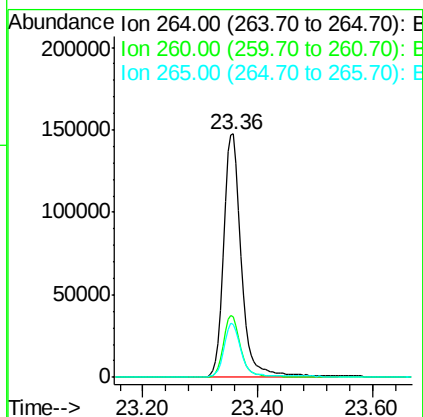
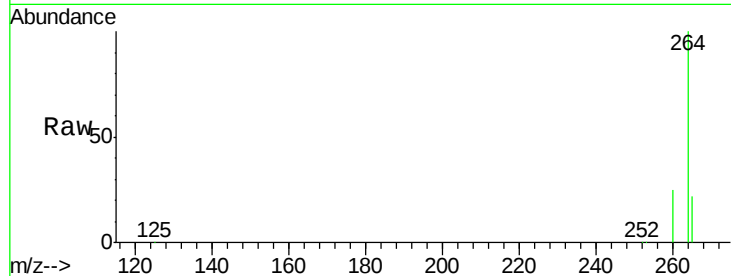




#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.01 min
 Lab File: BE090788.D
 Acq: 11 Sep 2015 17:17

Instrument :
 BNA_E
 ClientSampleId :
 090915-D534-E-U-B

Tot Ion:264 Resp: 323273
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 21.8 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: BE090788.D
 Acq: 11 Sep 2015 17:17

Tgt Ion:278 Resp: 35
 Ion Ratio Lower Upper
 278 100
 139 144.4 15.4 23.0#
 279 120.8 18.8 28.2#

