

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090115\
 Data File : BE090689.D
 Acq On : 2 Sep 2015 5:01
 Operator : UM/IZ
 Sample : G3504-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 02 05:37:24 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 01:57:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	42323	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	185677	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	98922	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	264770	5.00	ng	0.00
25) Chrysene-d12	21.07	240	327289	5.00	ng	0.00
32) Perylene-d12	23.36	264	294072	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	29329	3.56	ng	0.00
5) Phenol-d6	6.75	99	24220	2.06	ng	0.00
7) Nitrobenzene-d5	8.71	82	46483	3.79	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	23687	8.15	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	104001	3.80	ng	0.00
27) Terphenyl-d14	19.53	244	229001	6.32	ng	0.00

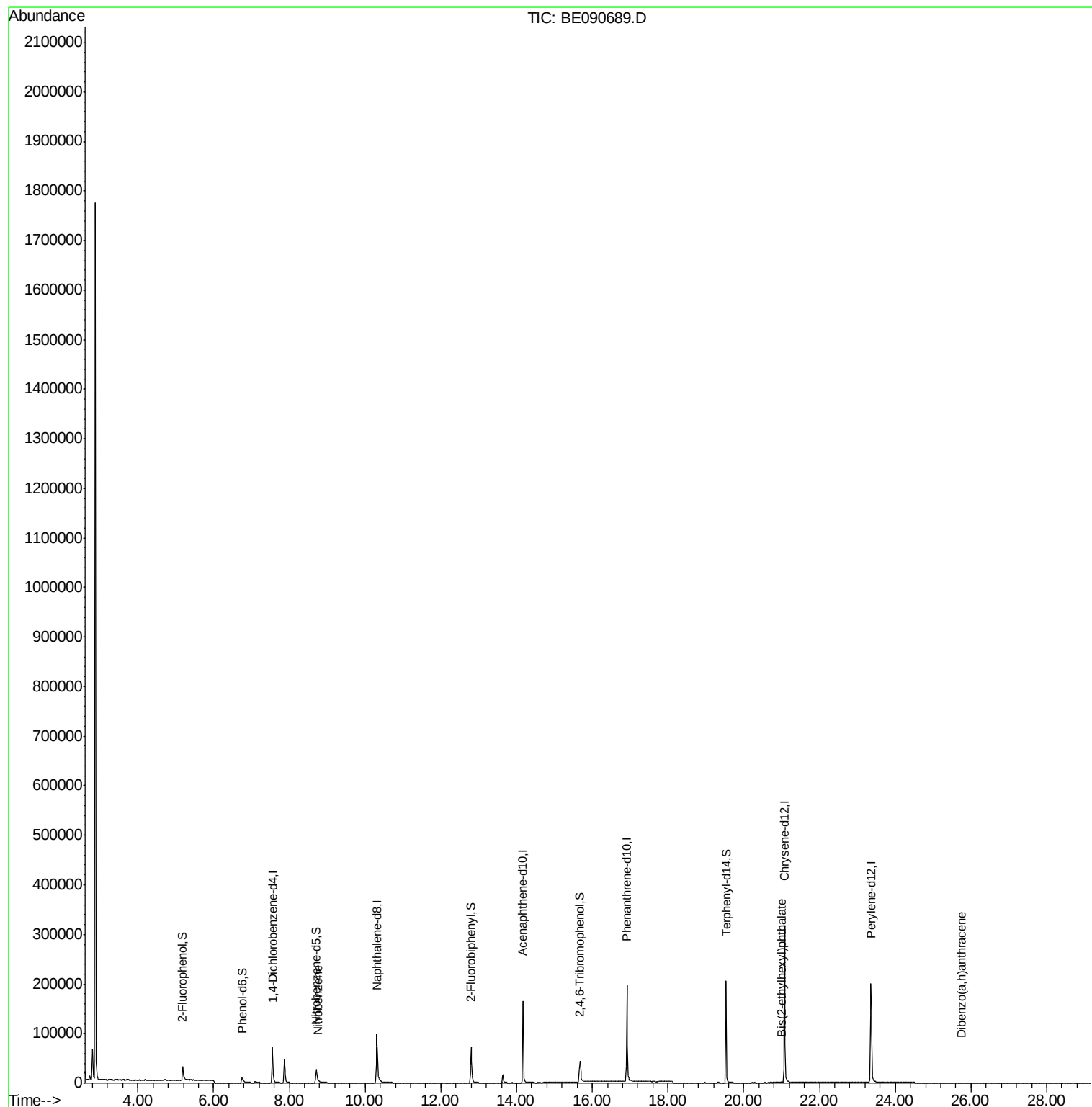
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.19	88	64	Below Cal	#	16
3) n-Nitrosodimethylamine	3.41	42	118	Below Cal	#	6
8) Nitrobenzene	8.76	77	8	0.11 ng	#	1
20) Hexachlorobenzene	16.23	284	132	Below Cal	#	37
21) Pentachlorophenol	16.61	266	51	Below Cal	#	76
29) Chrysene	21.11	228	613	Below Cal	#	77
30) Bis(2-ethylhexyl)phthalate	21.00	149	2503	0.20 ng	#	95
36) Dibenzo(a,h)anthracene	25.75	278	236	0.14 ng	#	1

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

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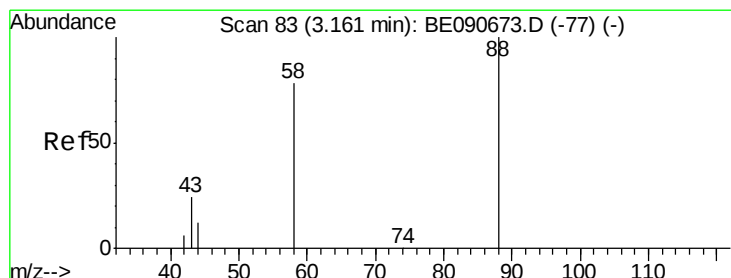
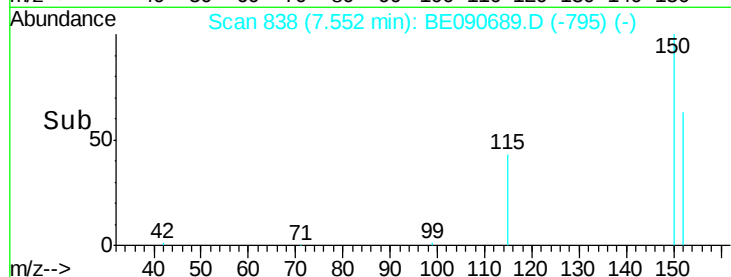
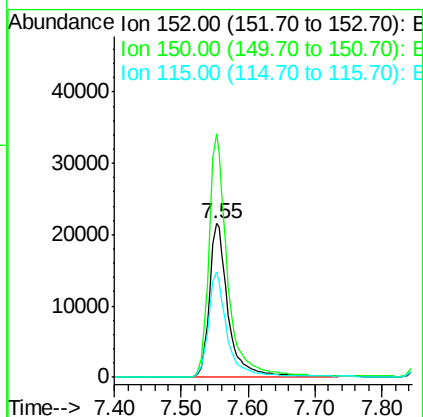
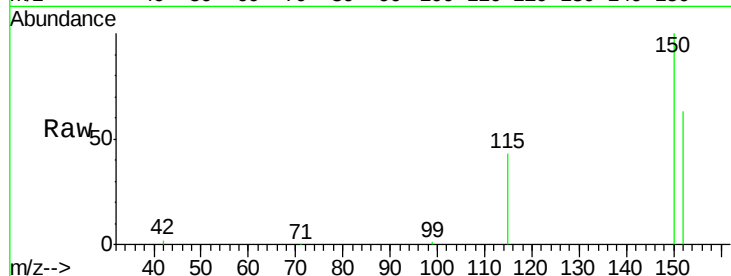


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090689.D
Acq: 2 Sep 2015 5:01

Instrument :
BNA_E
ClientSampled :

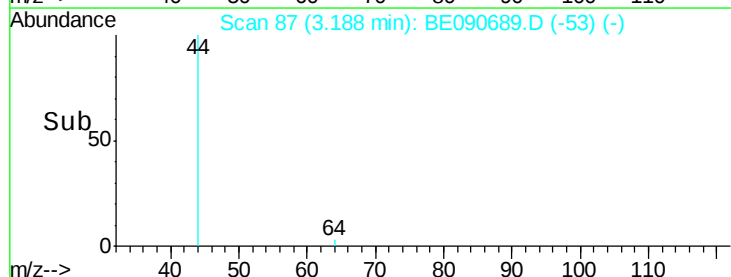
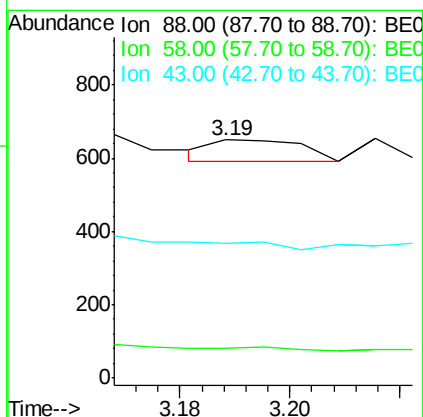
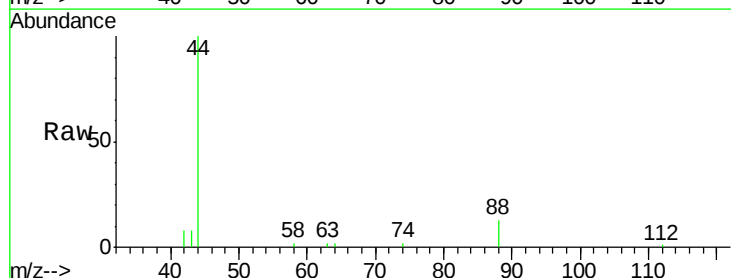
Tot Ion:152 Resp: 42323
Ion Ratio Lower Upper
152 100
150 158.7 122.2 183.4
115 68.7 51.0 76.4



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.19 min Scan# 87
Delta R.T. 0.03 min
Lab File: BE090689.D
Acq: 2 Sep 2015 5:01

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
58 0.0 68.4 102.6#
43 0.0 26.9 40.3#



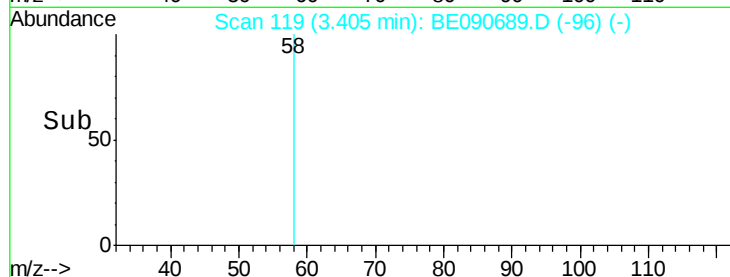
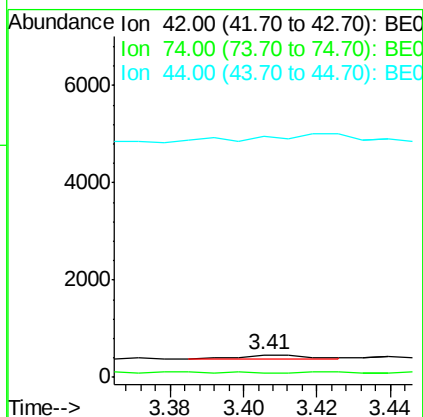
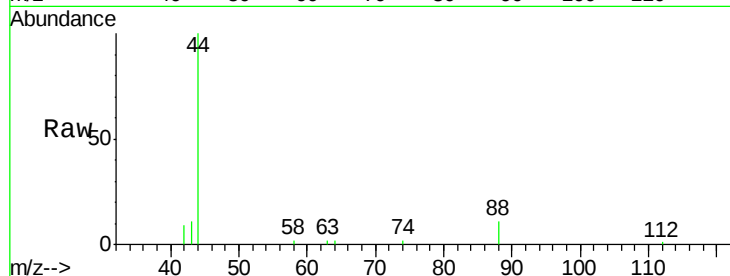


#3

n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.41 min Scan# 119
 Delta R.T. -0.05 min
 Lab File: BE090689.D
 Acq: 2 Sep 2015 5:01

Instrument :
 BNA_E
 ClientSampleId :

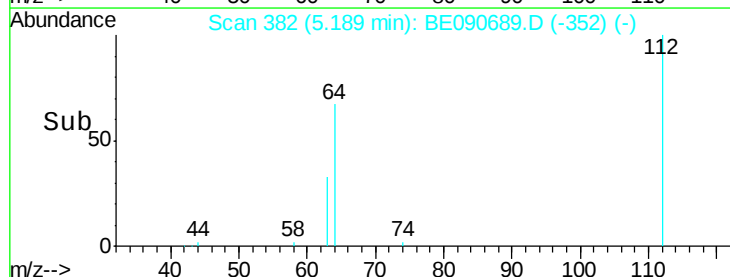
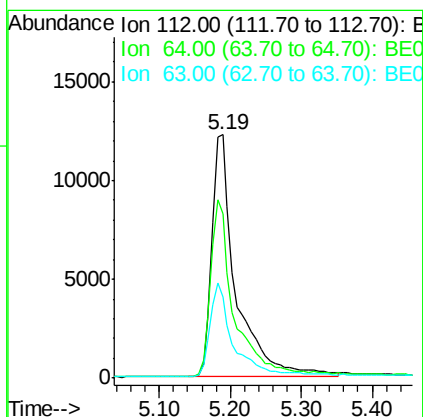
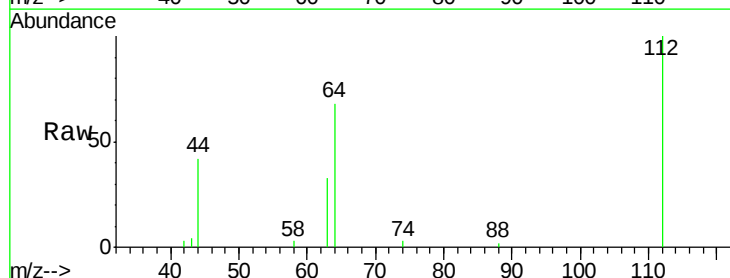
Tot Ion: 42 Resp: 118
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 0.0 10.0 15.0#

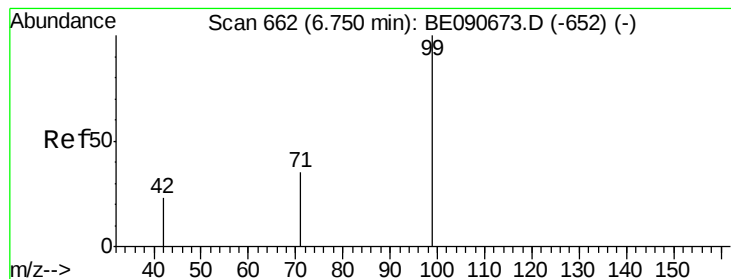


#4

2-Fluorophenol
 Concen: 3.56 ng
 RT: 5.19 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: BE090689.D
 Acq: 2 Sep 2015 5:01

Tgt Ion: 112 Resp: 29329
 Ion Ratio Lower Upper
 112 100
 64 71.6 57.3 85.9
 63 37.4 29.2 43.8





#5

Phenol-d6

Concen: 2.06 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090689.D

Acq: 2 Sep 2015 5:01

Instrument :

BNA_E

ClientSampled :

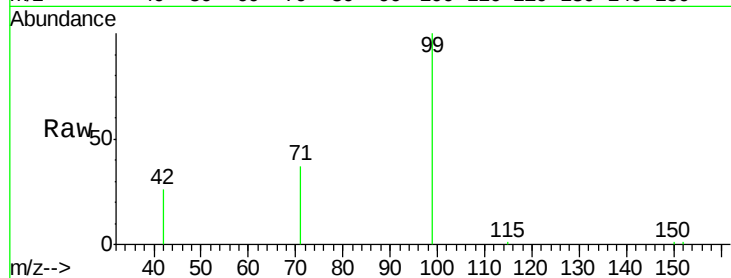
Tot Ion: 99 Resp: 24220

Ion Ratio Lower Upper

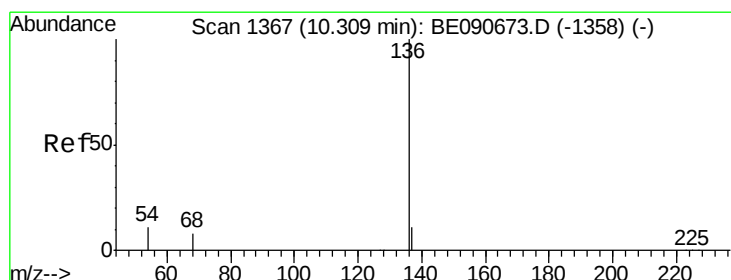
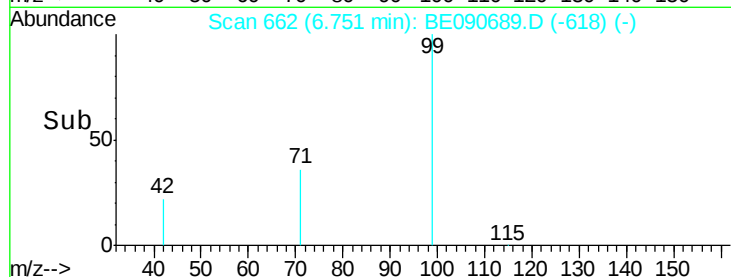
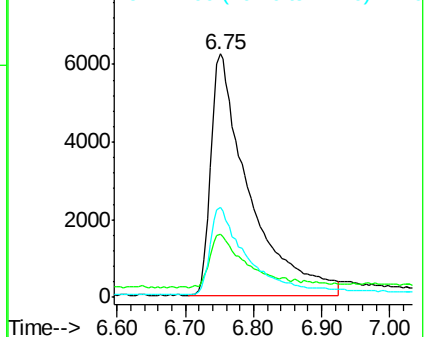
99 100

42 21.2 16.8 25.2

71 34.5 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: BE090689.D

Acq: 2 Sep 2015 5:01

Tgt Ion: 136 Resp: 185677

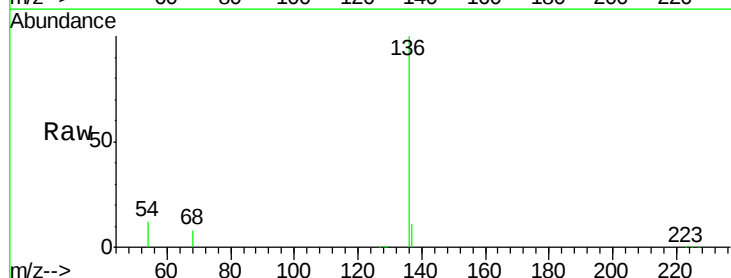
Ion Ratio Lower Upper

136 100

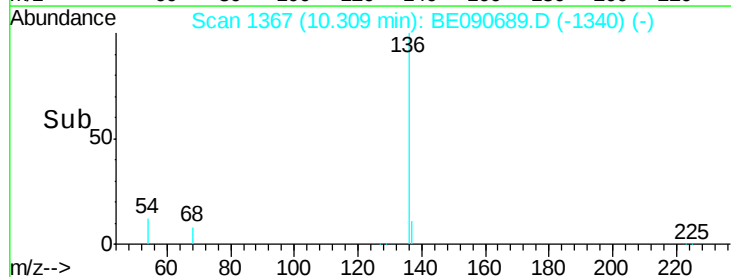
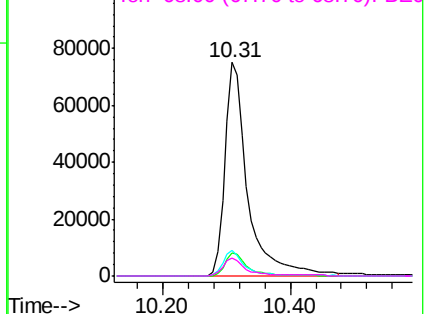
137 10.8 8.7 13.1

54 11.7 9.0 13.6

68 8.3 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: 3.79 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE090689.D

Acq: 2 Sep 2015 5:01

Instrument :

BNA_E

ClientSampled :

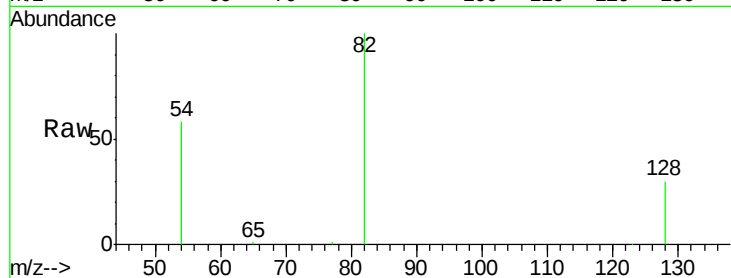
Tot Ion: 82 Resp: 46483

Ion Ratio Lower Upper

82 100

128 29.7 25.0 37.4

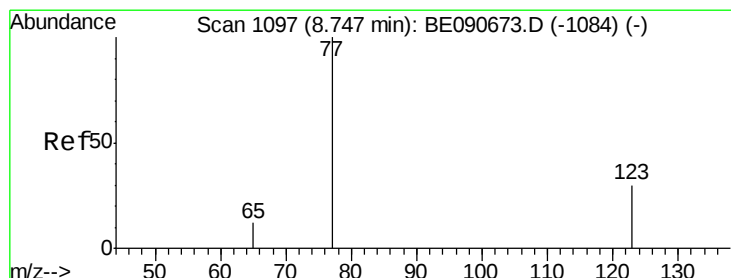
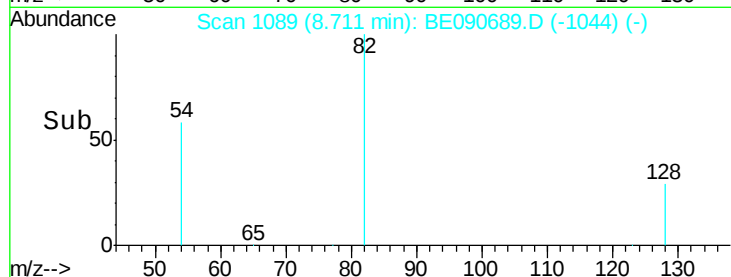
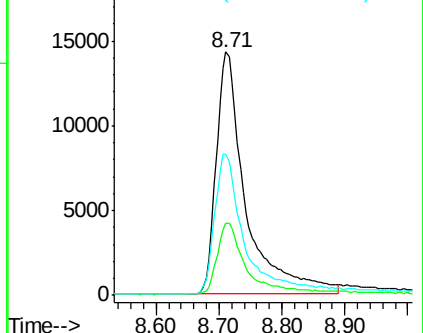
54 58.0 46.3 69.5



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# 1099

Delta R.T. 0.01 min

Lab File: BE090689.D

Acq: 2 Sep 2015 5:01

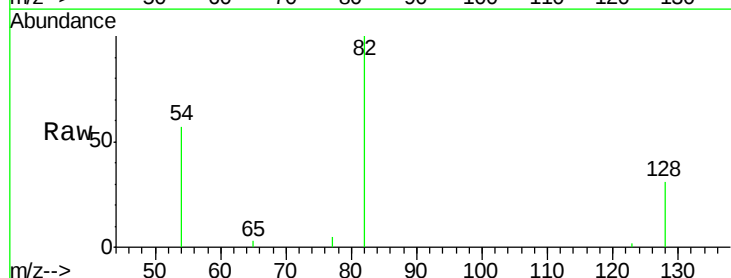
Tgt Ion: 77 Resp: 8

Ion Ratio Lower Upper

77 100

123 100.0 25.1 37.7#

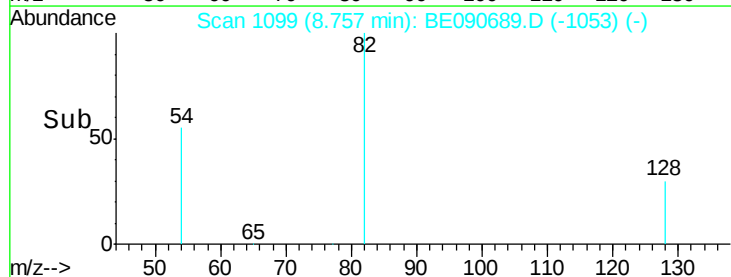
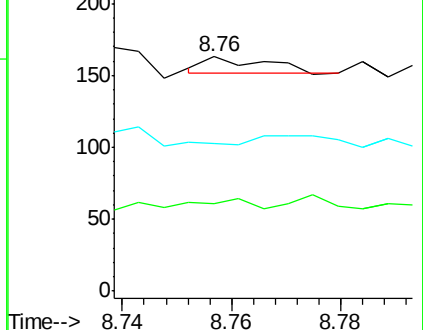
65 100.0 9.9 14.9#



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: BE090689.D

Acq: 2 Sep 2015 5:01

Instrument :

BNA_E

ClientSampled :

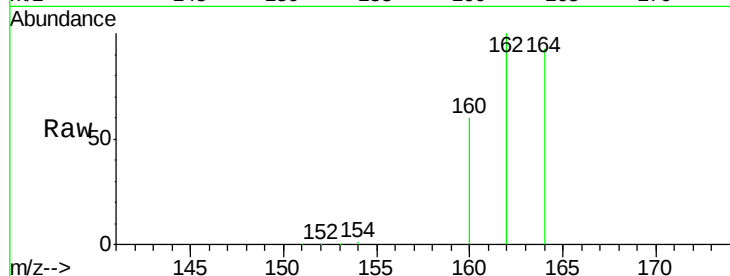
Tot Ion:164 Resp: 98922

Ion Ratio Lower Upper

164 100

162 108.1 86.8 130.2

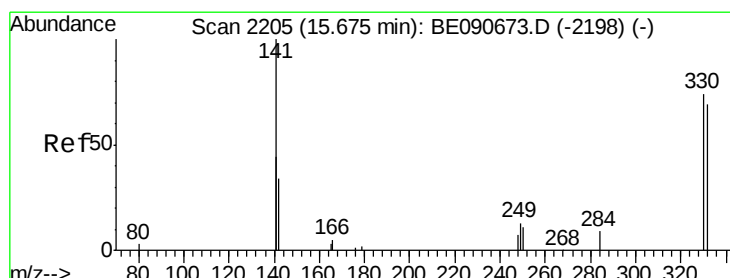
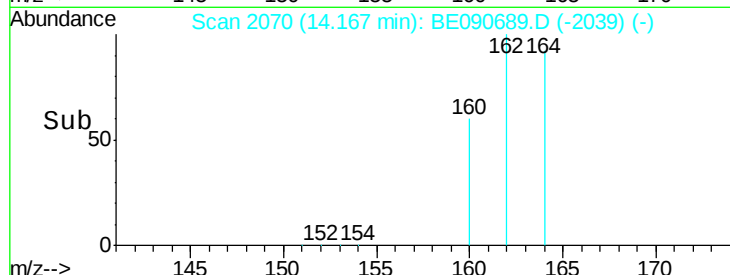
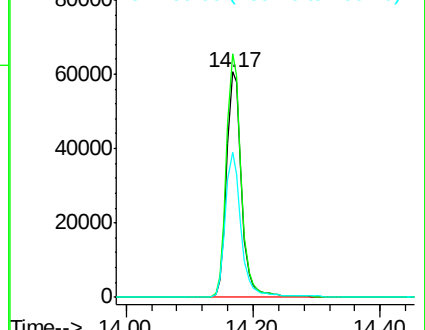
160 64.5 53.9 80.9



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: 8.15 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090689.D

Acq: 2 Sep 2015 5:01

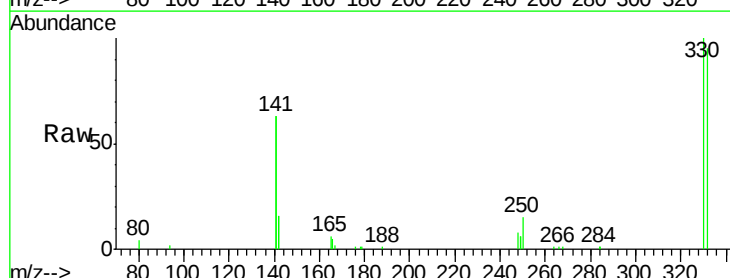
Tgt Ion:330 Resp: 23687

Ion Ratio Lower Upper

330 100

332 97.0 74.9 112.3

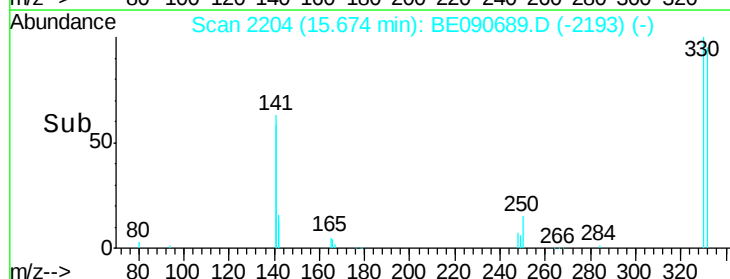
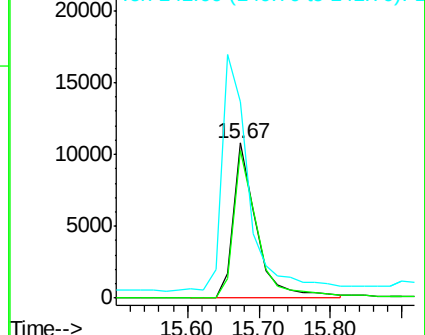
141 180.2 145.2 217.8

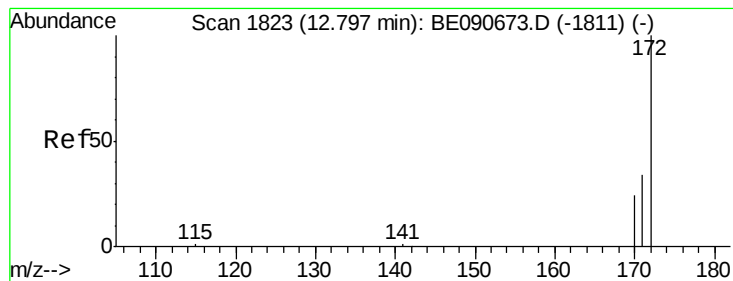


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

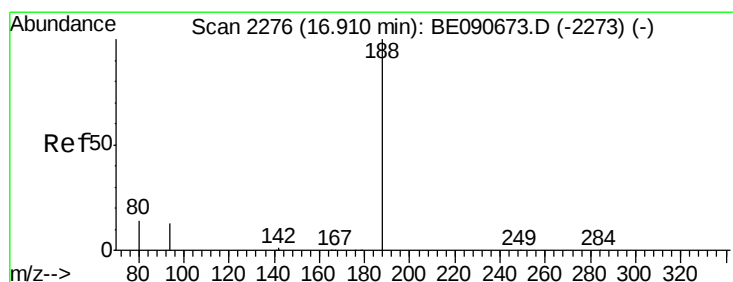
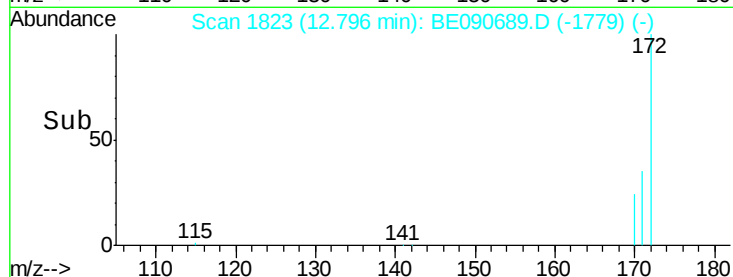
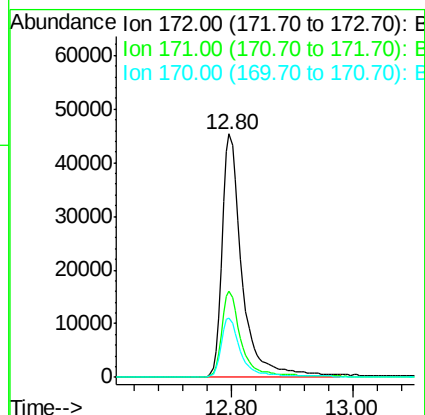
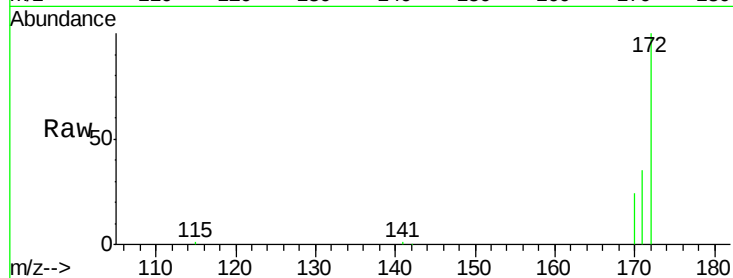




#14
2-Fluorobiphenyl
Concen: 3.80 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090689.D
Acq: 2 Sep 2015 5:01

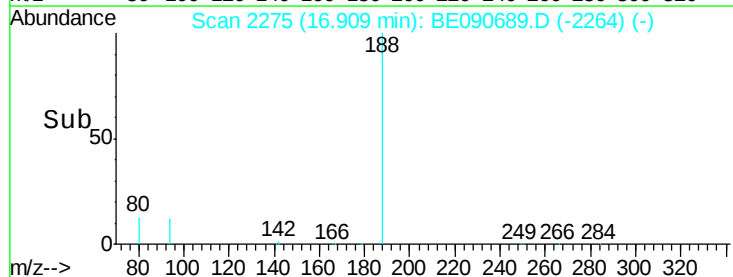
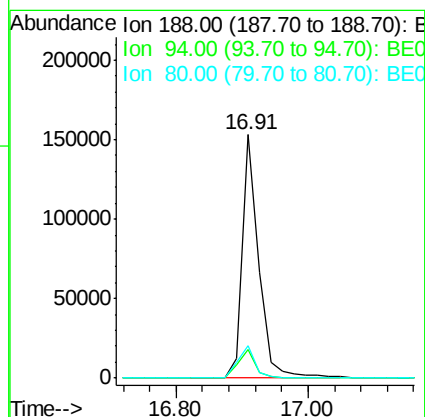
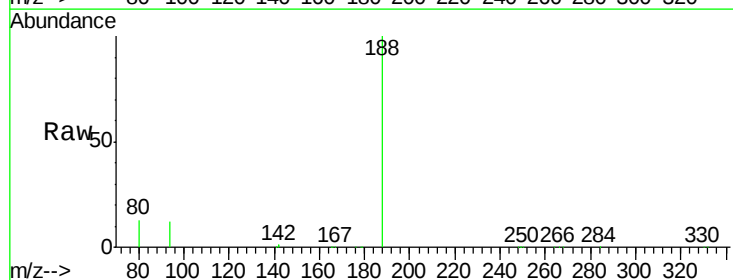
Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 104001
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 24.1 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: BE090689.D
Acq: 2 Sep 2015 5:01

Tgt Ion:188 Resp: 264770
Ion Ratio Lower Upper
188 100
94 11.9 10.3 15.5
80 13.4 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090689.D

Acq: 2 Sep 2015 5:01

Instrument :

BNA_E

ClientSampleId :

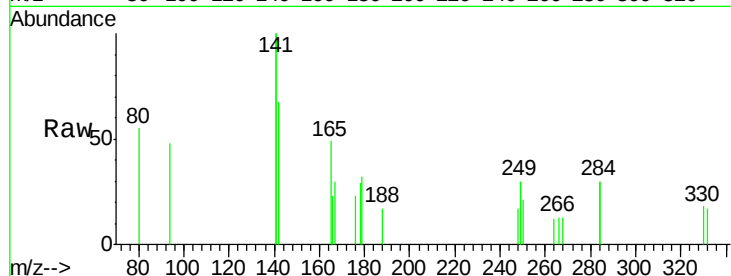
Tot Ion:284 Resp: 132

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

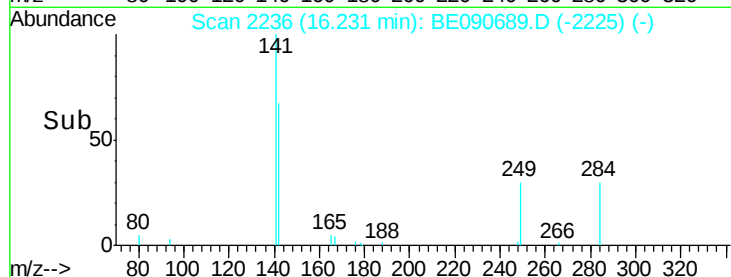
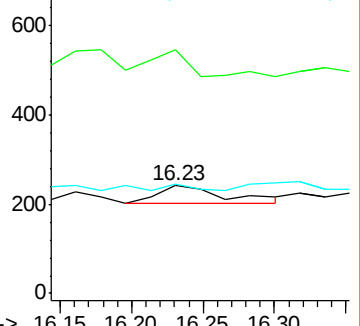
249 0.0 25.5 38.3#



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



Time-->



#21

Pentachlorophenol

Concen: Below Cal

RT: 16.61 min Scan# 2258

Delta R.T. 0.02 min

Lab File: BE090689.D

Acq: 2 Sep 2015 5:01

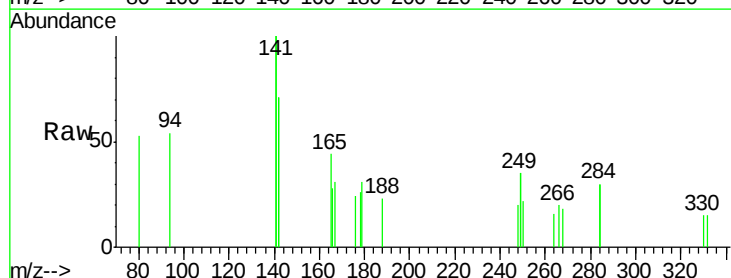
Tgt Ion:266 Resp: 51

Ion Ratio Lower Upper

266 100

268 90.3 49.6 74.4#

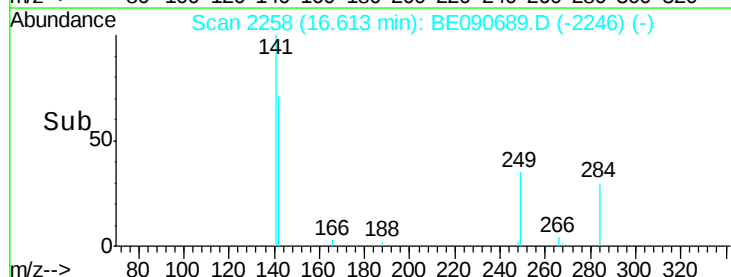
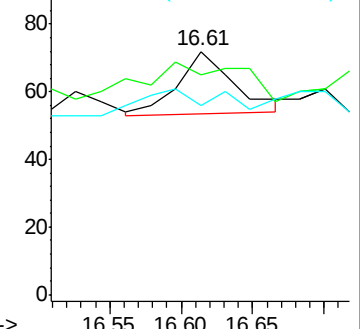
264 77.8 53.9 80.9



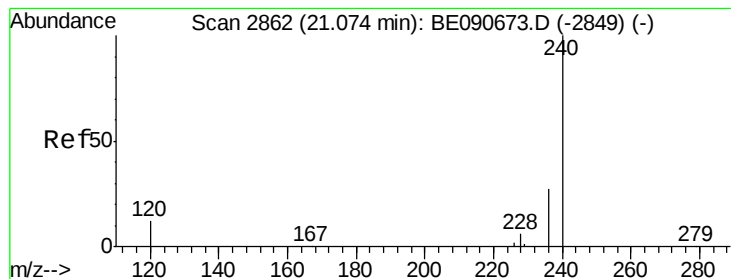
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE090689.D

Acq: 2 Sep 2015 5:01

Instrument :

BNA_E

ClientSampleId :

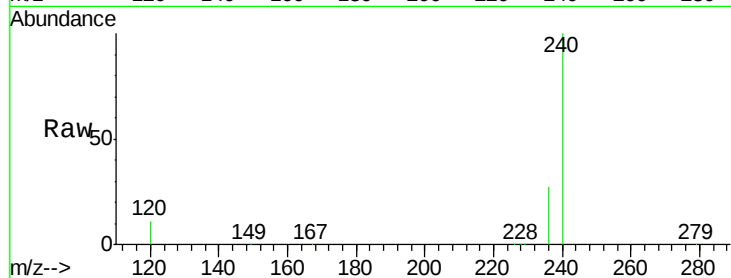
Tot Ion:240 Resp: 327289

Ion Ratio Lower Upper

240 100

120 11.4 10.1 15.1

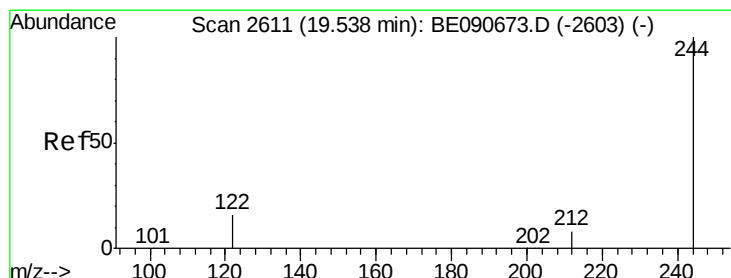
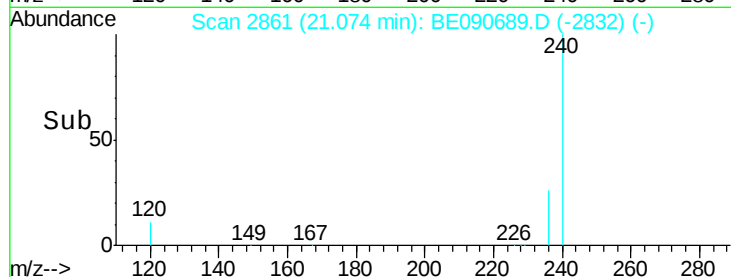
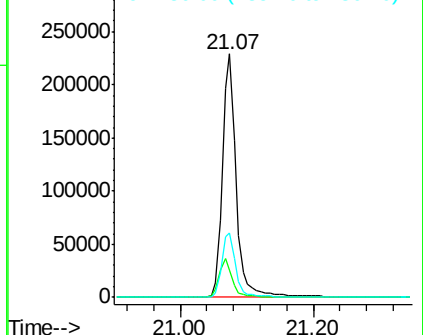
236 26.5 21.9 32.9



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: 6.32 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090689.D

Acq: 2 Sep 2015 5:01

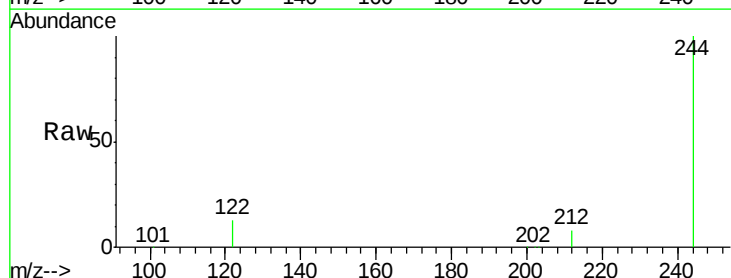
Tgt Ion:244 Resp: 229001

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

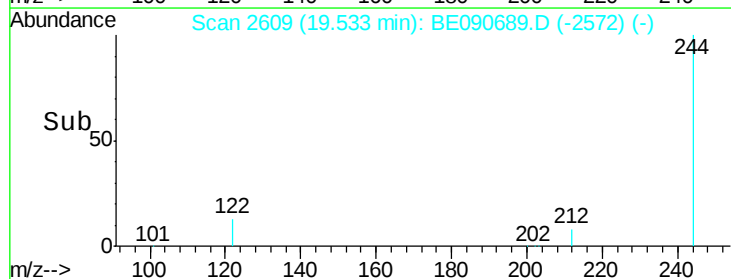
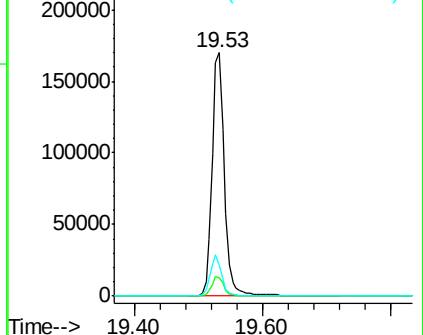
122 12.6 12.9 19.3#



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

Chrvsene

Concen: Below Cal

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090689.D

Acq: 2 Sep 2015 5:01

Instrument :

BNA_E

ClientSampleId :

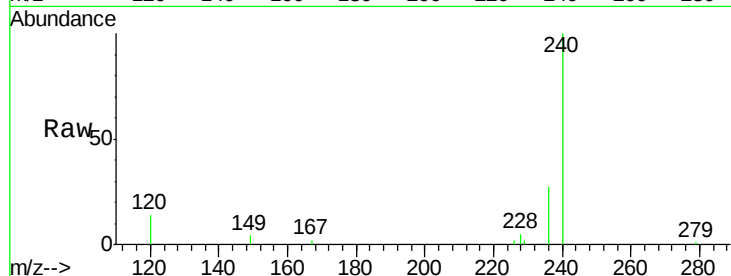
Tot Ion:228 Resp: 613

Ion Ratio Lower Upper

228 100

226 38.3 24.2 36.4#

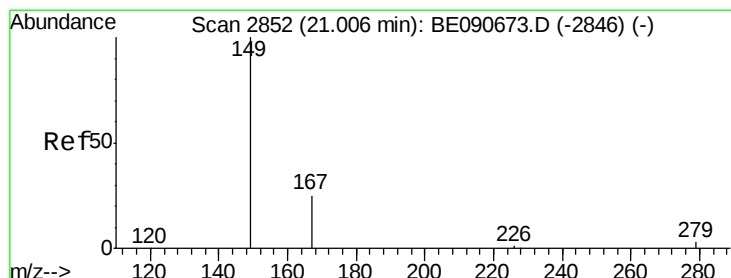
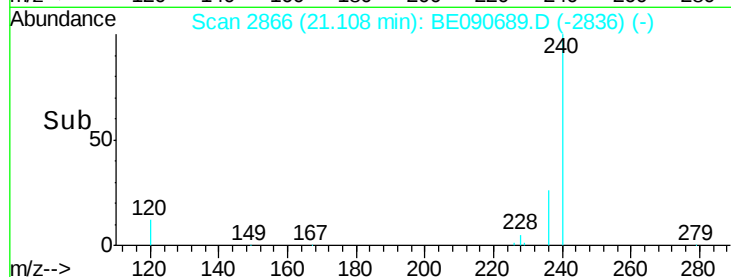
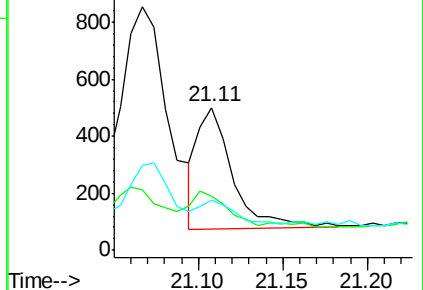
229 35.1 15.3 22.9#



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# 2850

Delta R.T. -0.01 min

Lab File: BE090689.D

Acq: 2 Sep 2015 5:01

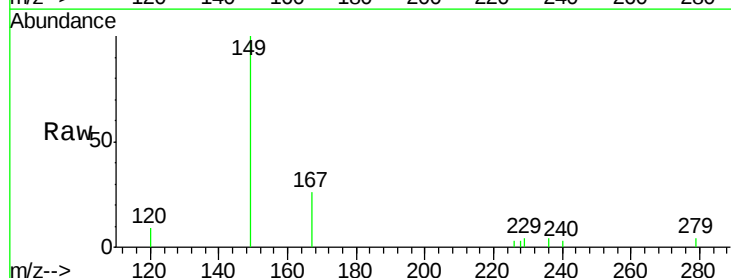
Tgt Ion:149 Resp: 2503

Ion Ratio Lower Upper

149 100

167 22.6 20.1 30.1

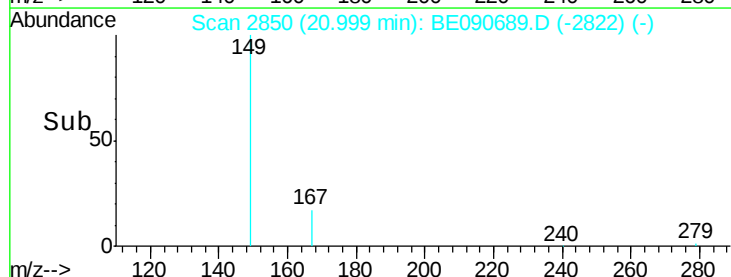
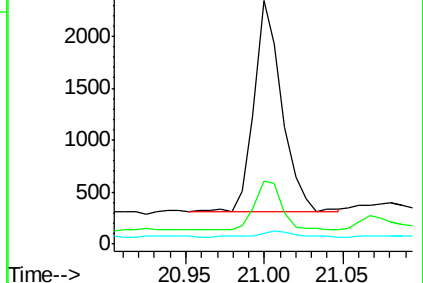
279 4.1 2.3 3.5#



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

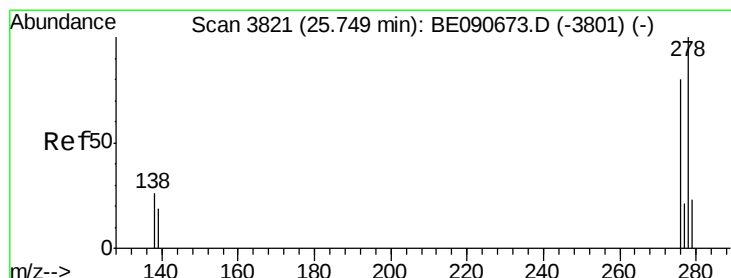
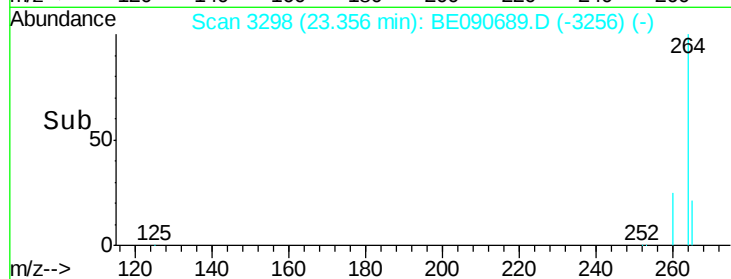
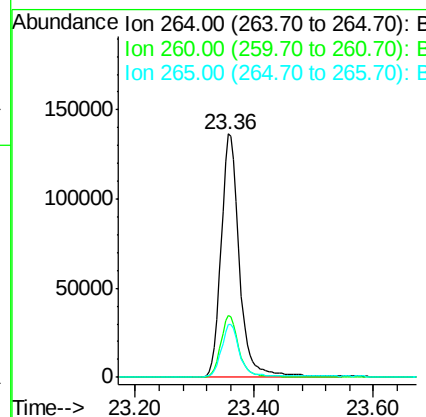




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090689.D
Acq: 2 Sep 2015 5:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 294072
Ion Ratio Lower Upper
264 100
260 25.2 19.7 29.5
265 21.5 17.5 26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.75 min Scan# 3819
Delta R.T. -0.00 min
Lab File: BE090689.D
Acq: 2 Sep 2015 5:01

Tgt Ion:278 Resp: 236
Ion Ratio Lower Upper
278 100
139 96.8 15.4 23.0#
279 80.0 18.8 28.2#

