

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
 Data File : BE090472.D
 Acq On : 12 Aug 2015 18:07
 Operator : UM/IZ
 Sample : G3236-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 01:20:55 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20593	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	92653	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	53356	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	125701	5.00	ng	0.00
25) Chrysene-d12	21.09	240	144161	5.00	ng	0.00
32) Perylene-d12	23.40	264	129960	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	16921	5.48	ng	0.00
5) Phenol-d6	6.77	99	16036	2.57	ng	-0.01
7) Nitrobenzene-d5	8.73	82	27915	3.75	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	17813	9.83	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	65288	4.45	ng	0.00
27) Terphenyl-d14	19.55	244	123297	5.81	ng	-0.01

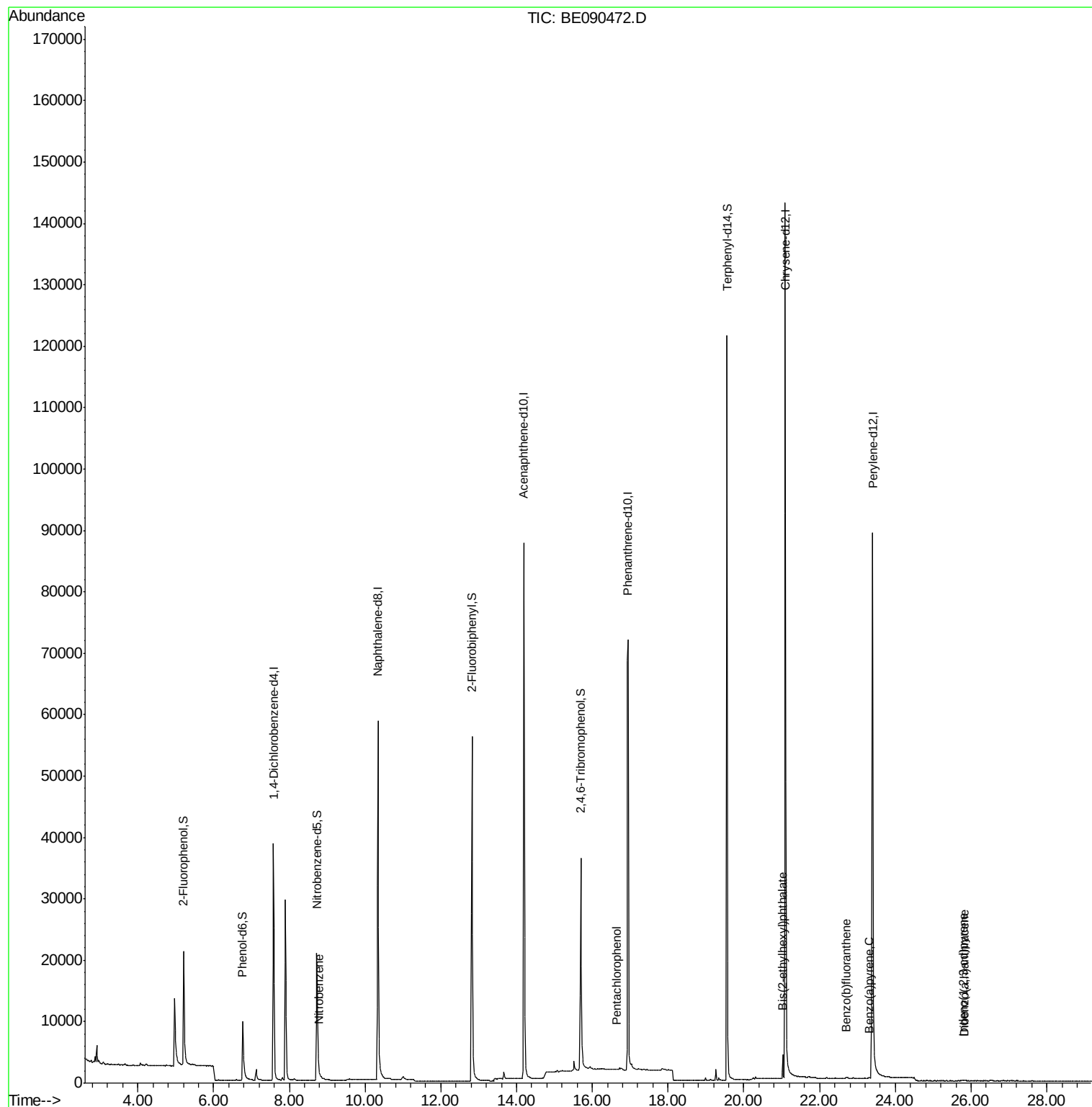
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.14	88	38	Below Cal	#	15
8) Nitrobenzene	8.79	77	13	0.21 ng	#	76
10) Hexachlorobutadiene	10.66	225	5	Below Cal	#	70
21) Pentachlorophenol	16.63	266	19	0.11 ng	#	75
30) Bis(2-ethylhexyl)phthalate	21.03	149	3338	0.54 ng		100
31) Indeno(1,2,3-cd)pyrene	25.79	276	132	0.26 ng	#	56
33) Benzo(b)fluoranthene	22.71	252	214	0.20 ng	#	1
35) Benzo(a)pyrene	23.30	252	132	0.23 ng	#	1
36) Dibenzo(a,h)anthracene	25.81	278	54	0.29 ng	#	1

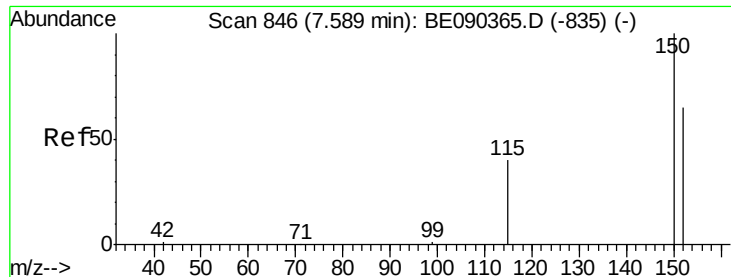
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
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BNA_E
ClientSampleId :

Quant Time: Aug 13 01:20:55 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

Instrument :

BNA_E

ClientSampled :

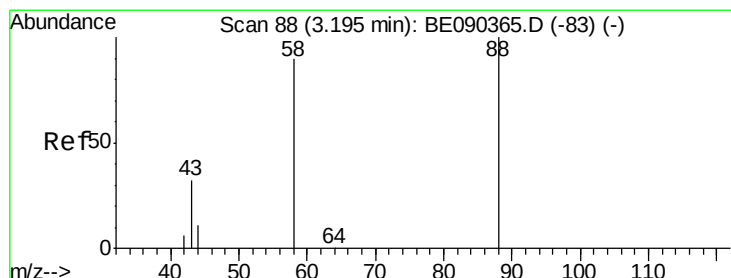
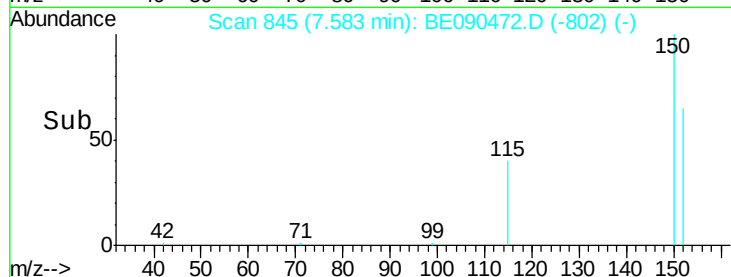
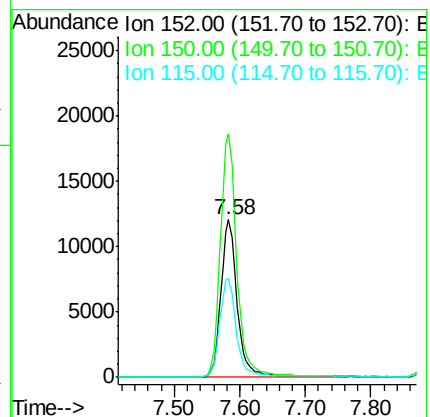
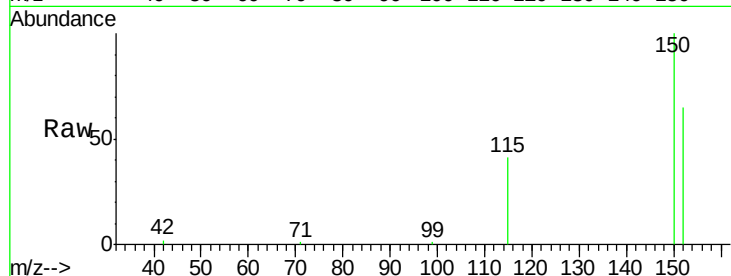
Tot Ion:152 Resp: 20593

Ion Ratio Lower Upper

152 100

150 154.8 123.0 184.4

115 63.0 48.9 73.3



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.14 min Scan# 80

Delta R.T. -0.05 min

Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

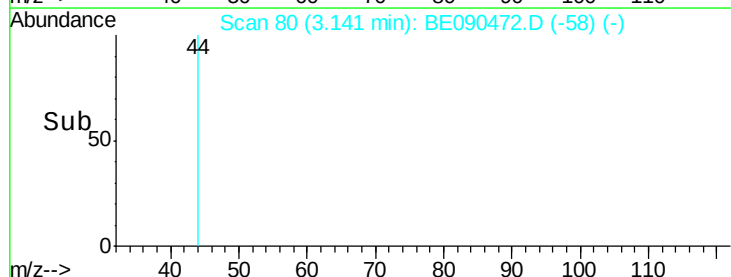
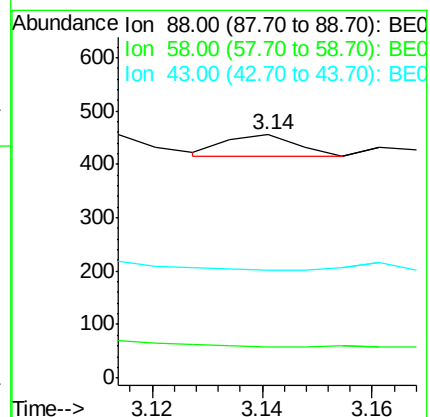
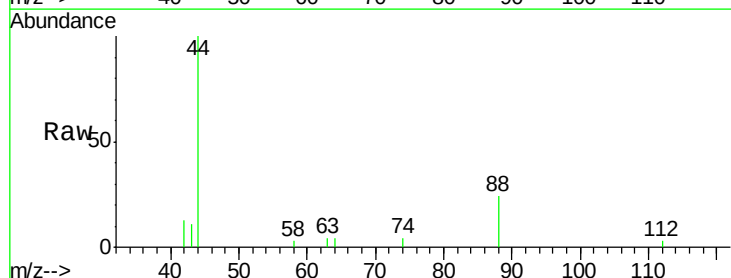
Tgt Ion: 88 Resp: 38

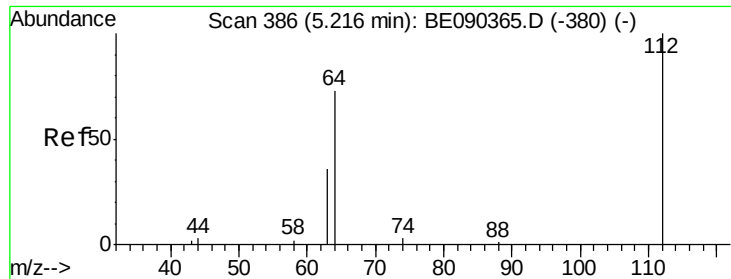
Ion Ratio Lower Upper

88 100

58 0.0 70.0 105.0#

43 0.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 5.48 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

Instrument :

BNA_E

ClientSampled :

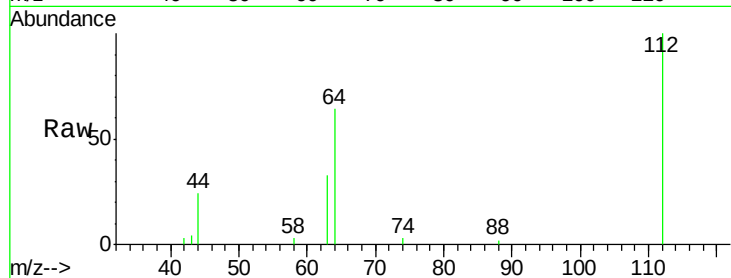
Tot Ion:112 Resp: 16921

Ion Ratio Lower Upper

112 100

64 70.5 37.1 55.7#

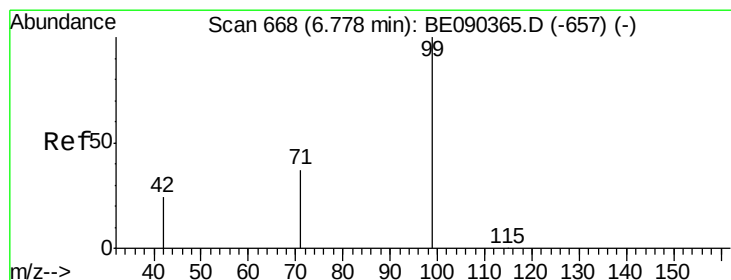
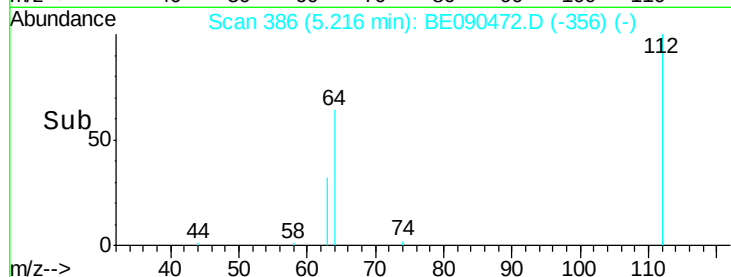
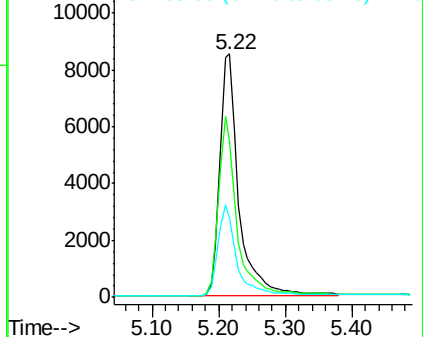
63 36.4 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 2.57 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

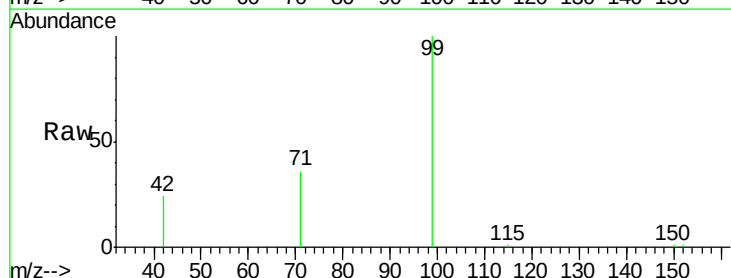
Tgt Ion: 99 Resp: 16036

Ion Ratio Lower Upper

99 100

42 20.7 18.2 27.4

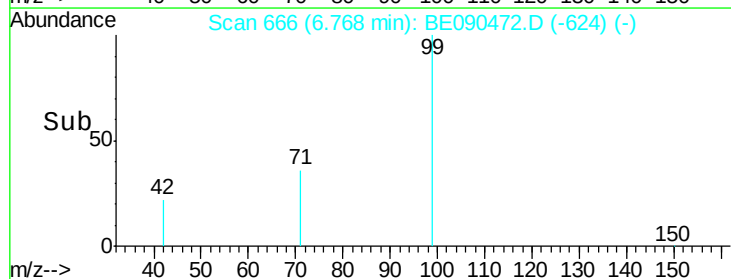
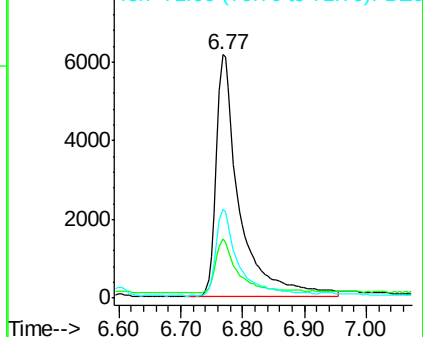
71 35.2 27.4 41.0

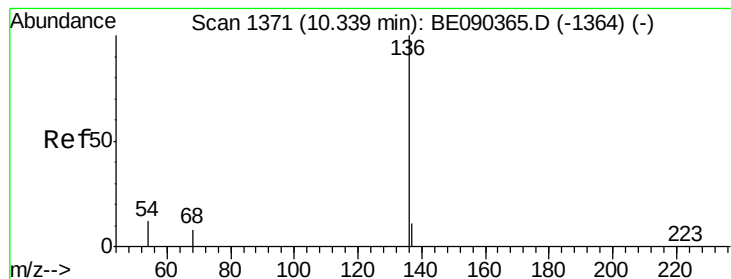


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 92653

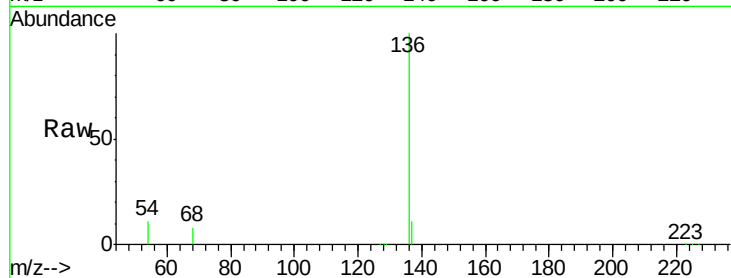
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.8 9.4 14.0

68 7.9 6.5 9.7

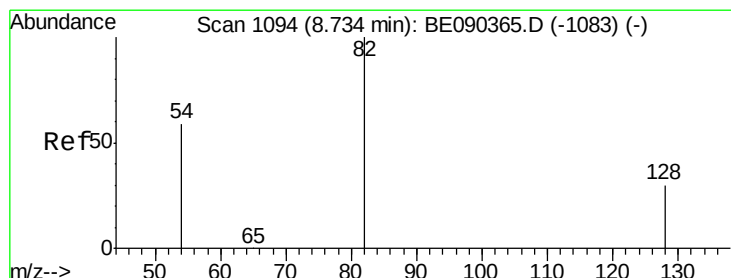
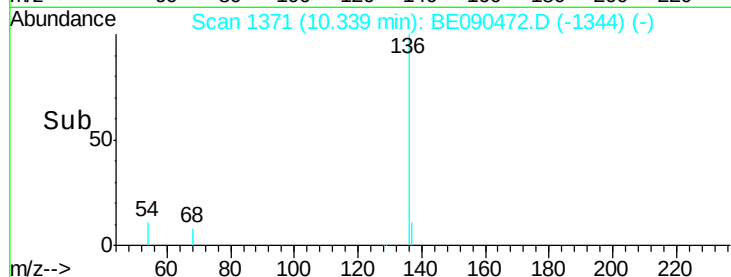
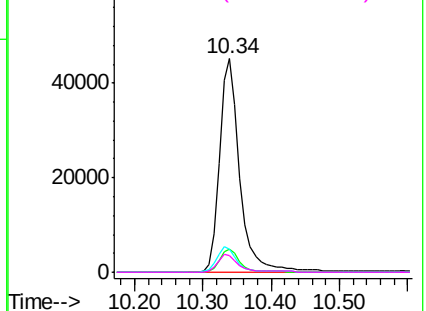


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.75 ng

RT: 8.73 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

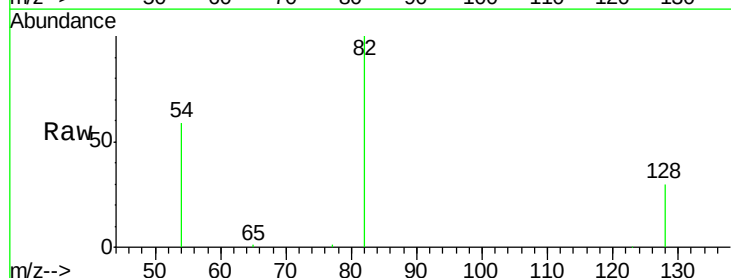
Tgt Ion: 82 Resp: 27915

Ion Ratio Lower Upper

82 100

128 30.0 25.0 37.6

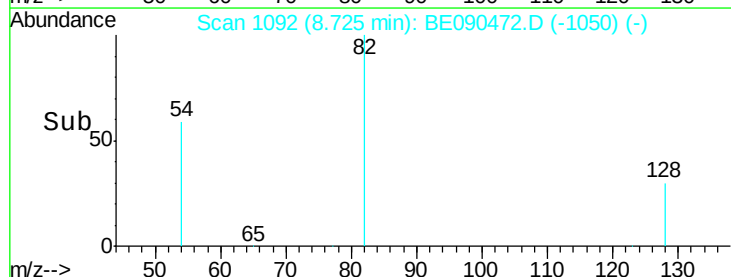
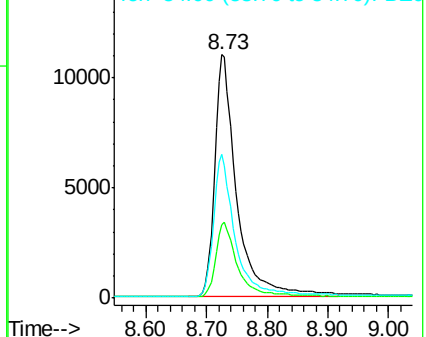
54 59.3 48.8 73.2

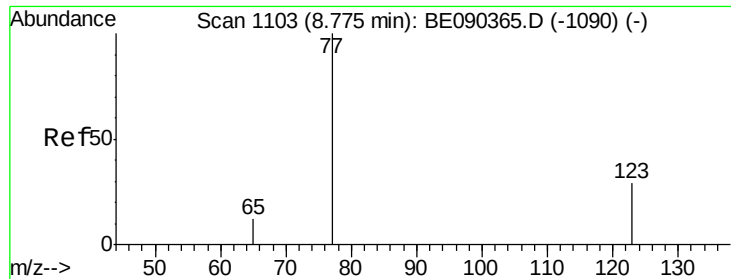


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

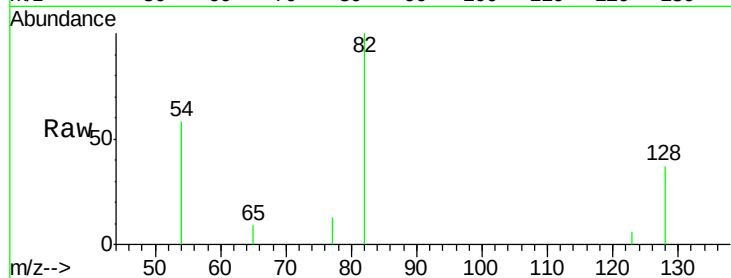




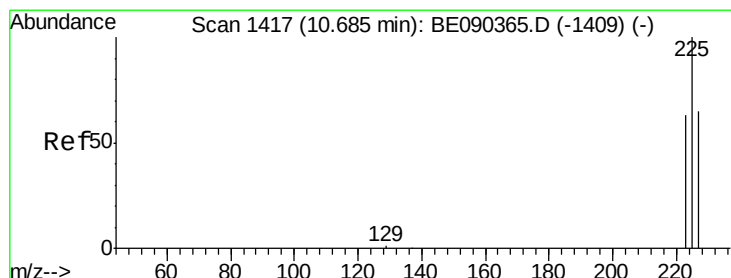
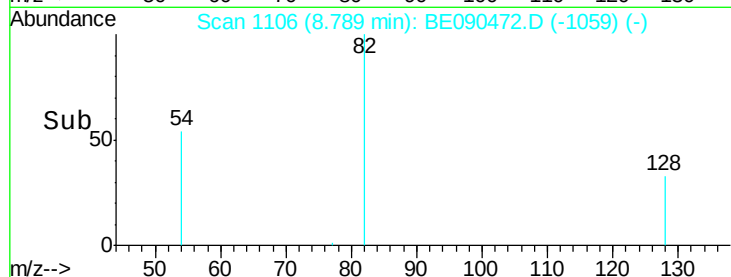
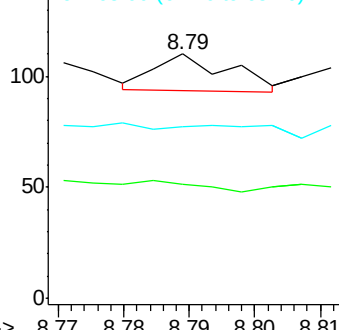
#8
 Nitrobenzene
 Concen: 0.21 ng
 RT: 8.79 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BE090472.D
 Acq: 12 Aug 2015 18:07

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 77 Resp: 13
 Ion Ratio Lower Upper
 77 100
 123 15.4 25.1 37.7#
 65 15.4 9.3 13.9#

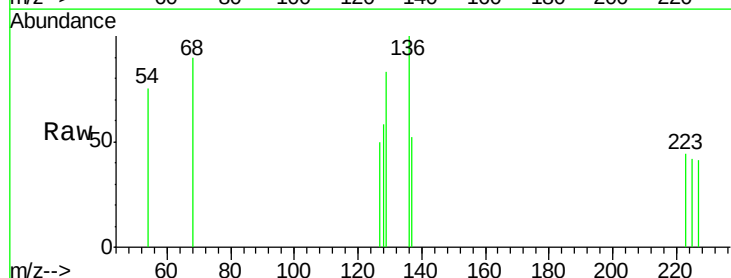


Abundance Ion 77.00 (76.70 to 77.70): BE0
 Ion 123.00 (122.70 to 123.70): BE0
 Ion 65.00 (64.70 to 65.70): BE0

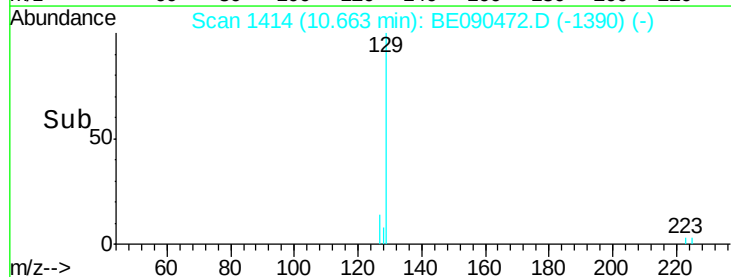
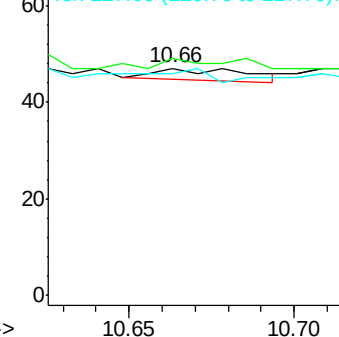


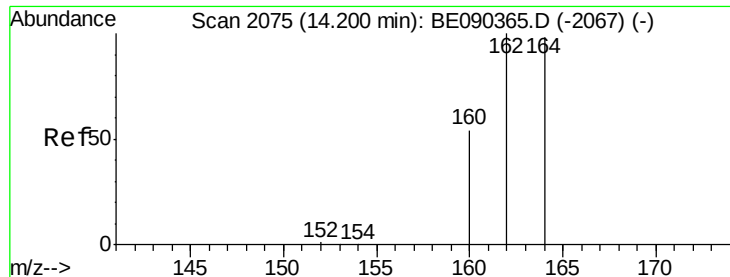
#10
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 10.66 min Scan# 1414
 Delta R.T. -0.02 min
 Lab File: BE090472.D
 Acq: 12 Aug 2015 18:07

Tgt Ion: 225 Resp: 5
 Ion Ratio Lower Upper
 225 100
 223 60.0 50.6 75.8
 227 20.0 50.7 76.1#



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

Instrument :

BNA_E

ClientSampled :

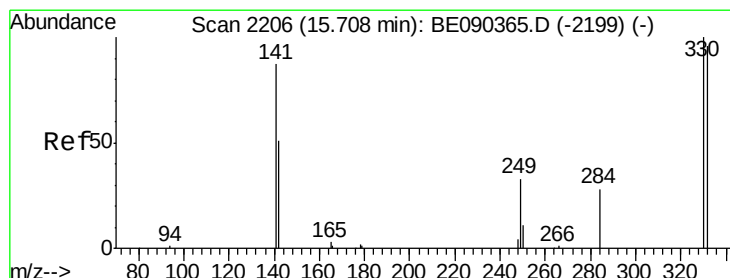
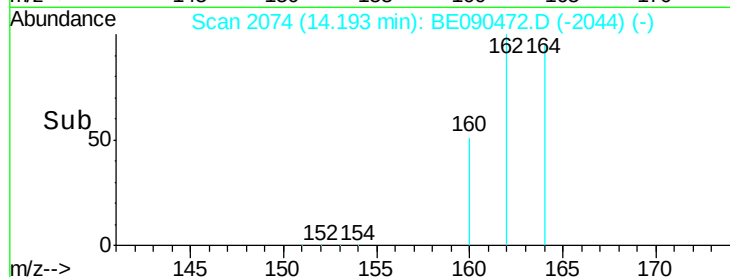
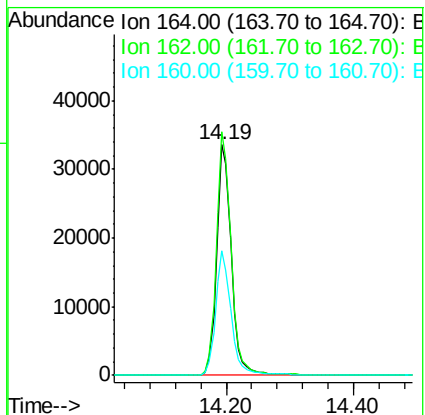
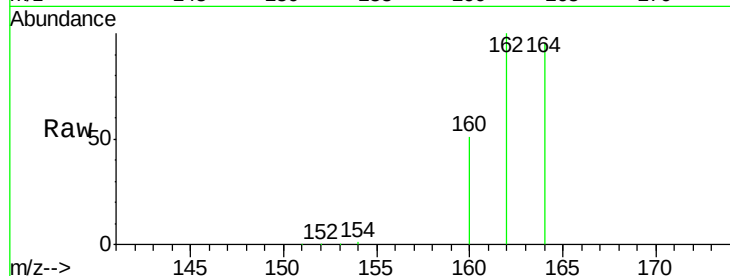
Tot Ion:164 Resp: 53356

Ion Ratio Lower Upper

164 100

162 105.7 81.8 122.8

160 54.0 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 9.83 ng

RT: 15.69 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

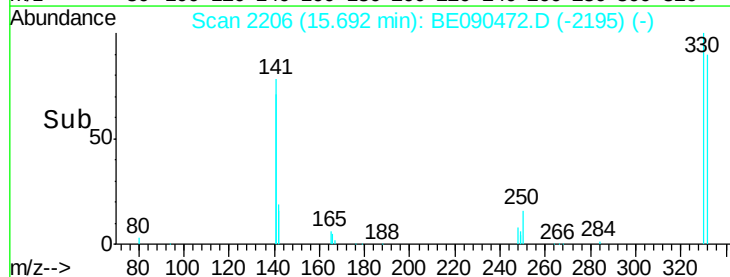
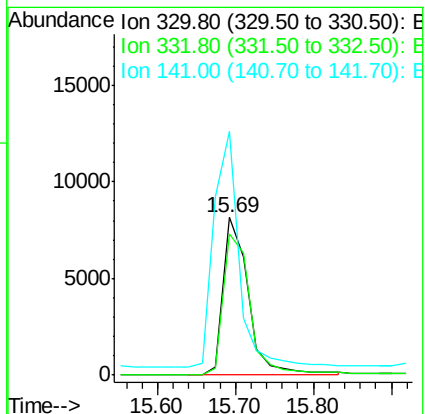
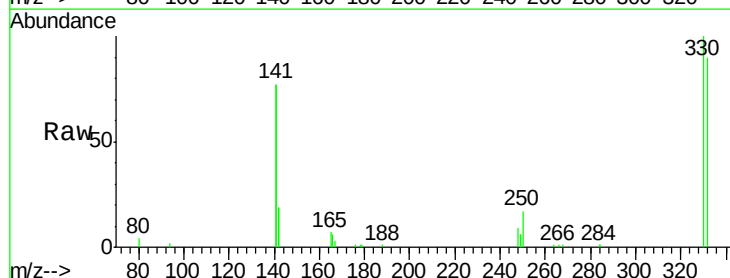
Tgt Ion:330 Resp: 17813

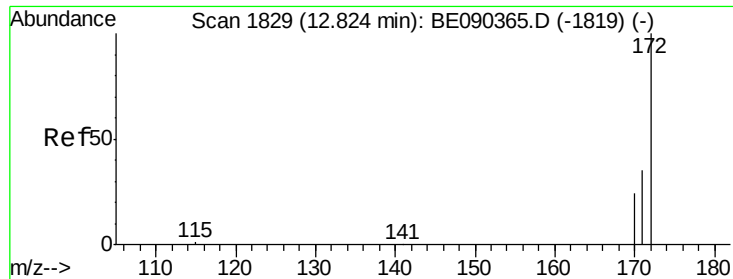
Ion Ratio Lower Upper

330 100

332 95.6 75.8 113.6

141 153.4 114.4 171.6

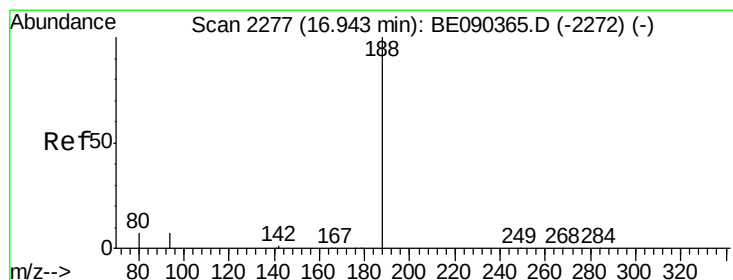
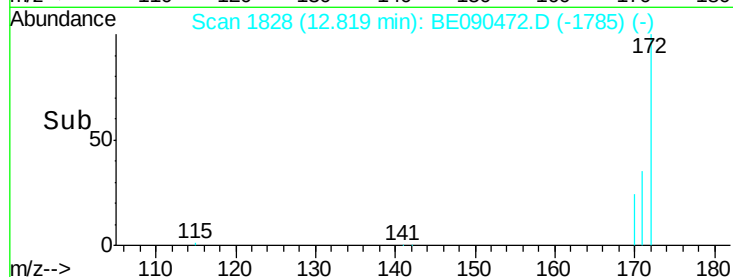
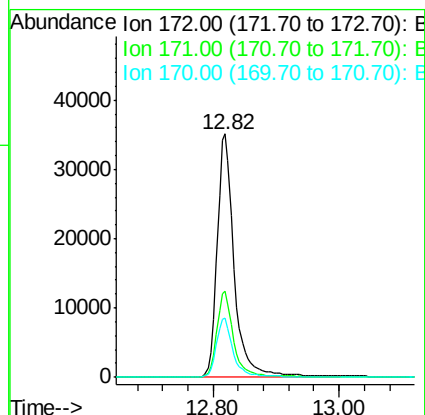
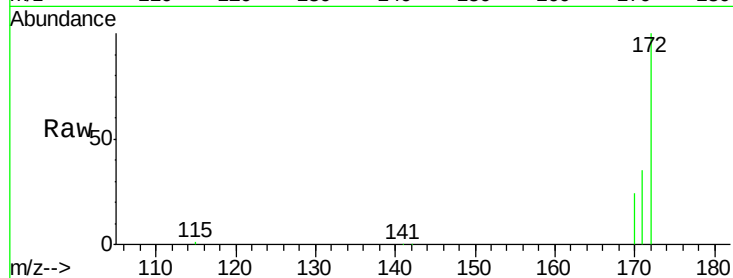




#14
2-Fluorobiphenyl
Concen: 4.45 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090472.D
Acq: 12 Aug 2015 18:07

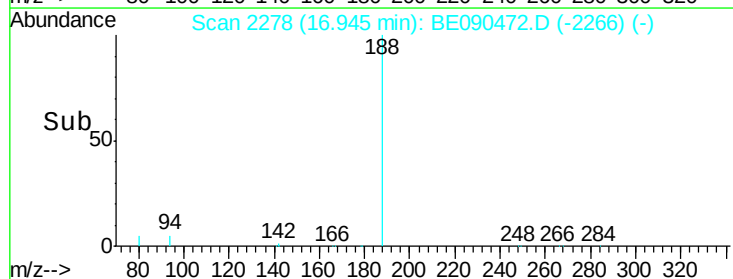
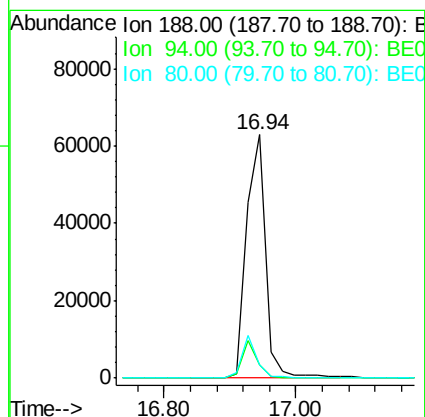
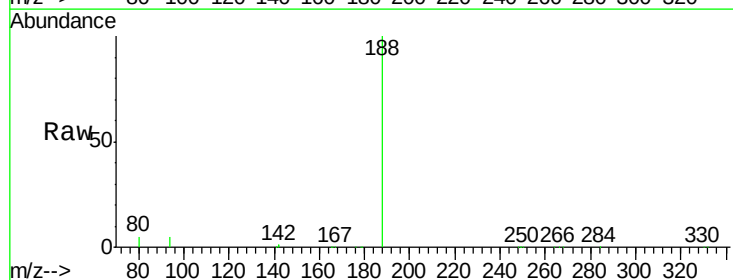
Instrument :
BNA_E
ClientSampleId :

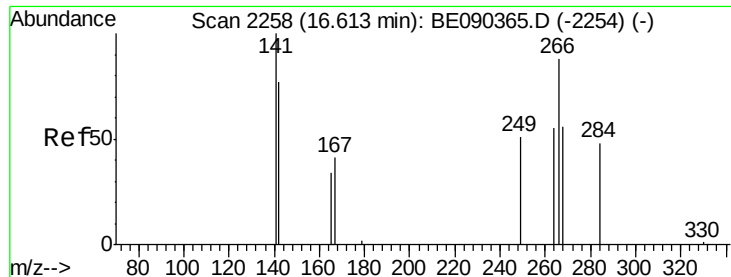
Tot Ion:172 Resp: 65288
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 24.1 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090472.D
Acq: 12 Aug 2015 18:07

Tgt Ion:188 Resp: 125701
Ion Ratio Lower Upper
188 100
94 5.3 5.7 8.5#
80 5.4 5.8 8.8#

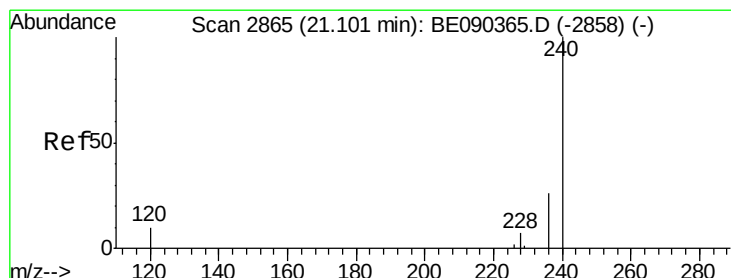
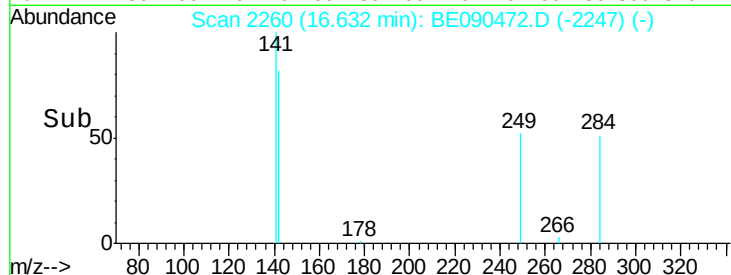
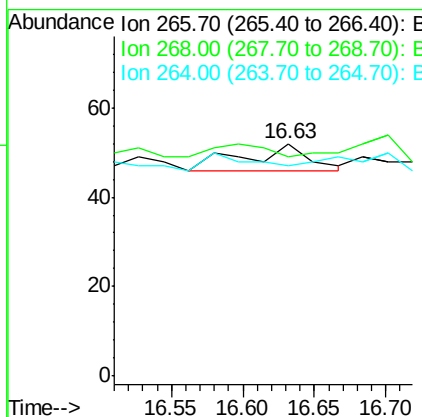
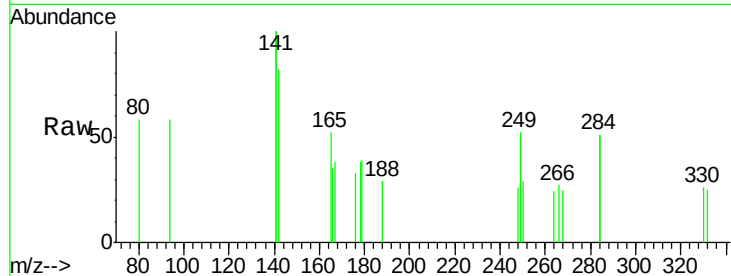




#21
 Pentachlorophenol
 Concen: 0.11 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. 0.02 min
 Lab File: BE090472.D
 Acq: 12 Aug 2015 18:07

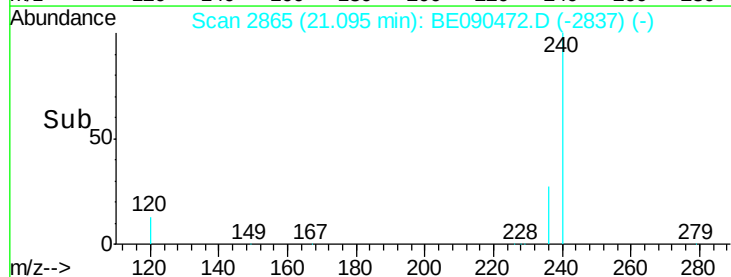
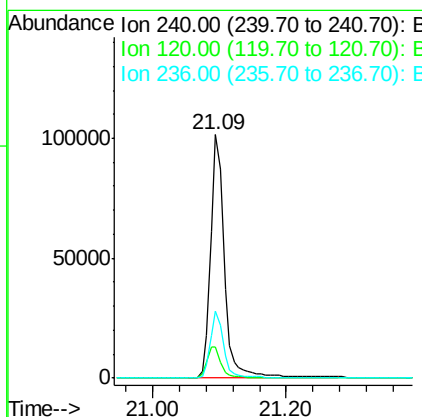
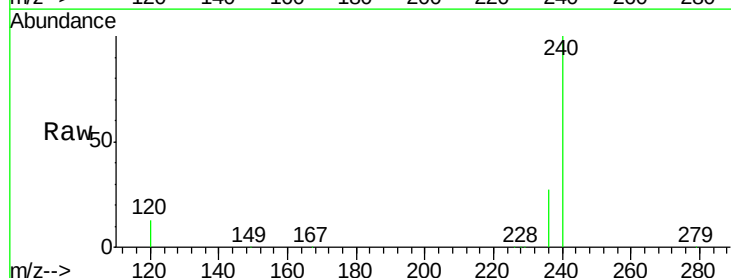
Instrument :
 BNA_E
 ClientSampleId :

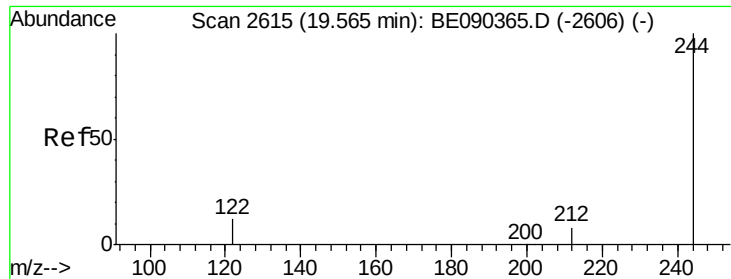
Tot Ion:266 Resp: 19
 Ion Ratio Lower Upper
 266 100
 268 94.2 58.5 87.7#
 264 90.4 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BE090472.D
 Acq: 12 Aug 2015 18:07

Tgt Ion:240 Resp: 144161
 Ion Ratio Lower Upper
 240 100
 120 12.8 8.3 12.5#
 236 27.3 21.0 31.4





#27

Terphenyl-d14

Concen: 5.81 ng

RT: 19.55 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

Instrument :

BNA_E

ClientSampled :

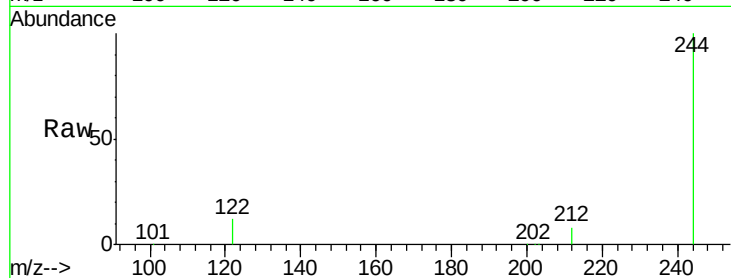
Tot Ion:244 Resp: 123297

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

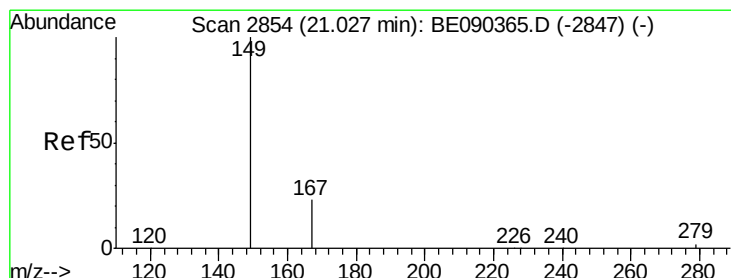
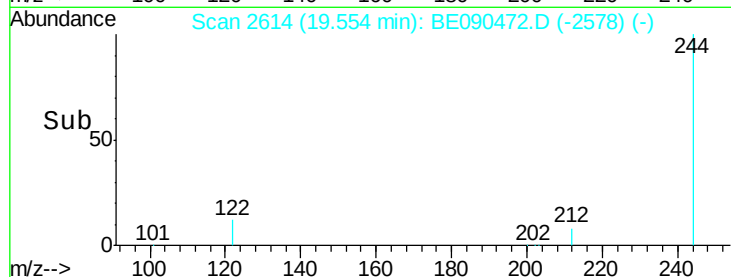
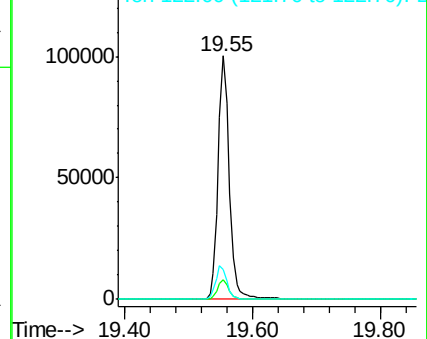
122 12.5 10.2 15.4



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.54 ng

RT: 21.03 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

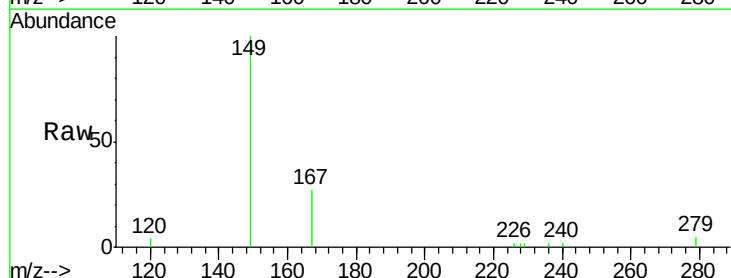
Tgt Ion:149 Resp: 3338

Ion Ratio Lower Upper

149 100

167 25.0 19.8 29.8

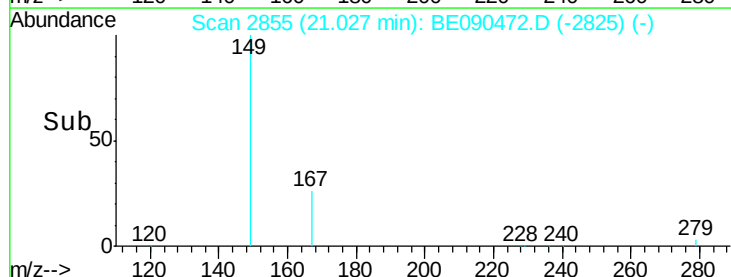
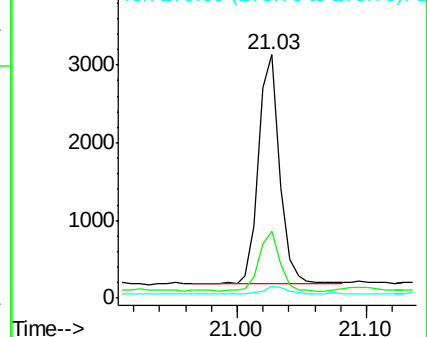
279 3.5 2.4 3.6

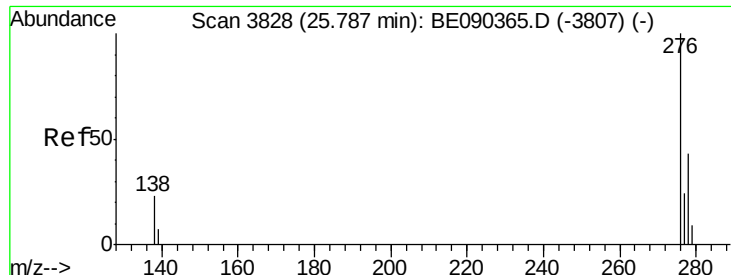


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

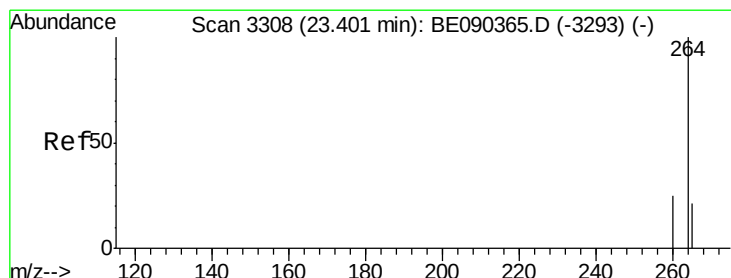
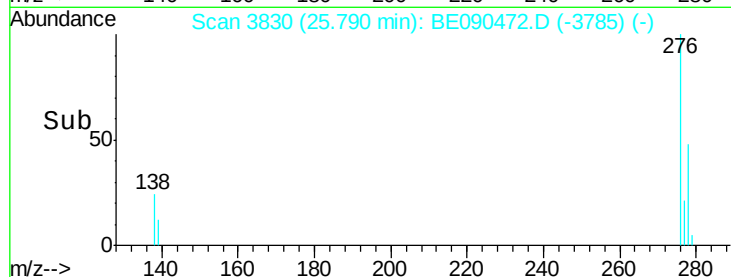
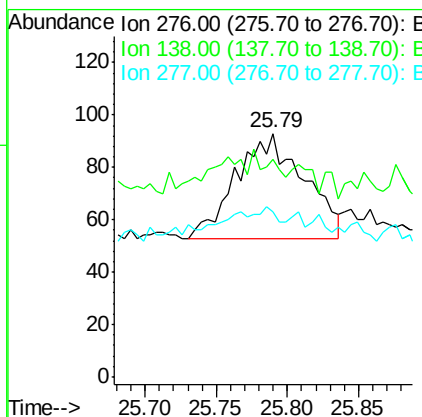
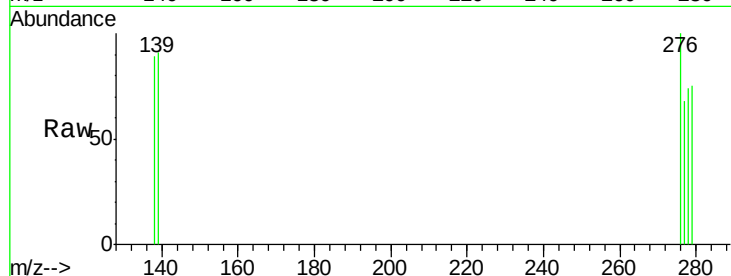




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.26 ng
 RT: 25.79 min Scan# 3830
 Delta R.T. 0.00 min
 Lab File: BE090472.D
 Acq: 12 Aug 2015 18:07

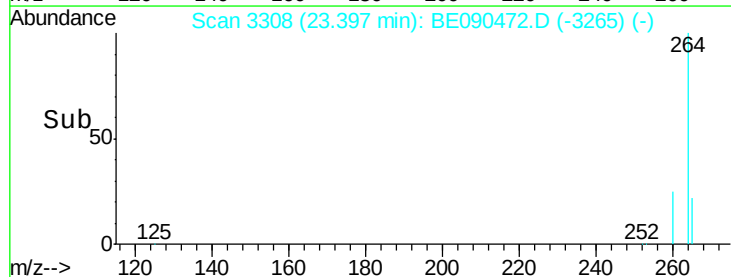
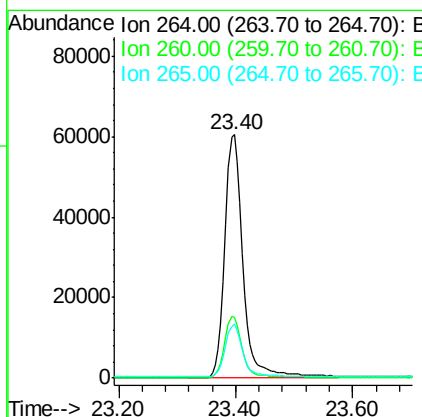
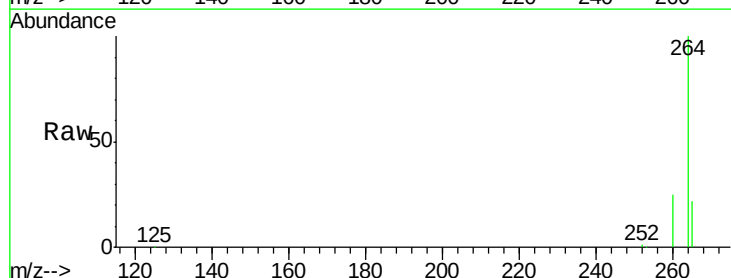
Instrument :
 BNA_E
 ClientSampleId :

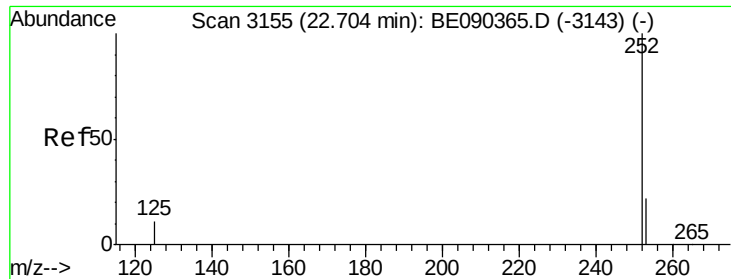
Tot Ion:276 Resp: 132
 Ion Ratio Lower Upper
 276 100
 138 0.0 18.8 28.2#
 277 3.8 18.2 27.4#



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: BE090472.D
 Acq: 12 Aug 2015 18:07

Tgt Ion:264 Resp: 129960
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.1 30.1
 265 22.1 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 0.20 ng

RT: 22.71 min Scan# 3156

Delta R.T. 0.00 min

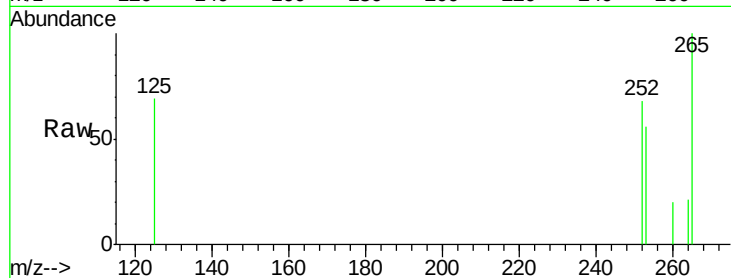
Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

Instrument :

BNA_E

ClientSampleId :



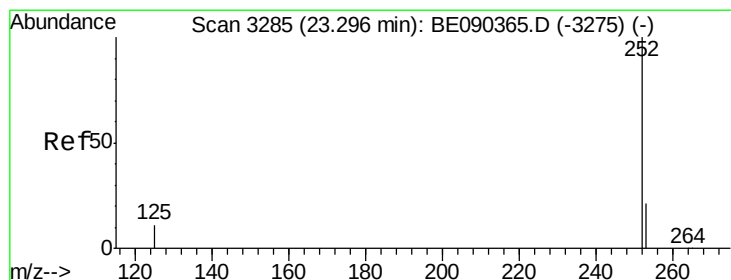
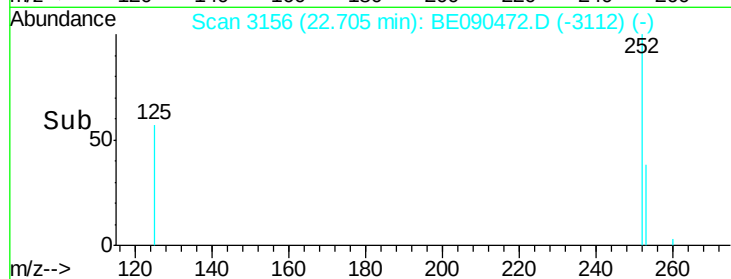
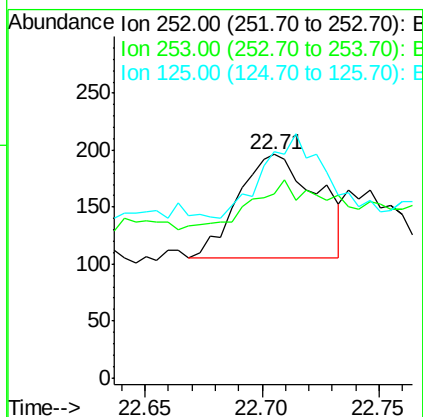
Tot Ion:252 Resp: 214

Ion Ratio Lower Upper

252 100

253 82.7 18.1 27.1#

125 101.5 9.4 14.2#



#35

Benzo(a)pyrene

Concen: 0.23 ng

RT: 23.30 min Scan# 3286

Delta R.T. 0.00 min

Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

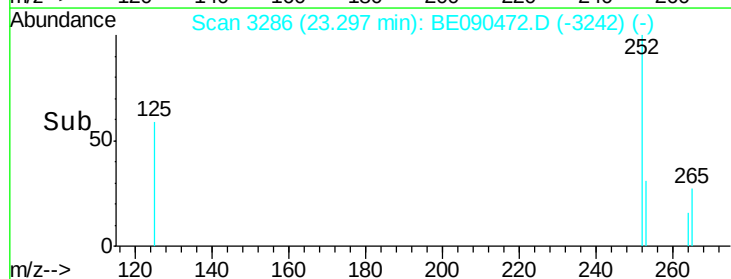
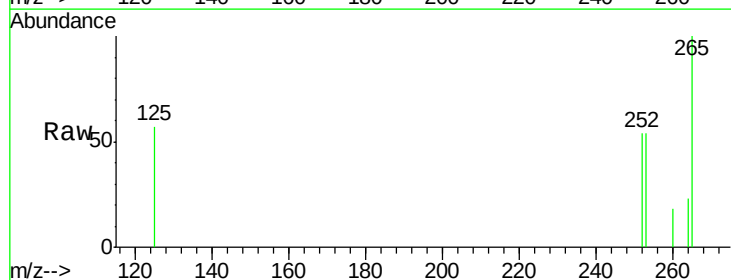
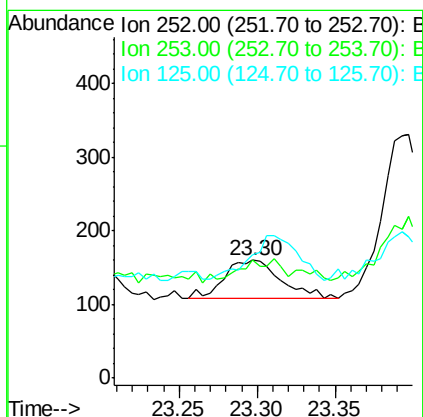
Tgt Ion:252 Resp: 132

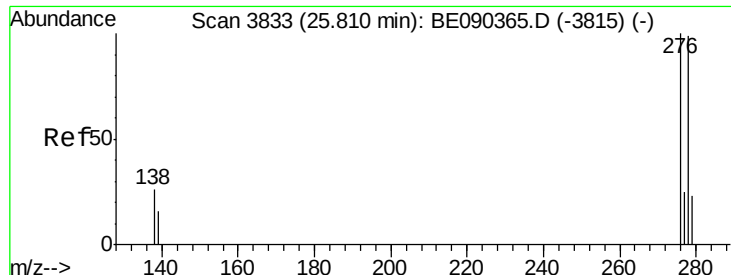
Ion Ratio Lower Upper

252 100

253 100.0 17.6 26.4#

125 105.0 9.8 14.6#





#36

Dibenzo(a,h)anthracene

Concen: 0.29 ng

RT: 25.81 min Scan# 3834

Delta R.T. -0.00 min

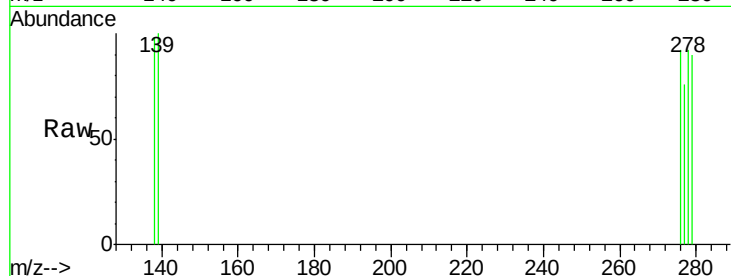
Lab File: BE090472.D

Acq: 12 Aug 2015 18:07

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 278 Resp: 54

Ion Ratio Lower Upper

278 100

139 109.2 14.2 21.4#

279 98.7 20.1 30.1#

