

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081315\
 Data File : BE090500.D
 Acq On : 13 Aug 2015 14:13
 Operator : UM/IZ
 Sample : G3213-04
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 15:11:43 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

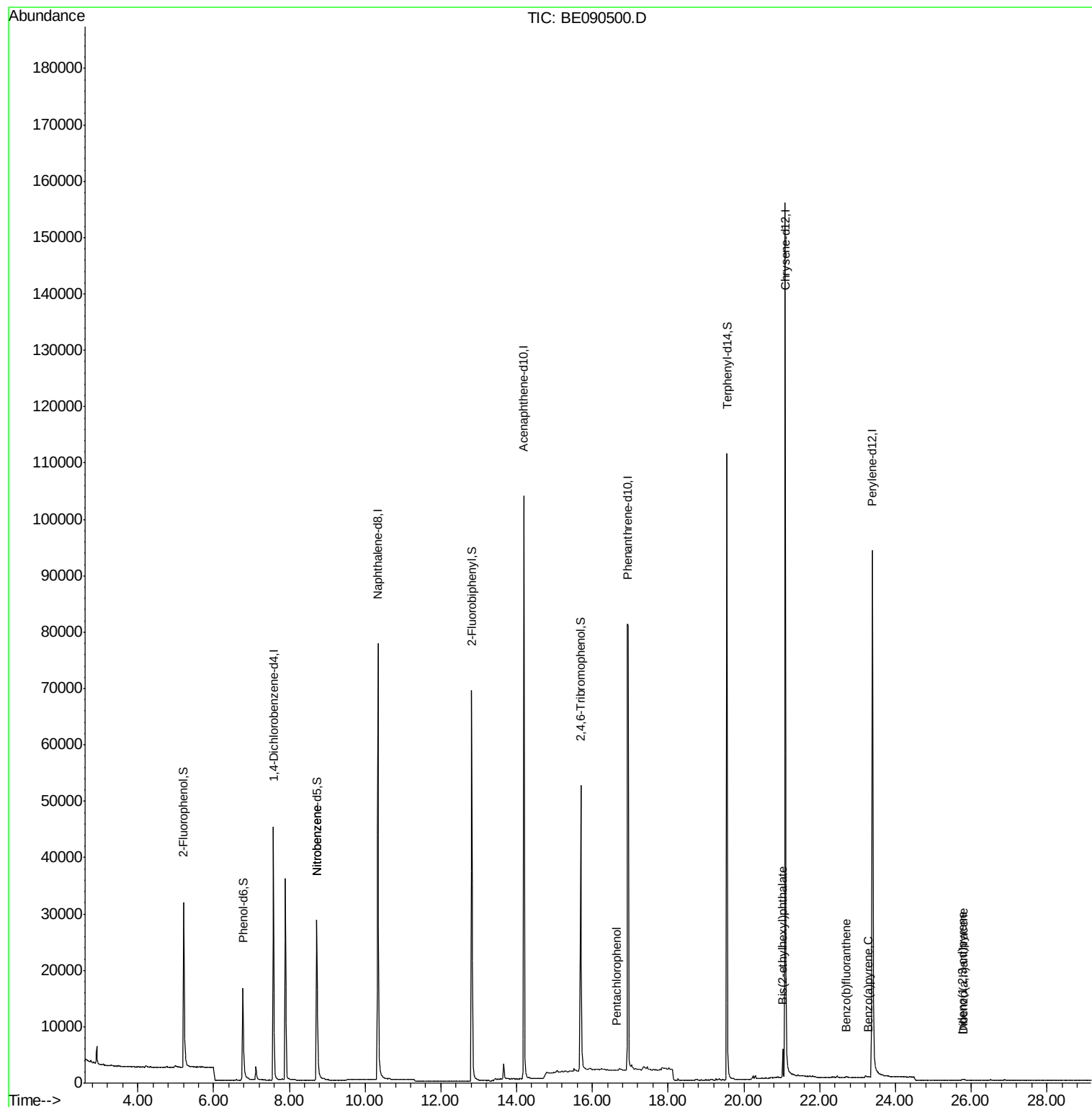
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23187	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	114766	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	62417	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	139444	5.00	ng	0.00
25) Chrysene-d12	21.09	240	147331	5.00	ng	0.00
32) Perylene-d12	23.40	264	135746	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	25325	7.28	ng	0.00
5) Phenol-d6	6.77	99	23620	3.28	ng	0.00
7) Nitrobenzene-d5	8.73	82	34567	3.75	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	23014	10.49	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	71972	4.19	ng	0.00
27) Terphenyl-d14	19.55	244	115765	5.33	ng	-0.01
Target Compounds						
8) Nitrobenzene	8.73	77	103	0.22	ng	# 34
10) Hexachlorobutadiene	10.66	225	2	Below Cal		# 1
21) Pentachlorophenol	16.63	266	24	0.12	ng	# 70
30) Bis(2-ethylhexyl)phthalate	21.03	149	4281	0.64	ng	# 97
31) Indeno(1,2,3-cd)pyrene	25.78	276	390	0.26	ng	# 83
33) Benzo(b)fluoranthene	22.70	252	205	0.20	ng	# 1
35) Benzo(a)pyrene	23.29	252	204	0.23	ng	# 1
36) Dibenzo(a,h)anthracene	25.79	278	306	0.29	ng	# 1

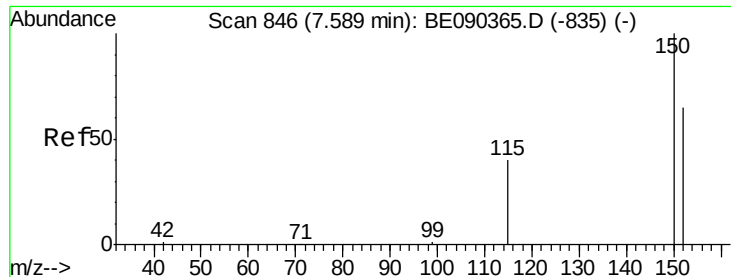
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration



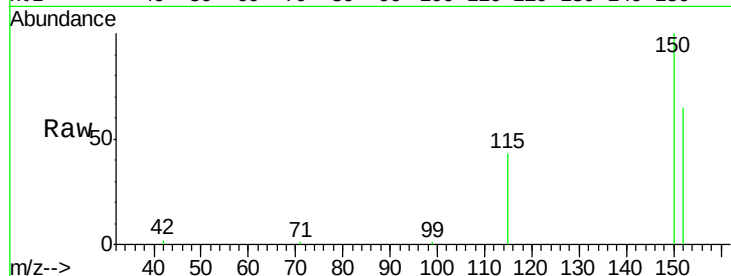


#1

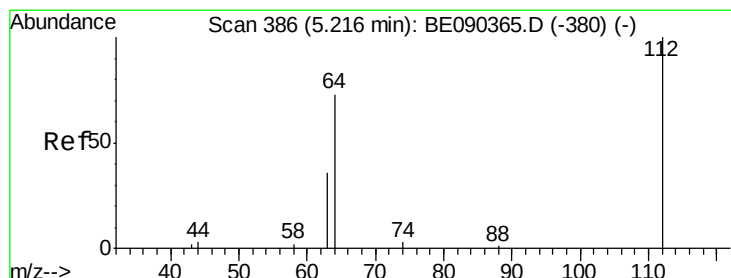
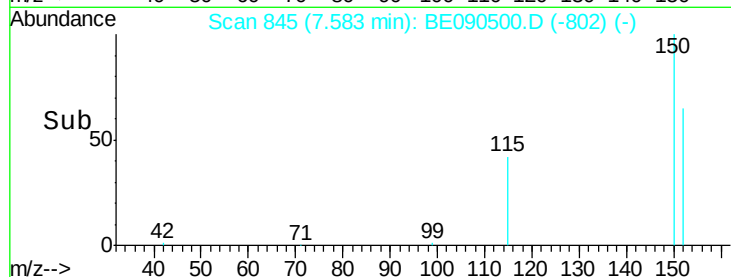
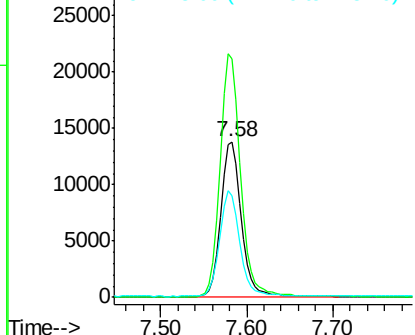
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090500.D
Acq: 13 Aug 2015 14:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 23187
Ion Ratio Lower Upper
152 100
150 153.7 123.0 184.4
115 65.5 48.9 73.3



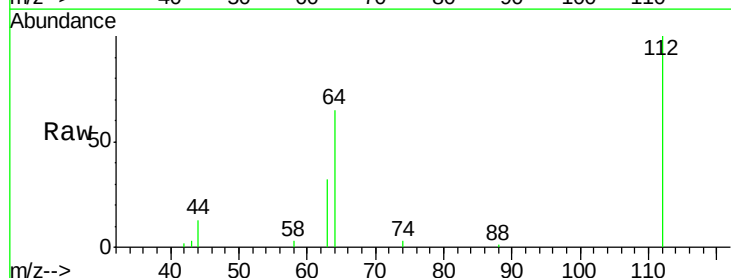
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



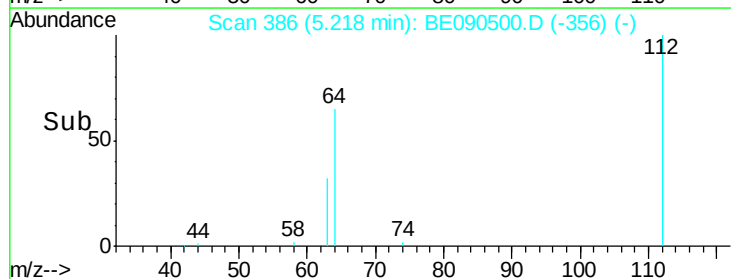
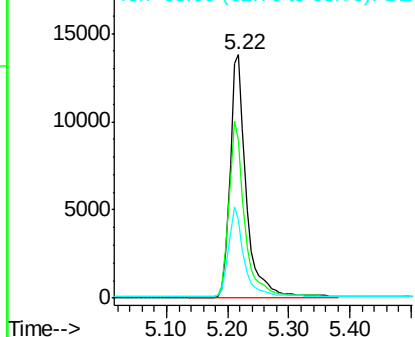
#4

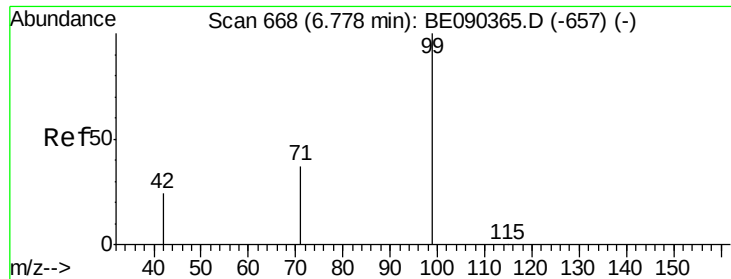
2-Fluorophenol
Concen: 7.28 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090500.D
Acq: 13 Aug 2015 14:13

Tgt Ion:112 Resp: 25325
Ion Ratio Lower Upper
112 100
64 70.8 37.1 55.7#
63 36.1 19.5 29.3#



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: 3.28 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090500.D

Acq: 13 Aug 2015 14:13

Instrument :

BNA_E

ClientSampleId :

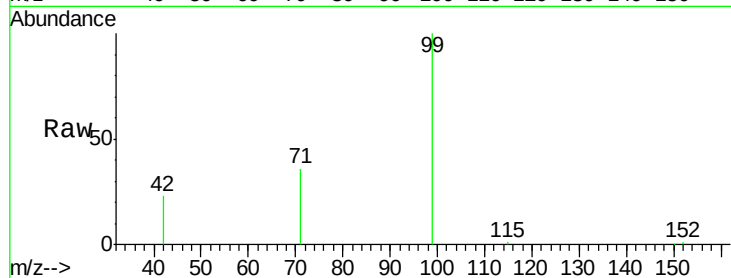
Tot Ion: 99 Resp: 23620

Ion Ratio Lower Upper

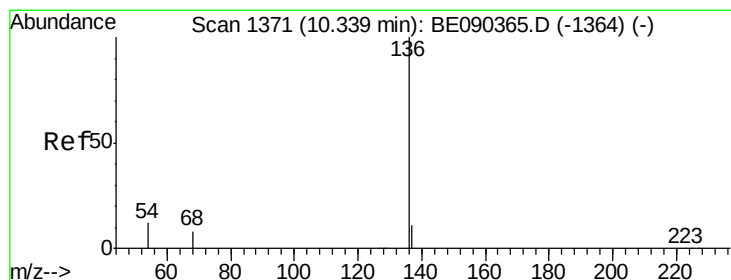
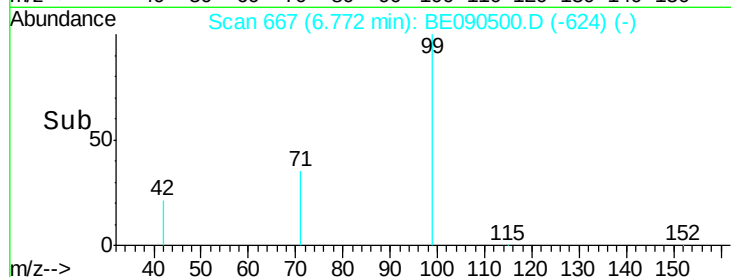
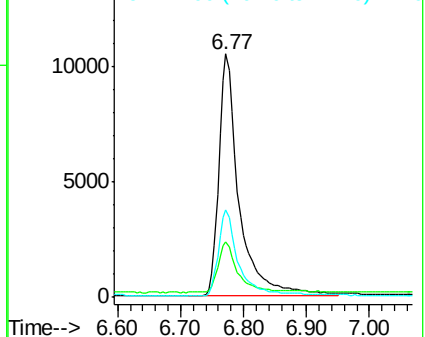
99 100

42 20.3 18.2 27.4

71 34.3 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: BE090500.D

Acq: 13 Aug 2015 14:13

Tgt Ion: 136 Resp: 114766

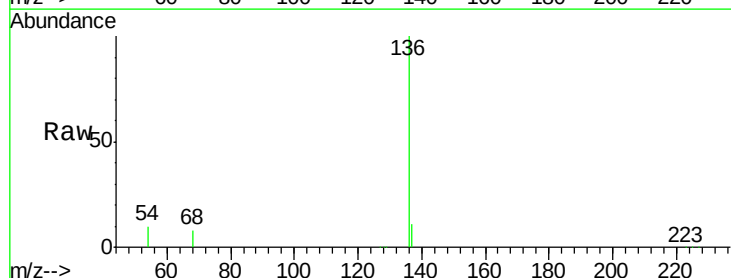
Ion Ratio Lower Upper

136 100

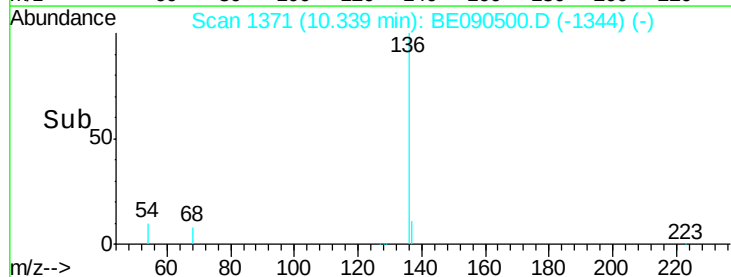
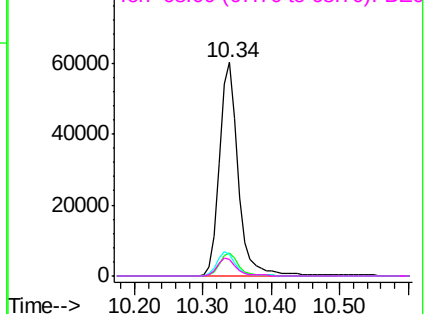
137 11.0 8.7 13.1

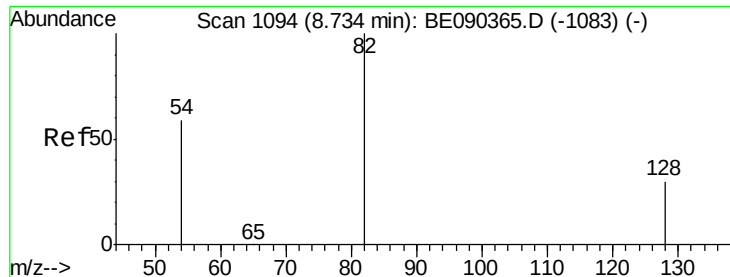
54 10.3 9.4 14.0

68 7.7 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: BE090500.D

Acq: 13 Aug 2015 14:13

Instrument :

BNA_E

ClientSampled :

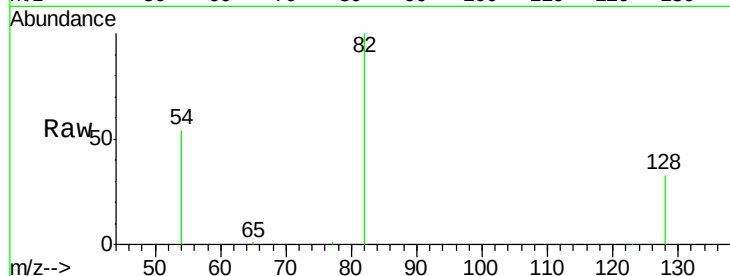
Tot Ion: 82 Resp: 34567

Ion Ratio Lower Upper

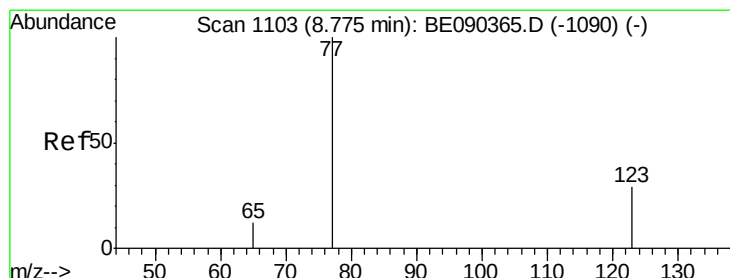
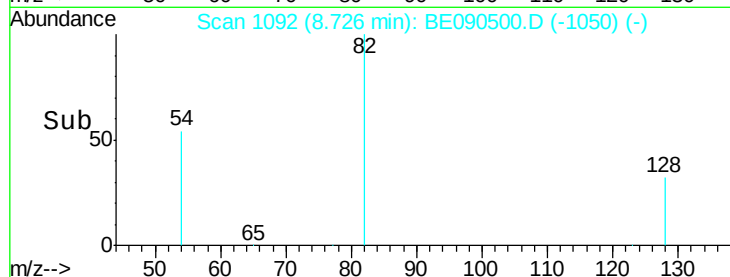
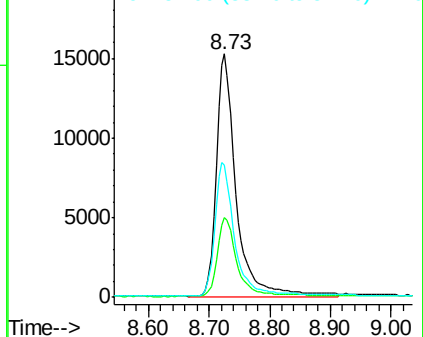
82 100

128 32.5 25.0 37.6

54 54.3 48.8 73.2



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: 0.22 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE090500.D

Acq: 13 Aug 2015 14:13

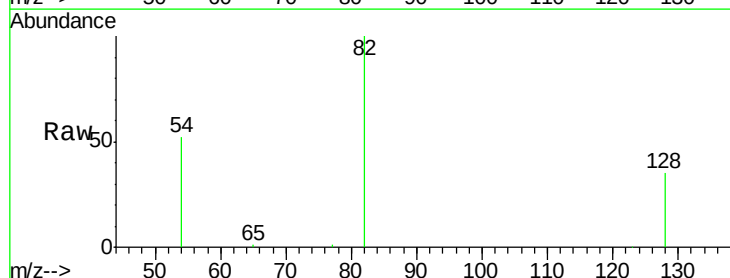
Tgt Ion: 77 Resp: 103

Ion Ratio Lower Upper

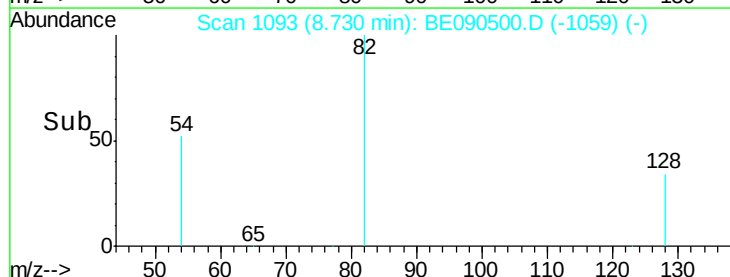
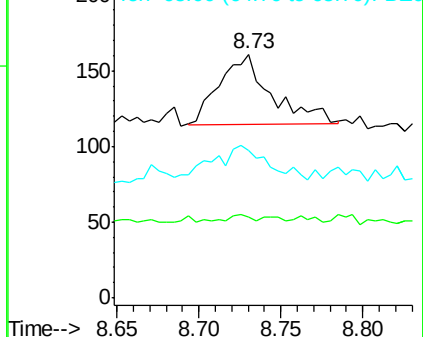
77 100

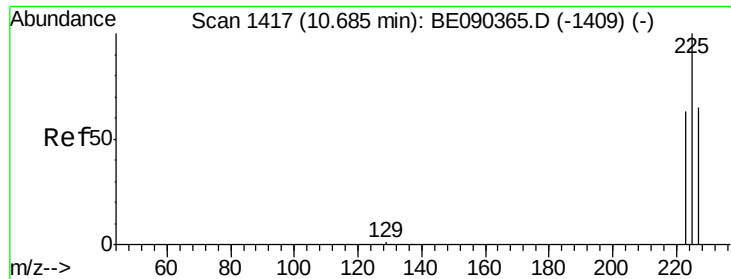
123 4.9 25.1 37.7#

65 56.3 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

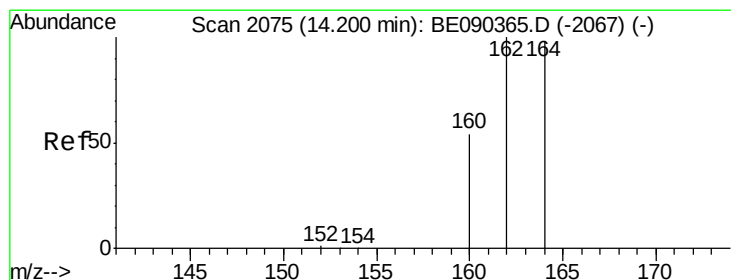
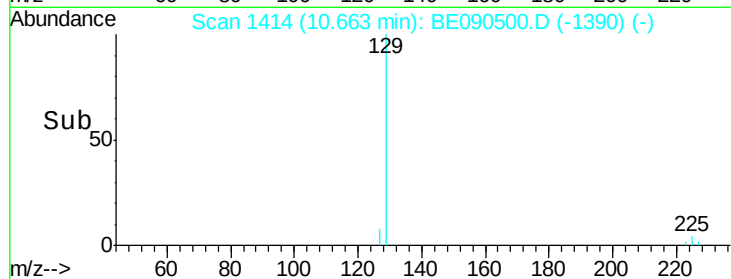
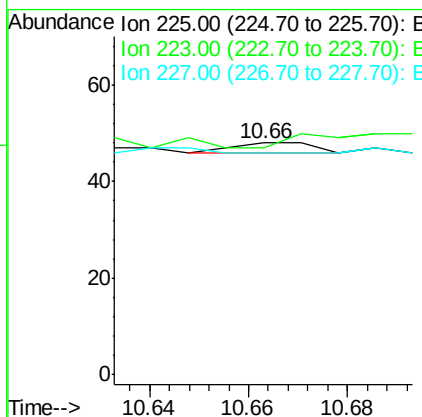
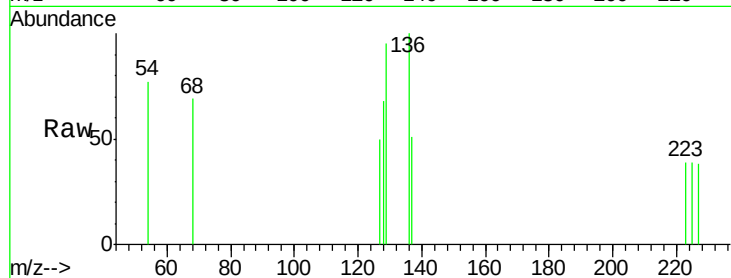




#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.66 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BE090500.D
Acq: 13 Aug 2015 14:13

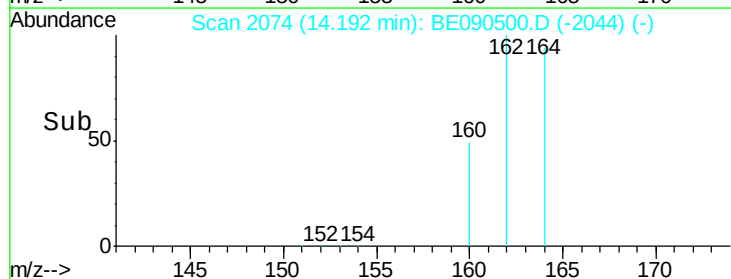
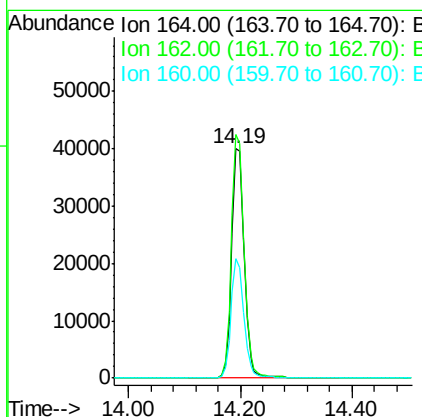
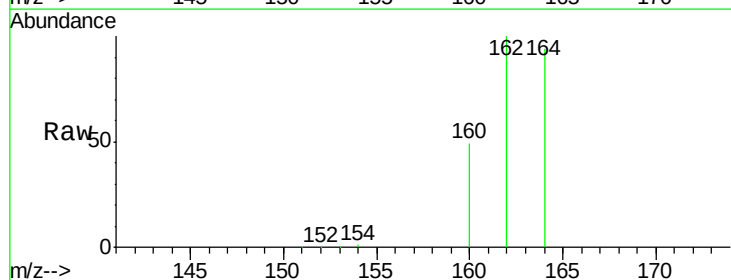
Instrument :
BNA_E
ClientSampleId :

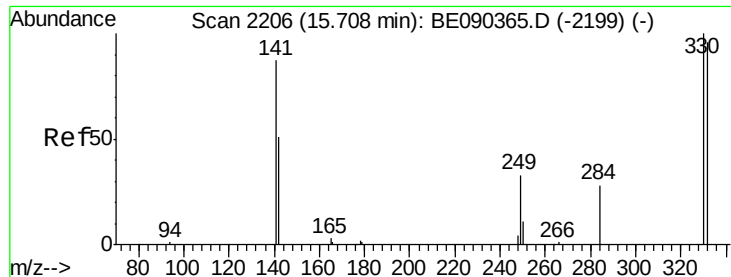
Tot Ion:225 Resp: 2
Ion Ratio Lower Upper
225 100
223 250.0 50.6 75.8#
227 0.0 50.7 76.1#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090500.D
Acq: 13 Aug 2015 14:13

Tgt Ion:164 Resp: 62417
Ion Ratio Lower Upper
164 100
162 106.3 81.8 122.8
160 52.2 44.2 66.4

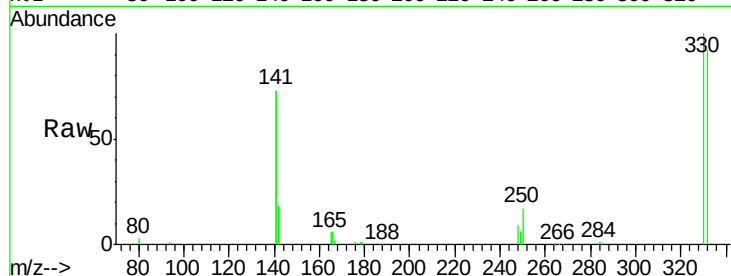




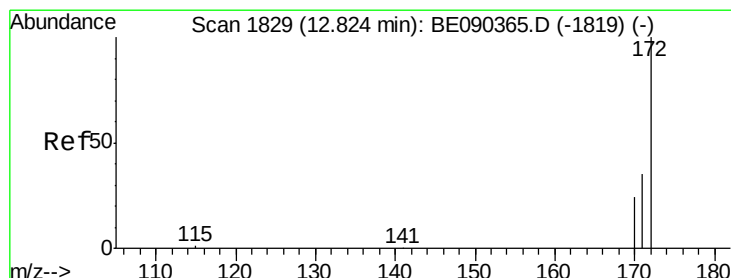
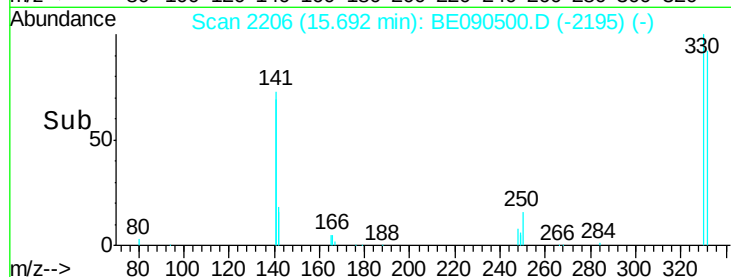
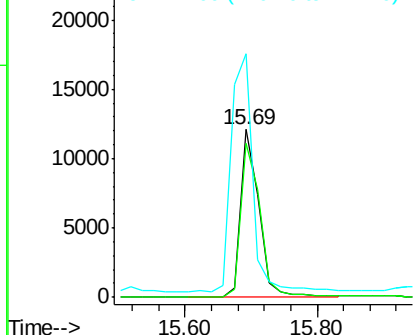
#13
 2,4,6-Tribromophenol
 Concen: 10.49 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090500.D
 Acq: 13 Aug 2015 14:13

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 23014
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.8 113.6
 141 168.3 114.4 171.6

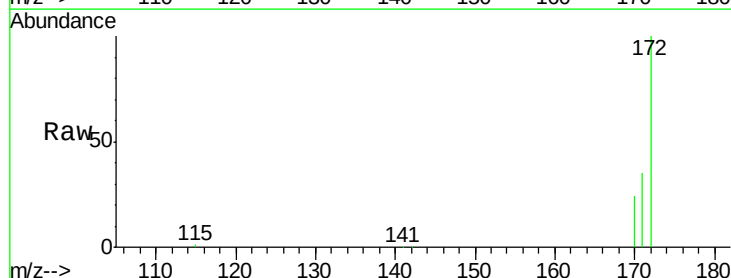


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

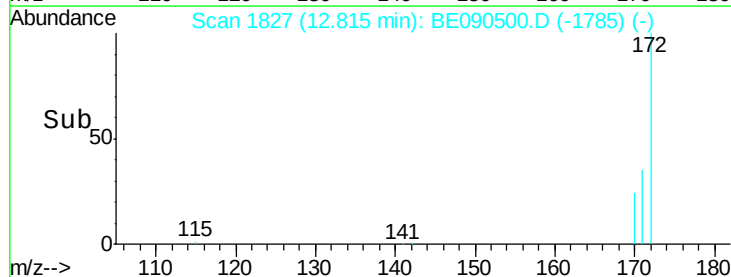
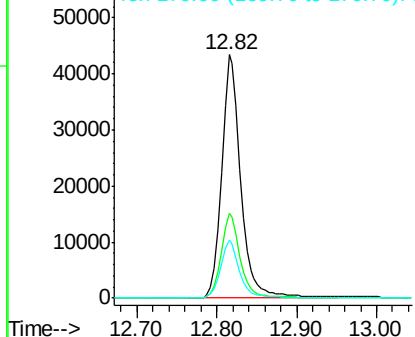


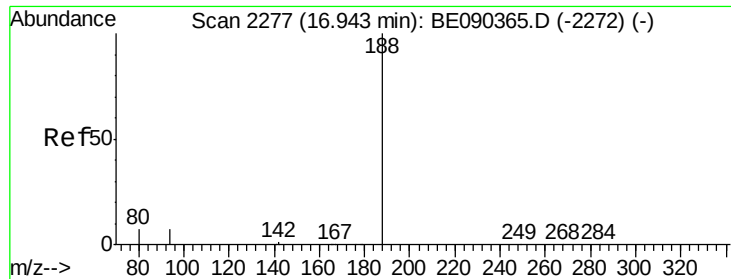
#14
 2-Fluorobiphenyl
 Concen: 4.19 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE090500.D
 Acq: 13 Aug 2015 14:13

Tgt Ion:172 Resp: 71972
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 24.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090500.D

Acq: 13 Aug 2015 14:13

Instrument :

BNA_E

ClientSampleId :

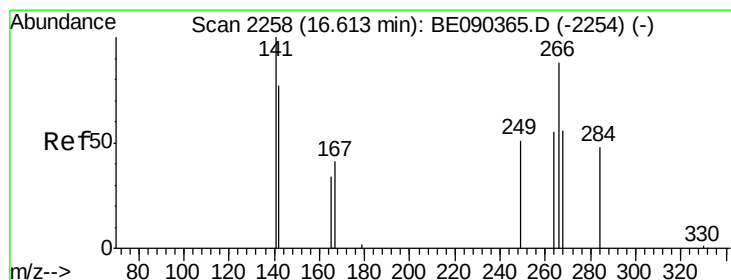
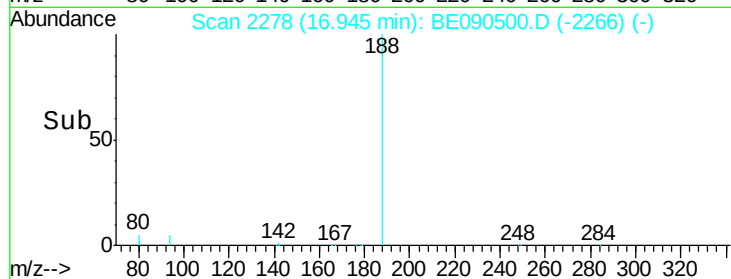
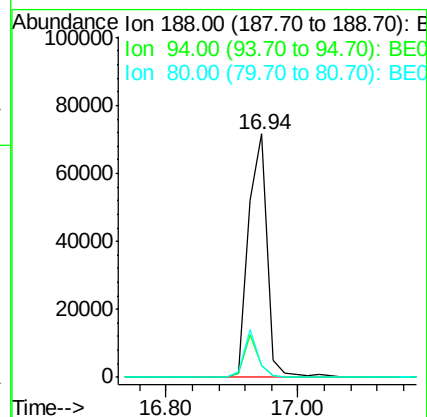
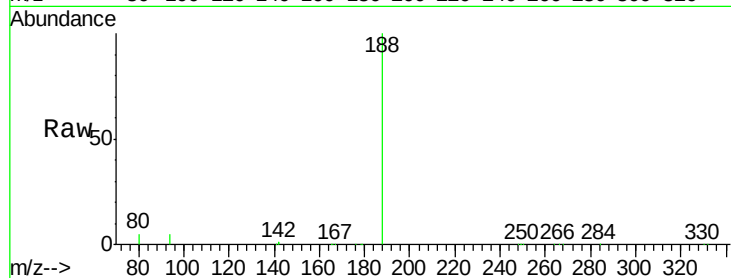
Tot Ion:188 Resp: 139444

Ion Ratio Lower Upper

188 100

94 4.9 5.7 8.5#

80 4.9 5.8 8.8#



#21

Pentachlorophenol

Concen: 0.12 ng

RT: 16.63 min Scan# 2260

Delta R.T. 0.02 min

Lab File: BE090500.D

Acq: 13 Aug 2015 14:13

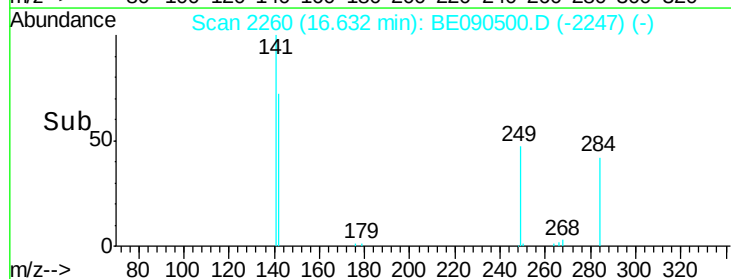
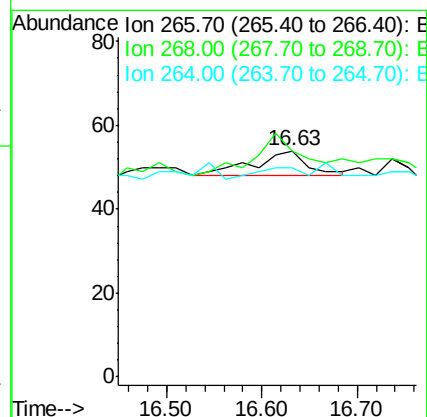
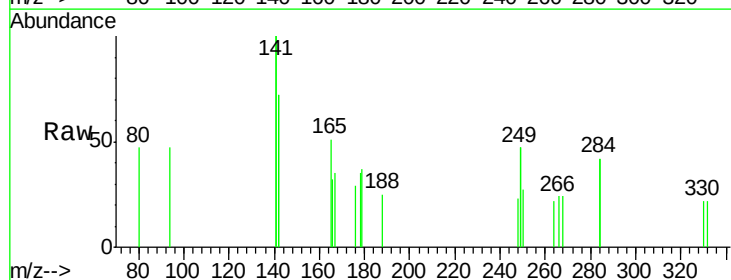
Tgt Ion:266 Resp: 24

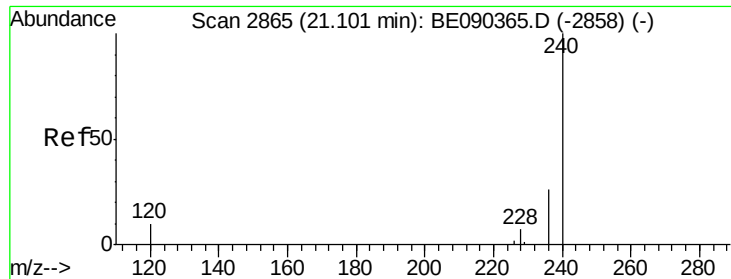
Ion Ratio Lower Upper

266 100

268 100.0 58.5 87.7#

264 92.6 56.0 84.0#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090500.D

Acq: 13 Aug 2015 14:13

Instrument :

BNA_E

ClientSampleId :

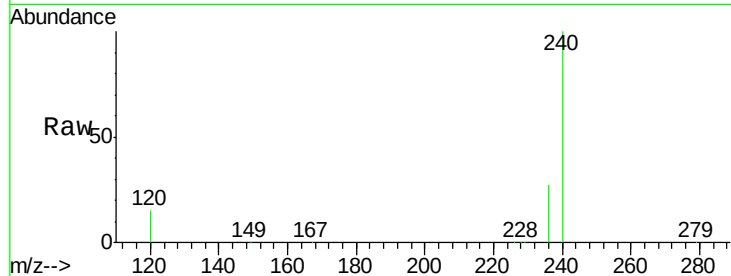
Tot Ion:240 Resp: 147331

Ion Ratio Lower Upper

240 100

120 14.5 8.3 12.5#

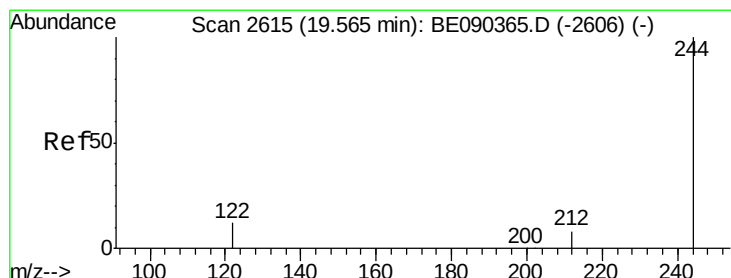
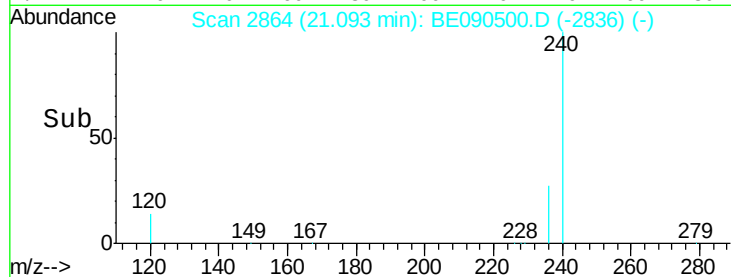
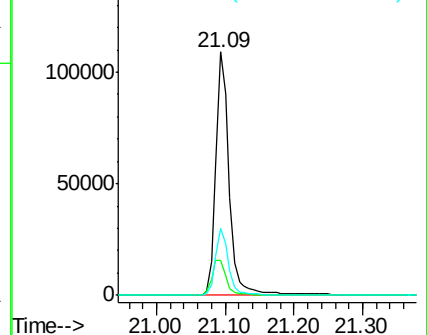
236 27.5 21.0 31.4



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: 5.33 ng

RT: 19.55 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BE090500.D

Acq: 13 Aug 2015 14:13

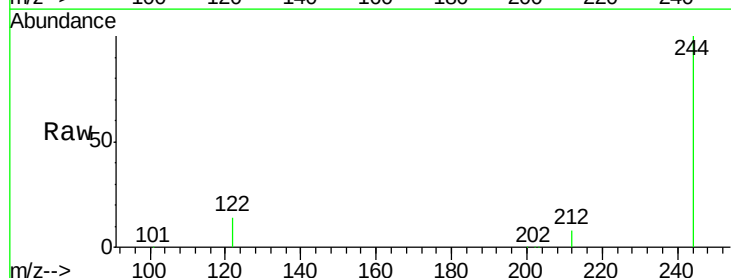
Tgt Ion:244 Resp: 115765

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

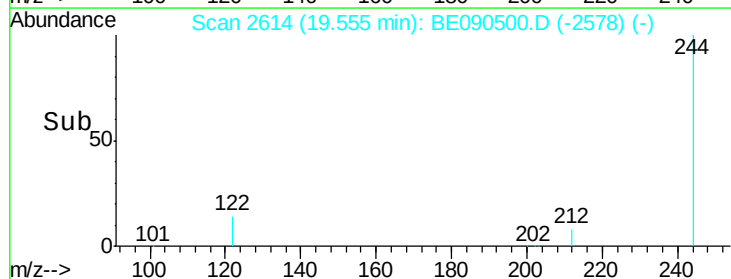
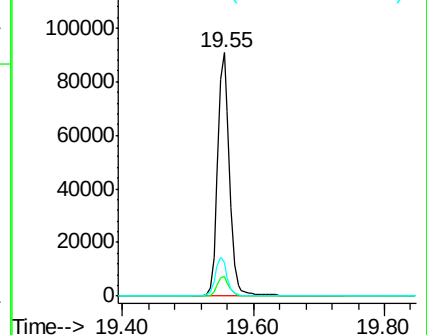
122 13.8 10.2 15.4

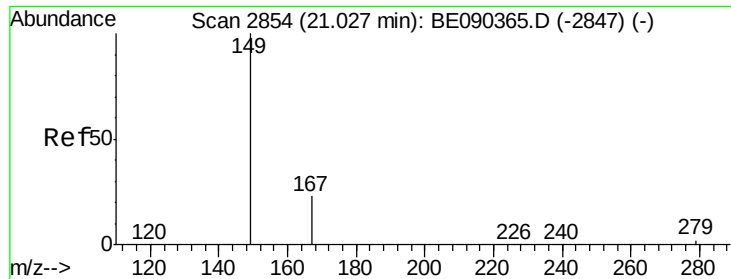


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.64 ng

RT: 21.03 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090500.D

Acq: 13 Aug 2015 14:13

Instrument :

BNA_E

ClientSampleId :

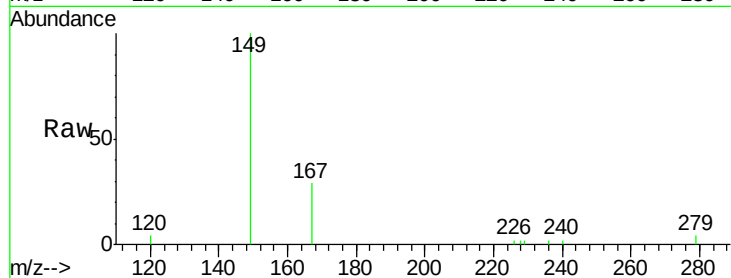
Tot Ion:149 Resp: 4281

Ion Ratio Lower Upper

149 100

167 26.5 19.8 29.8

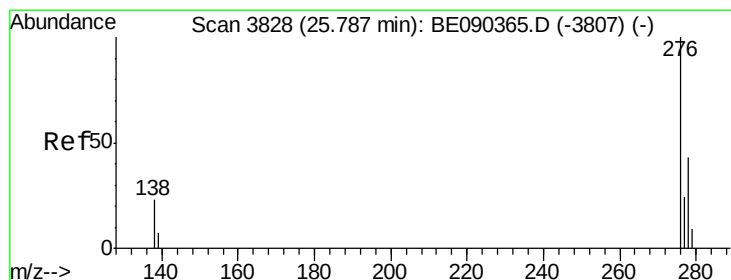
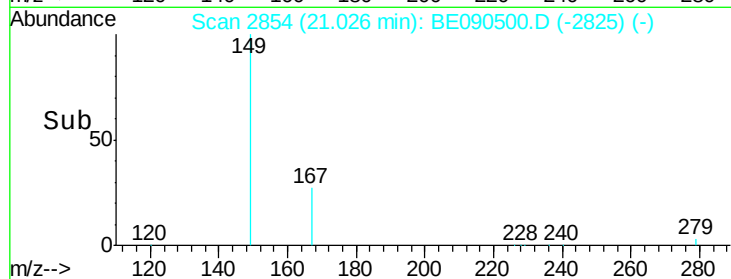
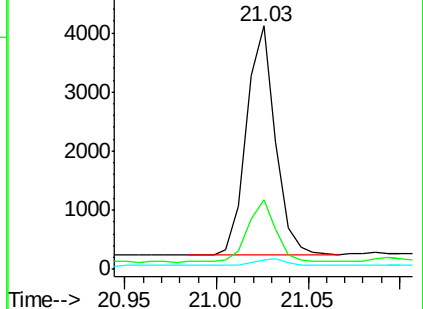
279 3.5 2.4 3.6



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: 25.78 min Scan# 3827

Delta R.T. -0.01 min

Lab File: BE090500.D

Acq: 13 Aug 2015 14:13

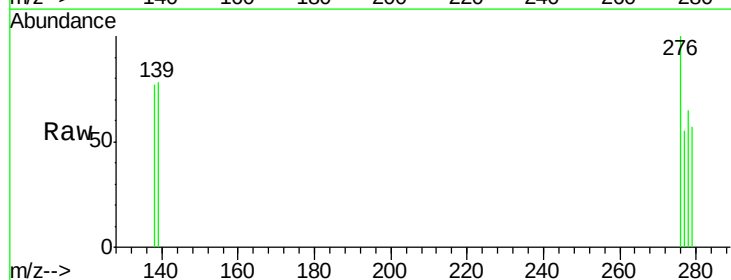
Tgt Ion:276 Resp: 390

Ion Ratio Lower Upper

276 100

138 7.4 18.8 28.2#

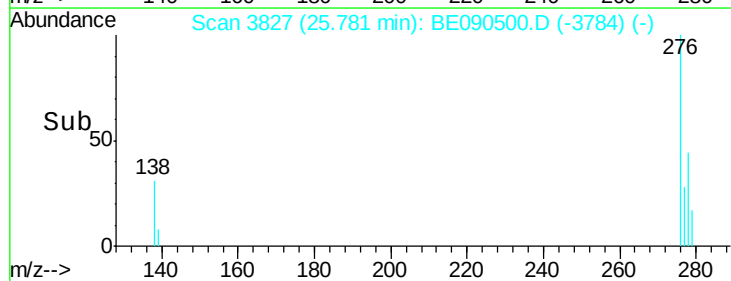
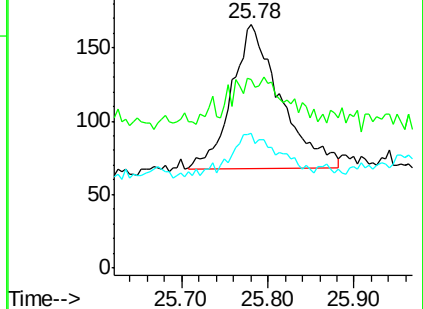
277 23.3 18.2 27.4

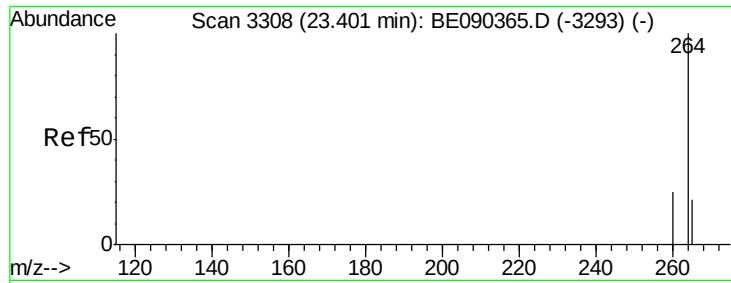


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

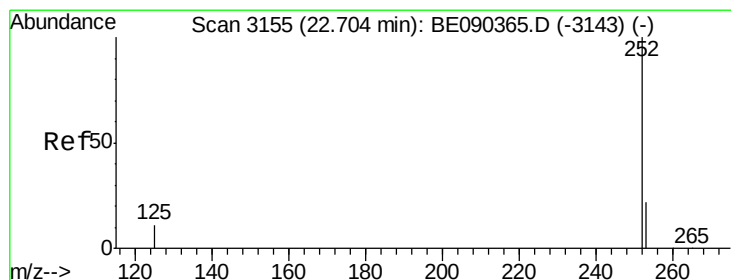
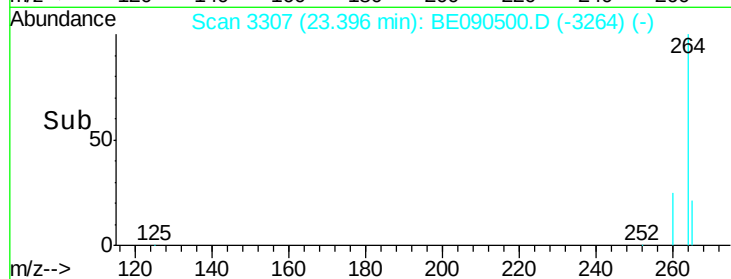
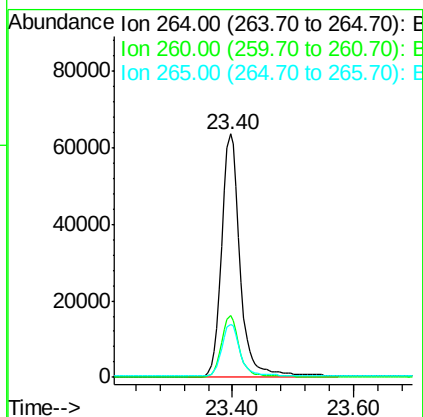
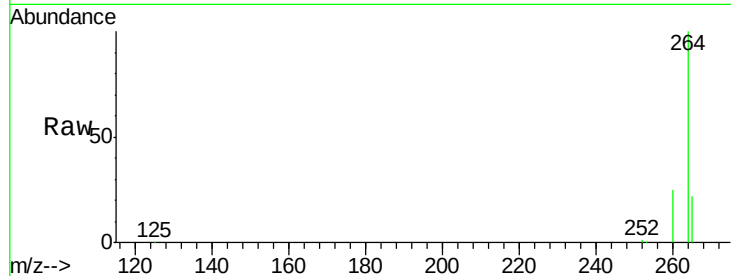




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090500.D
Acq: 13 Aug 2015 14:13

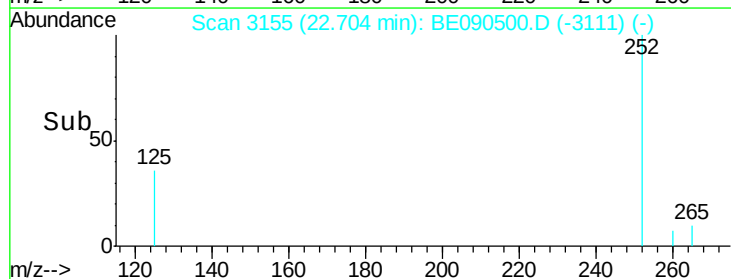
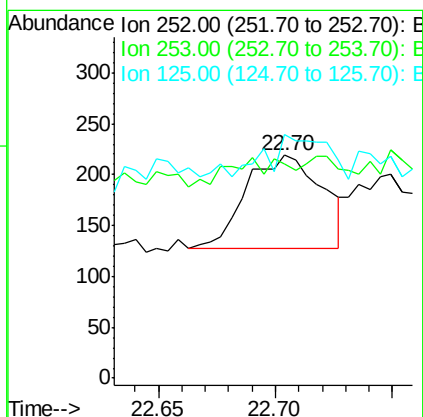
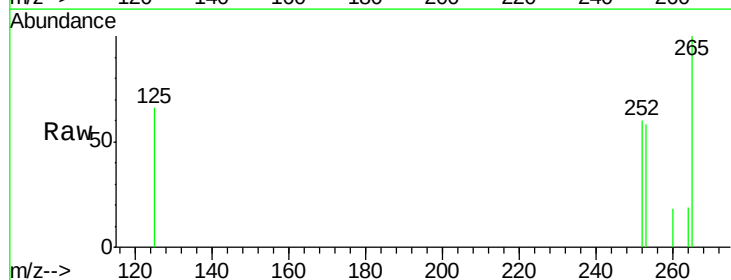
Instrument :
BNA_E
ClientSampleId :

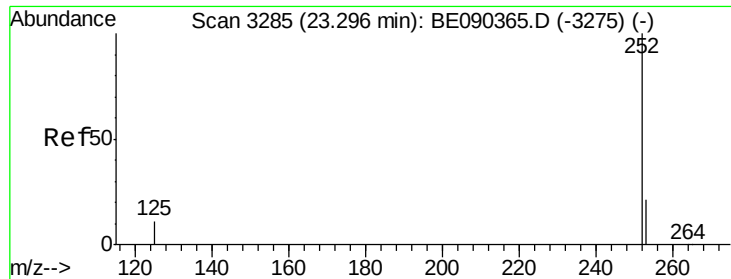
Tot Ion:264 Resp: 135746
Ion Ratio Lower Upper
264 100
260 25.2 20.1 30.1
265 21.9 17.2 25.8



#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.70 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BE090500.D
Acq: 13 Aug 2015 14:13

Tgt Ion:252 Resp: 205
Ion Ratio Lower Upper
252 100
253 96.3 18.1 27.1#
125 109.1 9.4 14.2#

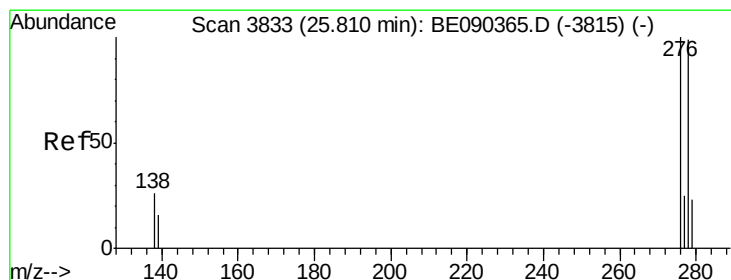
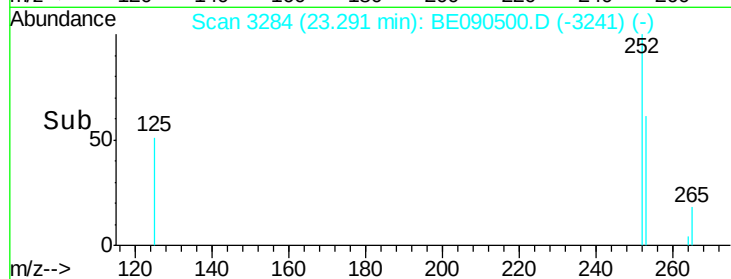
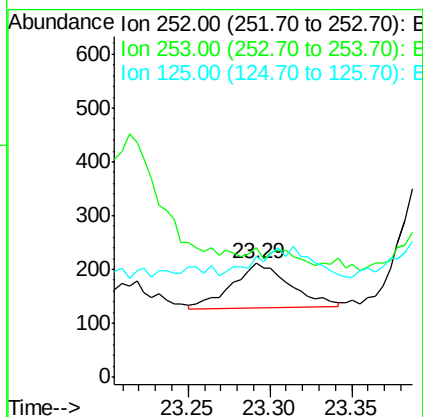
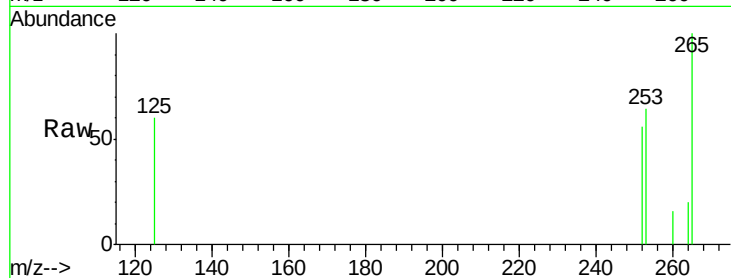




#35
Benzo(a)pyrene
Concen: 0.23 ng
RT: 23.29 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BE090500.D
Acq: 13 Aug 2015 14:13

Instrument :
BNA_E
ClientSampled :

Tot Ion:252 Resp: 204
Ion Ratio Lower Upper
252 100
253 113.7 17.6 26.4#
125 105.7 9.8 14.6#



#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.79 min Scan# 3830
Delta R.T. -0.01 min
Lab File: BE090500.D
Acq: 13 Aug 2015 14:13

Tgt Ion:278 Resp: 306
Ion Ratio Lower Upper
278 100
139 94.1 14.2 21.4#
279 77.9 20.1 30.1#

