

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
 Data File : BE090496.D
 Acq On : 13 Aug 2015 8:36
 Operator : UM/IZ
 Sample : G3248-09
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSB-06

Quant Time: Aug 13 11:13:36 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

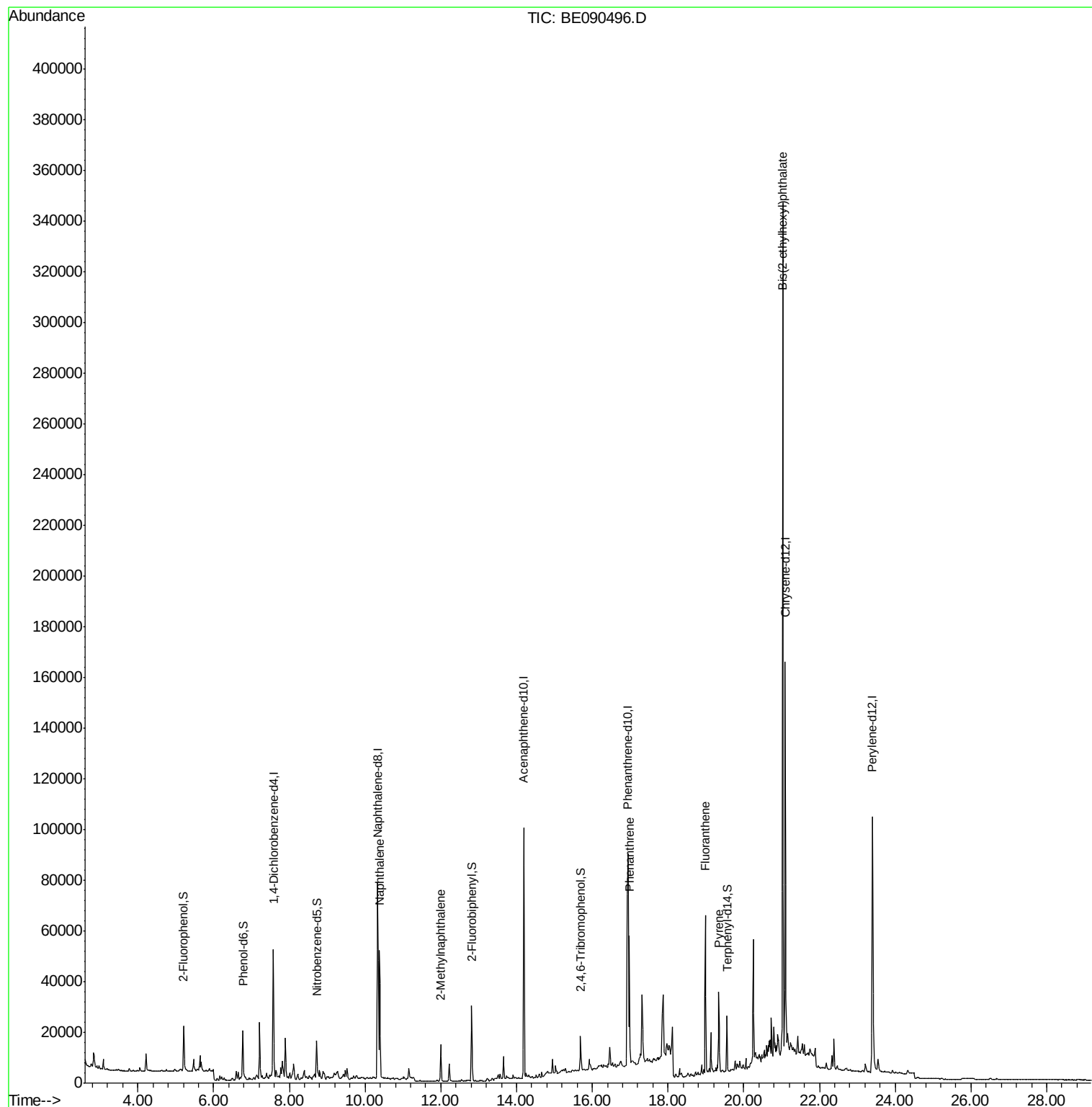
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21933	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	100793	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	57542	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	129224	5.00	ng	0.00
25) Chrysene-d12	21.09	240	144092	5.00	ng	0.00
32) Perylene-d12	23.40	264	143915	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	13709	4.17	ng	0.00
5) Phenol-d6	6.77	99	21384	3.15	ng	0.00
7) Nitrobenzene-d5	8.72	82	14040	1.84	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	6115	4.44	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	27933	1.76	ng	0.00
27) Terphenyl-d14	19.55	244	23072	1.09	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.38	128	66906	3.01	ng	99
11) 2-Methylnaphthalene	12.00	142	10227	0.79	ng	97
22) Phenanthrene	16.98	178	53395	1.65	ng	98
24) Fluoranthene	18.98	202	53943	1.69	ng	# 89
26) Pyrene	19.34	202	27704	0.89	ng	96
30) Bis(2-ethylhexyl)phthalate	21.03	149	316575	15.23	ng	100

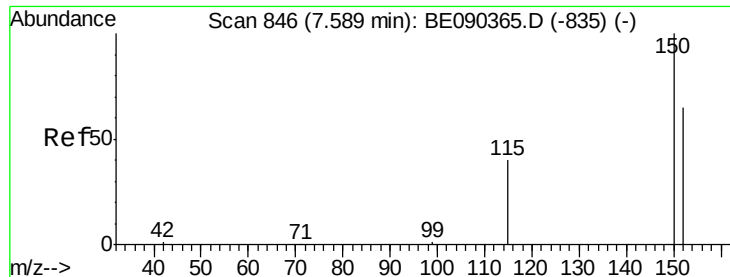
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 06 12:28:08 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090496.D

Acq: 13 Aug 2015 8:36

Instrument :

BNA_E

ClientSampleId :

CSB-06

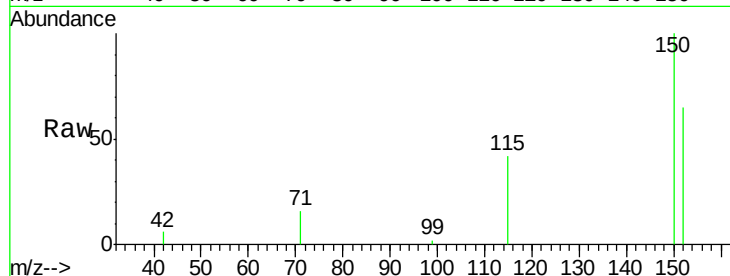
Tgt Ion:152 Resp: 21933

Ion Ratio Lower Upper

152 100

150 153.0 123.0 184.4

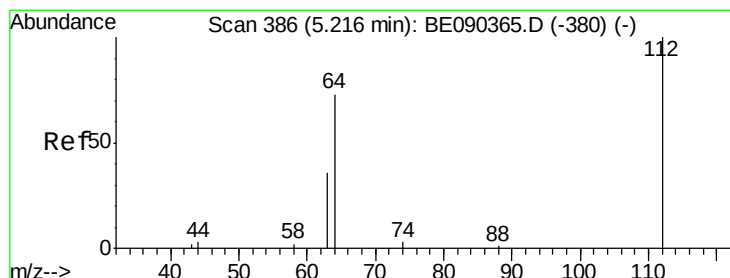
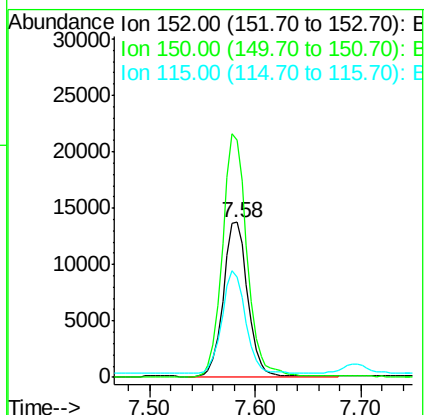
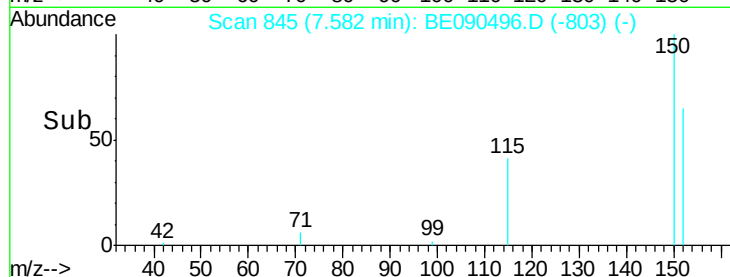
115 64.7 48.9 73.3



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: 4.17 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090496.D

Acq: 13 Aug 2015 8:36

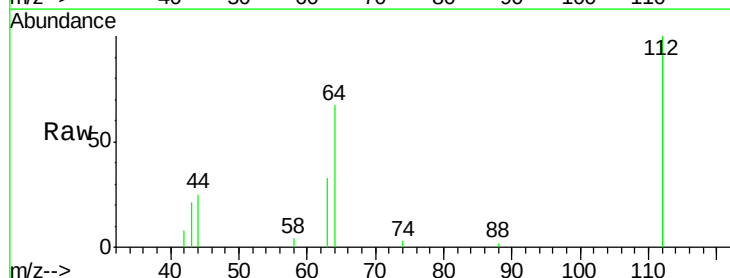
Tgt Ion:112 Resp: 13709

Ion Ratio Lower Upper

112 100

64 72.8 37.1 55.7#

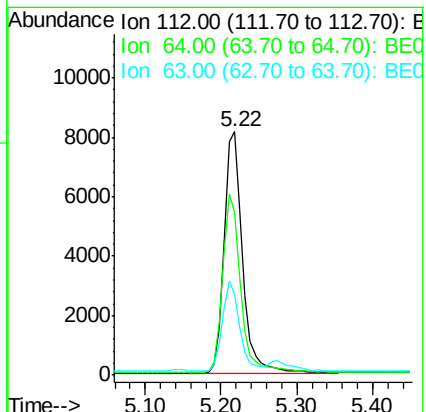
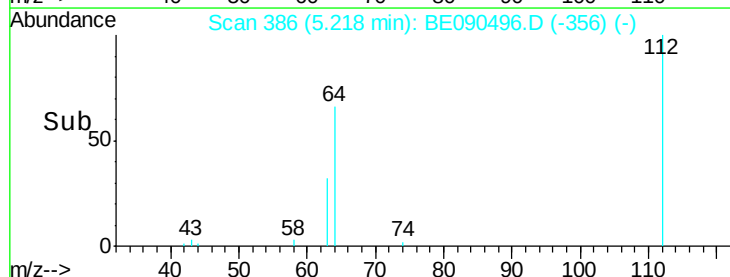
63 34.9 19.5 29.3#

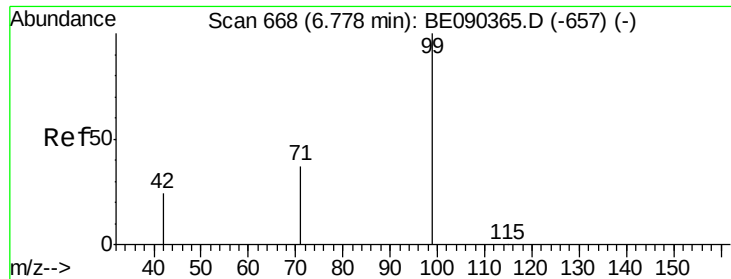


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.15 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090496.D

Acq: 13 Aug 2015 8:36

Instrument :

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ClientSampleId :

CSB-06

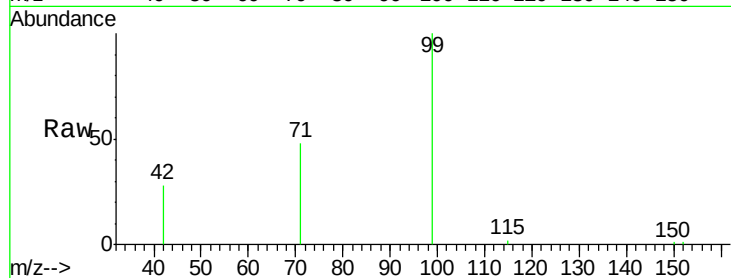
Tgt Ion: 99 Resp: 21384

Ion Ratio Lower Upper

99 100

42 24.2 18.2 27.4

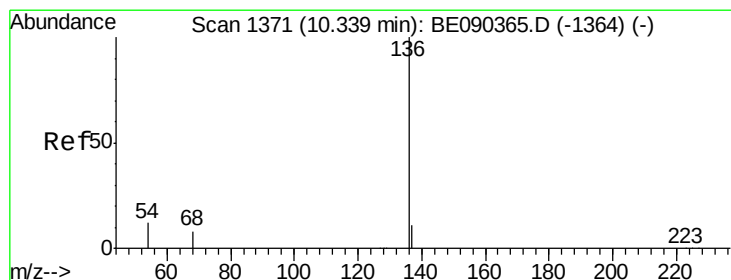
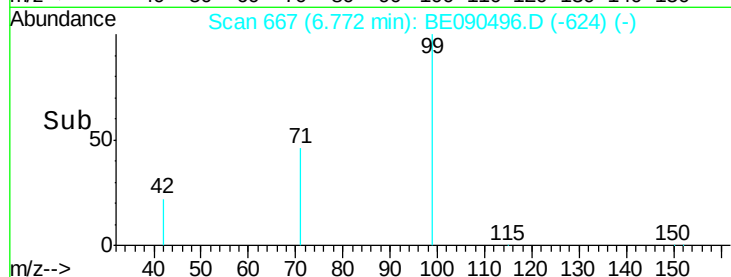
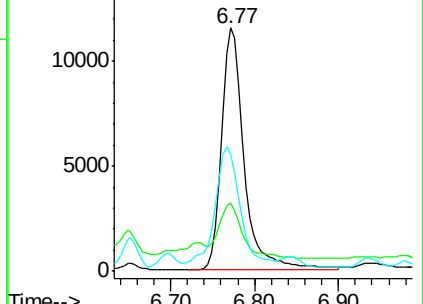
71 55.8 27.4 41.0#



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: 10.33 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE090496.D

Acq: 13 Aug 2015 8:36

Tgt Ion: 136 Resp: 100793

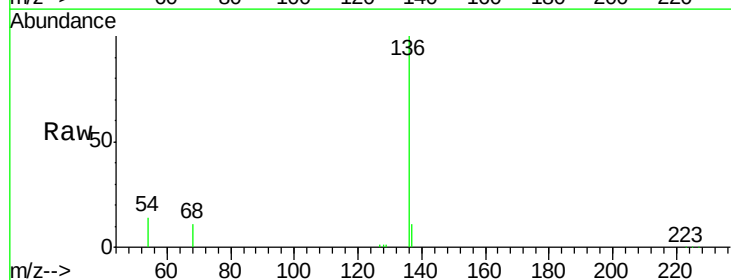
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 14.5 9.4 14.0#

68 10.6 6.5 9.7#

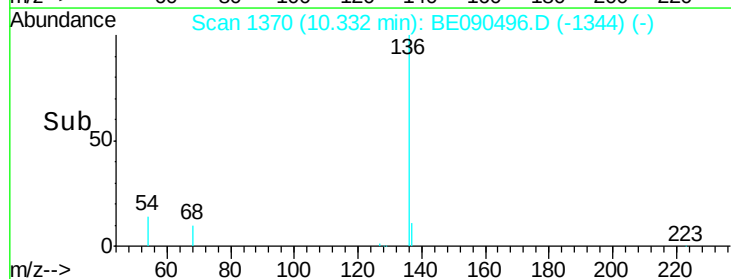
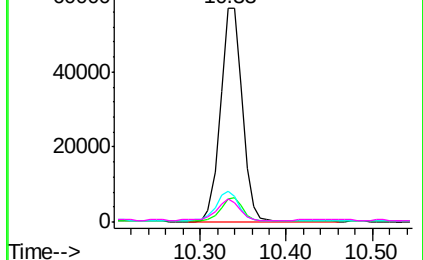


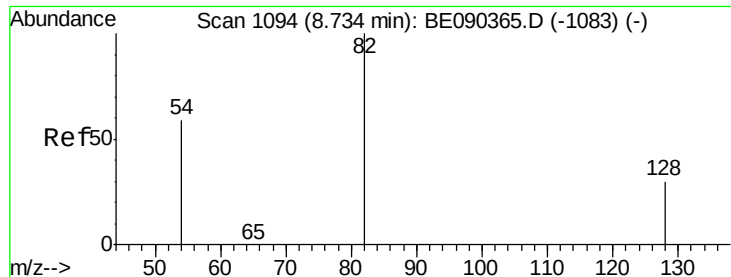
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.84 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090496.D

Acq: 13 Aug 2015 8:36

Instrument :

BNA_E

ClientSampleId :

CSB-06

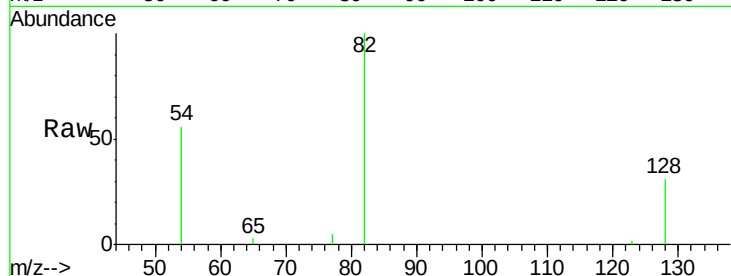
Tgt Ion: 82 Resp: 14040

Ion Ratio Lower Upper

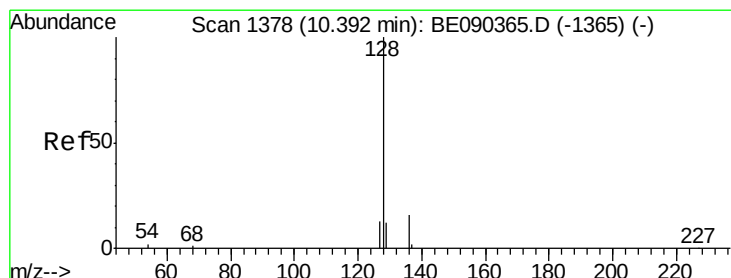
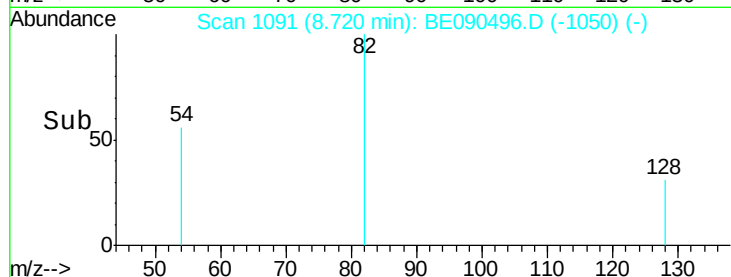
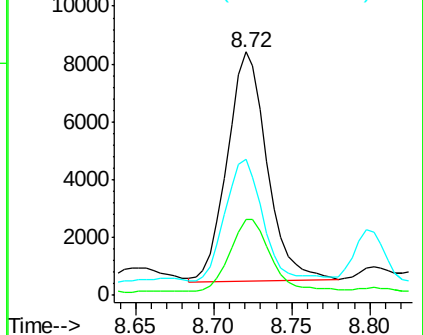
82 100

128 31.0 25.0 37.6

54 56.0 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



#9

Naphthalene

Concen: 3.01 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090496.D

Acq: 13 Aug 2015 8:36

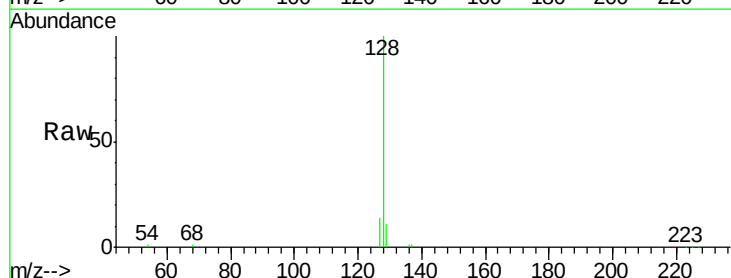
Tgt Ion: 128 Resp: 66906

Ion Ratio Lower Upper

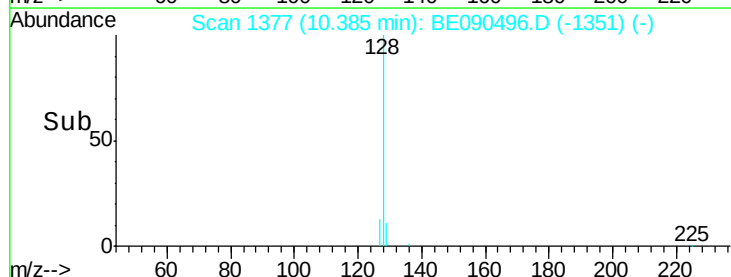
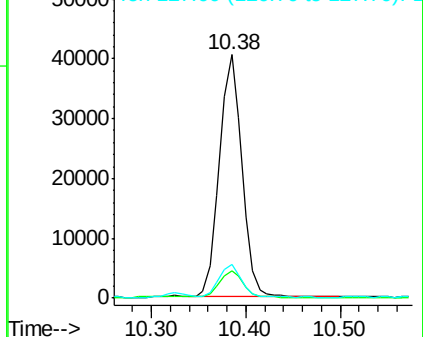
128 100

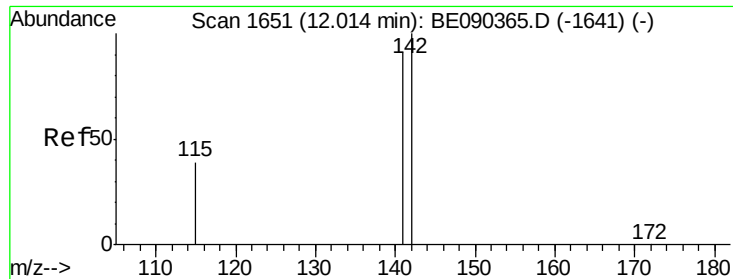
129 11.4 9.8 14.6

127 13.6 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

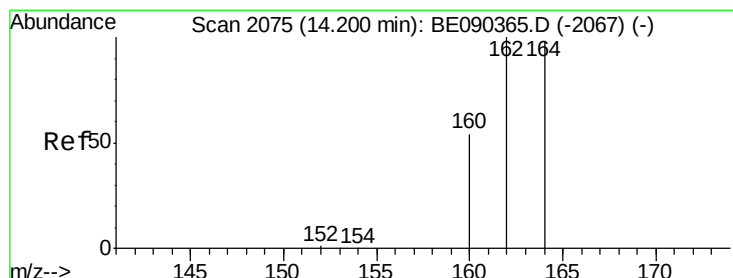
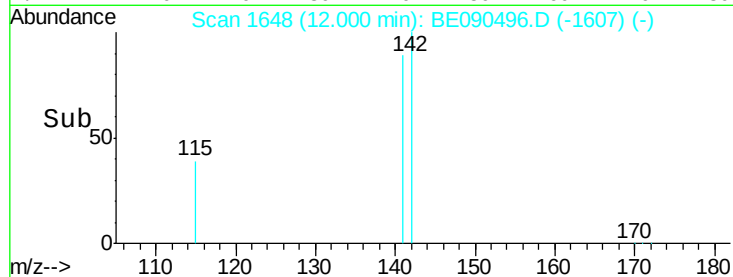
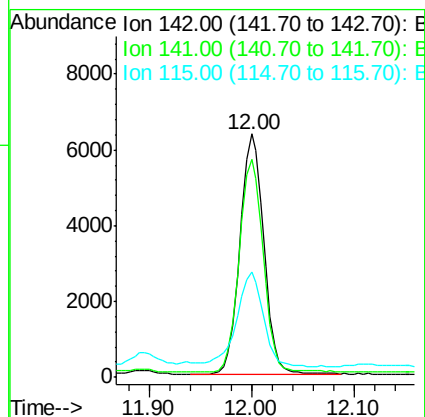
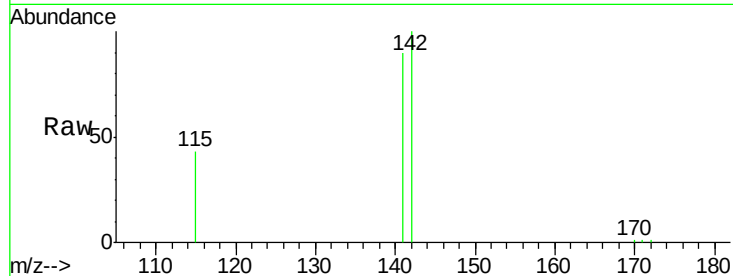




#11
2-Methylnaphthalene
Concen: 0.79 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090496.D
Acq: 13 Aug 2015 8:36

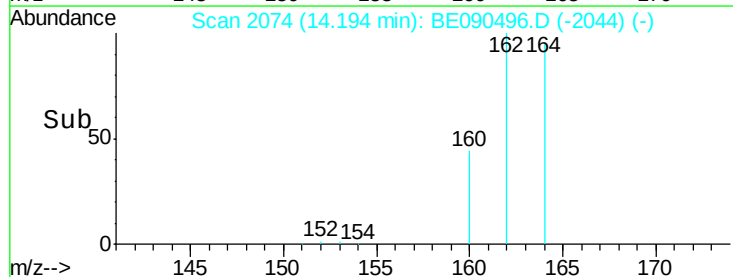
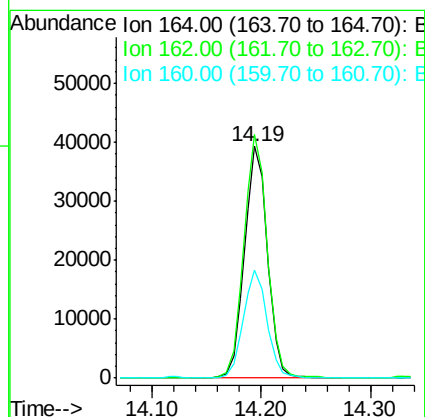
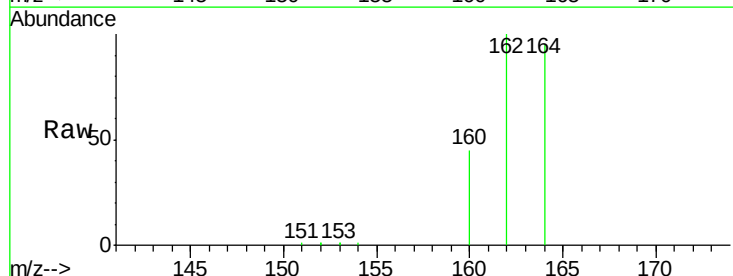
Instrument :
BNA_E
ClientSampleId :
CSB-06

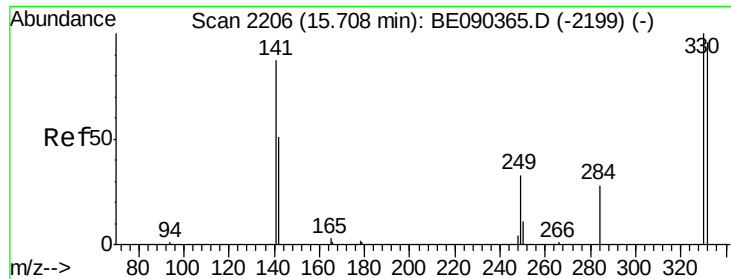
Tgt Ion:142 Resp: 10227
Ion Ratio Lower Upper
142 100
141 89.6 72.6 109.0
115 43.4 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090496.D
Acq: 13 Aug 2015 8:36

Tgt Ion:164 Resp: 57542
Ion Ratio Lower Upper
164 100
162 104.9 81.8 122.8
160 46.7 44.2 66.4

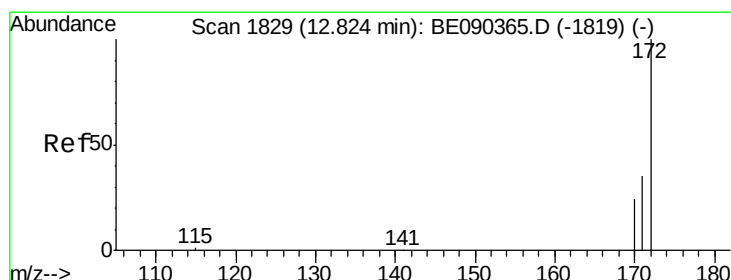
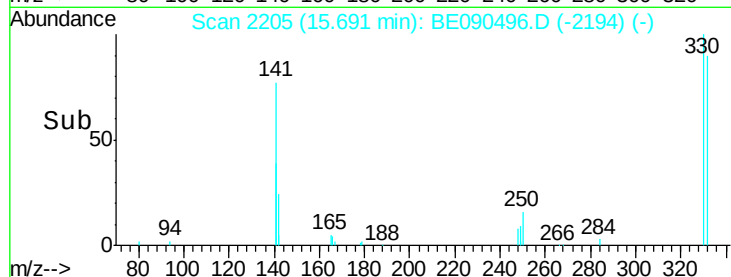
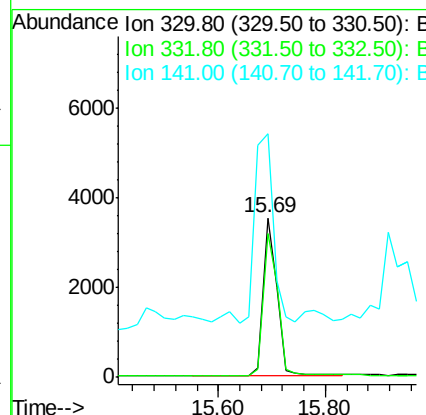
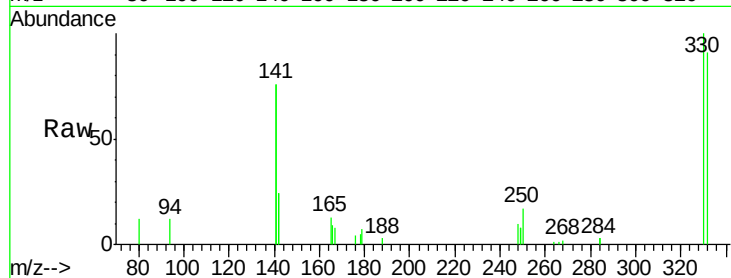




#13
 2,4,6-Tribromophenol
 Concen: 4.44 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090496.D
 Acq: 13 Aug 2015 8:36

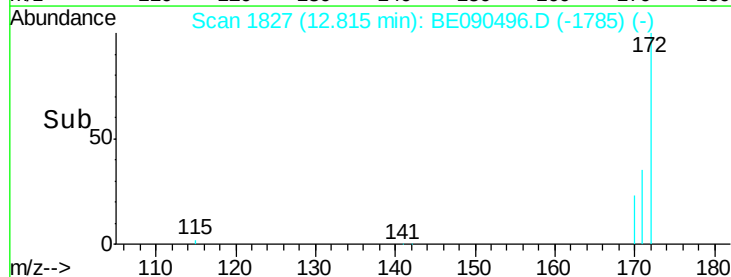
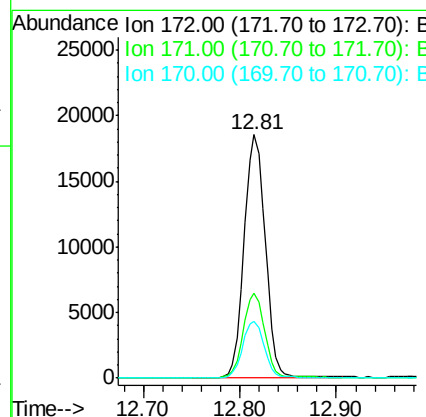
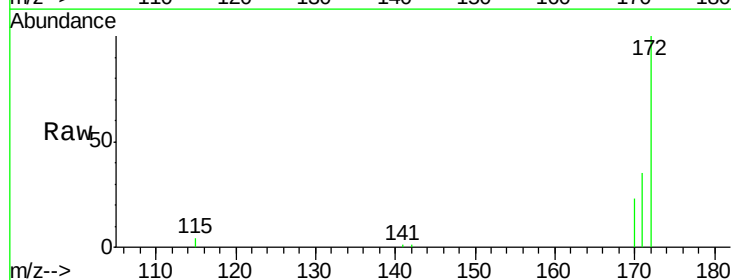
Instrument :
 BNA_E
 ClientSampleId :
 CSB-06

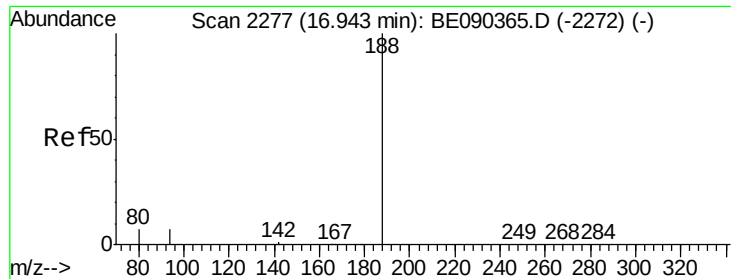
Tgt Ion: 330 Resp: 6115
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.8 113.6
 141 164.5 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 1.76 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE090496.D
 Acq: 13 Aug 2015 8:36

Tgt Ion: 172 Resp: 27933
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.5 19.8 29.8

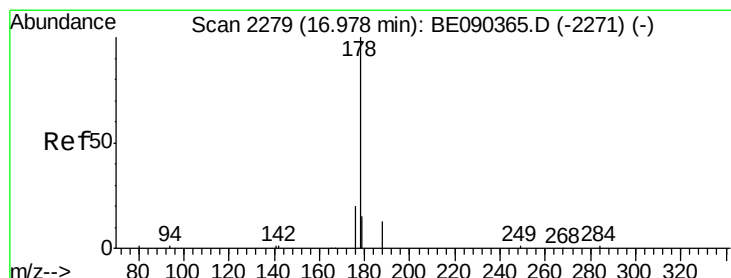
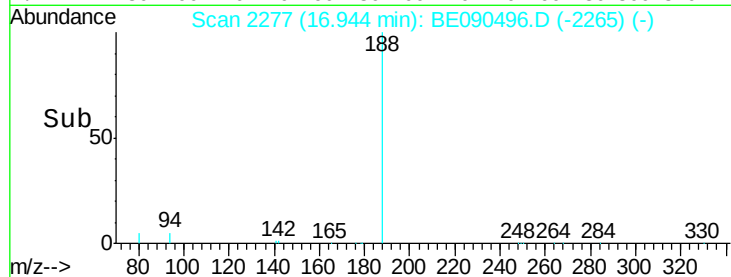
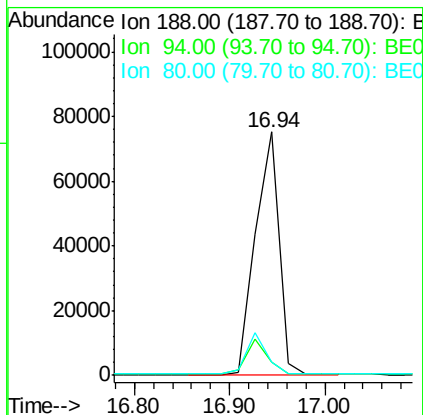
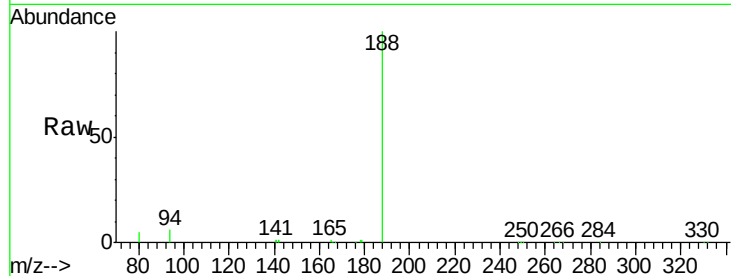




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090496.D
Acq: 13 Aug 2015 8:36

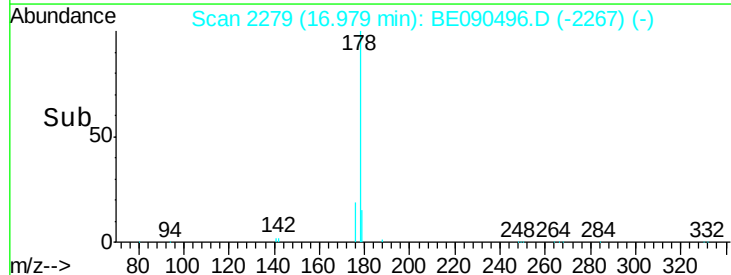
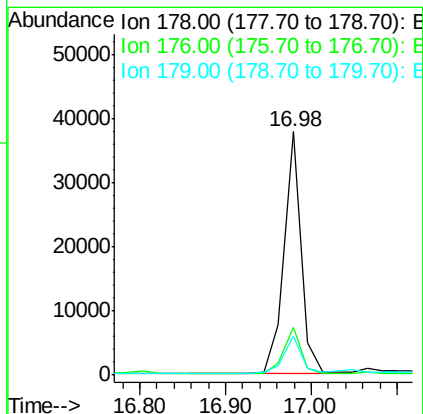
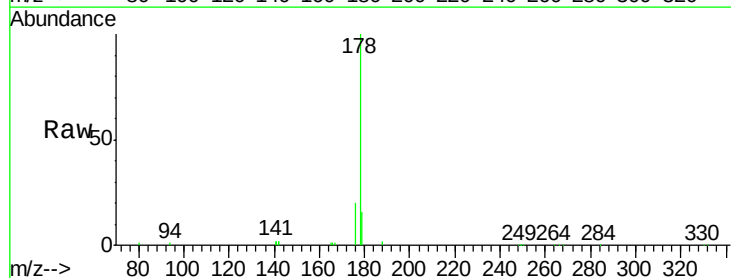
Instrument :
BNA_E
ClientSampleId :
CSB-06

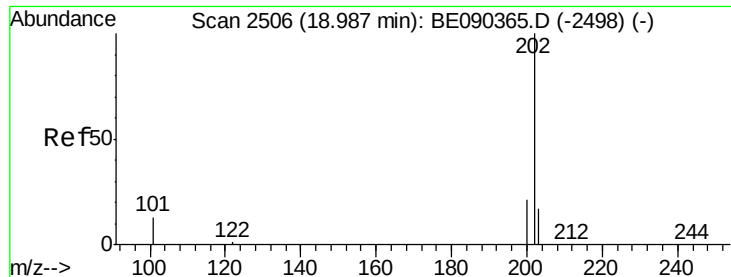
Tgt Ion:188 Resp: 129224
Ion Ratio Lower Upper
188 100
94 5.6 5.7 8.5#
80 5.5 5.8 8.8#



#22
Phenanthrene
Concen: 1.65 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090496.D
Acq: 13 Aug 2015 8:36

Tgt Ion:178 Resp: 53395
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 16.7 12.5 18.7





#24

Fluoranthene

Concen: 1.69 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BE090496.D

Acq: 13 Aug 2015 8:36

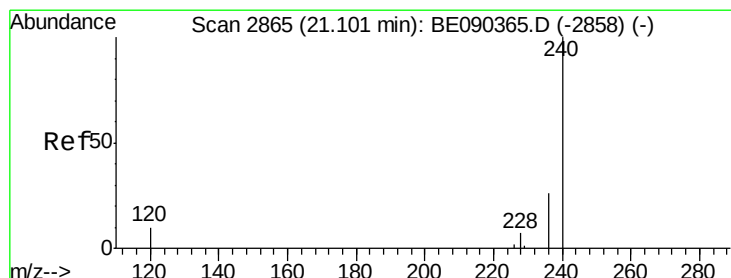
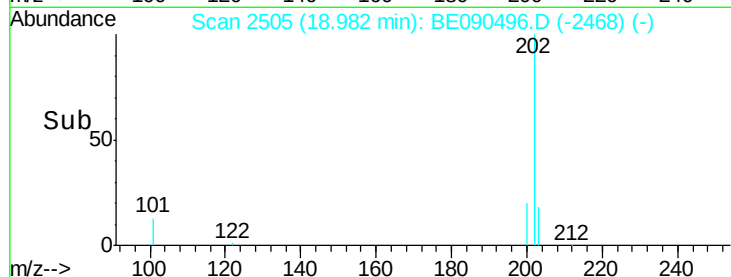
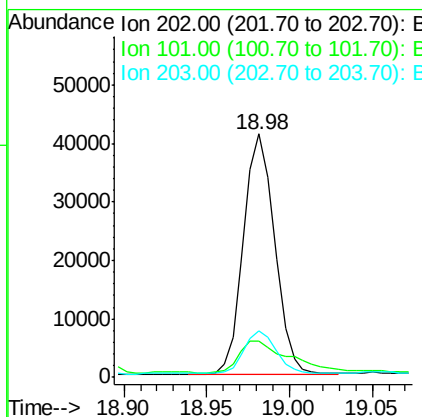
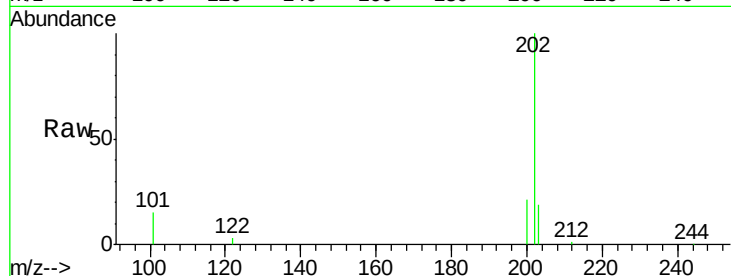
Instrument :

BNA_E

ClientSampled :

CSB-06

Tgt Ion:	202	Resp:	53943
Ion	Ratio	Lower	Upper
202	100		
101	22.3	10.3	15.5#
203	17.9	13.7	20.5



#25

Chrysene-d12

Concen: 5.00 ng

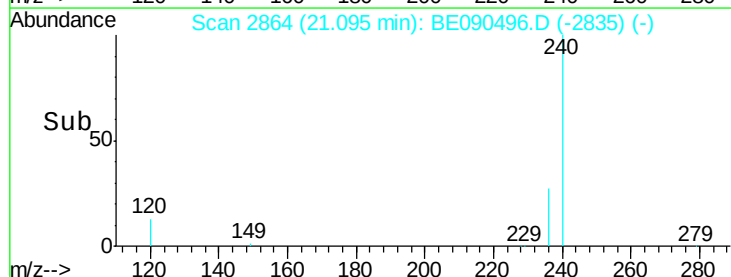
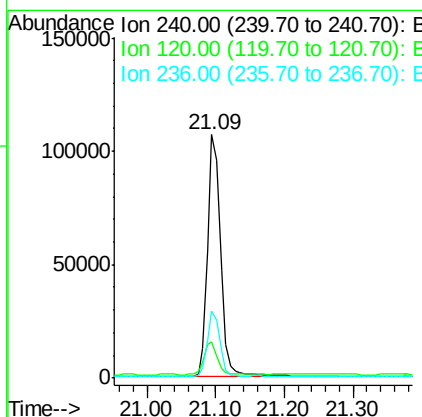
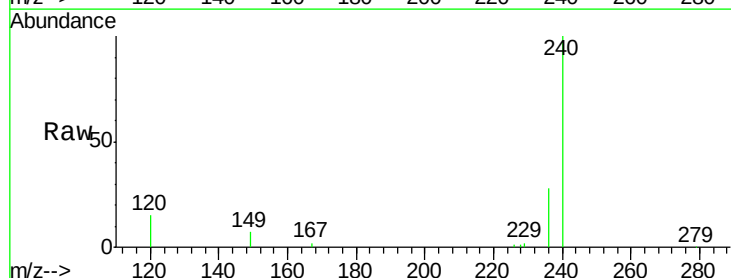
RT: 21.09 min Scan# 2864

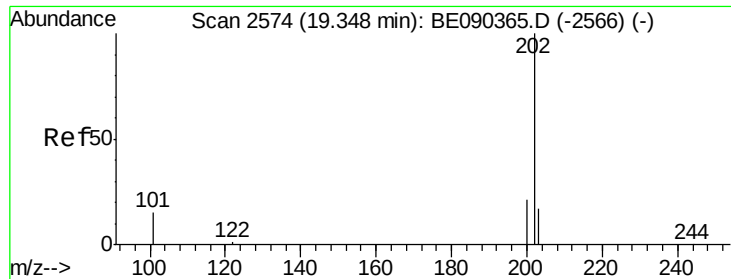
Delta R.T. -0.01 min

Lab File: BE090496.D

Acq: 13 Aug 2015 8:36

Tgt Ion:	240	Resp:	144092
Ion	Ratio	Lower	Upper
240	100		
120	14.7	8.3	12.5#
236	27.6	21.0	31.4

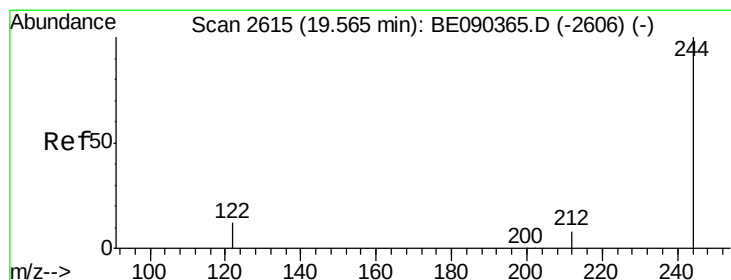
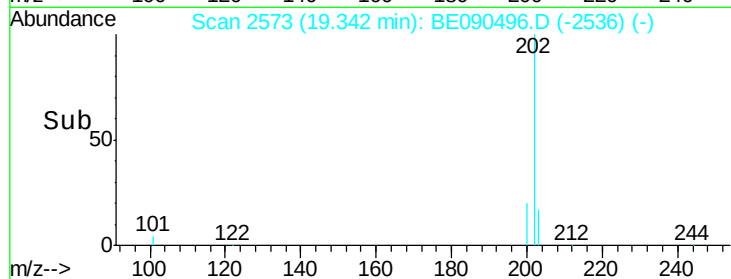
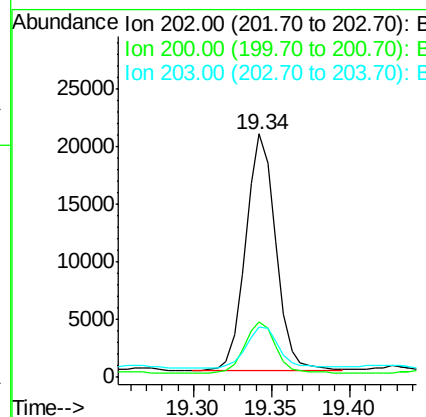
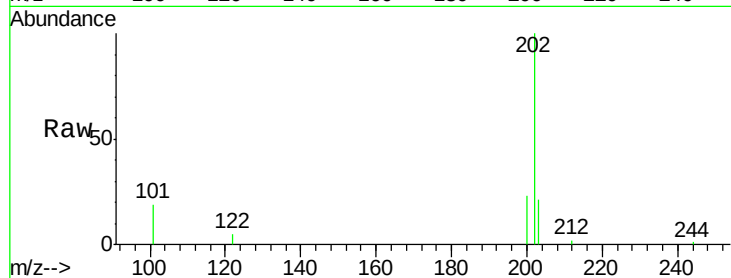




#26
 Pyrene
 Concen: 0.89 ng
 RT: 19.34 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BE090496.D
 Acq: 13 Aug 2015 8:36

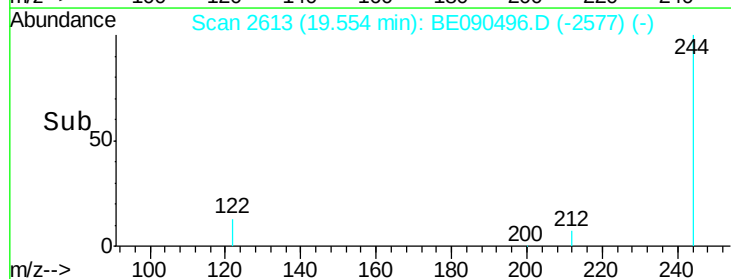
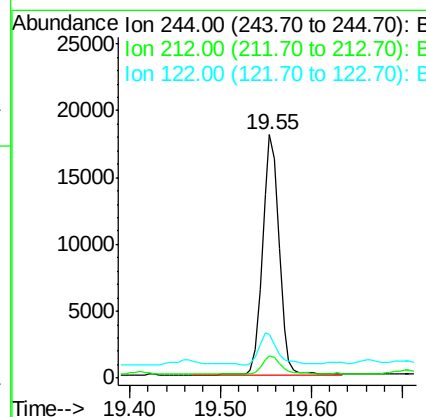
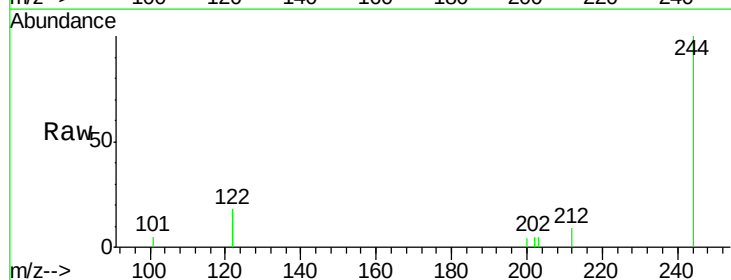
Instrument :
 BNA_E
 ClientSampleId :
 CSB-06

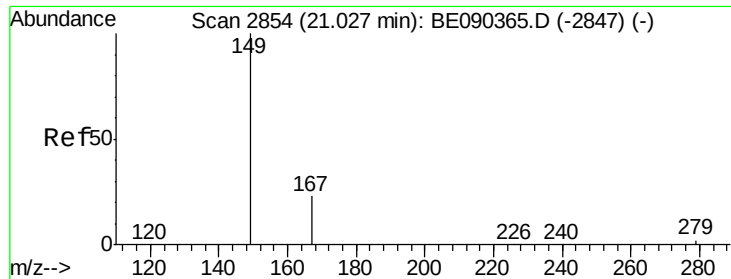
Tgt Ion: 202 Resp: 27704
 Ion Ratio Lower Upper
 202 100
 200 22.3 16.7 25.1
 203 19.6 13.8 20.8



#27
 Terphenyl-d14
 Concen: 1.09 ng
 RT: 19.55 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BE090496.D
 Acq: 13 Aug 2015 8:36

Tgt Ion: 244 Resp: 23072
 Ion Ratio Lower Upper
 244 100
 212 9.3 6.6 9.8
 122 18.3 10.2 15.4#

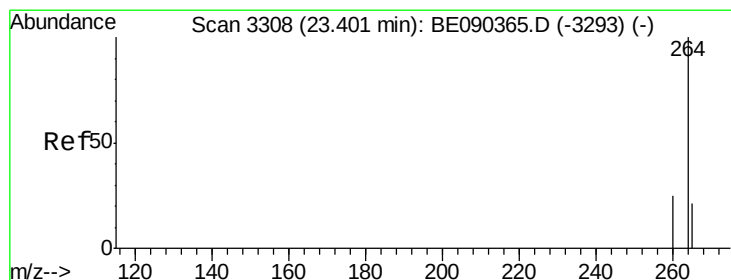
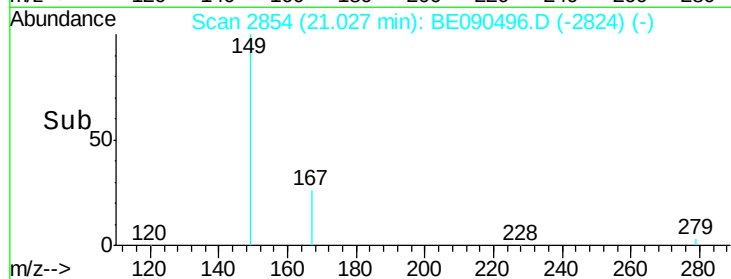
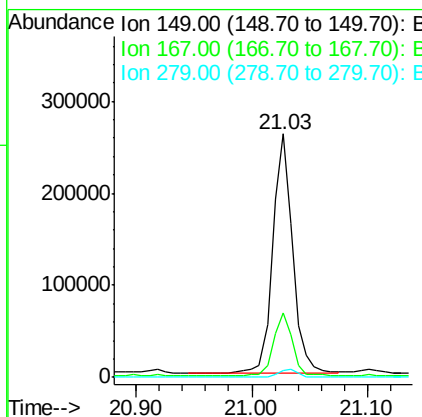
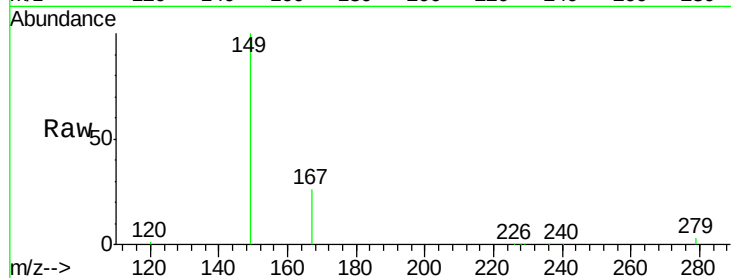




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 15.23 ng
 RT: 21.03 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BE090496.D
 Acq: 13 Aug 2015 8:36

Instrument :
 BNA_E
 ClientSampleId :
 CSB-06

Tgt Ion:149 Resp: 316575
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.8 29.8
 279 3.2 2.4 3.6



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: BE090496.D
 Acq: 13 Aug 2015 8:36

Tgt Ion:264 Resp: 143915
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.1 30.1
 265 22.1 17.2 25.8

