

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081315\
 Data File : BE090502.D
 Acq On : 13 Aug 2015 16:24
 Operator : UM/IZ
 Sample : G3248-04DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSB-08DL

Quant Time: Aug 14 04:38:11 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

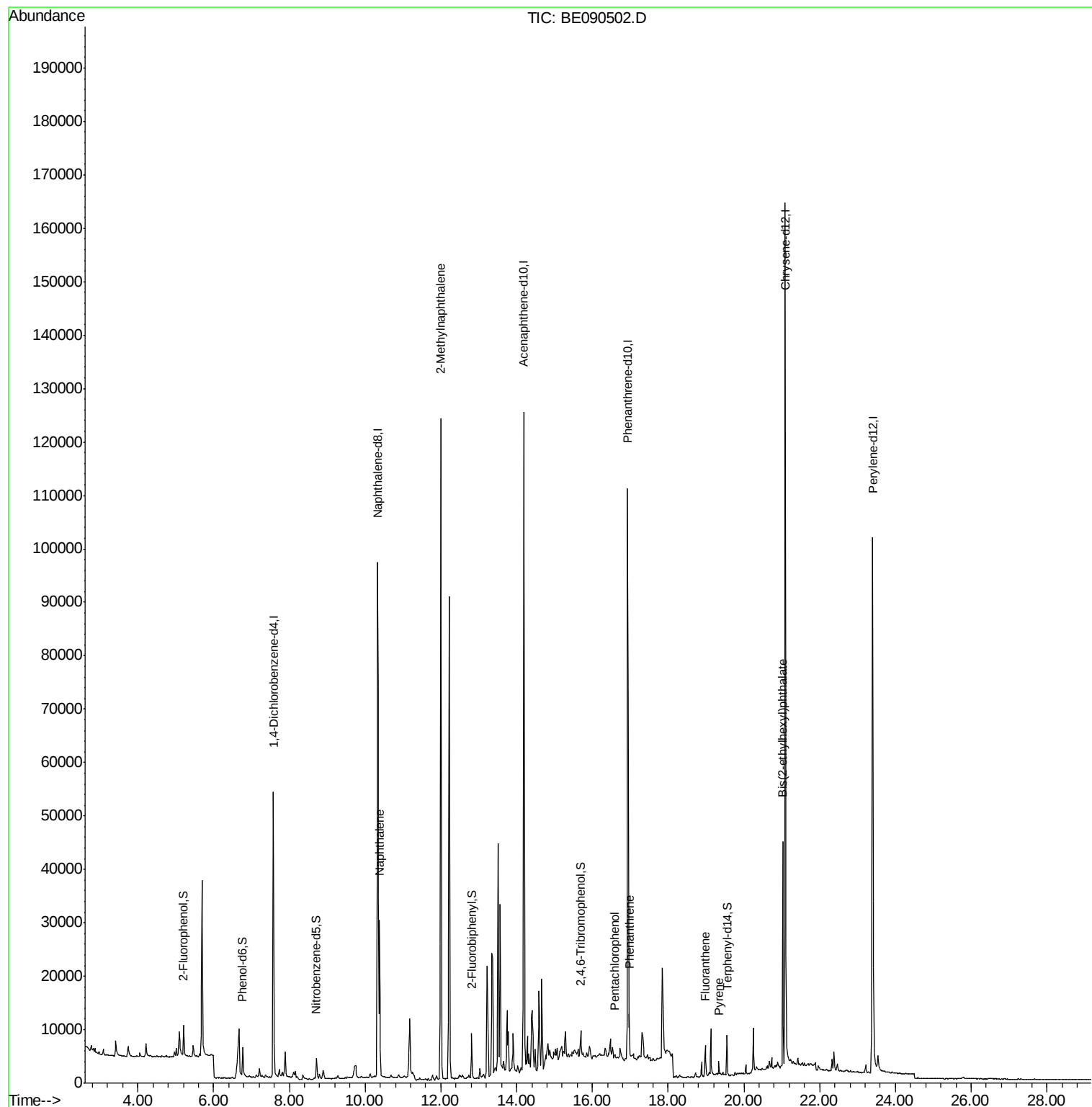
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	25563	5.00	ng	-0.01
6) Naphthalene-d8	10.33	136	126314	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	68721	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	148608	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	155523	5.00	ng	0.00
32) Perylene-d12	23.40	264	143810	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	4417	1.15	ng	0.00
5) Phenol-d6	6.77	99	6766	1.04	ng	0.00
7) Nitrobenzene-d5	8.71	82	3685	0.55	ng	-0.02
13) 2,4,6-Tribromophenol	15.69	330	1909	1.54	ng	-0.01
14) 2-Fluorobiphenyl	12.81	172	7911	0.42	ng	-0.01
27) Terphenyl-d14	19.55	244	7635	0.33	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.38	128	40711	1.46	ng	99
11) 2-Methylnaphthalene	12.00	142	85375	5.28	ng	98
21) Pentachlorophenol	16.60	266	285	0.39	ng	96
22) Phenanthrene	16.98	178	9988	0.27	ng	96
24) Fluoranthene	18.98	202	5186	0.14	ng	# 73
26) Pyrene	19.34	202	2463	0.07	ng	95
30) Bis(2-ethylhexyl)phthalate	21.03	149	38837	3.54	ng	100

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

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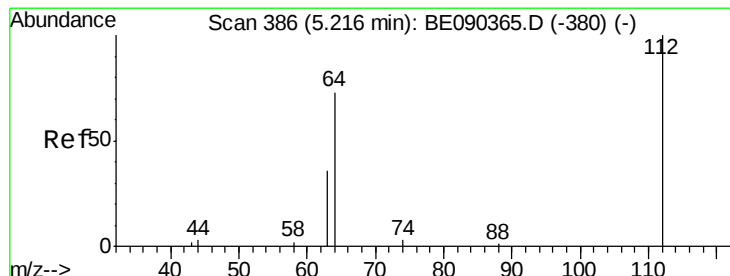
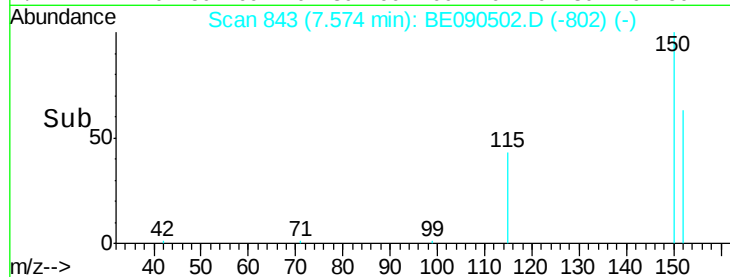
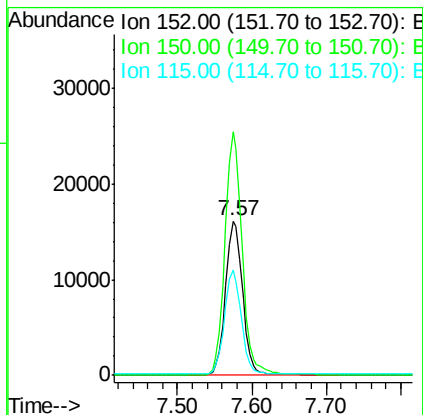
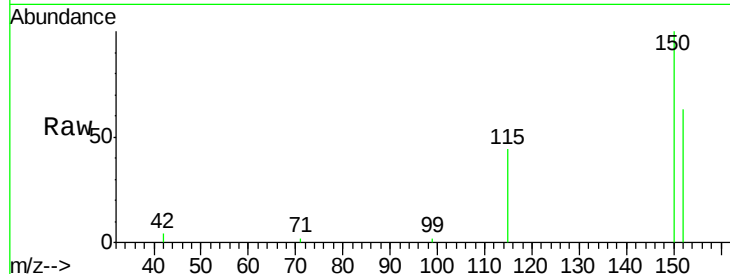


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.57 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE090502.D
Acq: 13 Aug 2015 16:24

Instrument :
BNA_E
ClientSampleId :
CSB-08DL

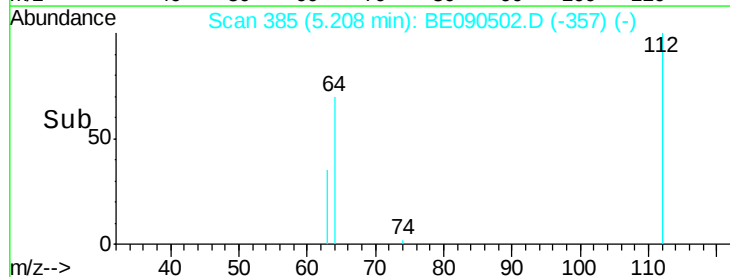
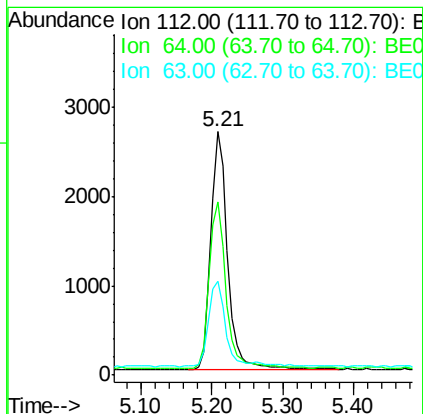
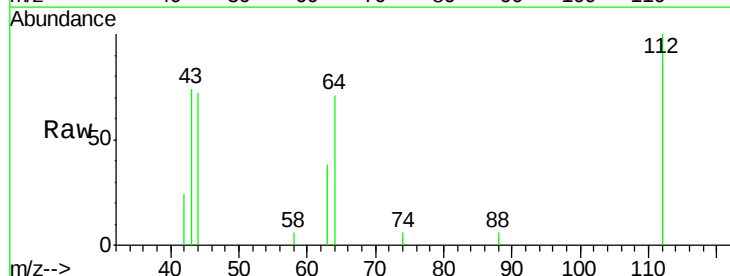
Tgt Ion:152 Resp: 25563
Ion Ratio Lower Upper
152 100
150 157.7 123.0 184.4
115 68.7 48.9 73.3

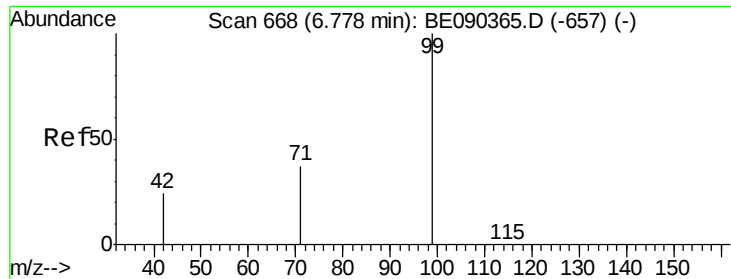


#4

2-Fluorophenol
Concen: 1.15 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090502.D
Acq: 13 Aug 2015 16:24

Tgt Ion:112 Resp: 4417
Ion Ratio Lower Upper
112 100
64 70.5 37.1 55.7#
63 37.5 19.5 29.3#





#5

Phenol-d6

Concen: 1.04 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090502.D

Acq: 13 Aug 2015 16:24

Instrument :

BNA_E

ClientSampled :

CSB-08DL

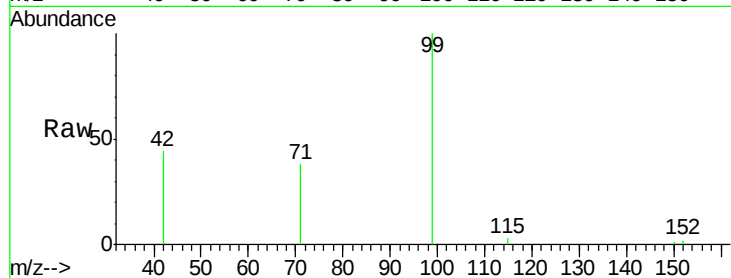
Tgt Ion: 99 Resp: 6766

Ion Ratio Lower Upper

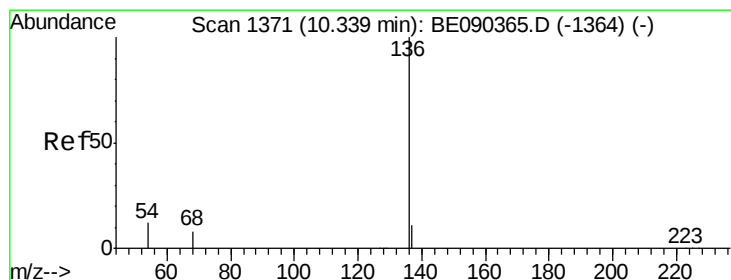
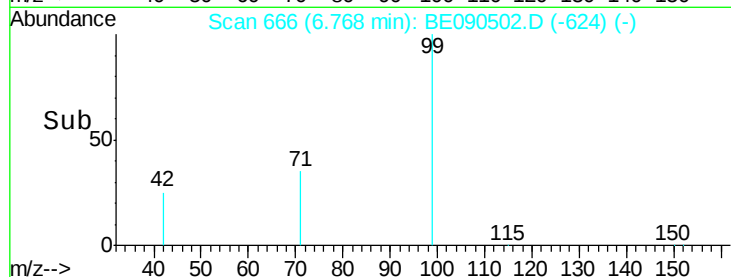
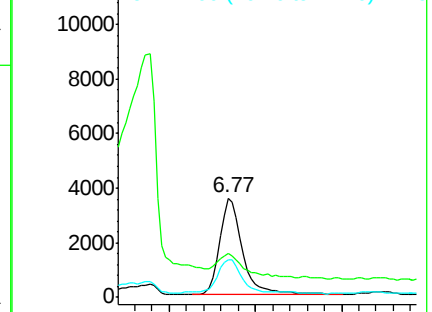
99 100

42 28.9 18.2 27.4#

71 39.9 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: BE090502.D

Acq: 13 Aug 2015 16:24

Tgt Ion: 136 Resp: 126314

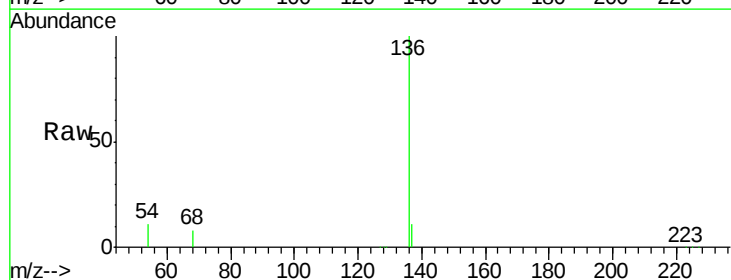
Ion Ratio Lower Upper

136 100

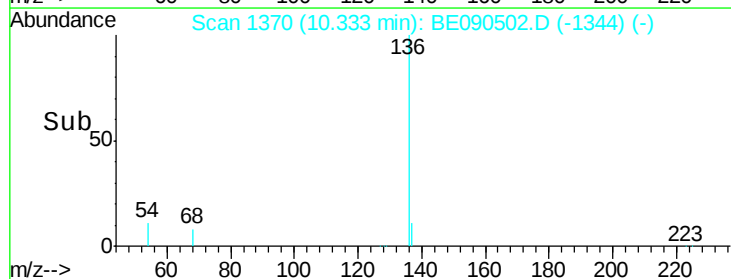
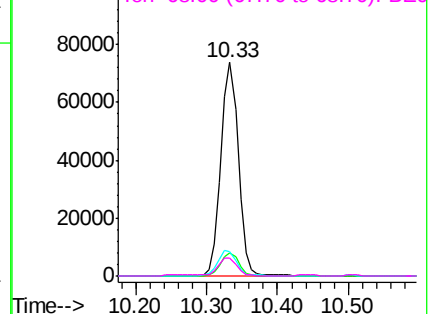
137 11.0 8.7 13.1

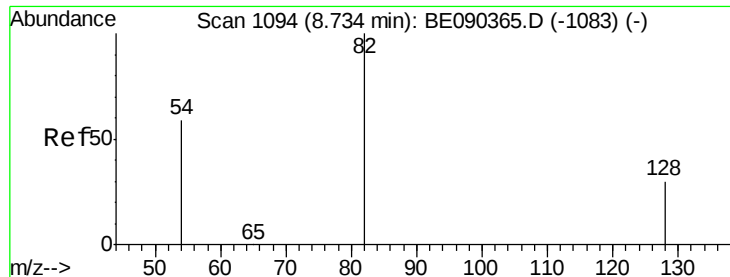
54 11.3 9.4 14.0

68 8.5 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: 0.55 ng

RT: 8.71 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BE090502.D

Acq: 13 Aug 2015 16:24

Instrument :

BNA_E

ClientSampleId :

CSB-08DL

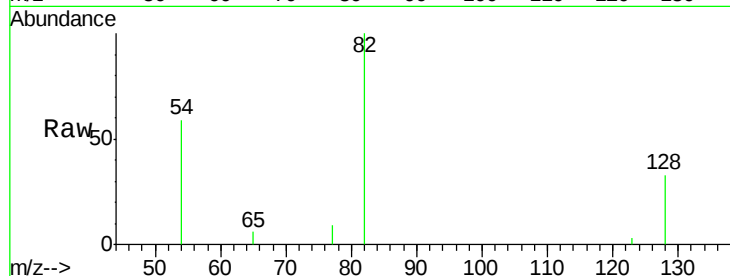
Tgt Ion: 82 Resp: 3685

Ion Ratio Lower Upper

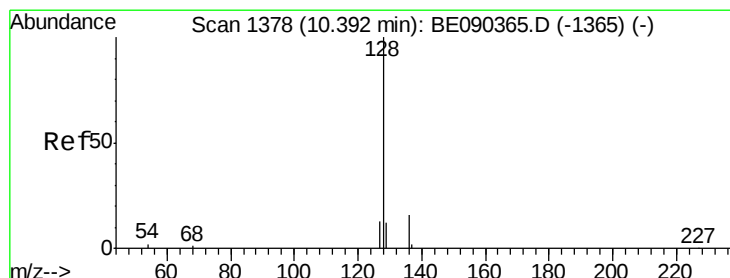
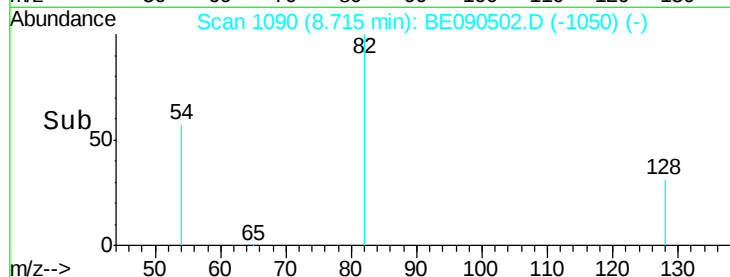
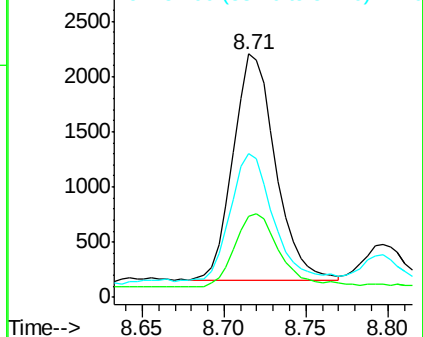
82 100

128 33.2 25.0 37.6

54 59.1 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: 1.46 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090502.D

Acq: 13 Aug 2015 16:24

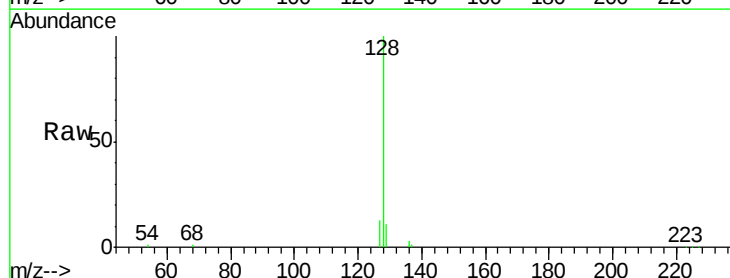
Tgt Ion: 128 Resp: 40711

Ion Ratio Lower Upper

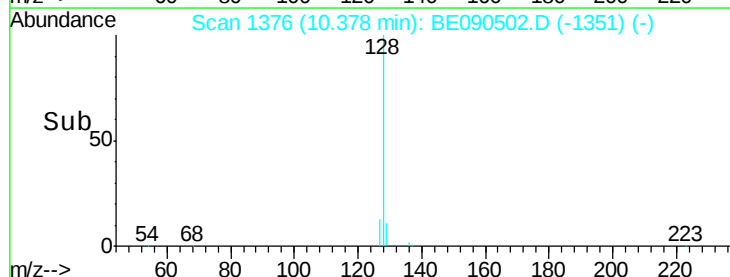
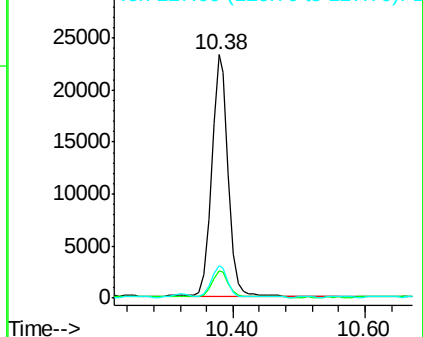
128 100

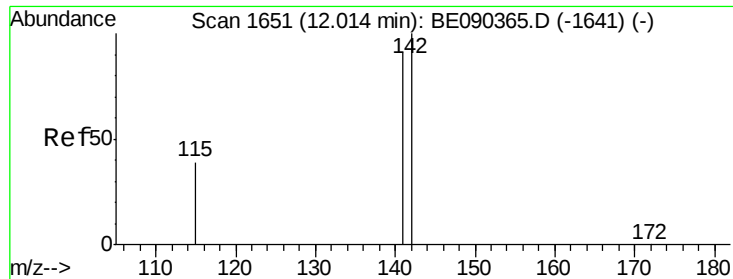
129 11.3 9.8 14.6

127 13.3 10.6 16.0



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

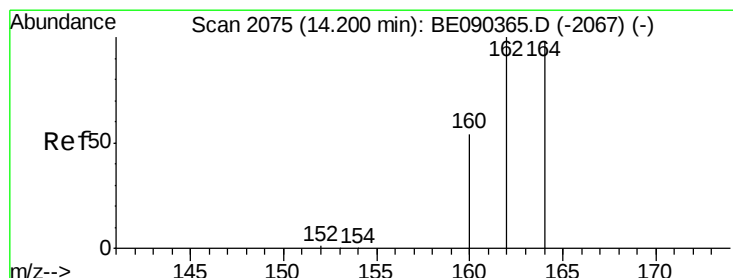
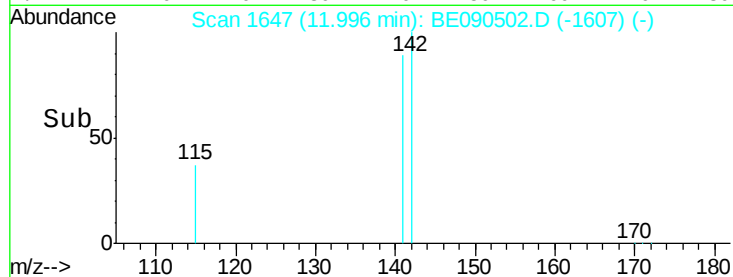
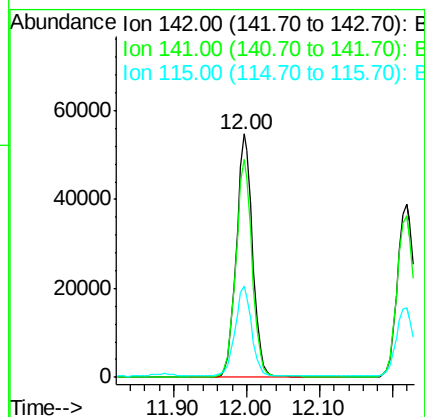
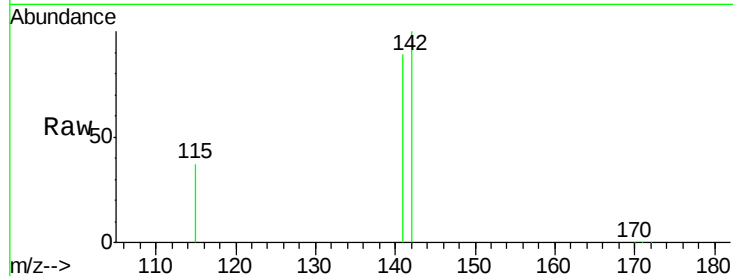




#11
2-Methylnaphthalene
Concen: 5.28 ng
RT: 12.00 min Scan# 1647
Delta R.T. -0.02 min
Lab File: BE090502.D
Acq: 13 Aug 2015 16:24

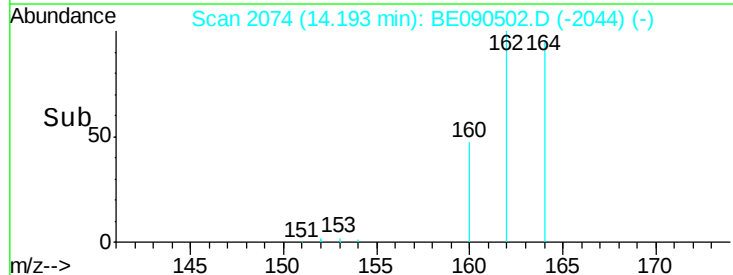
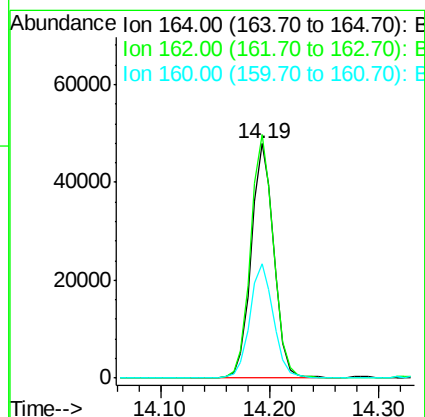
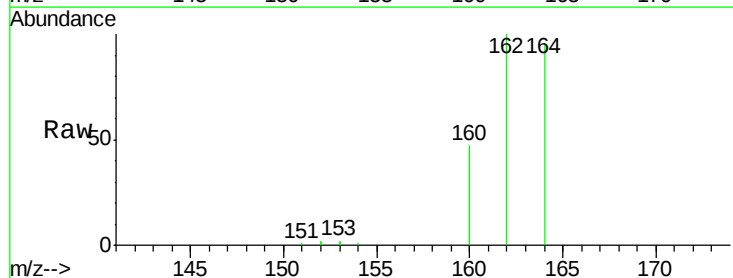
Instrument :
BNA_E
ClientSampleId :
CSB-08DL

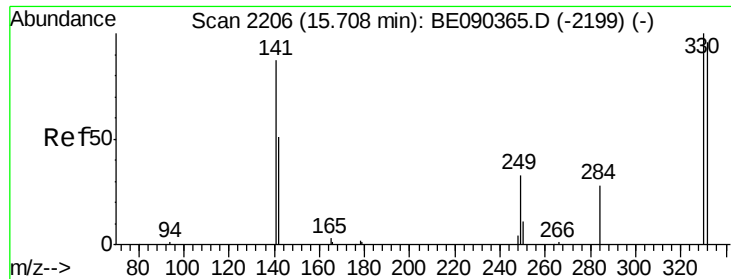
Tgt Ion:142 Resp: 85375
Ion Ratio Lower Upper
142 100
141 89.4 72.6 109.0
115 37.3 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090502.D
Acq: 13 Aug 2015 16:24

Tgt Ion:164 Resp: 68721
Ion Ratio Lower Upper
164 100
162 104.0 81.8 122.8
160 48.8 44.2 66.4

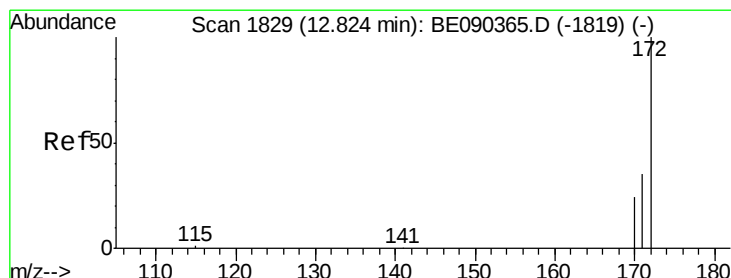
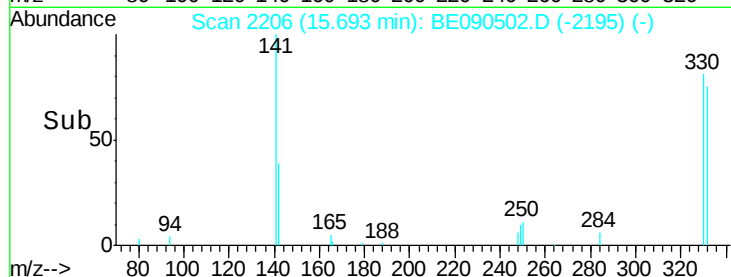
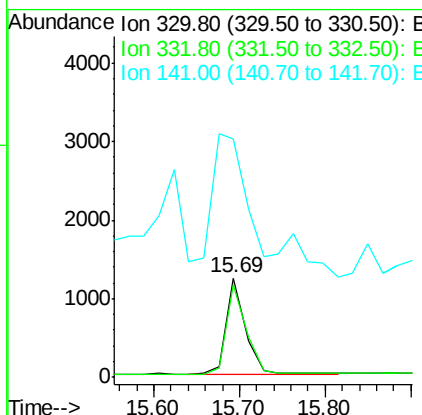
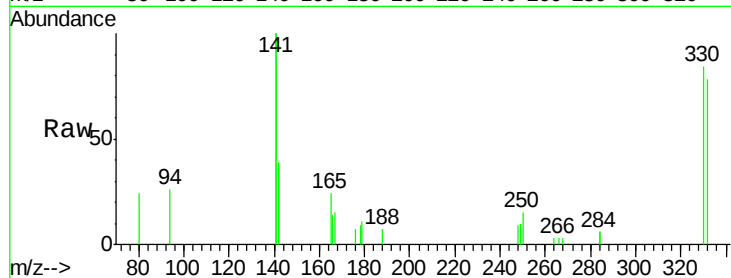




#13
 2,4,6-Tribromophenol
 Concen: 1.54 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BE090502.D
 Acq: 13 Aug 2015 16:24

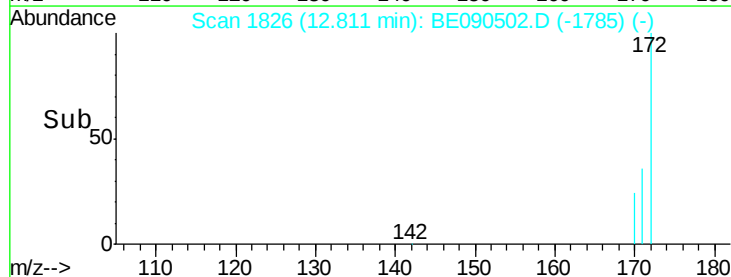
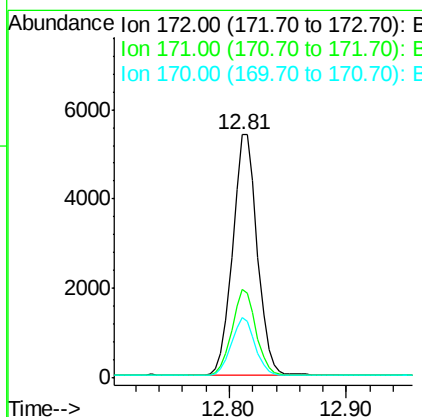
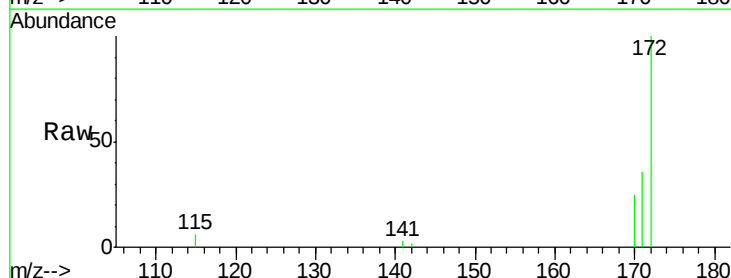
Instrument :
 BNA_E
 ClientSampleId :
 CSB-08DL

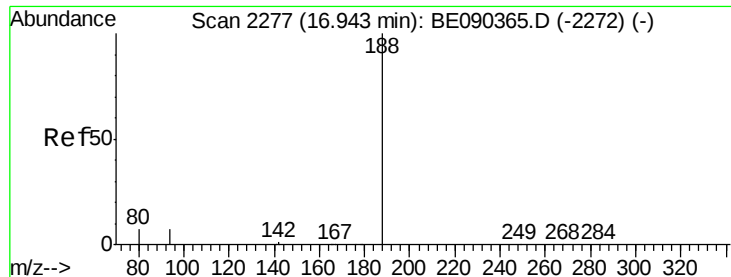
Tgt Ion: 330 Resp: 1909
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.8 113.6
 141 224.2 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 0.42 ng
 RT: 12.81 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BE090502.D
 Acq: 13 Aug 2015 16:24

Tgt Ion: 172 Resp: 7911
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 25.0 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.93 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090502.D

Acq: 13 Aug 2015 16:24

Instrument :

BNA_E

ClientSampleId :

CSB-08DL

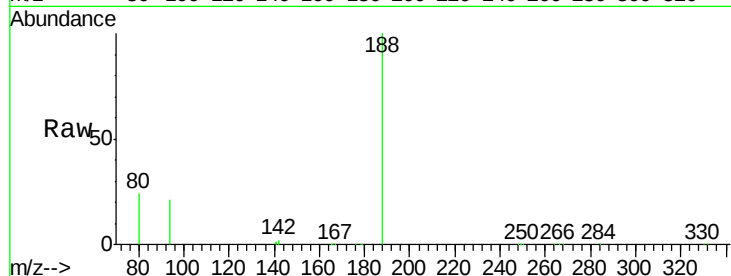
Tgt Ion:188 Resp: 148608

Ion Ratio Lower Upper

188 100

94 20.8 5.7 8.5#

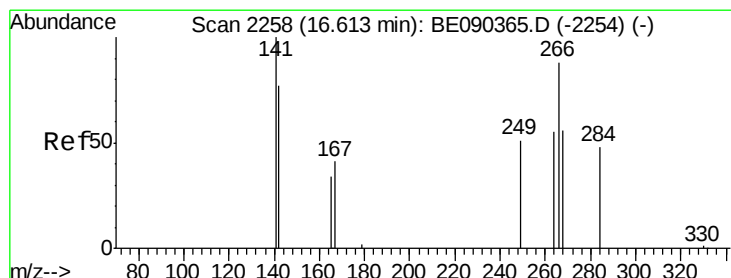
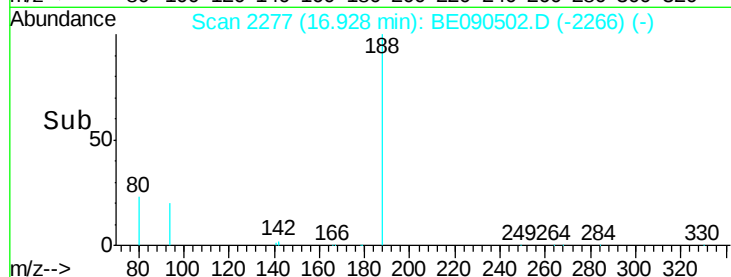
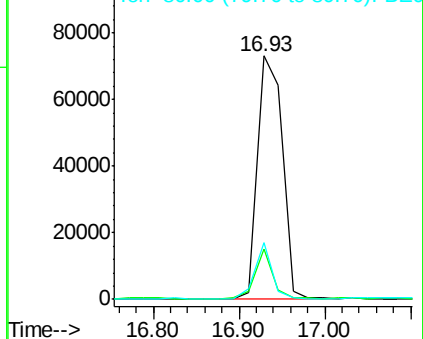
80 23.5 5.8 8.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#21

Pentachlorophenol

Concen: 0.39 ng

RT: 16.60 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BE090502.D

Acq: 13 Aug 2015 16:24

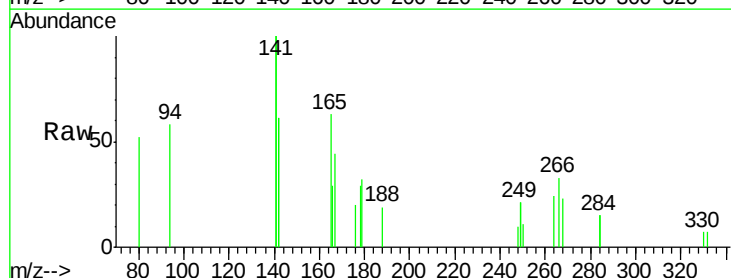
Tgt Ion:266 Resp: 285

Ion Ratio Lower Upper

266 100

268 69.4 58.5 87.7

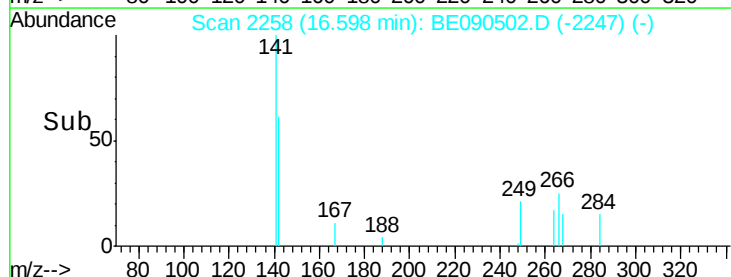
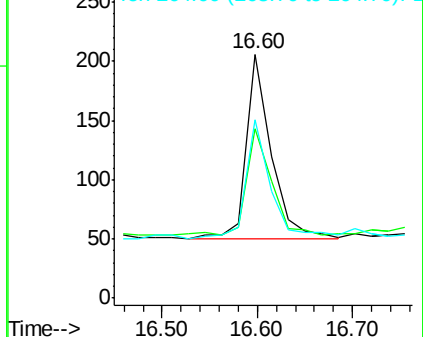
264 73.3 56.0 84.0

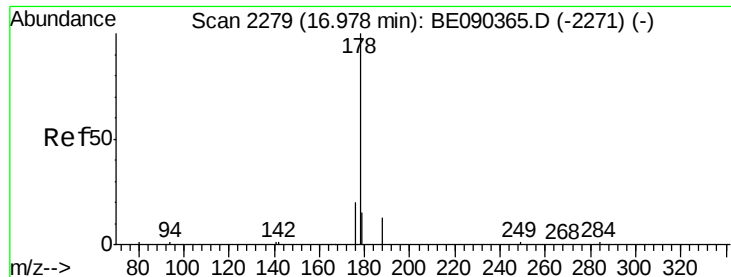


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Phenanthrene

Concen: 0.27 ng

RT: 16.98 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE090502.D

Acq: 13 Aug 2015 16:24

Instrument :

BNA_E

ClientSampleId :

CSB-08DL

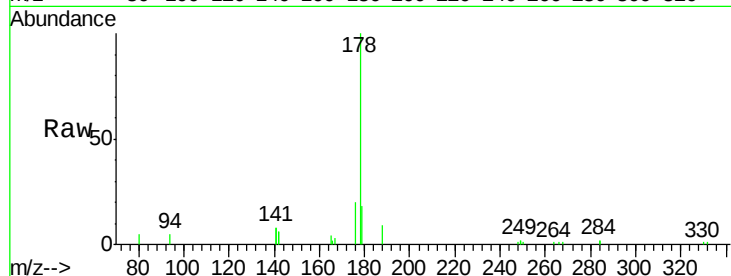
Tgt Ion:178 Resp: 9988

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

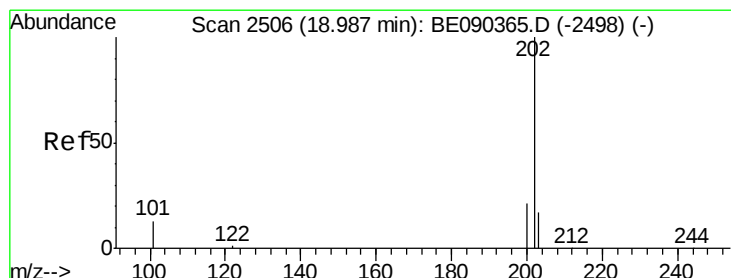
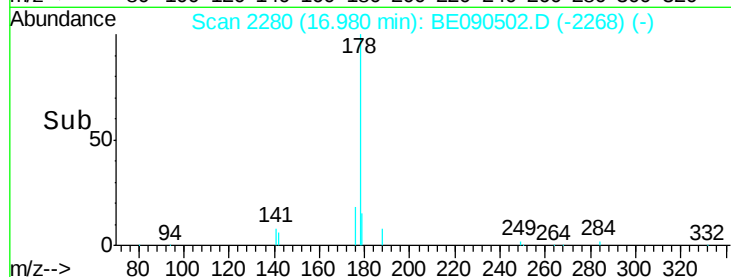
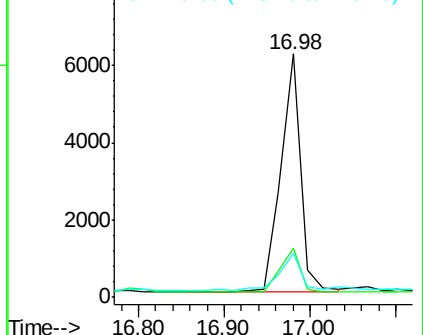
179 18.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.14 ng

RT: 18.98 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BE090502.D

Acq: 13 Aug 2015 16:24

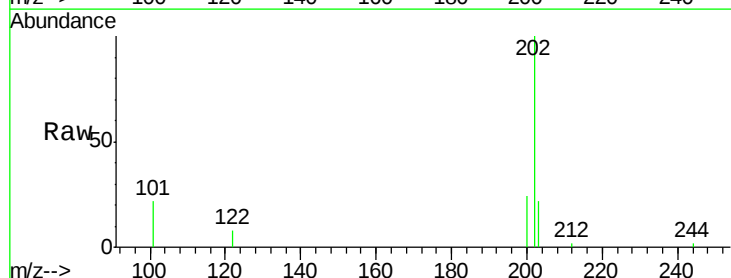
Tgt Ion:202 Resp: 5186

Ion Ratio Lower Upper

202 100

101 35.8 10.3 15.5#

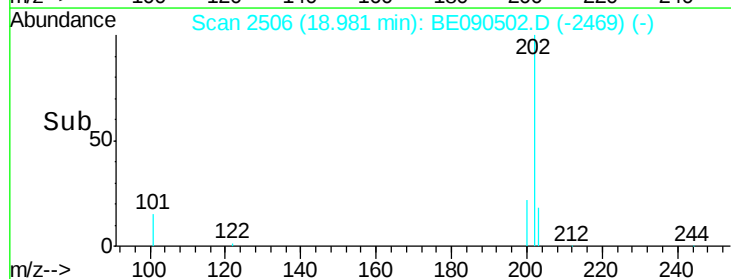
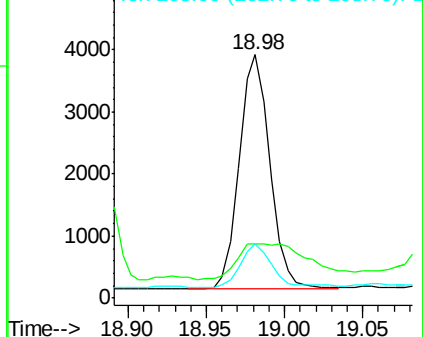
203 18.8 13.7 20.5

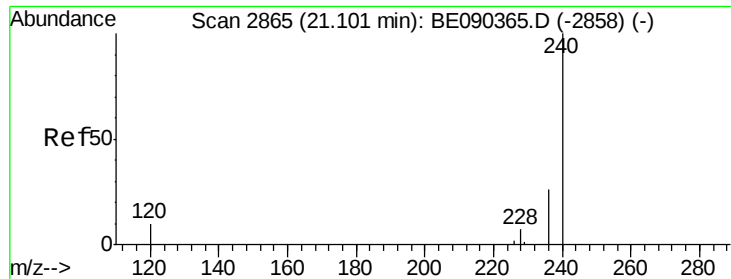


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090502.D

Acq: 13 Aug 2015 16:24

Instrument :

BNA_E

ClientSampleId :

CSB-08DL

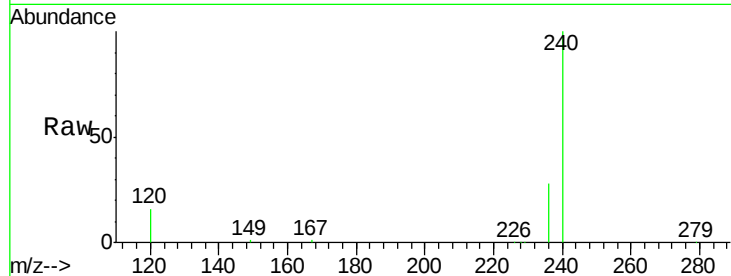
Tgt Ion:240 Resp: 155523

Ion Ratio Lower Upper

240 100

120 15.9 8.3 12.5#

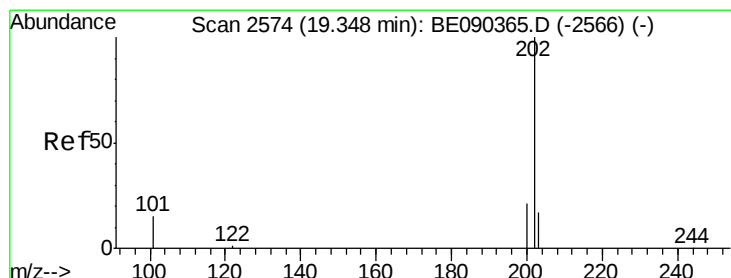
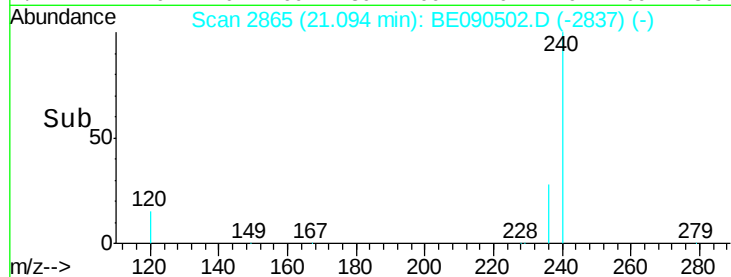
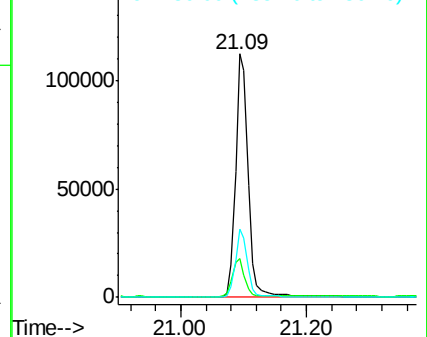
236 28.0 21.0 31.4



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



#26

Pyrene

Concen: 0.07 ng

RT: 19.34 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BE090502.D

Acq: 13 Aug 2015 16:24

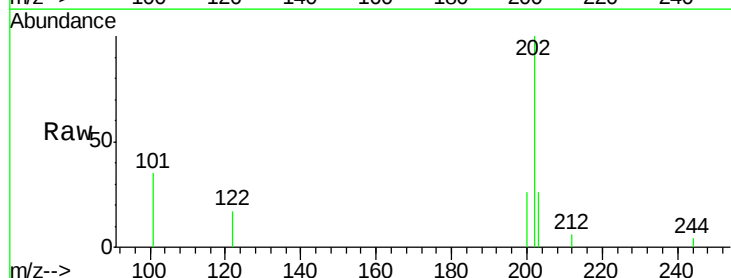
Tgt Ion:202 Resp: 2463

Ion Ratio Lower Upper

202 100

200 24.7 16.7 25.1

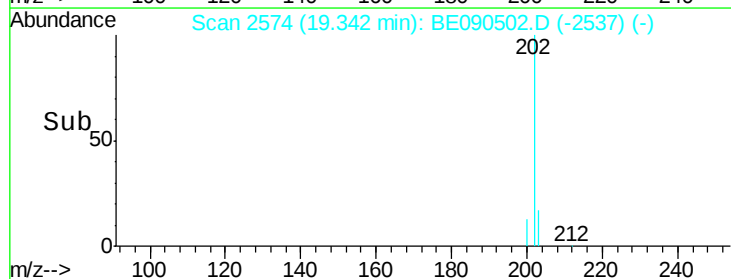
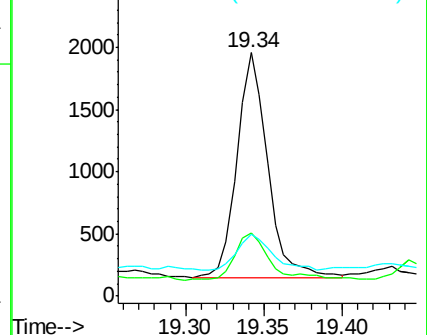
203 18.0 13.8 20.8

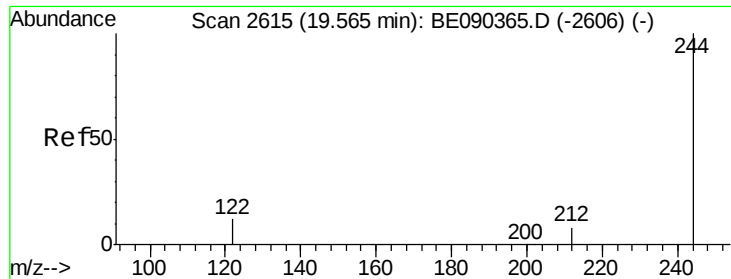


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

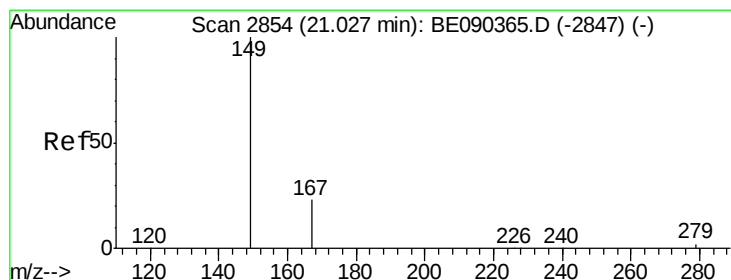
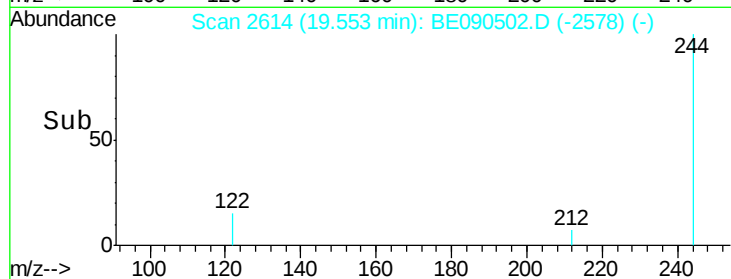
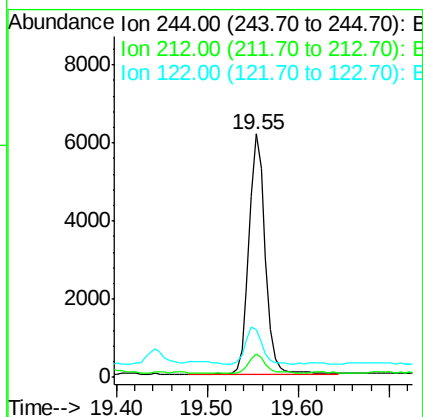
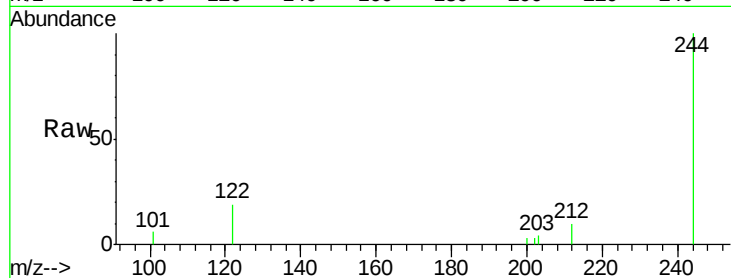




#27
 Terphenyl-d14
 Concen: 0.33 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090502.D
 Acq: 13 Aug 2015 16:24

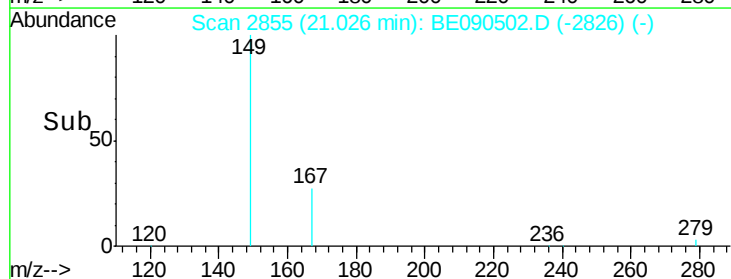
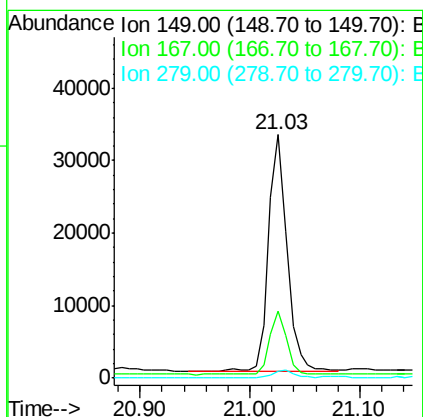
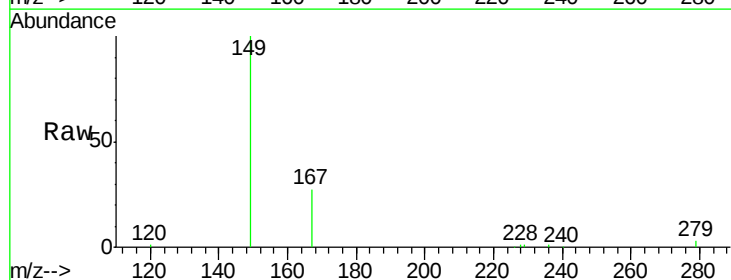
Instrument :
 BNA_E
 ClientSampleId :
 CSB-08DL

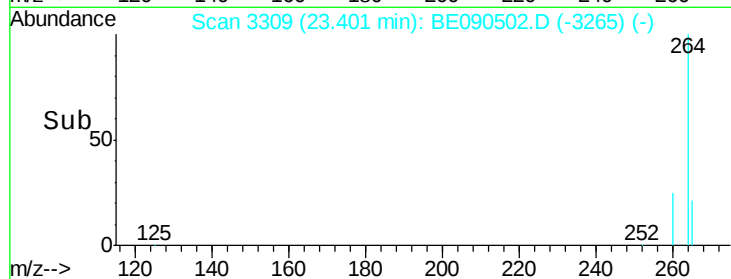
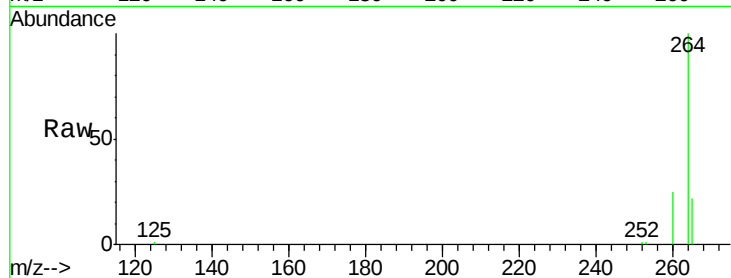
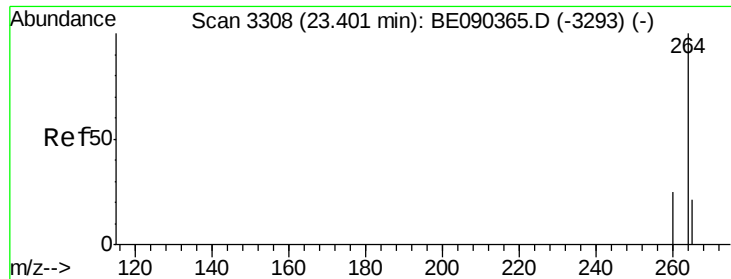
Tgt Ion:244 Resp: 7635
 Ion Ratio Lower Upper
 244 100
 212 9.7 6.6 9.8
 122 19.5 10.2 15.4#



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 3.54 ng
 RT: 21.03 min Scan# 2855
 Delta R.T. -0.00 min
 Lab File: BE090502.D
 Acq: 13 Aug 2015 16:24

Tgt Ion:149 Resp: 38837
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.8 29.8
 279 2.8 2.4 3.6





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3309

Delta R.T. -0.00 min

Lab File: BE090502.D

Acq: 13 Aug 2015 16:24

Instrument :

BNA_E

ClientSampleId :

CSB-08DL

Tgt Ion:264 Resp: 143810

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 22.0 17.2 25.8

