

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
 Data File : BE090495.D
 Acq On : 13 Aug 2015 8:00
 Operator : UM/IZ
 Sample : G3248-08
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSB-10

Quant Time: Aug 13 14:06:49 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	24739	5.00	ng	-0.01
6) Naphthalene-d8	10.33	136	111631	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	62821	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	134628	5.00	ng	0.00
25) Chrysene-d12	21.10	240	150120	5.00	ng	0.00
32) Perylene-d12	23.40	264	150358	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	41794	11.26	ng	0.00
5) Phenol-d6	6.77	99	64108	7.96	ng	0.00
7) Nitrobenzene-d5	8.72	82	36652	4.07	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	20671	9.74	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	71036	4.11	ng	0.00
27) Terphenyl-d14	19.55	244	103234	4.67	ng	0.00

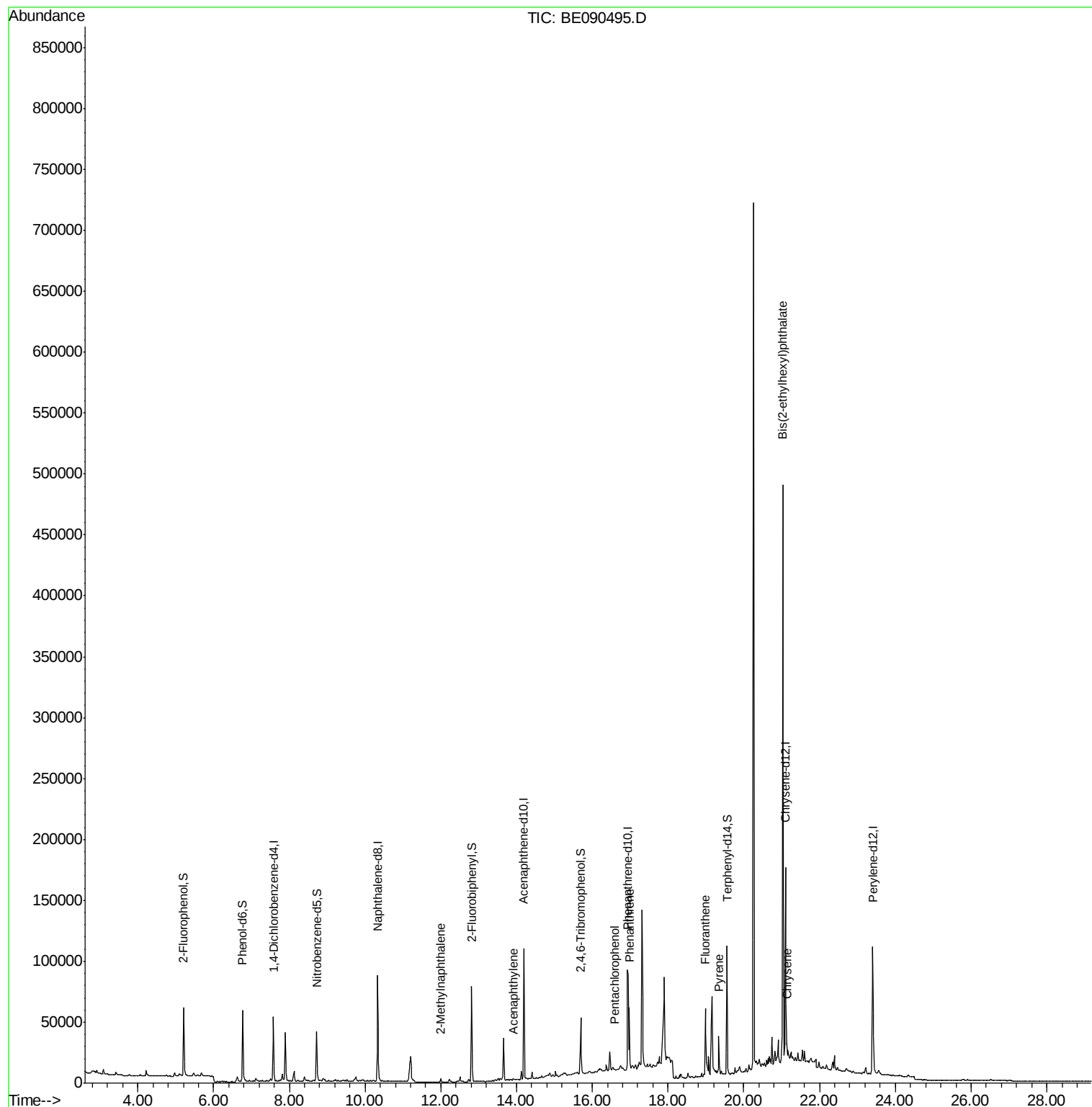
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) 2-Methylnaphthalene	12.00	142	1876	0.13	ng	# 77
15) Acenaphthylene	13.91	152	2338	0.02	ng	# 90
21) Pentachlorophenol	16.60	266	676	0.82	ng	96
22) Phenanthrene	16.98	178	53166	1.58	ng	99
24) Fluoranthene	18.98	202	47245	1.42	ng	# 92
26) Pyrene	19.34	202	26143	0.80	ng	97
29) Chrysene	21.13	228	10219	0.25	ng	# 72
30) Bis(2-ethylhexyl)phthalate	21.03	149	461445	18.60	ng	98

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
Data File : BE090495.D
Acq On : 13 Aug 2015 8:00
Operator : UM/IZ
Sample : G3248-08
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CSB-10

Quant Time: Aug 13 14:06:49 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# 844

Delta R.T. -0.01 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

Instrument :

BNA_E

ClientSampleId :

CSB-10

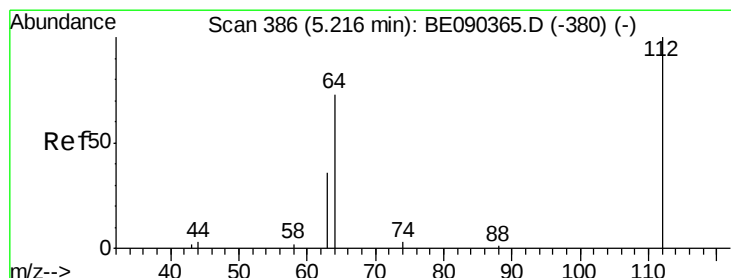
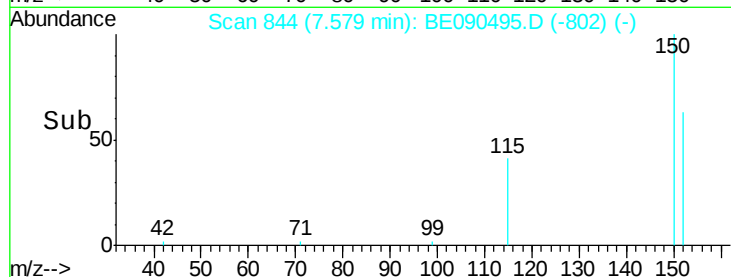
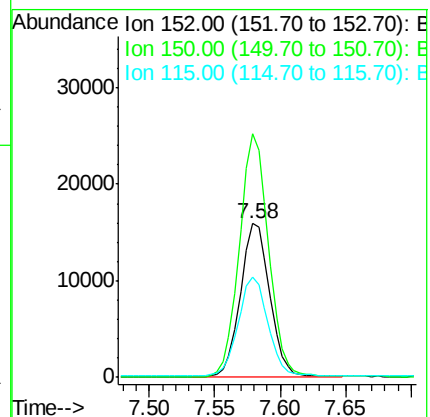
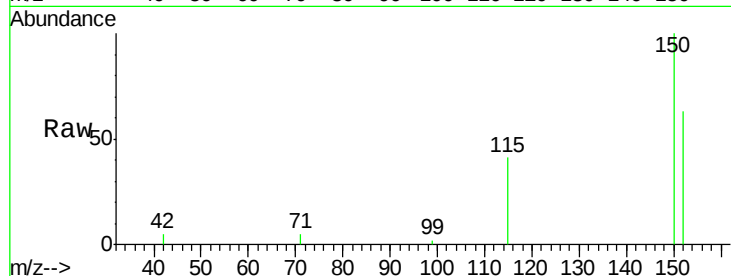
Tgt Ion:152 Resp: 24739

Ion Ratio Lower Upper

152 100

150 158.1 123.0 184.4

115 65.5 48.9 73.3



#4

2-Fluorophenol

Concen: 11.26 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

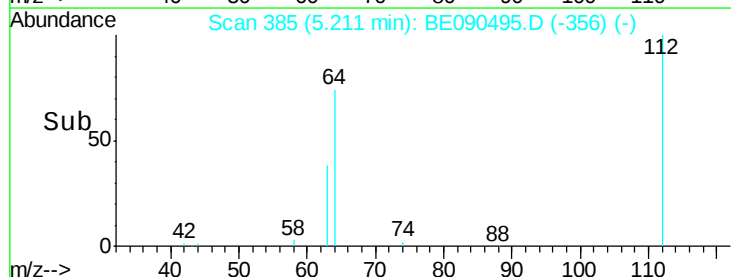
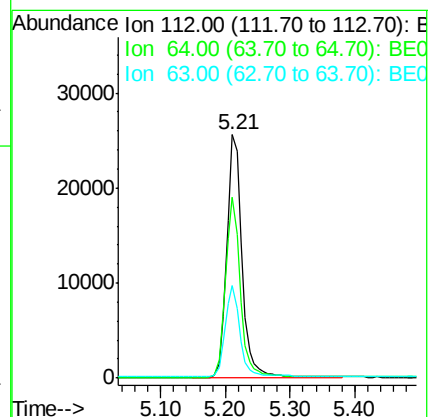
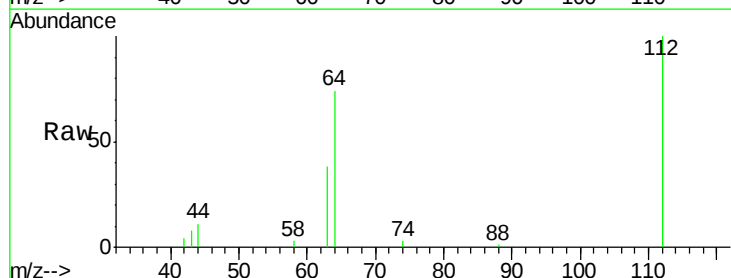
Tgt Ion:112 Resp: 41794

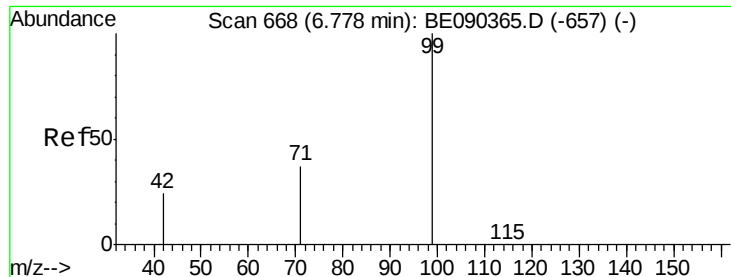
Ion Ratio Lower Upper

112 100

64 72.2 37.1 55.7#

63 37.1 19.5 29.3#





#5

Phenol-d6

Concen: 7.96 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

Instrument :

BNA_E

ClientSampleId :

CSB-10

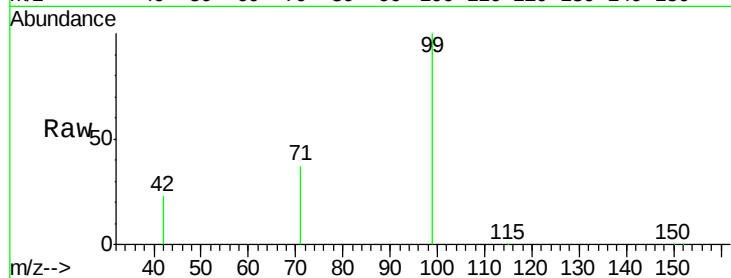
Tgt Ion: 99 Resp: 64108

Ion Ratio Lower Upper

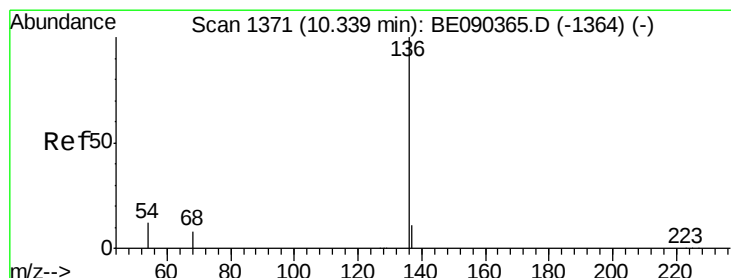
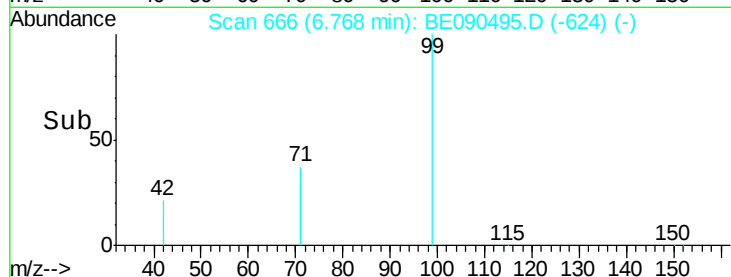
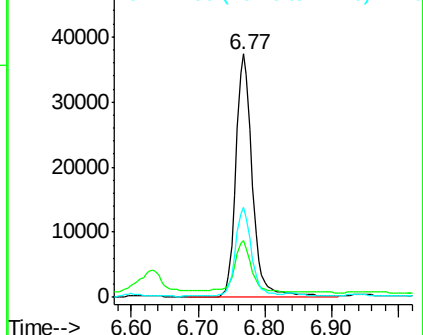
99 100

42 21.4 18.2 27.4

71 35.7 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: BE090495.D

Acq: 13 Aug 2015 8:00

Tgt Ion: 136 Resp: 111631

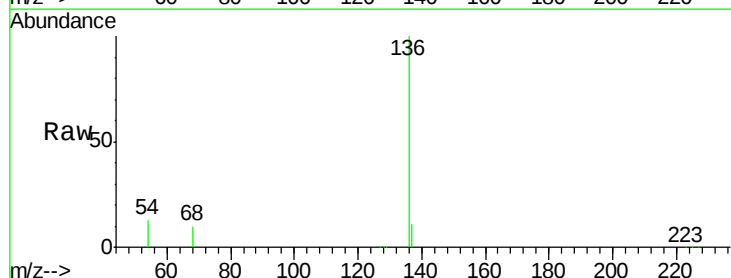
Ion Ratio Lower Upper

136 100

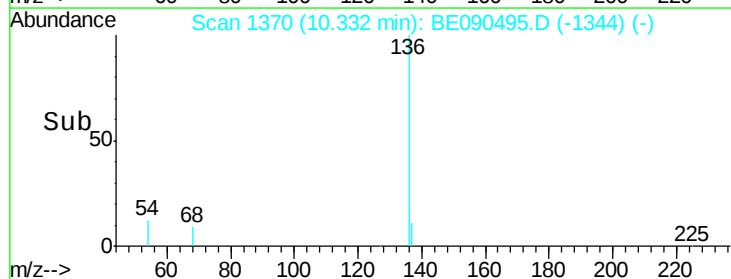
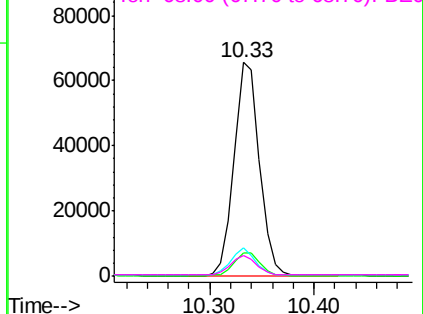
137 11.1 8.7 13.1

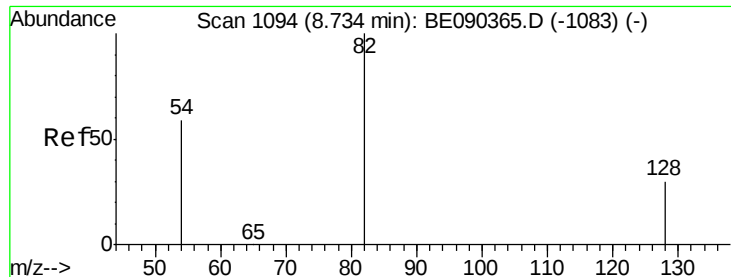
54 12.9 9.4 14.0

68 9.6 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: 4.07 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

Instrument :

BNA_E

ClientSampleId :

CSB-10

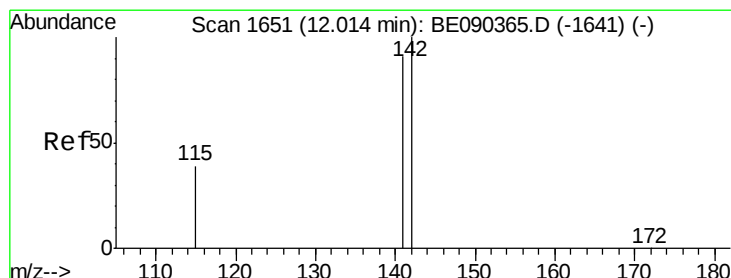
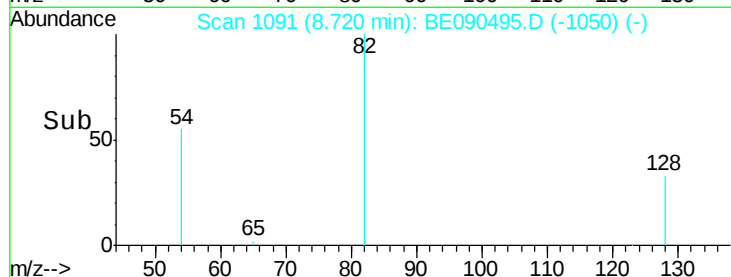
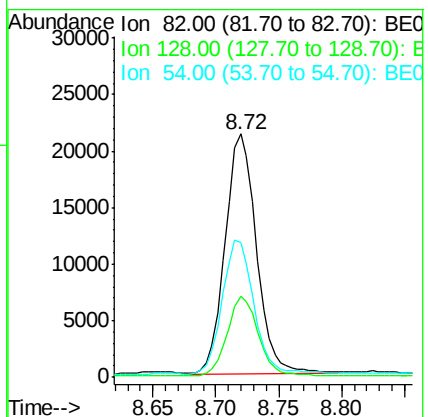
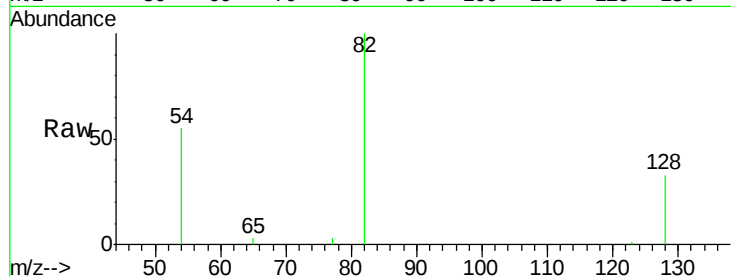
Tgt Ion: 82 Resp: 36652

Ion Ratio Lower Upper

82 100

128 33.3 25.0 37.6

54 55.5 48.8 73.2



#11

2-Methylnaphthalene

Concen: 0.13 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

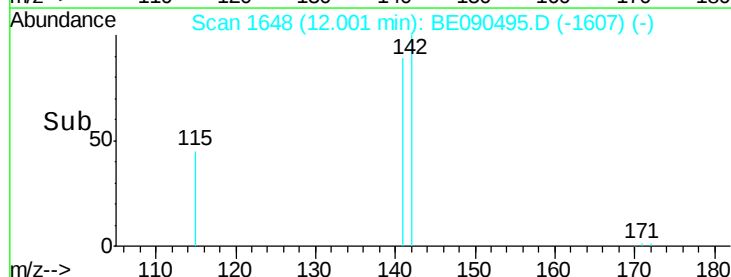
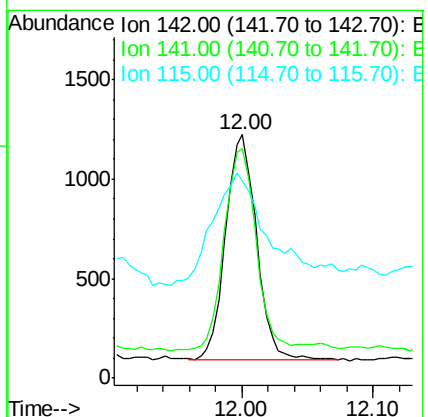
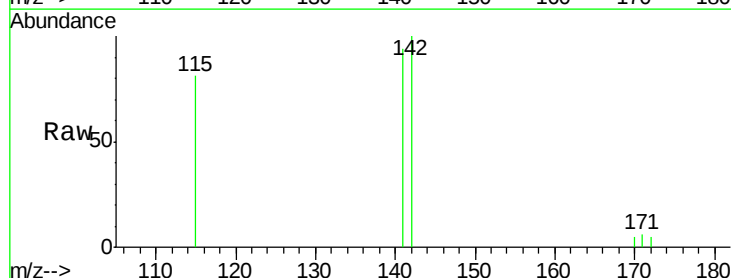
Tgt Ion: 142 Resp: 1876

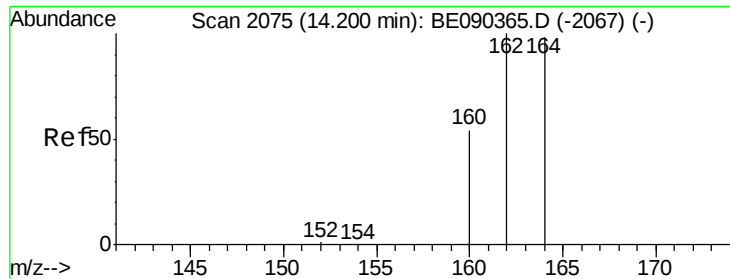
Ion Ratio Lower Upper

142 100

141 94.4 72.6 109.0

115 81.4 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: BE090495.D

Acq: 13 Aug 2015 8:00

Instrument :

BNA_E

ClientSampleId :

CSB-10

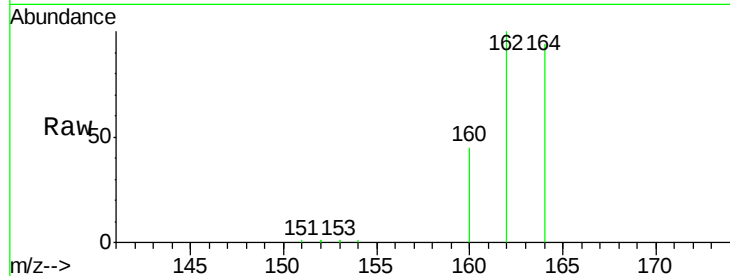
Tgt Ion:164 Resp: 62821

Ion Ratio Lower Upper

164 100

162 106.7 81.8 122.8

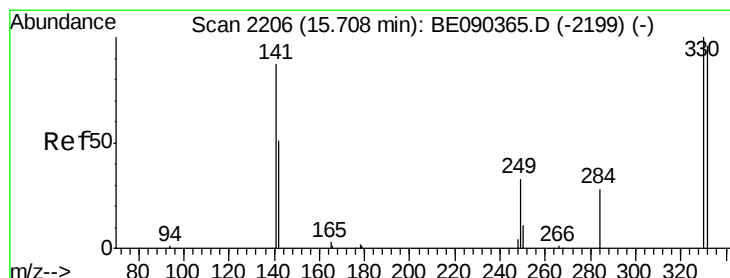
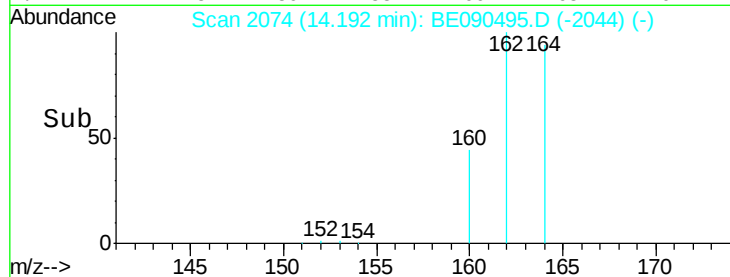
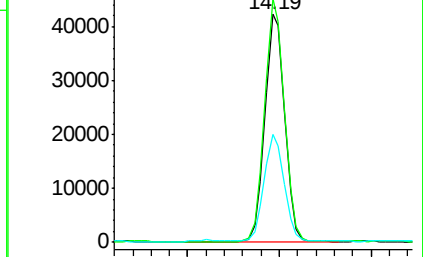
160 47.5 44.2 66.4



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: 9.74 ng

RT: 15.69 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

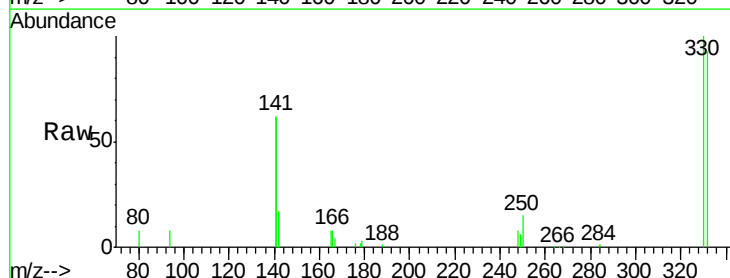
Tgt Ion:330 Resp: 20671

Ion Ratio Lower Upper

330 100

332 97.9 75.8 113.6

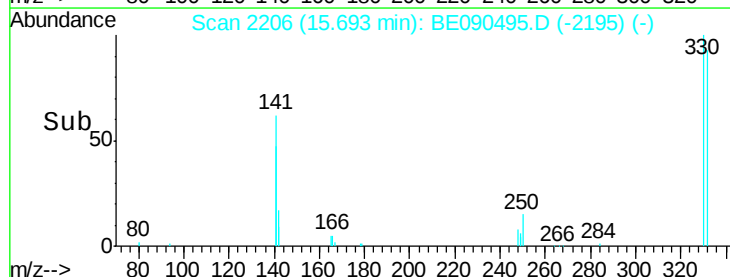
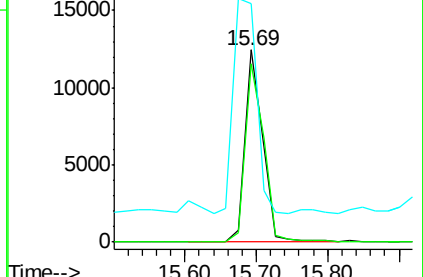
141 149.3 114.4 171.6

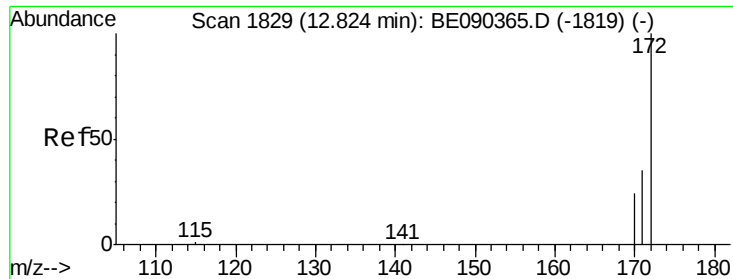


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

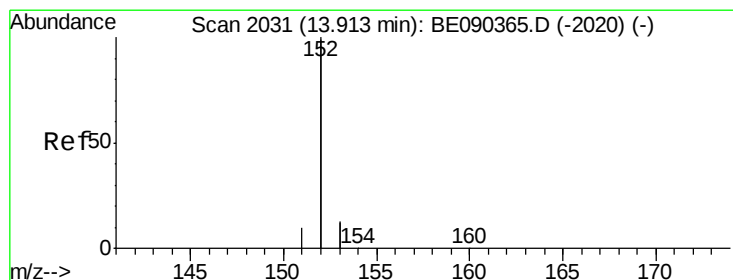
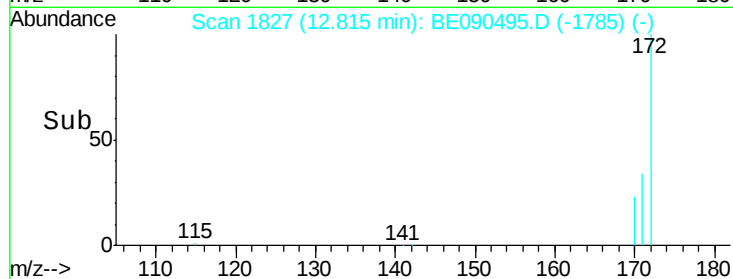
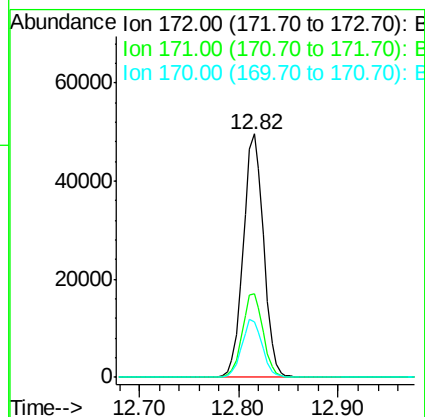
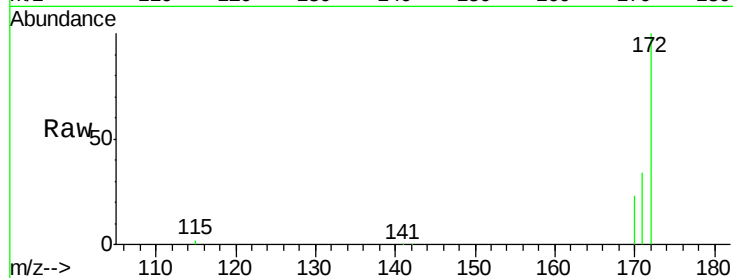




#14
2-Fluorobiphenyl
Concen: 4.11 ng
RT: 12.82 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BE090495.D
Acq: 13 Aug 2015 8:00

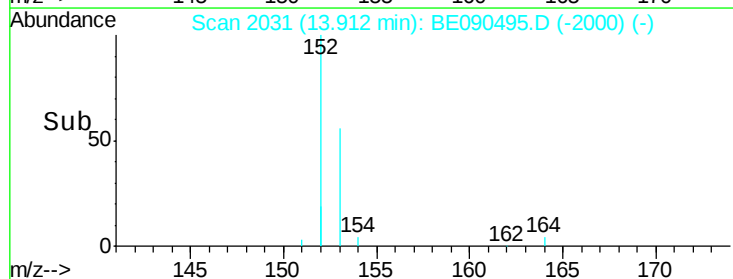
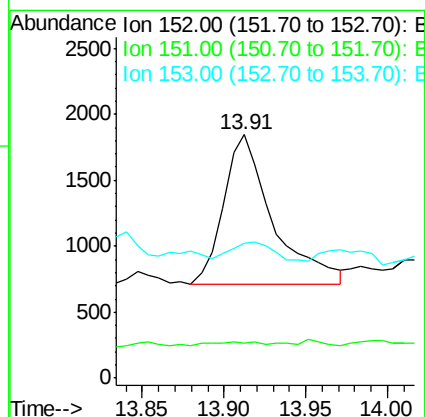
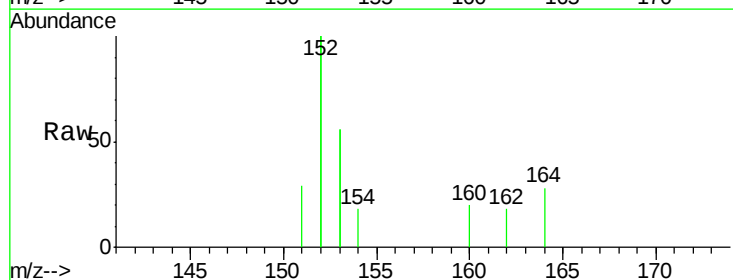
Instrument :
BNA_E
ClientSampleId :
CSB-10

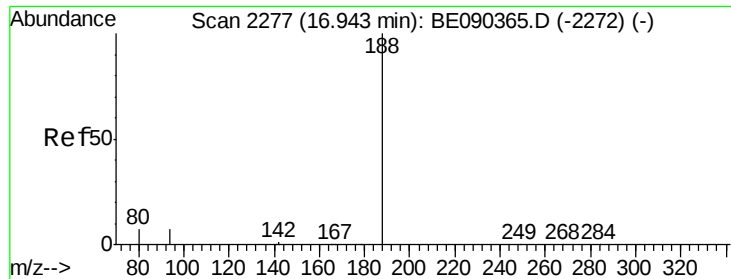
Tgt Ion:172 Resp: 71036
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 22.7 19.8 29.8



#15
Acenaphthylene
Concen: 0.02 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090495.D
Acq: 13 Aug 2015 8:00

Tgt Ion:152 Resp: 2338
Ion Ratio Lower Upper
152 100
151 2.2 3.8 5.8#
153 17.0 10.3 15.5#

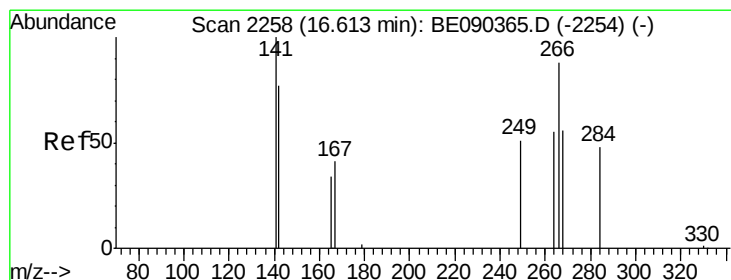
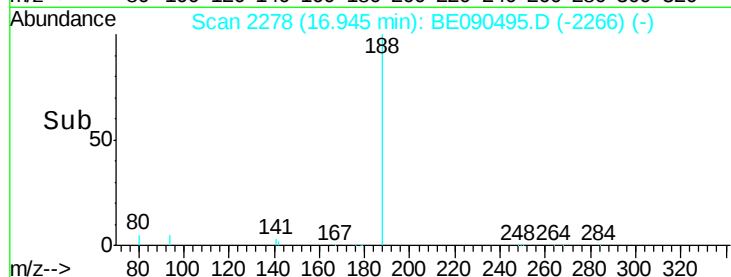
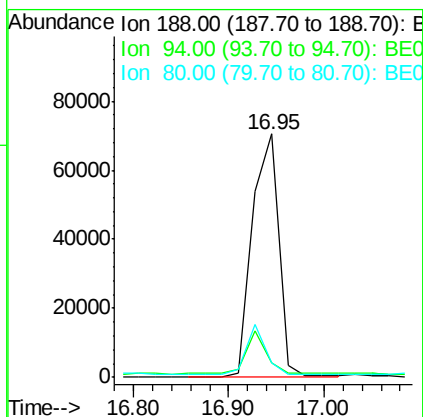
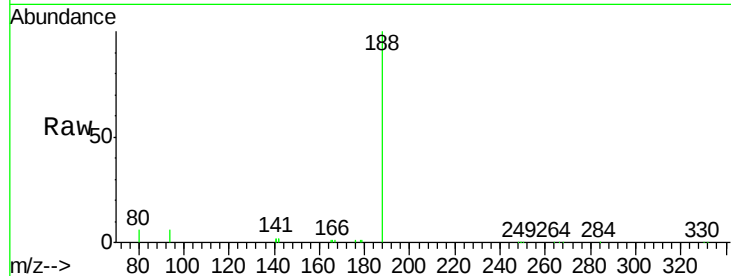




#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.95 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BE090495.D
 Acq: 13 Aug 2015 8:00

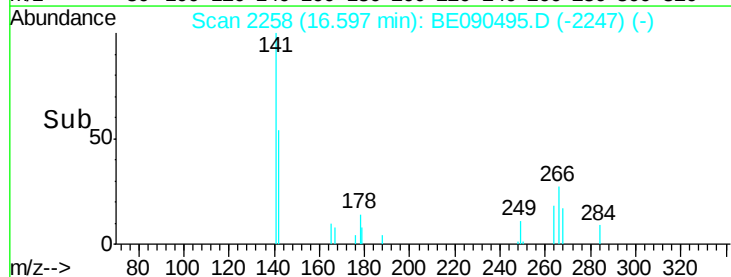
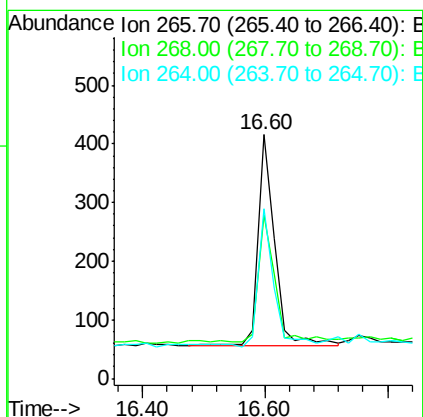
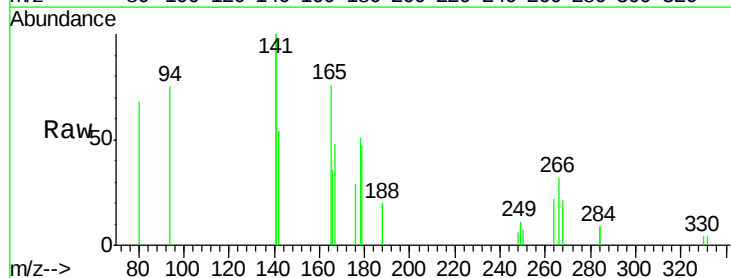
Instrument :
 BNA_E
 ClientSampleId :
 CSB-10

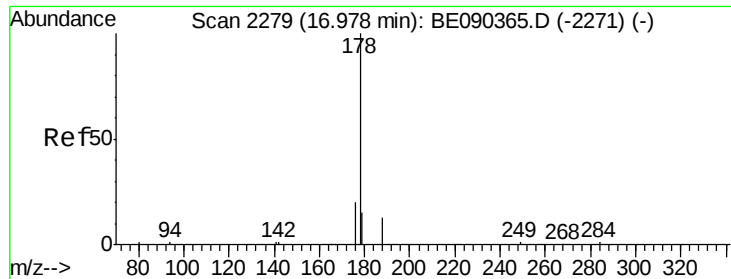
Tgt Ion:188 Resp: 134628
 Ion Ratio Lower Upper
 188 100
 94 6.1 5.7 8.5
 80 5.8 5.8 8.8#



#21
 Pentachlorophenol
 Concen: 0.82 ng
 RT: 16.60 min Scan# 2258
 Delta R.T. -0.01 min
 Lab File: BE090495.D
 Acq: 13 Aug 2015 8:00

Tgt Ion:266 Resp: 676
 Ion Ratio Lower Upper
 266 100
 268 67.1 58.5 87.7
 264 69.5 56.0 84.0





#22

Phenanthrene

Concen: 1.58 ng

RT: 16.98 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

Instrument :

BNA_E

ClientSampled :

CSB-10

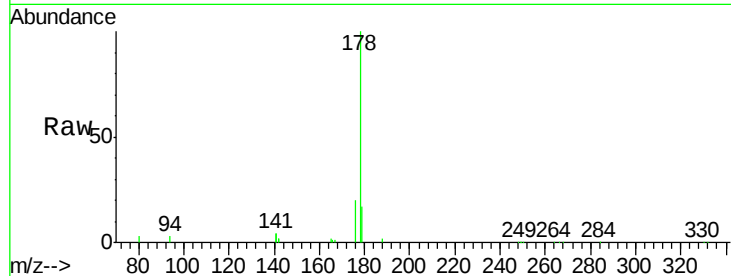
Tgt Ion:178 Resp: 53166

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

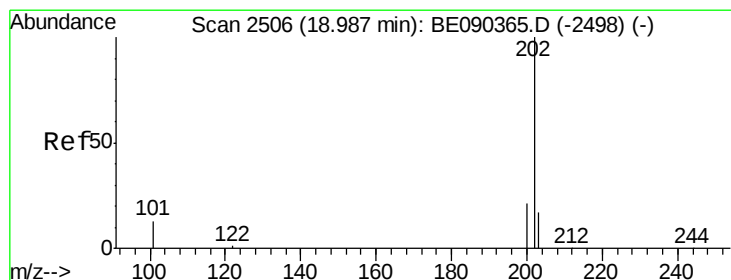
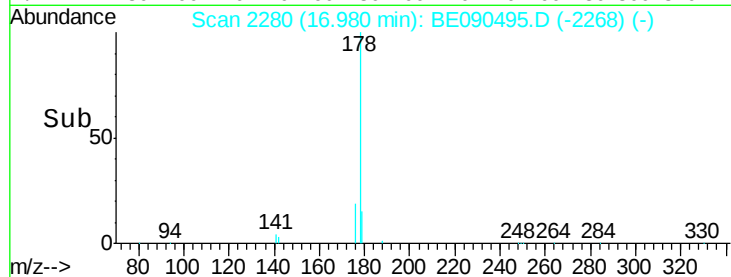
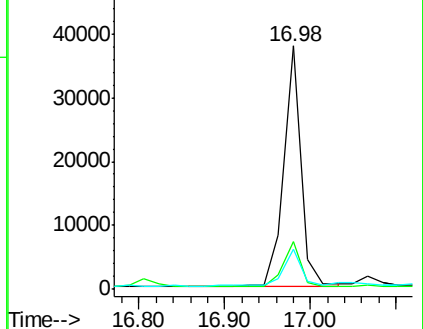
179 16.2 12.5 18.7



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: 1.42 ng

RT: 18.98 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

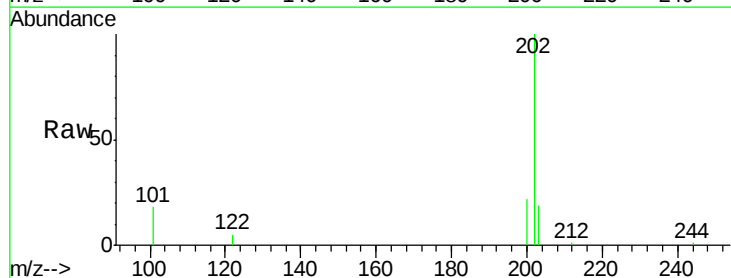
Tgt Ion:202 Resp: 47245

Ion Ratio Lower Upper

202 100

101 18.6 10.3 15.5#

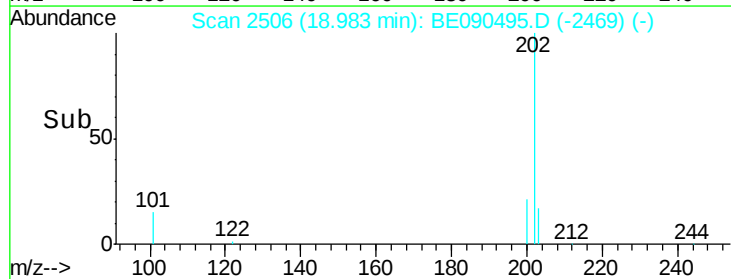
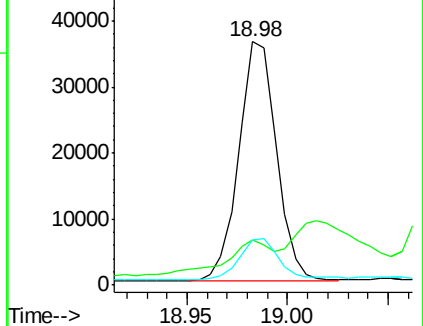
203 18.6 13.7 20.5

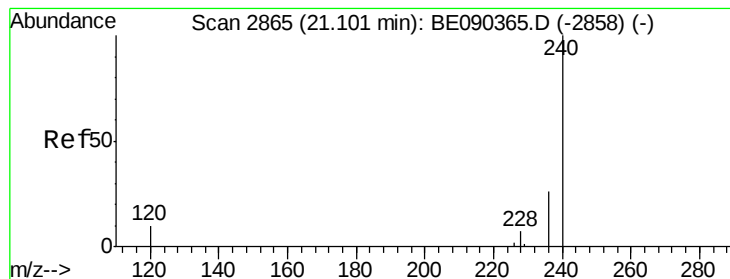


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.10 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

Instrument :

BNA_E

ClientSampleId :

CSB-10

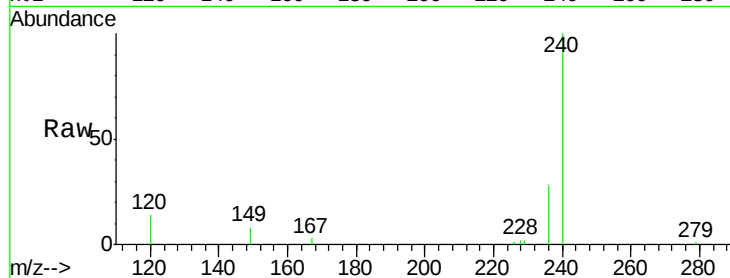
Tgt Ion:240 Resp: 150120

Ion Ratio Lower Upper

240 100

120 14.2 8.3 12.5#

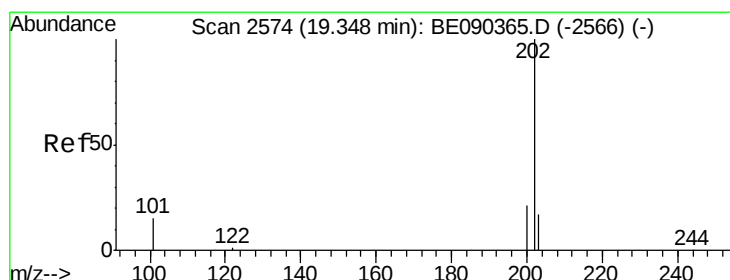
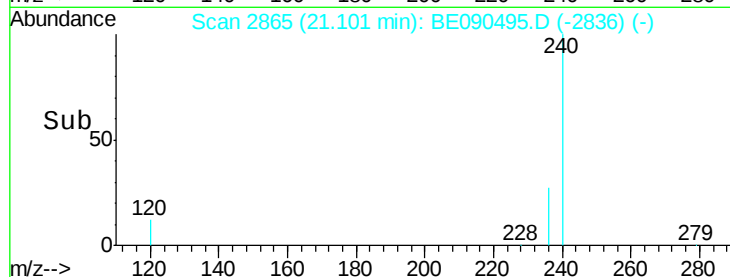
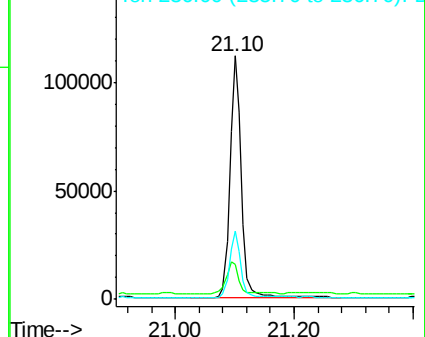
236 27.9 21.0 31.4



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: 0.80 ng

RT: 19.34 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

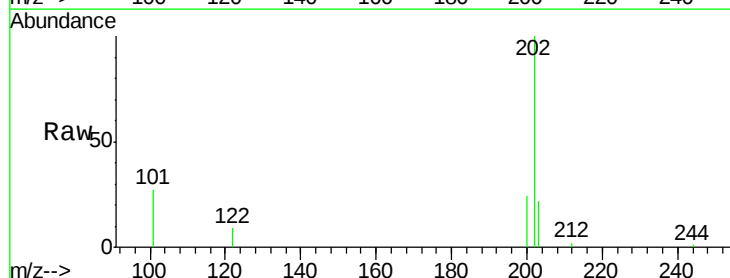
Tgt Ion:202 Resp: 26143

Ion Ratio Lower Upper

202 100

200 22.2 16.7 25.1

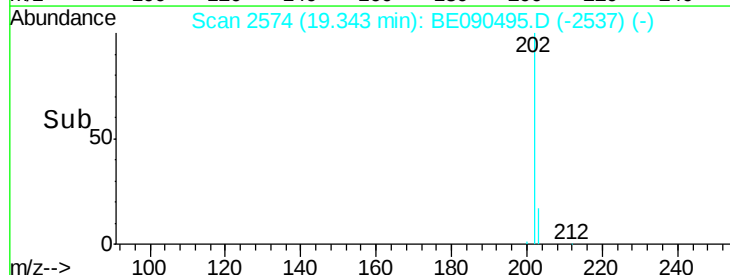
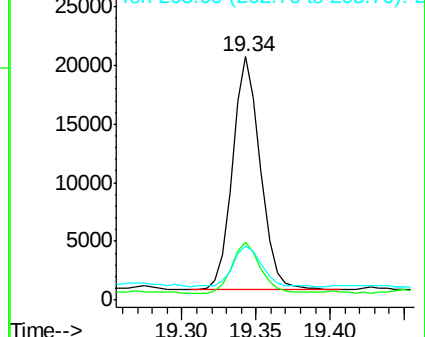
203 18.4 13.8 20.8

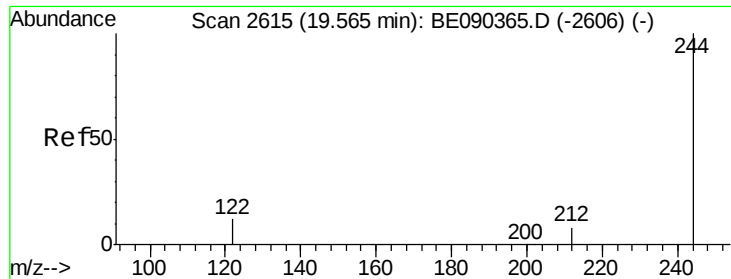


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 4.67 ng

RT: 19.55 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

Instrument :

BNA_E

ClientSampleId :

CSB-10

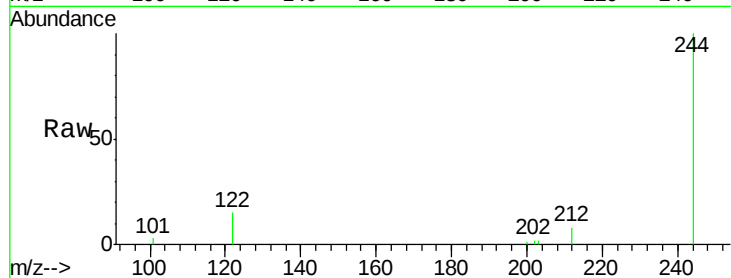
Tgt Ion:244 Resp: 103234

Ion Ratio Lower Upper

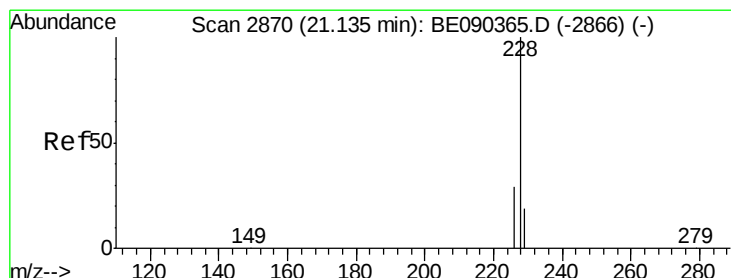
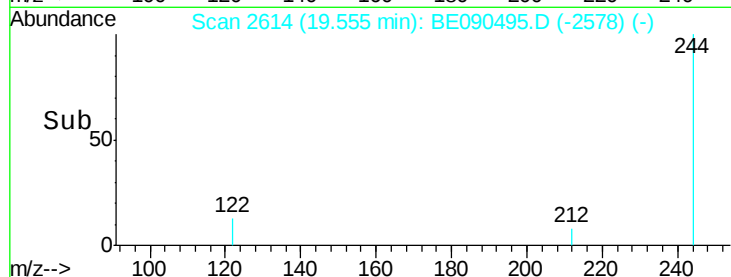
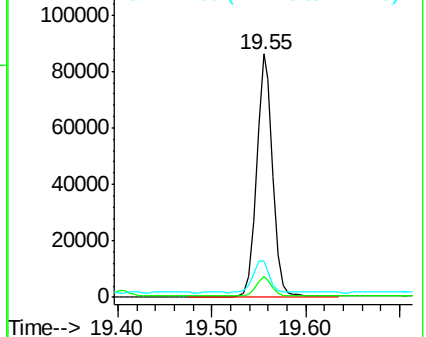
244 100

212 8.4 6.6 9.8

122 15.1 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



#29

Chrysene

Concen: 0.25 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

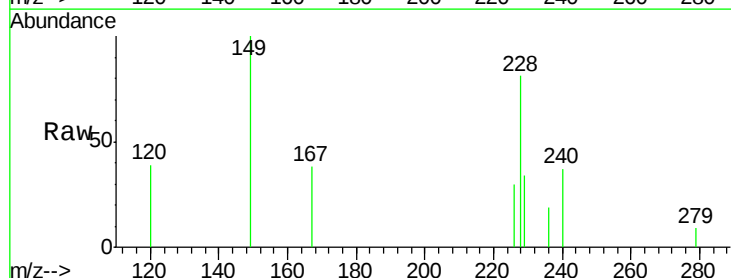
Tgt Ion:228 Resp: 10219

Ion Ratio Lower Upper

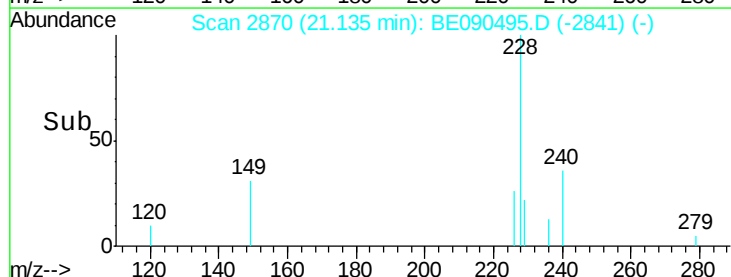
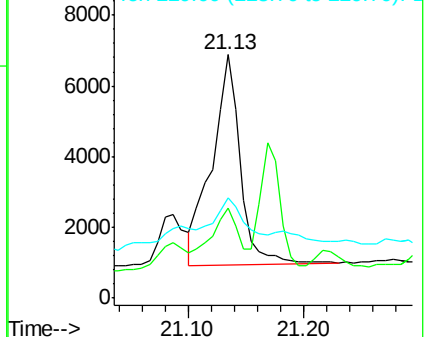
228 100

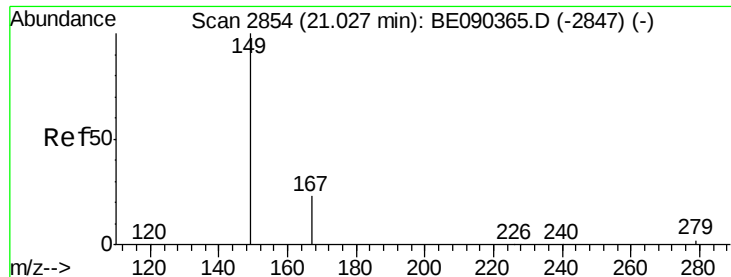
226 37.1 23.1 34.7#

229 41.4 15.8 23.8#



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: 18.60 ng

RT: 21.03 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

Instrument :

BNA_E

ClientSampleId :

CSB-10

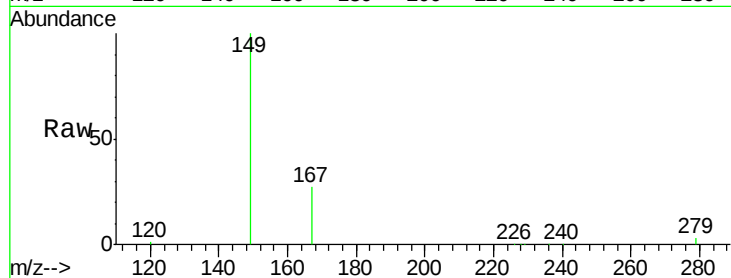
Tgt Ion:149 Resp: 461445

Ion Ratio Lower Upper

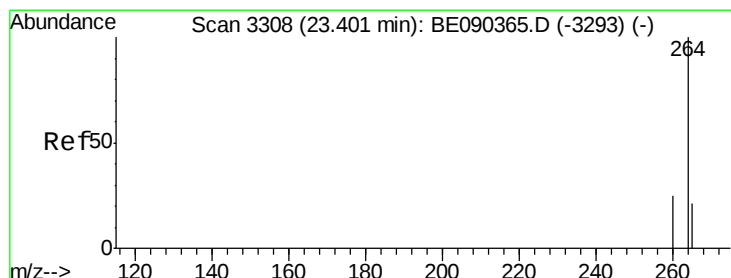
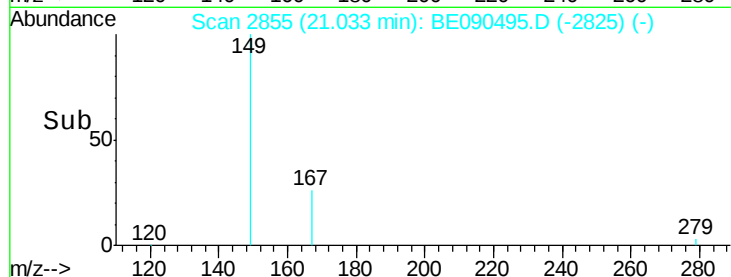
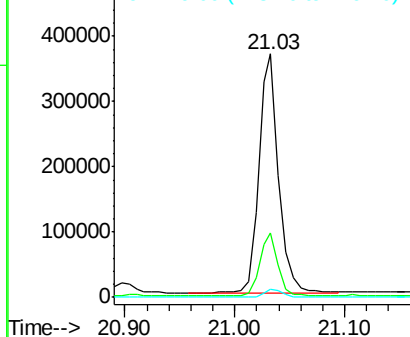
149 100

167 23.7 19.8 29.8

279 3.1 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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3309

Delta R.T. 0.00 min

Lab File: BE090495.D

Acq: 13 Aug 2015 8:00

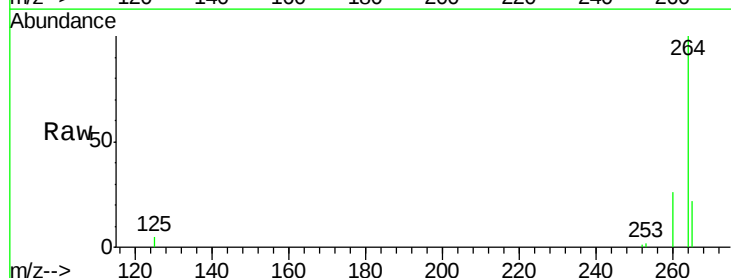
Tgt Ion:264 Resp: 150358

Ion Ratio Lower Upper

264 100

260 25.7 20.1 30.1

265 22.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

