

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
 Data File : BE090489.D
 Acq On : 13 Aug 2015 4:22
 Operator : UM/IZ
 Sample : G3248-03
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSB-11

Quant Time: Aug 13 13:33:07 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

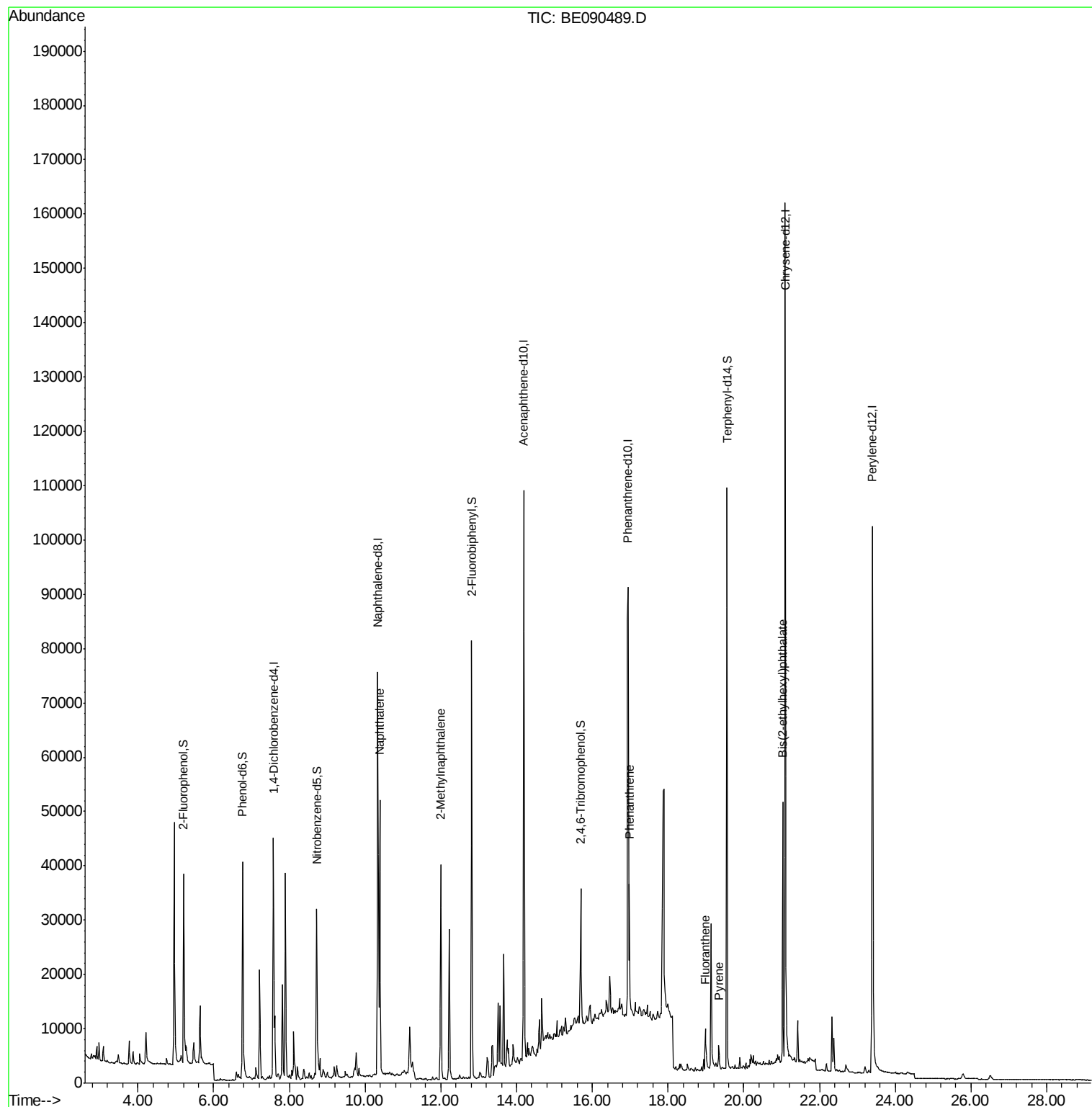
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20258	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	96206	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	57387	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	130515	5.00	ng	0.00
25) Chrysene-d12	21.09	240	153345	5.00	ng	0.00
32) Perylene-d12	23.40	264	146718	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	27832	9.16	ng	0.00
5) Phenol-d6	6.76	99	48019	7.30	ng	-0.01
7) Nitrobenzene-d5	8.72	82	30172	3.90	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	11223	6.86	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	76087	4.82	ng	-0.01
27) Terphenyl-d14	19.55	244	108902	4.82	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.38	128	69553	3.27	ng	98
11) 2-Methylnaphthalene	12.00	142	28716	2.33	ng	97
22) Phenanthrene	16.98	178	24903	0.76	ng	98
24) Fluoranthene	18.98	202	6380	0.20	ng	# 79
26) Pyrene	19.34	202	3848	0.12	ng	96
30) Bis(2-ethylhexyl)phthalate	21.03	149	44390	3.95	ng	100

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081215\
Data File : BE090489.D
Acq On : 13 Aug 2015 4:22
Operator : UM/IZ
Sample : G3248-03
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CSB-11

Quant Time: Aug 13 13:33:07 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

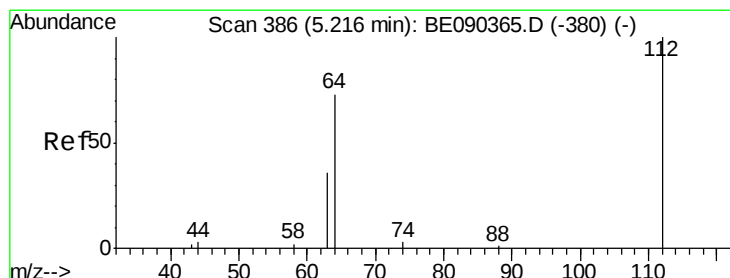
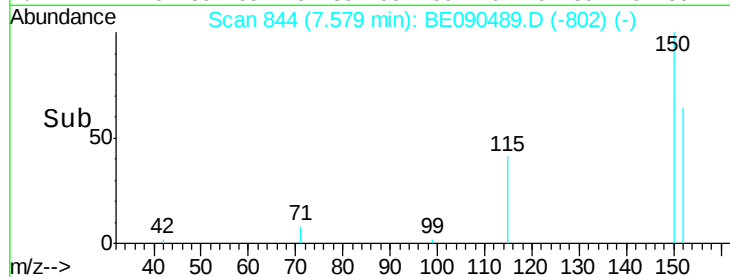
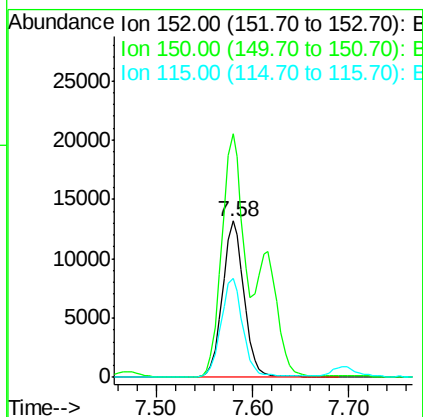
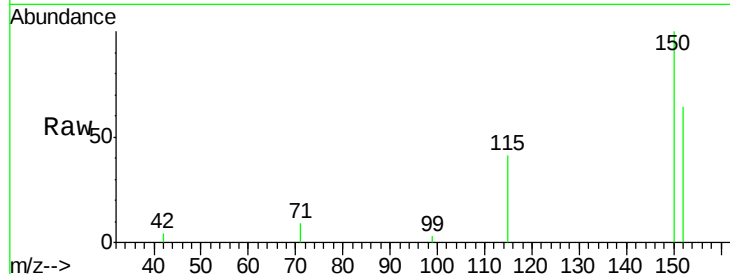




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BE090489.D
 Acq: 13 Aug 2015 4:22

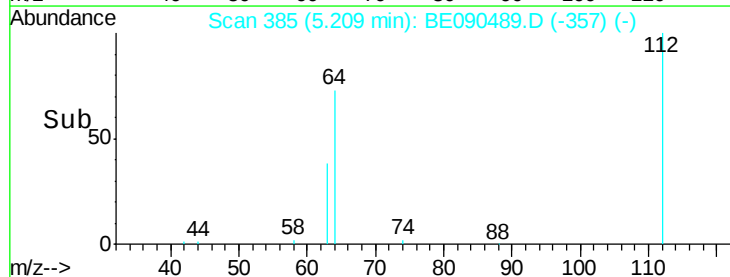
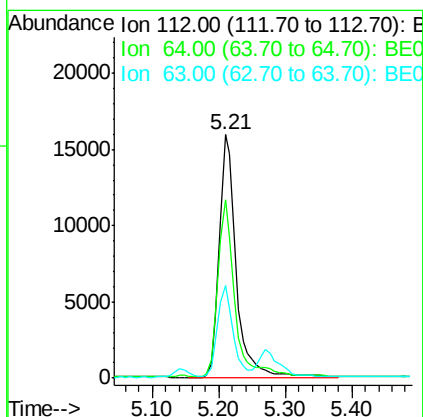
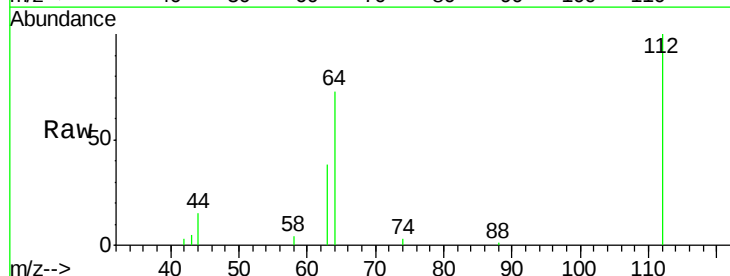
Instrument :
 BNA_E
 ClientSampled :
 CSB-11

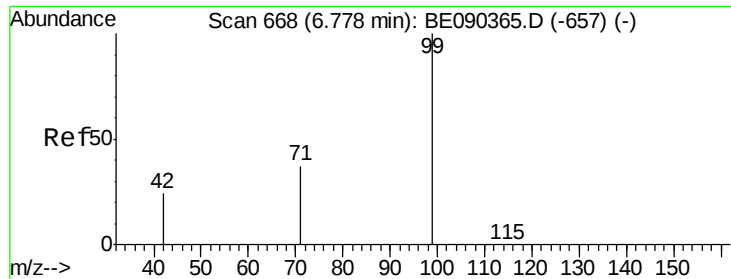
Tgt Ion:152 Resp: 20258
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.0 184.4
 115 63.6 48.9 73.3



#4
 2-Fluorophenol
 Concen: 9.16 ng
 RT: 5.21 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: BE090489.D
 Acq: 13 Aug 2015 4:22

Tgt Ion:112 Resp: 27832
 Ion Ratio Lower Upper
 112 100
 64 73.8 37.1 55.7#
 63 34.6 19.5 29.3#





#5

Phenol-d6

Concen: 7.30 ng

RT: 6.76 min Scan# 665

Delta R.T. -0.01 min

Lab File: BE090489.D

Acq: 13 Aug 2015 4:22

Instrument :

BNA_E

ClientSampleId :

CSB-11

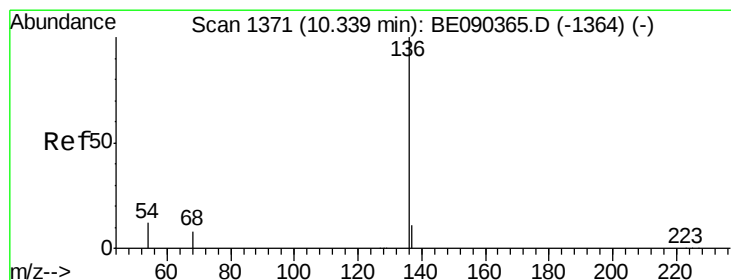
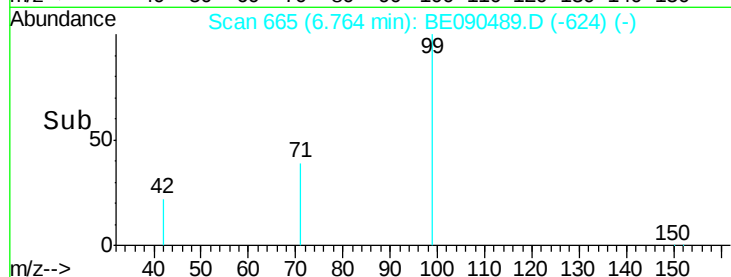
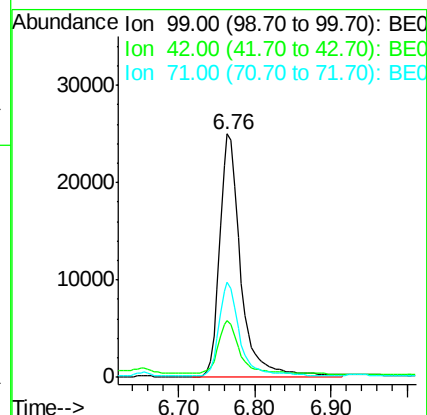
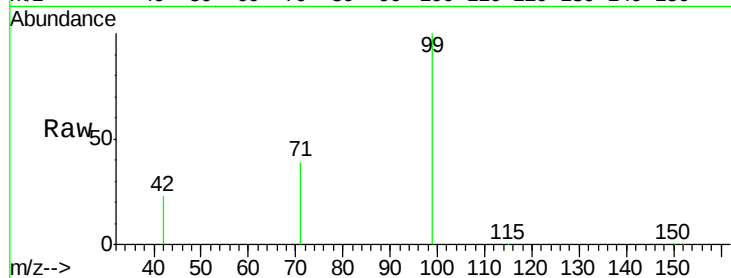
Tgt Ion: 99 Resp: 48019

Ion Ratio Lower Upper

99 100

42 22.8 18.2 27.4

71 37.9 27.4 41.0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE090489.D

Acq: 13 Aug 2015 4:22

Tgt Ion: 136 Resp: 96206

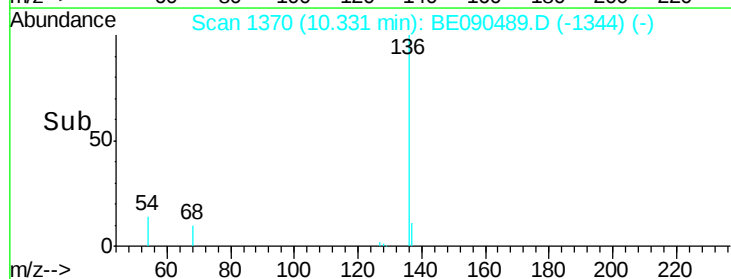
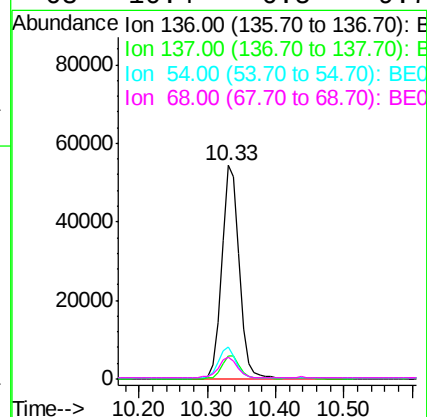
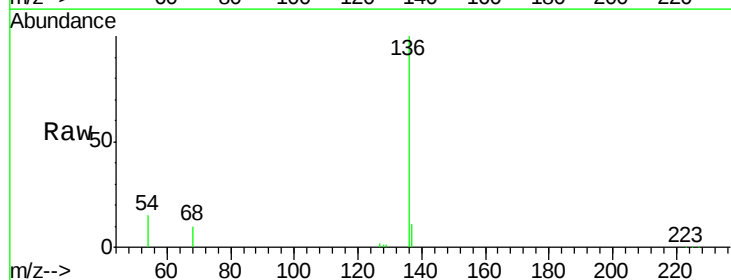
Ion Ratio Lower Upper

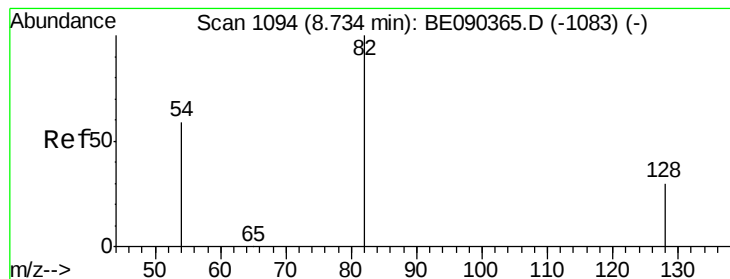
136 100

137 10.9 8.7 13.1

54 14.7 9.4 14.0#

68 10.4 6.5 9.7#





#7

Nitrobenzene-d5

Concen: 3.90 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090489.D

Acq: 13 Aug 2015 4:22

Instrument :

BNA_E

ClientSampleId :

CSB-11

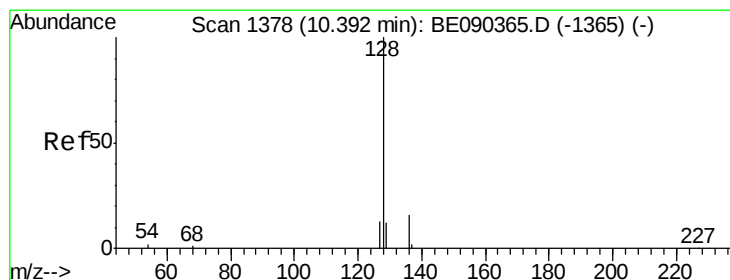
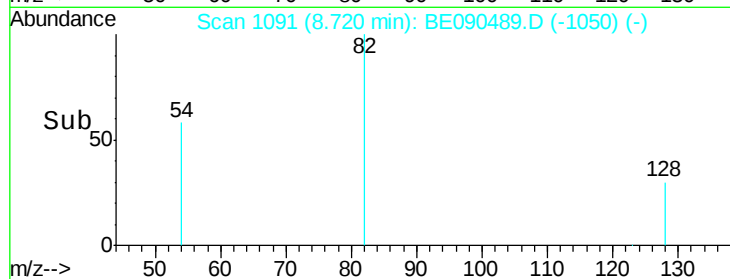
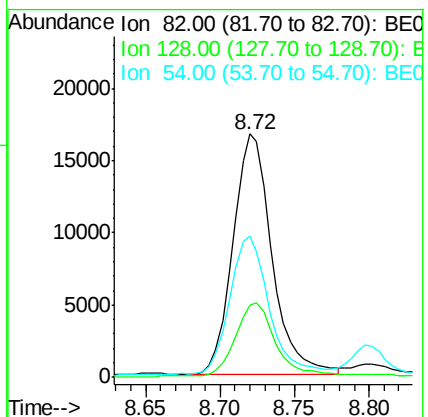
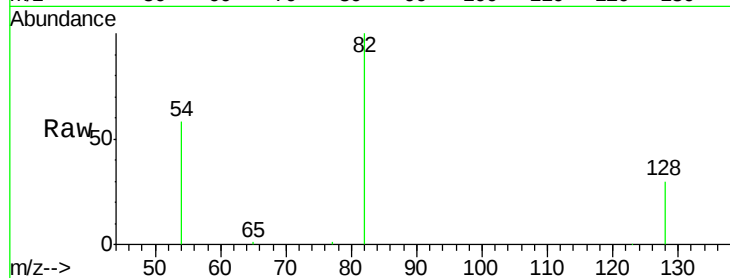
Tgt Ion: 82 Resp: 30172

Ion Ratio Lower Upper

82 100

128 29.8 25.0 37.6

54 57.9 48.8 73.2



#9

Naphthalene

Concen: 3.27 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090489.D

Acq: 13 Aug 2015 4:22

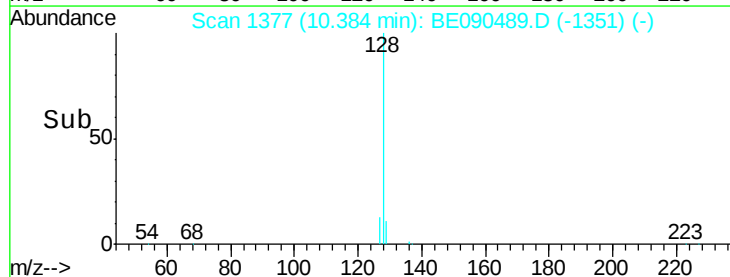
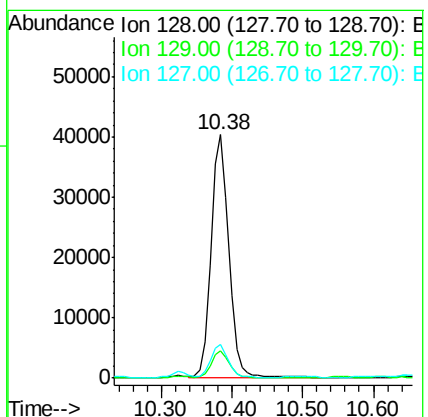
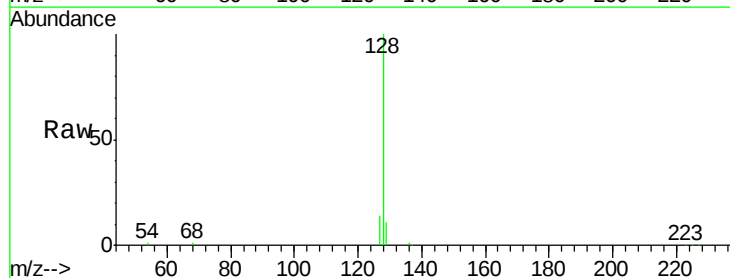
Tgt Ion: 128 Resp: 69553

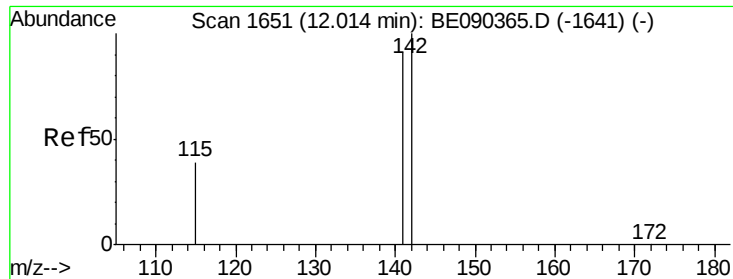
Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.6

127 13.6 10.6 16.0

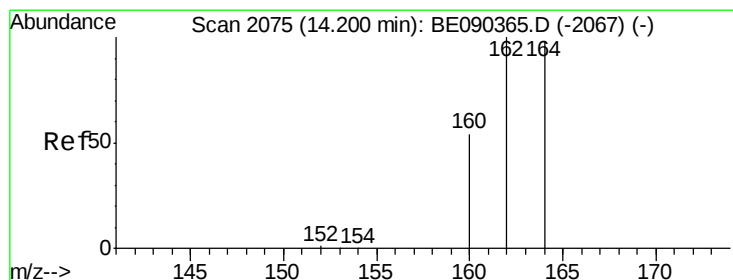
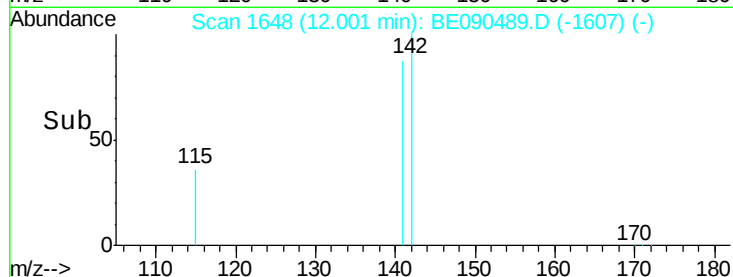
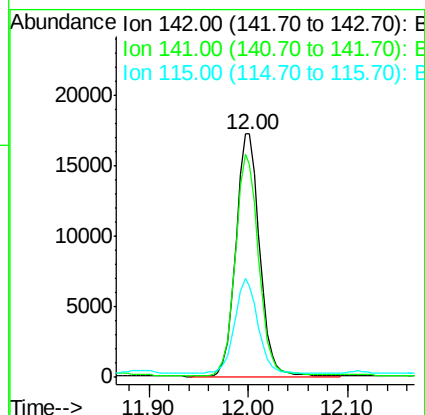
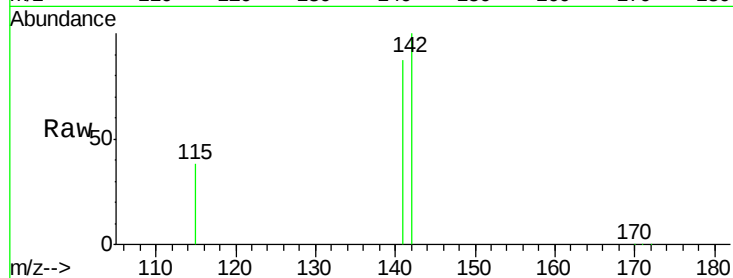




#11
2-Methylnaphthalene
Concen: 2.33 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090489.D
Acq: 13 Aug 2015 4:22

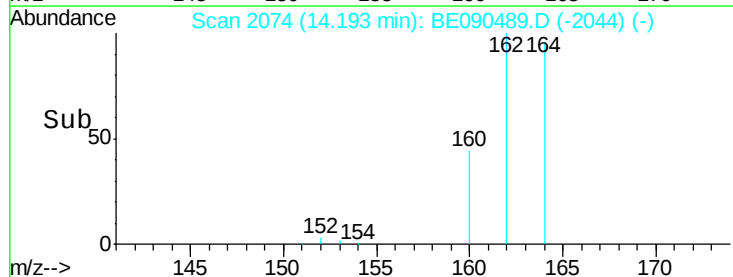
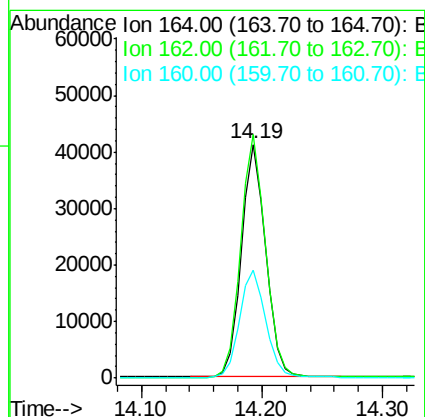
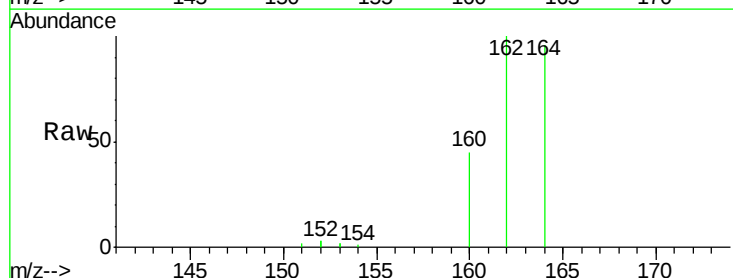
Instrument :
BNA_E
ClientSampleId :
CSB-11

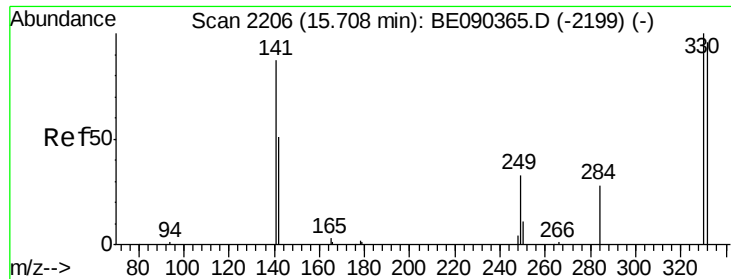
Tgt Ion:142 Resp: 28716
Ion Ratio Lower Upper
142 100
141 87.5 72.6 109.0
115 37.7 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090489.D
Acq: 13 Aug 2015 4:22

Tgt Ion:164 Resp: 57387
Ion Ratio Lower Upper
164 100
162 104.2 81.8 122.8
160 46.4 44.2 66.4

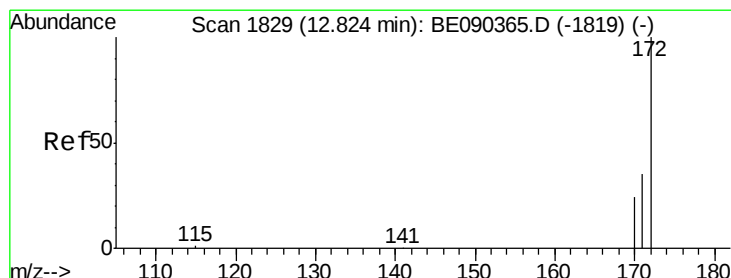
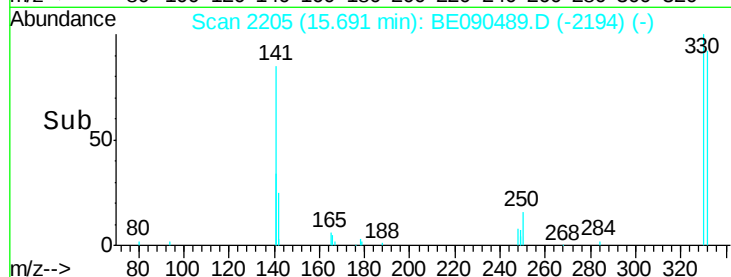
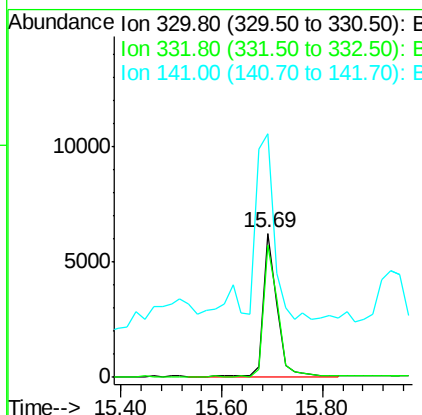
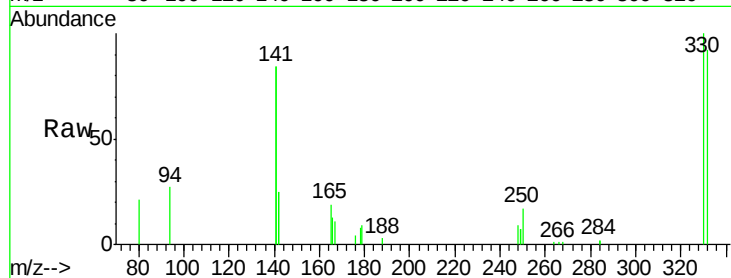




#13
 2,4,6-Tribromophenol
 Concen: 6.86 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090489.D
 Acq: 13 Aug 2015 4:22

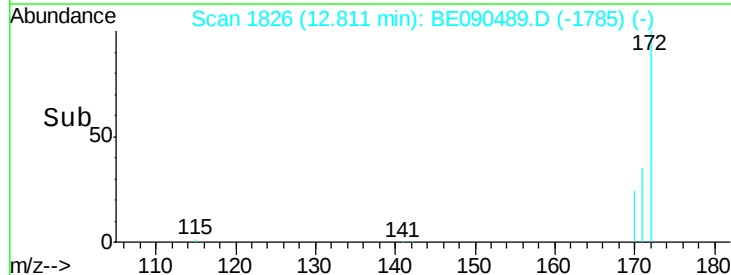
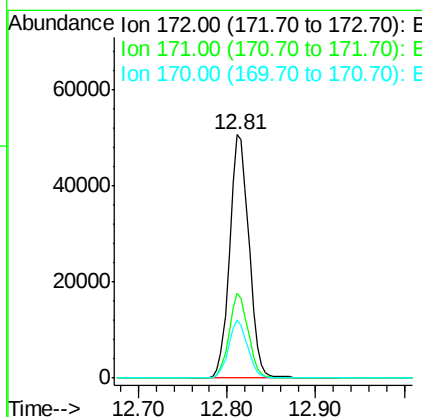
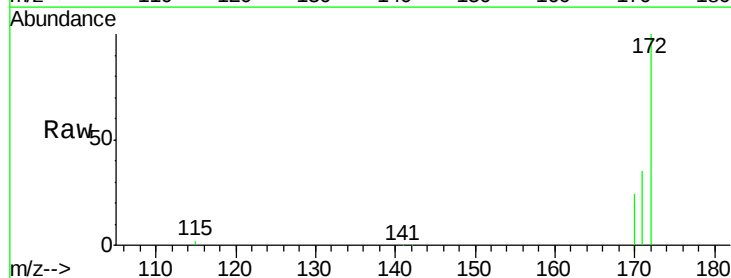
Instrument :
 BNA_E
 ClientSampleId :
 CSB-11

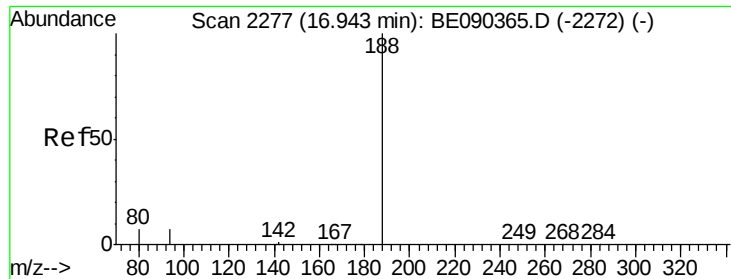
Tgt Ion: 330 Resp: 11223
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.8 113.6
 141 193.3 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 4.82 ng
 RT: 12.81 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BE090489.D
 Acq: 13 Aug 2015 4:22

Tgt Ion: 172 Resp: 76087
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.9 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: BE090489.D

Acq: 13 Aug 2015 4:22

Instrument :

BNA_E

ClientSampleId :

CSB-11

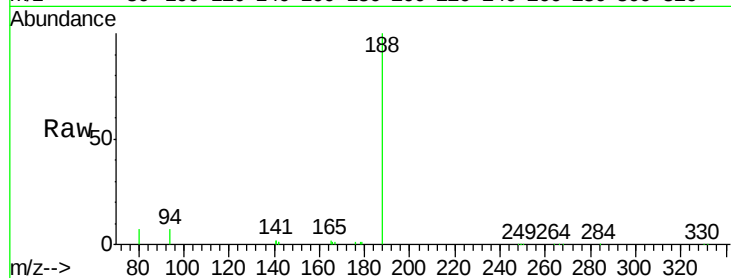
Tgt Ion:188 Resp: 130515

Ion Ratio Lower Upper

188 100

94 6.8 5.7 8.5

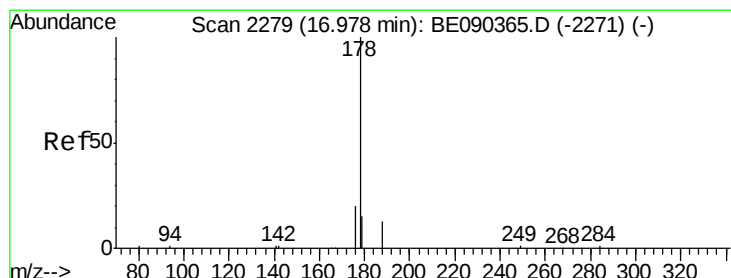
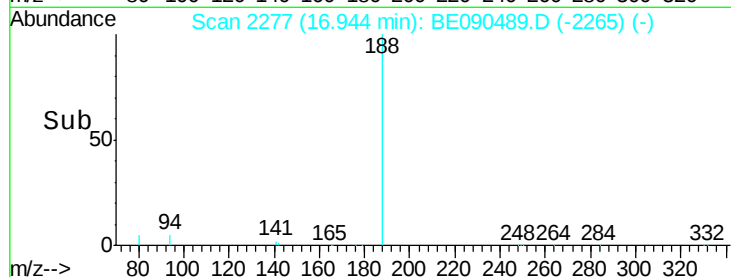
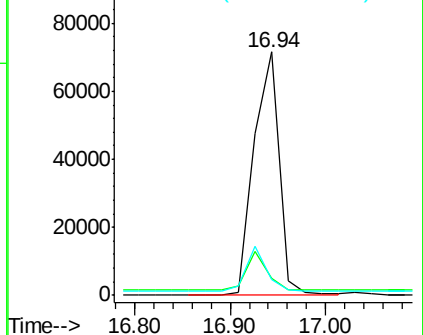
80 6.6 5.8 8.8



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



#22

Phenanthrene

Concen: 0.76 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE090489.D

Acq: 13 Aug 2015 4:22

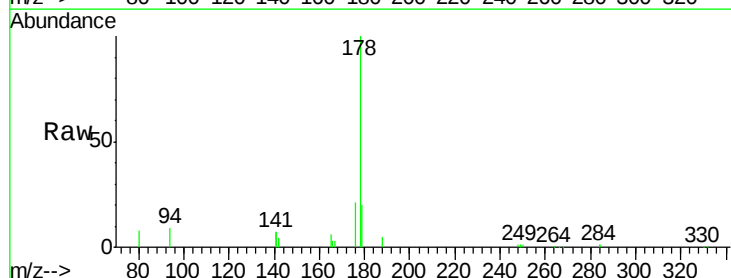
Tgt Ion:178 Resp: 24903

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

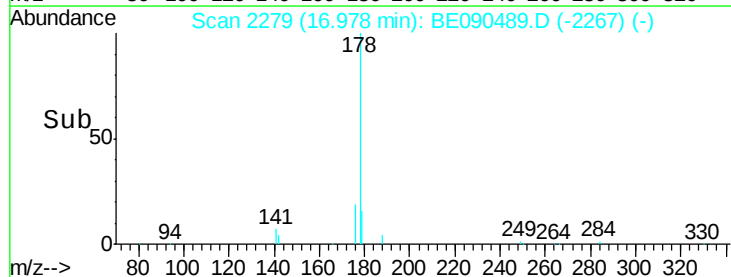
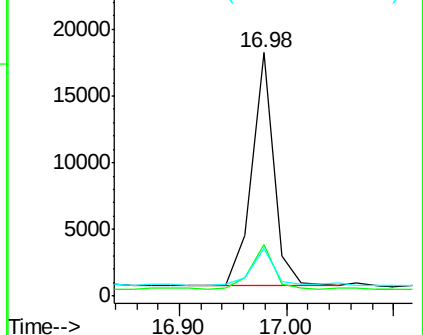
179 17.9 12.5 18.7

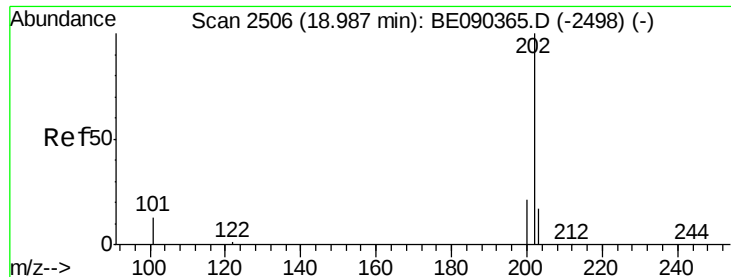


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Fluoranthene

Concen: 0.20 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BE090489.D

Acq: 13 Aug 2015 4:22

Instrument :

BNA_E

ClientSampleId :

CSB-11

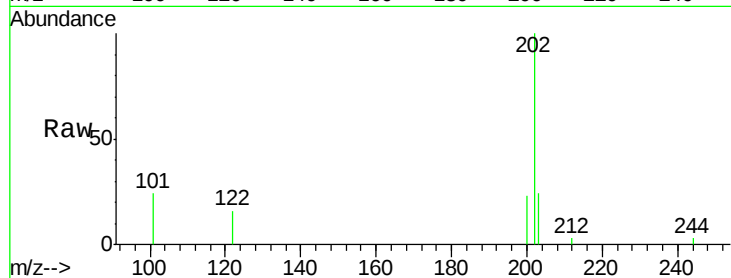
Tgt Ion:202 Resp: 6380

Ion Ratio Lower Upper

202 100

101 0.0 10.3 15.5#

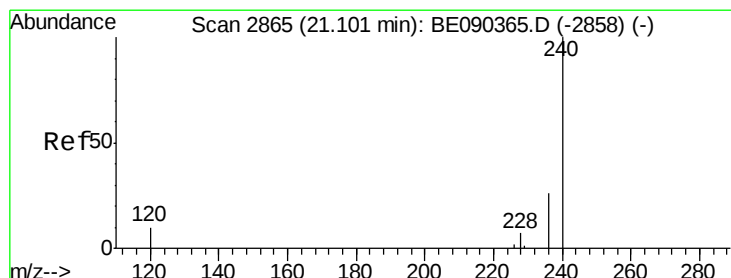
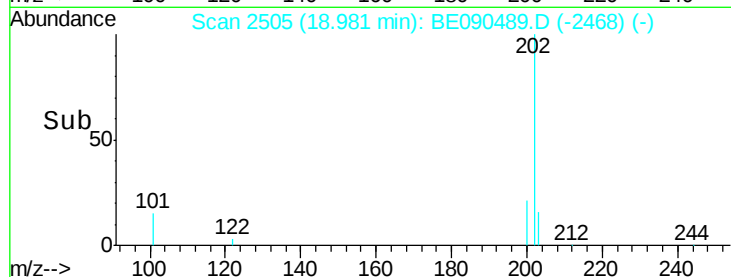
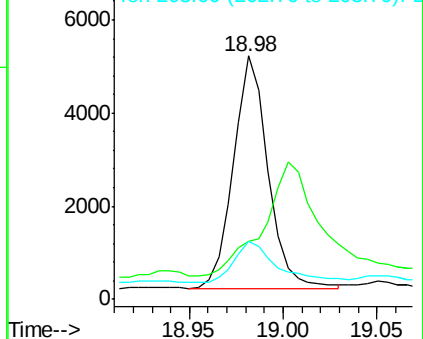
203 22.7 13.7 20.5#



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# 2864

Delta R.T. -0.01 min

Lab File: BE090489.D

Acq: 13 Aug 2015 4:22

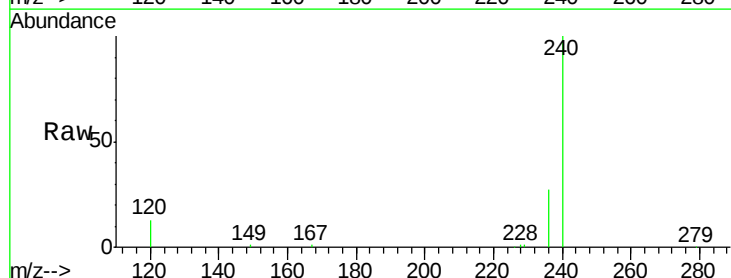
Tgt Ion:240 Resp: 153345

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

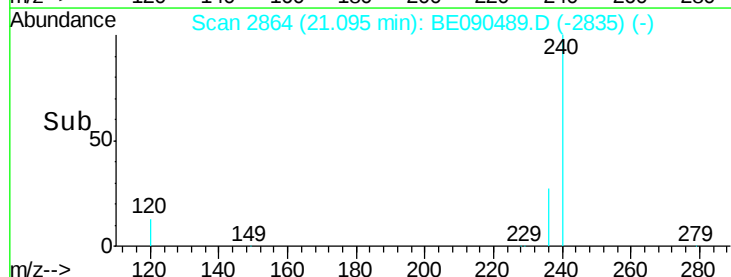
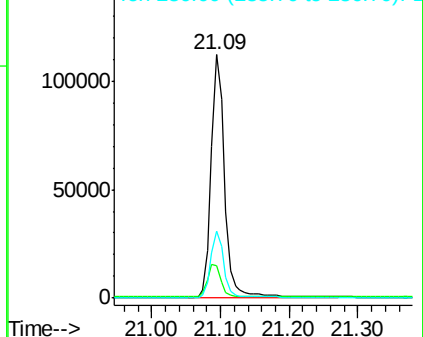
236 27.4 21.0 31.4

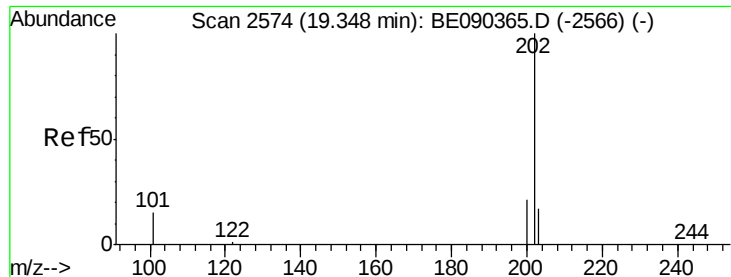


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Pyrene

Concen: 0.12 ng

RT: 19.34 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BE090489.D

Acq: 13 Aug 2015 4:22

Instrument :

BNA_E

ClientSampleId :

CSB-11

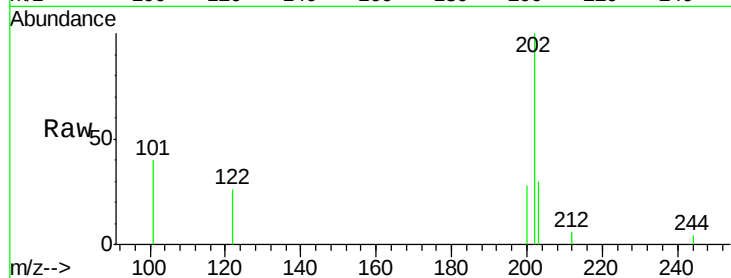
Tgt Ion:202 Resp: 3848

Ion Ratio Lower Upper

202 100

200 22.0 16.7 25.1

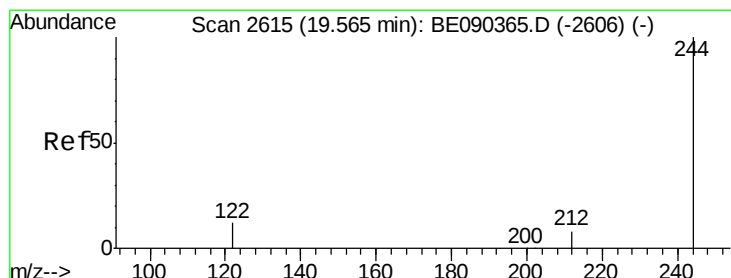
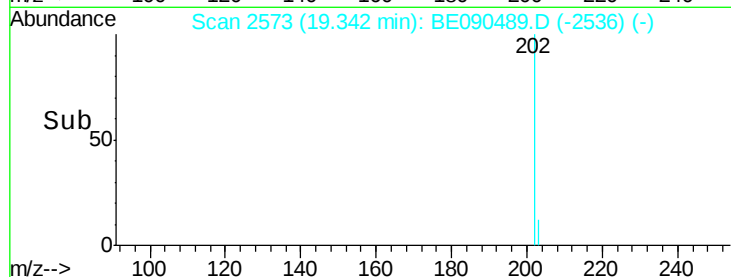
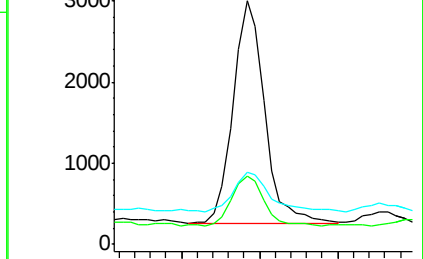
203 20.3 13.8 20.8



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: 4.82 ng

RT: 19.55 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BE090489.D

Acq: 13 Aug 2015 4:22

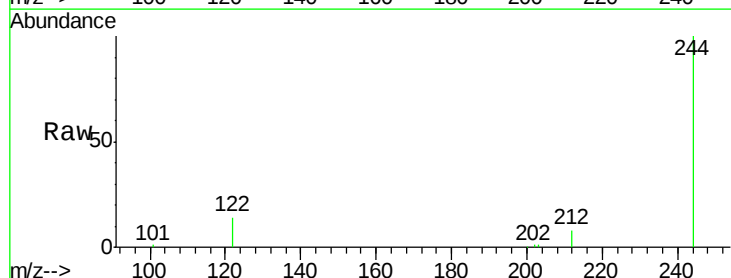
Tgt Ion:244 Resp: 108902

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

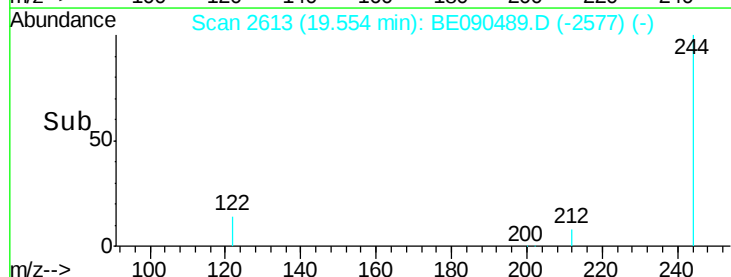
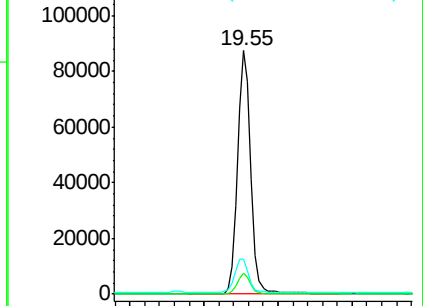
122 14.4 10.2 15.4

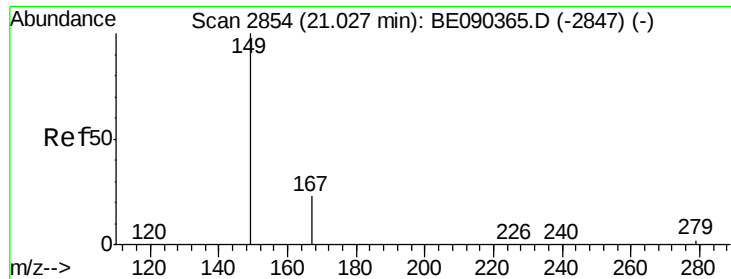


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 3.95 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090489.D

Acq: 13 Aug 2015 4:22

Instrument :

BNA_E

ClientSampleId :

CSB-11

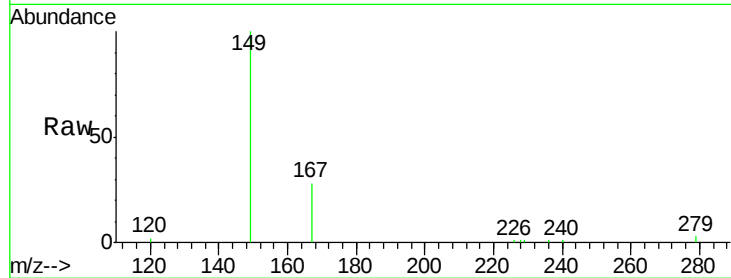
Tgt Ion:149 Resp: 44390

Ion Ratio Lower Upper

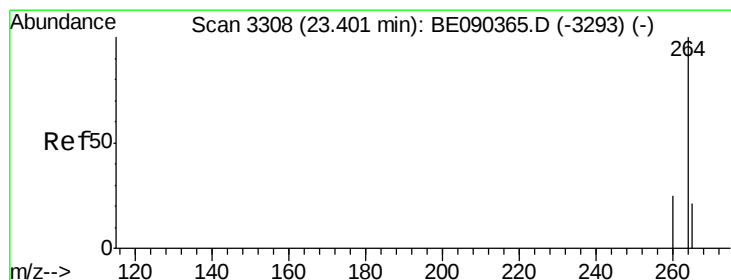
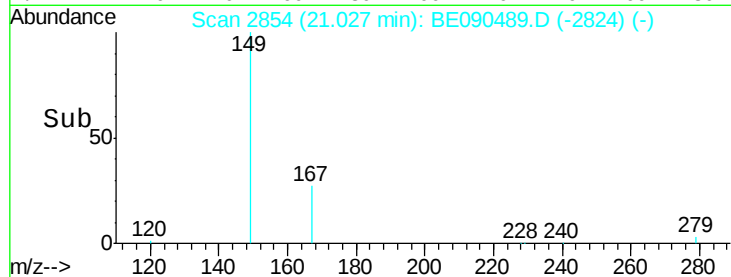
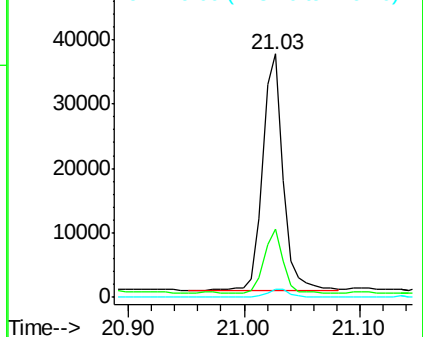
149 100

167 25.1 19.8 29.8

279 3.0 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# 3307

Delta R.T. -0.00 min

Lab File: BE090489.D

Acq: 13 Aug 2015 4:22

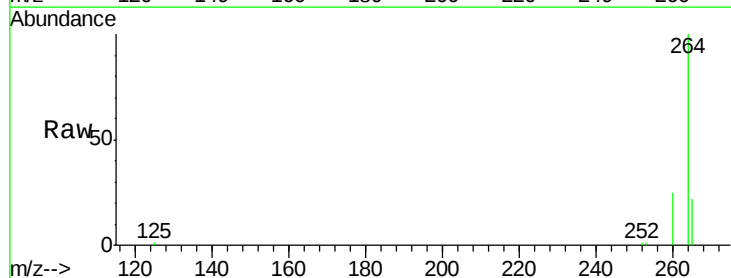
Tgt Ion:264 Resp: 146718

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 21.9 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

