

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
 Data File : BE090528.D
 Acq On : 14 Aug 2015 19:45
 Operator : UM/IZ
 Sample : G3248-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSB-09

Quant Time: Aug 17 15:56:48 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23279	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	113167	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	59927	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	131370	5.00	ng	0.00
25) Chrysene-d12	21.10	240	125518	5.00	ng	0.00
32) Perylene-d12	23.41	264	121483	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	37304	5.54	ng	0.00
5) Phenol-d6	6.77	99	58091	5.87	ng	0.00
7) Nitrobenzene-d5	8.72	82	32745	3.63	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	14504	6.29	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	60528	3.38	ng	0.00
27) Terphenyl-d14	19.56	244	77495	3.38	ng	0.00

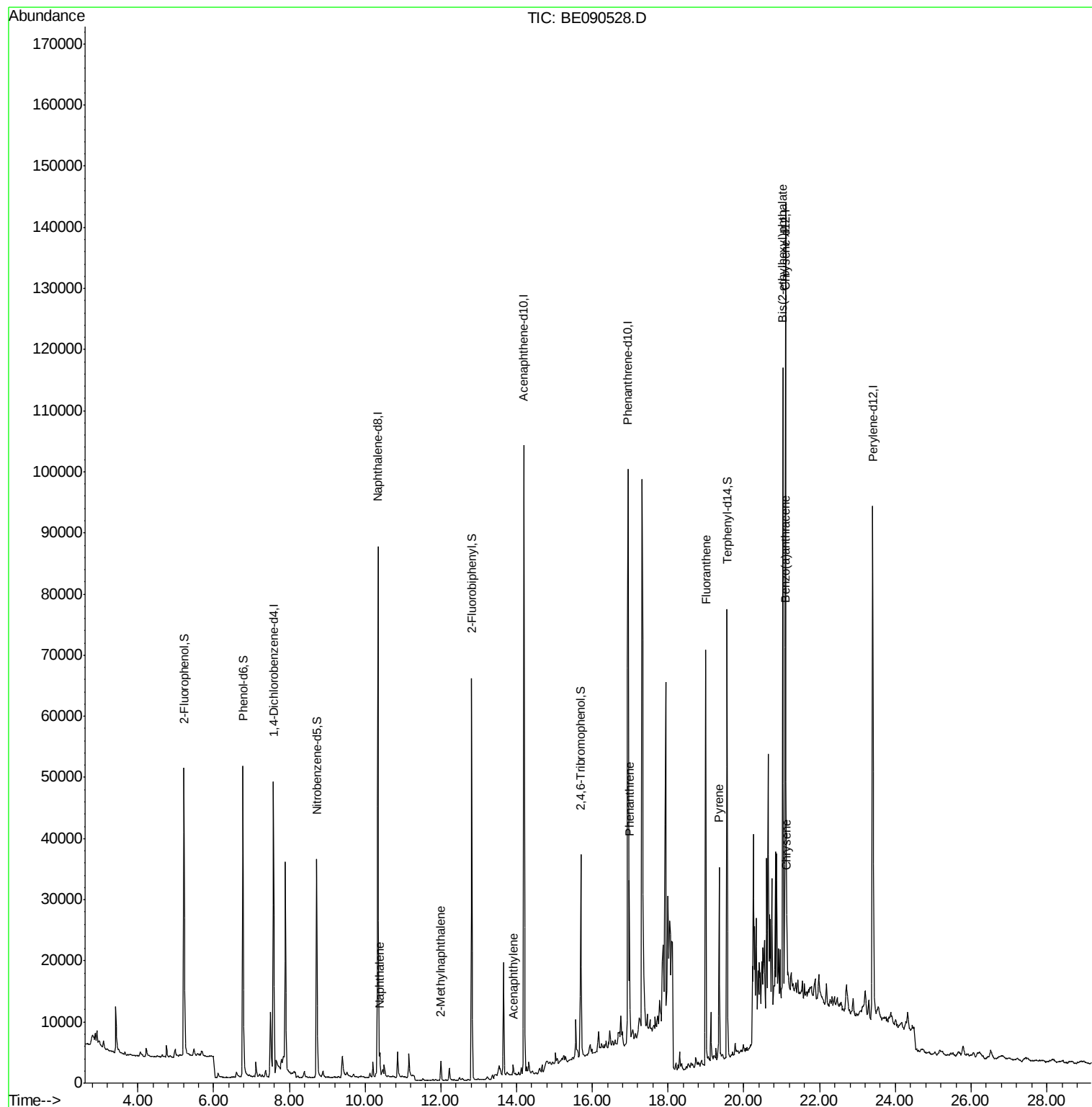
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.38	128	5059	0.20	ng	95
11) 2-Methylnaphthalene	12.00	142	2298	0.14	ng	96
15) Acenaphthylene	13.91	152	2474	0.02	ng	# 68
22) Phenanthrene	16.98	178	27437	0.80	ng	96
24) Fluoranthene	18.99	202	57732	1.57	ng	# 88
26) Pyrene	19.35	202	26653	0.74	ng	96
28) Benzo(a)anthracene	21.08	228	8378	0.25	ng	# 77
29) Chrysene	21.14	228	10552	0.31	ng	# 78
30) Bis(2-ethylhexyl)phthalate	21.03	149	98801	5.01	ng	95

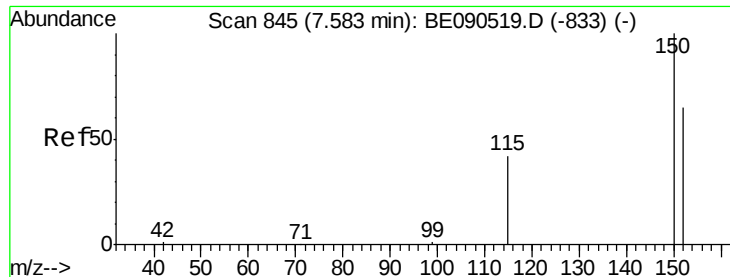
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
Data File : BE090528.D
Acq On : 14 Aug 2015 19:45
Operator : UM/IZ
Sample : G3248-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CSB-09

Quant Time: Aug 17 15:56:48 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. 0.00 min

Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

Instrument :

BNA_E

ClientSampleId :

CSB-09

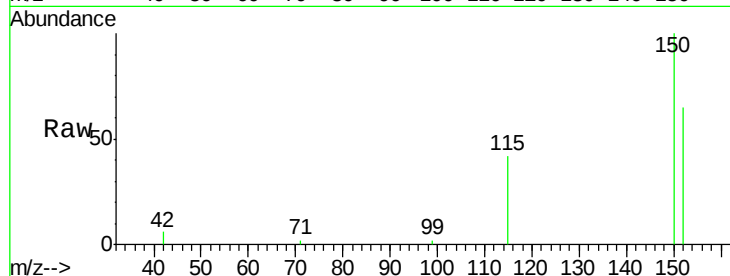
Tot Ion:152 Resp: 23279

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

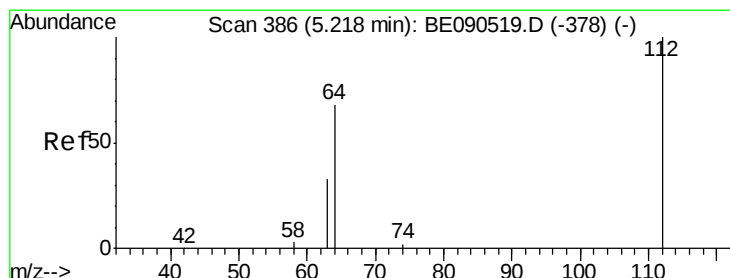
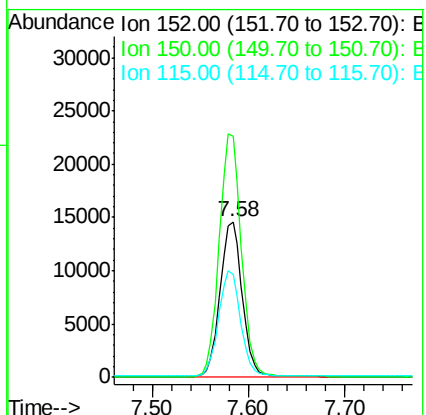
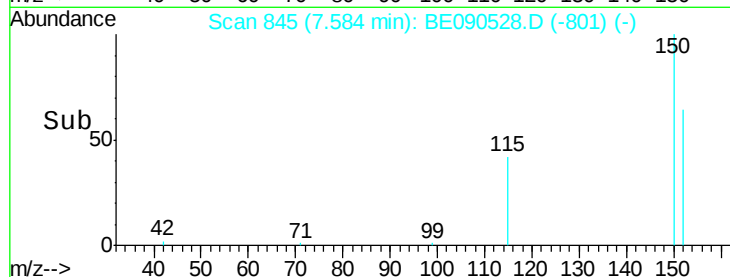
115 65.8 48.9 73.3



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: 5.54 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

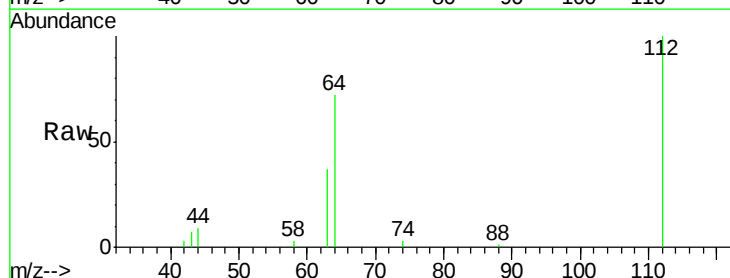
Tgt Ion:112 Resp: 37304

Ion Ratio Lower Upper

112 100

64 71.9 37.1 55.7#

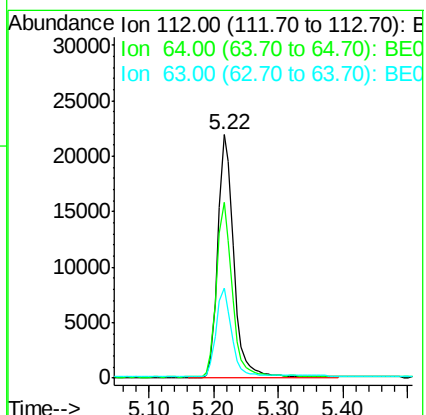
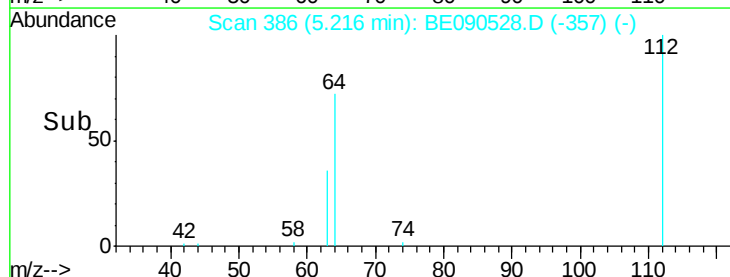
63 35.7 19.5 29.3#

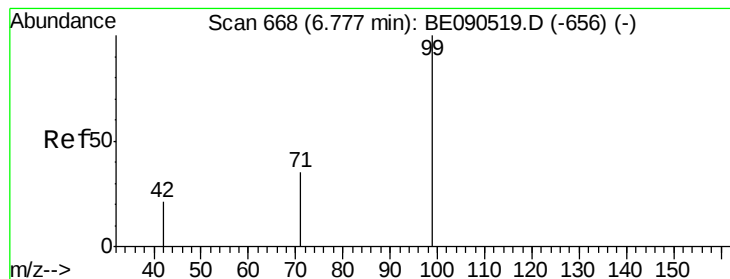


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.87 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

Instrument :

BNA_E

ClientSampleId :

CSB-09

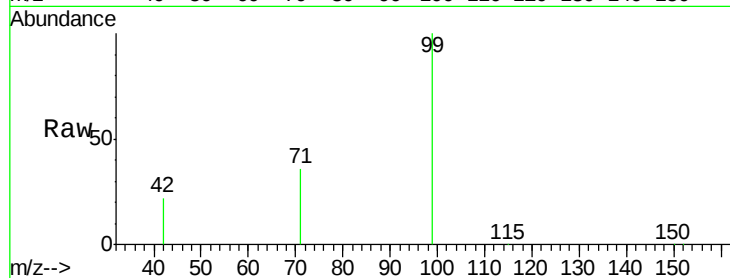
Tot Ion: 99 Resp: 58091

Ion Ratio Lower Upper

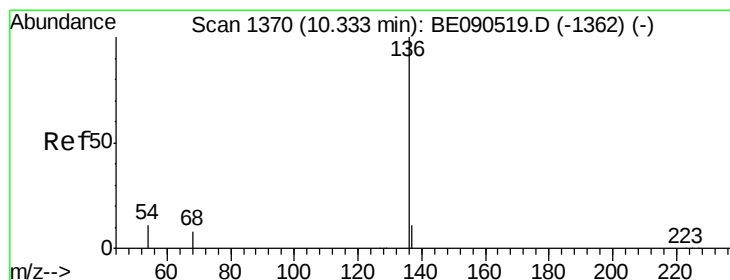
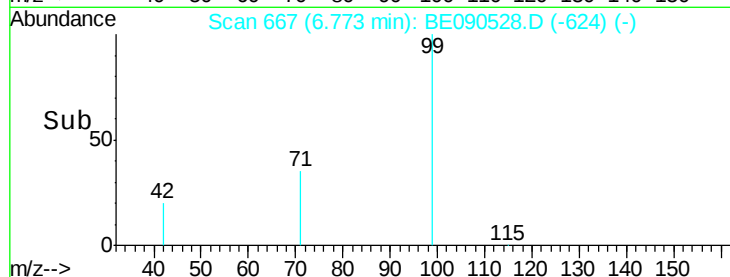
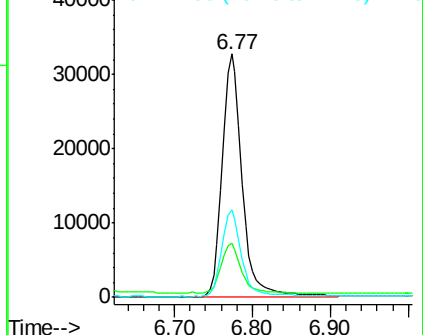
99 100

42 19.9 18.2 27.4

71 35.8 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: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

Tgt Ion: 136 Resp: 113167

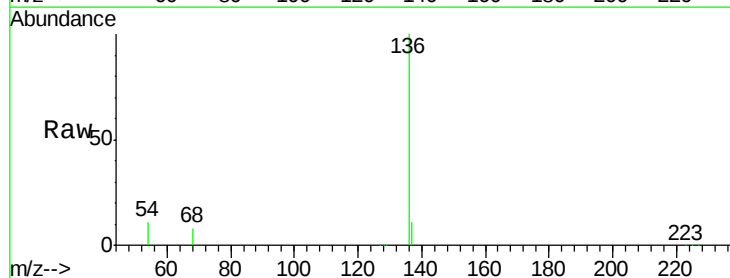
Ion Ratio Lower Upper

136 100

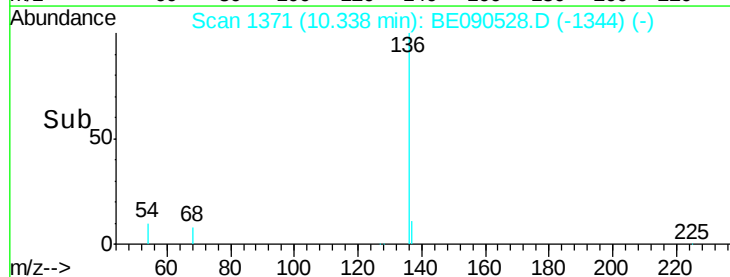
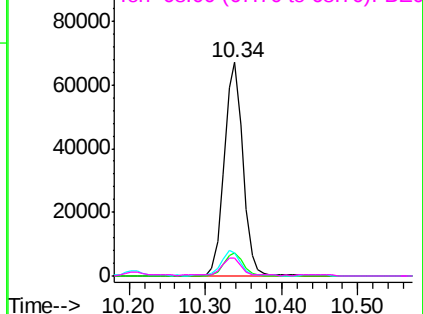
137 11.1 8.7 13.1

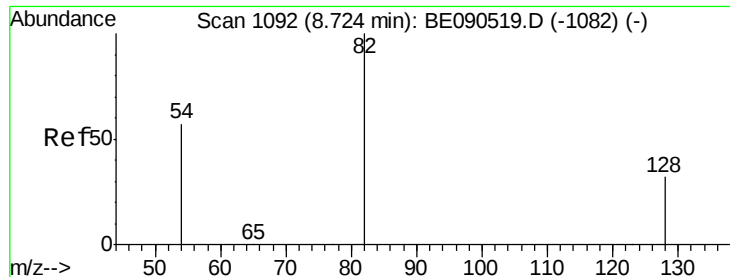
54 10.9 9.4 14.0

68 8.1 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: 3.63 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

Instrument :

BNA_E

ClientSampleId :

CSB-09

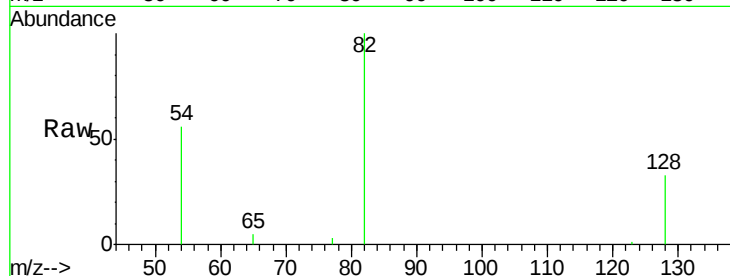
Tot Ion: 82 Resp: 32745

Ion Ratio Lower Upper

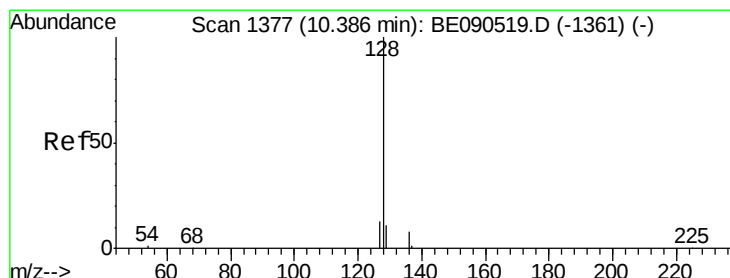
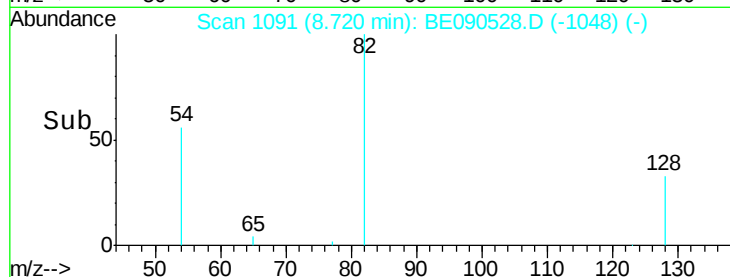
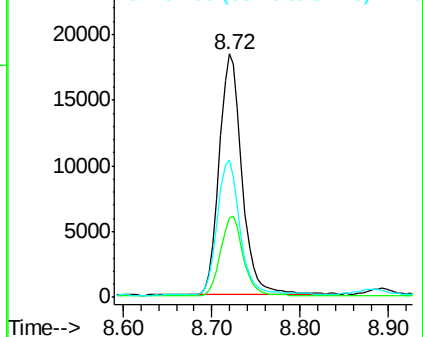
82 100

128 32.7 25.0 37.6

54 56.4 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: 0.20 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

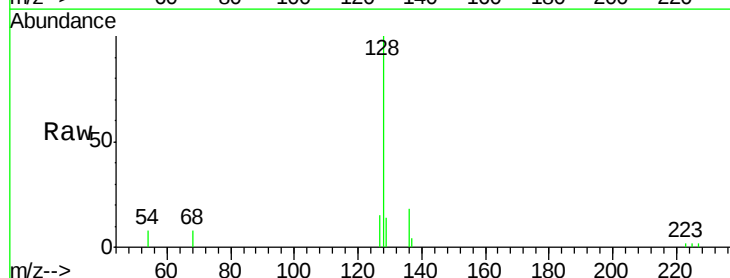
Tgt Ion: 128 Resp: 5059

Ion Ratio Lower Upper

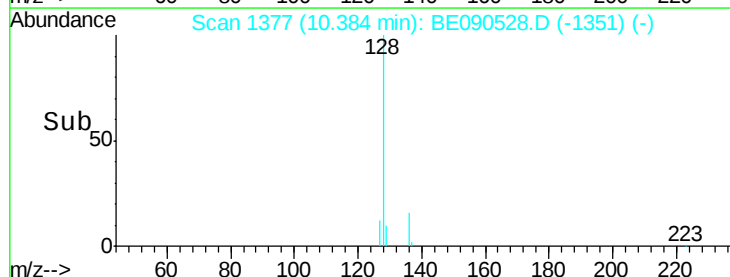
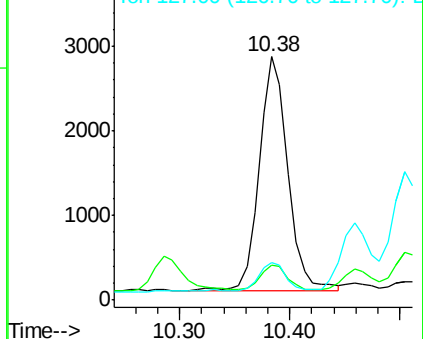
128 100

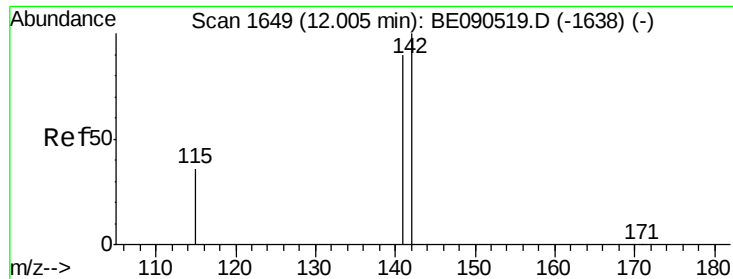
129 14.3 9.8 14.6

127 15.2 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

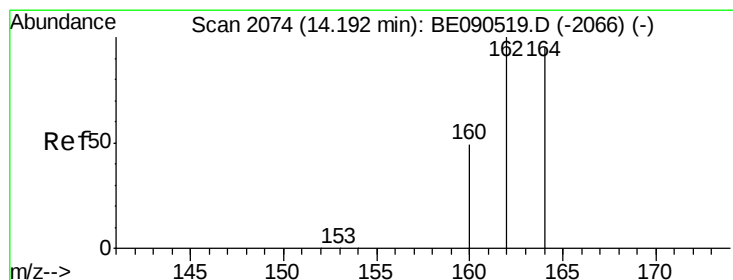
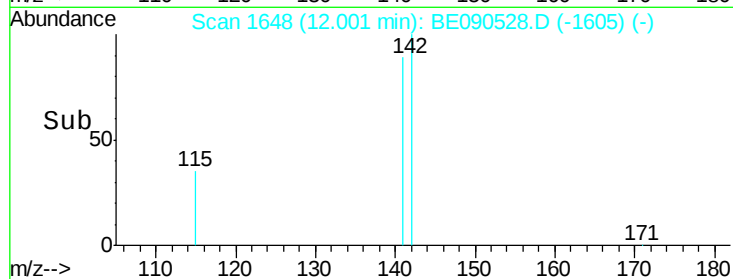
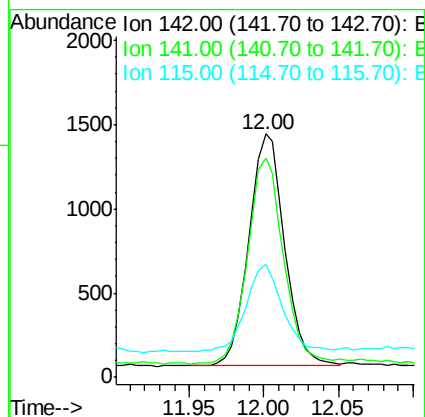
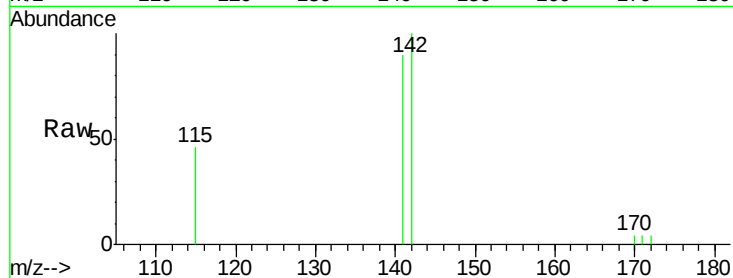




#11
2-Methylnaphthalene
Concen: 0.14 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

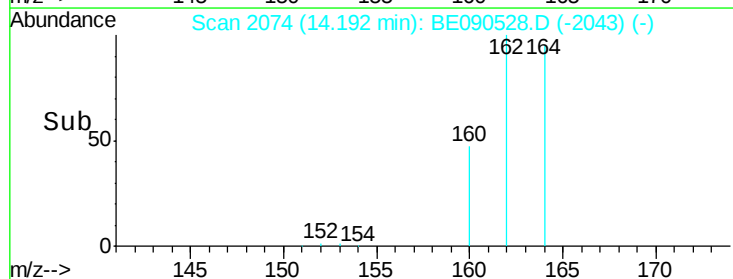
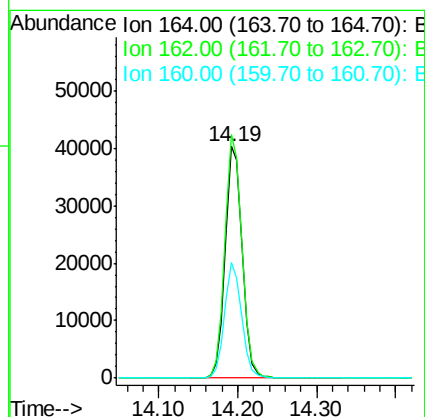
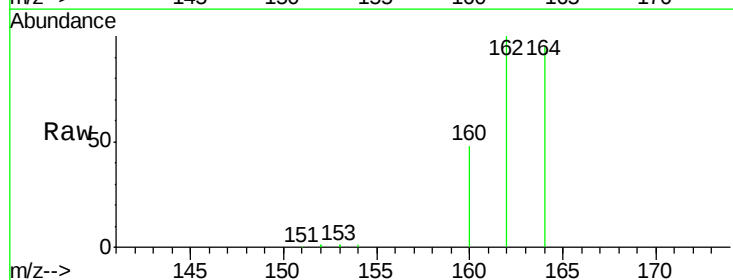
Instrument :
BNA_E
ClientSampleId :
CSB-09

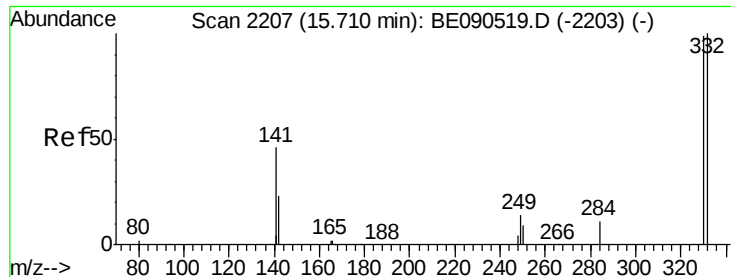
Tot Ion:142 Resp: 2298
Ion Ratio Lower Upper
142 100
141 89.8 72.6 109.0
115 46.4 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:164 Resp: 59927
Ion Ratio Lower Upper
164 100
162 105.1 81.8 122.8
160 49.9 44.2 66.4

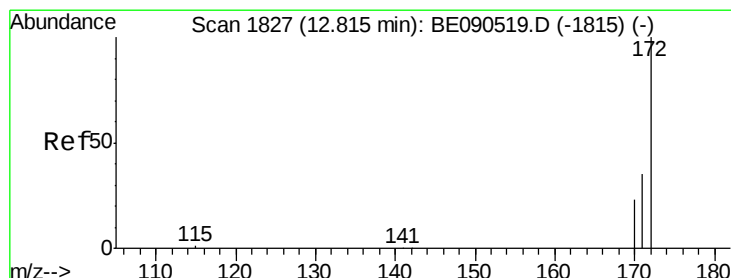
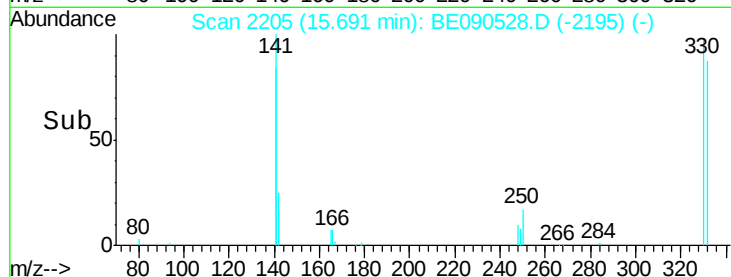
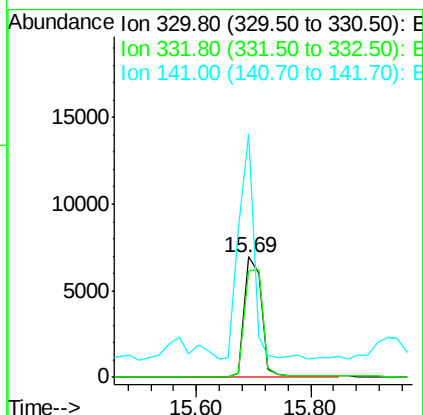
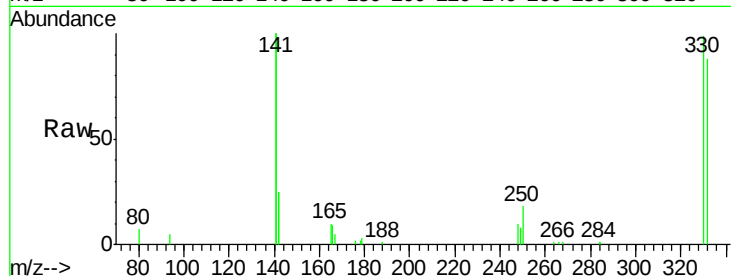




#13
 2,4,6-Tribromophenol
 Concen: 6.29 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090528.D
 Acq: 14 Aug 2015 19:45

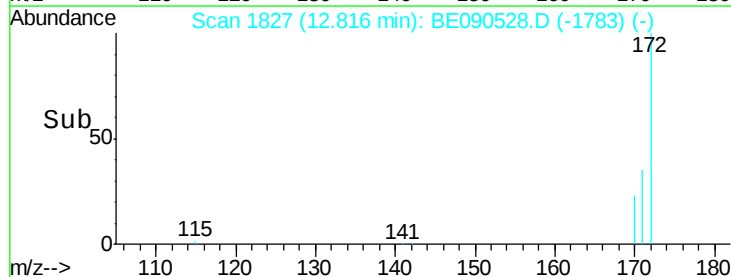
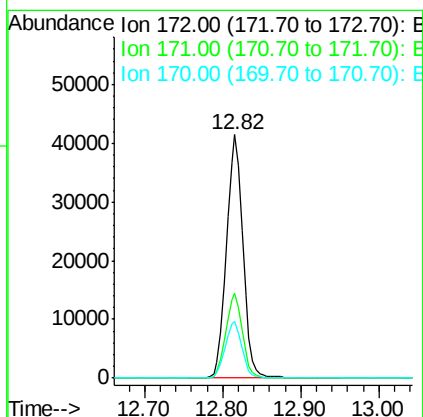
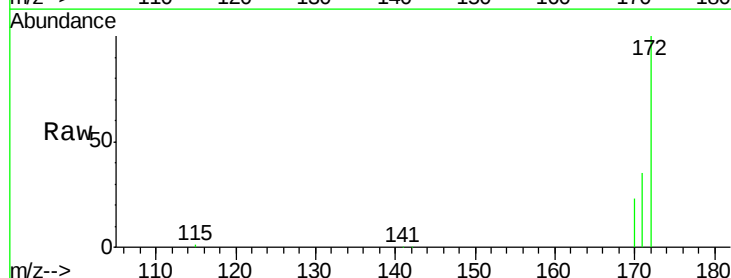
Instrument :
 BNA_E
 ClientSampleId :
 CSB-09

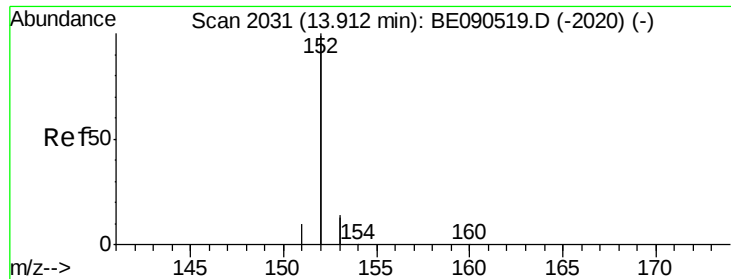
Tot Ion:330 Resp: 14504
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.8 113.6
 141 161.3 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.38 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BE090528.D
 Acq: 14 Aug 2015 19:45

Tgt Ion:172 Resp: 60528
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.1 19.8 29.8





#15

Acenaphthylene

Concen: 0.02 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

Instrument :

BNA_E

ClientSampleId :

CSB-09

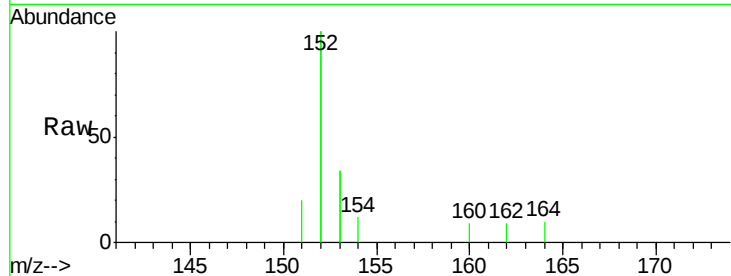
Tot Ion:152 Resp: 2474

Ion Ratio Lower Upper

152 100

151 5.2 3.8 5.8

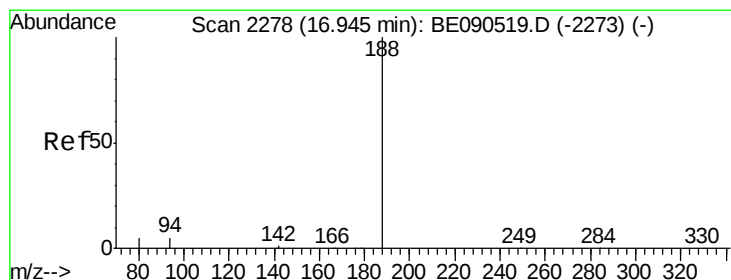
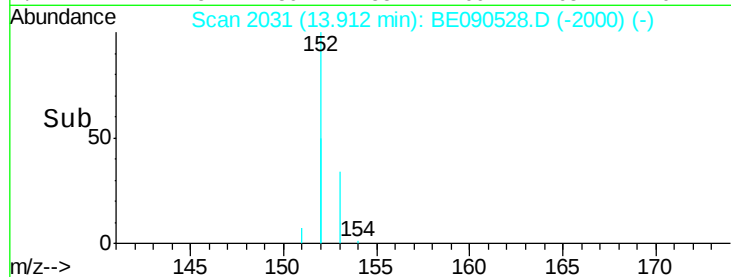
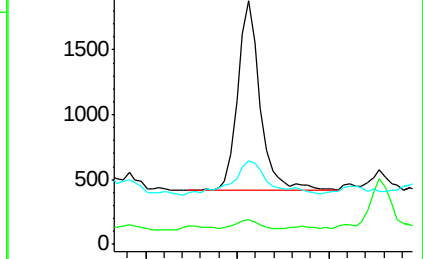
153 30.0 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

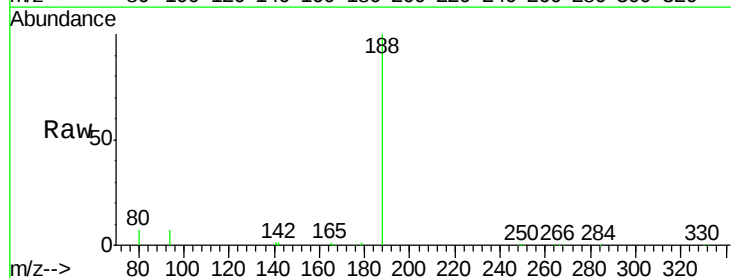
Tgt Ion:188 Resp: 131370

Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

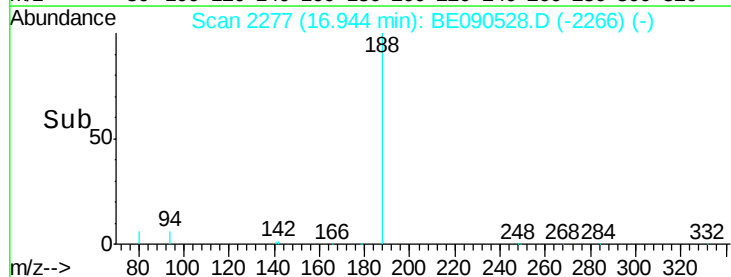
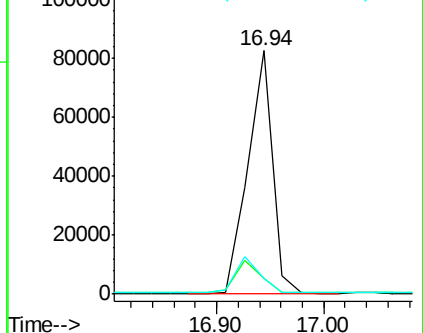
80 6.6 5.8 8.8

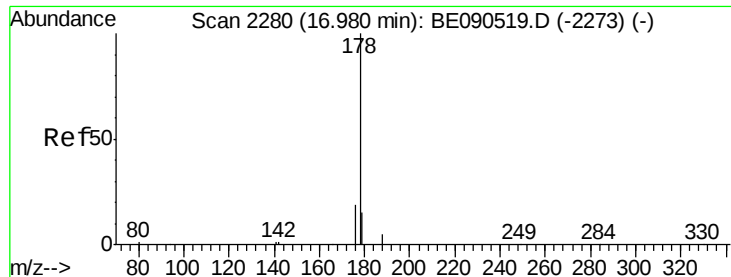


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Phenanthrene

Concen: 0.80 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

Instrument :

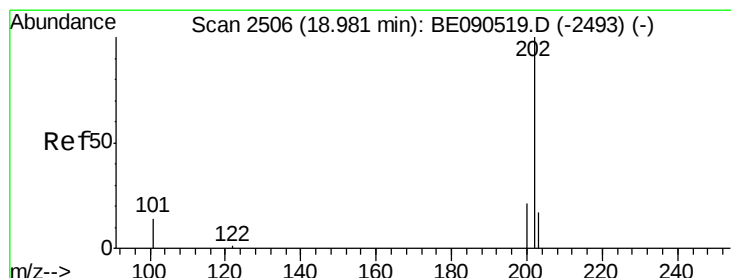
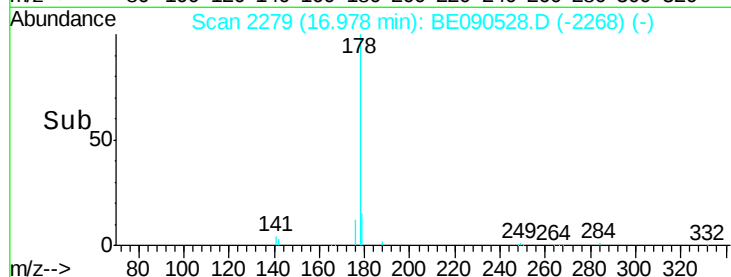
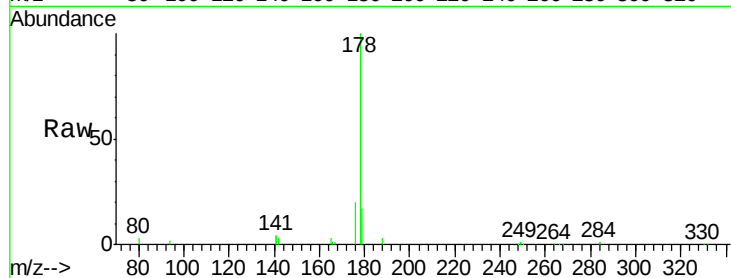
BNA_E

ClientSampled :

CSB-09

Tot Ion:178 Resp: 27437

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	18.5	12.5	18.7



#24

Fluoranthene

Concen: 1.57 ng

RT: 18.99 min Scan# 2507

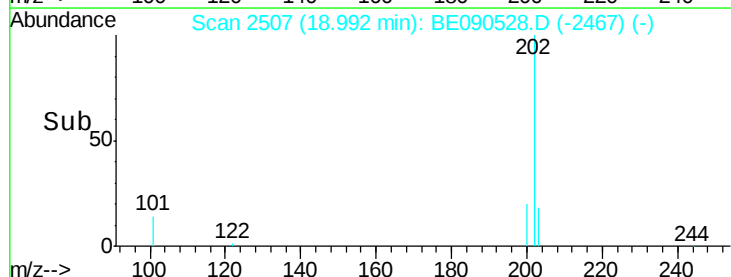
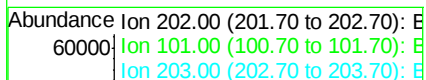
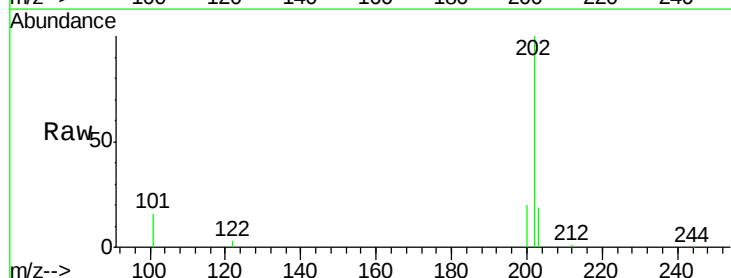
Delta R.T. 0.01 min

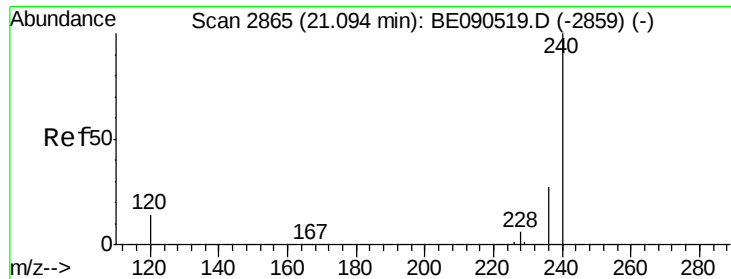
Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

Tgt Ion:202 Resp: 57732

Ion	Ratio	Lower	Upper
202	100		
101	22.8	10.3	15.5#
203	17.8	13.7	20.5

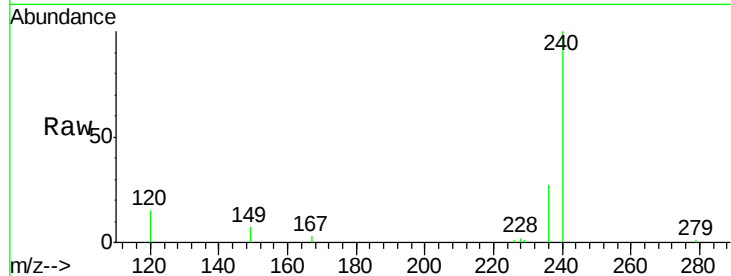




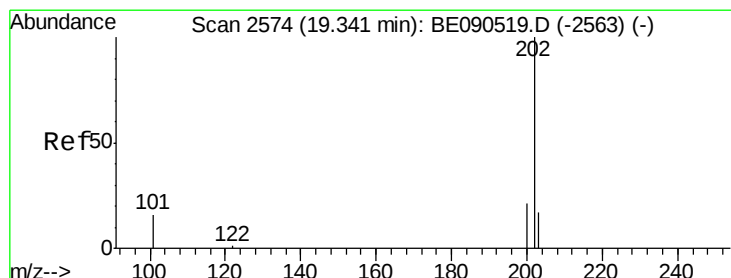
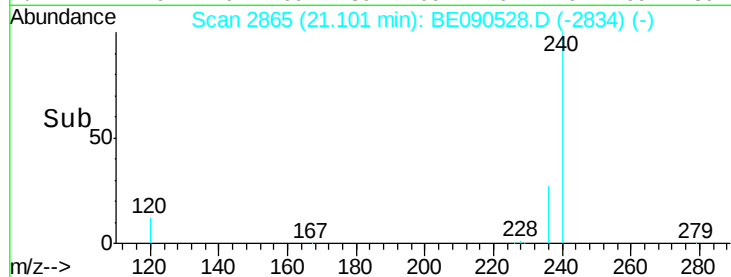
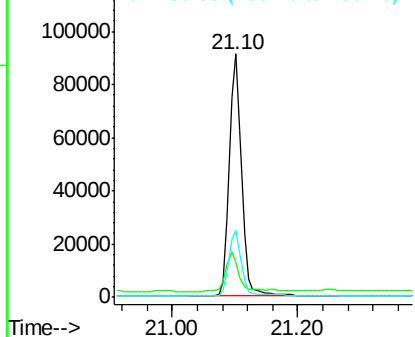
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2865
Delta R.T. 0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Instrument :
BNA_E
ClientSampleId :
CSB-09

Tot Ion:240 Resp: 125518
Ion Ratio Lower Upper
240 100
120 14.6 8.3 12.5#
236 27.4 21.0 31.4

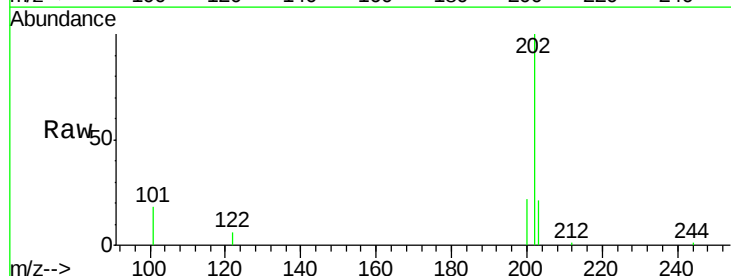


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

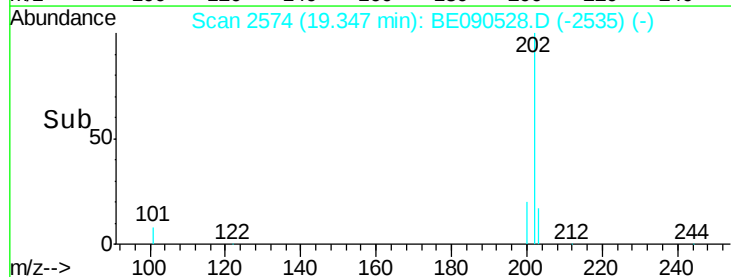
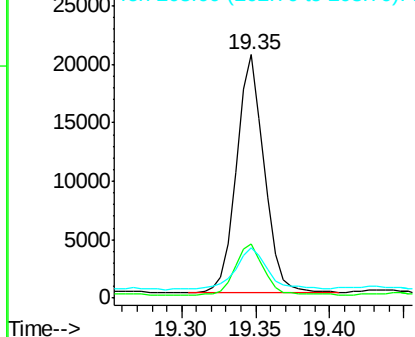


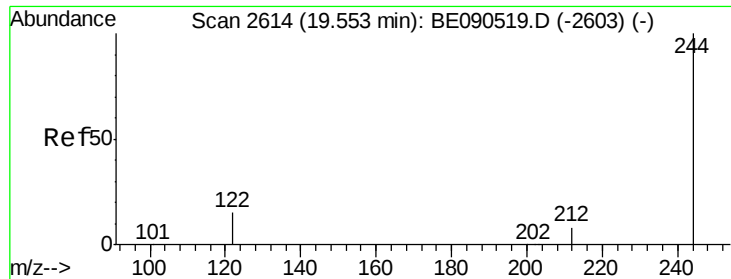
#26
Pyrene
Concen: 0.74 ng
RT: 19.35 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BE090528.D
Acq: 14 Aug 2015 19:45

Tgt Ion:202 Resp: 26653
Ion Ratio Lower Upper
202 100
200 21.8 16.7 25.1
203 19.7 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

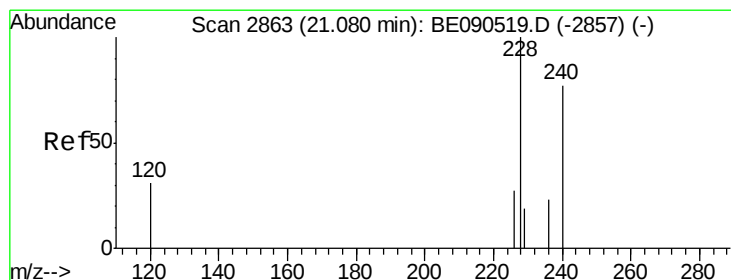
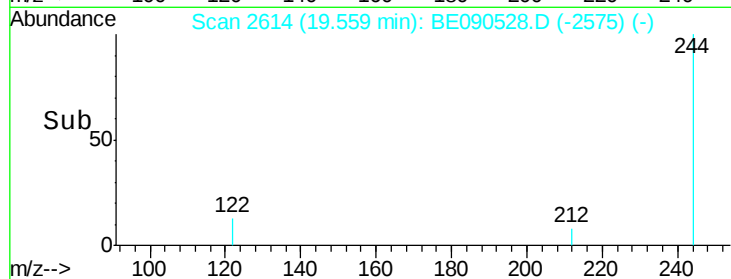
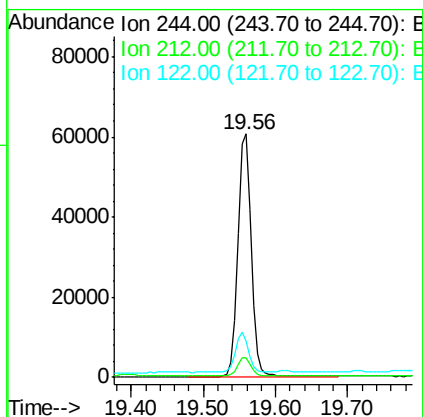
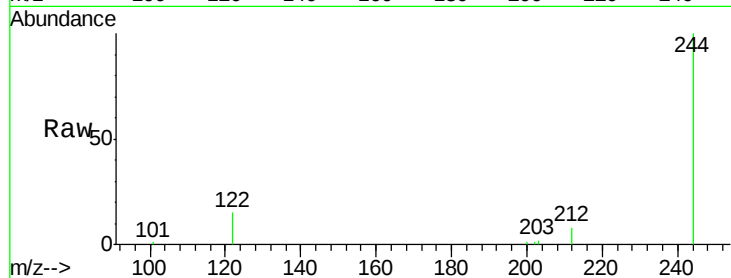




#27
 Terphenyl-d14
 Concen: 3.38 ng
 RT: 19.56 min Scan# 2614
 Delta R.T. 0.01 min
 Lab File: BE090528.D
 Acq: 14 Aug 2015 19:45

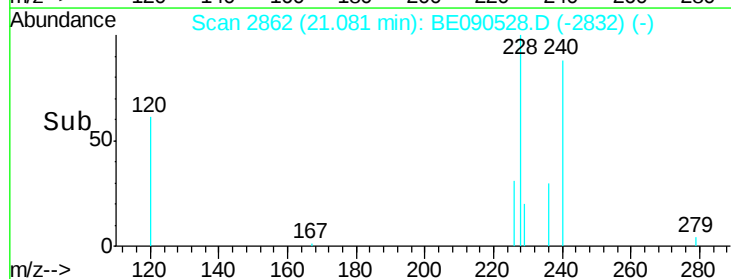
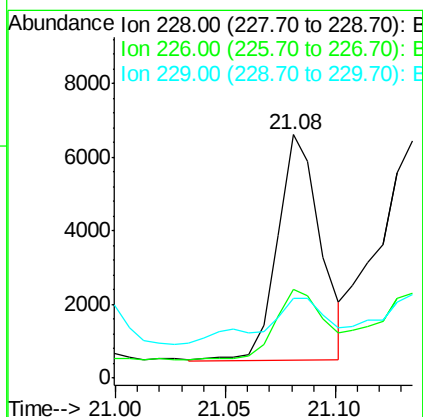
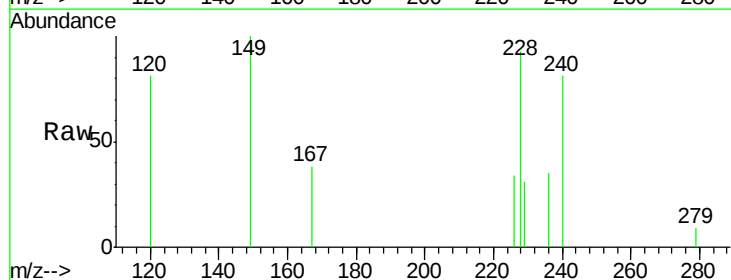
Instrument :
 BNA_E
 ClientSampleId :
 CSB-09

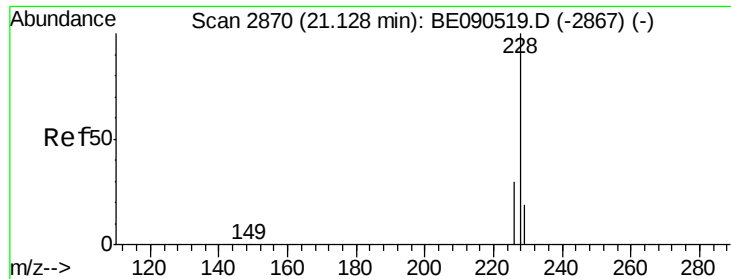
Tot Ion:244 Resp: 77495
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 14.6 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 0.25 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BE090528.D
 Acq: 14 Aug 2015 19:45

Tgt Ion:228 Resp: 8378
 Ion Ratio Lower Upper
 228 100
 226 36.7 21.9 32.9#
 229 33.0 15.4 23.0#





#29

Chrysene

Concen: 0.31 ng

RT: 21.14 min Scan# 2870

Delta R.T. 0.01 min

Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

Instrument :

BNA_E

ClientSampleId :

CSB-09

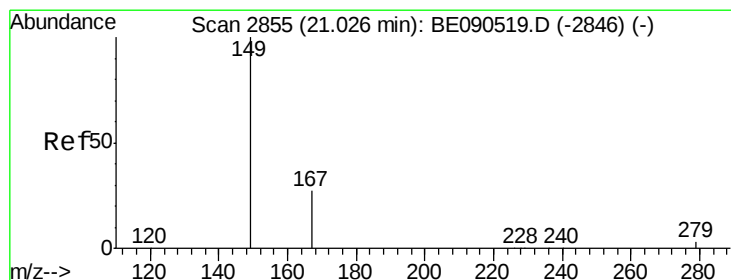
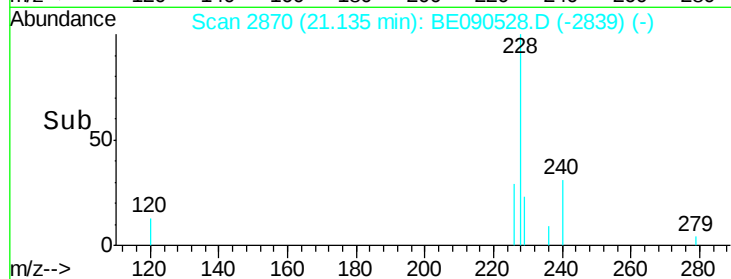
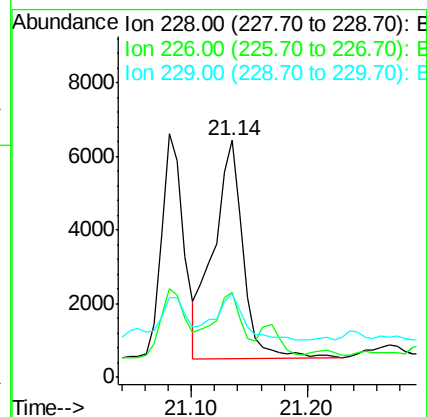
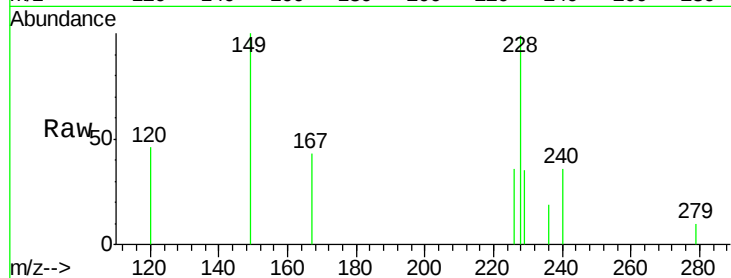
Tot Ion:228 Resp: 10552

Ion Ratio Lower Upper

228 100

226 35.9 23.1 34.7#

229 35.3 15.8 23.8#



#30

Bis(2-ethylhexyl)phthalate

Concen: 5.01 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

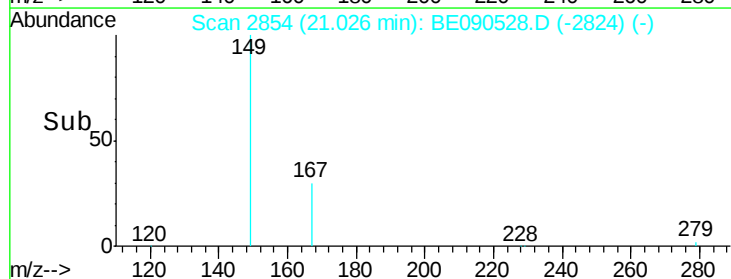
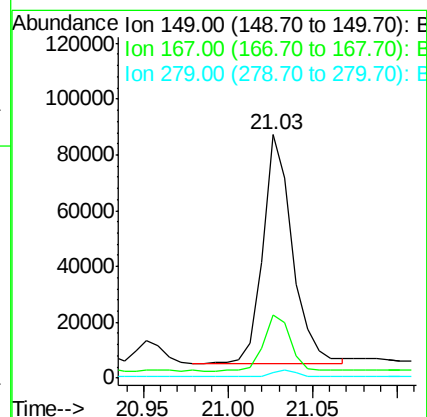
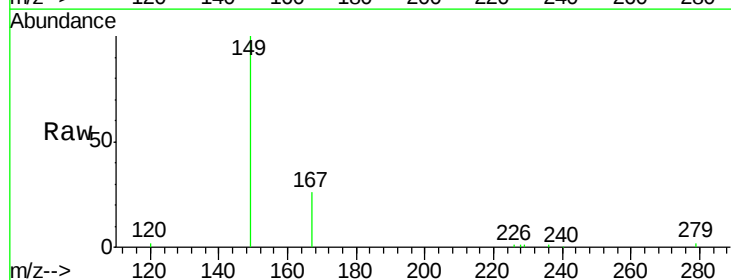
Tgt Ion:149 Resp: 98801

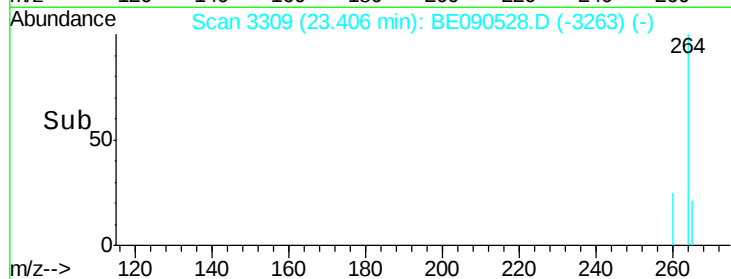
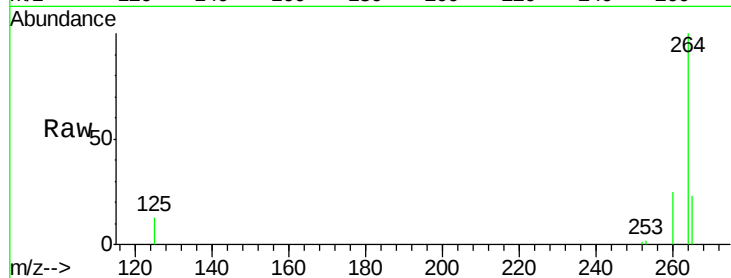
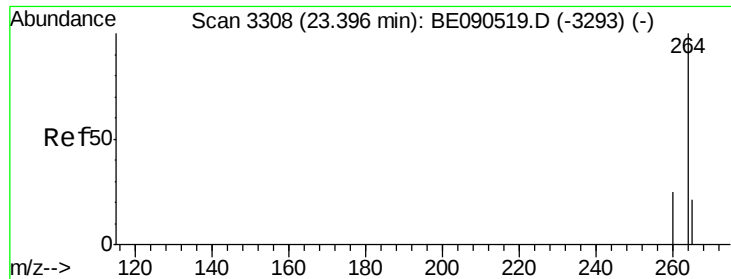
Ion Ratio Lower Upper

149 100

167 22.3 19.8 29.8

279 2.7 2.4 3.6





#32

Pervlene-d12

Concen: 5.00 ng

RT: 23.41 min Scan# 3309

Delta R.T. 0.01 min

Lab File: BE090528.D

Acq: 14 Aug 2015 19:45

Instrument :

BNA_E

ClientSampleId :

CSB-09

Tot Ion:264 Resp: 121483

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 22.8 17.2 25.8

