

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
 Data File : BE090529.D
 Acq On : 14 Aug 2015 20:21
 Operator : UM/IZ
 Sample : G3248-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSB-07

Quant Time: Aug 17 15:57:45 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

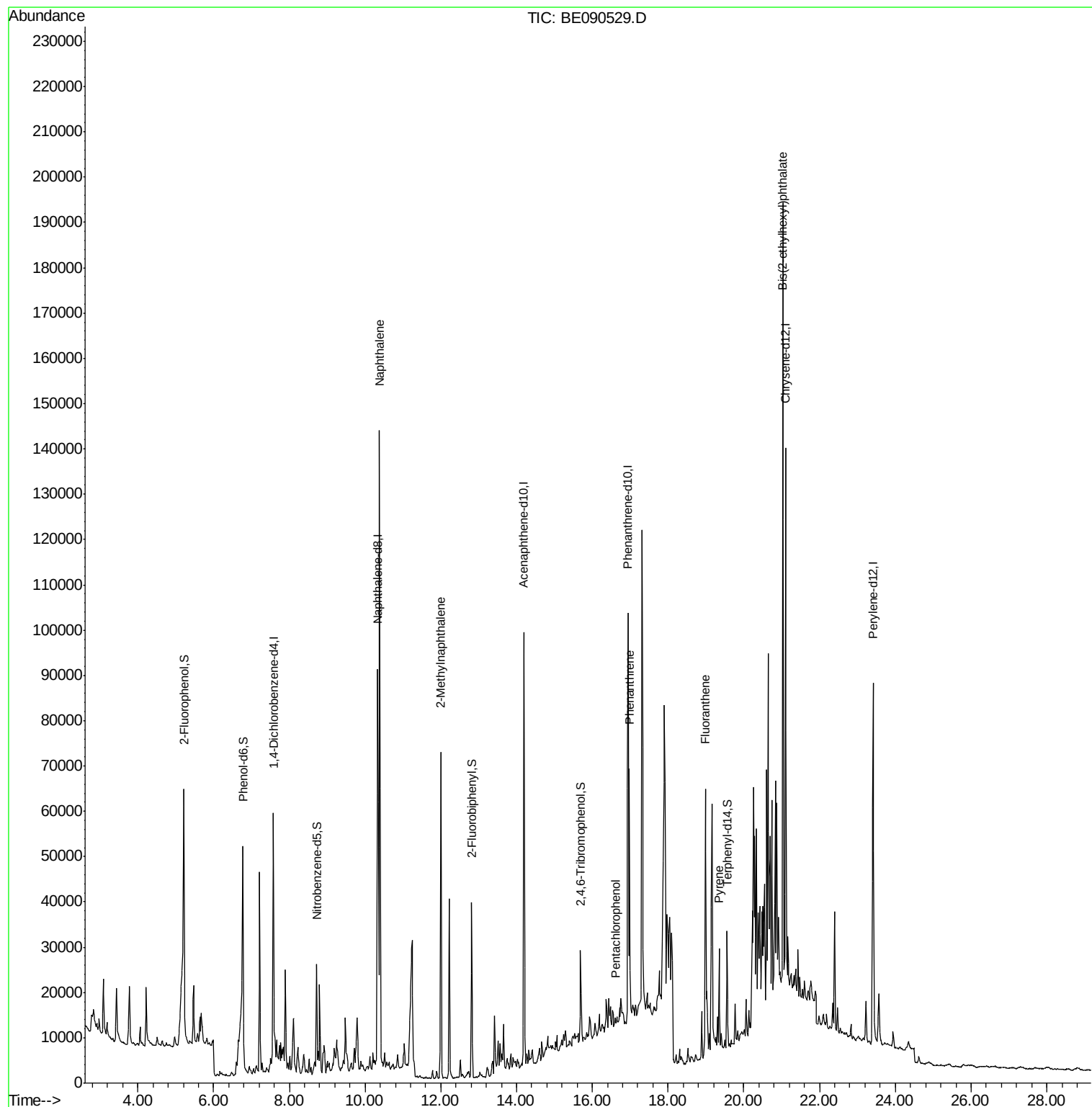
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22739	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	103048	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	57634	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	118452	5.00	ng	0.00
25) Chrysene-d12	21.11	240	117354	5.00	ng	0.01
32) Perylene-d12	23.41	264	111682	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	22647	3.44	ng	0.00
5) Phenol-d6	6.77	99	34774	3.60	ng	0.00
7) Nitrobenzene-d5	8.72	82	21070	2.57	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	8419	3.80	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	35830	2.08	ng	0.00
27) Terphenyl-d14	19.56	244	25246	1.18	ng	0.00
Target Compounds						
9) Naphthalene	10.38	128	185321	7.91	ng	Qvalue 99
11) 2-Methylnaphthalene	12.00	142	48872	3.20	ng	99
21) Pentachlorophenol	16.61	266	705	0.56	ng	99
22) Phenanthrene	16.98	178	57619	1.85	ng	98
24) Fluoranthene	18.99	202	49640	1.50	ng	# 89
26) Pyrene	19.35	202	19352	0.58	ng	98
30) Bis(2-ethylhexyl)phthalate	21.03	149	169299	9.07	ng	95

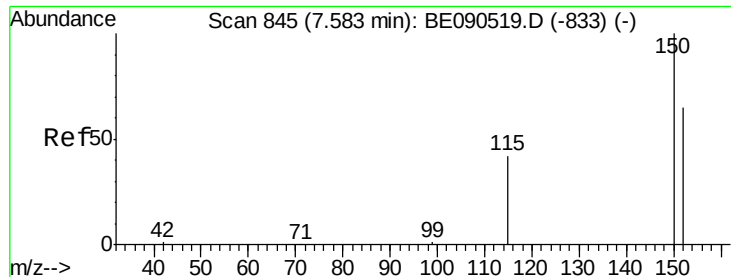
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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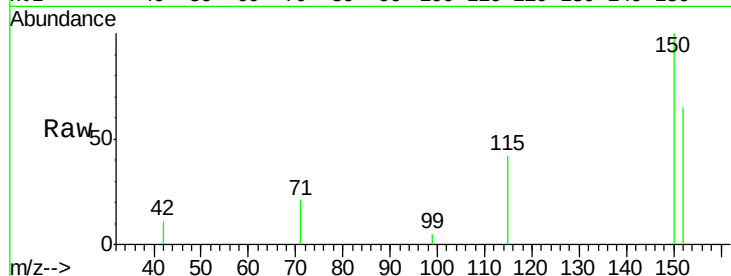


#1

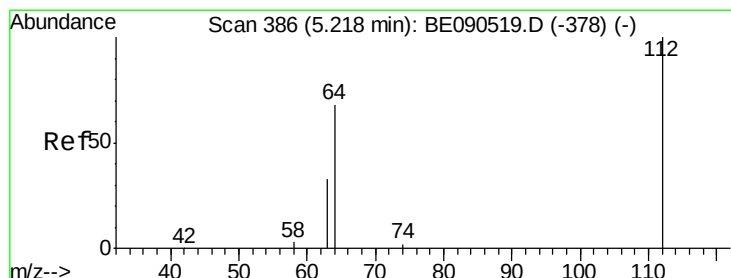
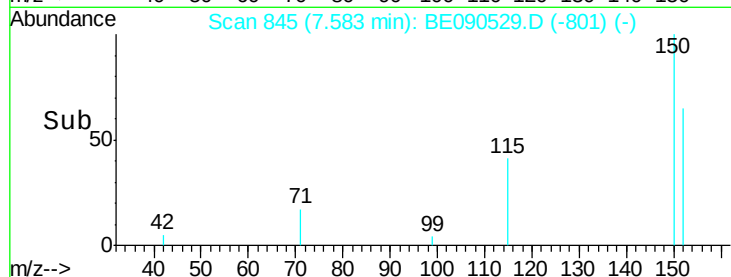
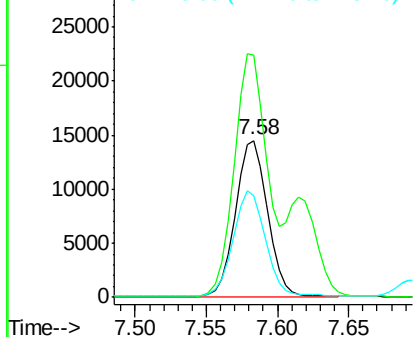
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE090529.D
Acq: 14 Aug 2015 20:21

Instrument :
BNA_E
ClientSampleId :
CSB-07

Tot Ion:152 Resp: 22739
Ion Ratio Lower Upper
152 100
150 153.8 123.0 184.4
115 64.6 48.9 73.3



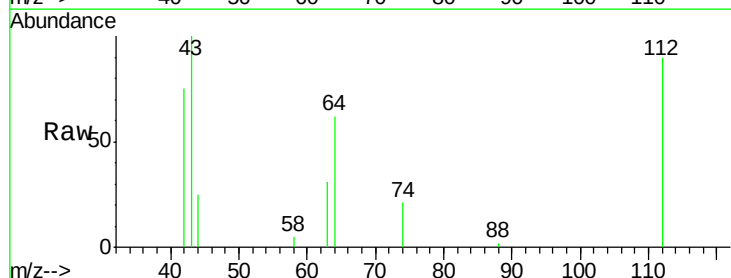
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



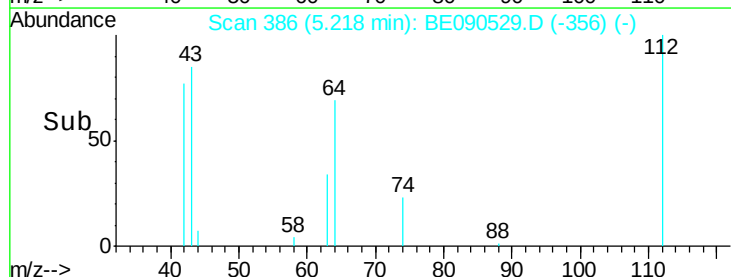
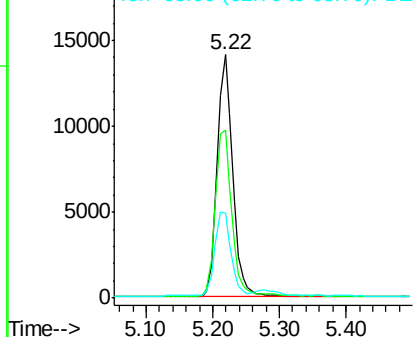
#4

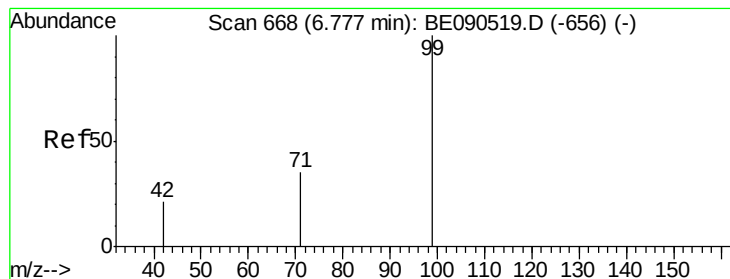
2-Fluorophenol
Concen: 3.44 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090529.D
Acq: 14 Aug 2015 20:21

Tgt Ion:112 Resp: 22647
Ion Ratio Lower Upper
112 100
64 71.7 37.1 55.7#
63 35.2 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: 3.60 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

Instrument :

BNA_E

ClientSampled :

CSB-07

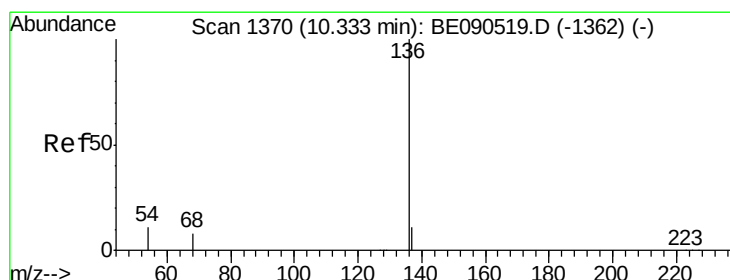
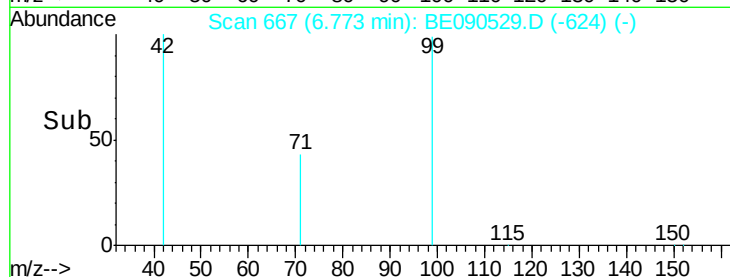
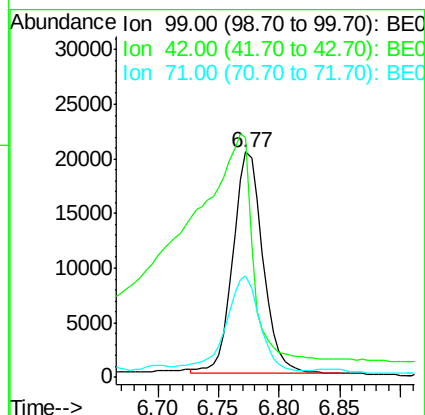
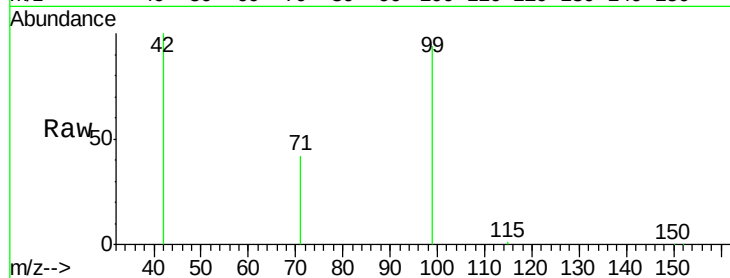
Tot Ion: 99 Resp: 34774

Ion Ratio Lower Upper

99 100

42 297.4 18.2 27.4#

71 50.3 27.4 41.0#



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

Tgt Ion: 136 Resp: 103048

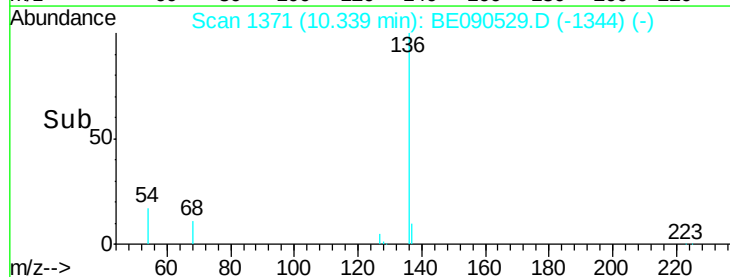
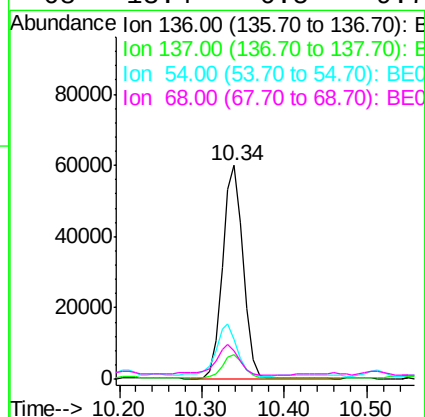
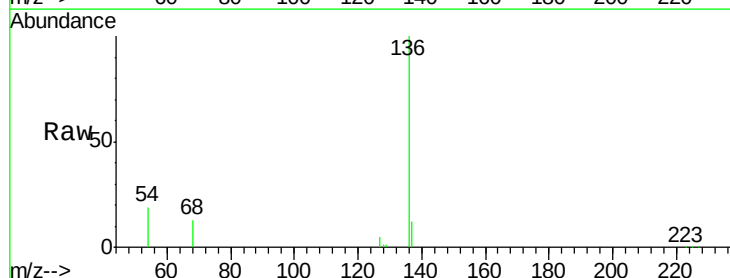
Ion Ratio Lower Upper

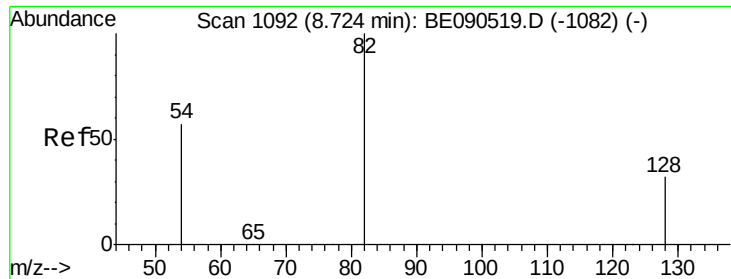
136 100

137 11.5 8.7 13.1

54 18.7 9.4 14.0#

68 13.4 6.5 9.7#





#7

Nitrobenzene-d5

Concen: 2.57 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

Instrument :

BNA_E

ClientSampleId :

CSB-07

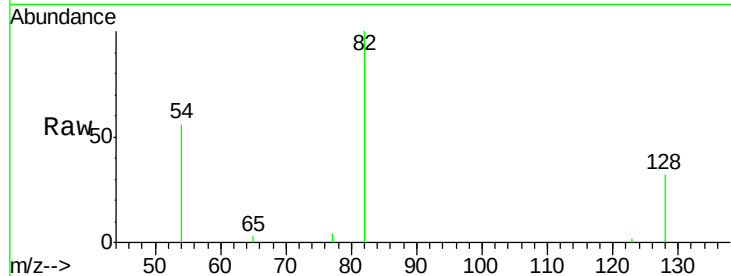
Tot Ion: 82 Resp: 21070

Ion Ratio Lower Upper

82 100

128 31.9 25.0 37.6

54 55.7 48.8 73.2

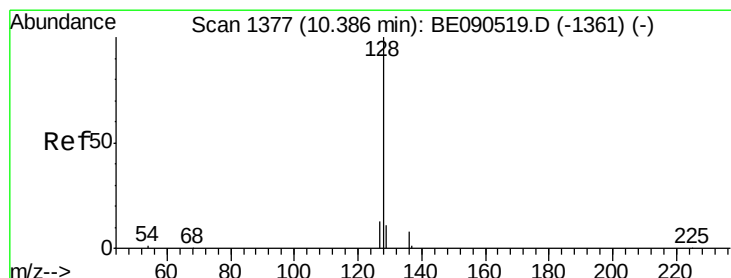
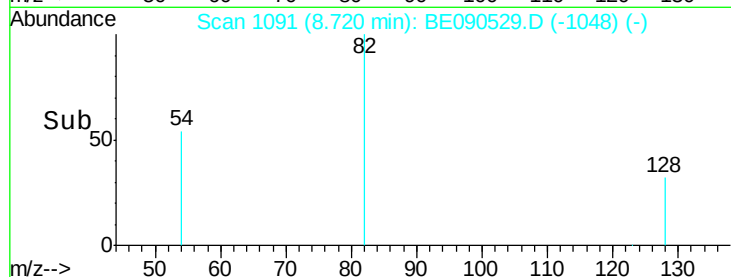


Abundance Ion 82.00 (81.70 to 82.70): BE090529.D (-1082) (-)

Ion 128.00 (127.70 to 128.70): BE090529.D (-1082) (-)

Ion 54.00 (53.70 to 54.70): BE090529.D (-1082) (-)

Time-->



#9

Naphthalene

Concen: 7.91 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

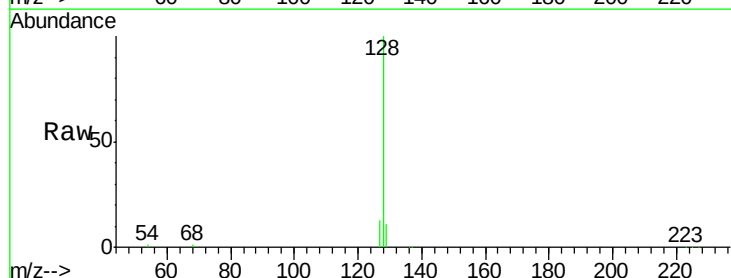
Tgt Ion: 128 Resp: 185321

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.6

127 13.3 10.6 16.0

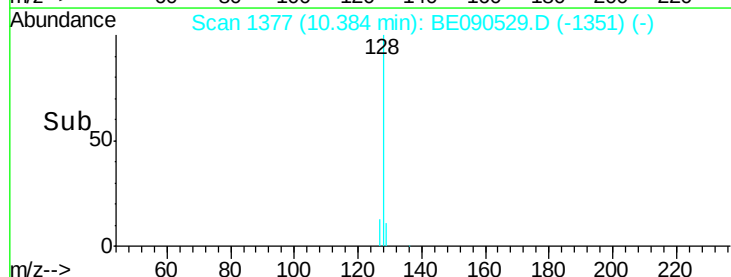


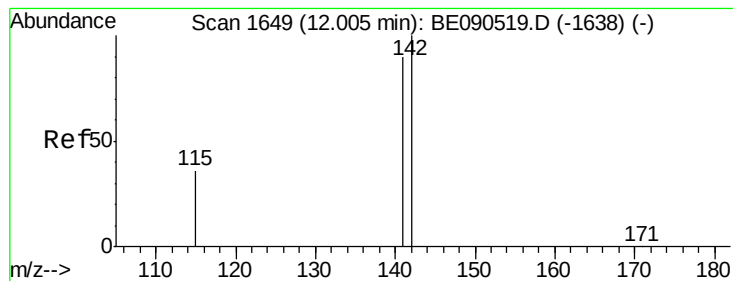
Abundance Ion 128.00 (127.70 to 128.70): BE090529.D (-1361) (-)

Ion 129.00 (128.70 to 129.70): BE090529.D (-1361) (-)

Ion 127.00 (126.70 to 127.70): BE090529.D (-1361) (-)

Time-->





#11

2-Methylnaphthalene

Concen: 3.20 ng

RT: 12.00 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

Instrument :

BNA_E

ClientSampleId :

CSB-07

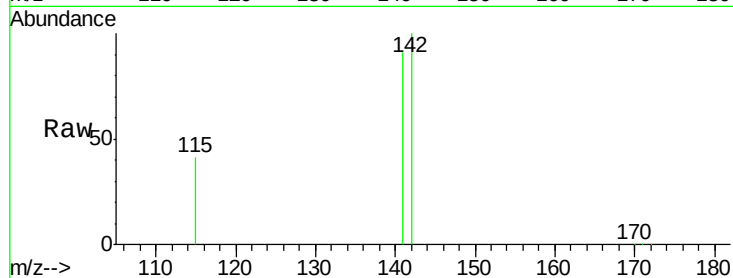
Tot Ion:142 Resp: 48872

Ion Ratio Lower Upper

142 100

141 91.5 72.6 109.0

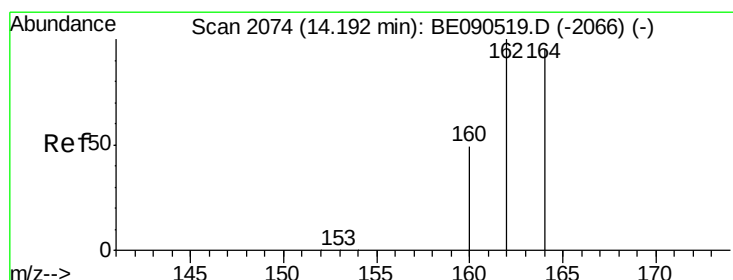
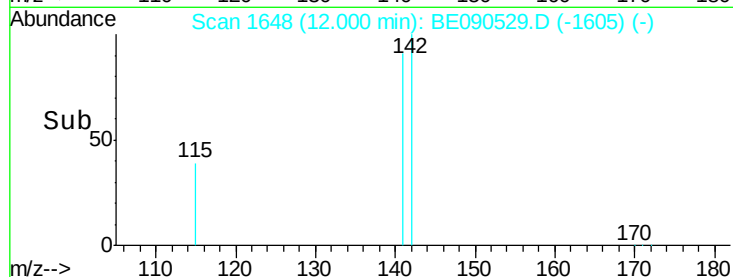
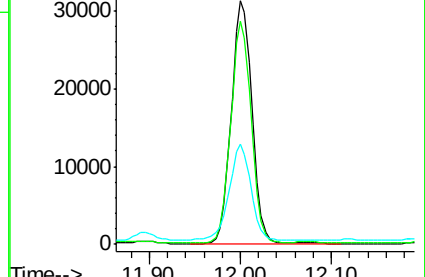
115 41.0 31.6 47.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

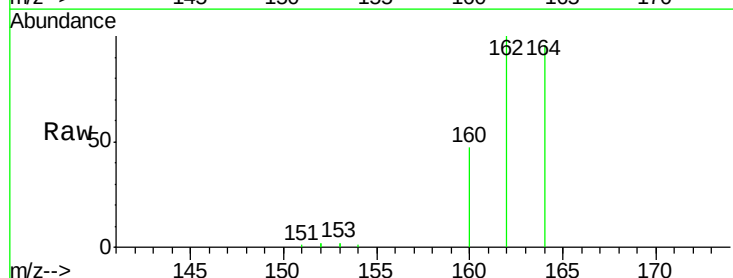
Tgt Ion:164 Resp: 57634

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.8

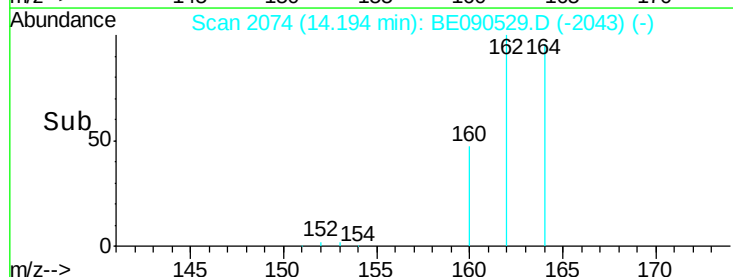
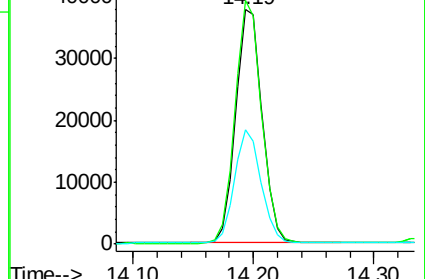
160 48.9 44.2 66.4

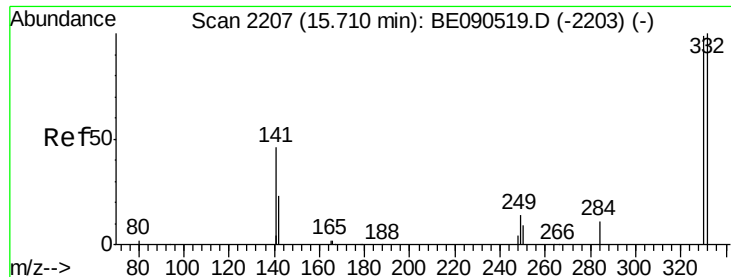


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

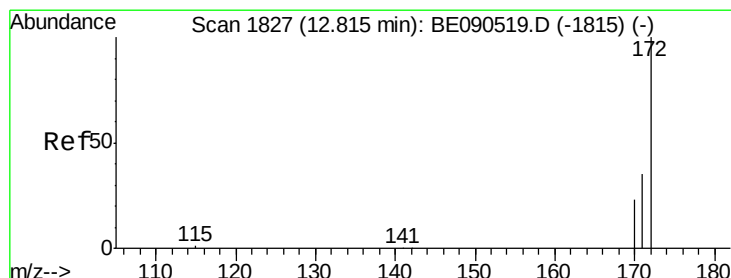
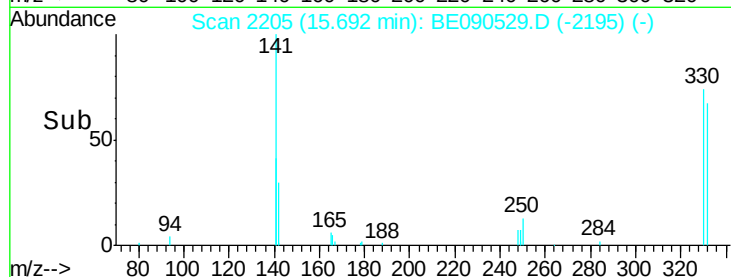
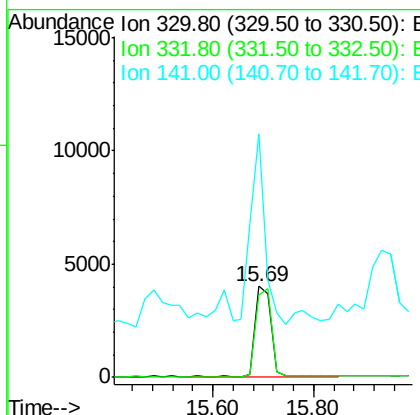
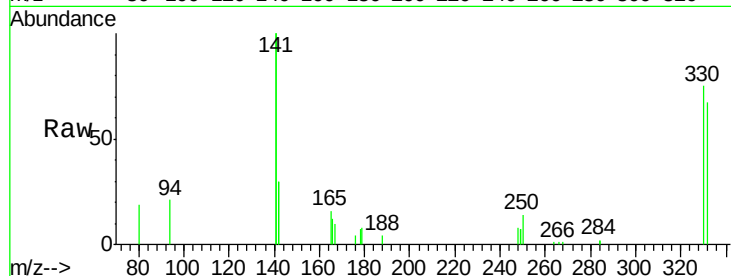




#13
 2,4,6-Tribromophenol
 Concen: 3.80 ng
 RT: 15.69 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BE090529.D
 Acq: 14 Aug 2015 20:21

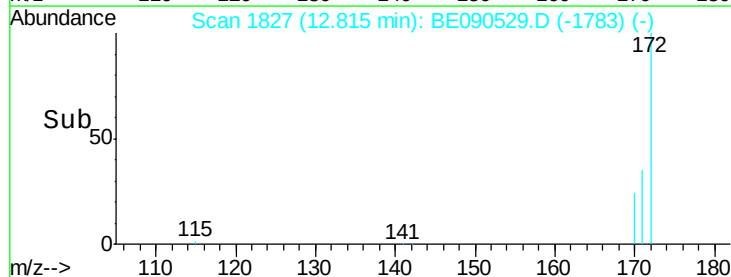
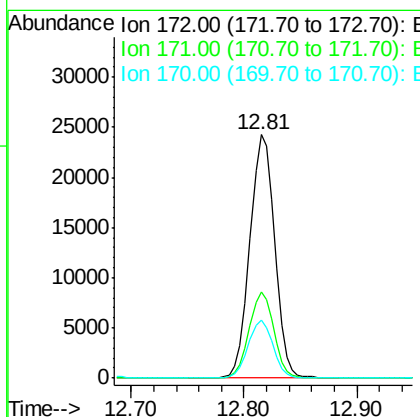
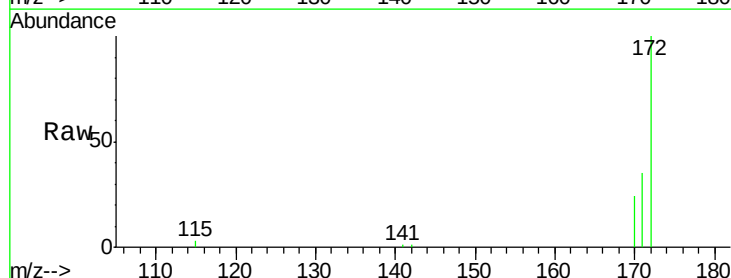
Instrument :
 BNA_E
 ClientSampleId :
 CSB-07

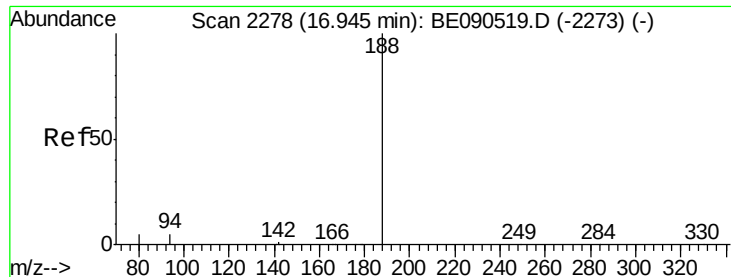
Tot Ion:330 Resp: 8419
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.8 113.6
 141 224.3 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 2.08 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090529.D
 Acq: 14 Aug 2015 20:21

Tgt Ion:172 Resp: 35830
 Ion Ratio Lower Upper
 172 100
 171 35.2 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: BE090529.D

Acq: 14 Aug 2015 20:21

Instrument :

BNA_E

ClientSampled :

CSB-07

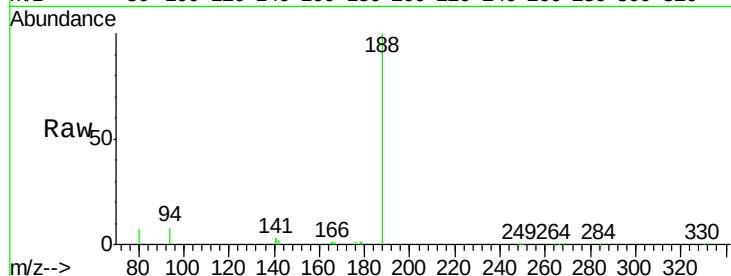
Tot Ion:188 Resp: 118452

Ion Ratio Lower Upper

188 100

94 7.5 5.7 8.5

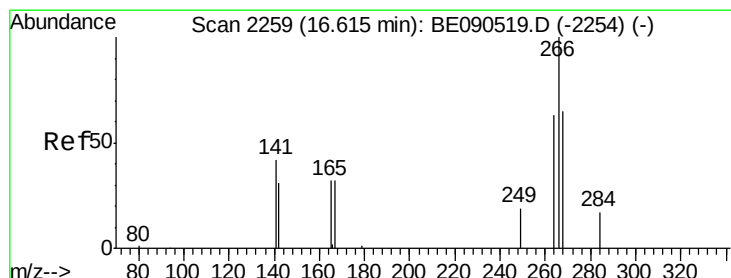
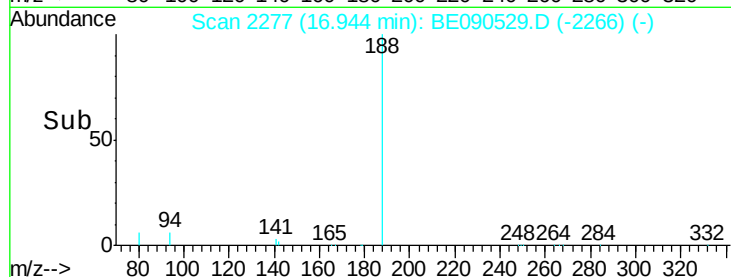
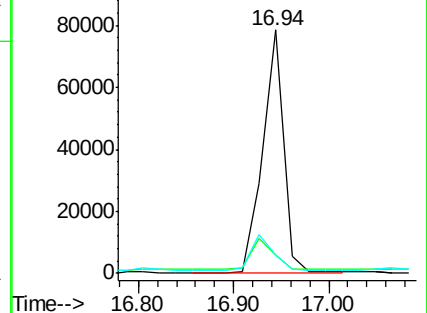
80 7.4 5.8 8.8



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: 0.56 ng

RT: 16.61 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

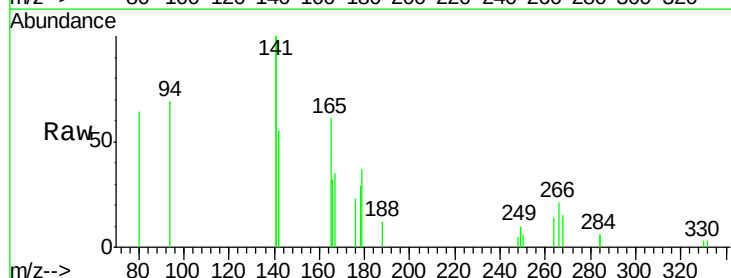
Tgt Ion:266 Resp: 705

Ion Ratio Lower Upper

266 100

268 74.0 58.5 87.7

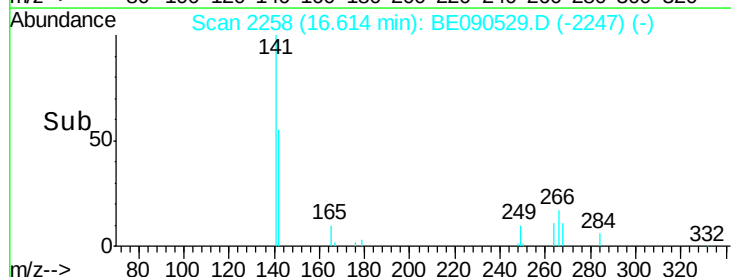
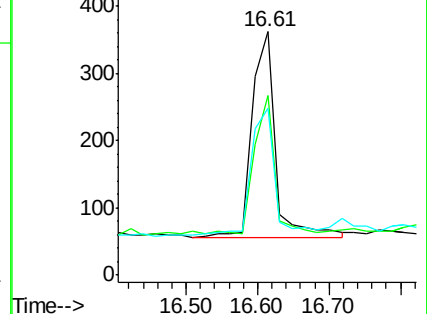
264 68.5 56.0 84.0

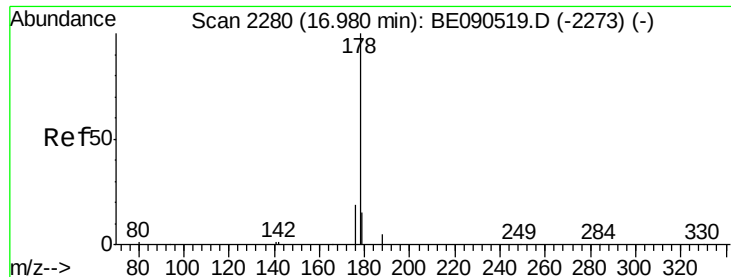


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Phenanthrene

Concen: 1.85 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

Instrument :

BNA_E

ClientSampleId :

CSB-07

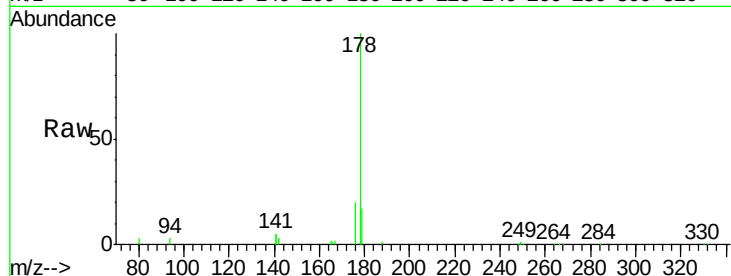
Tot Ion:178 Resp: 57619

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

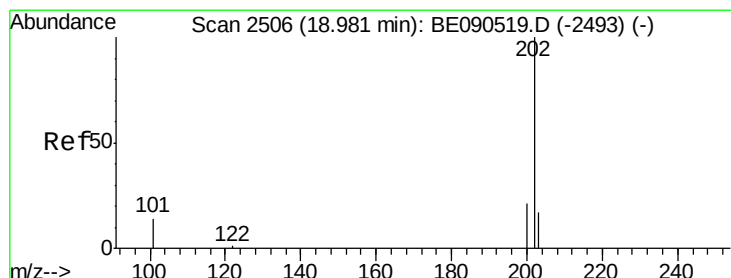
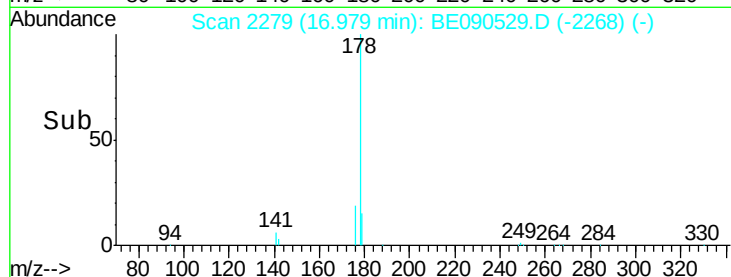
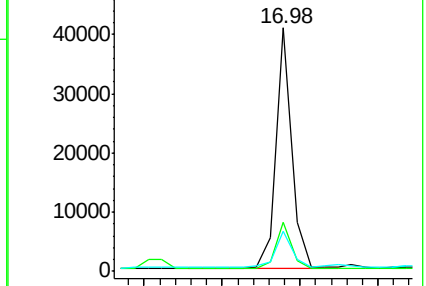
179 17.1 12.5 18.7



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: 1.50 ng

RT: 18.99 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

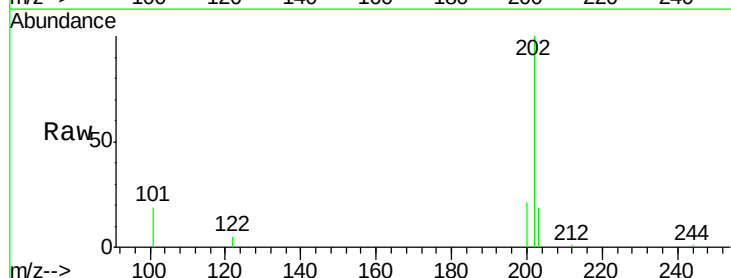
Tgt Ion:202 Resp: 49640

Ion Ratio Lower Upper

202 100

101 21.2 10.3 15.5#

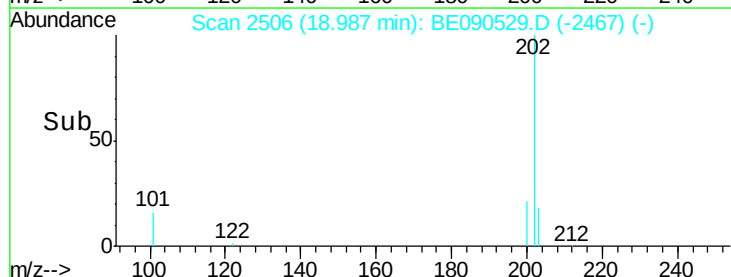
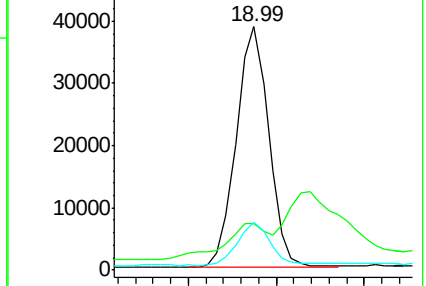
203 18.7 13.7 20.5

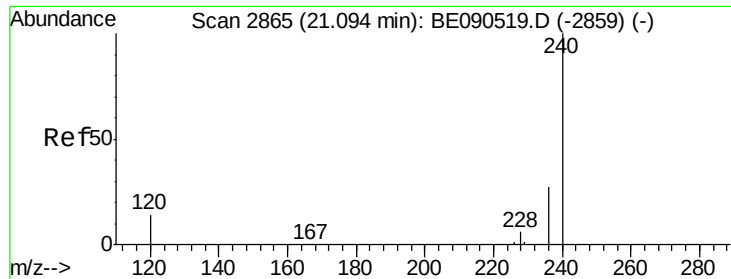


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.11 min Scan# 2865

Delta R.T. 0.01 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

Instrument :

BNA_E

ClientSampled :

CSB-07

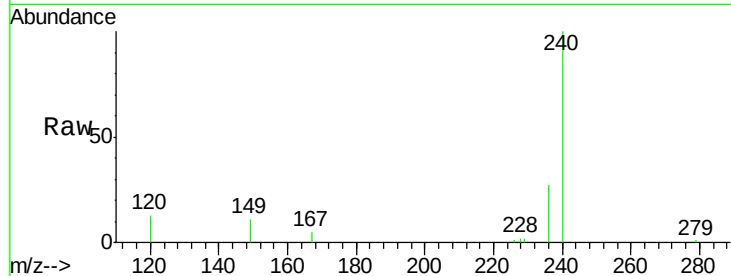
Tot Ion:240 Resp: 117354

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

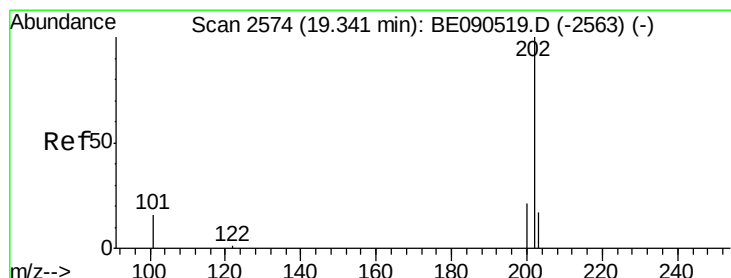
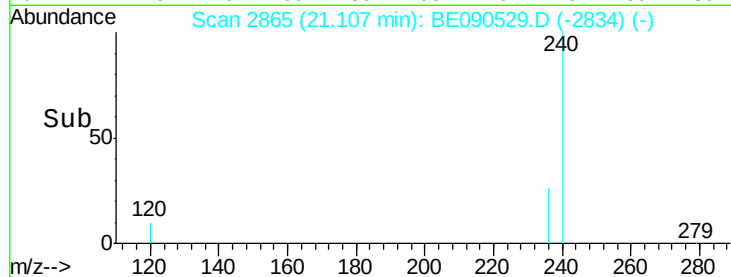
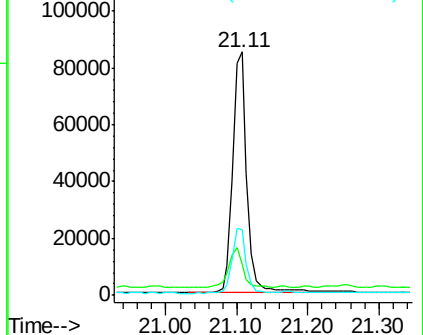
236 26.8 21.0 31.4



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: 0.58 ng

RT: 19.35 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

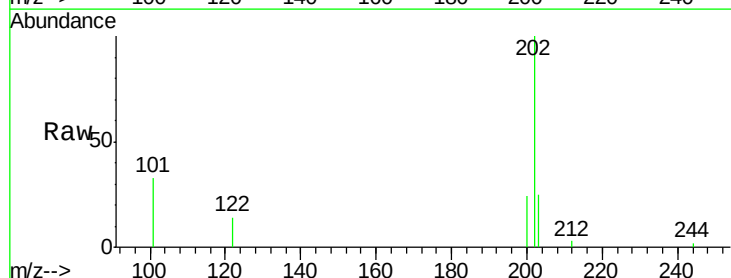
Tgt Ion:202 Resp: 19352

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

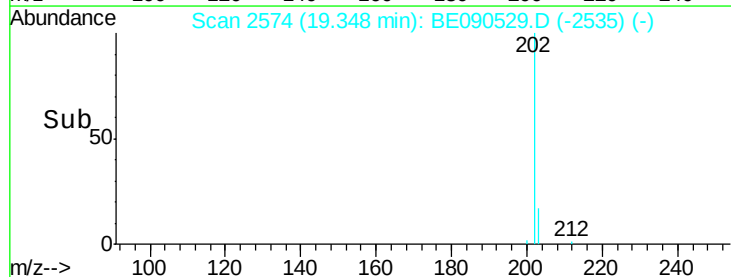
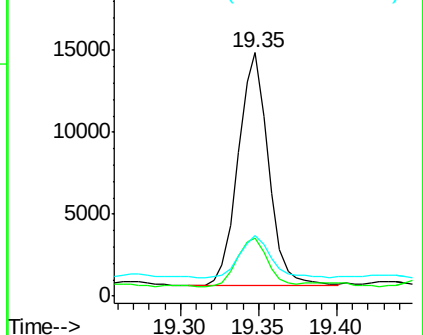
203 18.8 13.8 20.8

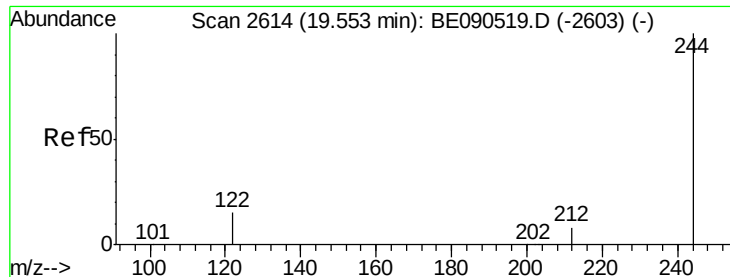


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 1.18 ng

RT: 19.56 min Scan# 2614

Delta R.T. 0.01 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

Instrument :

BNA_E

ClientSampled :

CSB-07

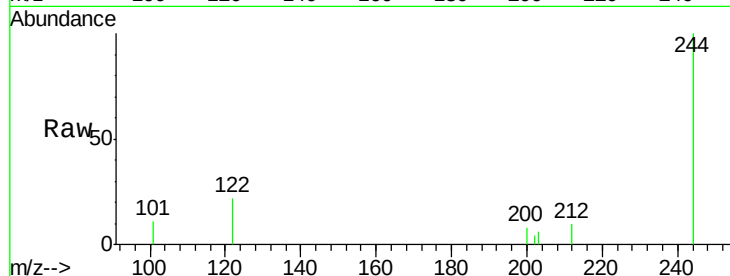
Tot Ion:244 Resp: 25246

Ion Ratio Lower Upper

244 100

212 9.7 6.6 9.8

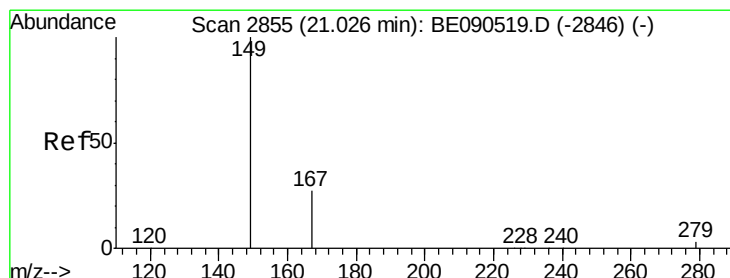
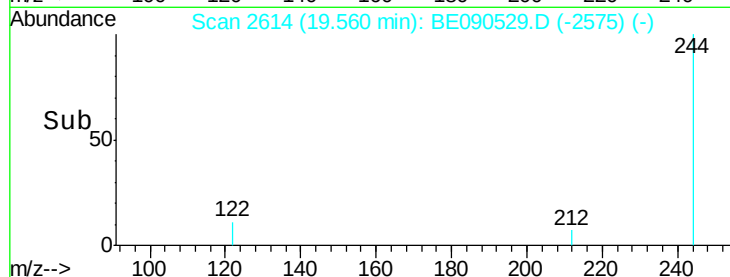
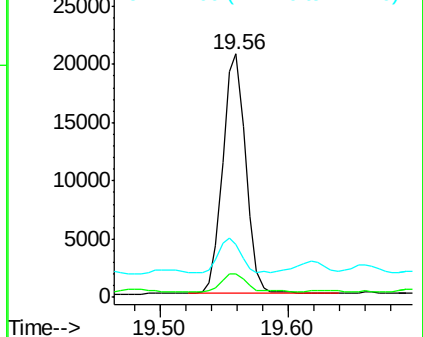
122 21.9 10.2 15.4#



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: 9.07 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BE090529.D

Acq: 14 Aug 2015 20:21

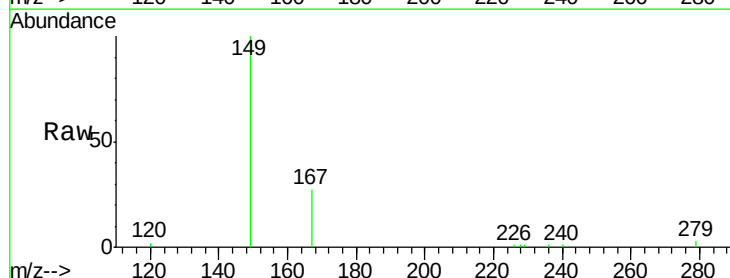
Tgt Ion:149 Resp: 169299

Ion Ratio Lower Upper

149 100

167 22.1 19.8 29.8

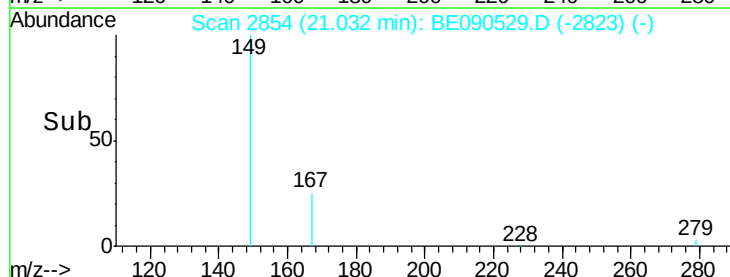
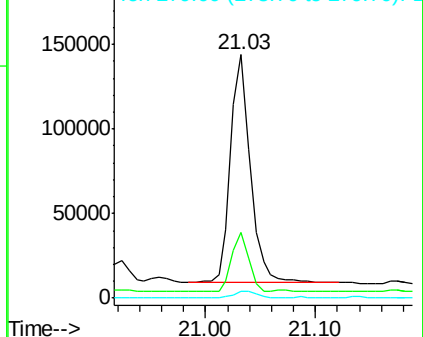
279 2.9 2.4 3.6

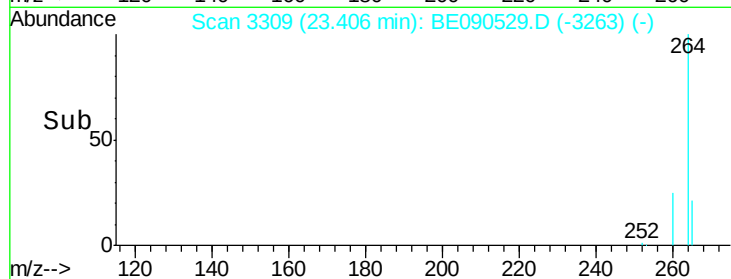
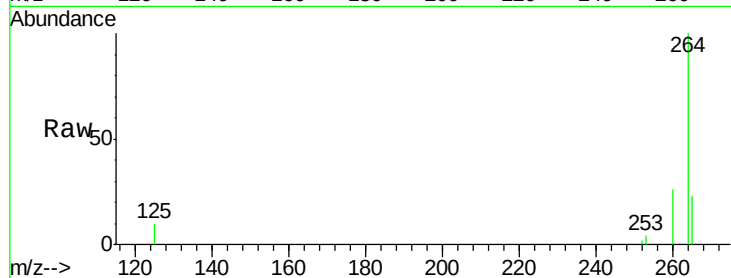
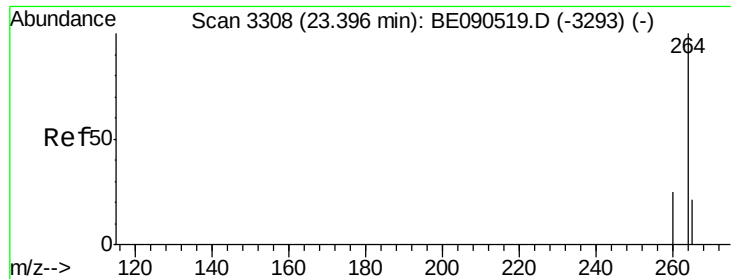


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.41 min Scan# 3309
 Delta R.T. 0.01 min
 Lab File: BE090529.D
 Acq: 14 Aug 2015 20:21

Instrument :
 BNA_E
 ClientSampleId :
 CSB-07

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	22.6	17.2	25.8

