

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081415\
 Data File : BE090524.D
 Acq On : 14 Aug 2015 17:19
 Operator : UM/IZ
 Sample : G3248-04DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSB-02DL

Quant Time: Aug 17 06:54:07 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

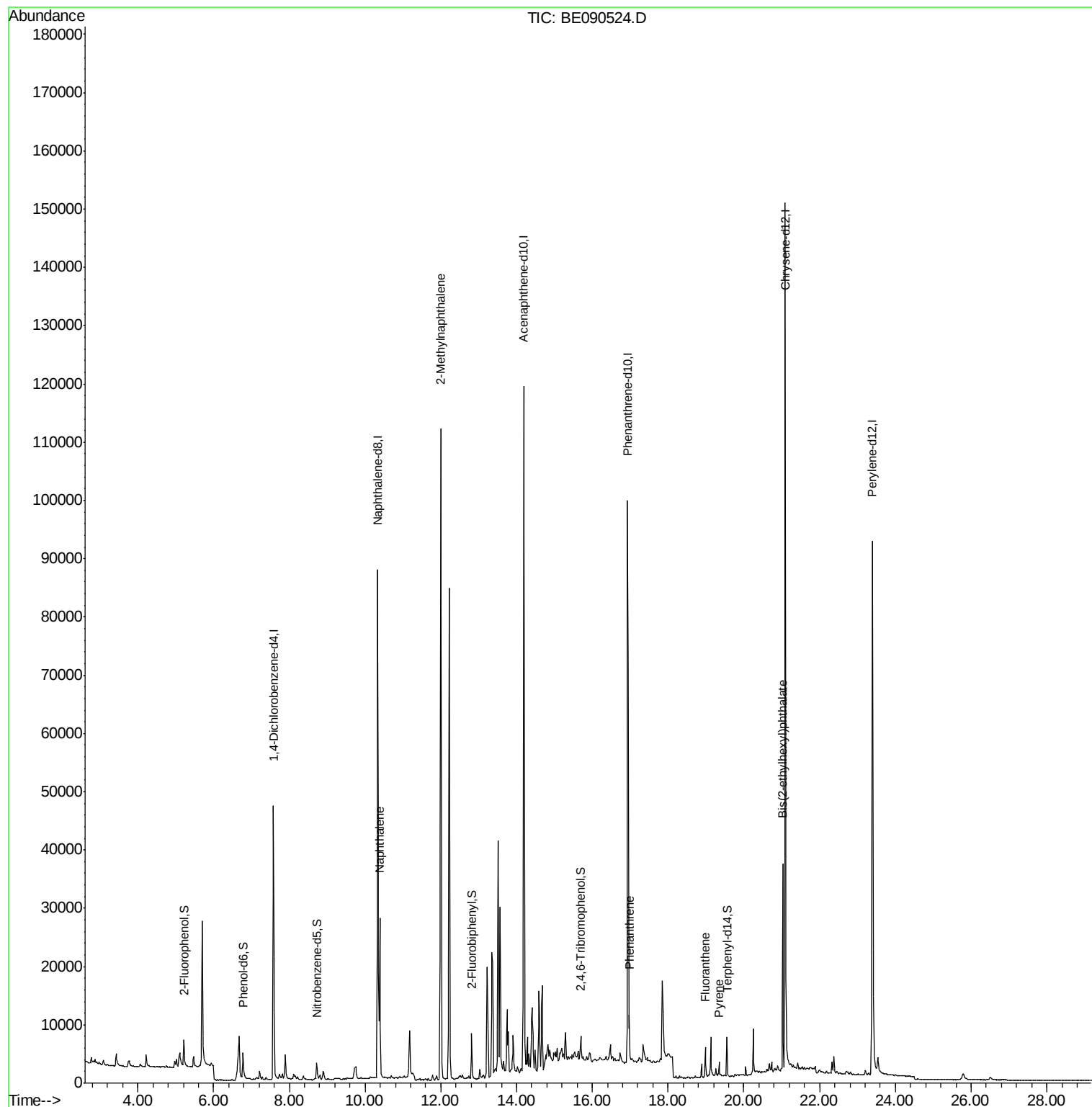
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22980	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	116442	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	63280	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	142687	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	144655	5.00	ng	0.00
32) Perylene-d12	23.39	264	132129	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3675	0.55	ng	0.00
5) Phenol-d6	6.77	99	5659	0.58	ng	0.00
7) Nitrobenzene-d5	8.72	82	2998	0.32	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	1613	0.66	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	7286	0.39	ng	0.00
27) Terphenyl-d14	19.55	244	7016	0.27	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.38	128	37022	1.40	ng	99
11) 2-Methylnaphthalene	12.00	142	78601	4.56	ng	98
22) Phenanthrene	16.98	178	9218	0.25	ng	98
24) Fluoranthene	18.98	202	4859	0.12	ng	# 80
26) Pyrene	19.34	202	2246	0.05	ng	98
30) Bis(2-ethylhexyl)phthalate	21.03	149	34041	1.60	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: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090524.D

Acq: 14 Aug 2015 17:19

Instrument :

BNA_E

ClientSampleId :

CSB-02DL

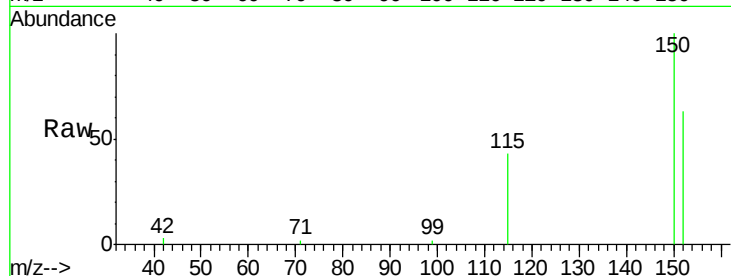
Tot Ion:152 Resp: 22980

Ion Ratio Lower Upper

152 100

150 158.8 123.0 184.4

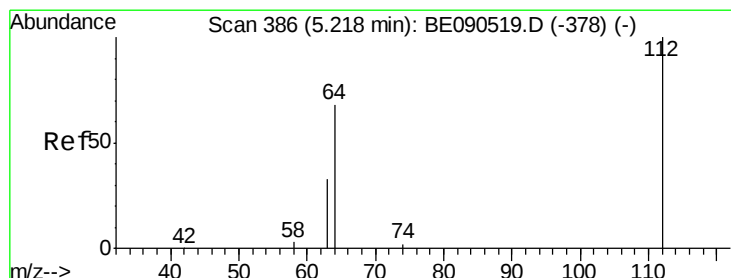
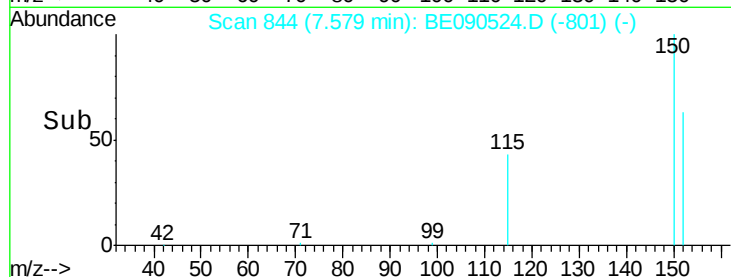
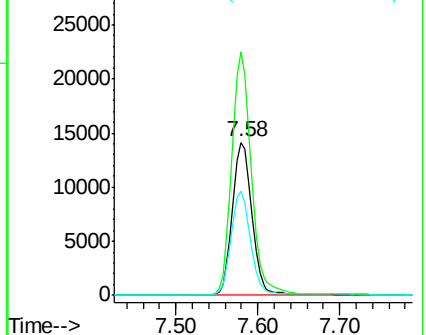
115 68.0 48.9 73.3



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: 0.55 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090524.D

Acq: 14 Aug 2015 17:19

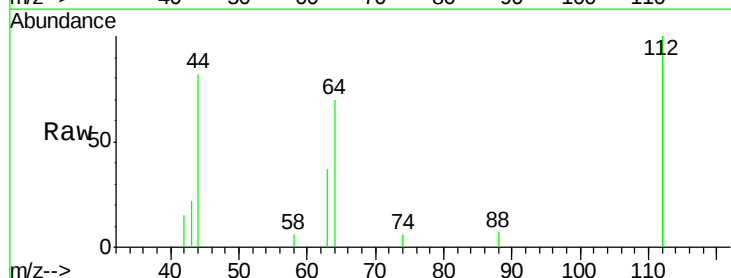
Tgt Ion:112 Resp: 3675

Ion Ratio Lower Upper

112 100

64 70.0 37.1 55.7#

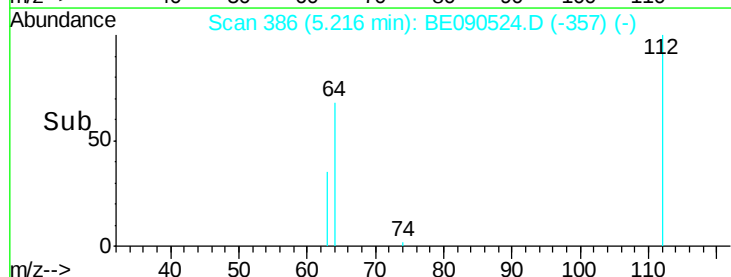
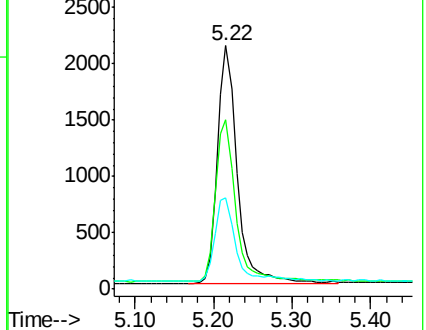
63 37.7 19.5 29.3#

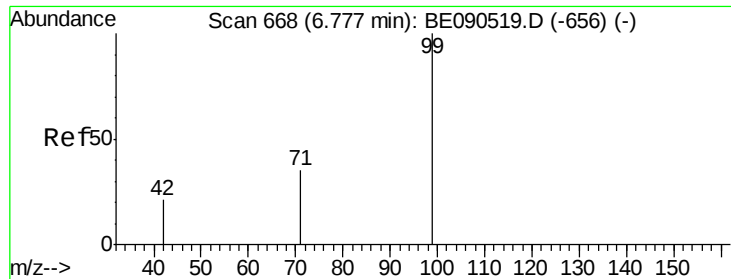


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.58 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090524.D

Acq: 14 Aug 2015 17:19

Instrument :

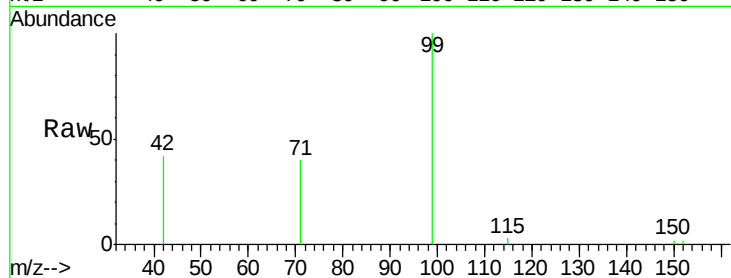
BNA_E

ClientSampleId :

CSB-02DL

Tot Ion: 99 Resp: 5659

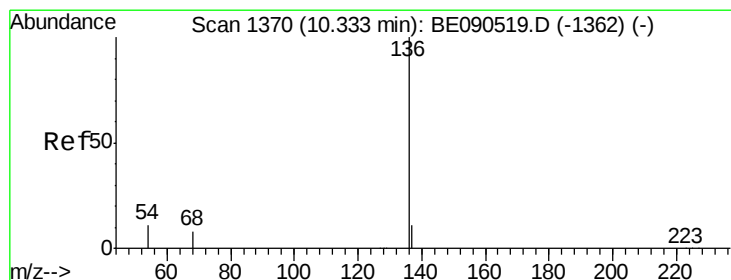
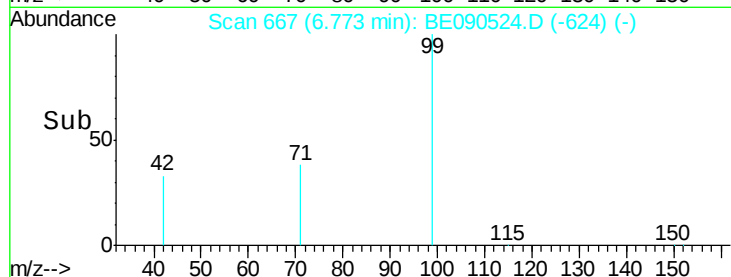
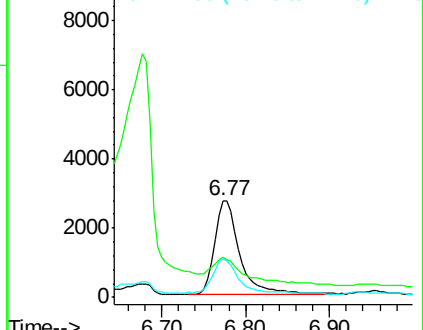
Ion	Ratio	Lower	Upper
99	100		
42	41.9	18.2	27.4#
71	40.1	27.4	41.0



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

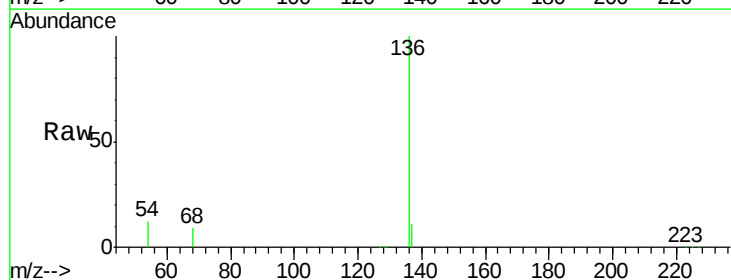
Delta R.T. -0.00 min

Lab File: BE090524.D

Acq: 14 Aug 2015 17:19

Tgt Ion: 136 Resp: 116442

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.3	9.4	14.0
68	9.1	6.5	9.7

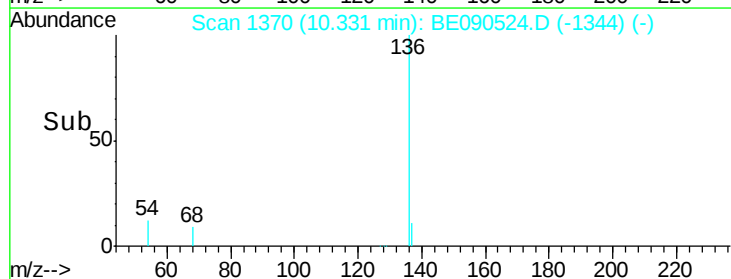
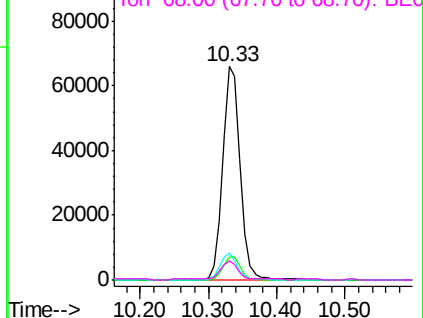


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.32 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090524.D

Acq: 14 Aug 2015 17:19

Instrument :

BNA_E

ClientSampleId :

CSB-02DL

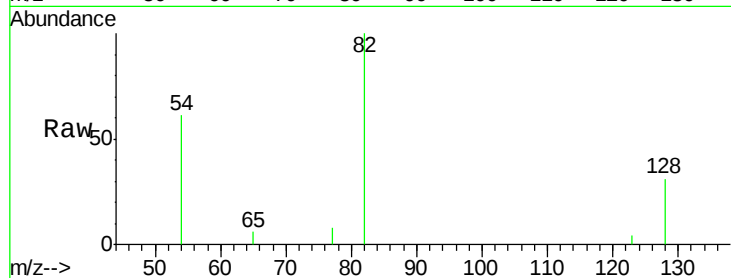
Tot Ion: 82 Resp: 2998

Ion Ratio Lower Upper

82 100

128 31.2 25.0 37.6

54 61.3 48.8 73.2

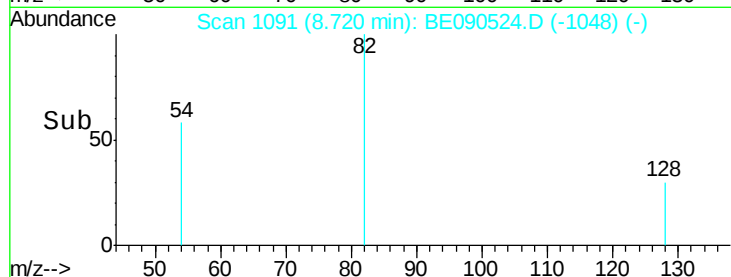


Abundance Ion 82.00 (81.70 to 82.70): BE090519.D (-1082) (-)

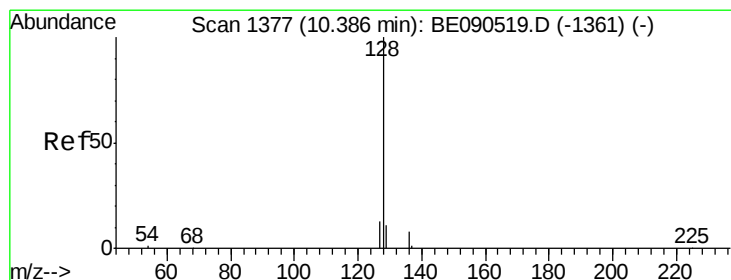
Ion 128.00 (127.70 to 128.70): BE090519.D (-1082) (-)

Ion 54.00 (53.70 to 54.70): BE090519.D (-1082) (-)

Time-->



Time-->



#9

Naphthalene

Concen: 1.40 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090524.D

Acq: 14 Aug 2015 17:19

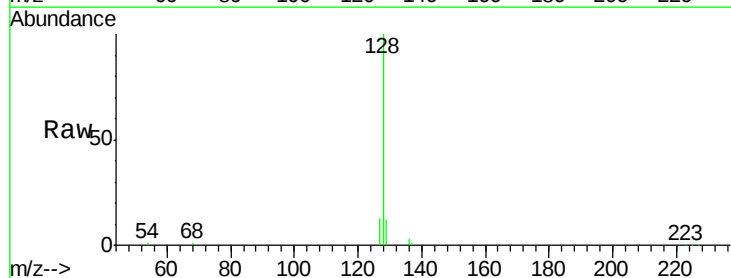
Tgt Ion: 128 Resp: 37022

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.6

127 13.0 10.6 16.0

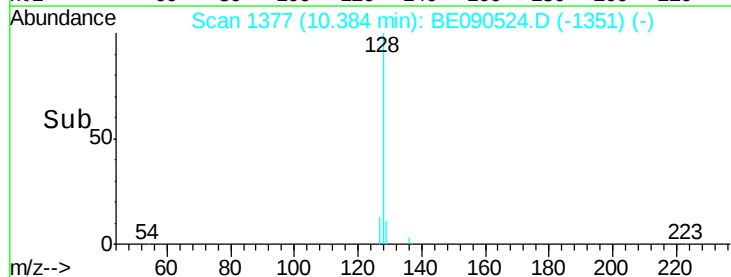


Abundance Ion 128.00 (127.70 to 128.70): BE090519.D (-1361) (-)

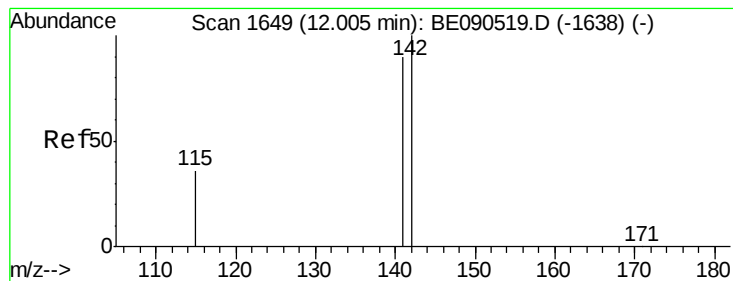
Ion 129.00 (128.70 to 129.70): BE090519.D (-1361) (-)

Ion 127.00 (126.70 to 127.70): BE090519.D (-1361) (-)

Time-->



Time-->



#11

2-Methylnaphthalene

Concen: 4.56 ng

RT: 12.00 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE090524.D

Acq: 14 Aug 2015 17:19

Instrument :

BNA_E

ClientSampleId :

CSB-02DL

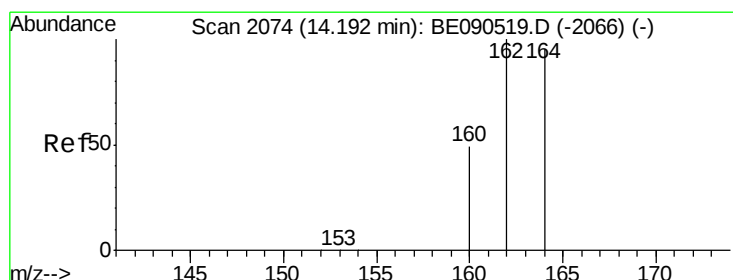
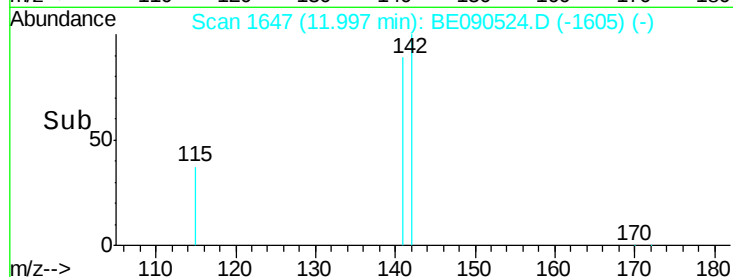
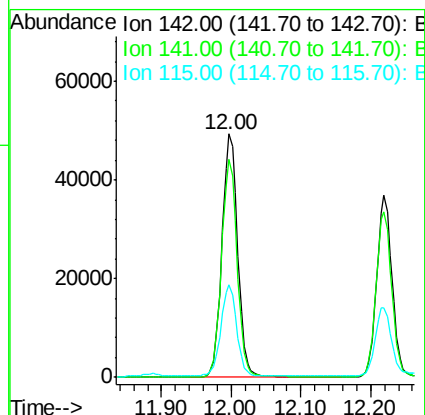
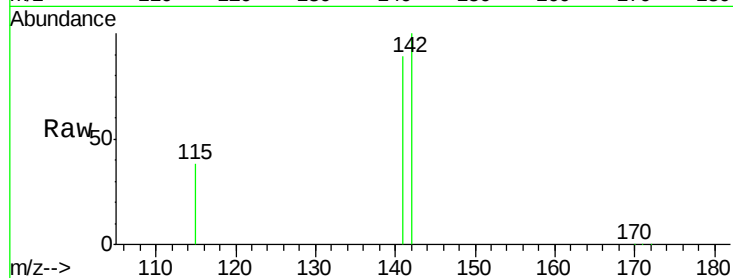
Tot Ion:142 Resp: 78601

Ion Ratio Lower Upper

142 100

141 89.4 72.6 109.0

115 37.9 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: BE090524.D

Acq: 14 Aug 2015 17:19

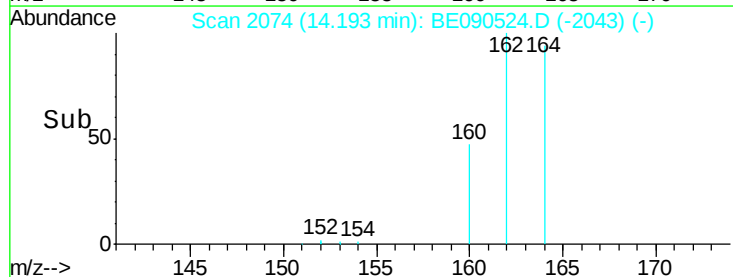
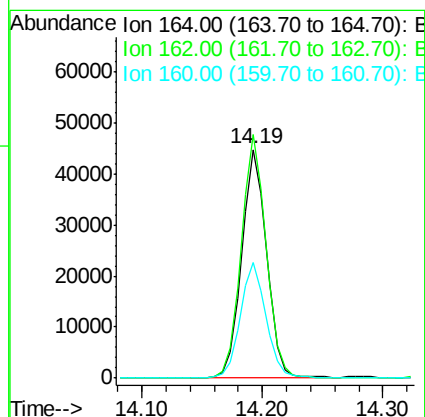
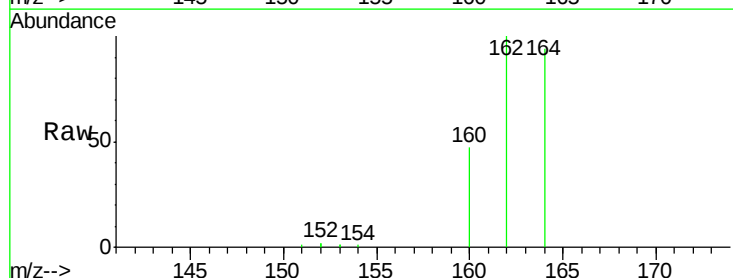
Tgt Ion:164 Resp: 63280

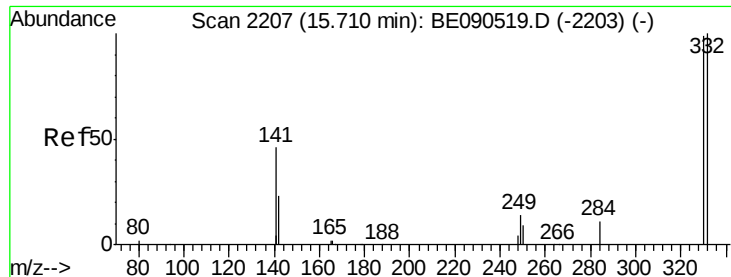
Ion Ratio Lower Upper

164 100

162 106.5 81.8 122.8

160 50.5 44.2 66.4

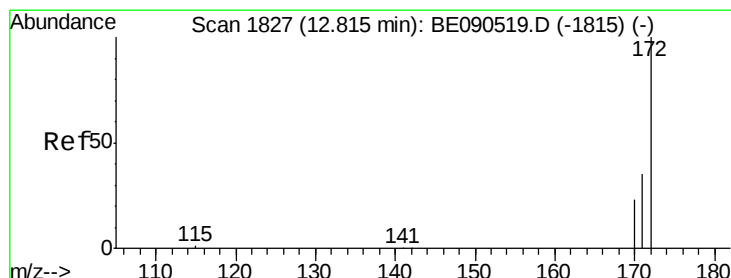
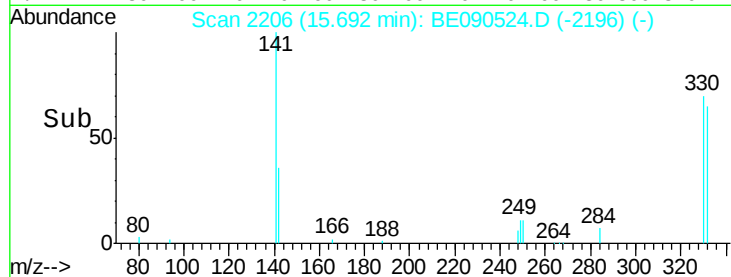
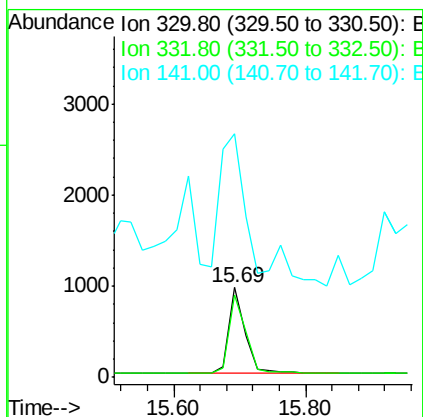
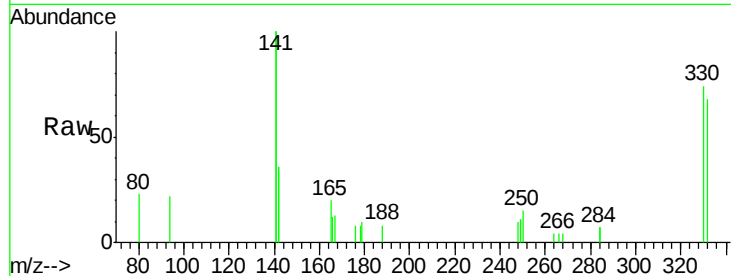




#13
 2,4,6-Tribromophenol
 Concen: 0.66 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090524.D
 Acq: 14 Aug 2015 17:19

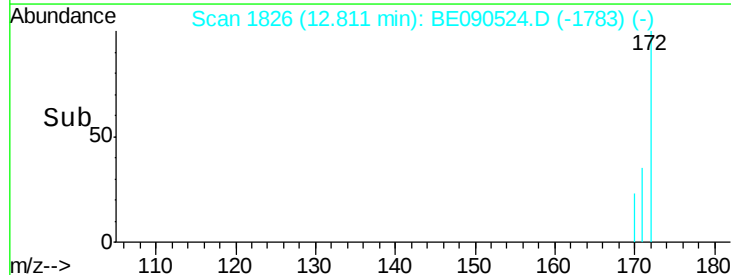
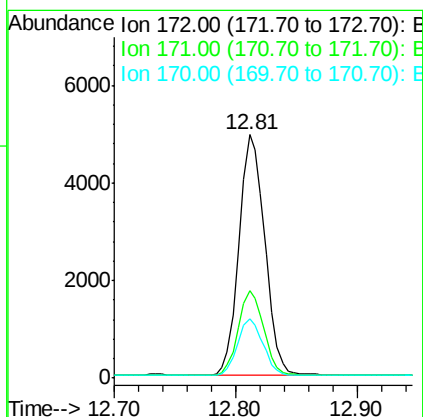
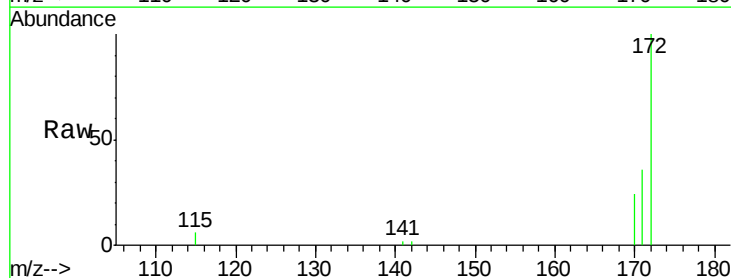
Instrument :
 BNA_E
 ClientSampleId :
 CSB-02DL

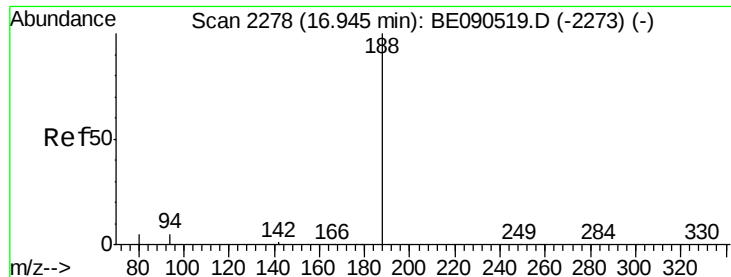
Tot Ion:330 Resp: 1613
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.8 113.6
 141 221.6 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 0.39 ng
 RT: 12.81 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BE090524.D
 Acq: 14 Aug 2015 17:19

Tgt Ion:172 Resp: 7286
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.1 19.8 29.8

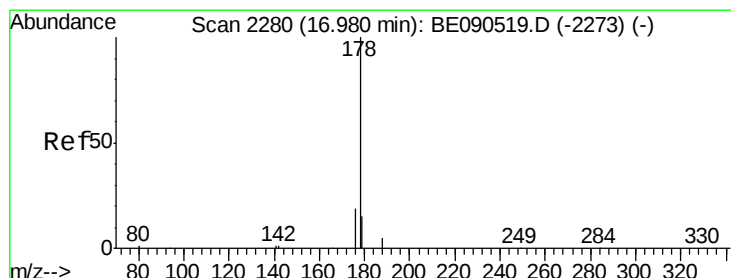
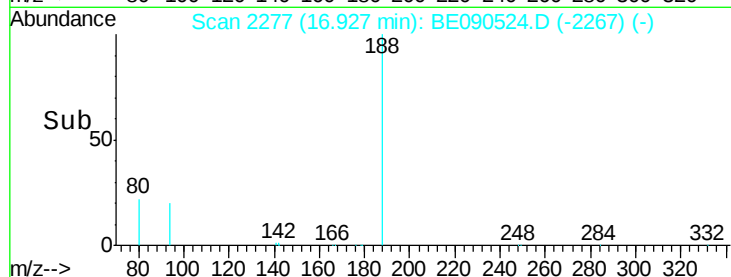
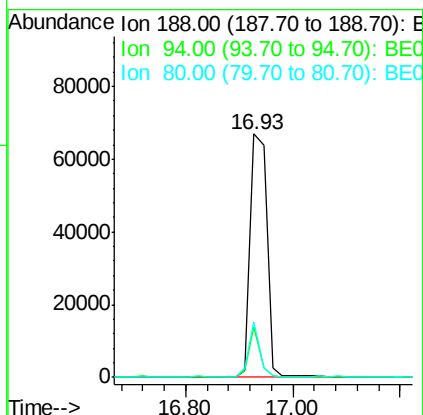
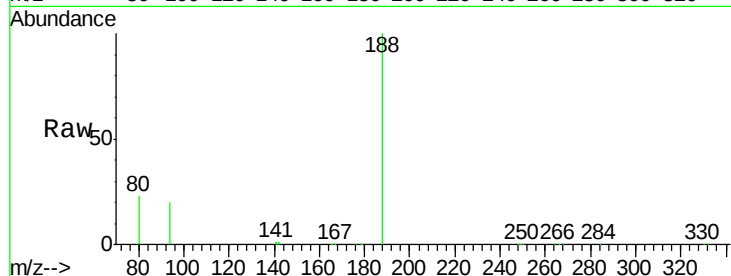




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.93 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090524.D
Acq: 14 Aug 2015 17:19

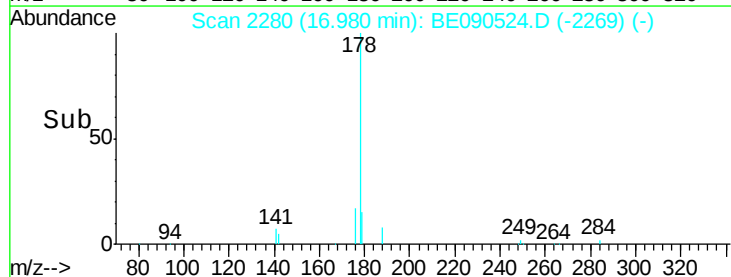
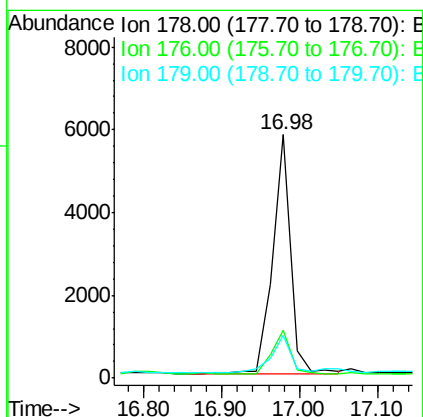
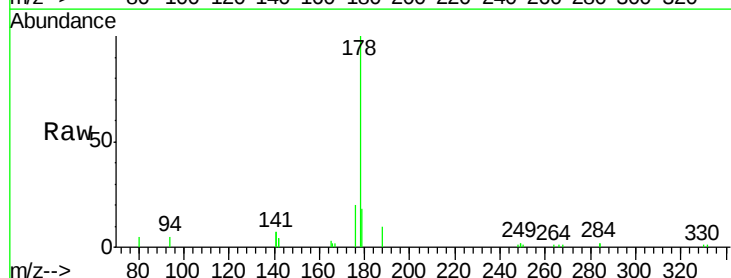
Instrument :
BNA_E
ClientSampleId :
CSB-02DL

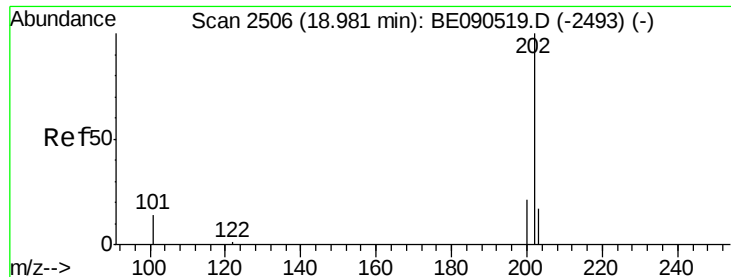
Tot Ion:188 Resp: 142687
Ion Ratio Lower Upper
188 100
94 20.5 5.7 8.5#
80 22.7 5.8 8.8#



#22
Phenanthrene
Concen: 0.25 ng
RT: 16.98 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090524.D
Acq: 14 Aug 2015 17:19

Tgt Ion:178 Resp: 9218
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 17.1 12.5 18.7





#24

Fluoranthene

Concen: 0.12 ng

RT: 18.98 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BE090524.D

Acq: 14 Aug 2015 17:19

Instrument :

BNA_E

ClientSampleId :

CSB-02DL

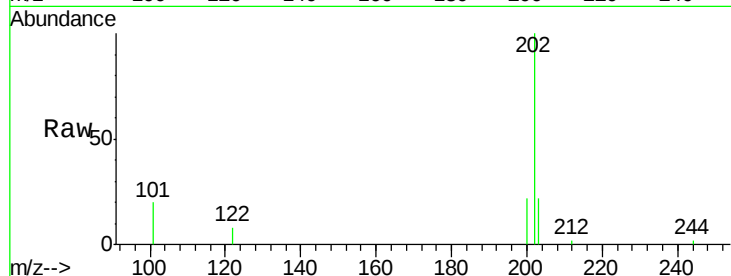
Tot Ion:202 Resp: 4859

Ion Ratio Lower Upper

202 100

101 30.1 10.3 15.5#

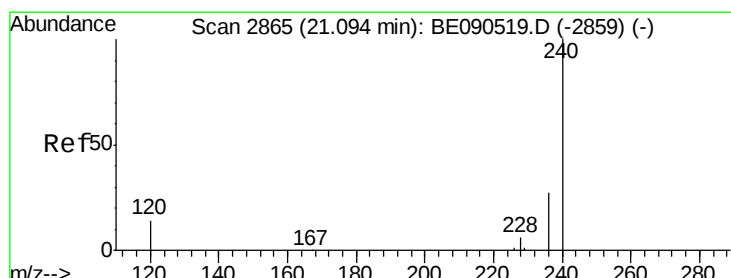
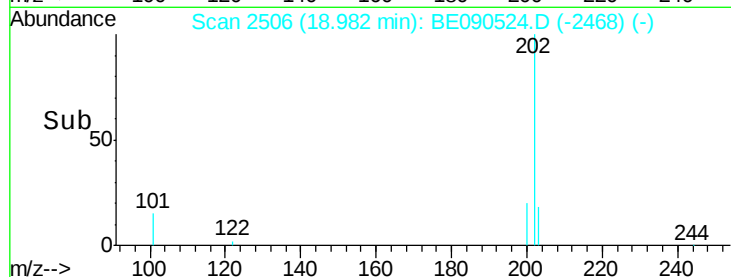
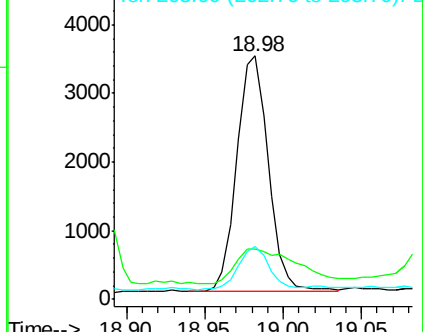
203 17.8 13.7 20.5



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. 0.00 min

Lab File: BE090524.D

Acq: 14 Aug 2015 17:19

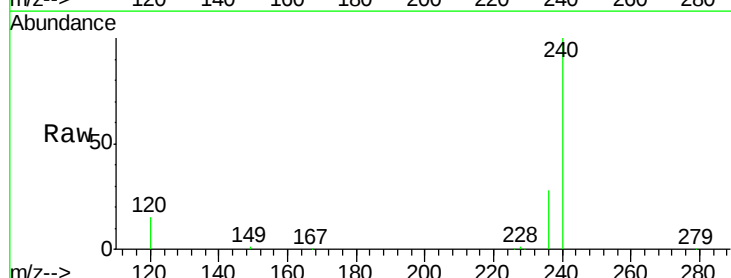
Tgt Ion:240 Resp: 144655

Ion Ratio Lower Upper

240 100

120 14.6 8.3 12.5#

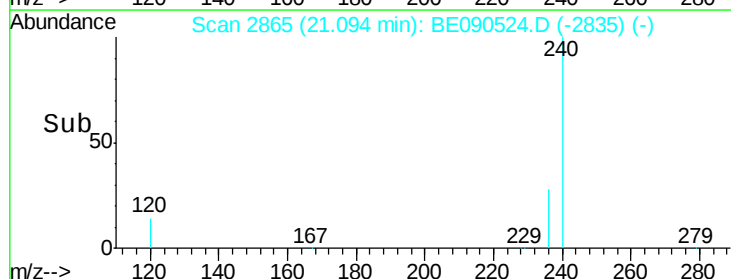
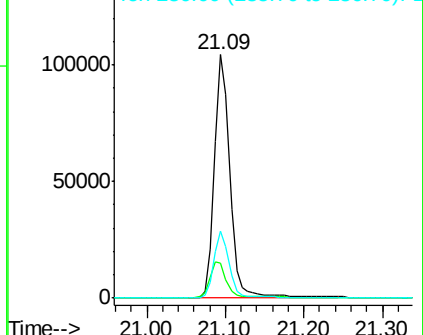
236 27.7 21.0 31.4

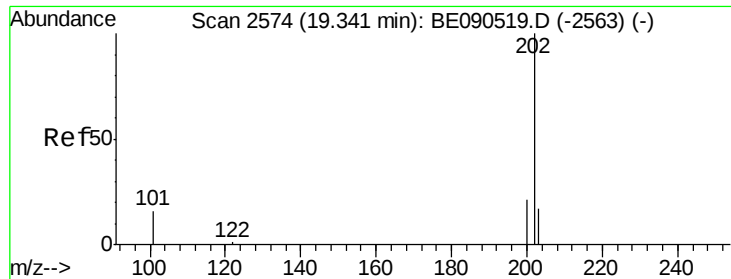


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

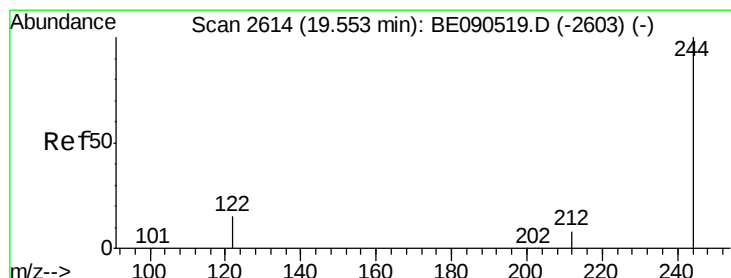
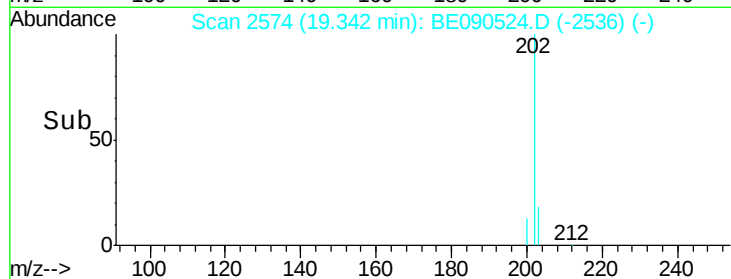
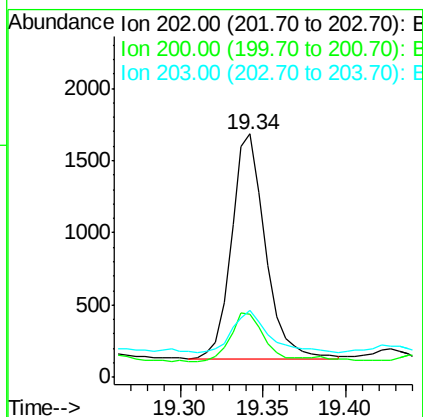
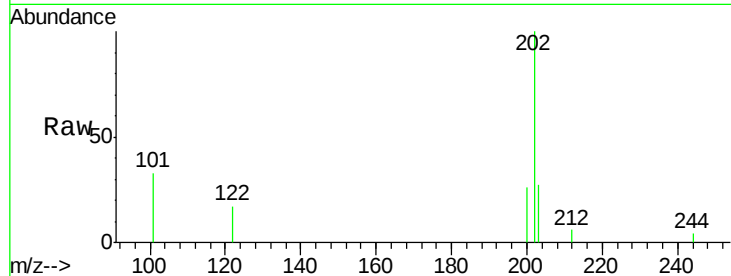




#26
Pvrene
Concen: 0.05 ng
RT: 19.34 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090524.D
Acq: 14 Aug 2015 17:19

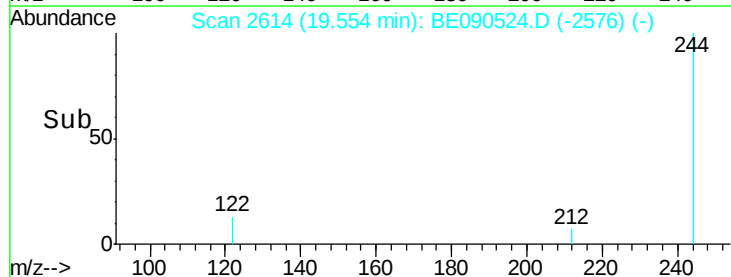
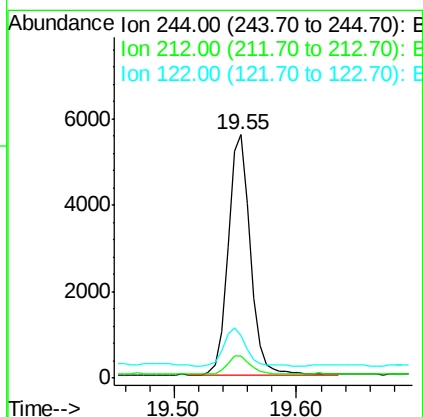
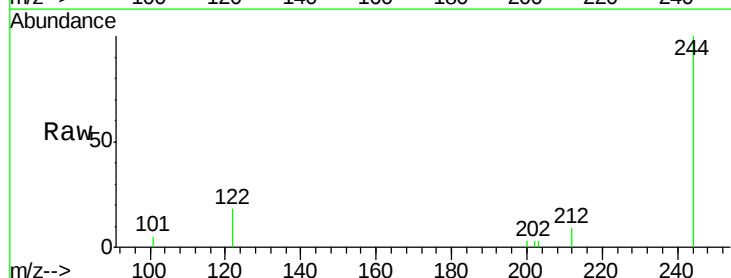
Instrument :
BNA_E
ClientSampleId :
CSB-02DL

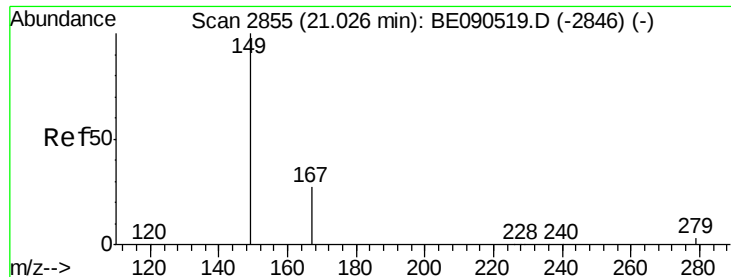
Tot Ion:202 Resp: 2246
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 19.0 13.8 20.8



#27
Terphenyl-d14
Concen: 0.27 ng
RT: 19.55 min Scan# 2614
Delta R.T. 0.00 min
Lab File: BE090524.D
Acq: 14 Aug 2015 17:19

Tgt Ion:244 Resp: 7016
Ion Ratio Lower Upper
244 100
212 9.1 6.6 9.8
122 17.5 10.2 15.4#





#30

Bis(2-ethylhexyl)phthalate

Concen: 1.60 ng

RT: 21.03 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BE090524.D

Acq: 14 Aug 2015 17:19

Instrument :

BNA_E

ClientSampleId :

CSB-02DL

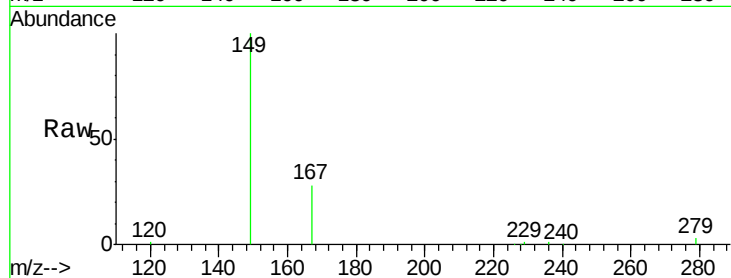
Tot Ion:149 Resp: 34041

Ion Ratio Lower Upper

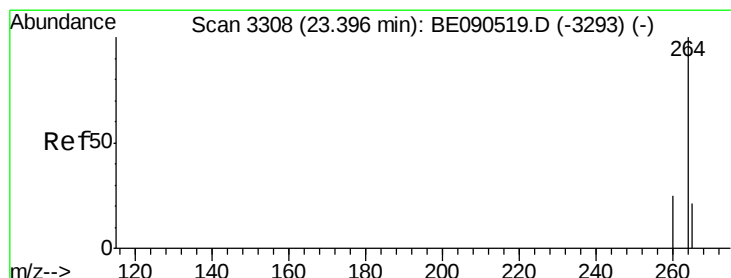
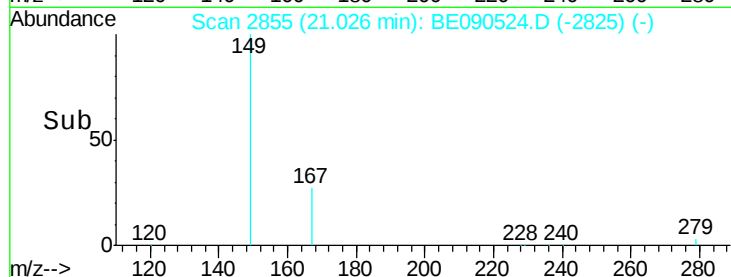
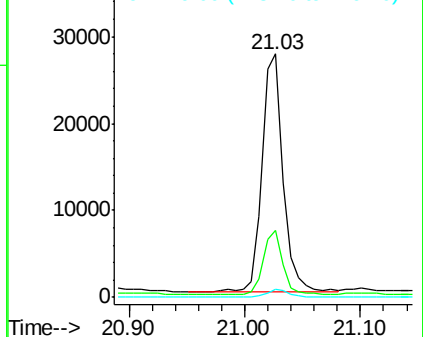
149 100

167 25.0 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

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090524.D

Acq: 14 Aug 2015 17:19

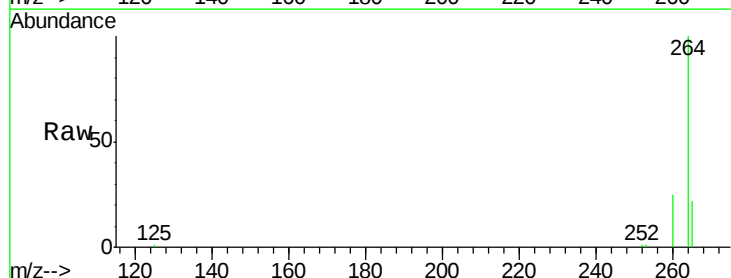
Tgt Ion:264 Resp: 132129

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 21.7 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

