

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081815\
 Data File : BE090554.D
 Acq On : 18 Aug 2015 15:07
 Operator : UM/IZ
 Sample : PB85070BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85070BL

Quant Time: Aug 19 02:31:13 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 02:30:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23105	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	117758	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	64048	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	137691	5.00	ng	0.00
25) Chrysene-d12	21.09	240	134611	5.00	ng	0.00
32) Perylene-d12	23.40	264	121982	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	39366	5.89	ng	0.00
5) Phenol-d6	6.77	99	55288	5.63	ng	0.00
7) Nitrobenzene-d5	8.72	82	23376	2.49	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	14068	5.71	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	49083	2.57	ng	0.00
27) Terphenyl-d14	19.55	244	67237	2.73	ng	0.00

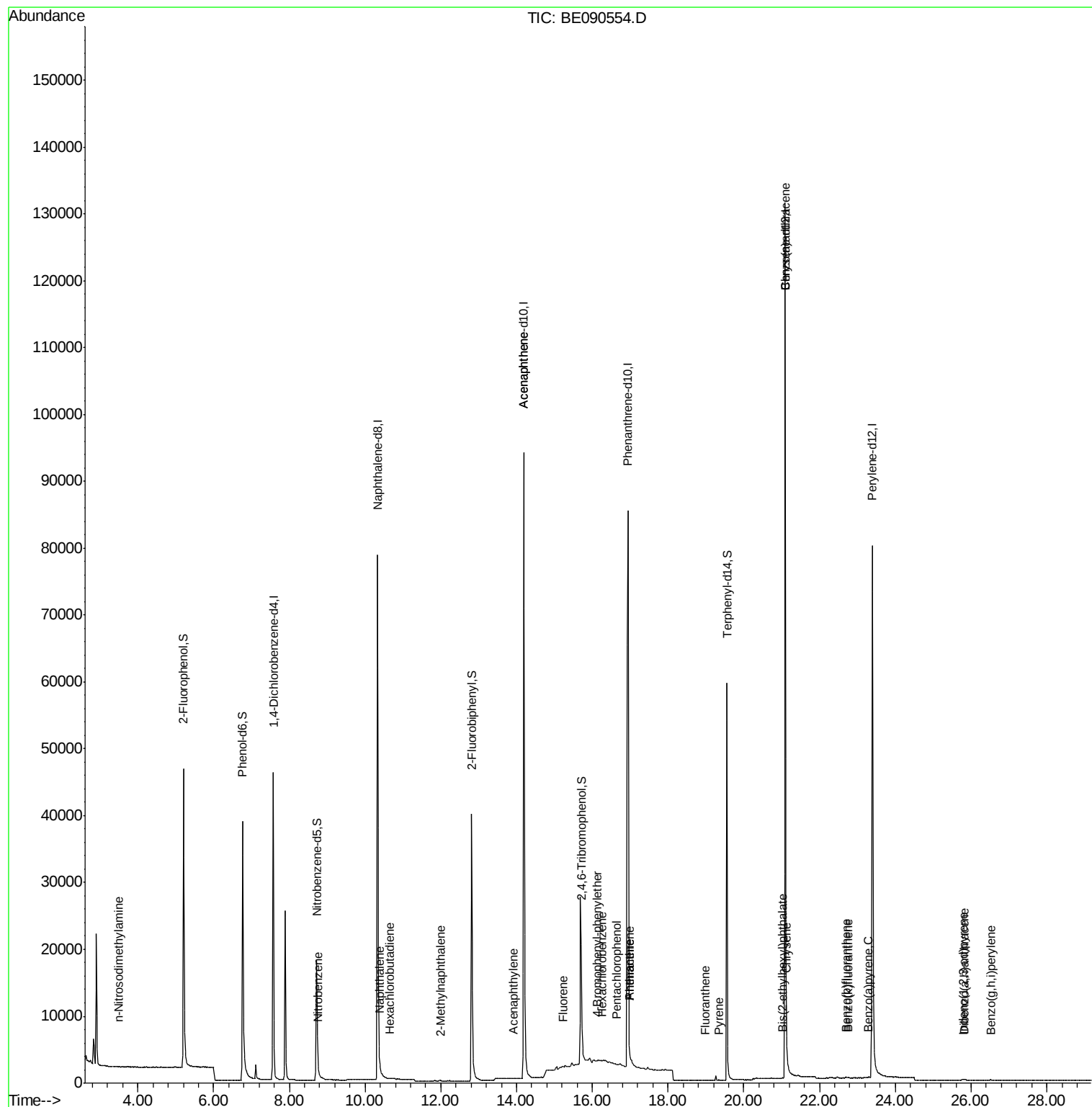
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.49	42	18	0.00	ng	# 13
8) Nitrobenzene	8.77	77	11	0.00	ng	# 76
9) Naphthalene	10.38	128	51	0.00	ng	# 1
10) Hexachlorobutadiene	10.67	225	1	0.00	ng	# 19
11) 2-Methylnaphthalene	12.01	142	20	0.00	ng	# 54
15) Acenaphthylene	13.92	152	16	0.00	ng	# 1
16) Acenaphthene	14.19	154	288	0.02	ng	# 1
17) Fluorene	15.22	166	82	0.00	ng	# 7
19) 4-Bromophenyl-phenylether	16.13	248	24	0.00	ng	# 1
20) Hexachlorobenzene	16.25	284	13	0.00	ng	# 40
21) Pentachlorophenol	16.63	266	15	0.31	ng	# 69
22) Phenanthrene	16.98	178	419	0.01	ng	# 65
23) Anthracene	16.98	178	419	0.01	ng	# 77
24) Fluoranthene	18.99	202	121	0.00	ng	# 85
26) Pyrene	19.35	202	117	0.00	ng	# 91
28) Benzo(a)anthracene	21.09	228	501	0.01	ng	# 78
29) Chrysene	21.13	228	184	0.01	ng	# 57
30) Bis(2-ethylhexyl)phthalate	21.03	149	177	0.15	ng	# 88
31) Indeno(1,2,3-cd)pyrene	25.79	276	152	0.00	ng	# 81
33) Benzo(b)fluoranthene	22.70	252	157	0.01	ng	# 1
34) Benzo(k)fluoranthene	22.75	252	143	0.00	ng	# 1
35) Benzo(a)pyrene	23.29	252	165	0.01	ng	# 1
36) Dibenzo(a,h)anthracene	25.80	278	274	0.01	ng	# 1
37) Benzo(g,h,i)perylene	26.52	276	227	0.01	ng	# 1

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

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Quant Time: Aug 19 02:31:13 2015
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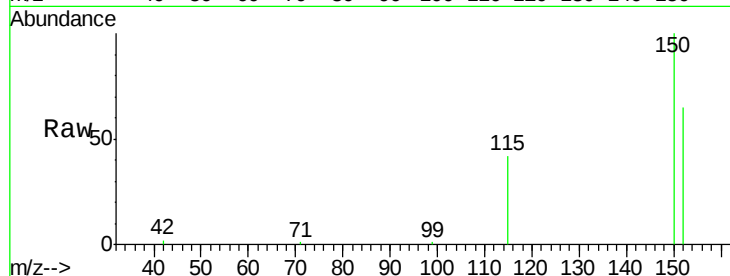


#1

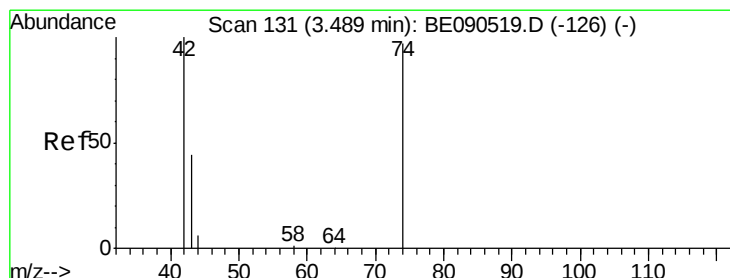
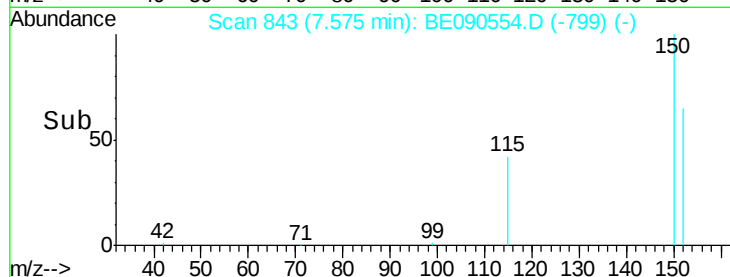
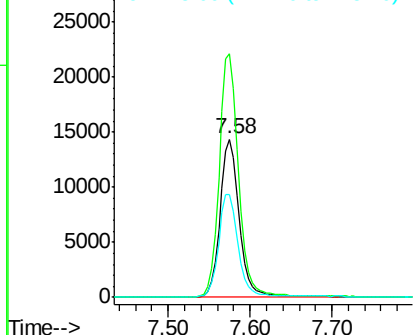
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 843
Delta R.T. 0.00 min
Lab File: BE090554.D
Acq: 18 Aug 2015 15:07

Instrument :
BNA_E
ClientSampleId :
PB85070BL

Tgt Ion:152 Resp: 23105
Ion Ratio Lower Upper
152 100
150 154.2 123.0 184.4
115 64.8 48.9 73.3



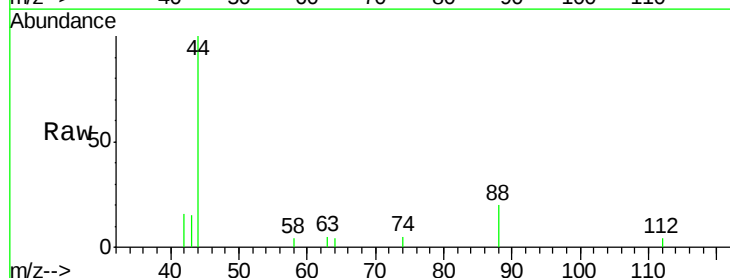
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



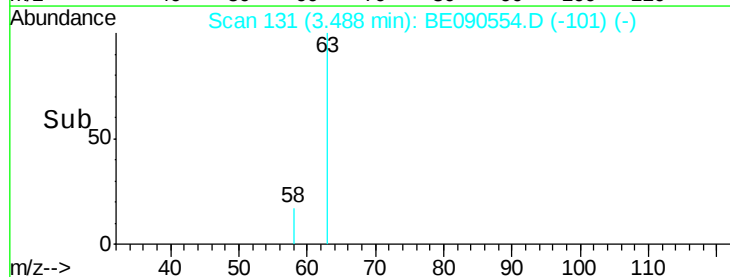
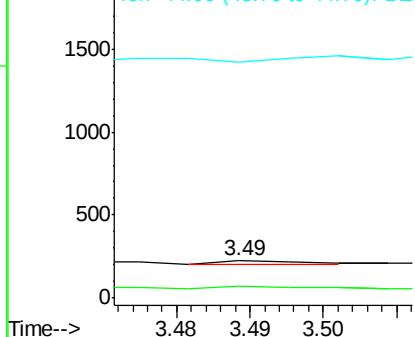
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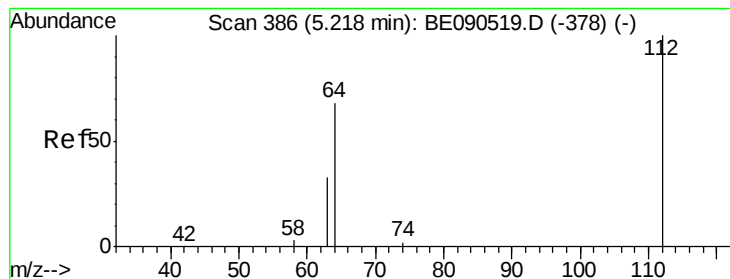
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.49 min Scan# 131
Delta R.T. 0.01 min
Lab File: BE090554.D
Acq: 18 Aug 2015 15:07

Tgt Ion: 42 Resp: 18
Ion Ratio Lower Upper
42 100
74 50.0 75.2 112.8#
44 177.8 8.7 13.1#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 5.89 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

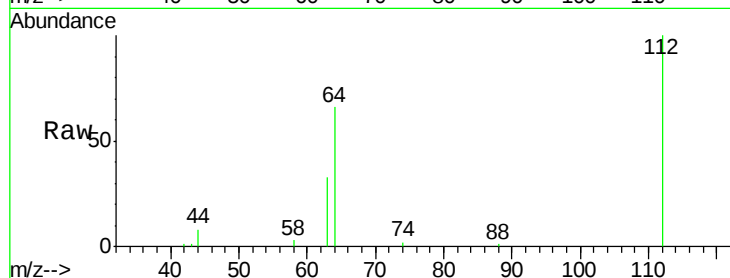
Tgt Ion: 112 Resp: 39366

Ion Ratio Lower Upper

112 100

64 69.0 37.1 55.7#

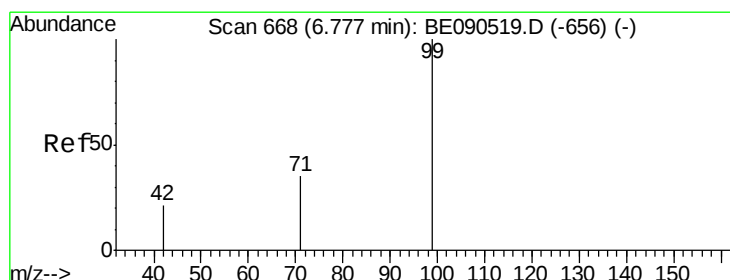
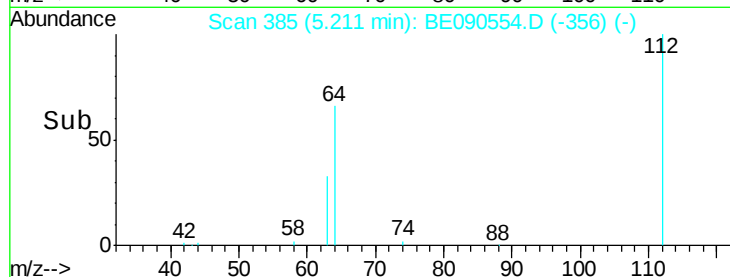
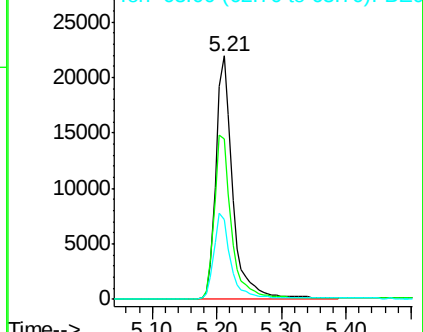
63 35.2 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE090519.D (-378) (-)

Ion 64.00 (63.70 to 64.70): BE090519.D (-378) (-)

Ion 63.00 (62.70 to 63.70): BE090519.D (-378) (-)



#5

Phenol-d6

Concen: 5.63 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

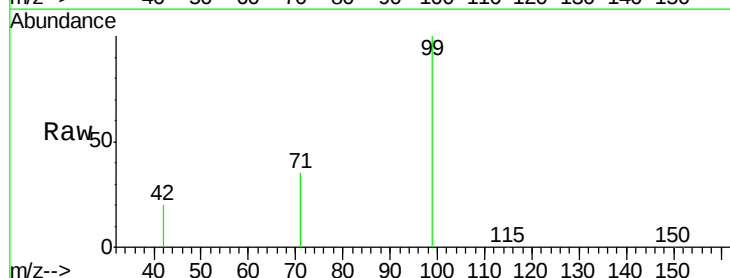
Tgt Ion: 99 Resp: 55288

Ion Ratio Lower Upper

99 100

42 20.0 18.2 27.4

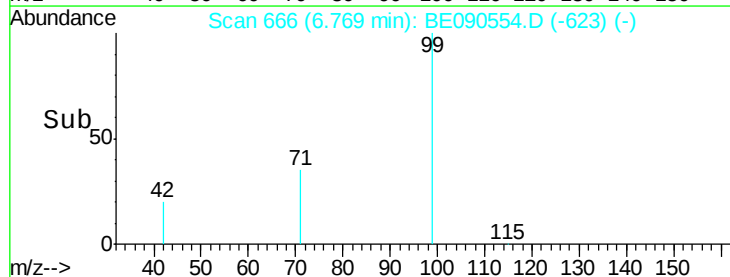
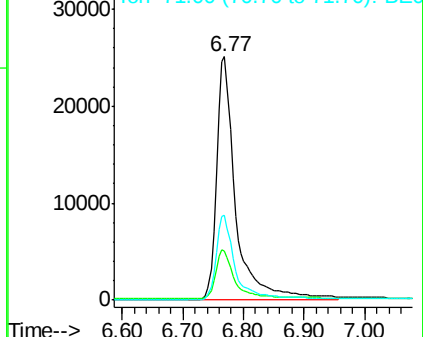
71 34.9 27.4 41.0

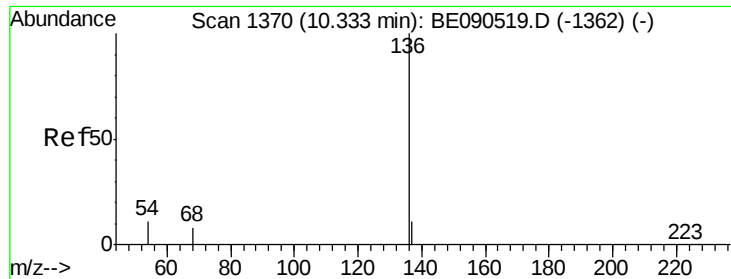


Abundance Ion 99.00 (98.70 to 99.70): BE090519.D (-656) (-)

Ion 42.00 (41.70 to 42.70): BE090519.D (-656) (-)

Ion 71.00 (70.70 to 71.70): BE090519.D (-656) (-)

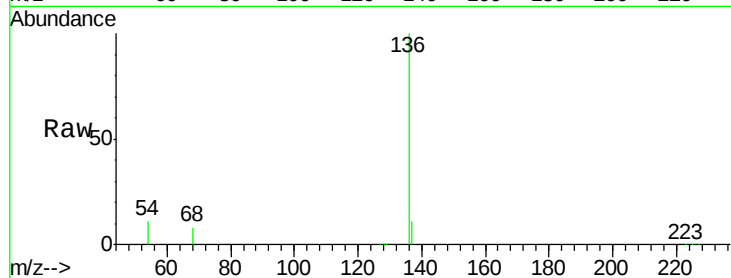




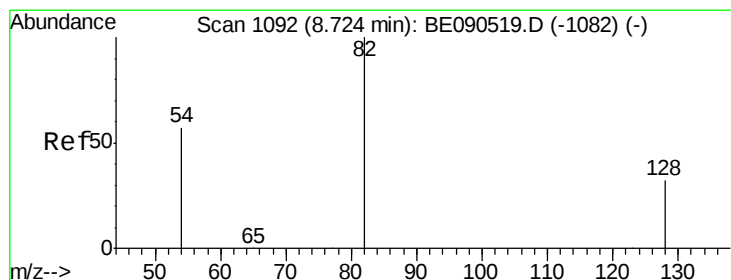
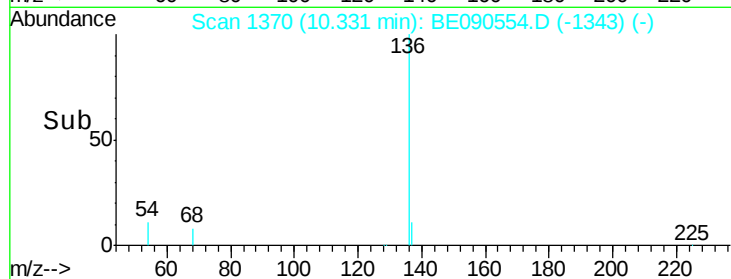
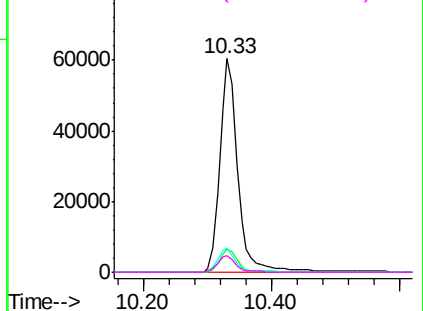
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE090554.D
Acq: 18 Aug 2015 15:07

Instrument :
BNA_E
ClientSampleId :
PB85070BL

Tgt Ion:	136	Resp:	117758
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.1	9.4	14.0
68	8.1	6.5	9.7

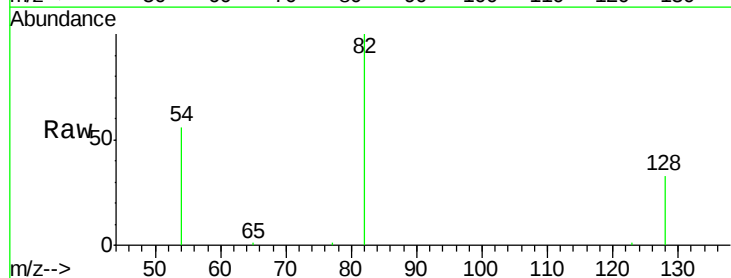


Abundance Ion 136.00 (135.70 to 136.70): BE0
Ion 137.00 (136.70 to 137.70): BE0
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0

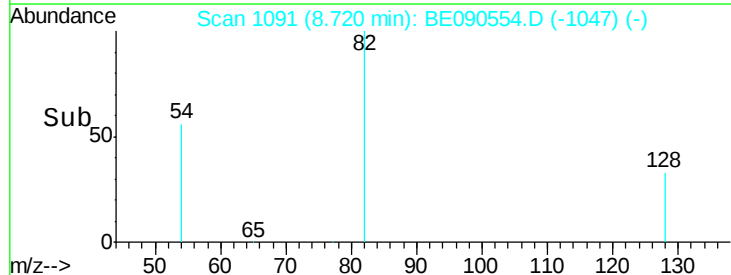
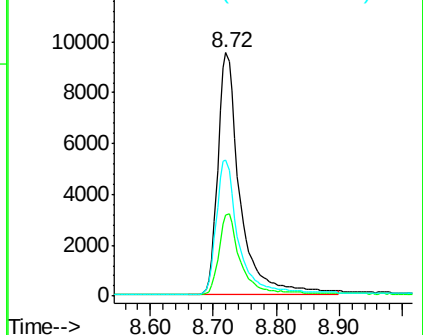


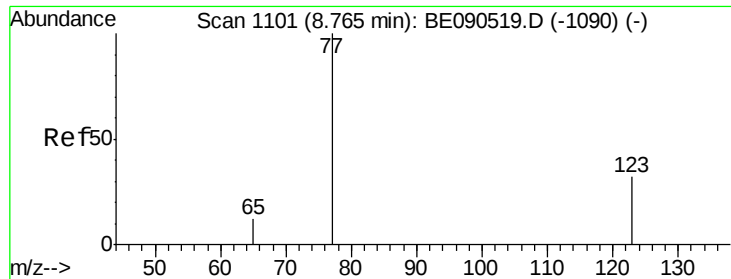
#7
Nitrobenzene-d5
Concen: 2.49 ng
RT: 8.72 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE090554.D
Acq: 18 Aug 2015 15:07

Tgt Ion:	82	Resp:	23376
Ion	Ratio	Lower	Upper
82	100		
128	33.1	25.0	37.6
54	55.9	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





#8

Nitrobenzene

Concen: 0.00 ng

RT: 8.77 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

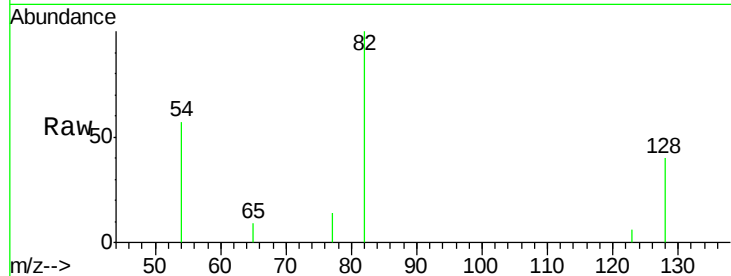
Tgt Ion: 77 Resp: 11

Ion Ratio Lower Upper

77 100

123 36.4 25.1 37.7

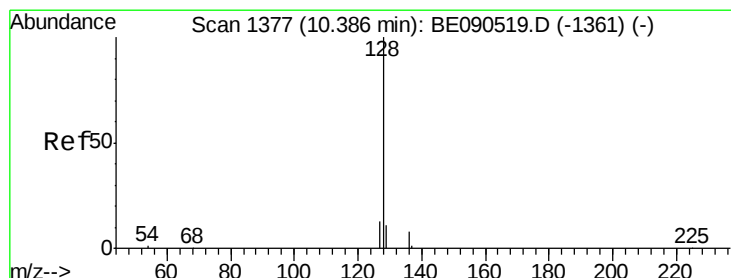
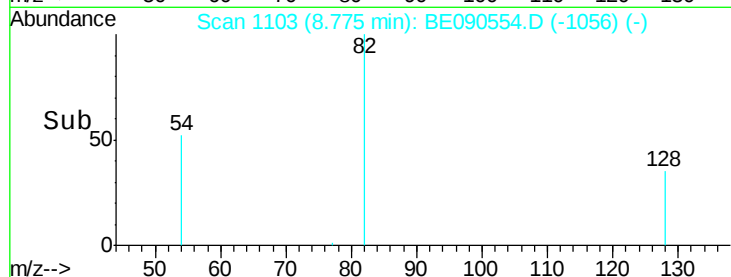
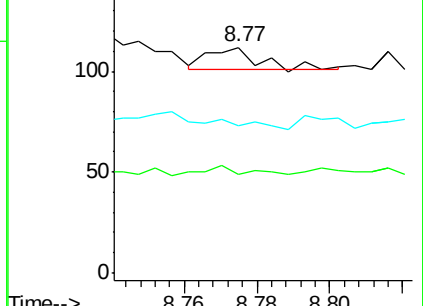
65 36.4 9.3 13.9#



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



#9

Naphthalene

Concen: 0.00 ng

RT: 10.38 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

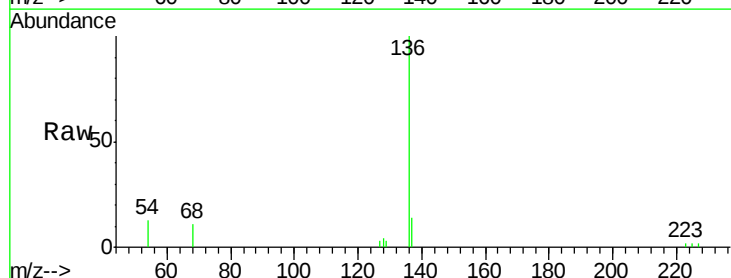
Tgt Ion: 128 Resp: 51

Ion Ratio Lower Upper

128 100

129 73.8 9.8 14.6#

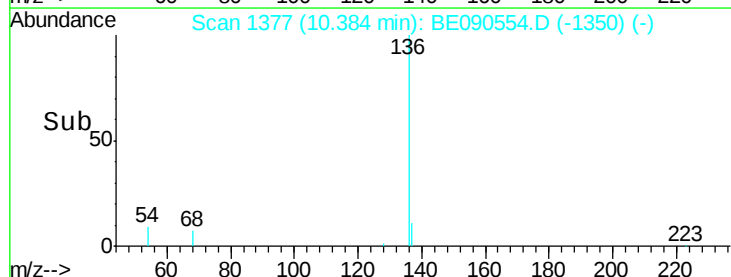
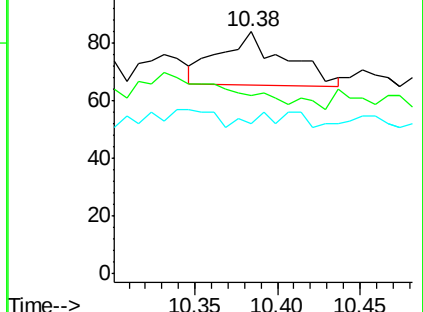
127 61.9 10.6 16.0#

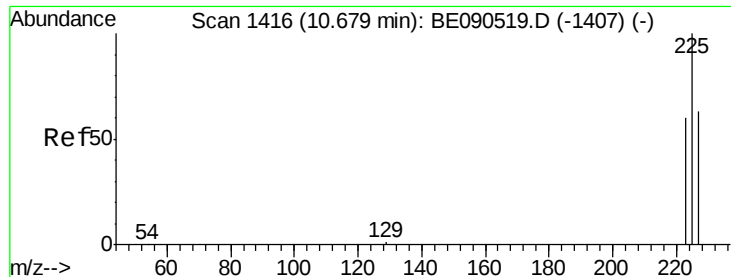


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

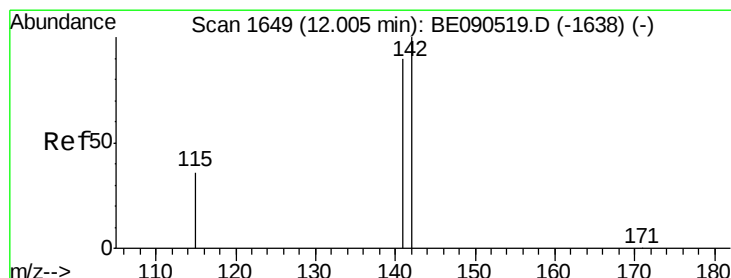
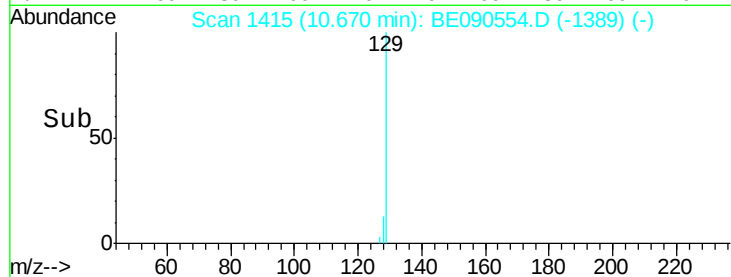
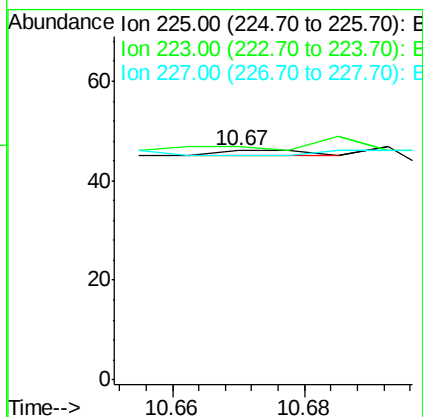
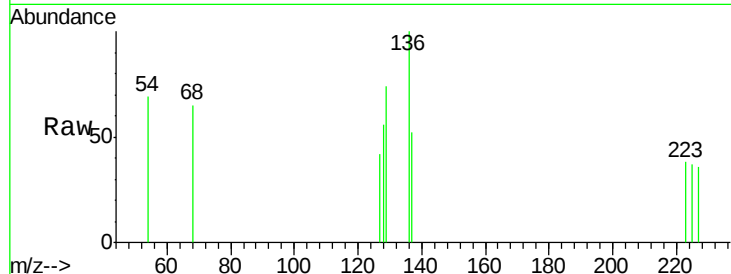




#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.67 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE090554.D
Acq: 18 Aug 2015 15:07

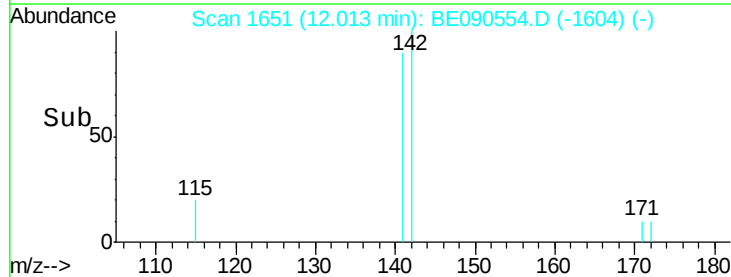
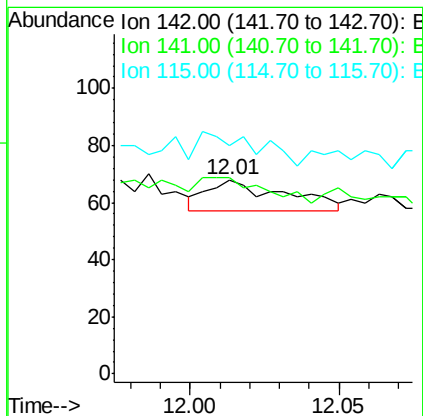
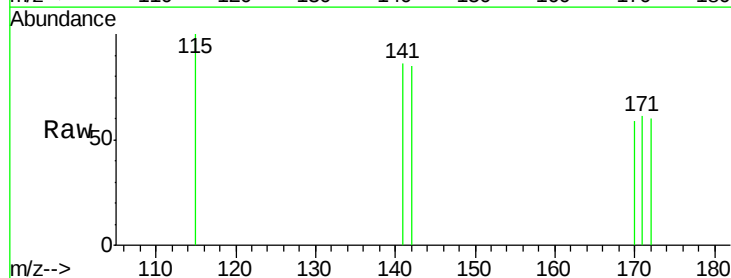
Instrument :
BNA_E
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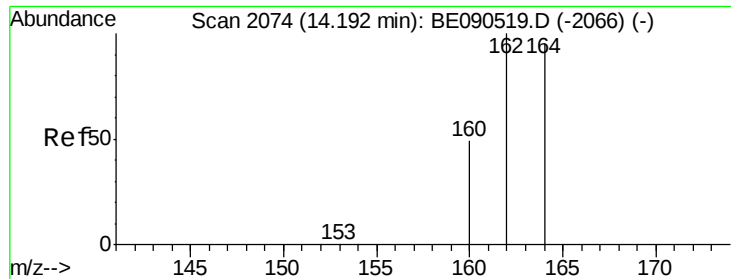
Tgt Ion: 225 Resp: 1
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 0.0 50.7 76.1#



#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.01 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BE090554.D
Acq: 18 Aug 2015 15:07

Tgt Ion: 142 Resp: 20
Ion Ratio Lower Upper
142 100
141 101.5 72.6 109.0
115 117.6 31.6 47.4#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampled :

PB85070BL

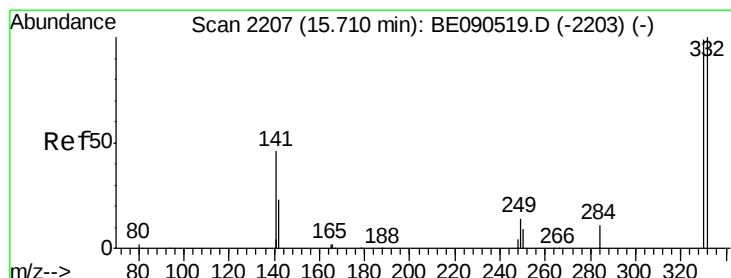
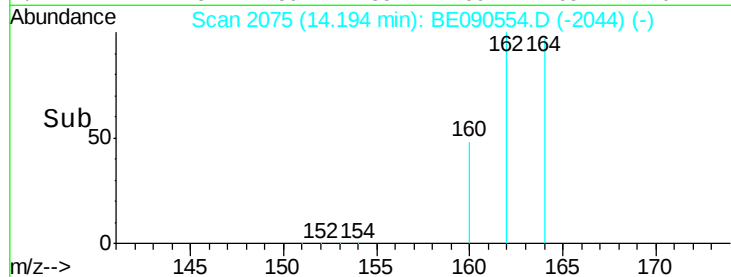
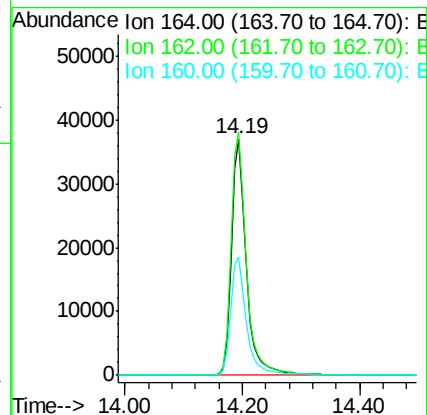
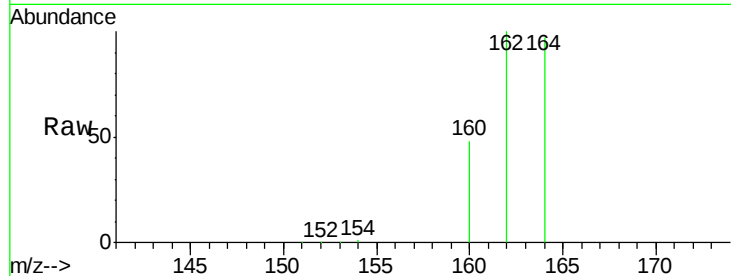
Tgt Ion:164 Resp: 64048

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.8

160 49.9 44.2 66.4



#13

2,4,6-Tribromophenol

Concen: 5.71 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

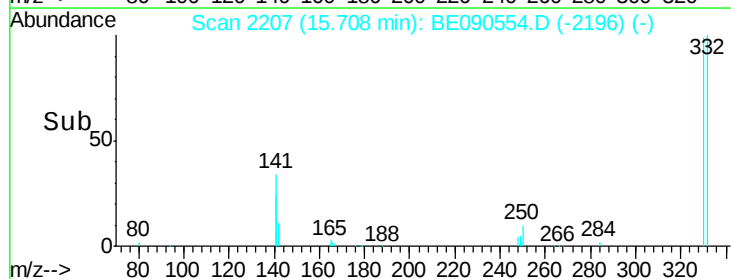
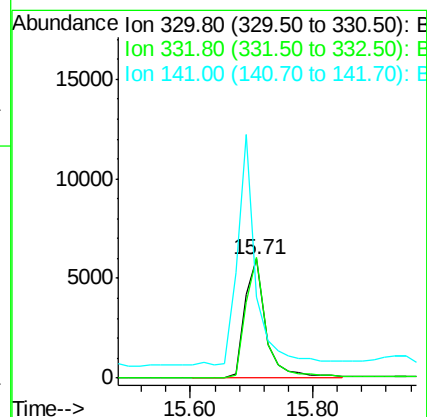
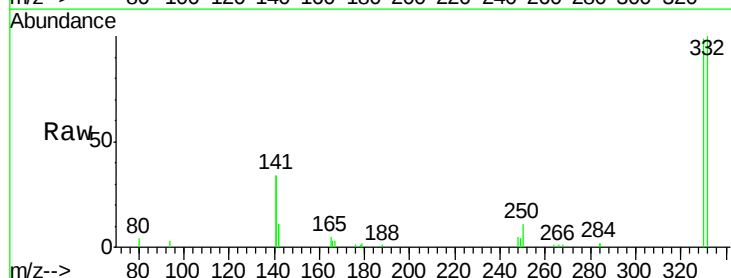
Tgt Ion:330 Resp: 14068

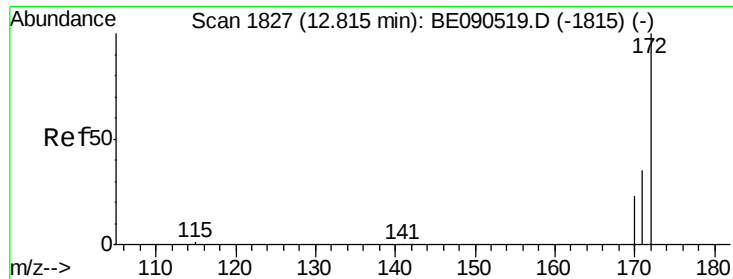
Ion Ratio Lower Upper

330 100

332 96.6 75.8 113.6

141 173.3 114.4 171.6#

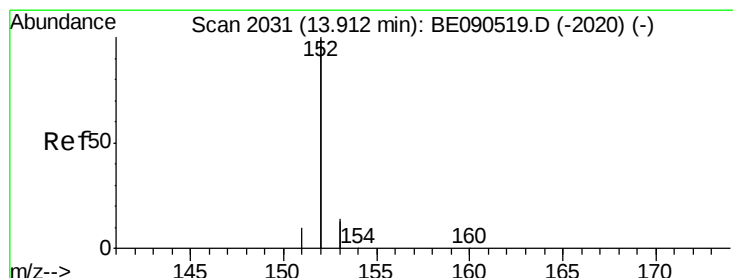
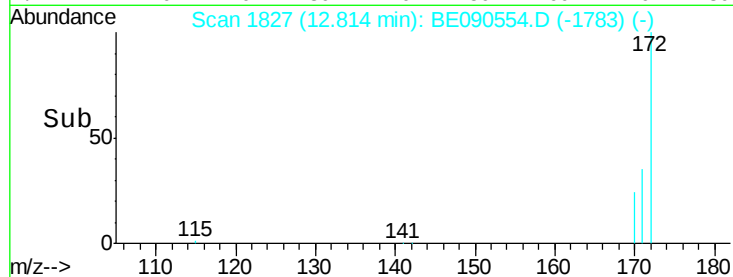
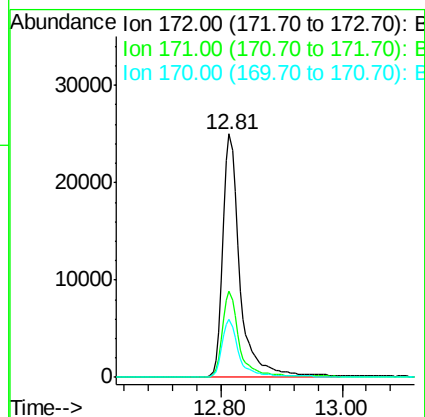
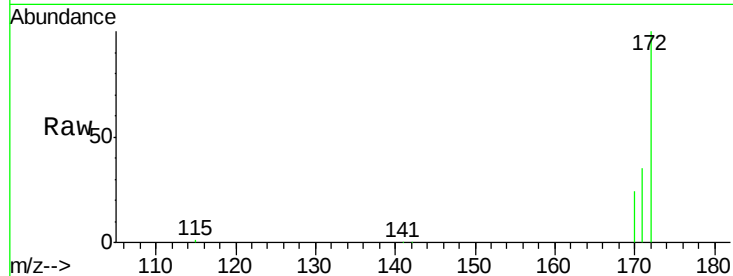




#14
2-Fluorobiphenyl
Concen: 2.57 ng
RT: 12.81 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BE090554.D
Acq: 18 Aug 2015 15:07

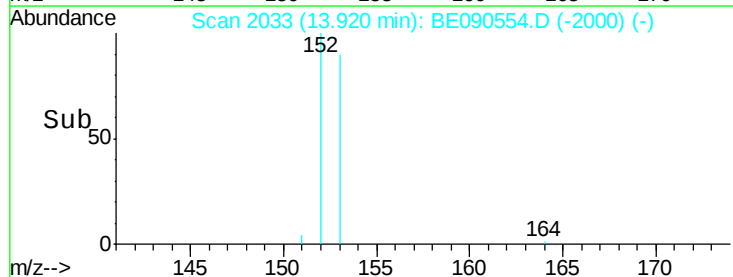
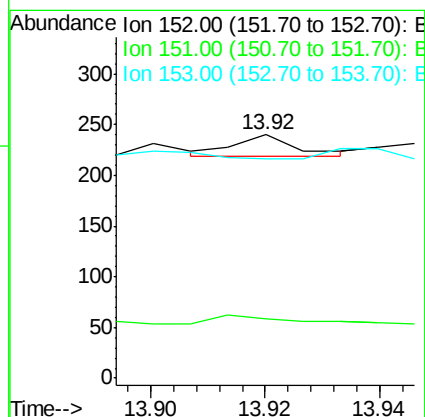
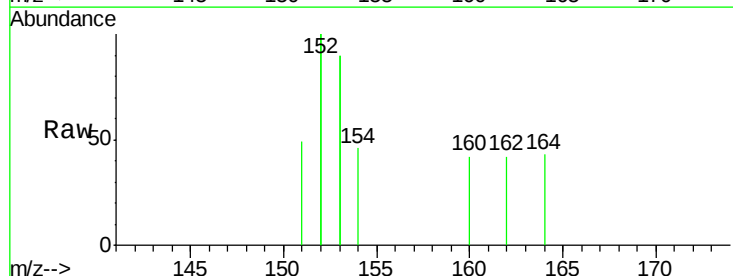
Instrument :
BNA_E
ClientSampleId :
PB85070BL

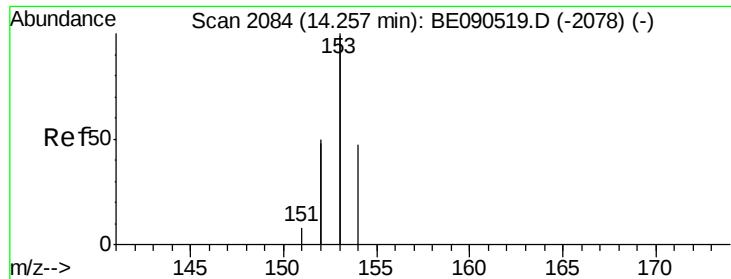
Tgt Ion:172 Resp: 49083
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.9 19.8 29.8



#15
Acenaphthylene
Concen: 0.00 ng
RT: 13.92 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BE090554.D
Acq: 18 Aug 2015 15:07

Tgt Ion:152 Resp: 16
Ion Ratio Lower Upper
152 100
151 43.8 3.8 5.8#
153 125.0 10.3 15.5#





#16

Acenaphthene

Concen: 0.02 ng

RT: 14.19 min Scan# 2075

Delta R.T. -0.06 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

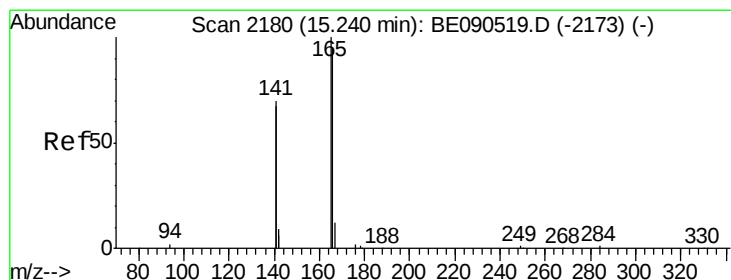
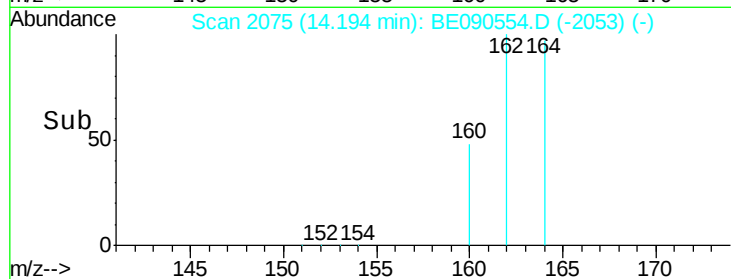
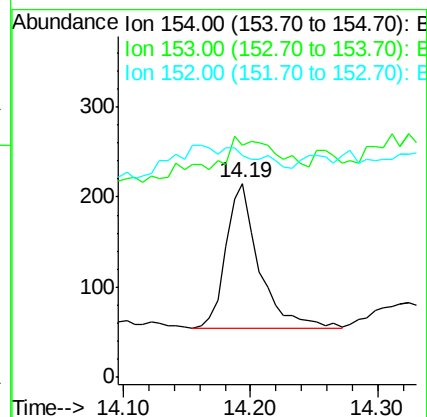
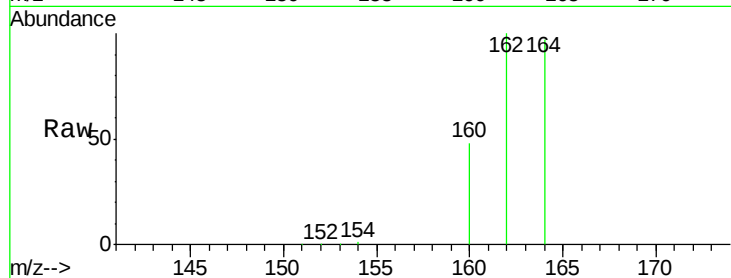
Tgt Ion:154 Resp: 288

Ion Ratio Lower Upper

154 100

153 34.4 376.2 564.2#

152 0.0 235.0 352.4#



#17

Fluorene

Concen: 0.00 ng

RT: 15.22 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

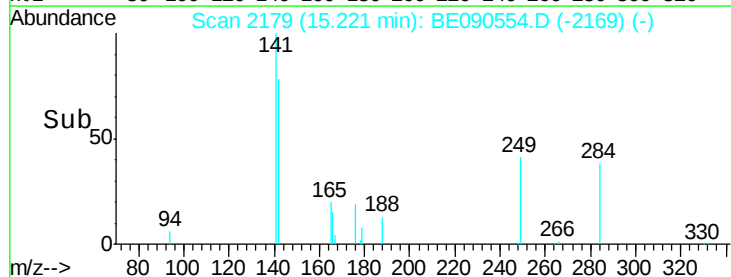
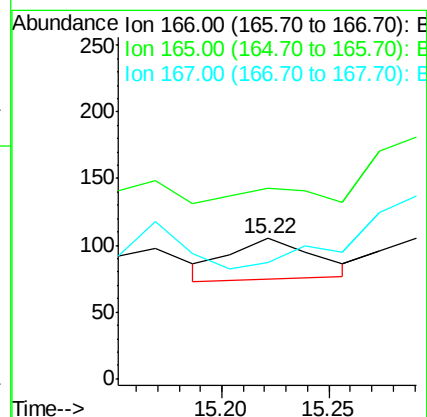
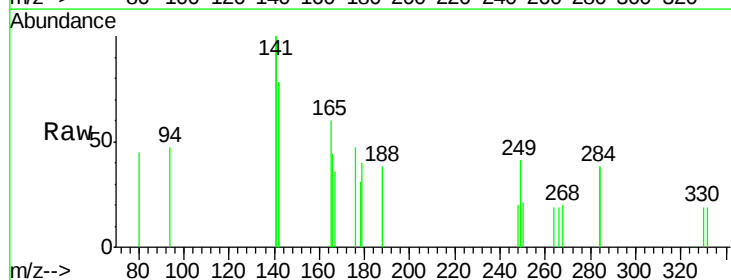
Tgt Ion:166 Resp: 82

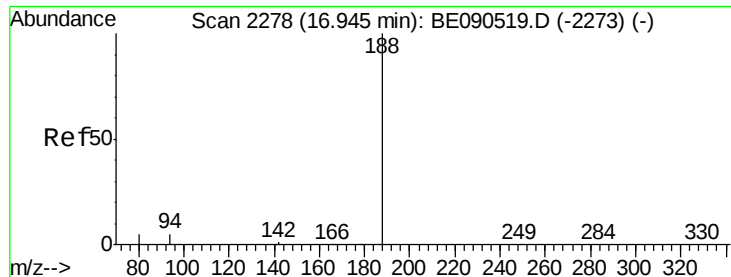
Ion Ratio Lower Upper

166 100

165 0.0 81.5 122.3#

167 0.0 11.4 17.0#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

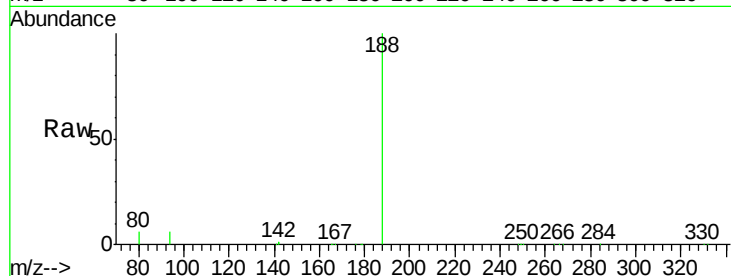
Tgt Ion:188 Resp: 137691

Ion Ratio Lower Upper

188 100

94 6.2 5.7 8.5

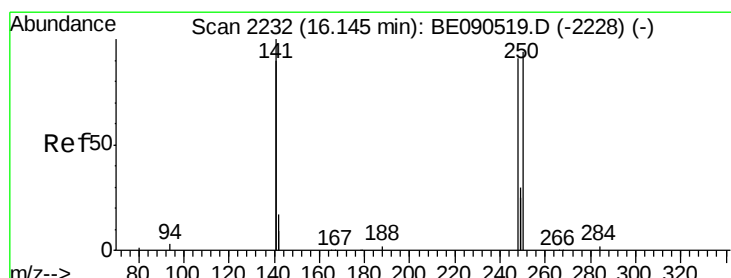
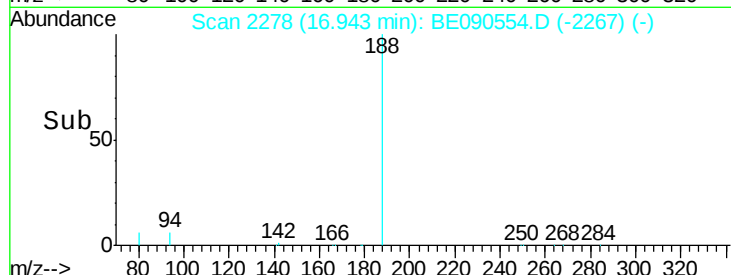
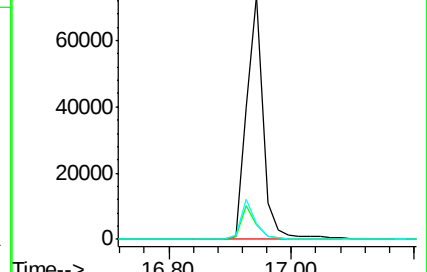
80 6.4 5.8 8.8



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



#19

4-Bromophenyl-phenylether

Concen: 0.00 ng

RT: 16.13 min Scan# 2231

Delta R.T. -0.02 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

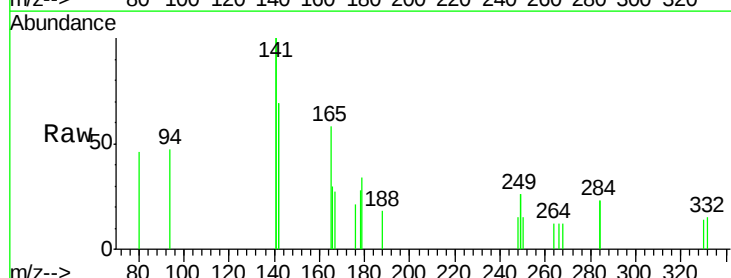
Tgt Ion:248 Resp: 24

Ion Ratio Lower Upper

248 100

250 0.0 79.0 118.6#

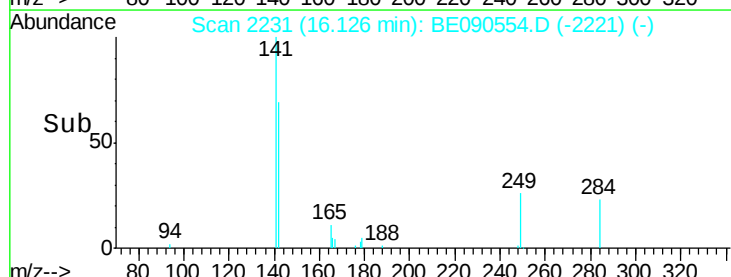
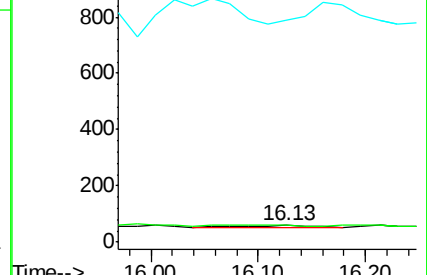
141 0.0 239.5 359.3#

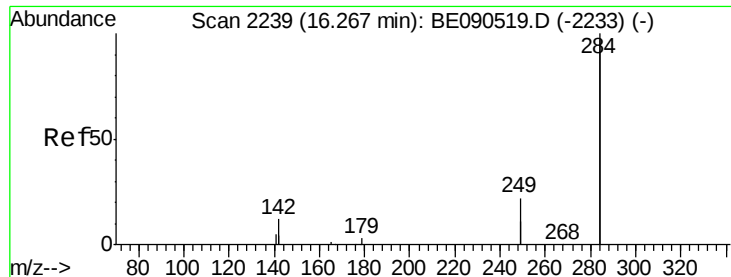


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#20

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

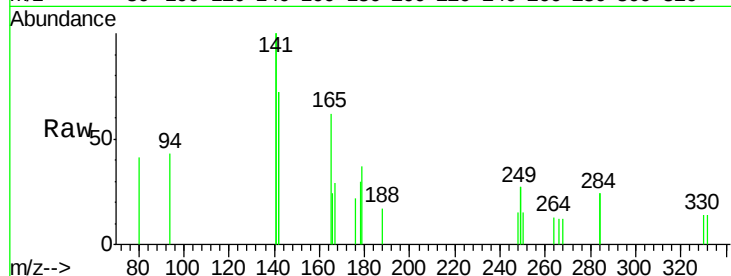
Tgt Ion:284 Resp: 13

Ion Ratio Lower Upper

284 100

142 0.0 30.1 45.1#

249 0.0 25.7 38.5#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

800

600

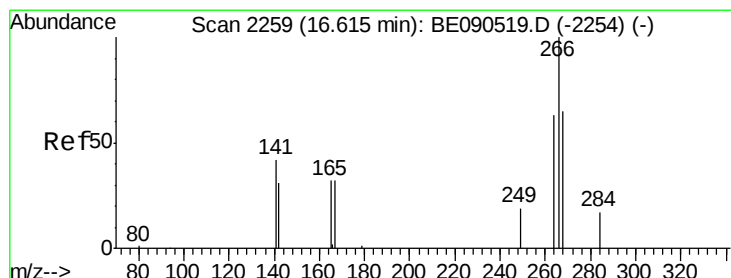
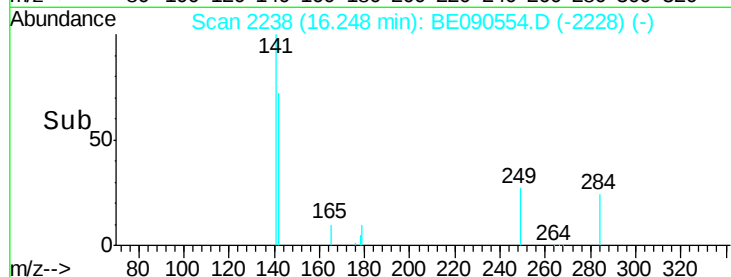
400

200

0

16.25

Time-->



#21

Pentachlorophenol

Concen: 0.31 ng

RT: 16.63 min Scan# 2260

Delta R.T. 0.02 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

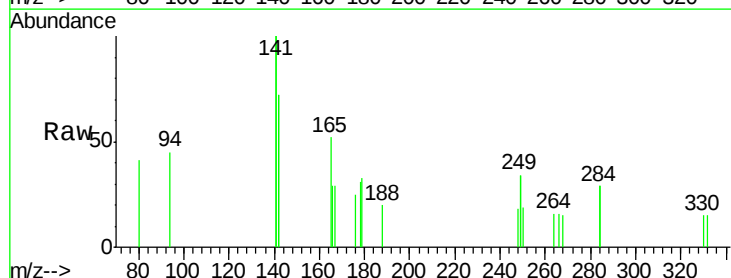
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

268 96.1 58.5 87.7#

264 98.0 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

60

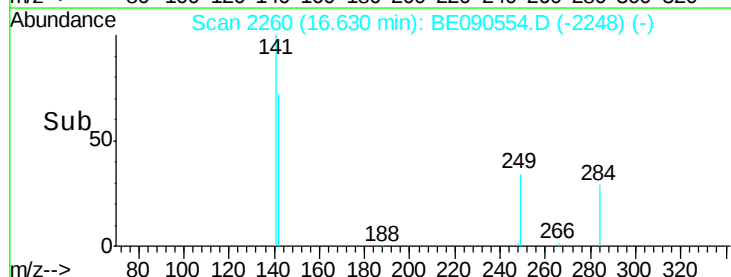
40

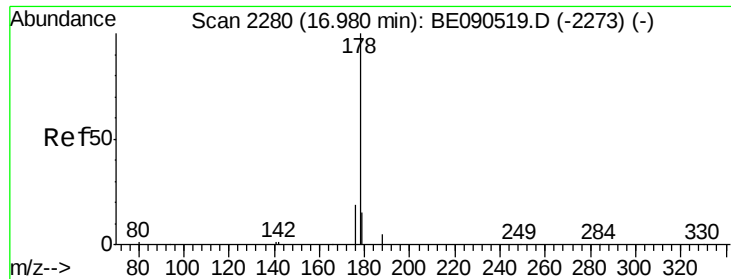
20

0

16.63

Time-->





#22

Phenanthrene

Concen: 0.01 ng

RT: 16.98 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

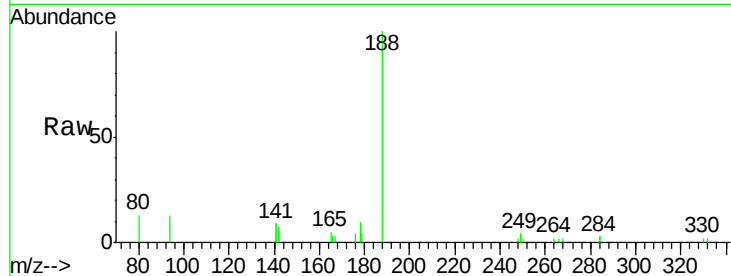
Tgt Ion:178 Resp: 419

Ion Ratio Lower Upper

178 100

176 34.4 15.4 23.2#

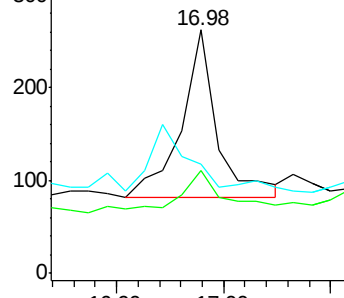
179 0.0 12.5 18.7#



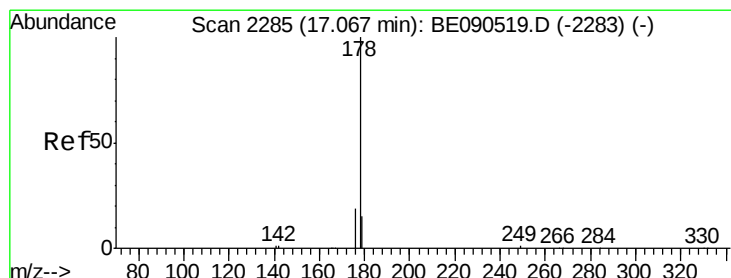
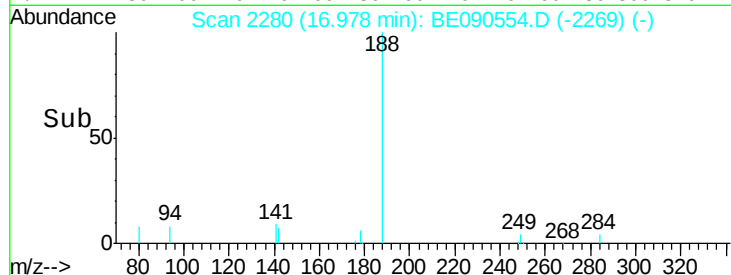
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#23

Anthracene

Concen: 0.01 ng

RT: 16.98 min Scan# 2280

Delta R.T. -0.09 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

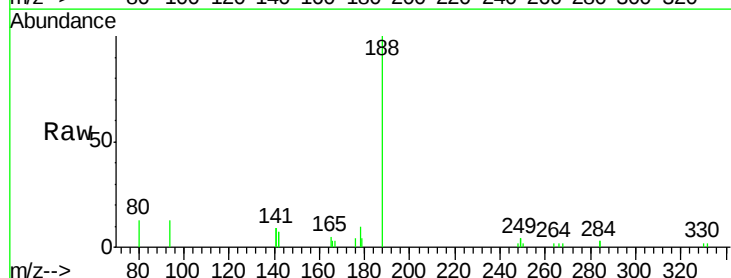
Tgt Ion:178 Resp: 419

Ion Ratio Lower Upper

178 100

176 23.6 14.9 22.3#

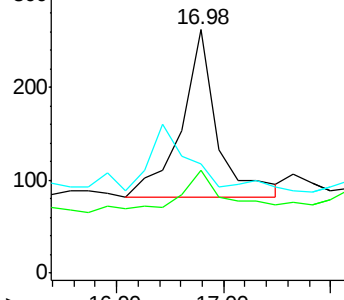
179 0.0 12.2 18.4#



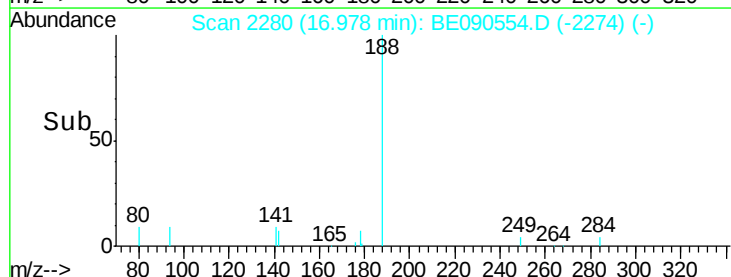
Abundance Ion 178.00 (177.70 to 178.70): E

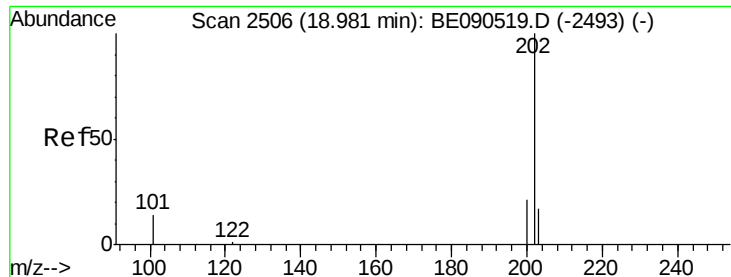
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#24

Fluoranthene

Concen: 0.00 ng

RT: 18.99 min Scan# 2508

Delta R.T. 0.01 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

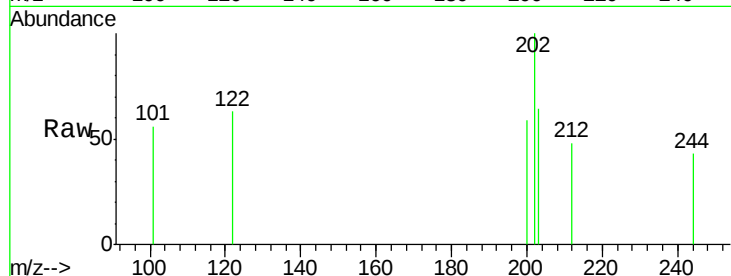
Tgt Ion: 202 Resp: 121

Ion Ratio Lower Upper

202 100

101 5.8 10.3 15.5#

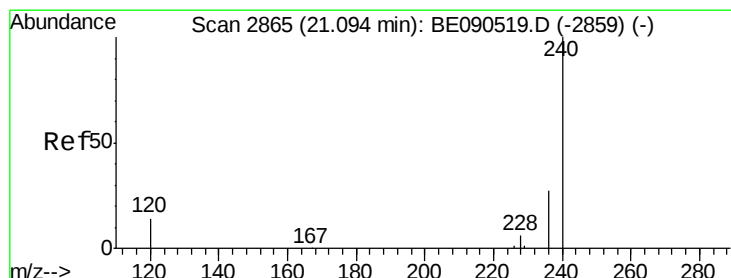
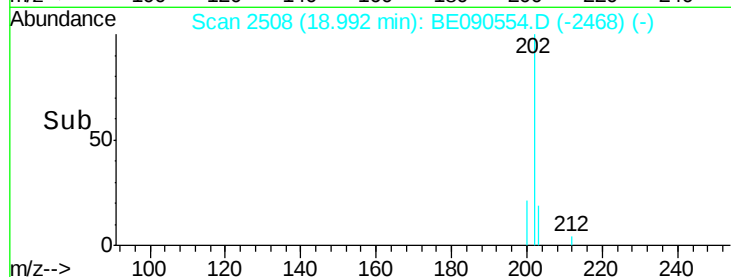
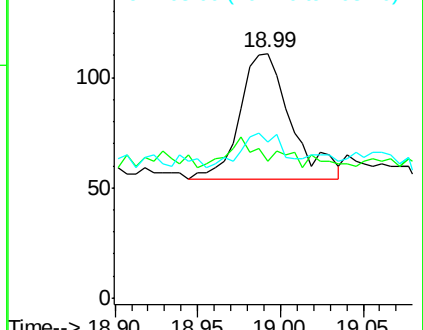
203 22.3 13.7 20.5#



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: BE090554.D

Acq: 18 Aug 2015 15:07

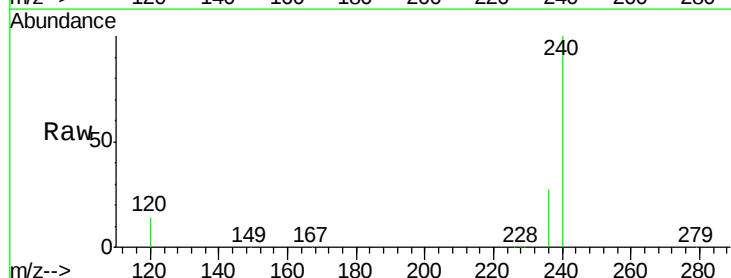
Tgt Ion: 240 Resp: 134611

Ion Ratio Lower Upper

240 100

120 13.7 8.3 12.5#

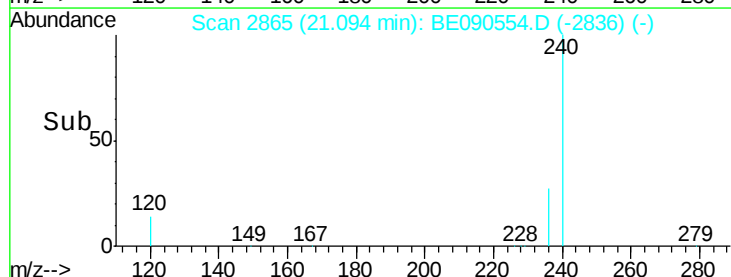
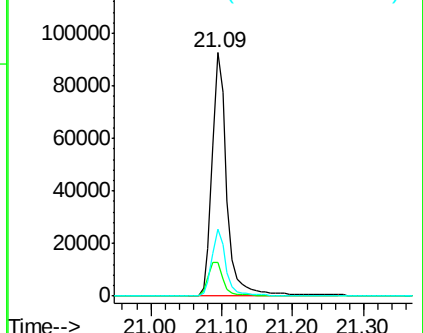
236 27.4 21.0 31.4

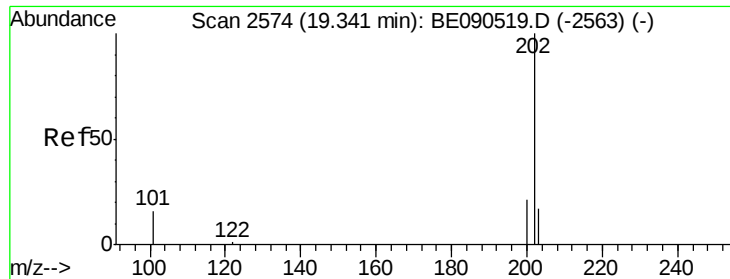


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Pyrene

Concen: 0.00 ng

RT: 19.35 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

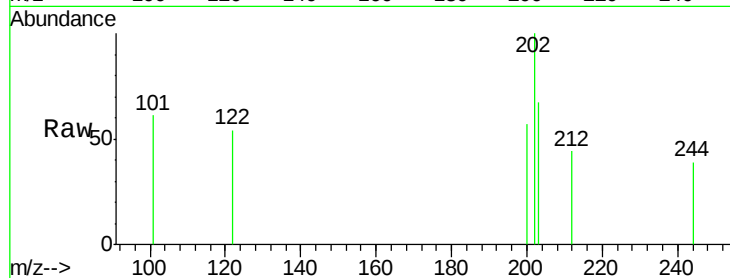
Tgt Ion:202 Resp: 117

Ion Ratio Lower Upper

202 100

200 23.9 16.7 25.1

203 22.2 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

19.35

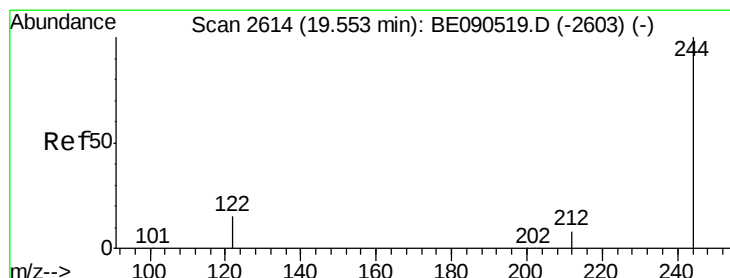
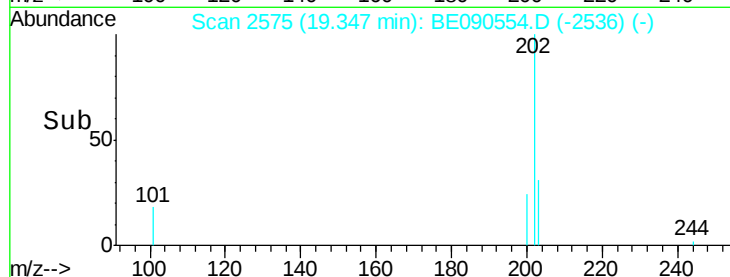
100

50

0

19.30 19.35 19.40

Time-->



#27

Terphenyl-d14

Concen: 2.73 ng

RT: 19.55 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

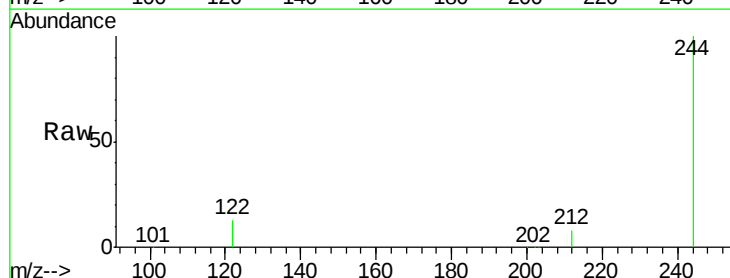
Tgt Ion:244 Resp: 67237

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

122 13.1 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

19.55

60000

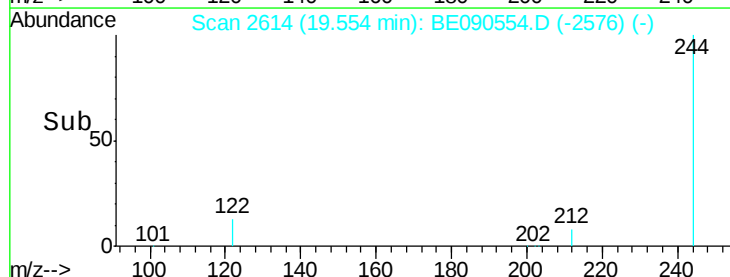
40000

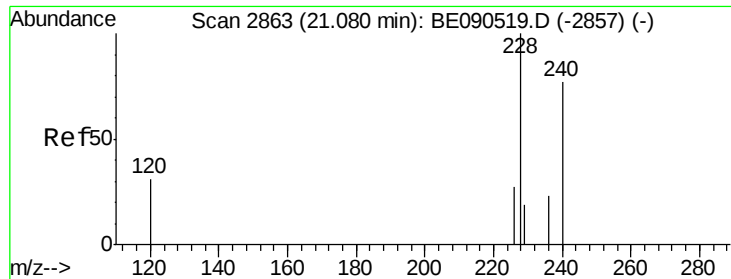
20000

0

19.40 19.60 19.80

Time-->





#28

Benzo(a)anthracene

Concen: 0.01 ng

RT: 21.09 min Scan# 2865

Delta R.T. 0.02 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

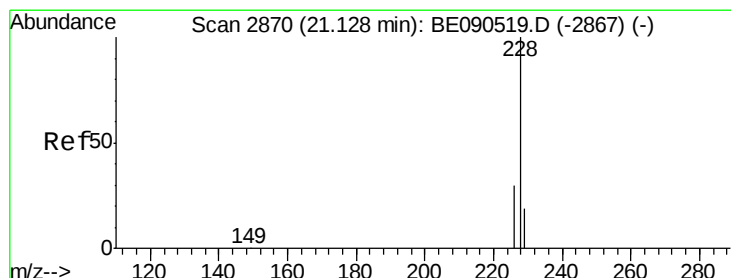
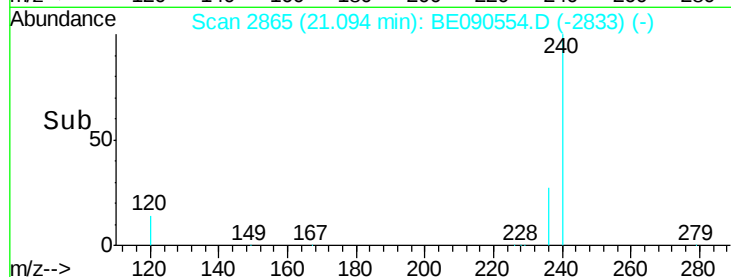
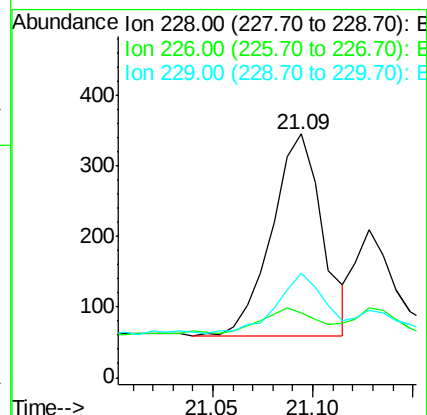
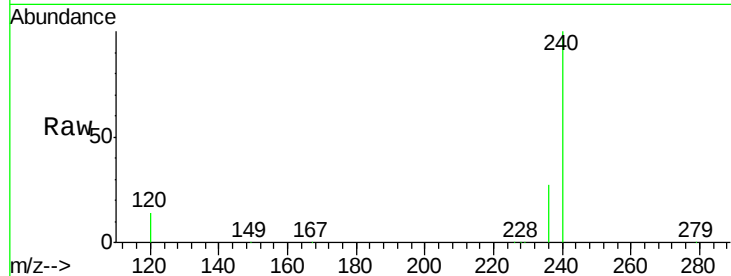
Tgt Ion:228 Resp: 501

Ion Ratio Lower Upper

228 100

226 26.4 21.9 32.9

229 42.6 15.4 23.0#



#29

Chrysene

Concen: 0.01 ng

RT: 21.13 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

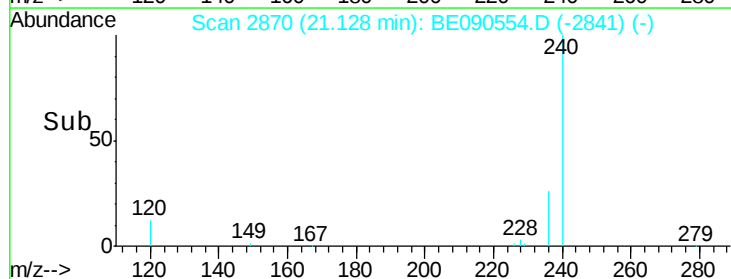
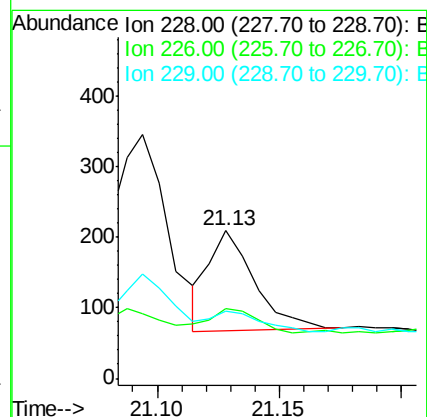
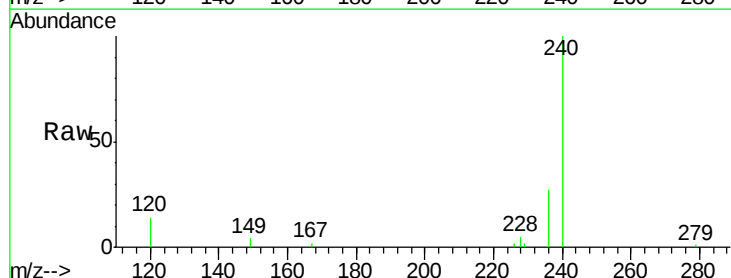
Tgt Ion:228 Resp: 184

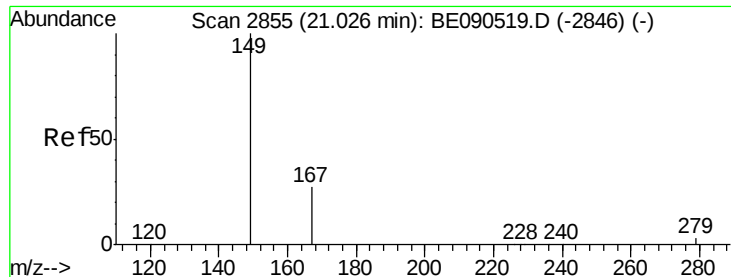
Ion Ratio Lower Upper

228 100

226 47.4 23.1 34.7#

229 45.5 15.8 23.8#

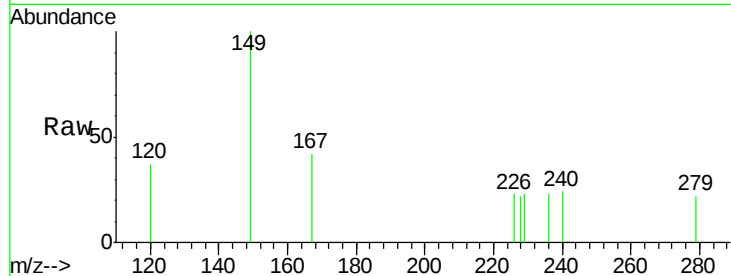




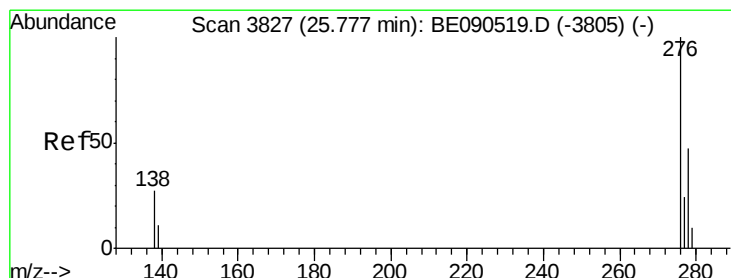
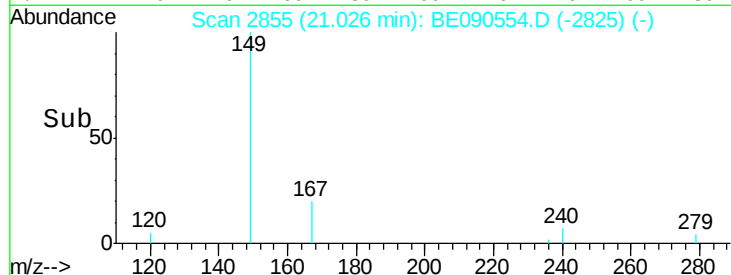
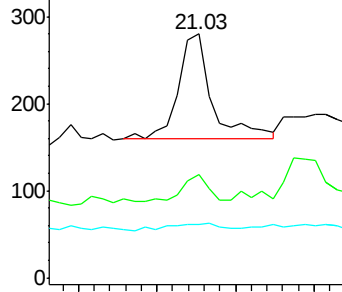
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng
 RT: 21.03 min Scan# 2855
 Delta R.T. 0.01 min
 Lab File: BE090554.D
 Acq: 18 Aug 2015 15:07

Instrument :
 BNA_E
 ClientSampleId :
 PB85070BL

Tgt Ion: 149 Resp: 177
 Ion Ratio Lower Upper
 149 100
 167 19.2 19.8 29.8#
 279 10.7 2.4 3.6#

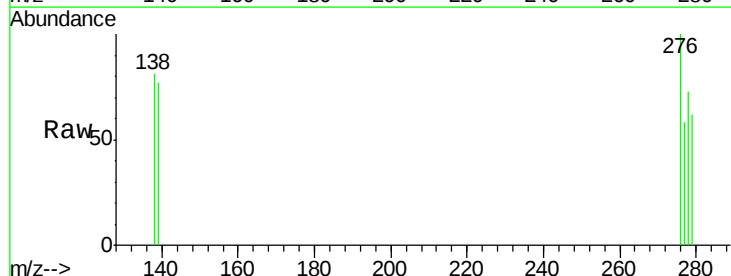


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

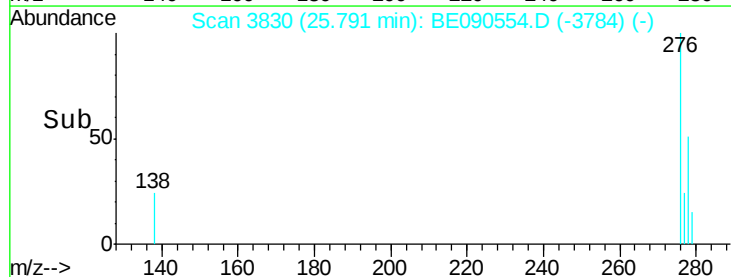
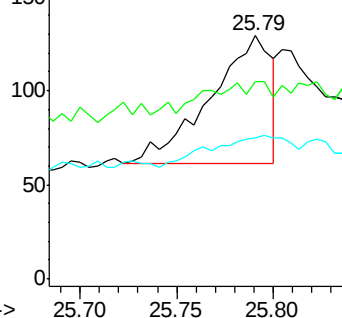


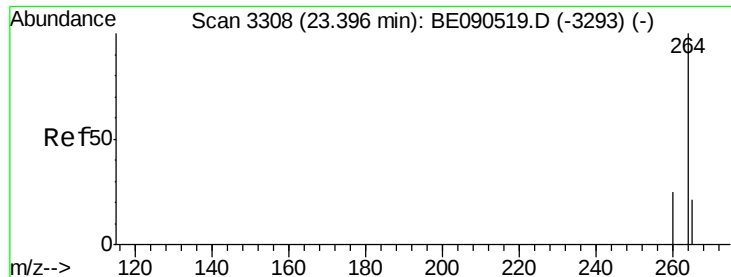
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng
 RT: 25.79 min Scan# 3830
 Delta R.T. 0.01 min
 Lab File: BE090554.D
 Acq: 18 Aug 2015 15:07

Tgt Ion: 276 Resp: 152
 Ion Ratio Lower Upper
 276 100
 138 15.1 18.8 28.2#
 277 32.9 18.2 27.4#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

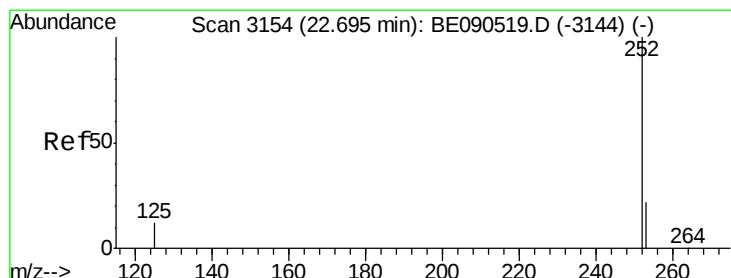
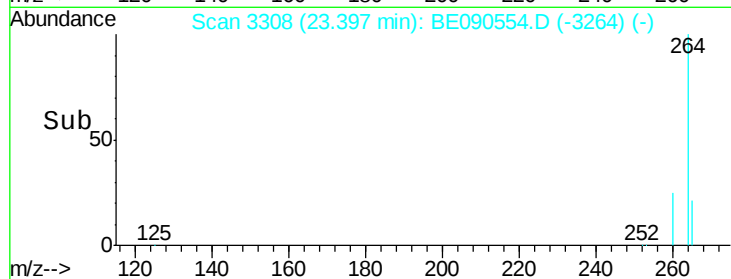
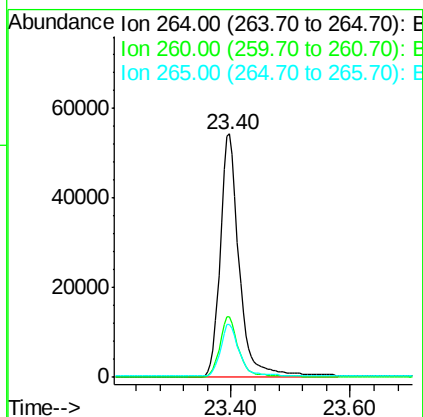
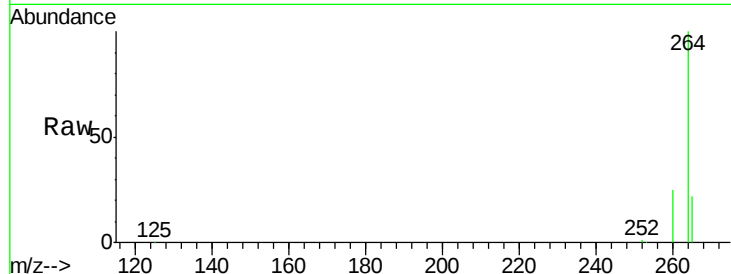




#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: BE090554.D
 Acq: 18 Aug 2015 15:07

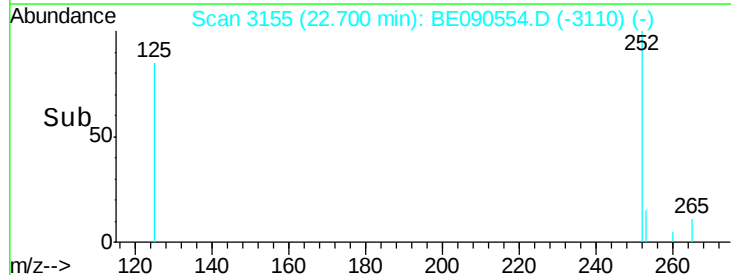
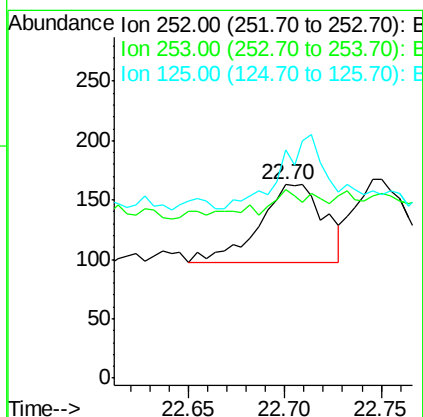
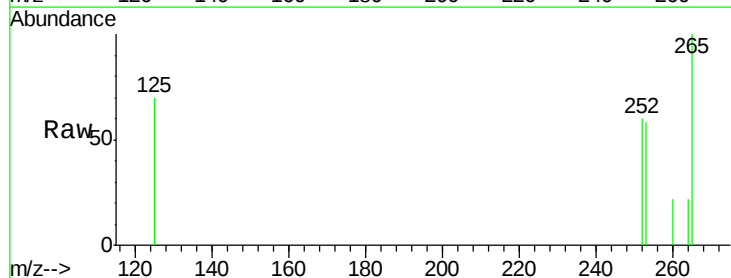
Instrument :
 BNA_E
 ClientSampleId :
 PB85070BL

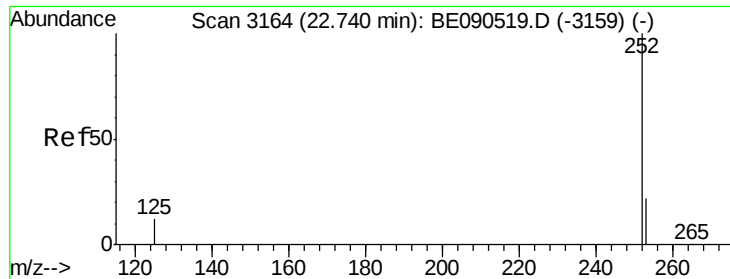
Tgt Ion: 264 Resp: 121982
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.1 30.1
 265 21.6 17.2 25.8



#33
 Benzo(b)fluoranthene
 Concen: 0.01 ng
 RT: 22.70 min Scan# 3155
 Delta R.T. 0.01 min
 Lab File: BE090554.D
 Acq: 18 Aug 2015 15:07

Tgt Ion: 252 Resp: 157
 Ion Ratio Lower Upper
 252 100
 253 97.5 18.1 27.1#
 125 117.8 9.4 14.2#





#34

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 22.75 min Scan# 3166

Delta R.T. 0.01 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

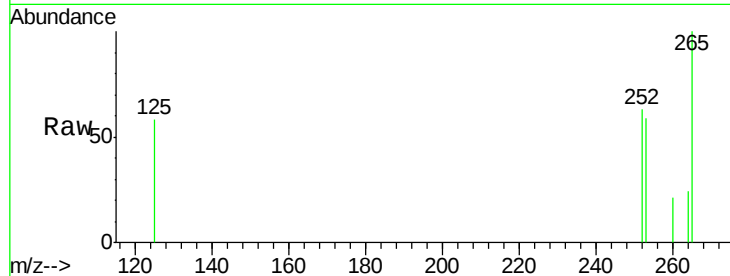
Tgt Ion:252 Resp: 143

Ion Ratio Lower Upper

252 100

253 92.9 18.1 27.1#

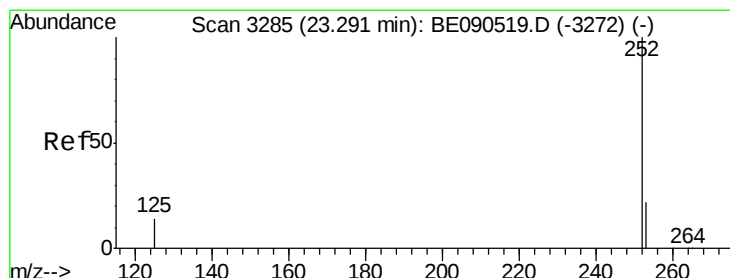
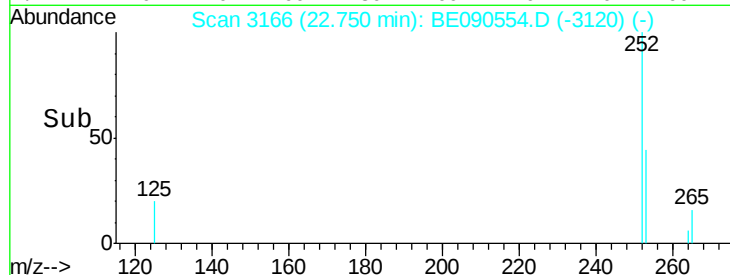
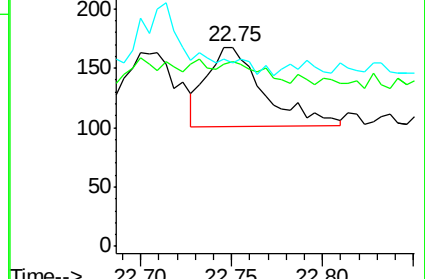
125 92.3 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#35

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.29 min Scan# 3284

Delta R.T. -0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

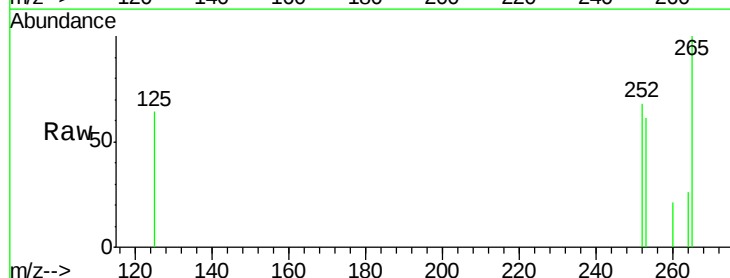
Tgt Ion:252 Resp: 165

Ion Ratio Lower Upper

252 100

253 90.8 17.6 26.4#

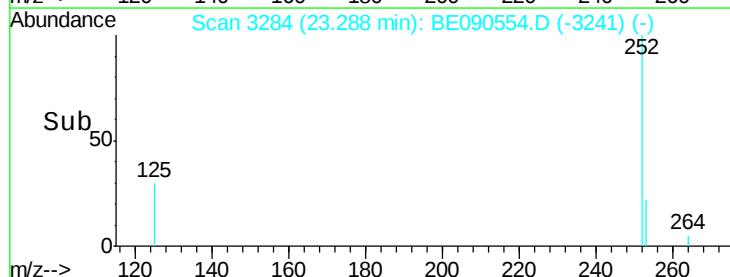
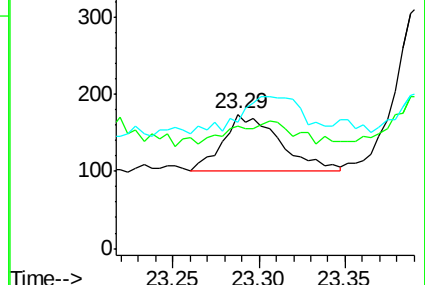
125 94.3 9.8 14.6#

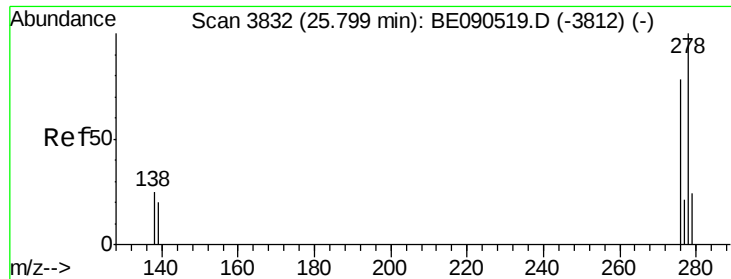


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 25.80 min Scan# 3833

Delta R.T. 0.00 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

Instrument :

BNA_E

ClientSampleId :

PB85070BL

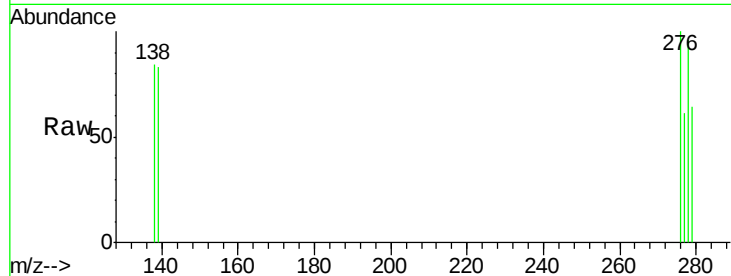
Tgt Ion: 278 Resp: 274

Ion Ratio Lower Upper

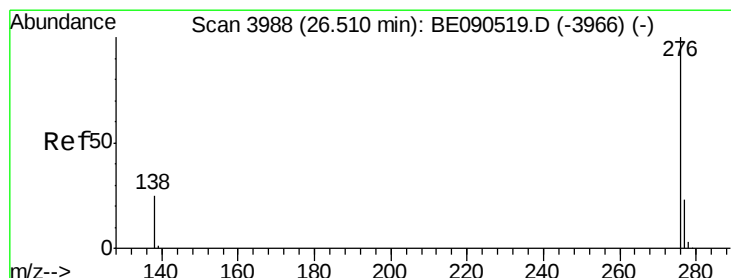
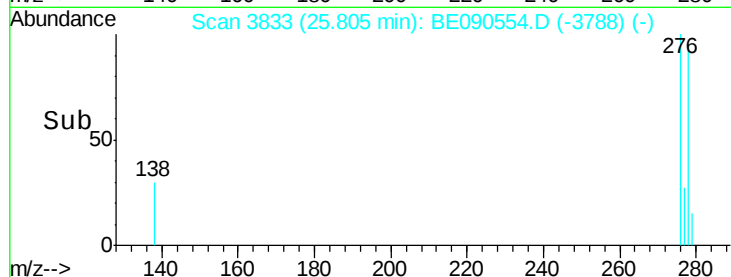
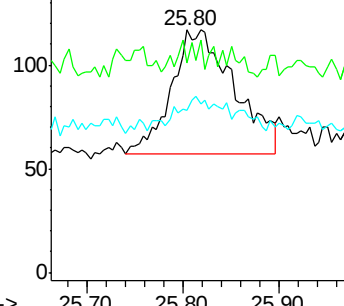
278 100

139 86.3 14.2 21.4#

279 66.7 20.1 30.1#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#37

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 26.52 min Scan# 3990

Delta R.T. 0.01 min

Lab File: BE090554.D

Acq: 18 Aug 2015 15:07

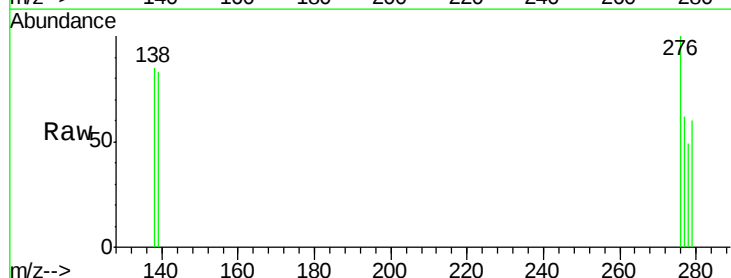
Tgt Ion: 276 Resp: 227

Ion Ratio Lower Upper

276 100

277 61.7 20.1 30.1#

138 85.2 18.1 27.1#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

