

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
 Data File : BE090330.D
 Acq On : 4 Aug 2015 3:50
 Operator : TP/UM
 Sample : PB84826BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84826BL

Quant Time: Aug 04 07:41:44 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 02:31:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	81	5.00	ng	0.01
6) Naphthalene-d8	10.37	136	251	5.00	ng	0.01
12) Acenaphthene-d10	14.22	164	87	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	150	5.00	ng	0.03
25) Chrysene-d12	21.13	240	660	5.00	ng	0.01
32) Perylene-d12	23.43	264	893	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	92	5.94	ng	0.01
5) Phenol-d6	6.81	99	19	1.00	ng	0.02
7) Nitrobenzene-d5	8.75	82	4	0.27	ng	0.01
13) 2,4,6-Tribromophenol	15.76	330	2	1.78	ng	0.03
14) 2-Fluorobiphenyl	12.86	172	78	3.09	ng	0.03
27) Terphenyl-d14	19.59	244	81	0.66	ng	0.01

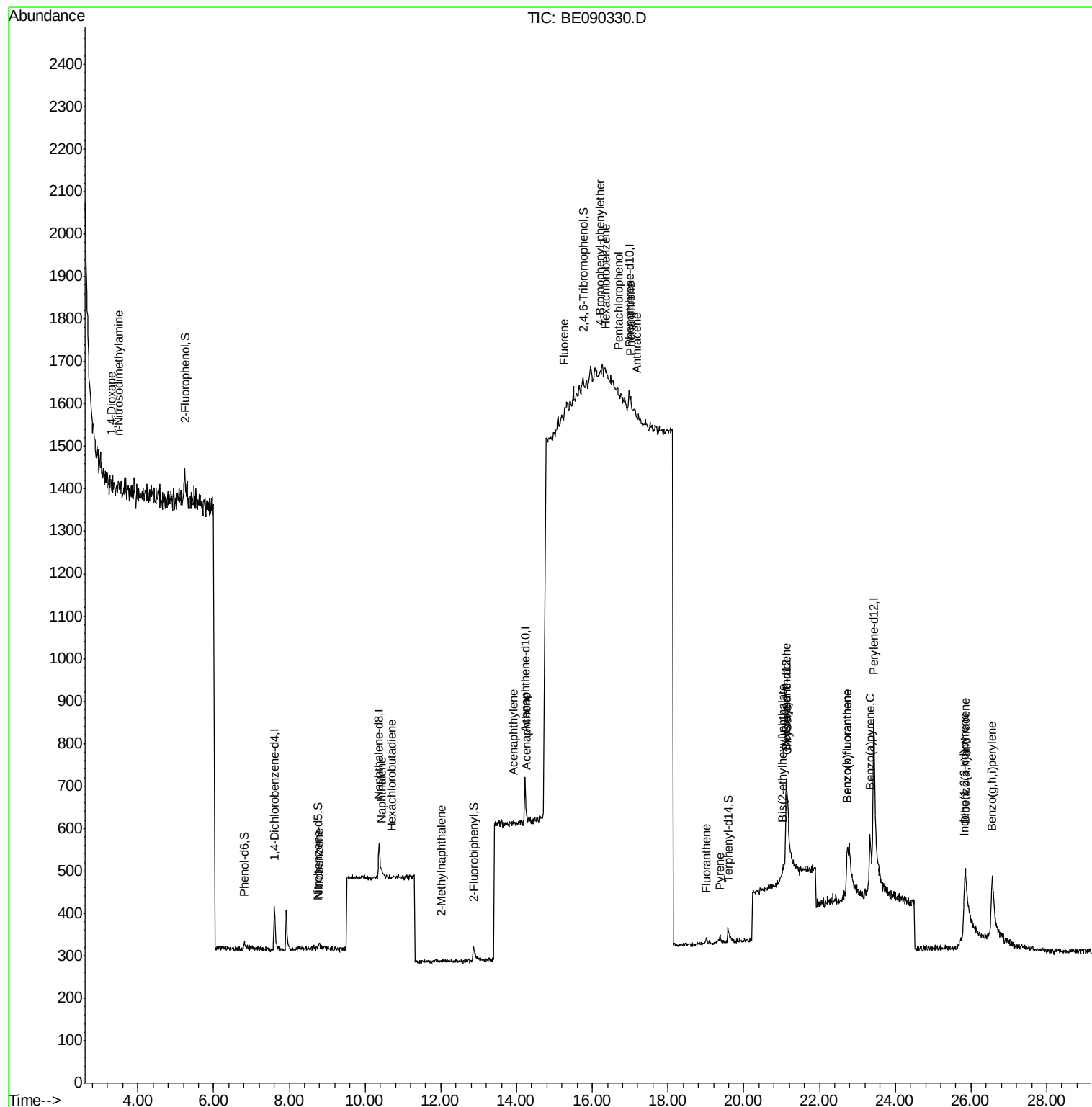
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	13	1.21	ng	# 36
3) n-Nitrosodimethylamine	3.49	42	3	0.22	ng	# 91
8) Nitrobenzene	8.79	77	1	0.07	ng	# 1
9) Naphthalene	10.43	128	3	0.06	ng	# 1
10) Hexachlorobutadiene	10.70	225	2	0.28	ng	# 51
11) 2-Methylnaphthalene	12.02	142	2	0.06	ng	# 63
15) Acenaphthylene	13.92	152	16	0.11	ng	# 60
16) Acenaphthene	14.26	154	5	0.23	ng	# 1
17) Fluorene	15.26	166	13	0.49	ng	# 1
19) 4-Bromophenyl-phenylether	16.21	248	3	0.53	ng	# 1
20) Hexachlorobenzene	16.35	284	10	0.47	ng	# 40
21) Pentachlorophenol	16.70	266	7	4.83	ng	# 84
22) Phenanthrene	17.00	178	38	1.11	ng	# 51
23) Anthracene	17.17	178	2	0.07	ng	# 1
24) Fluoranthene	19.00	202	13	0.38	ng	# 65
26) Pyrene	19.37	202	32	0.18	ng	# 83
28) Benzo(a)anthracene	21.11	228	104	0.83	ng	# 25
29) Chrysene	21.16	228	157	1.00	ng	# 40
30) Bis(2-ethylhexyl)phthalate	21.03	149	5	0.26	ng	# 60
31) Indeno(1,2,3-cd)pyrene	25.82	276	176	2.31	ng	# 65
33) Benzo(b)fluoranthene	22.73	252	165	1.24	ng	# 29
34) Benzo(k)fluoranthene	22.73	252	188	0.78	ng	# 24
35) Benzo(a)pyrene	23.33	252	296	2.05	ng	# 41
36) Dibenzo(a,h)anthracene	25.85	278	118	1.52	ng	# 62
37) Benzo(g,h,i)perylene	26.56	276	517	3.21	ng	# 75

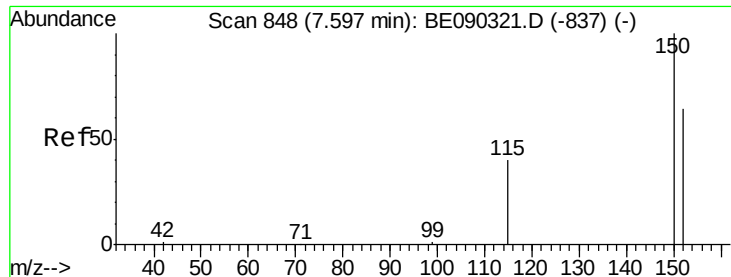
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 04 02:31:31 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. 0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Instrument :

BNA_E

ClientSampleId :

PB84826BL

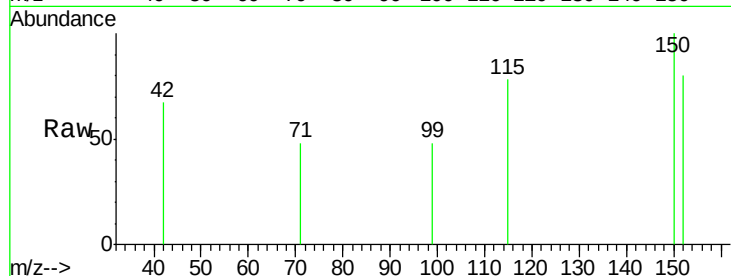
Tot Ion:152 Resp: 81

Ion Ratio Lower Upper

152 100

150 125.6 124.2 186.2

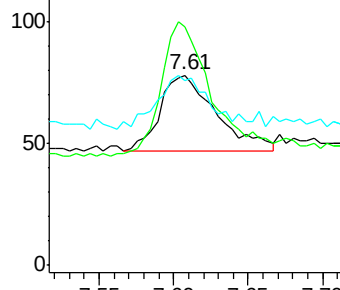
115 97.4 50.4 75.6#



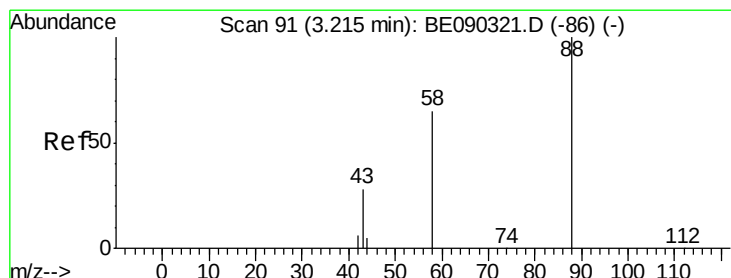
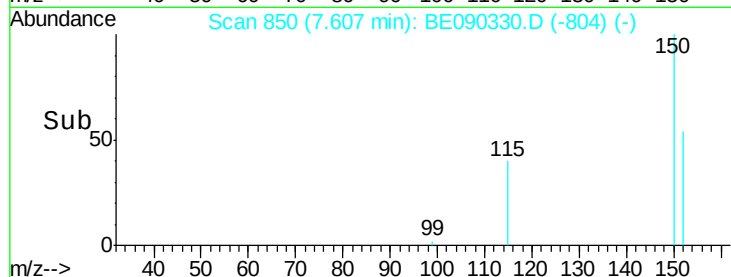
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 1.21 ng

RT: 3.29 min Scan# 102

Delta R.T. 0.08 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

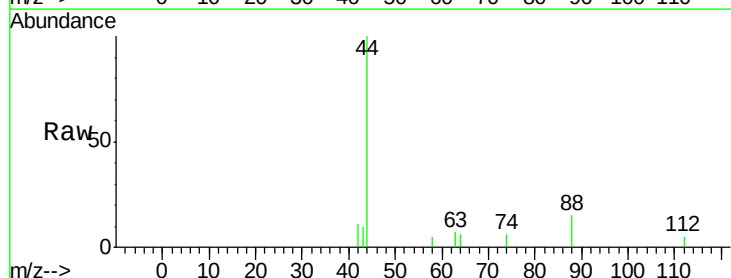
Tgt Ion: 88 Resp: 13

Ion Ratio Lower Upper

88 100

58 15.4 50.2 75.2#

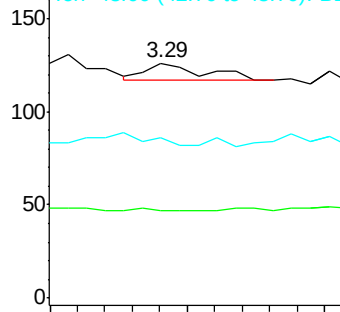
43 69.2 25.0 37.6#



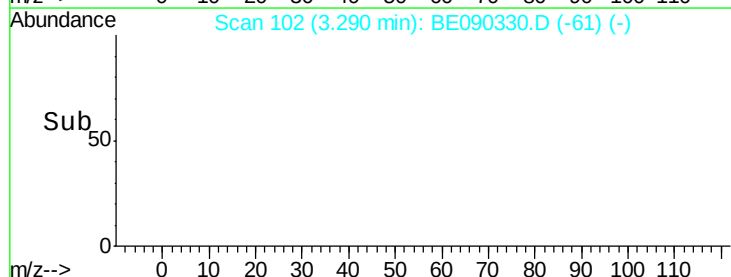
Abundance Ion 88.00 (87.70 to 88.70): BE0

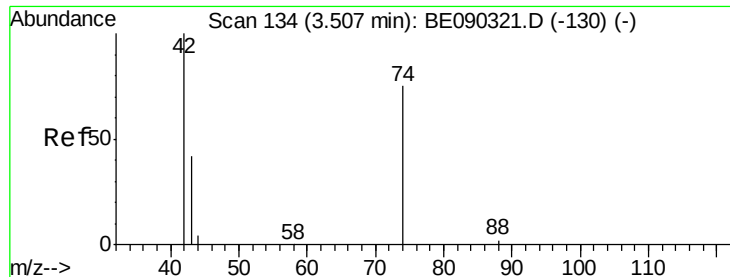
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.22 ng

RT: 3.49 min Scan# 132

Delta R.T. -0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

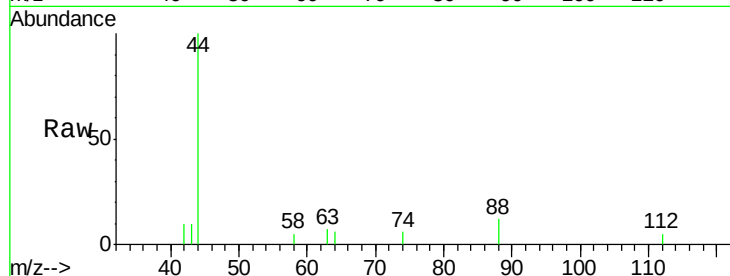
Instrument :

BNA_E

ClientSampleId :

PB84826BL

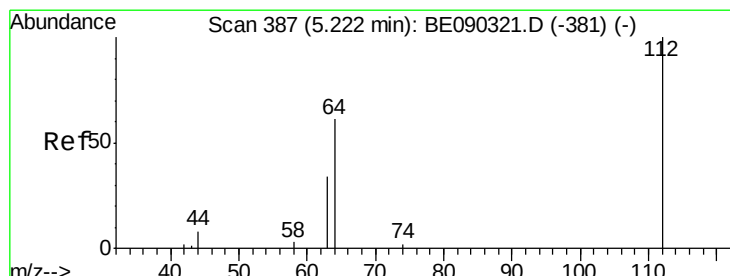
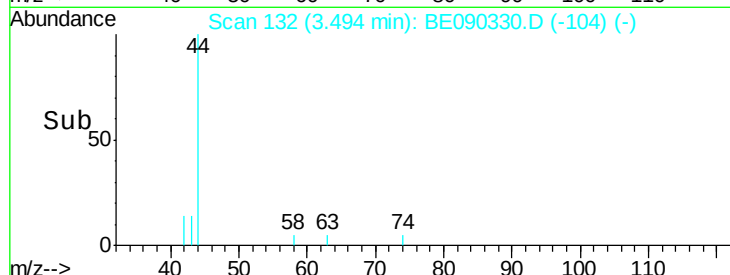
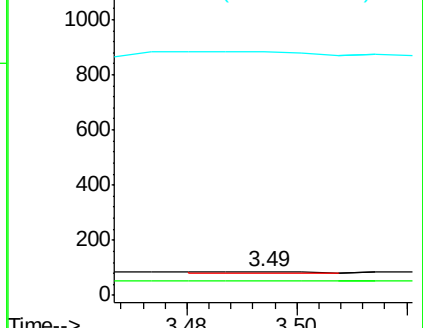
Tot Ion:	42	Resp:	3
Ion	Ratio	Lower	Upper
42	100		
74	100.0	73.2	109.8
44	0.0	3.8	5.6#



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: 5.94 ng

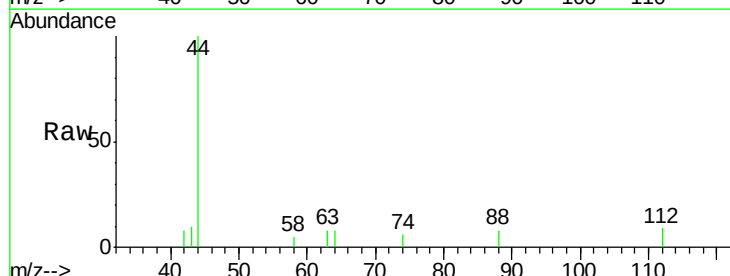
RT: 5.24 min Scan# 389

Delta R.T. 0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

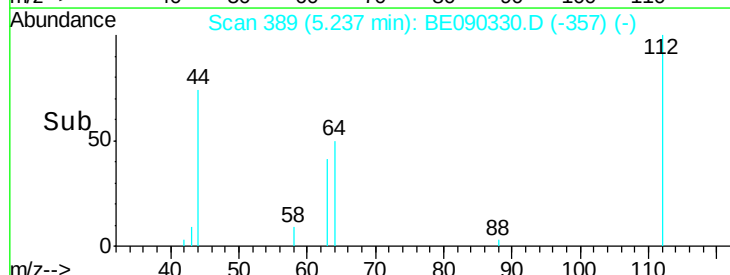
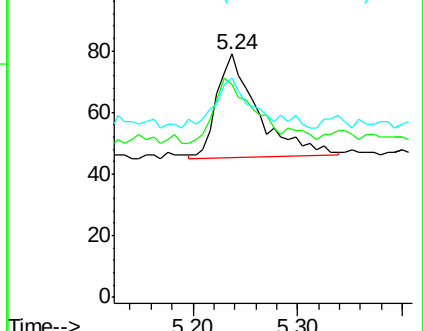
Tgt Ion:	112	Resp:	92
Ion	Ratio	Lower	Upper
112	100		
64	58.7	49.0	73.4
63	33.7	27.7	41.5

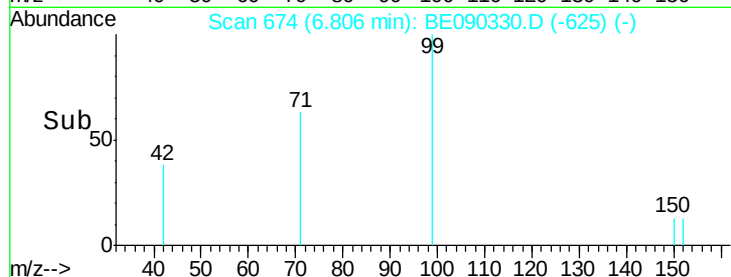
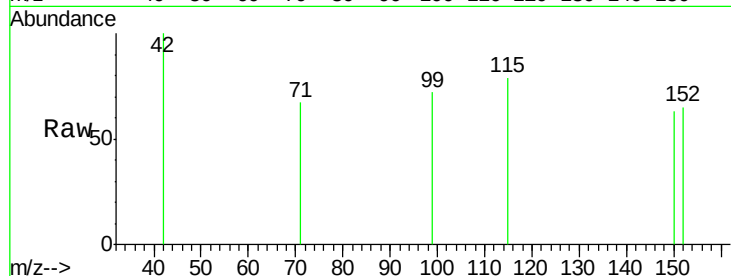
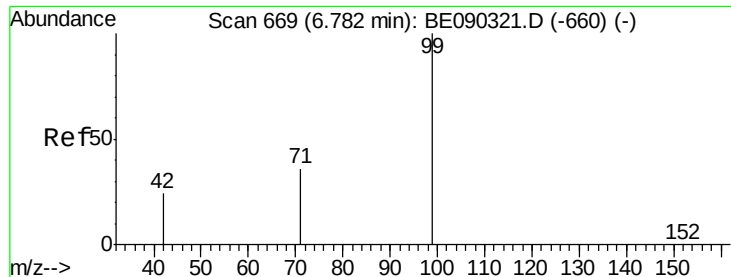


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.00 ng

RT: 6.81 min Scan# 674

Delta R.T. 0.02 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Instrument :

BNA_E

ClientSampleId :

PB84826BL

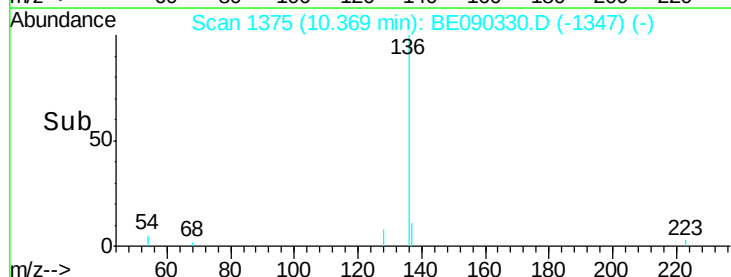
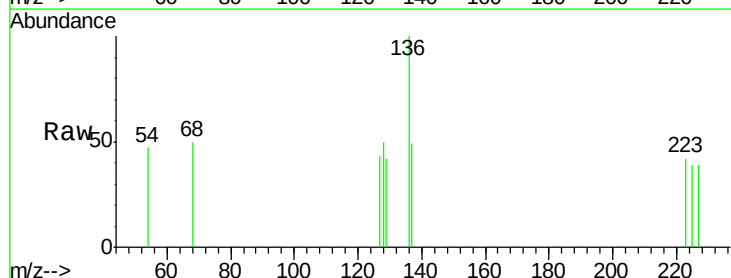
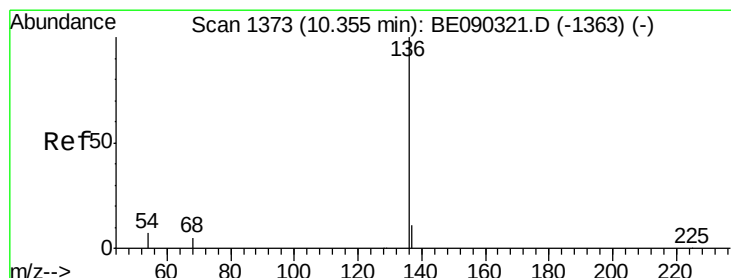
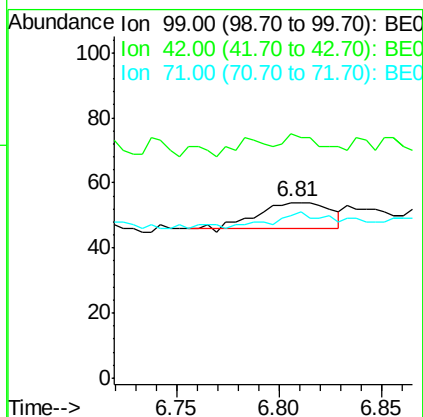
Tot Ion: 99 Resp: 19

Ion Ratio Lower Upper

99 100

42 26.3 22.2 33.2

71 57.9 29.2 43.8#



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.37 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Tgt Ion: 136 Resp: 251

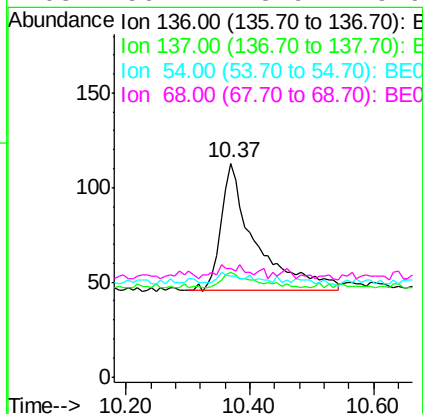
Ion Ratio Lower Upper

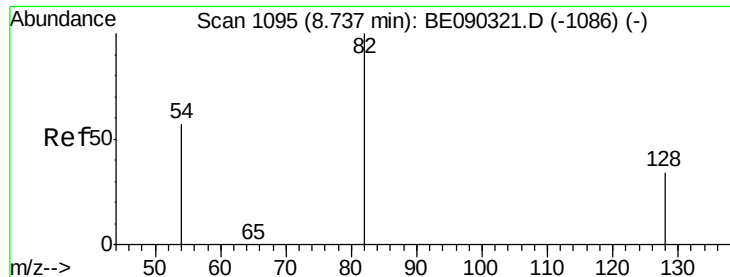
136 100

137 48.7 8.9 13.3#

54 46.9 6.0 9.0#

68 50.4 3.9 5.9#





#7

Nitrobenzene-d5

Concen: 0.27 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Instrument :

BNA_E

ClientSampleId :

PB84826BL

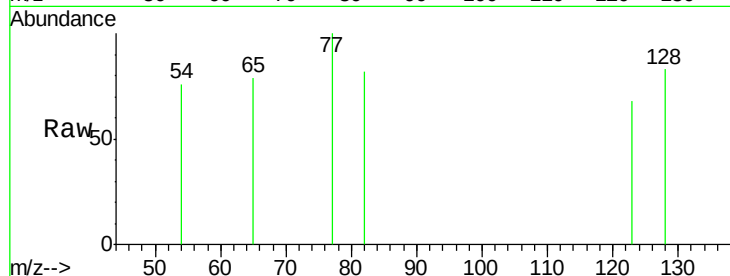
Tot Ion: 82 Resp: 4

Ion Ratio Lower Upper

82 100

128 101.9 30.8 46.2#

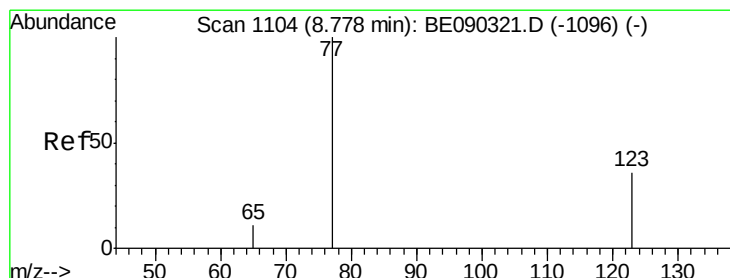
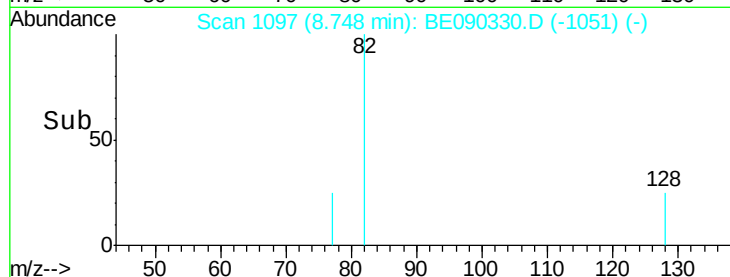
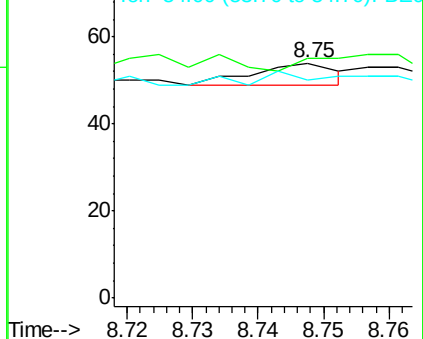
54 92.6 47.5 71.3#



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: 0.07 ng

RT: 8.79 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

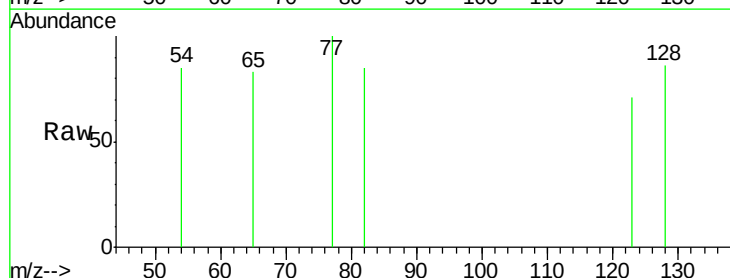
Tgt Ion: 77 Resp: 1

Ion Ratio Lower Upper

77 100

123 200.0 29.6 44.4#

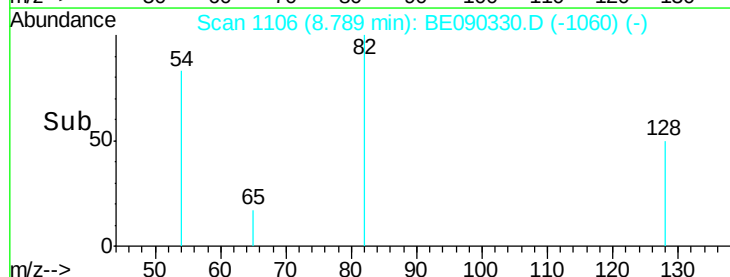
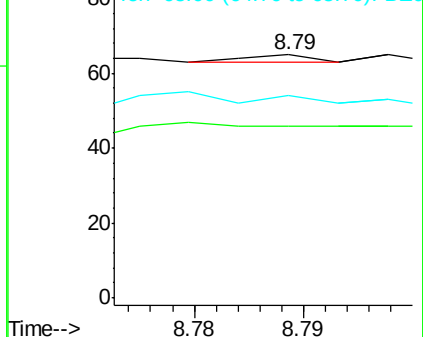
65 0.0 10.4 15.6#

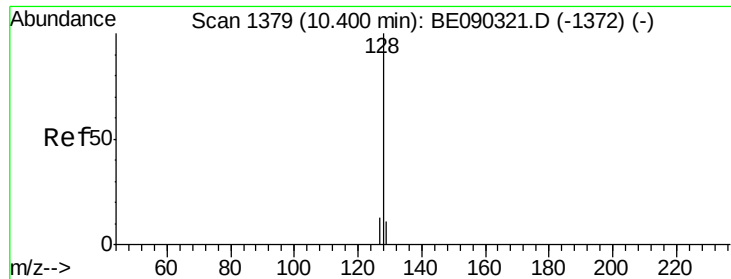


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.06 ng

RT: 10.43 min Scan# 1383

Delta R.T. 0.03 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

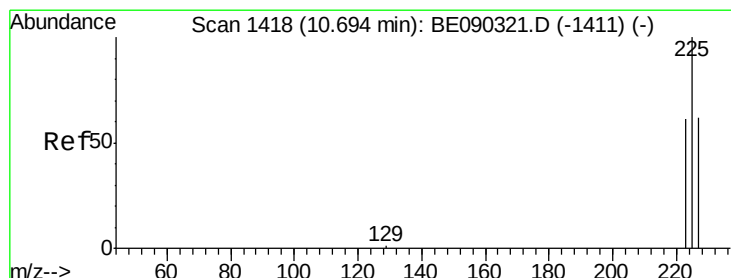
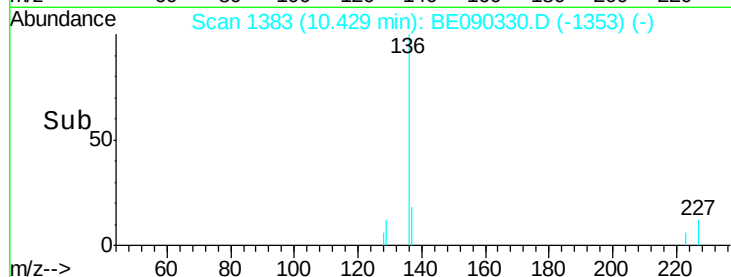
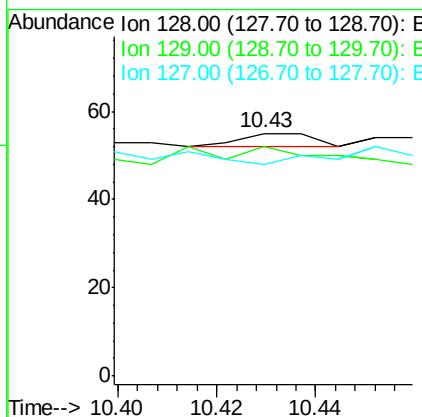
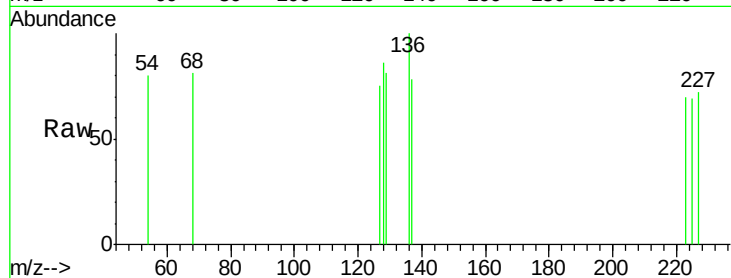
Instrument :

BNA_E

ClientSampleId :

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Tot Ion:128	Resp:	3	
Ion Ratio	Lower	Upper	
128 100			
129 94.5	10.1	15.1#	
127 87.3	11.3	16.9#	



#10

Hexachlorobutadiene

Concen: 0.28 ng

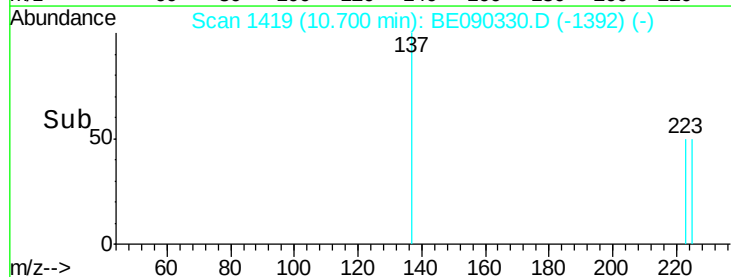
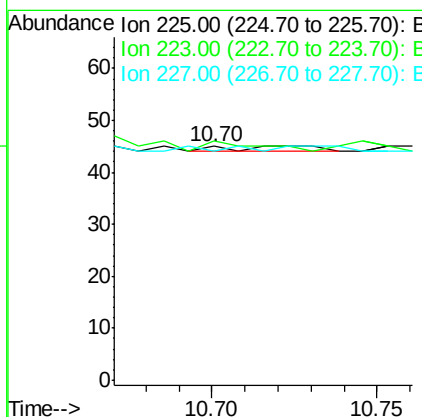
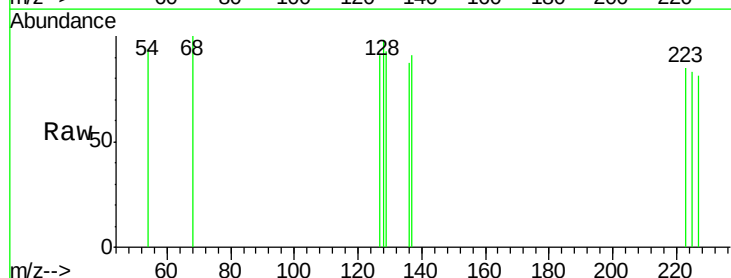
RT: 10.70 min Scan# 1419

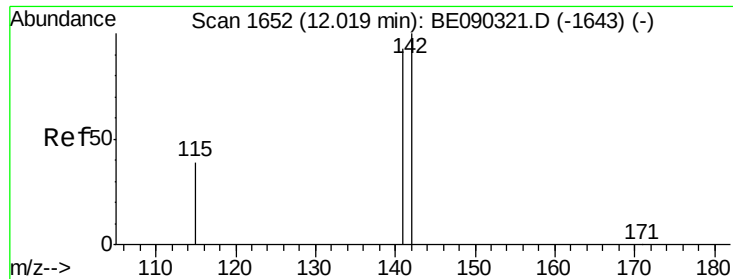
Delta R.T. 0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Tgt	Ion:225	Resp:	2
Ion	Ratio	Lower	Upper
225	100		
223	100.0	50.4	75.6#
227	100.0	49.6	74.4#

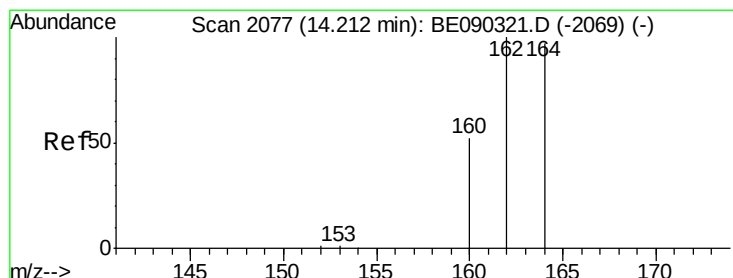
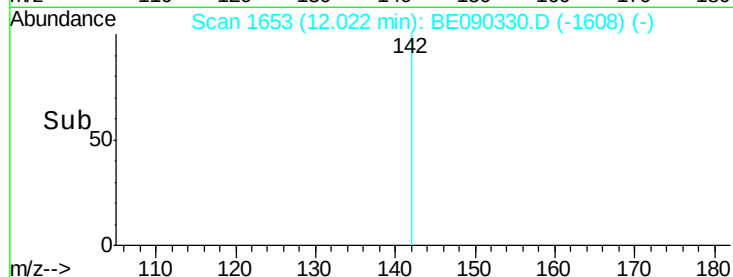
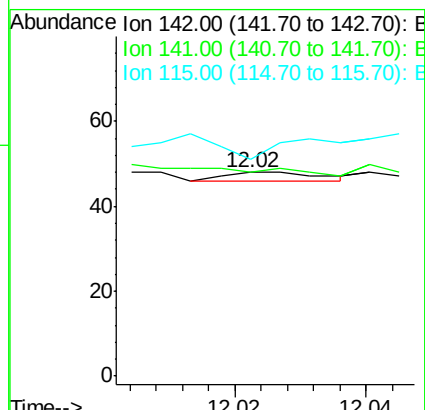
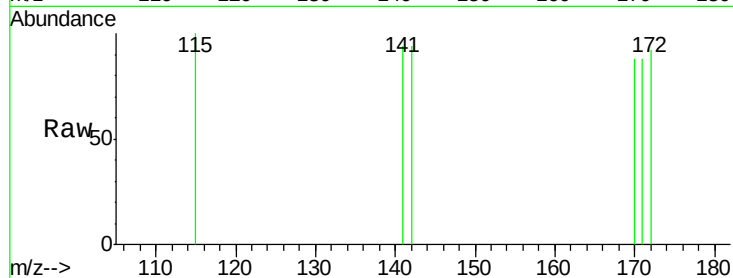




#11
2-Methylnaphthalene
Concen: 0.06 ng
RT: 12.02 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

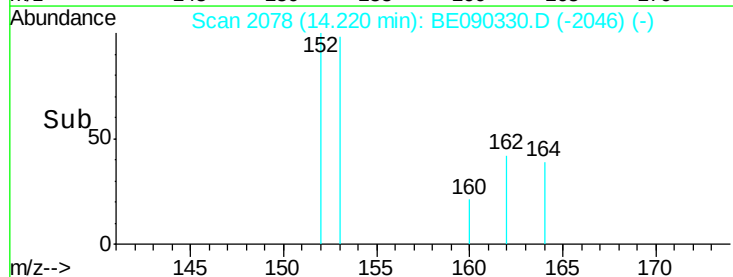
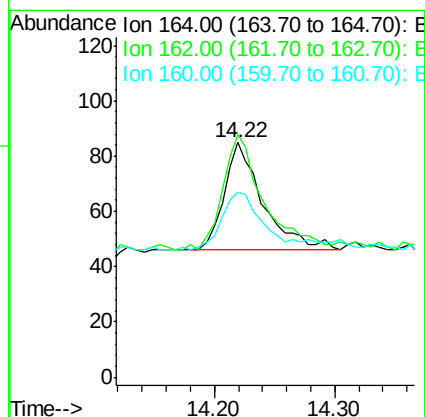
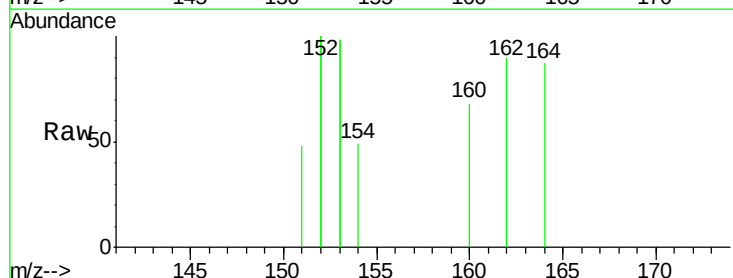
Instrument :
BNA_E
ClientSampleId :
PB84826BL

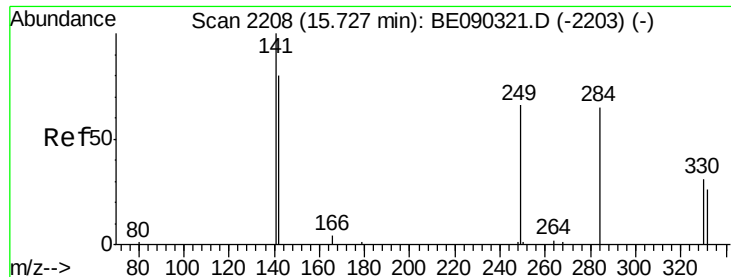
Tot Ion:142 Resp: 2
Ion Ratio Lower Upper
142 100
141 100.0 74.6 112.0
115 106.3 32.6 49.0#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:164 Resp: 87
Ion Ratio Lower Upper
164 100
162 103.5 82.7 124.1
160 78.8 43.0 64.6#

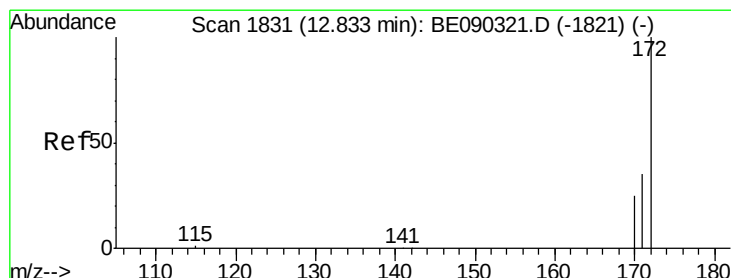
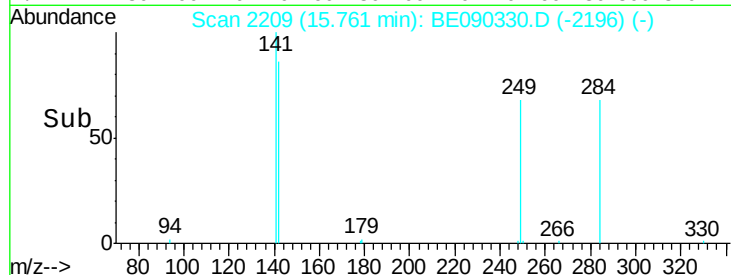
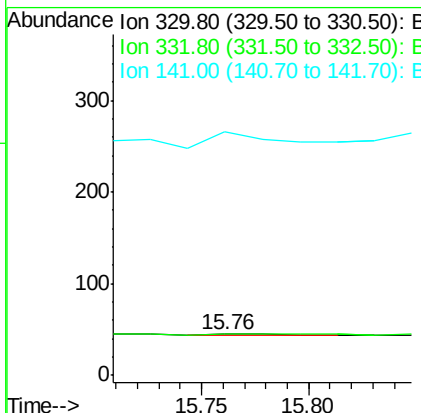
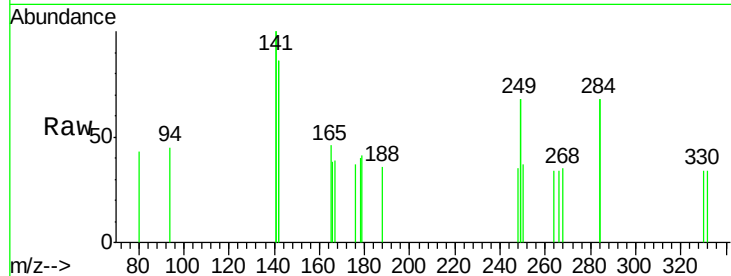




#13
 2,4,6-Tribromophenol
 Concen: 1.78 ng
 RT: 15.76 min Scan# 2209
 Delta R.T. 0.03 min
 Lab File: BE090330.D
 Acq: 4 Aug 2015 3:50

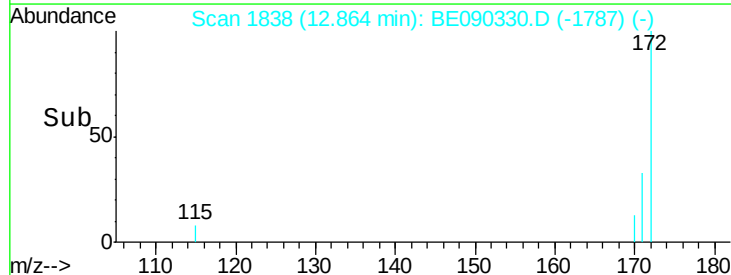
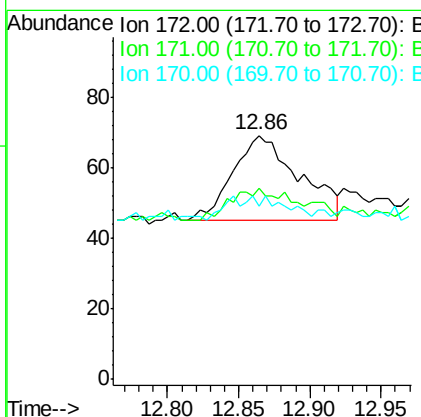
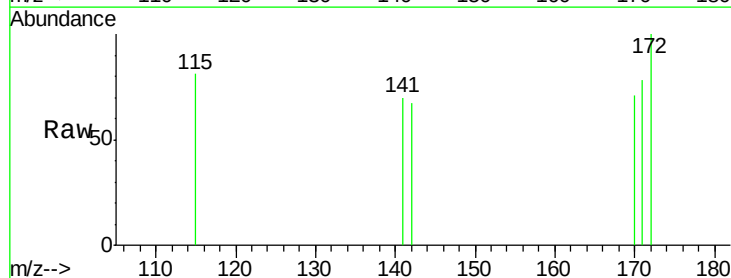
Instrument :
 BNA_E
 ClientSampleId :
 PB84826BL

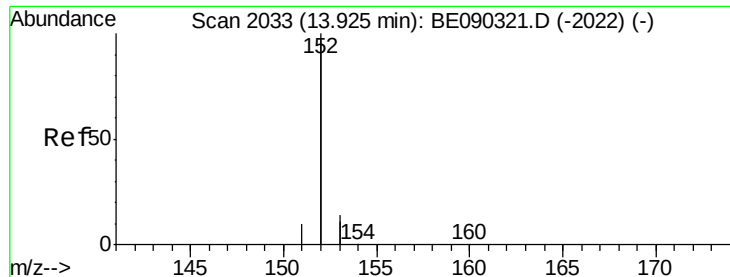
Tot Ion:330 Resp: 2
 Ion Ratio Lower Upper
 330 100
 332 250.0 79.4 119.0#
 141 5850.0 245.9 368.9#



#14
 2-Fluorobiphenyl
 Concen: 3.09 ng
 RT: 12.86 min Scan# 1838
 Delta R.T. 0.03 min
 Lab File: BE090330.D
 Acq: 4 Aug 2015 3:50

Tgt Ion:172 Resp: 78
 Ion Ratio Lower Upper
 172 100
 171 78.3 29.5 44.3#
 170 71.0 21.3 31.9#





#15

Acenaphthylene

Concen: 0.11 ng

RT: 13.92 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Instrument :

BNA_E

ClientSampleId :

PB84826BL

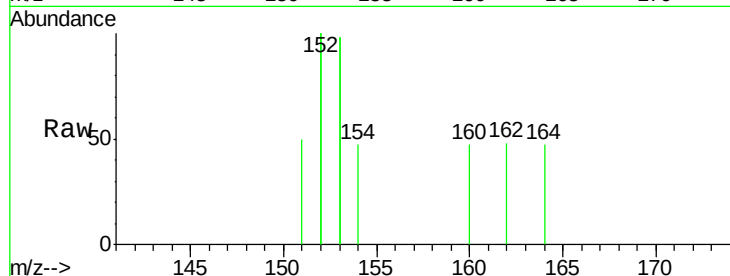
Tot Ion:152 Resp: 16

Ion Ratio Lower Upper

152 100

151 25.0 4.0 6.0#

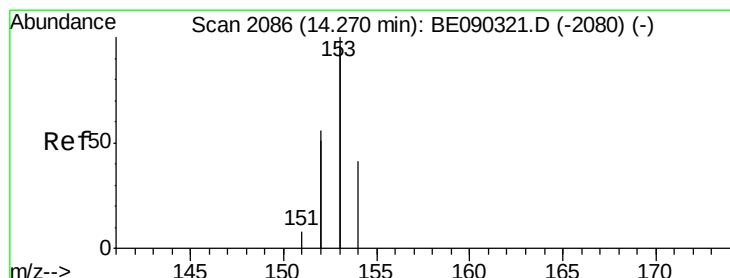
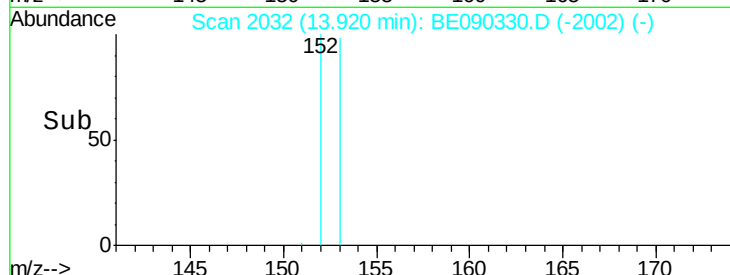
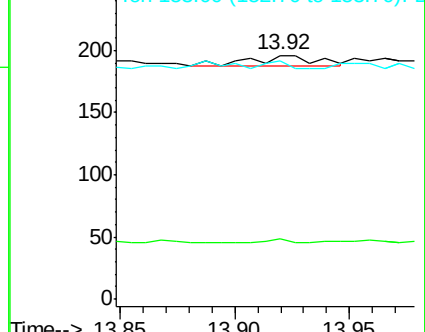
153 0.0 10.2 15.4#



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



#16

Acenaphthene

Concen: 0.23 ng

RT: 14.26 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

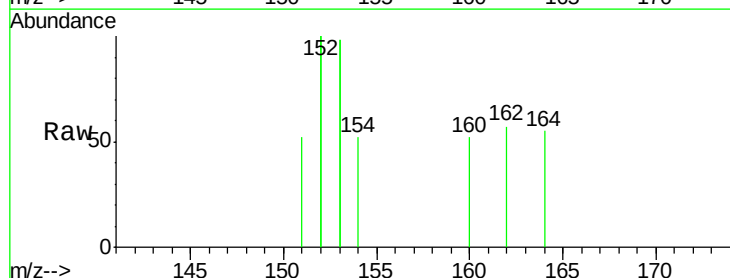
Tgt Ion:154 Resp: 5

Ion Ratio Lower Upper

154 100

153 200.0 378.0 567.0#

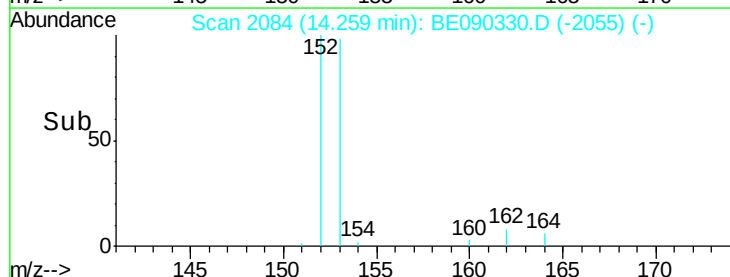
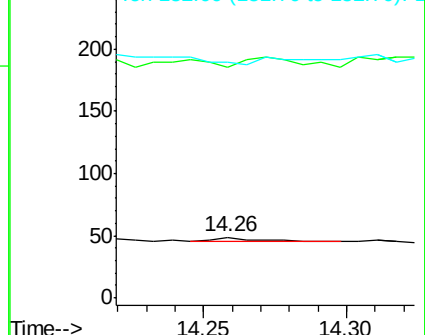
152 100.0 212.7 319.1#

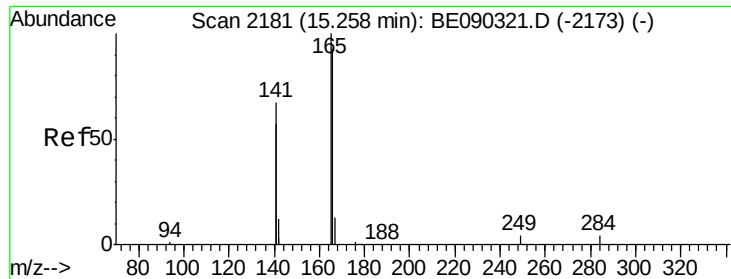


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.49 ng

RT: 15.26 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Instrument :

BNA_E

ClientSampleId :

PB84826BL

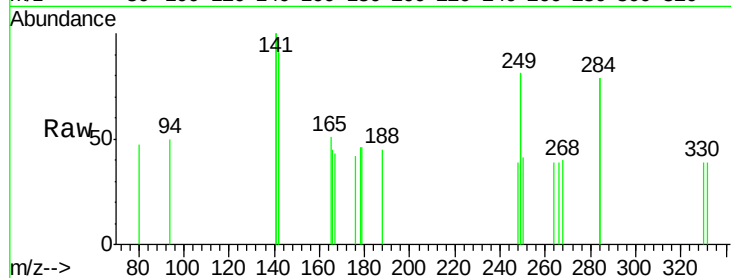
Tot Ion:166 Resp: 13

Ion Ratio Lower Upper

166 100

165 0.0 82.6 123.8#

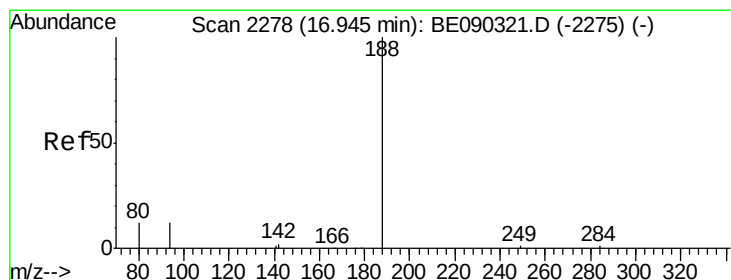
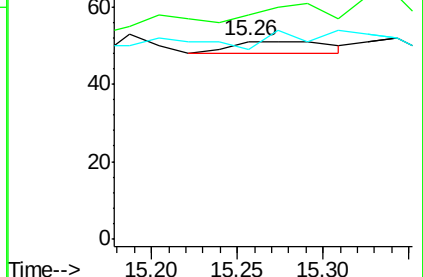
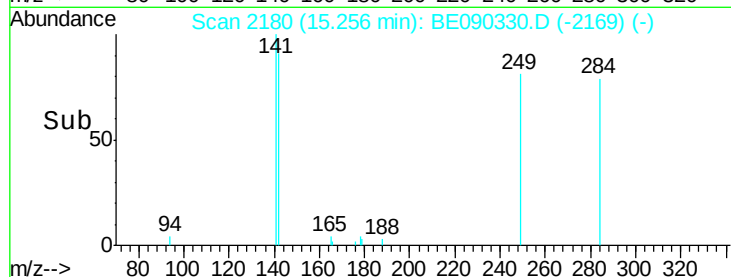
167 176.9 11.8 17.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.98 min Scan# 2279

Delta R.T. 0.03 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

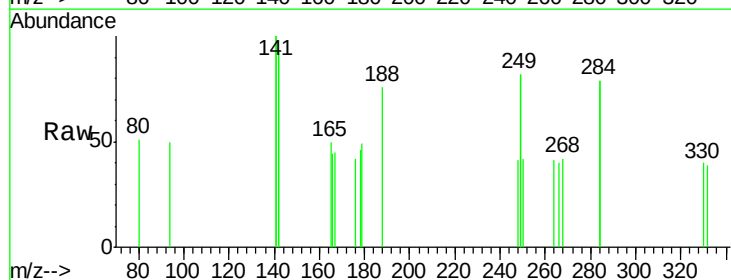
Tgt Ion:188 Resp: 150

Ion Ratio Lower Upper

188 100

94 65.1 9.5 14.3#

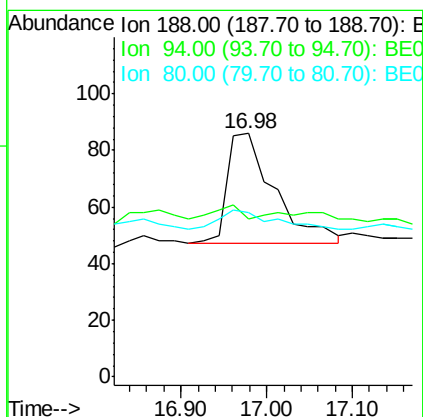
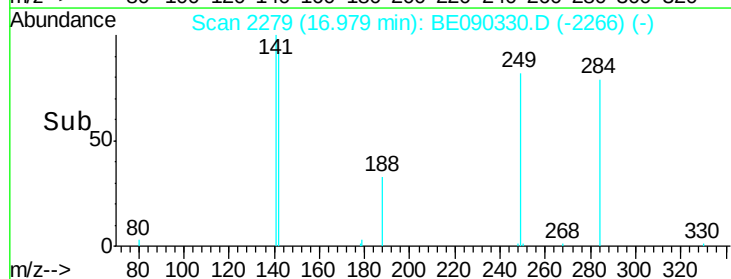
80 67.4 10.0 15.0#

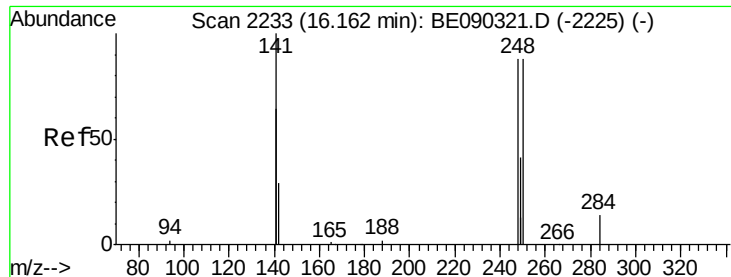


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 0.53 ng

RT: 16.21 min Scan# 2235

Delta R.T. 0.05 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Instrument :

BNA_E

ClientSampleId :

PB84826BL

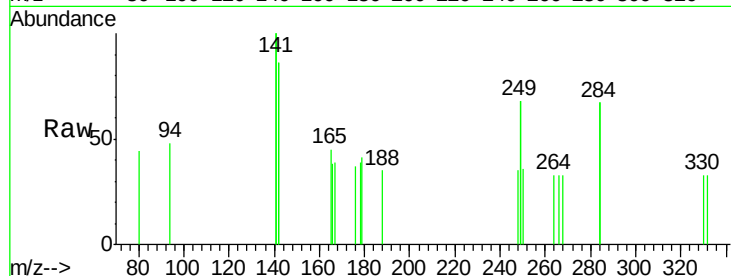
Tot Ion:248 Resp: 3

Ion Ratio Lower Upper

248 100

250 266.7 74.0 111.0#

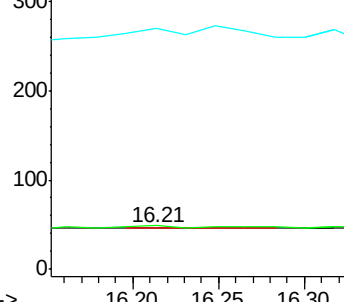
141 1166.7 258.9 388.3#



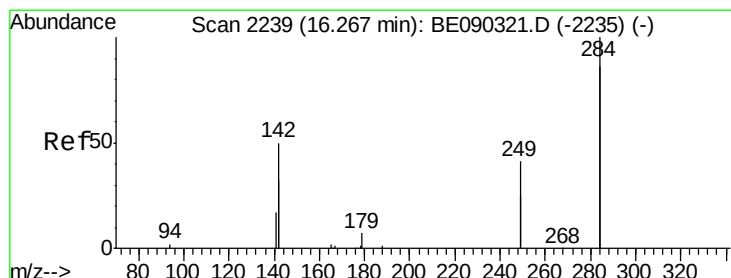
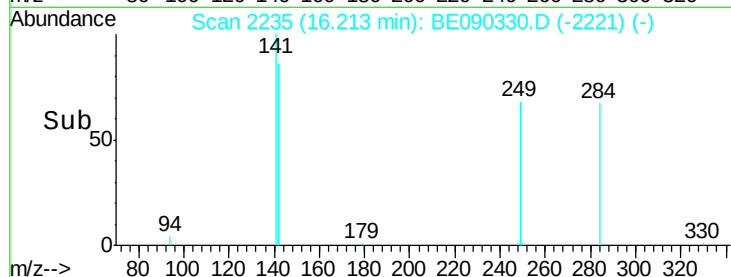
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#20

Hexachlorobenzene

Concen: 0.47 ng

RT: 16.35 min Scan# 2243

Delta R.T. 0.09 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

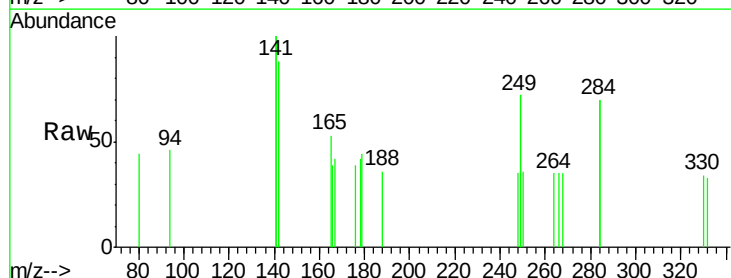
Tgt Ion:284 Resp: 10

Ion Ratio Lower Upper

284 100

142 100.0 44.2 66.4#

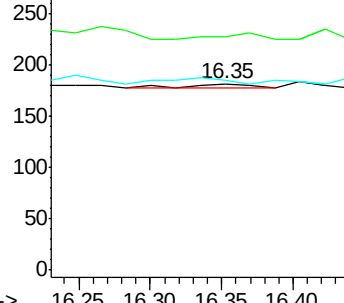
249 0.0 26.4 39.6#



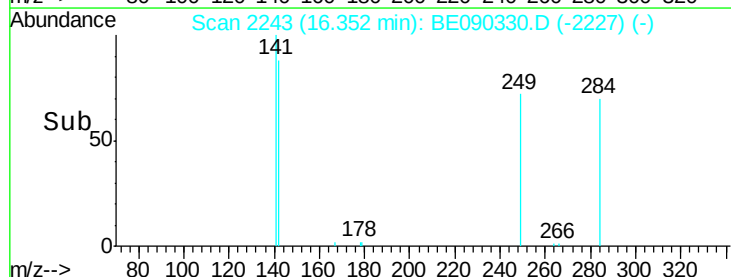
Abundance Ion 283.80 (283.50 to 284.50): E

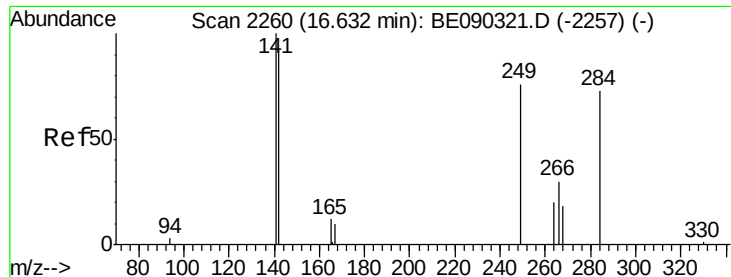
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->





#21

Pentachlorophenol

Concen: 4.83 ng

RT: 16.70 min Scan# 2263

Delta R.T. 0.07 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

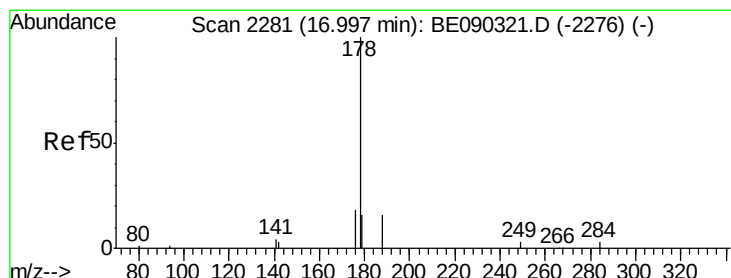
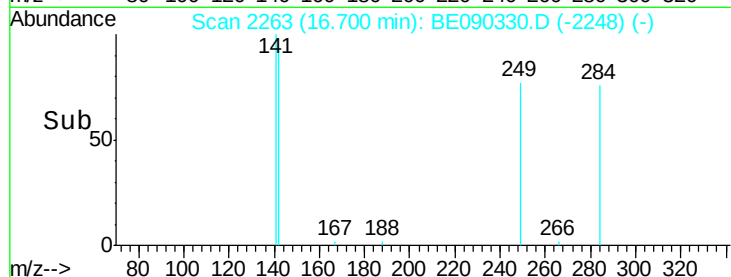
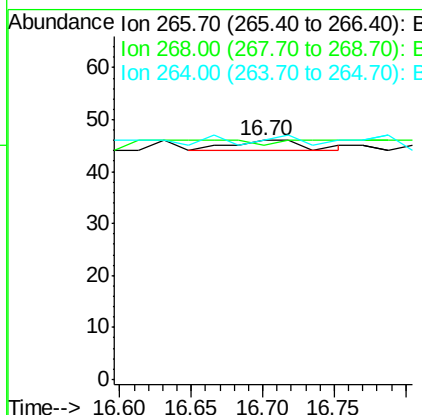
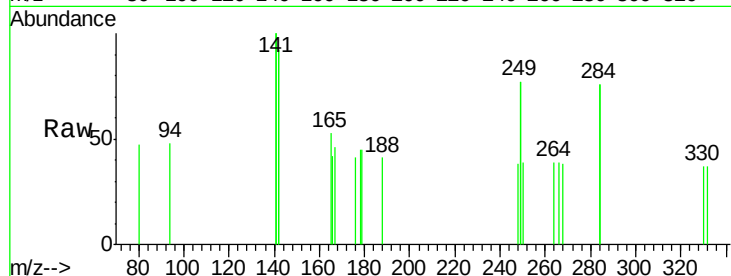
Instrument :

BNA_E

ClientSampled :

PB84826BL

Tot Ion:	266	Resp:	7
Ion	Ratio	Lower	Upper
266	100		
268	97.8	66.2	99.2
264	100.0	69.1	103.7



#22

Phenanthrene

Concen: 1.11 ng

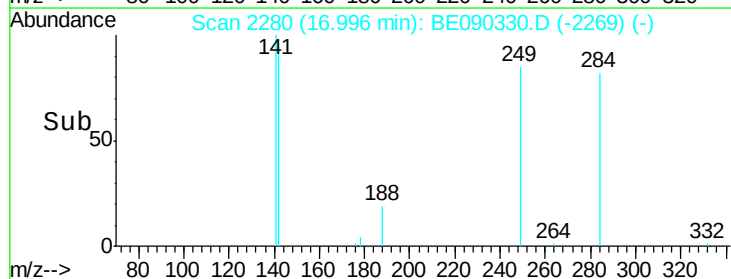
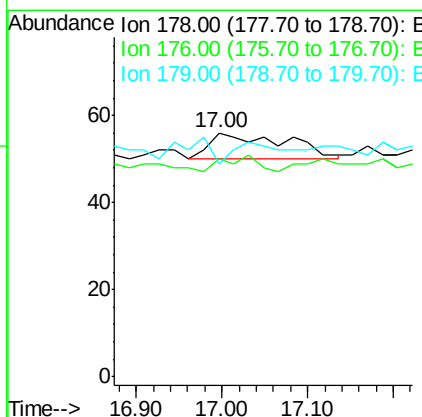
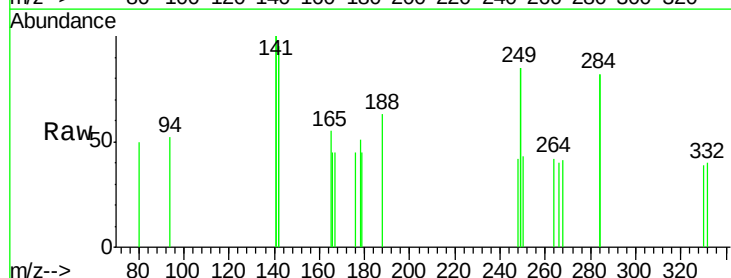
RT: 17.00 min Scan# 2280

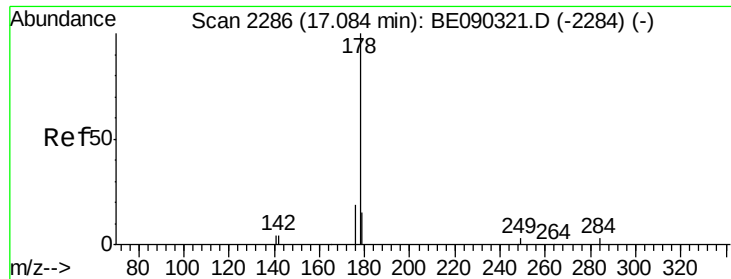
Delta R.T. -0.00 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Tgt Ion:	178	Resp:	38
Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	39.5	12.6	18.8#





#23

Anthracene

Concen: 0.07 ng

RT: 17.17 min Scan# 2290

Delta R.T. 0.09 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

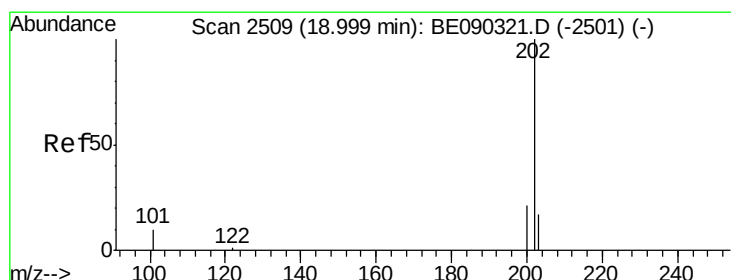
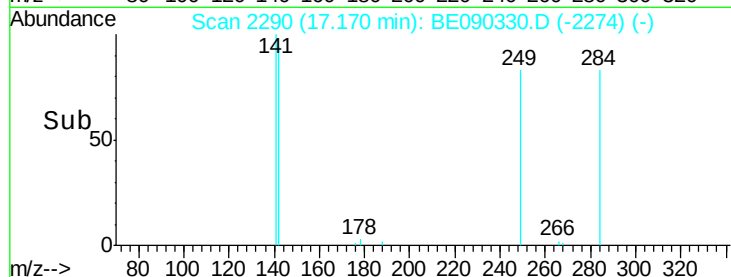
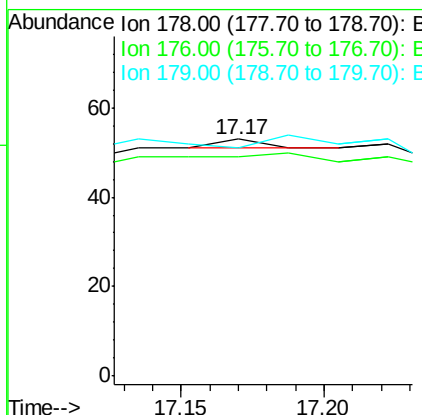
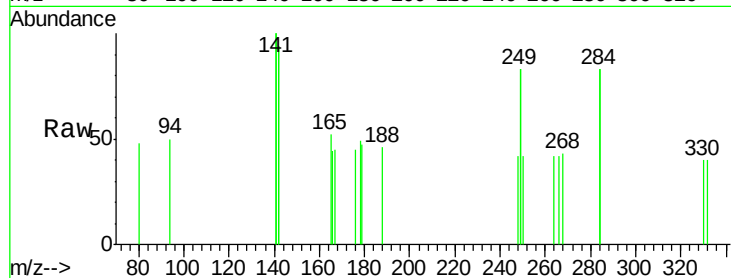
Instrument :

BNA_E

ClientSampleId :

PB84826BL

Tot Ion:178	Resp:	2
Ion	Ratio	Lower Upper
178	100	
176	0.0	15.1 22.7#
179	400.0	12.1 18.1#



#24

Fluoranthene

Concen: 0.38 ng

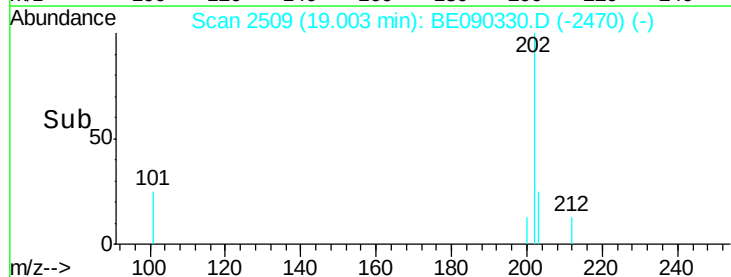
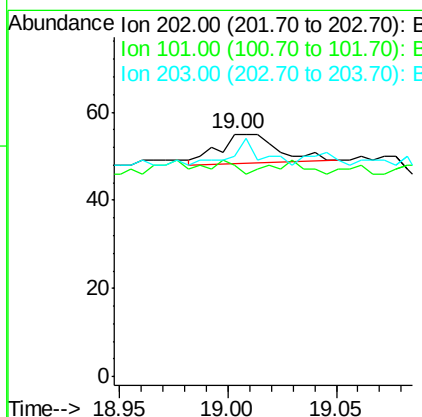
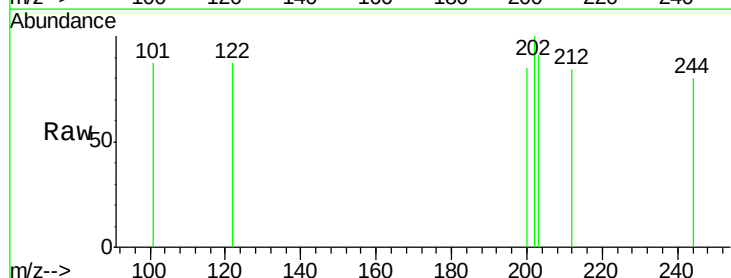
RT: 19.00 min Scan# 2509

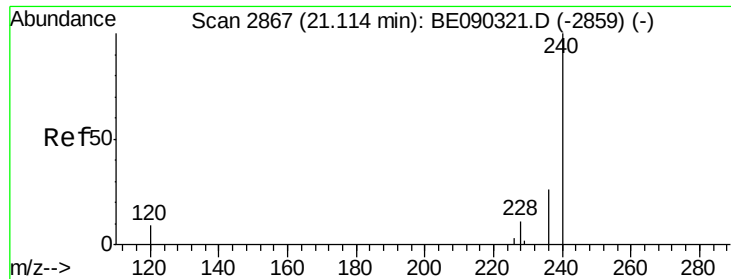
Delta R.T. 0.00 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Tgt Ion:202	Resp:	13
Ion	Ratio	Lower Upper
202	100	
101	15.4	8.3 12.5#
203	38.5	13.8 20.8#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Instrument :

BNA_E

ClientSampled :

PB84826BL

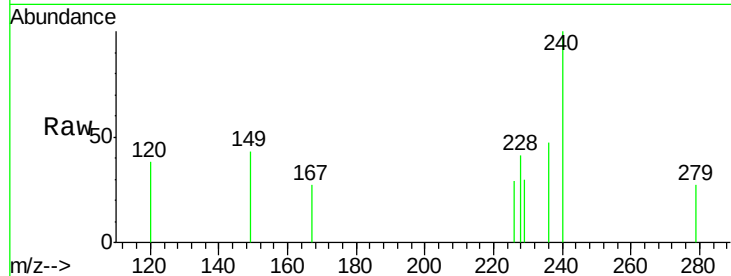
Tot Ion:240 Resp: 660

Ion Ratio Lower Upper

240 100

120 38.3 7.5 11.3#

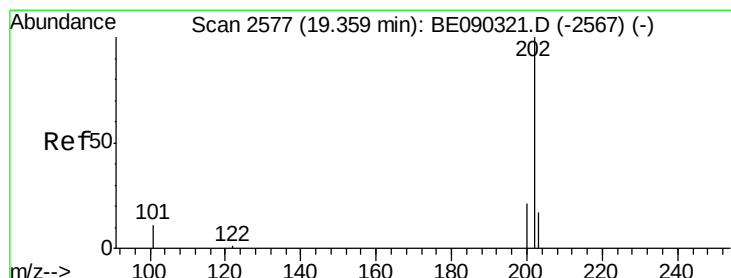
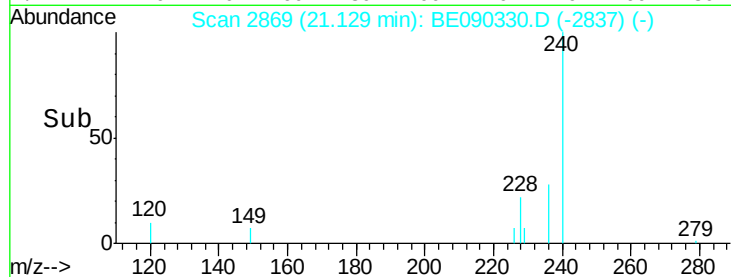
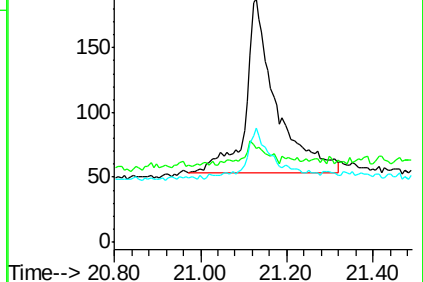
236 46.8 21.0 31.4#



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: 0.18 ng

RT: 19.37 min Scan# 2578

Delta R.T. 0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

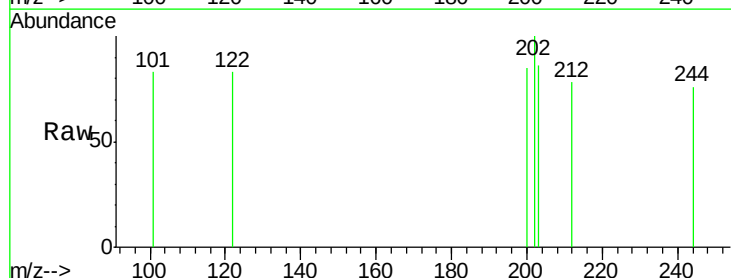
Tgt Ion:202 Resp: 32

Ion Ratio Lower Upper

202 100

200 28.1 16.6 24.8#

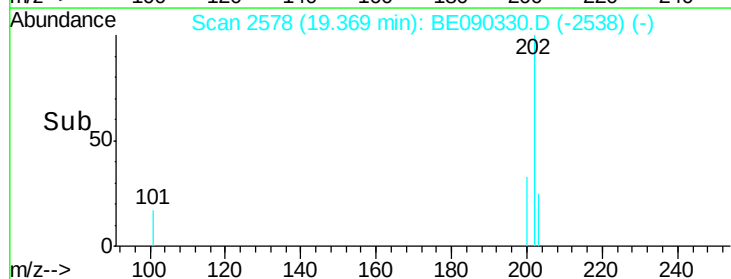
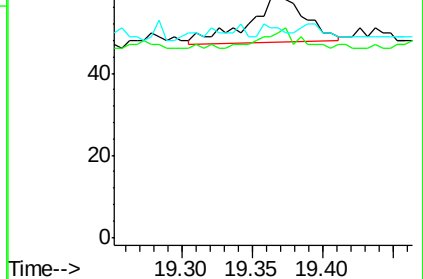
203 9.4 13.8 20.6#

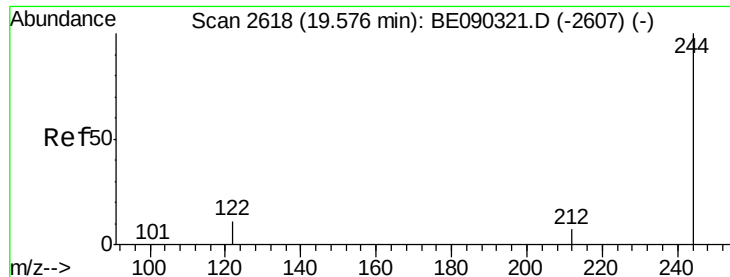


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 0.66 ng

RT: 19.59 min Scan# 2620

Delta R.T. 0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Instrument :

BNA_E

ClientSampled :

PB84826BL

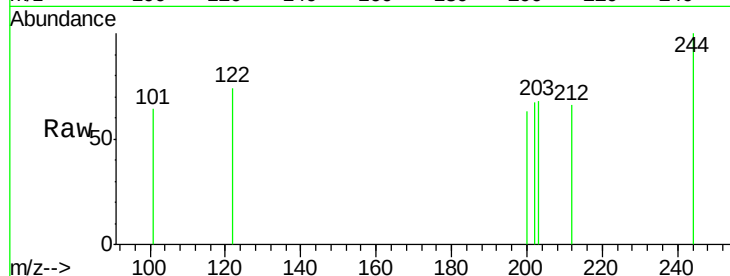
Tot Ion:244 Resp: 81

Ion Ratio Lower Upper

244 100

212 65.8 7.4 11.2#

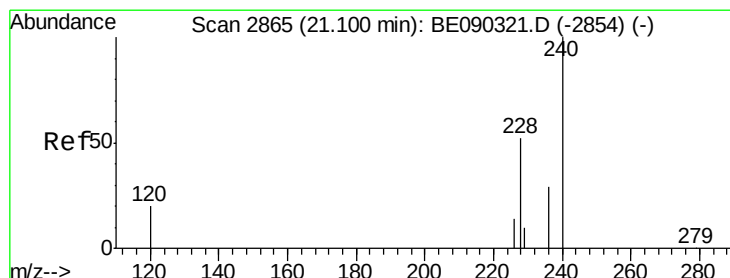
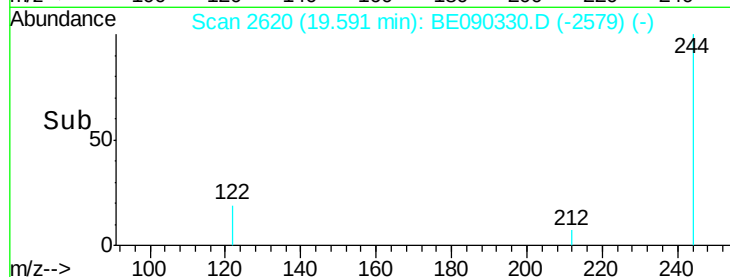
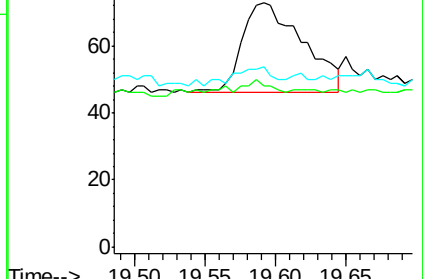
122 74.0 10.4 15.6#



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



#28

Benzo(a)anthracene

Concen: 0.83 ng

RT: 21.11 min Scan# 2866

Delta R.T. 0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

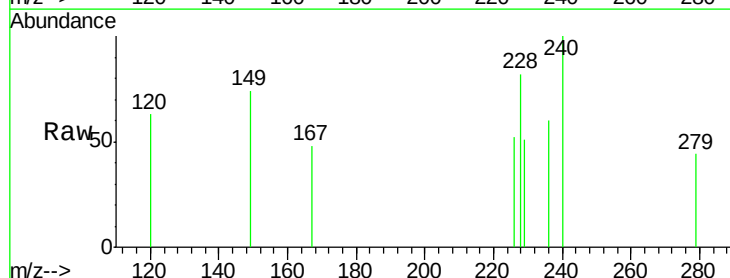
Tgt Ion:228 Resp: 104

Ion Ratio Lower Upper

228 100

226 64.0 23.0 34.4#

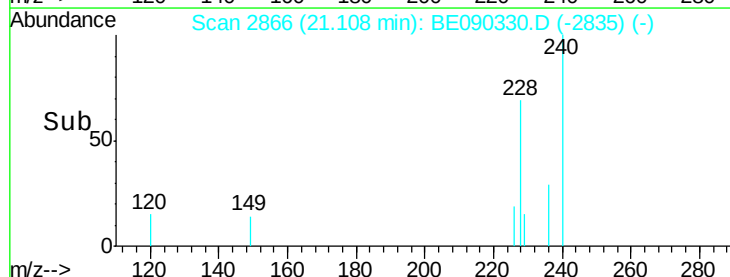
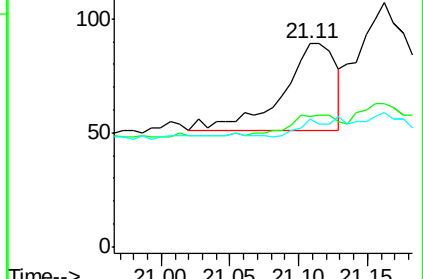
229 62.9 17.4 26.2#

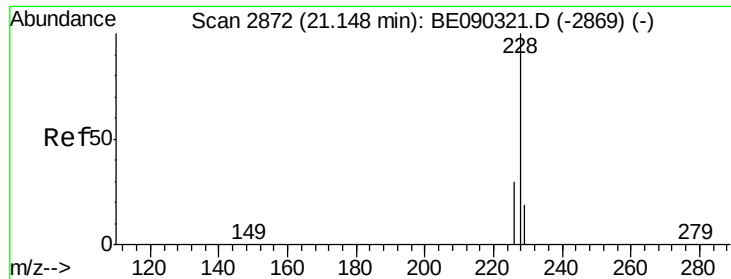


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 1.00 ng

RT: 21.16 min Scan# 2874

Delta R.T. 0.02 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Instrument :

BNA_E

ClientSampleId :

PB84826BL

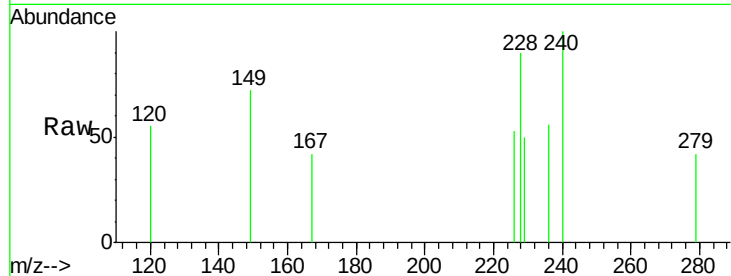
Tot Ion:228 Resp: 157

Ion Ratio Lower Upper

228 100

226 58.9 24.9 37.3#

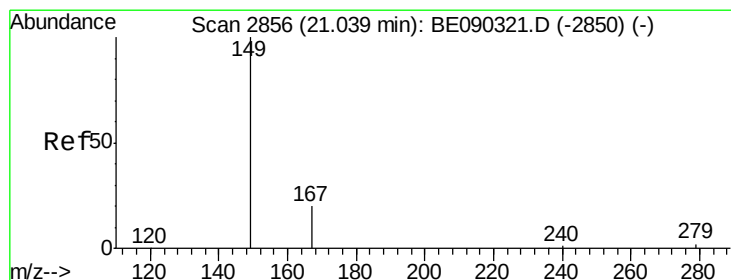
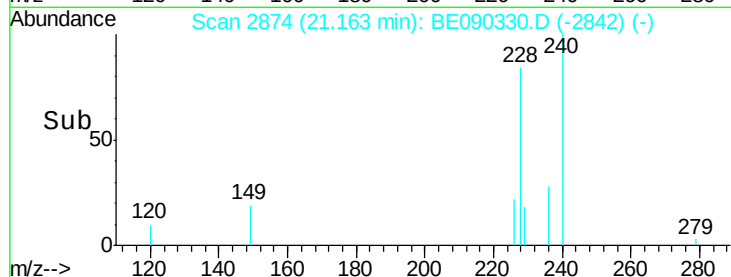
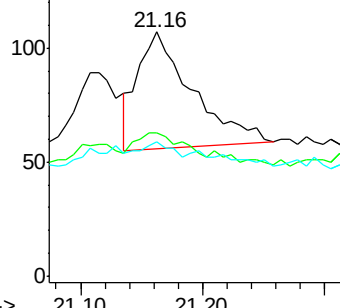
229 55.1 16.6 25.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 21.03 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

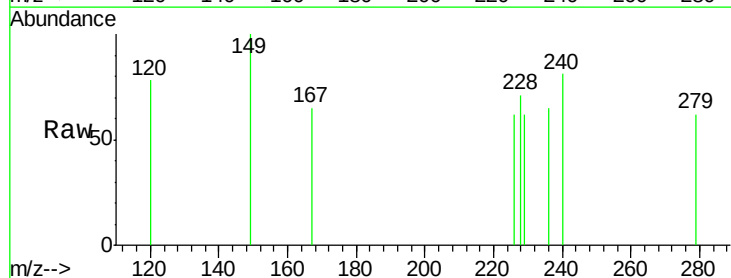
Tgt Ion:149 Resp: 5

Ion Ratio Lower Upper

149 100

167 0.0 16.6 24.8#

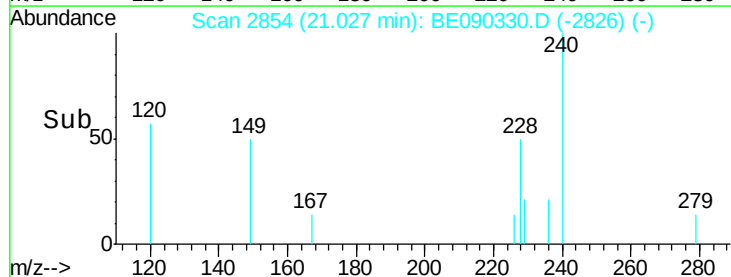
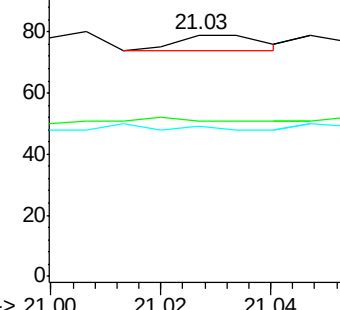
279 0.0 2.7 4.1#

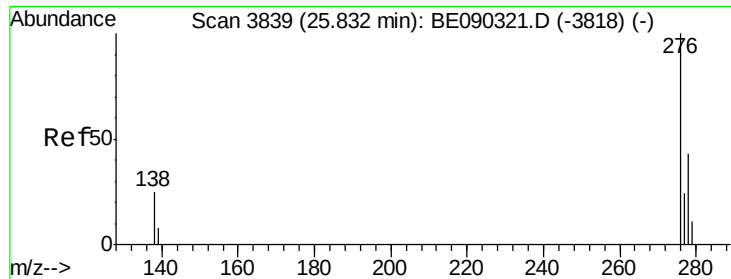


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.31 ng

RT: 25.82 min Scan# 3835

Delta R.T. -0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Instrument :

BNA_E

ClientSampleId :

PB84826BL

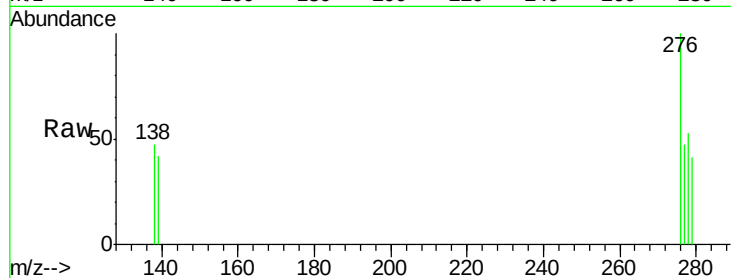
Tot Ion:276 Resp: 176

Ion Ratio Lower Upper

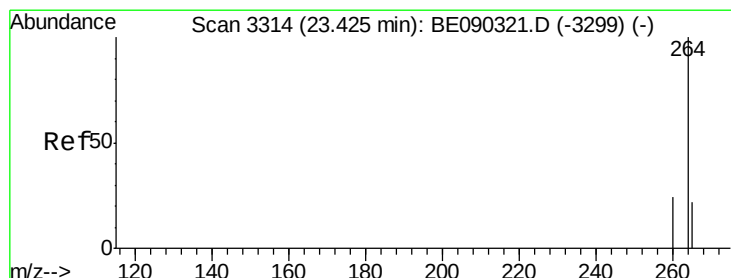
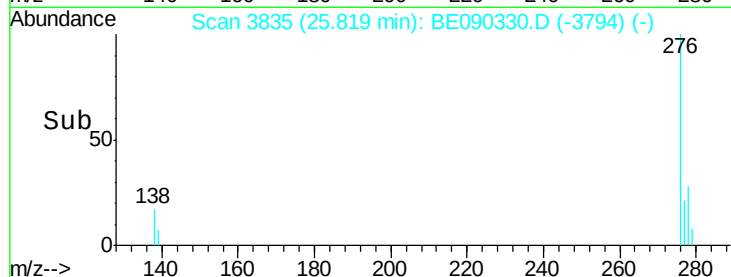
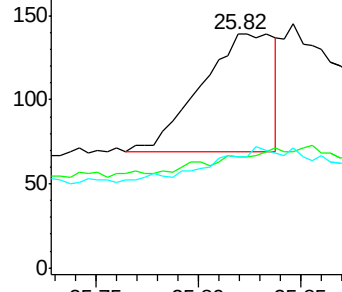
276 100

138 18.2 10.6 16.0#

277 41.5 14.6 22.0#



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: 23.43 min Scan# 3314

Delta R.T. 0.00 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

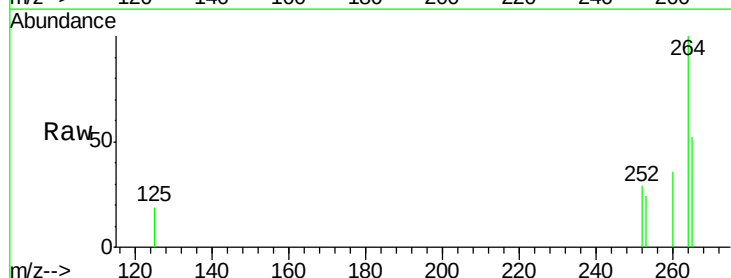
Tgt Ion:264 Resp: 893

Ion Ratio Lower Upper

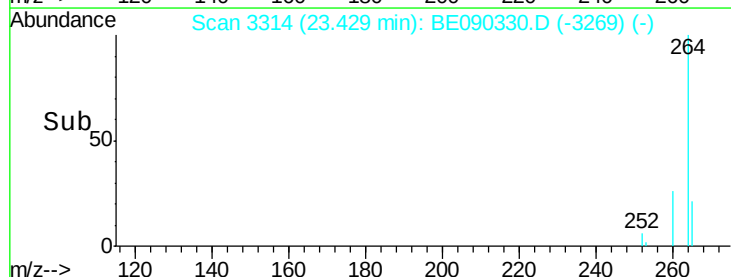
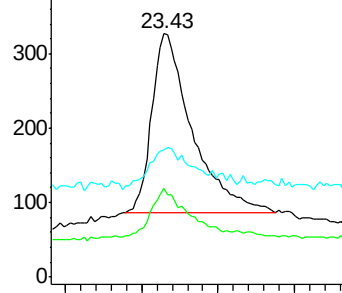
264 100

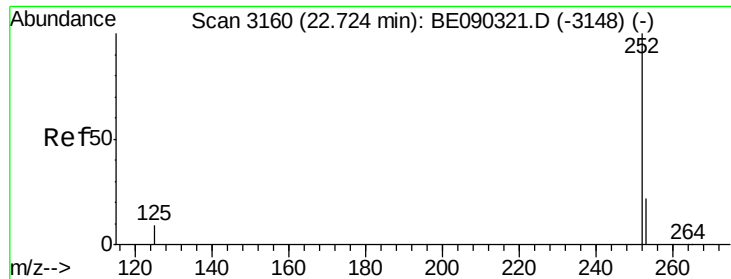
260 36.4 20.1 30.1#

265 52.0 18.6 28.0#



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

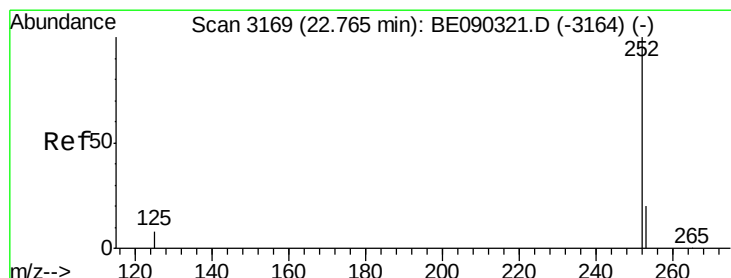
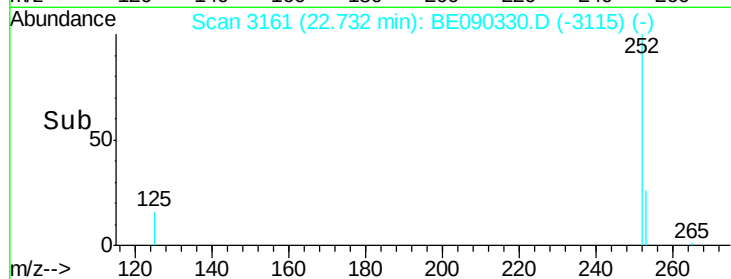
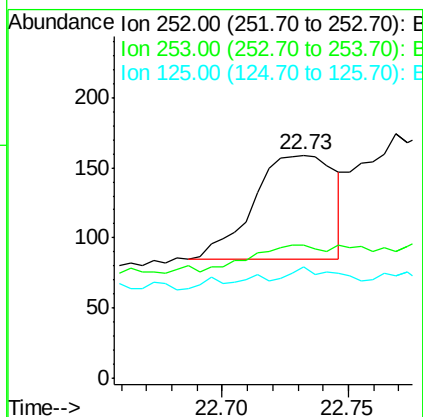
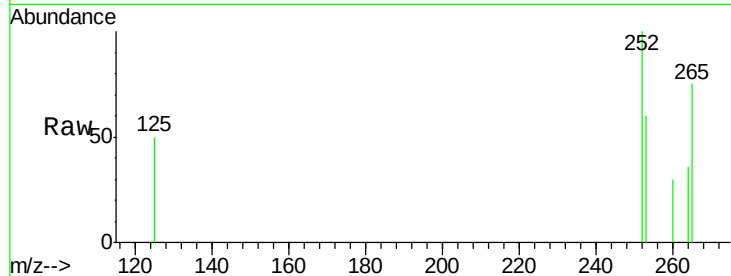




#33
Benzo(b)fluoranthene
Concen: 1.24 ng
RT: 22.73 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

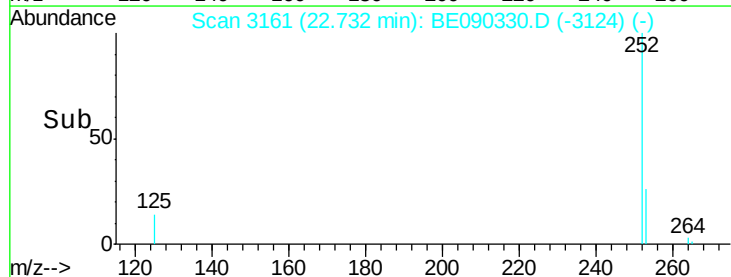
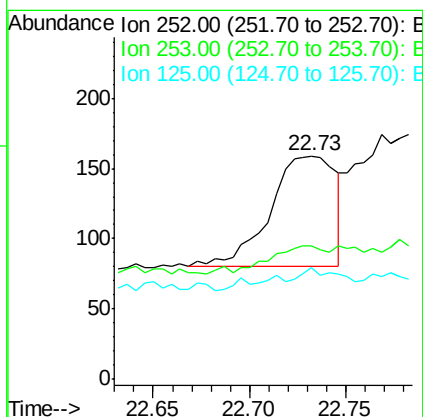
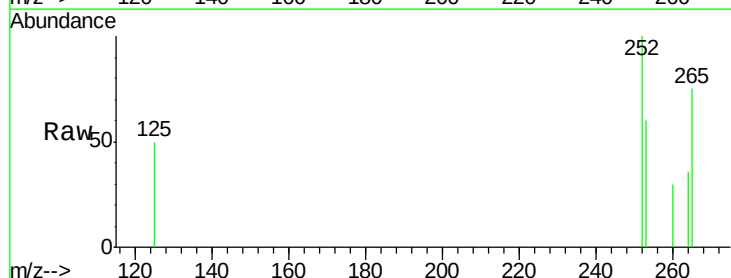
Instrument :
BNA_E
ClientSampleID :
PB84826BL

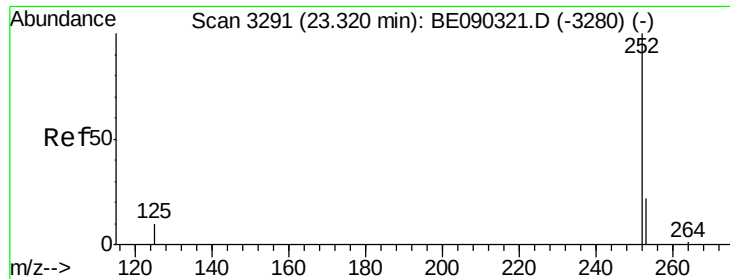
Tot Ion:252 Resp: 165
Ion Ratio Lower Upper
252 100
253 59.7 21.5 32.3#
125 49.7 11.8 17.8#



#34
Benzo(k)fluoranthene
Concen: 0.78 ng
RT: 22.73 min Scan# 3161
Delta R.T. -0.03 min
Lab File: BE090330.D
Acq: 4 Aug 2015 3:50

Tgt Ion:252 Resp: 188
Ion Ratio Lower Upper
252 100
253 59.7 19.9 29.9#
125 49.7 11.2 16.8#





#35

Benzo(a)pyrene

Concen: 2.05 ng

RT: 23.33 min Scan# 3292

Delta R.T. 0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Instrument :

BNA_E

ClientSampleId :

PB84826BL

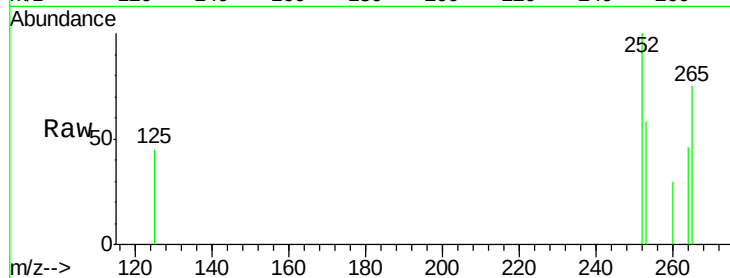
Tot Ion:252 Resp: 296

Ion Ratio Lower Upper

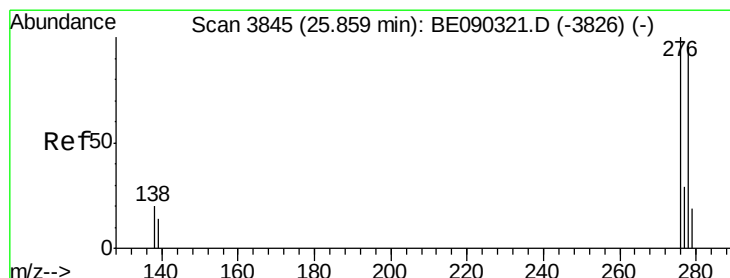
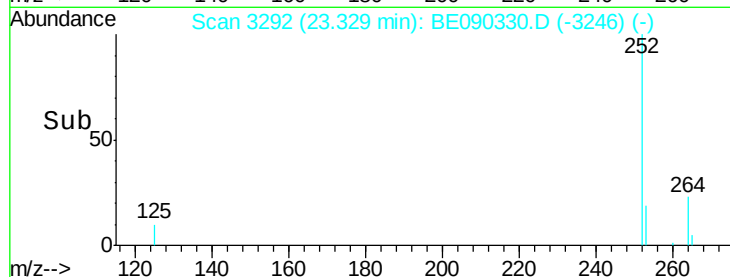
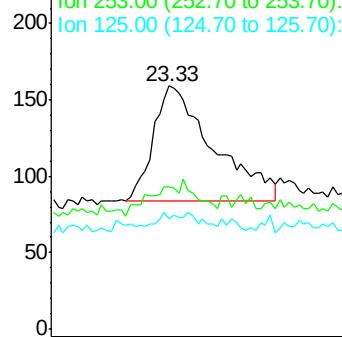
252 100

253 58.5 23.0 34.4#

125 45.3 14.2 21.2#



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: 1.52 ng

RT: 25.85 min Scan# 3842

Delta R.T. -0.01 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

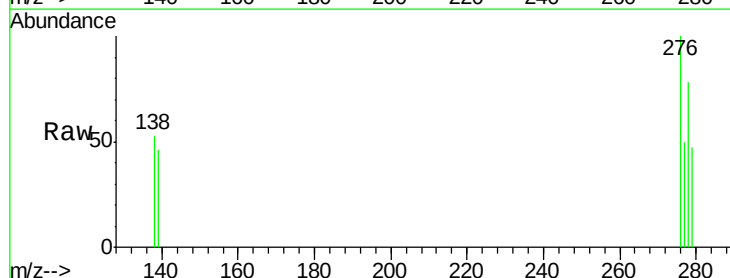
Tgt Ion:278 Resp: 118

Ion Ratio Lower Upper

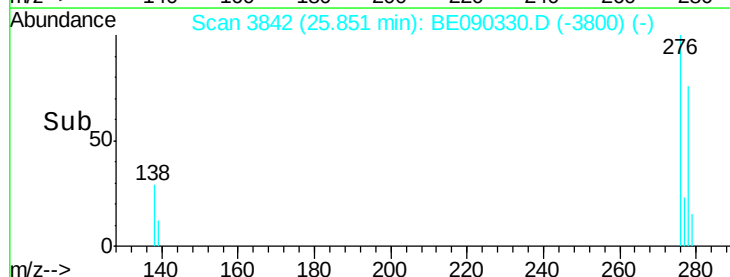
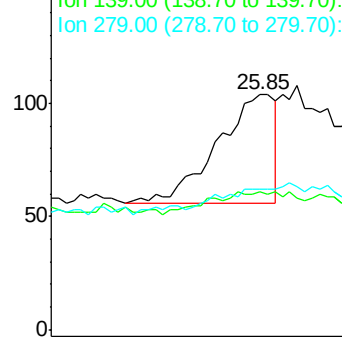
278 100

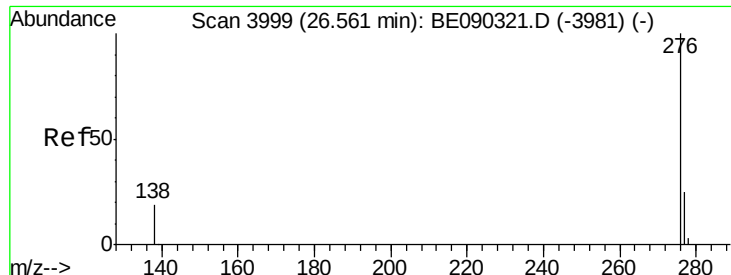
139 58.7 27.8 41.6#

279 59.6 30.9 46.3#



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(a,h,i)perylene

Concen: 3.21 ng

RT: 26.56 min Scan# 3998

Delta R.T. 0.00 min

Lab File: BE090330.D

Acq: 4 Aug 2015 3:50

Instrument :

BNA_E

ClientSampleId :

PB84826BL

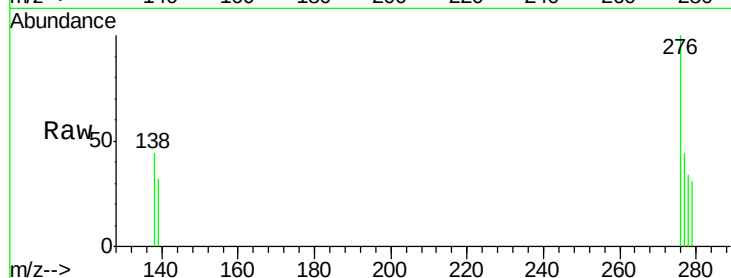
Tot Ion: 276 Resp: 517

Ion Ratio Lower Upper

276 100

277 43.6 25.6 38.4#

138 43.6 22.0 33.0#



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

