

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE063015\
 Data File : BE090038.D
 Acq On : 1 Jul 2015 8:58
 Operator : TP/IZ
 Sample : G2824-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0650006-150626

Quant Time: Jul 01 17:23:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

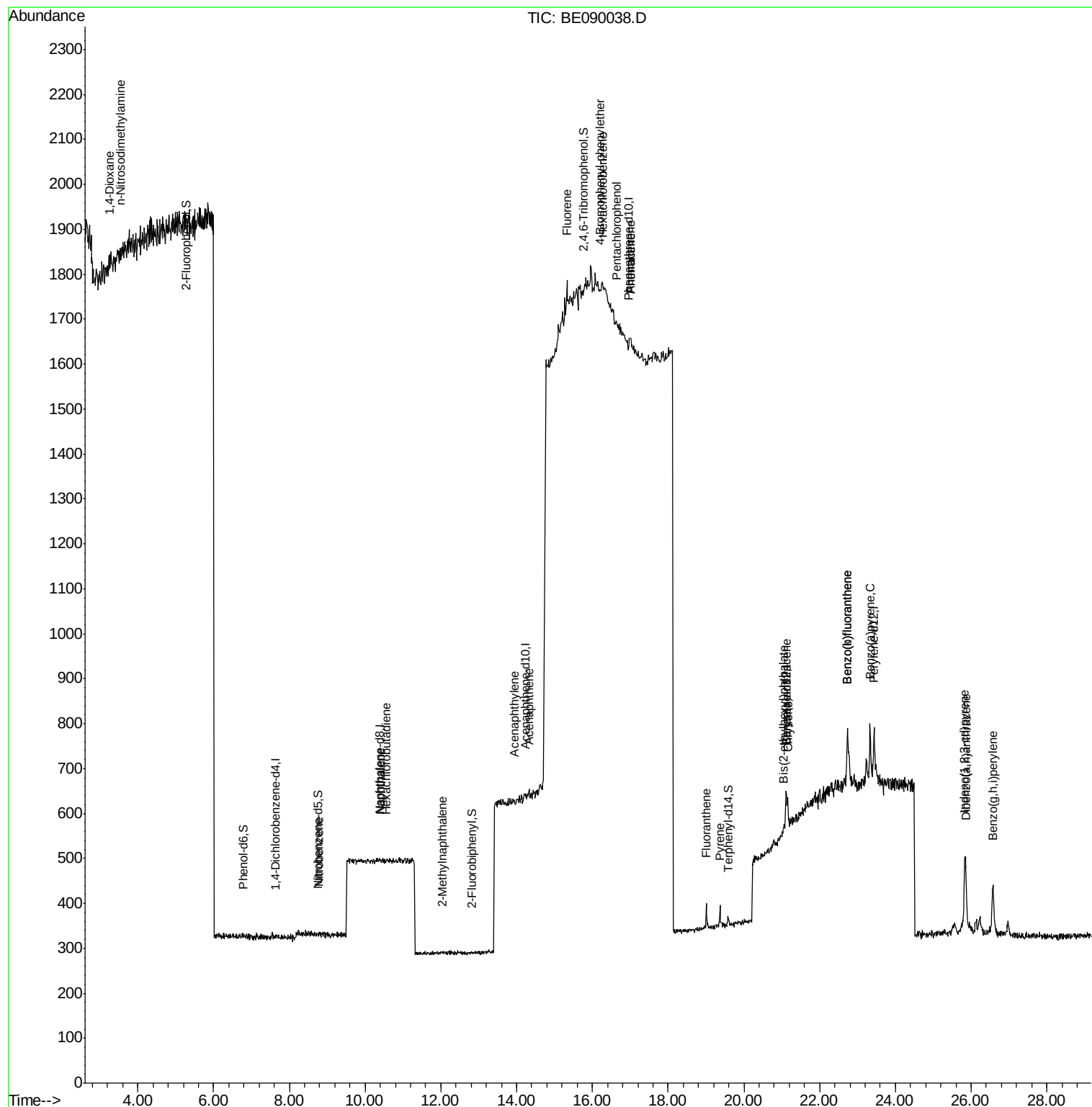
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	9	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	6	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	37	5.00	ng	-0.02
25) Chrysene-d12	21.13	240	78	5.00	ng	0.00
32) Perylene-d12	23.44	264	198	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1	0.87	ng	0.01
5) Phenol-d6	6.79	99	1	0.62	ng	0.00
7) Nitrobenzene-d5	8.74	82	3	4.20	ng	-0.02
13) 2,4,6-Tribromophenol	15.76	330	1	5.69	ng	0.03
14) 2-Fluorobiphenyl	12.83	172	2	1.11	ng	-0.02
27) Terphenyl-d14	19.58	244	22	1.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	6	8.74	ng	# 19
3) n-Nitrosodimethylamine	3.55	42	6	6.45	ng	# 1
8) Nitrobenzene	8.78	77	4	5.27	ng	# 63
9) Naphthalene	10.42	128	5	2.46	ng	# 1
10) Hexachlorobutadiene	10.55	225	4	12.51	ng	# 85
11) 2-Methylnaphthalene	12.03	142	4	2.94	ng	# 55
15) Acenaphthylene	13.95	152	4	0.37	ng	# 60
16) Acenaphthene	14.33	154	4	2.57	ng	# 1
17) Fluorene	15.33	166	17	8.01	ng	# 1
19) 4-Bromophenyl-phenylether	16.20	248	15	9.54	ng	# 69
20) Hexachlorobenzene	16.27	284	6	0.92	ng	# 36
21) Pentachlorophenol	16.65	266	7	8.34	ng	# 55
22) Phenanthrene	17.01	178	66	6.96	ng	# 71
23) Anthracene	17.01	178	54	6.23	ng	# 66
24) Fluoranthene	19.01	202	60	5.67	ng	# 78
26) Pyrene	19.37	202	58	3.12	ng	# 94
28) Benzo(a)anthracene	21.11	228	83	4.26	ng	# 8
29) Chrysene	21.15	228	85	4.20	ng	# 17
30) Bis(2-ethylhexyl)phthalate	21.04	149	9	1.25	ng	# 54
31) Indeno(1,2,3-cd)pyrene	25.83	276	297	15.31	ng	# 80
33) Benzo(b)fluoranthene	22.73	252	330	7.55	ng	# 6
34) Benzo(k)fluoranthene	22.73	252	334	6.84	ng	# 6
35) Benzo(a)pyrene	23.33	252	218	5.40	ng	# 1
36) Dibenzo(a,h)anthracene	25.86	278	121	2.92	ng	# 1
37) Benzo(g,h,i)perylene	26.58	276	309	7.36	ng	# 33

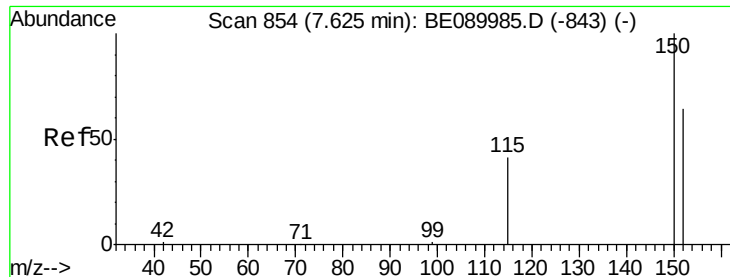
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 855

Delta R.T. 0.00 min

Lab File: BE090038.D

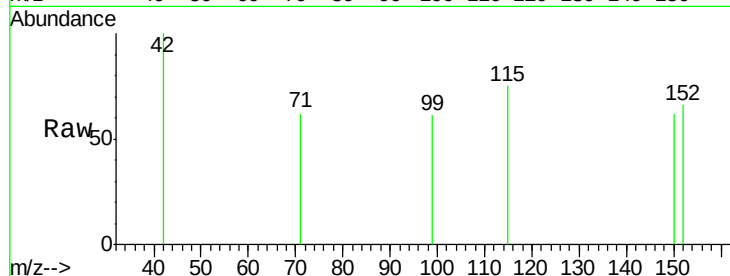
Acq: 1 Jul 2015 8:58

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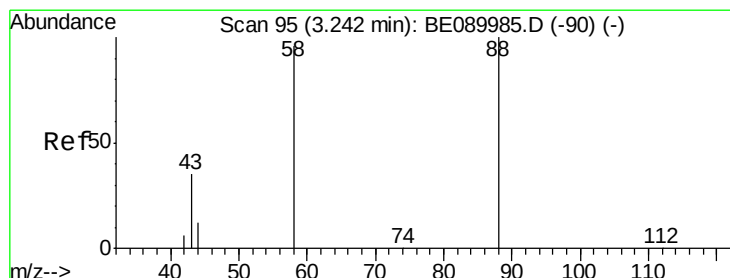
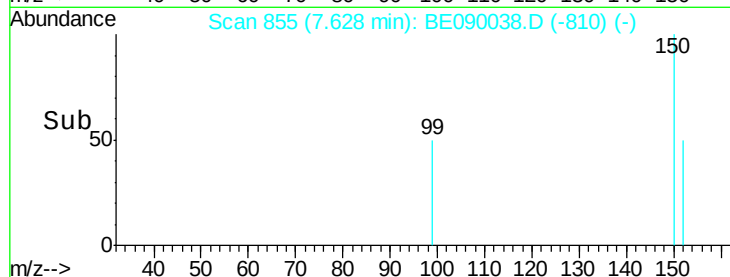
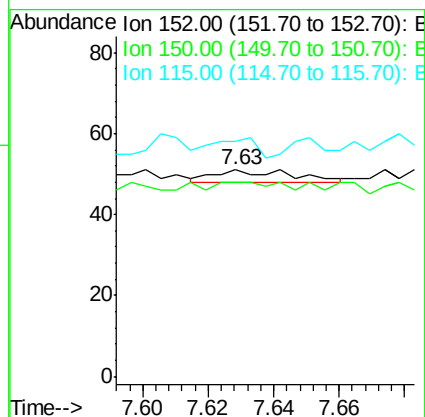
Tgt Ion: 152 Resp: 5

Ion Ratio Lower Upper

152 100

150 94.1 123.9 185.9#

115 113.7 50.6 76.0#



#2

1,4-Dioxane

Concen: 8.74 ng

RT: 3.24 min Scan# 95

Delta R.T. 0.00 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

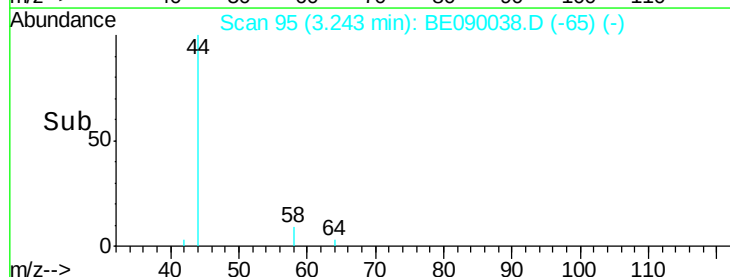
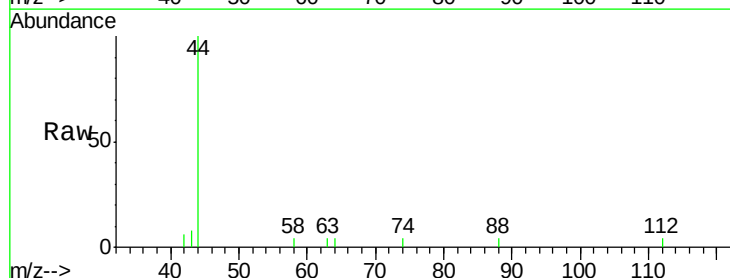
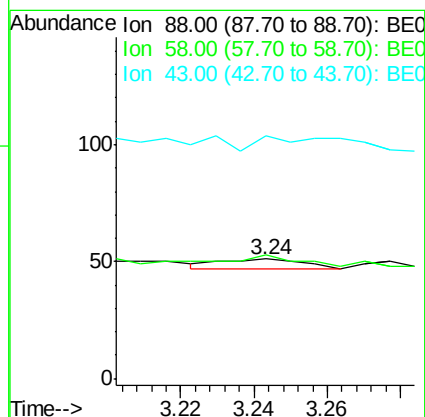
Tgt Ion: 88 Resp: 6

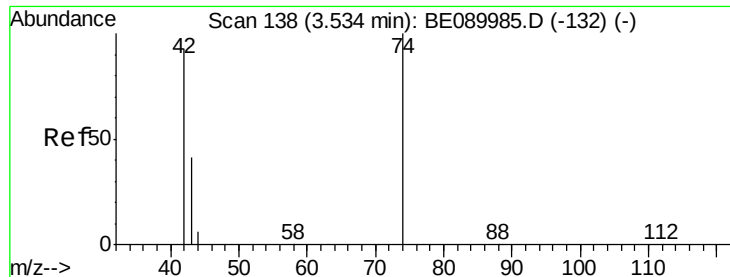
Ion Ratio Lower Upper

88 100

58 100.0 70.9 106.3

43 183.3 27.6 41.4#





#3

n-Nitrosodimethylamine

Concen: 6.45 ng

RT: 3.55 min Scan# 140

Delta R.T. 0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

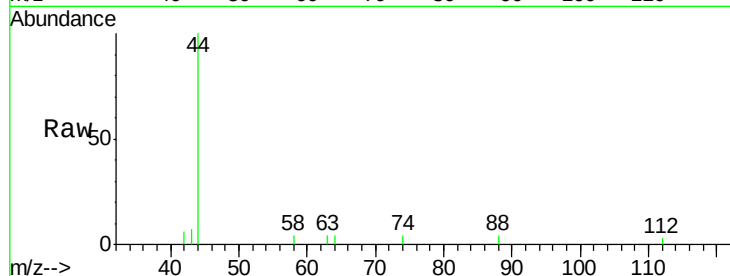
Instrument :

BNA_E

ClientSampleId :

X1SS0650006-150626

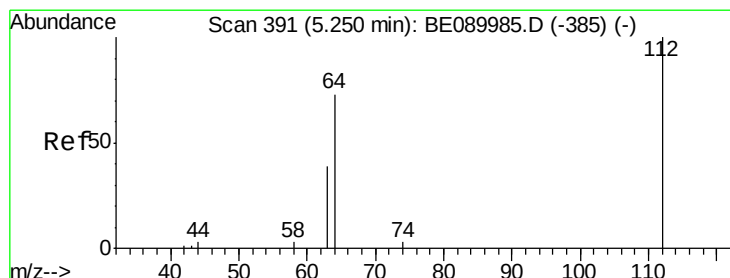
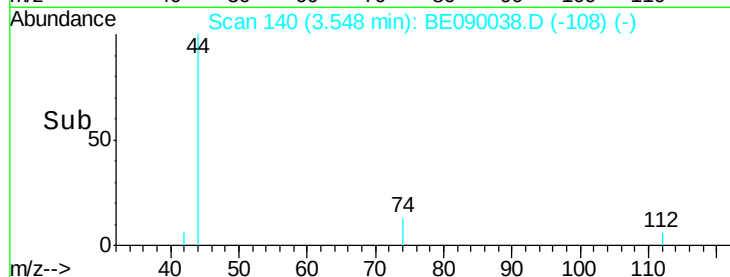
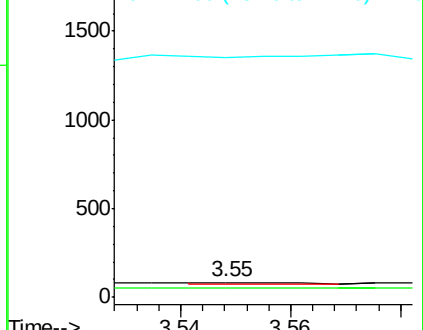
Tgt Ion:	42	Resp:	6
Ion	Ratio	Lower	Upper
42	100		
74	50.0	89.4	134.2#
44	400.0	6.9	10.3#



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: 0.87 ng

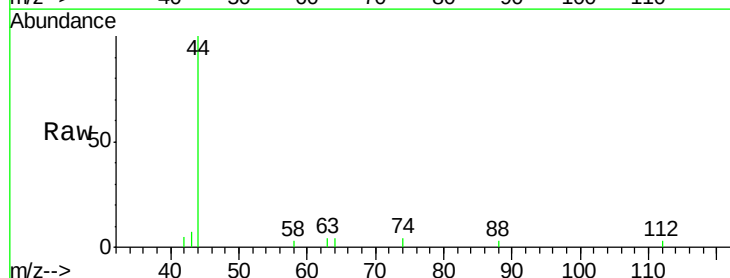
RT: 5.26 min Scan# 393

Delta R.T. 0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

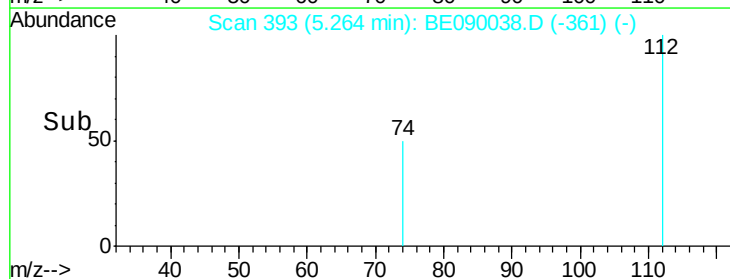
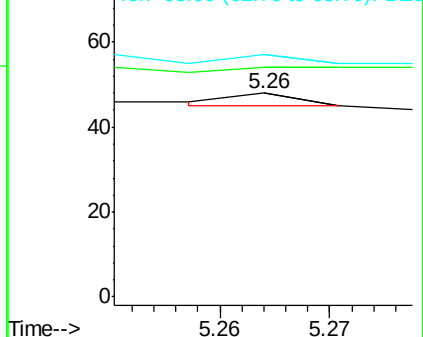
Tgt Ion:	112	Resp:	1
Ion	Ratio	Lower	Upper
112	100		
64	100.0	56.3	84.5#
63	0.0	29.8	44.6#

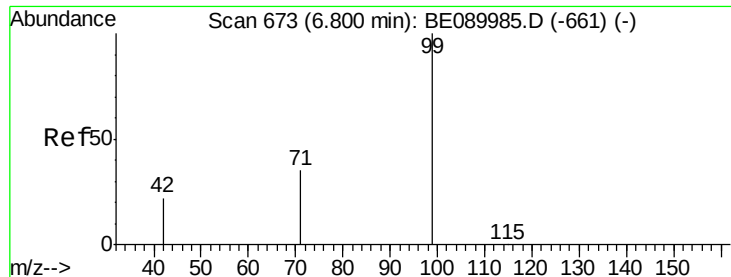


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.62 ng

RT: 6.79 min Scan# 672

Delta R.T. -0.01 min

Lab File: BE090038.D

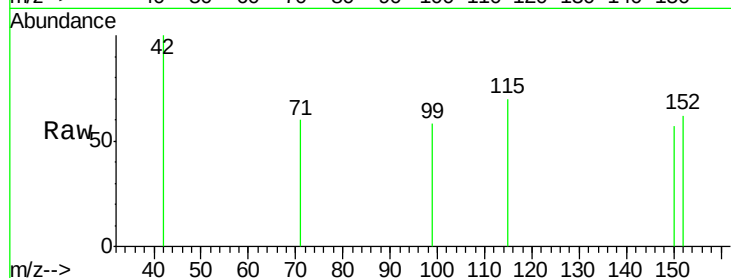
Acq: 1 Jul 2015 8:58

Instrument :

BNA_E

ClientSampleId :

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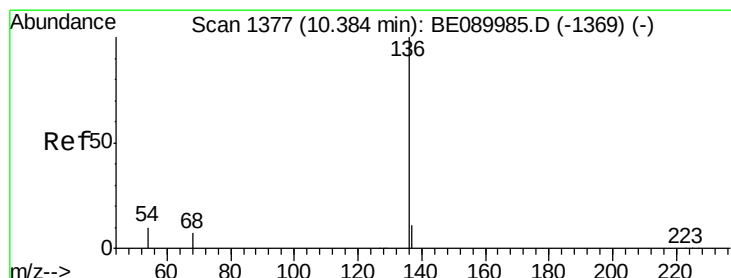
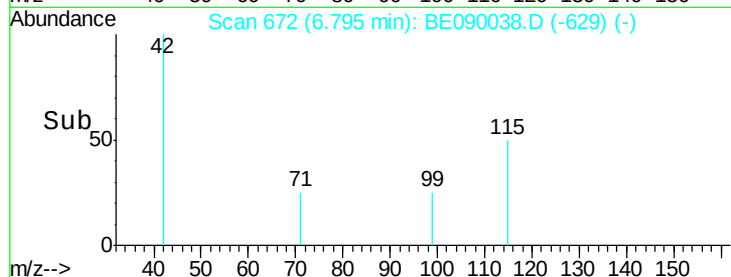
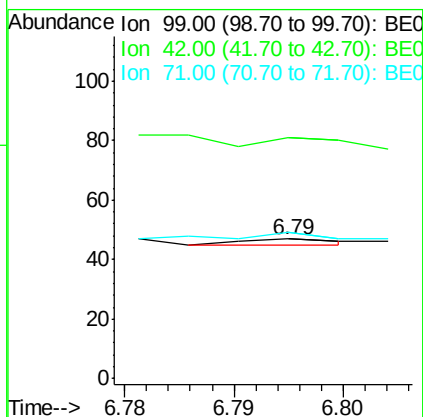
Tgt Ion: 99 Resp: 1

Ion Ratio Lower Upper

99 100

42 0.0 18.7 28.1#

71 100.0 27.5 41.3#



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

Tgt Ion: 136 Resp: 9

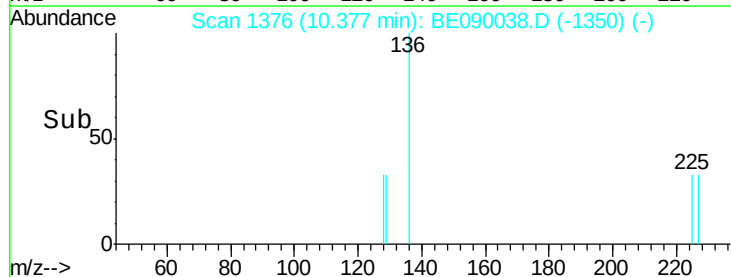
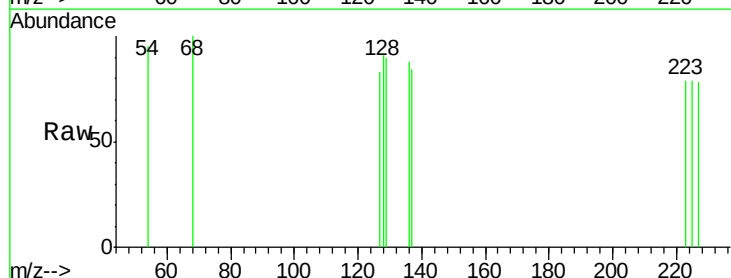
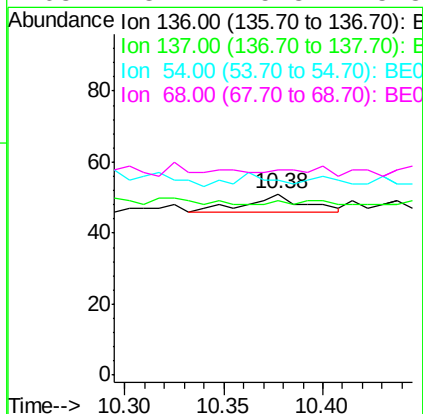
Ion Ratio Lower Upper

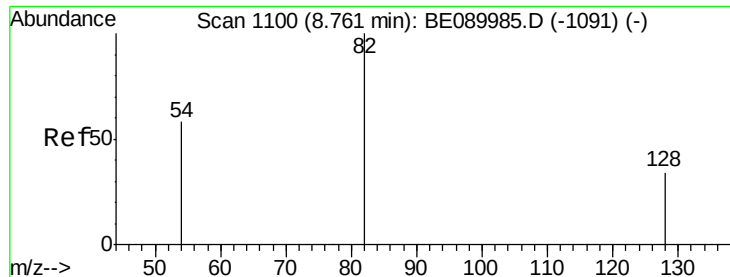
136 100

137 96.1 8.9 13.3#

54 107.8 8.2 12.4#

68 113.7 5.8 8.8#





#7

Nitrobenzene-d5

Concen: 4.20 ng

RT: 8.74 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BE090038.D

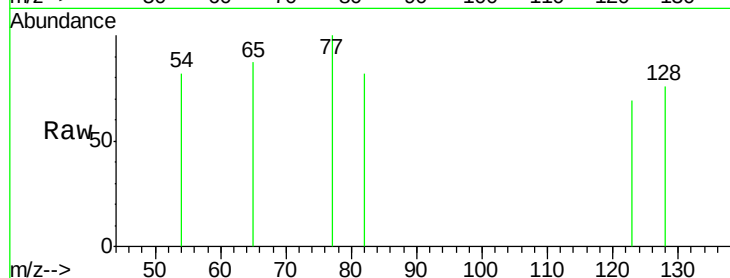
Acq: 1 Jul 2015 8:58

Instrument :

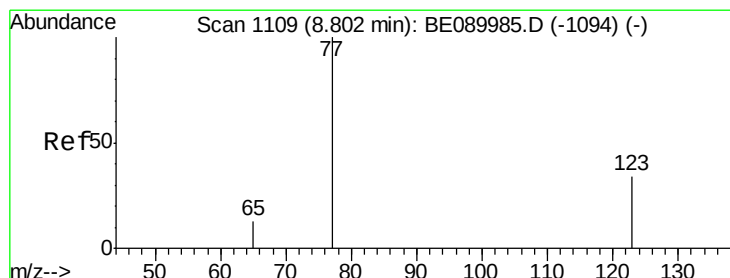
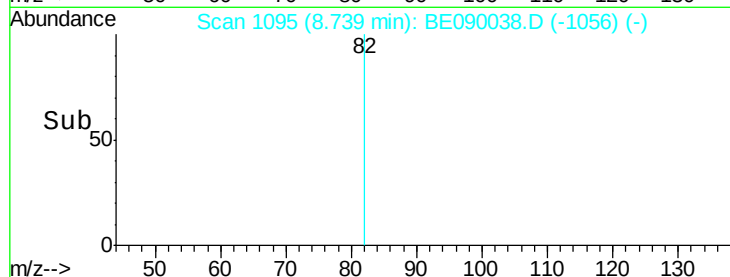
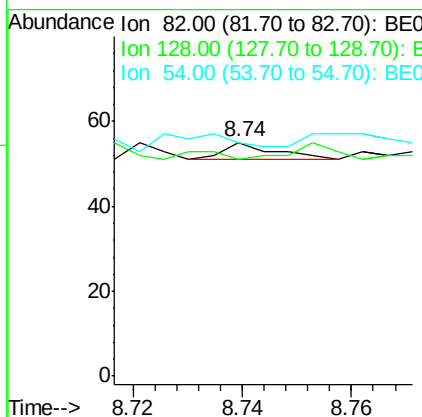
BNA_E

ClientSampleId :

X1SS0650006-150626



Tgt Ion:	82	Resp:	3
Ion	Ratio	Lower	Upper
82	100		
128	92.7	28.0	42.0#
54	100.0	47.6	71.4#



#8

Nitrobenzene

Concen: 5.27 ng

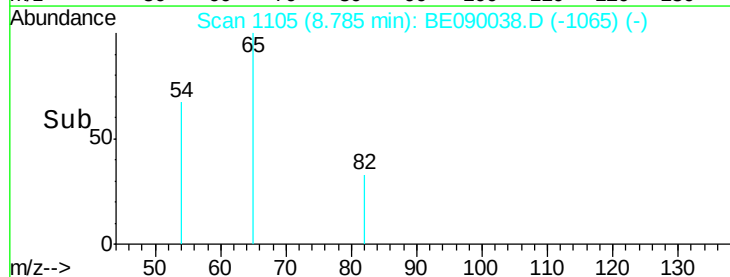
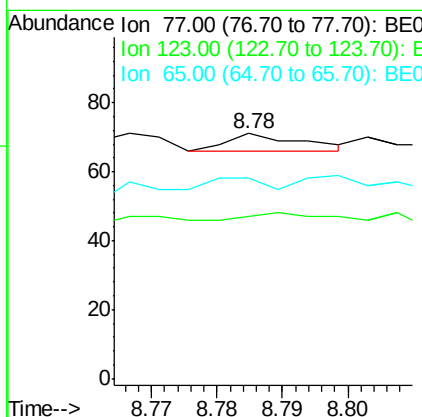
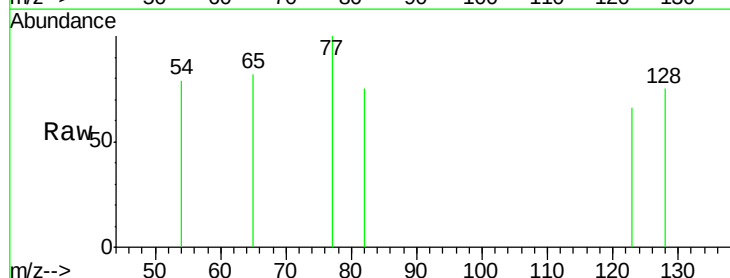
RT: 8.78 min Scan# 1105

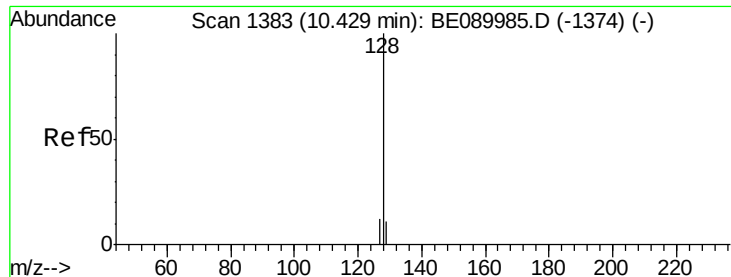
Delta R.T. -0.02 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

Tgt Ion:	77	Resp:	4
Ion	Ratio	Lower	Upper
77	100		
123	25.0	27.4	41.0#
65	50.0	10.6	15.8#





#9

Naphthalene

Concen: 2.46 ng

RT: 10.42 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BE090038.D

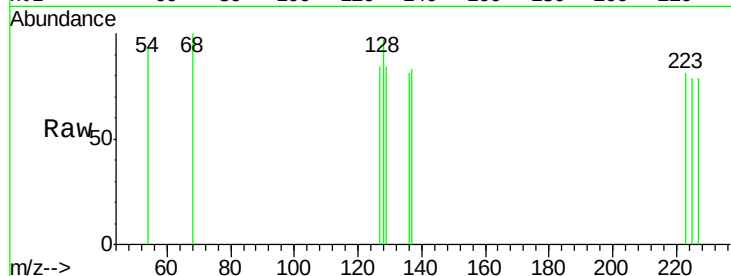
Acq: 1 Jul 2015 8:58

Instrument :

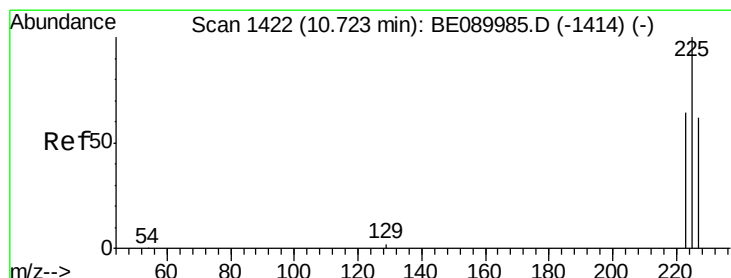
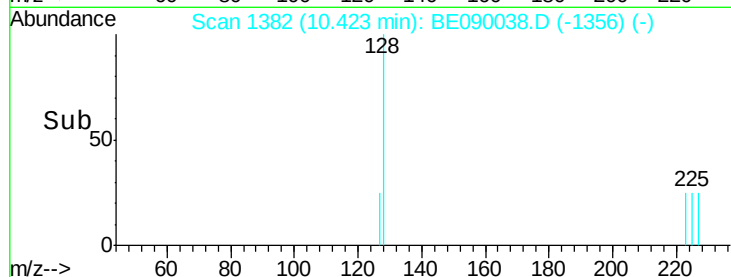
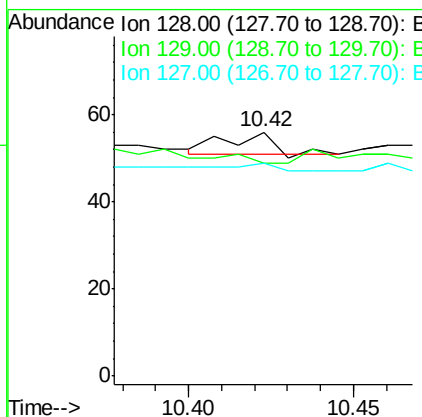
BNA_E

ClientSampleId :

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Tgt Ion:	128	Resp:	5
Ion	Ratio	Lower	Upper
128	100		
129	87.5	9.3	13.9#
127	87.5	10.2	15.4#



#10

Hexachlorobutadiene

Concen: 12.51 ng

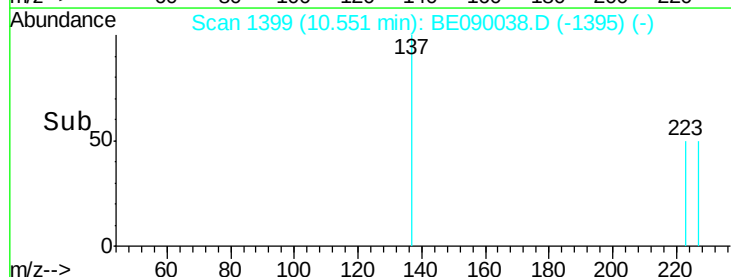
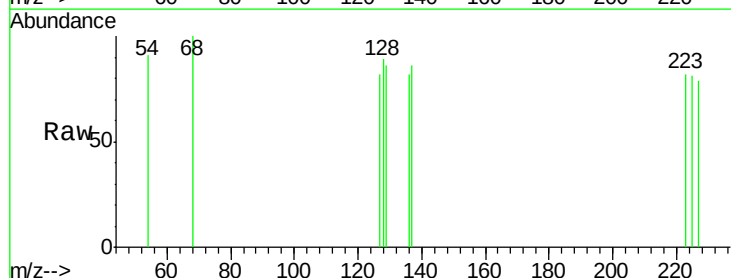
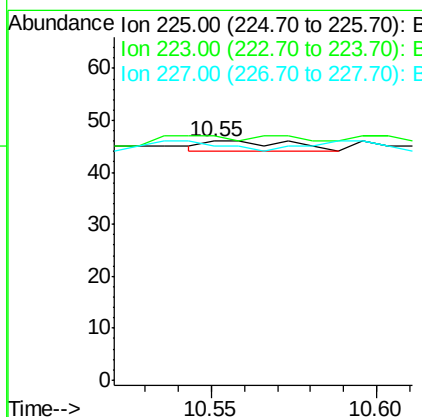
RT: 10.55 min Scan# 1399

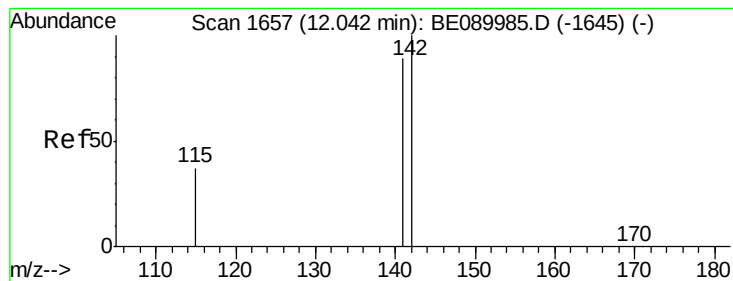
Delta R.T. -0.17 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

Tgt Ion:	225	Resp:	4
Ion	Ratio	Lower	Upper
225	100		
223	75.0	50.1	75.1
227	75.0	50.9	76.3





#11

2-Methylnaphthalene

Concen: 2.94 ng

RT: 12.03 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

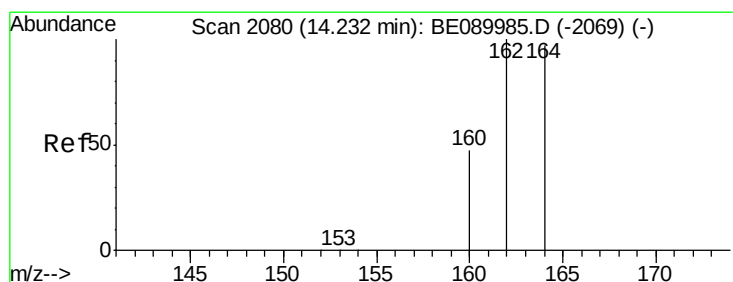
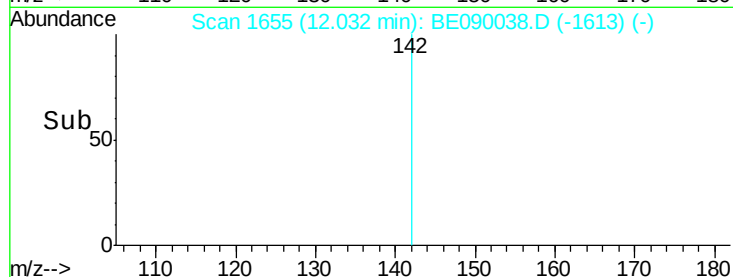
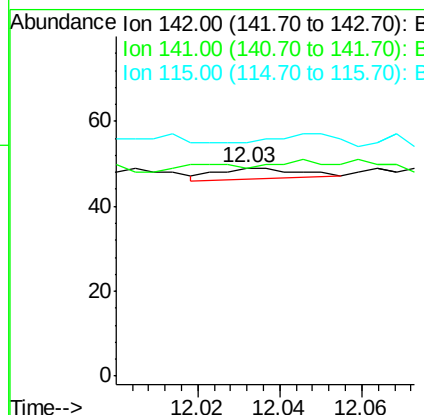
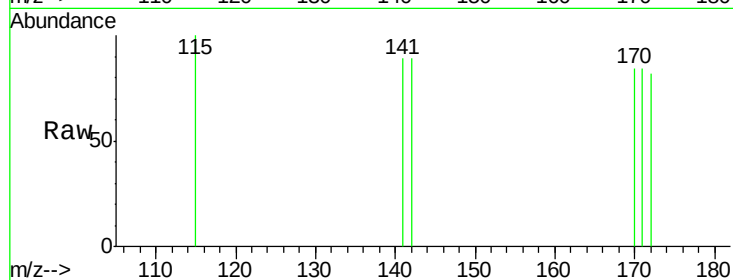
Instrument :

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Tgt Ion:	142	Resp:	4
Ion	Ratio	Lower	Upper
142	100		
141	100.0	71.3	106.9
115	112.2	30.4	45.6#



#12

Acenaphthene-d10

Concen: 5.00 ng

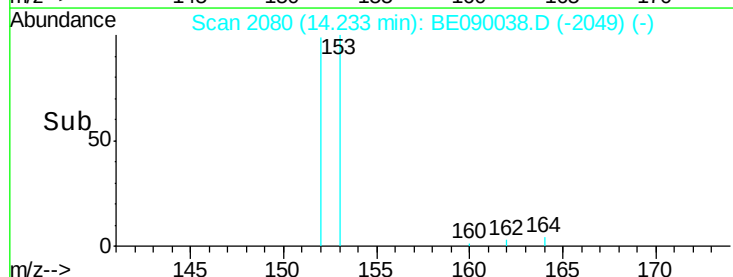
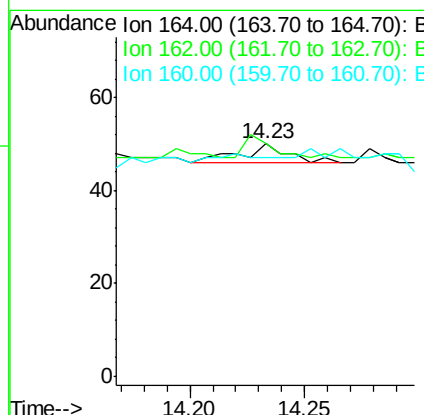
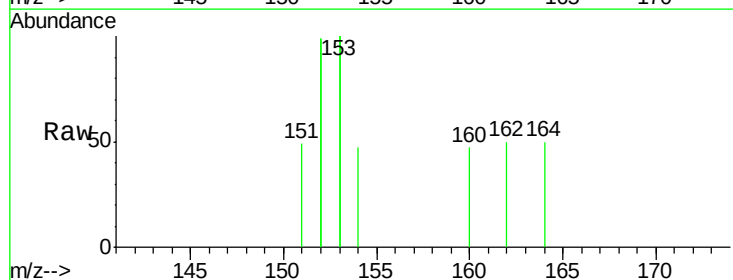
RT: 14.23 min Scan# 2080

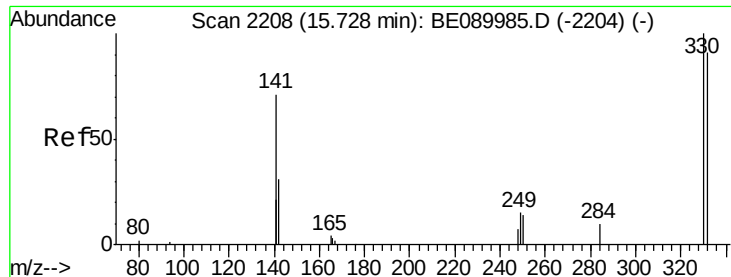
Delta R.T. 0.00 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

Tgt Ion:	164	Resp:	6
Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.2	123.4
160	94.0	39.0	58.6#

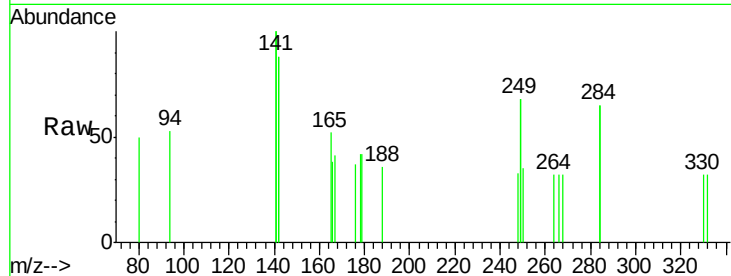




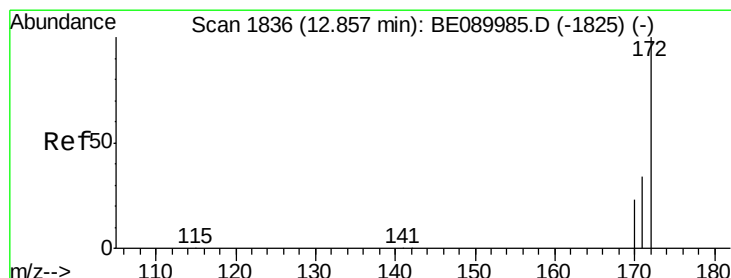
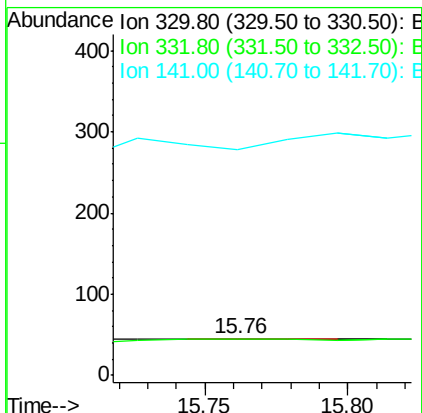
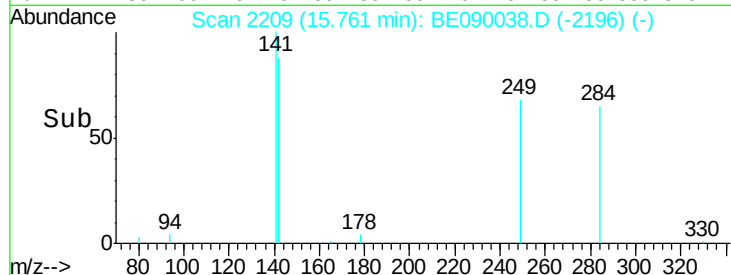
#13
 2,4,6-Tribromophenol
 Concen: 5.69 ng
 RT: 15.76 min Scan# 2209
 Delta R.T. 0.03 min
 Lab File: BE090038.D
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 X1SS0650006-150626

Tgt Ion: 330 Resp: 1
 Ion Ratio Lower Upper
 330 100
 332 300.0 76.4 114.6#
 141 0.0 130.3 195.5#

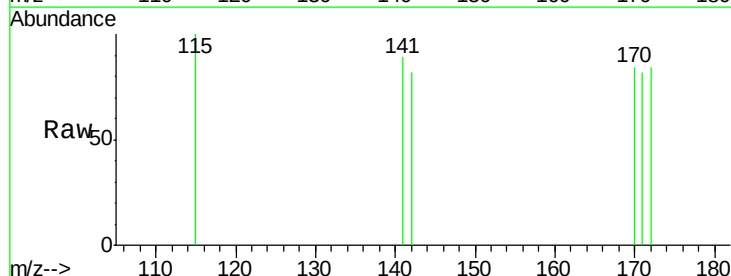


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

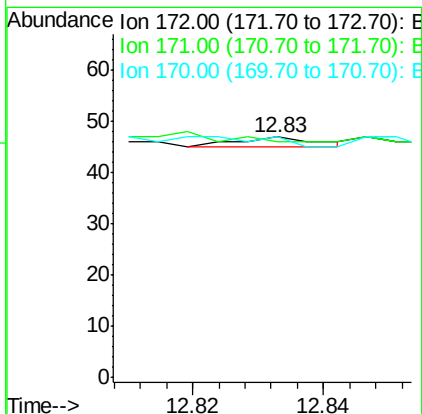
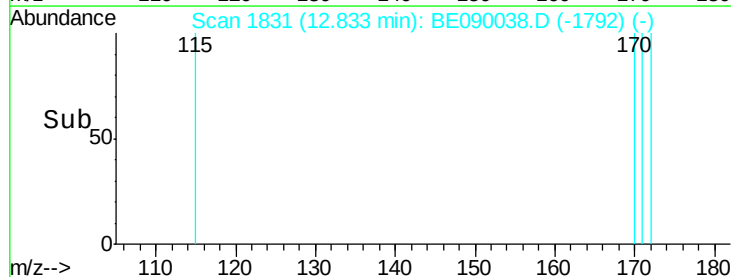


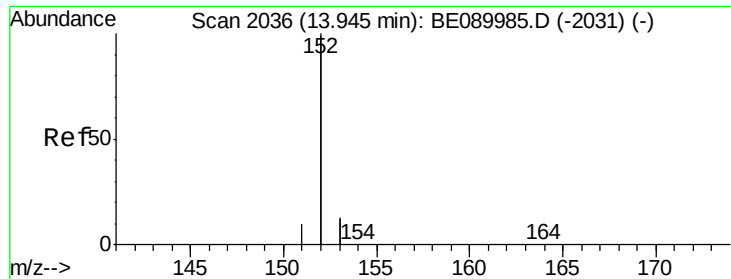
#14
 2-Fluorobiphenyl
 Concen: 1.11 ng
 RT: 12.83 min Scan# 1831
 Delta R.T. -0.02 min
 Lab File: BE090038.D
 Acq: 1 Jul 2015 8:58

Tgt Ion: 172 Resp: 2
 Ion Ratio Lower Upper
 172 100
 171 97.9 27.8 41.6#
 170 100.0 18.3 27.5#



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.37 ng

RT: 13.95 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

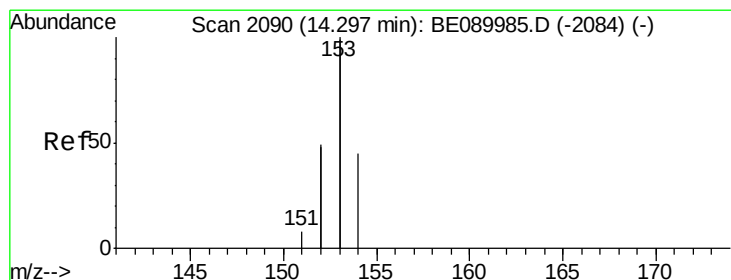
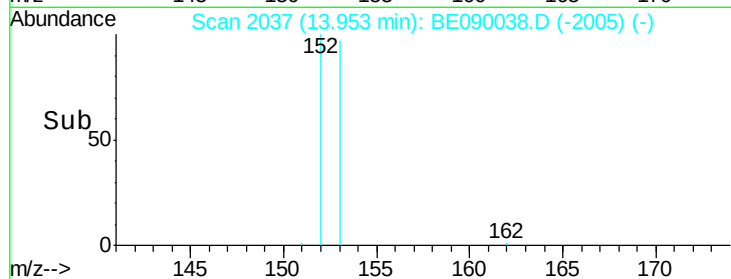
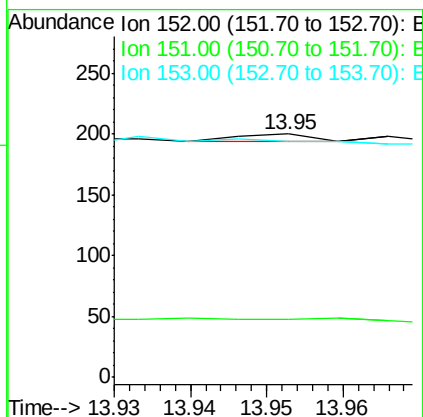
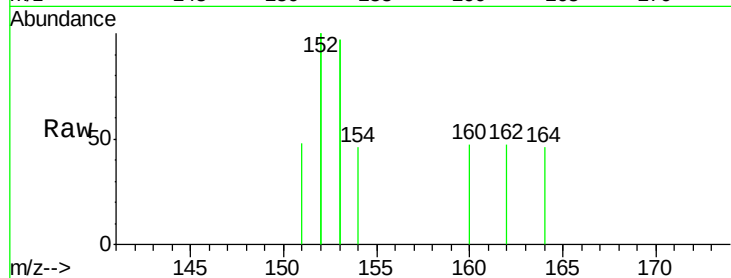
Instrument :

BNA_E

ClientSampleId :

X1SS0650006-150626

Tgt Ion:	152	Resp:	4
Ion	Ratio	Lower	Upper
152	100		
151	25.0	3.9	5.9#
153	0.0	10.4	15.6#



#16

Acenaphthene

Concen: 2.57 ng

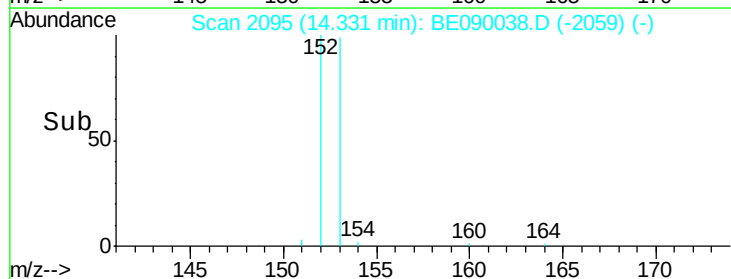
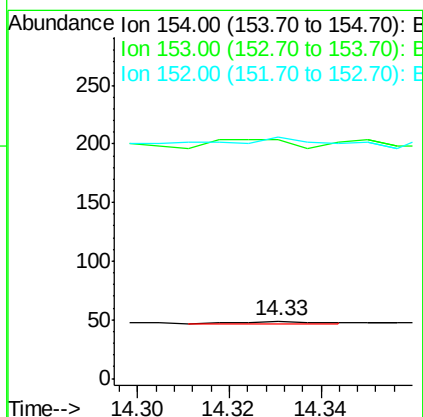
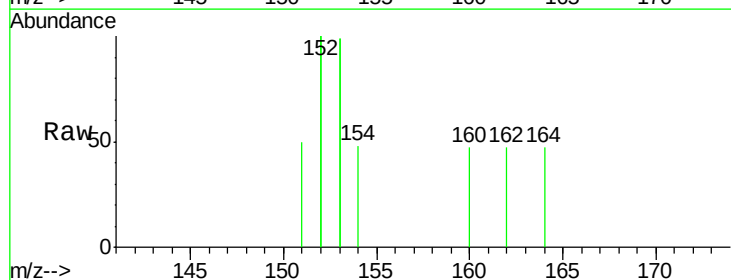
RT: 14.33 min Scan# 2095

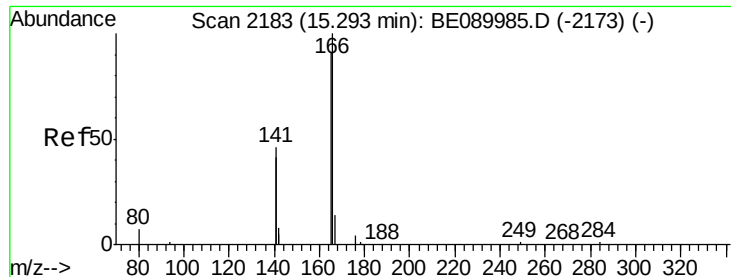
Delta R.T. 0.03 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

Tgt Ion:	154	Resp:	4
Ion	Ratio	Lower	Upper
154	100		
153	225.0	358.6	538.0#
152	0.0	189.6	284.4#

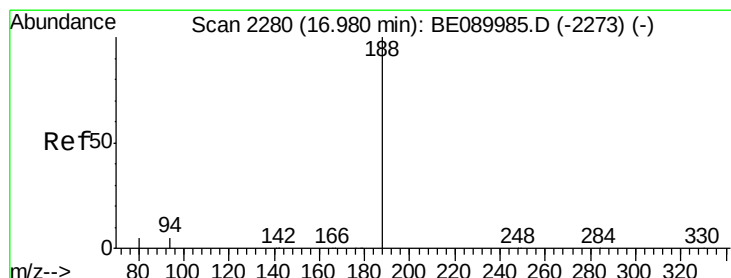
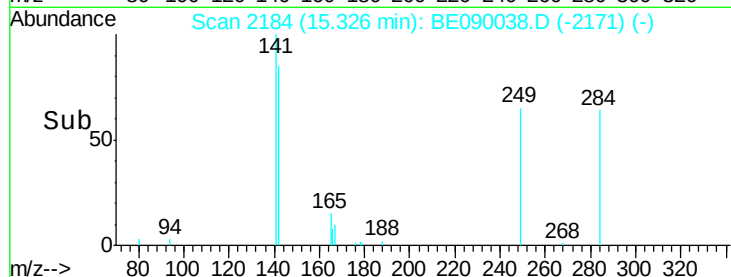
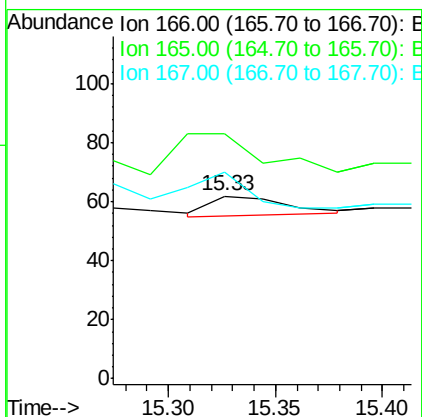
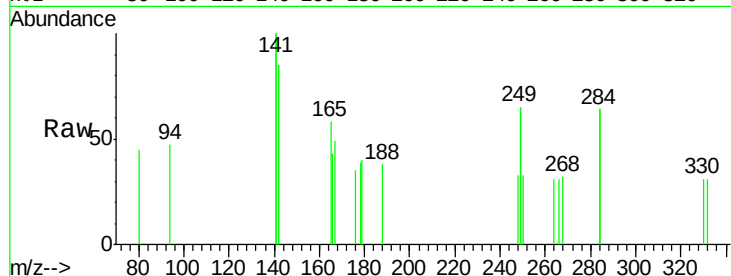




#17
Fluorene
Concen: 8.01 ng
RT: 15.33 min Scan# 2184
Delta R.T. 0.03 min
Lab File: BE090038.D
Acq: 1 Jul 2015 8:58

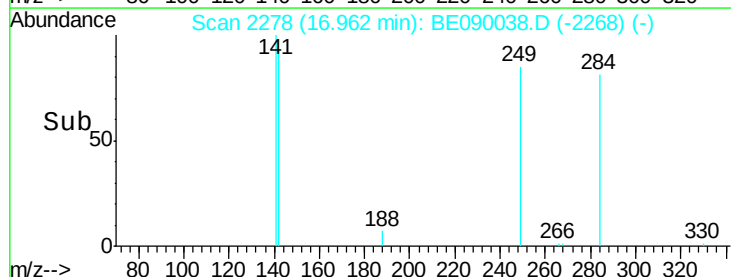
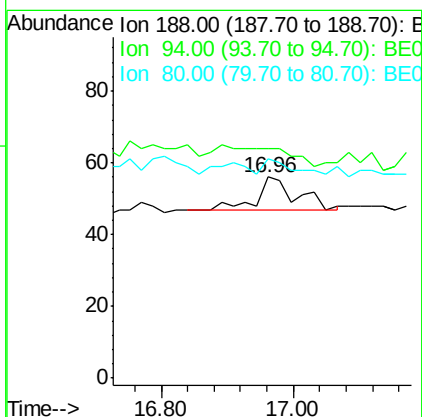
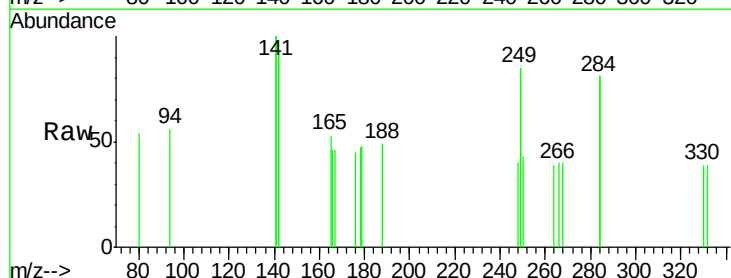
Instrument :
BNA_E
ClientSampleId :
X1SS0650006-150626

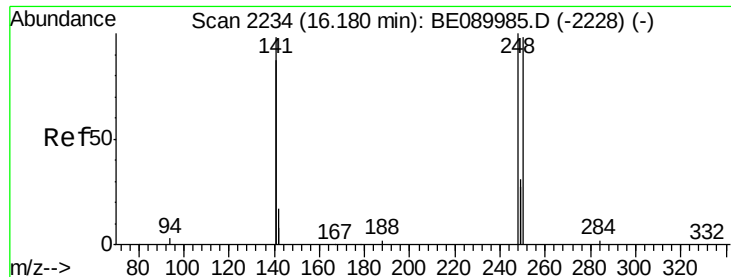
Tgt Ion:166 Resp: 17
Ion Ratio Lower Upper
166 100
165 417.6 79.0 118.6#
167 341.2 11.8 17.8#



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090038.D
Acq: 1 Jul 2015 8:58

Tgt Ion:188 Resp: 37
Ion Ratio Lower Upper
188 100
94 114.3 4.1 6.1#
80 108.9 4.2 6.2#

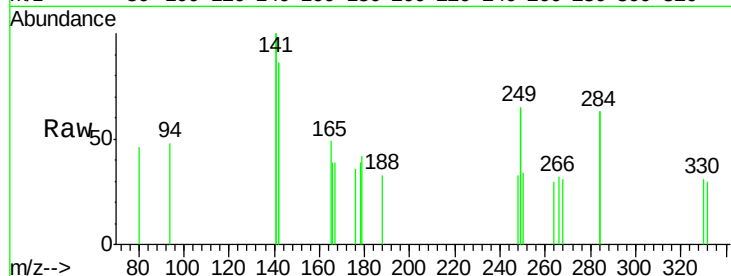




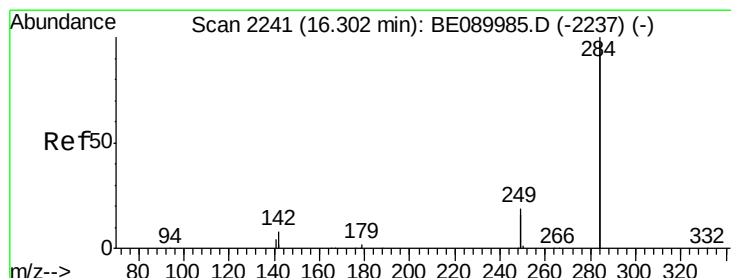
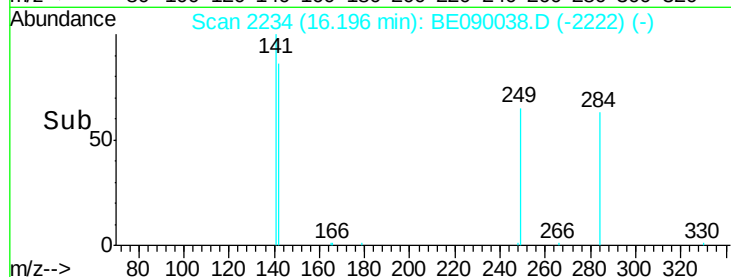
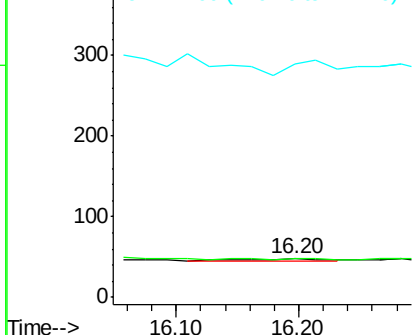
#19
4-Bromophenyl-phenylether
Concen: 9.54 ng
RT: 16.20 min Scan# 2234
Delta R.T. 0.02 min
Lab File: BE090038.D
Acq: 1 Jul 2015 8:58

Instrument :
BNA_E
ClientSampleId :
X1SS0650006-150626

Tgt Ion:248 Resp: 15
Ion Ratio Lower Upper
248 100
250 26.7 78.3 117.5#
141 346.7 248.1 372.1

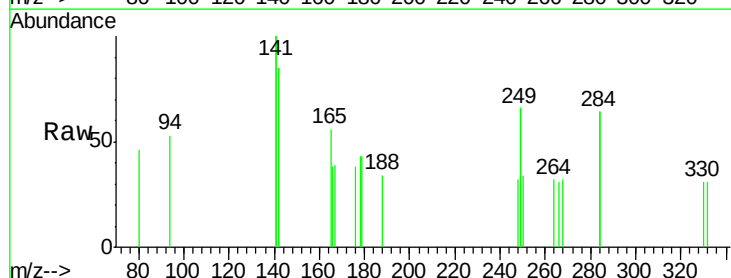


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

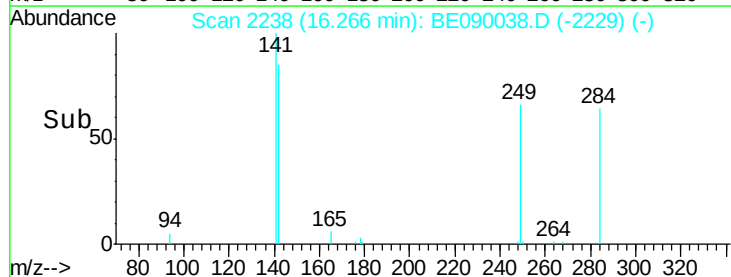
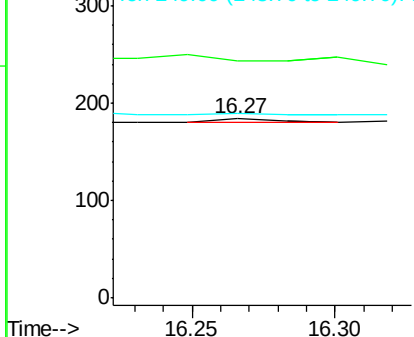


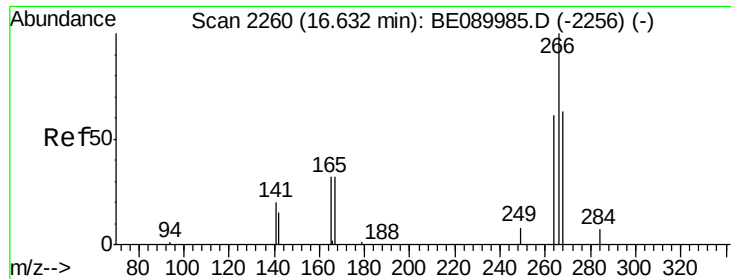
#20
Hexachlorobenzene
Concen: 0.92 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.04 min
Lab File: BE090038.D
Acq: 1 Jul 2015 8:58

Tgt Ion:284 Resp: 6
Ion Ratio Lower Upper
284 100
142 0.0 32.6 49.0#
249 66.7 25.5 38.3#



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





#21

Pentachlorophenol

Concen: 8.34 ng

RT: 16.65 min Scan# 2260

Delta R.T. 0.02 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

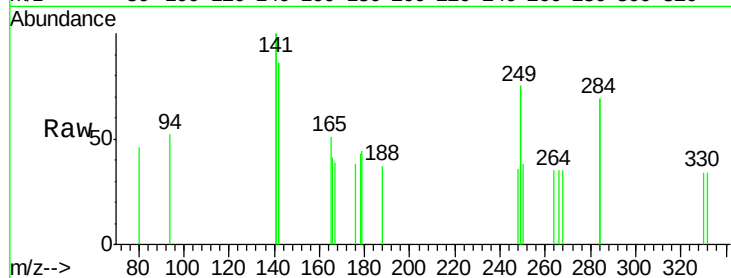
Instrument :

BNA_E

ClientSampleId :

X1SS0650006-150626

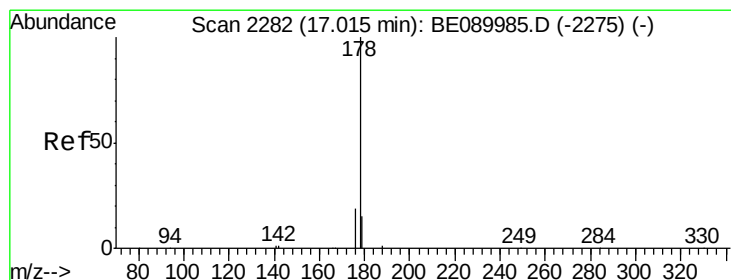
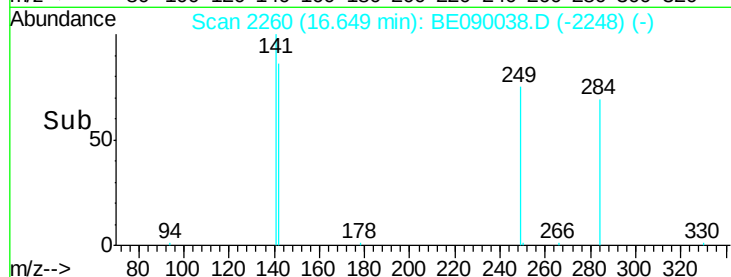
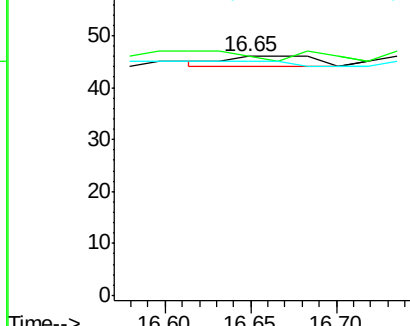
Tgt Ion:	266	Resp:	7
Ion	Ratio	Lower	Upper
266	100		
268	100.0	51.8	77.8#
264	97.8	50.2	75.2#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 6.96 ng

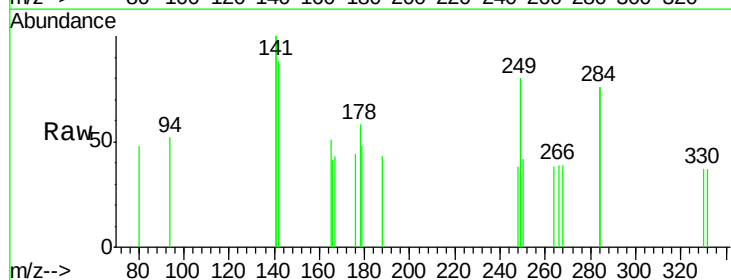
RT: 17.01 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

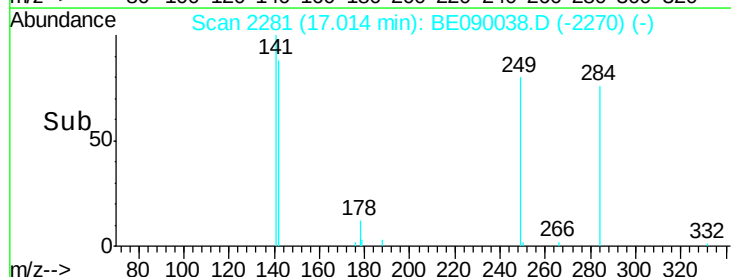
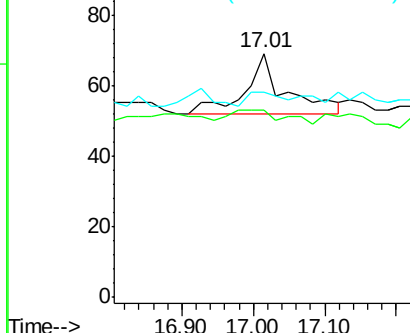
Tgt Ion:	178	Resp:	66
Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.3	22.9#
179	21.2	12.4	18.6#

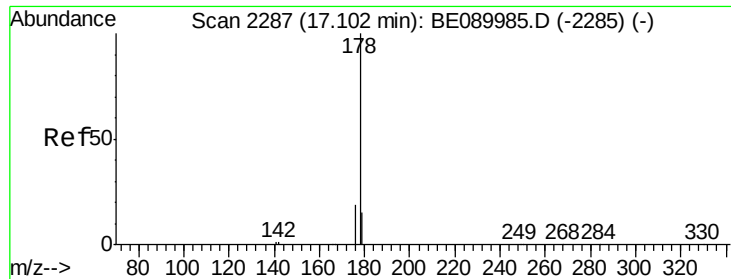


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 6.23 ng

RT: 17.01 min Scan# 2281

Delta R.T. -0.09 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

Instrument :

BNA_E

ClientSampleId :

X1SS0650006-150626

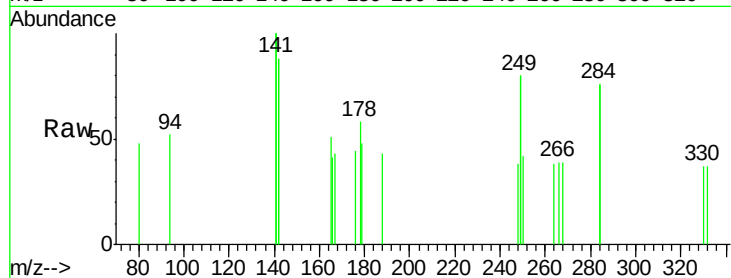
Tgt Ion:178 Resp: 54

Ion Ratio Lower Upper

178 100

176 0.0 14.7 22.1#

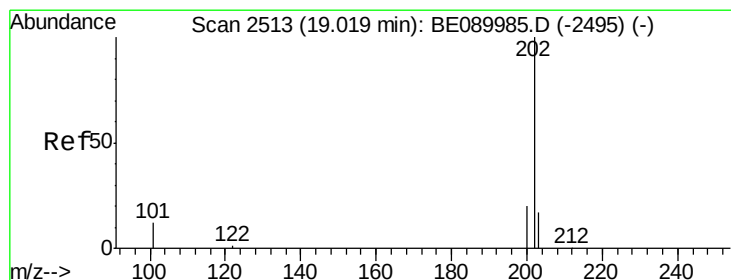
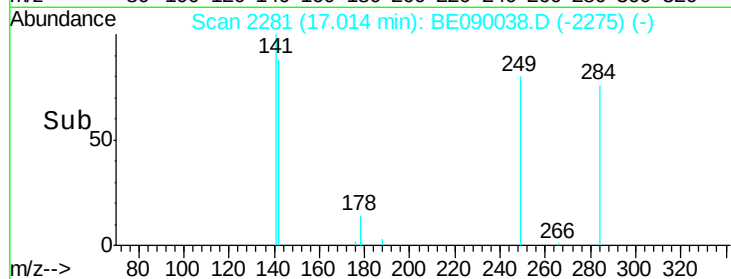
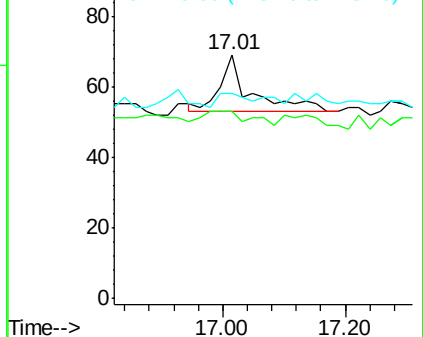
179 25.9 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 5.67 ng

RT: 19.01 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

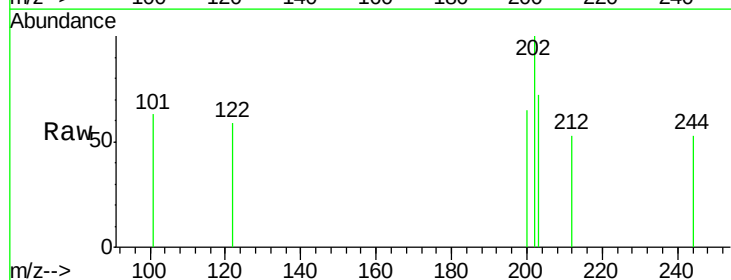
Tgt Ion:202 Resp: 60

Ion Ratio Lower Upper

202 100

101 21.7 10.6 15.8#

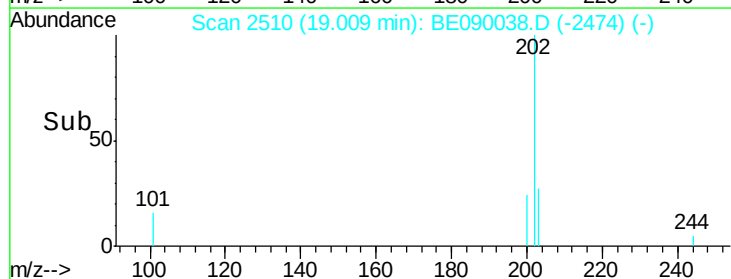
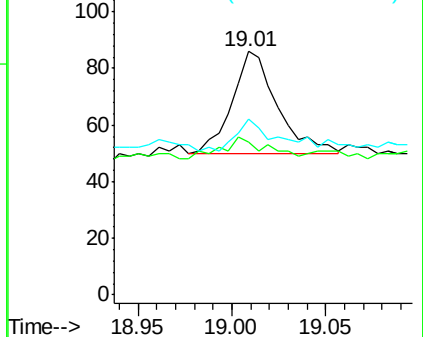
203 26.7 13.8 20.6#

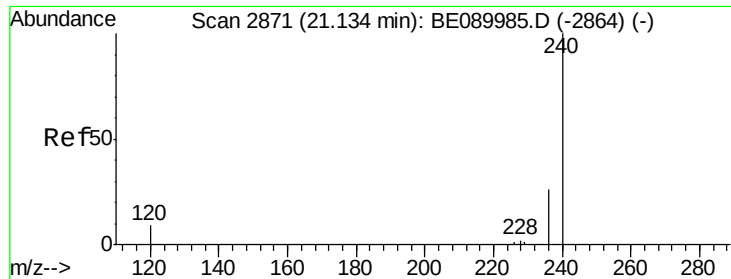


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.13 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

Instrument :

BNA_E

ClientSampleId :

X1SS0650006-150626

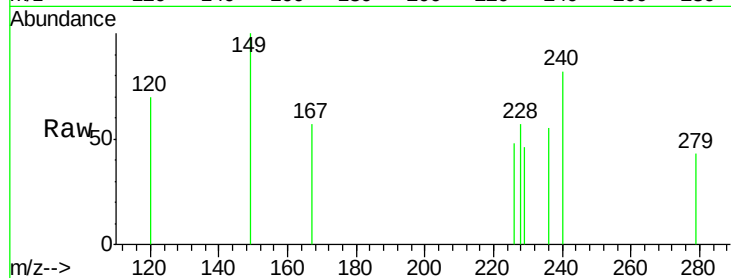
Tgt Ion:240 Resp: 78

Ion Ratio Lower Upper

240 100

120 86.2 6.9 10.3#

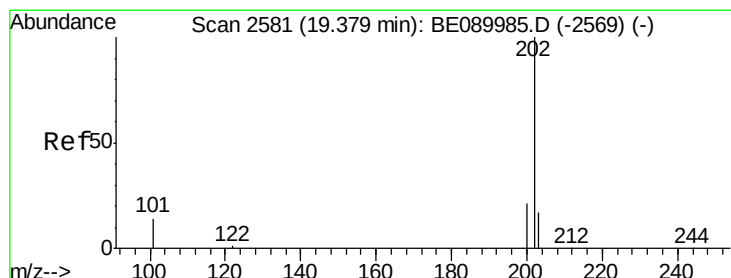
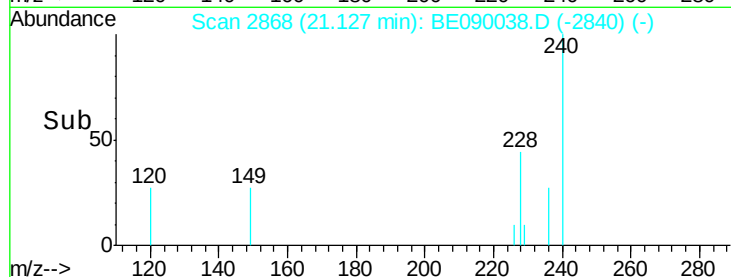
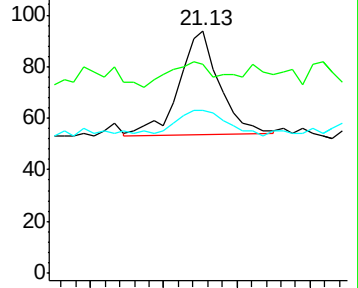
236 67.0 20.8 31.2#



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: 3.12 ng

RT: 19.37 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

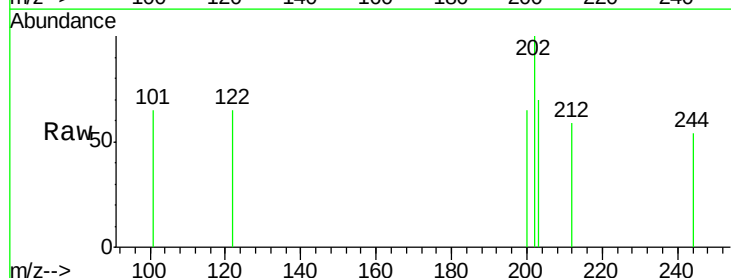
Tgt Ion:202 Resp: 58

Ion Ratio Lower Upper

202 100

200 17.2 16.8 25.2

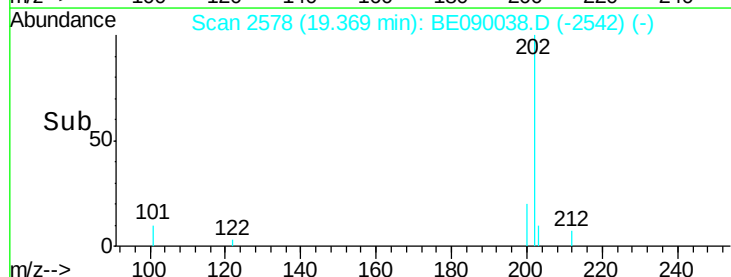
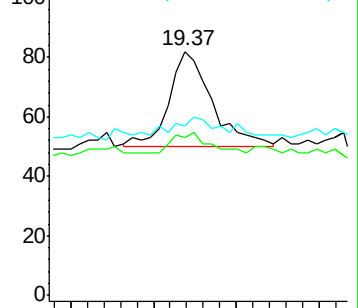
203 15.5 13.9 20.9

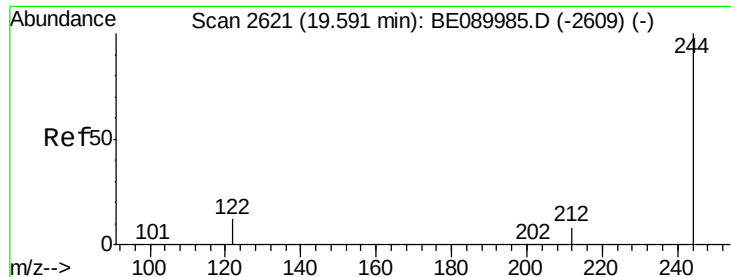


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 1.69 ng

RT: 19.58 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

Instrument :

BNA_E

ClientSampleId :

X1SS0650006-150626

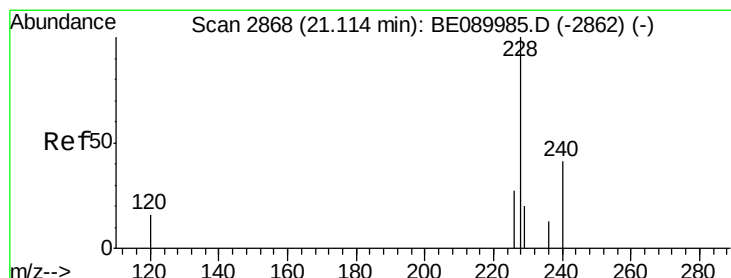
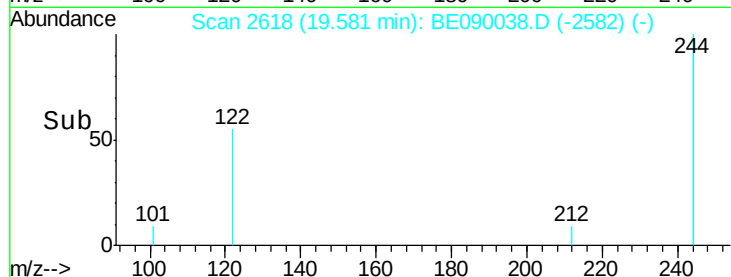
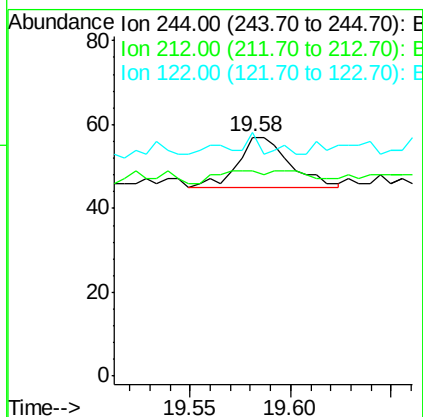
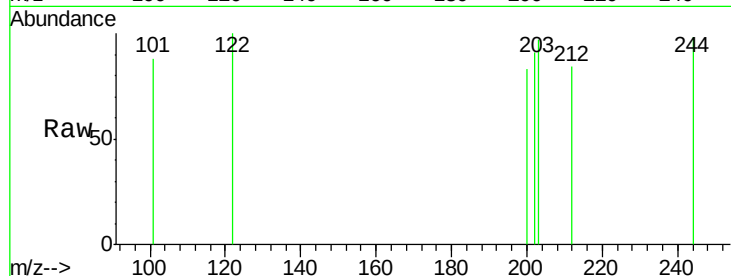
Tgt Ion:244 Resp: 22

Ion Ratio Lower Upper

244 100

212 86.0 6.6 9.8#

122 101.8 9.8 14.8#



#28

Benzo(a)anthracene

Concen: 4.26 ng

RT: 21.11 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

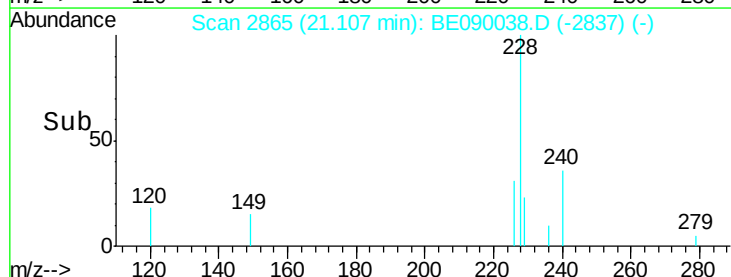
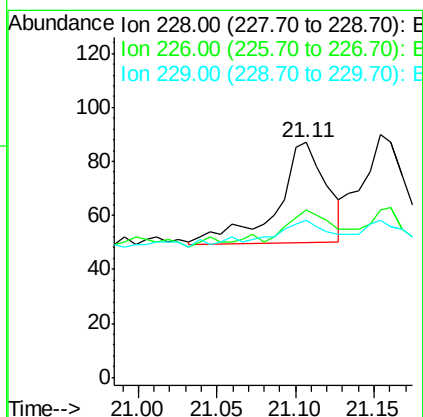
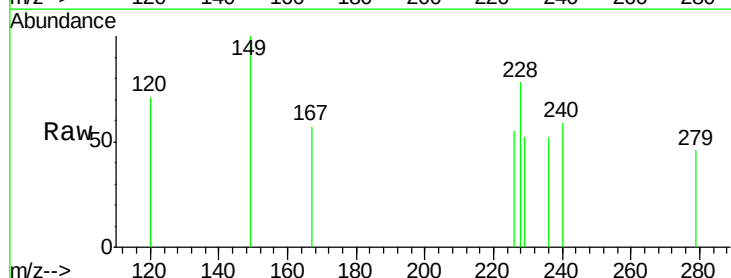
Tgt Ion:228 Resp: 83

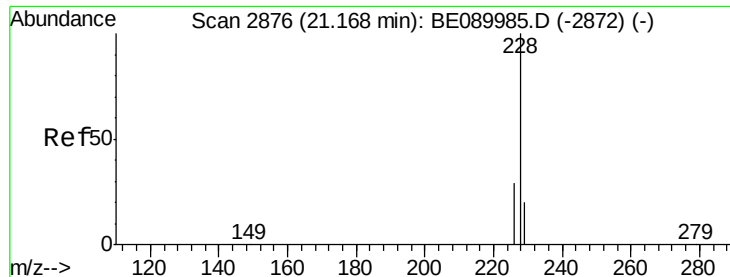
Ion Ratio Lower Upper

228 100

226 71.3 21.8 32.6#

229 66.7 15.8 23.6#





#29

Chrysene

Concen: 4.20 ng

RT: 21.15 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

Instrument :

BNA_E

ClientSampleId :

X1SS0650006-150626

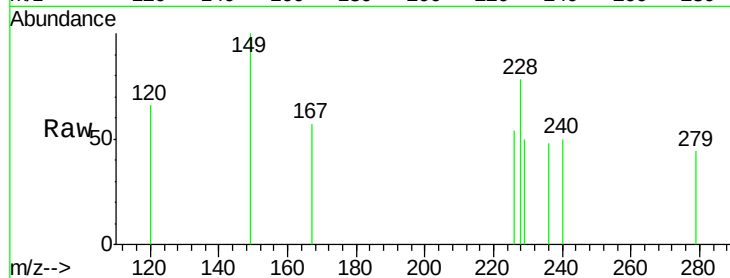
Tgt Ion: 228 Resp: 85

Ion Ratio Lower Upper

228 100

226 68.9 23.4 35.0#

229 64.4 16.2 24.2#



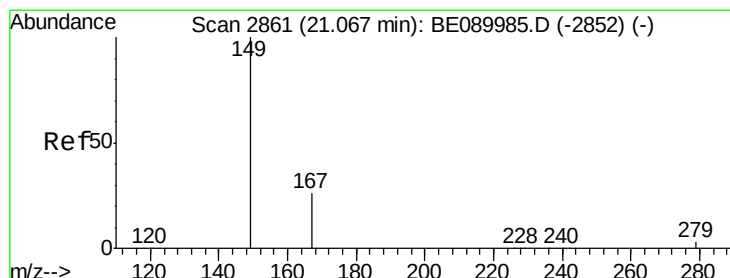
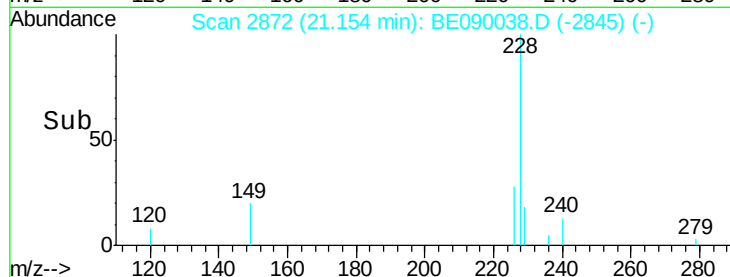
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.15

Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.25 ng

RT: 21.04 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

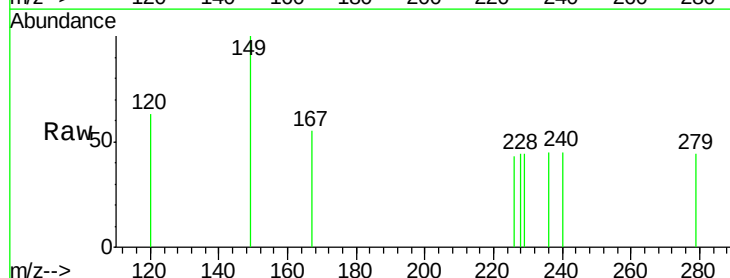
Tgt Ion: 149 Resp: 9

Ion Ratio Lower Upper

149 100

167 0.0 20.3 30.5#

279 0.0 2.6 3.8#



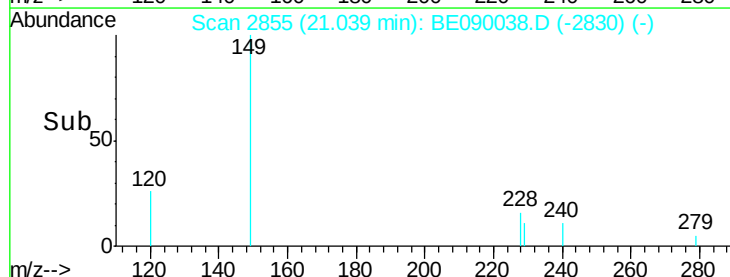
Abundance Ion 149.00 (148.70 to 149.70): E

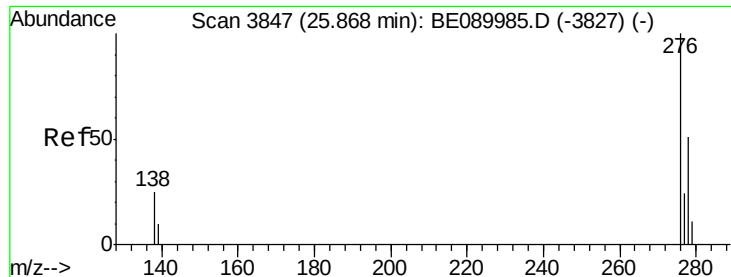
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.04

Time-->





#31

Indeno(1,2,3-cd)pyrene

Concen: 15.31 ng

RT: 25.83 min Scan# 3838

Delta R.T. -0.04 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

Instrument :

BNA_E

ClientSampleId :

X1SS0650006-150626

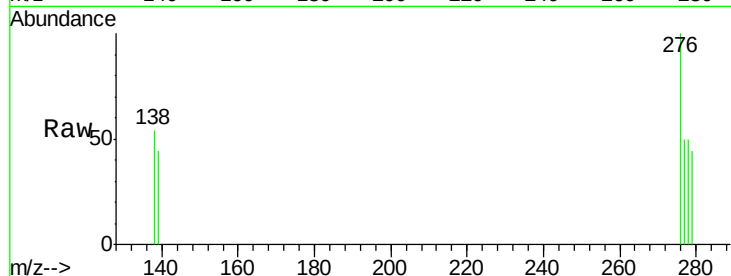
Tgt Ion:276 Resp: 297

Ion Ratio Lower Upper

276 100

138 13.1 21.3 31.9#

277 31.0 19.7 29.5#



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

25.83

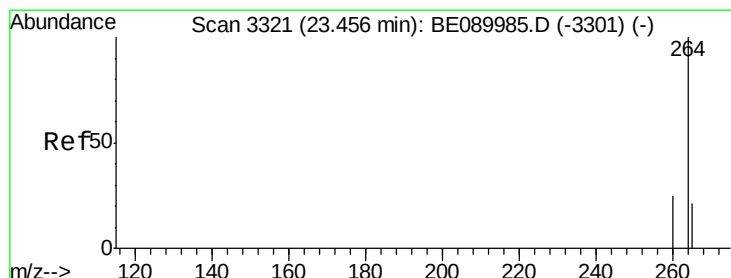
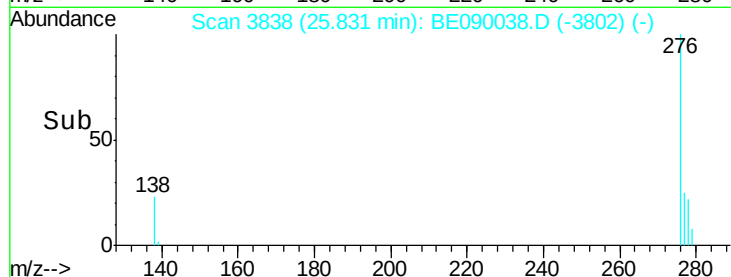
150

100

50

0

Time--> 25.70 25.80 25.90



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.44 min Scan# 3317

Delta R.T. -0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

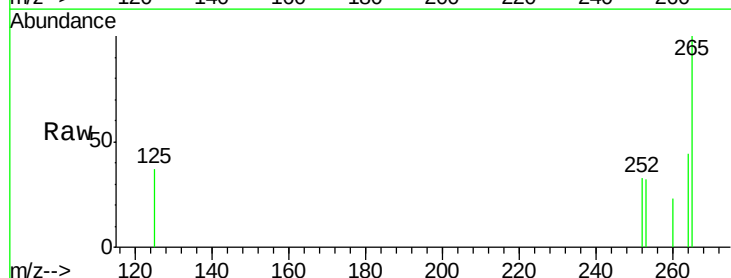
Tgt Ion:264 Resp: 198

Ion Ratio Lower Upper

264 100

260 51.2 20.2 30.2#

265 226.4 17.1 25.7#



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

400

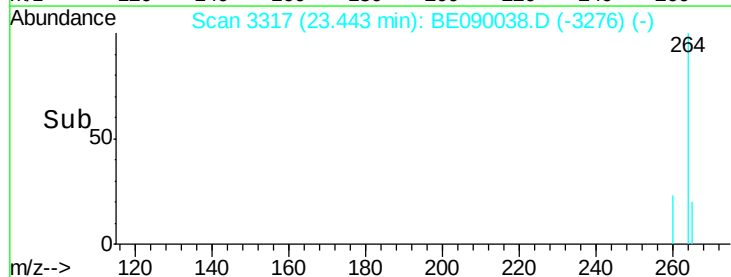
300

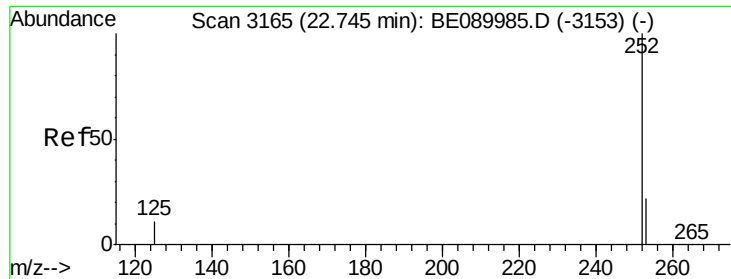
200

100

0

Time--> 23.40 23.50





#33

Benzo(b)fluoranthene

Concen: 7.55 ng

RT: 22.73 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

Instrument :

BNA_E

ClientSampleId :

X1SS0650006-150626

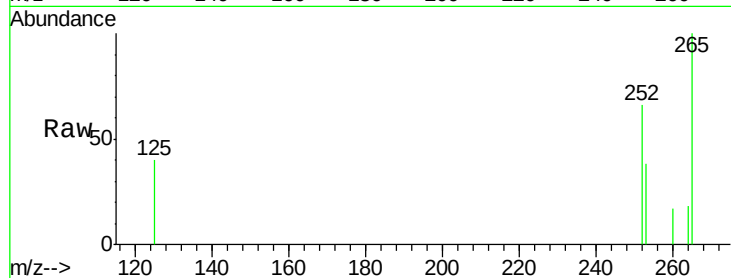
Tgt Ion: 252 Resp: 330

Ion Ratio Lower Upper

252 100

253 58.1 17.8 26.8#

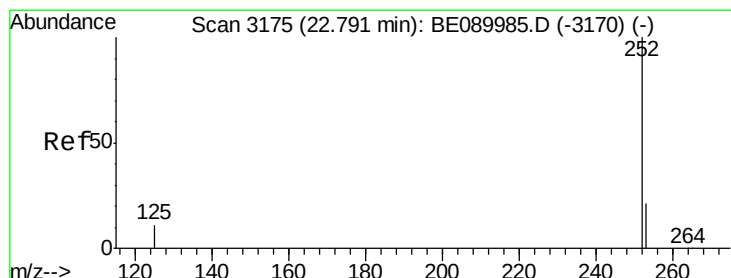
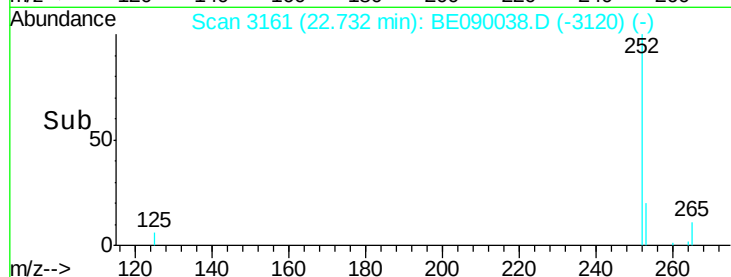
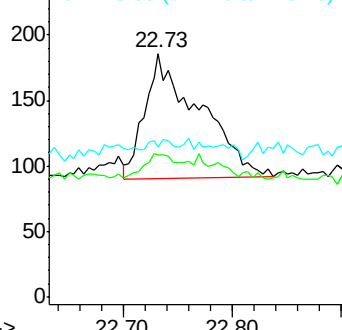
125 61.3 9.0 13.4#



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



#34

Benzo(k)fluoranthene

Concen: 6.84 ng

RT: 22.73 min Scan# 3161

Delta R.T. -0.06 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

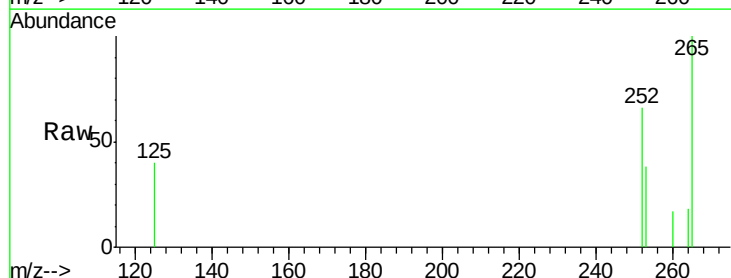
Tgt Ion: 252 Resp: 334

Ion Ratio Lower Upper

252 100

253 58.1 17.5 26.3#

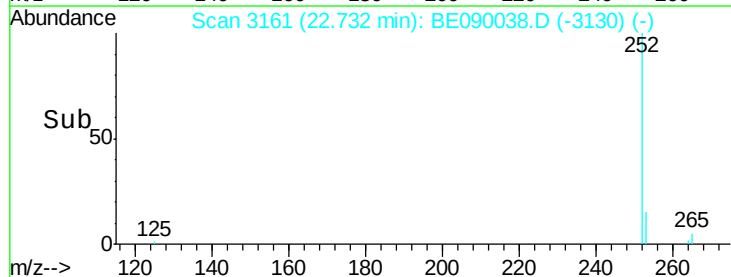
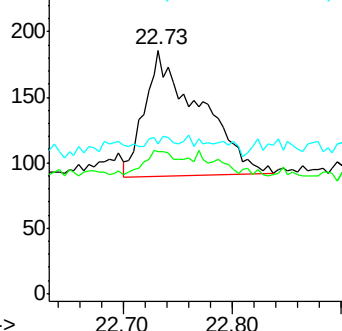
125 61.3 9.5 14.3#

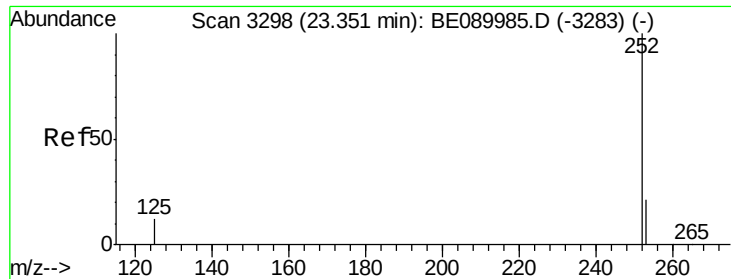


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 5.40 ng

RT: 23.33 min Scan# 3292

Delta R.T. -0.02 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

Instrument :

BNA_E

ClientSampleId :

X1SS0650006-150626

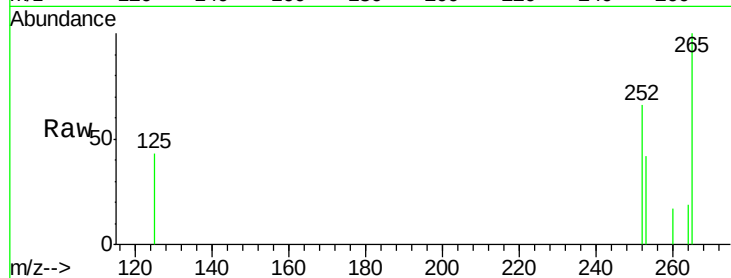
Tgt Ion: 252 Resp: 218

Ion Ratio Lower Upper

252 100

253 63.6 17.4 26.2#

125 65.2 10.5 15.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

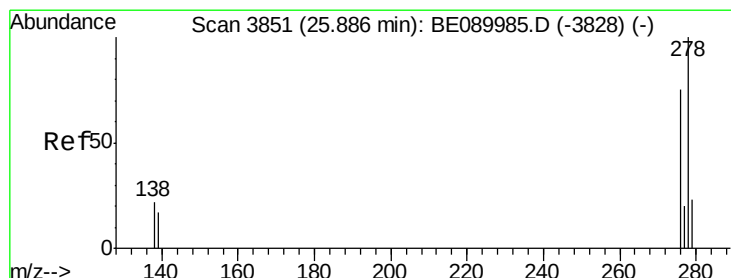
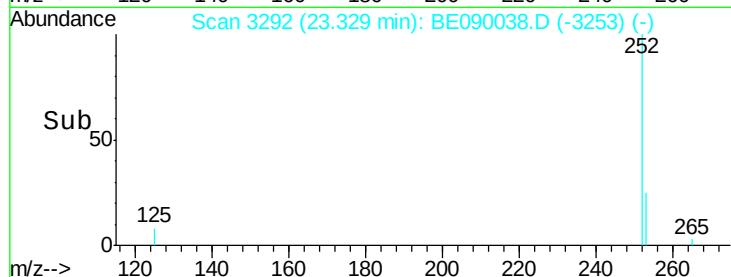
Ion 125.00 (124.70 to 125.70): E

Time-->

23.33

23.35

23.40



#36

Dibenzo(a,h)anthracene

Concen: 2.92 ng

RT: 25.86 min Scan# 3845

Delta R.T. -0.02 min

Lab File: BE090038.D

Acq: 1 Jul 2015 8:58

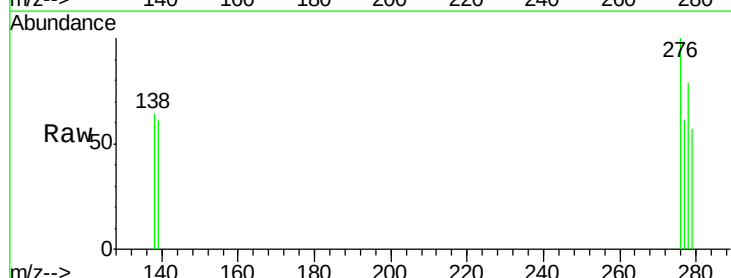
Tgt Ion: 278 Resp: 121

Ion Ratio Lower Upper

278 100

139 76.7 14.4 21.6#

279 72.2 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

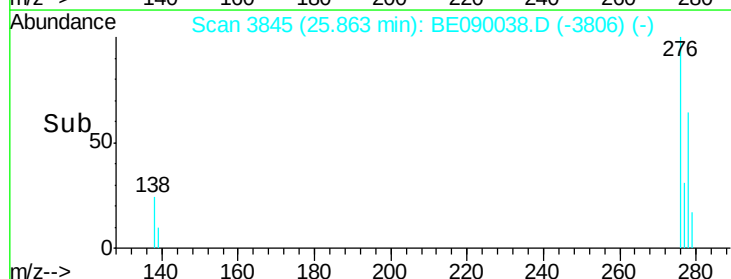
Ion 139.00 (138.70 to 139.70): E

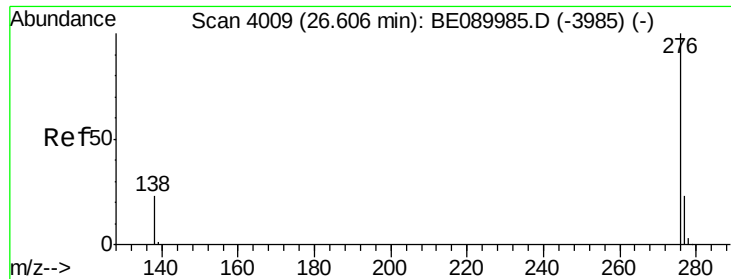
Ion 279.00 (278.70 to 279.70): E

Time-->

25.86

25.90





#37

Benzo(g,h,i)perylene

Concen: 7.36 ng

RT: 26.58 min Scan# 4002

Delta R.T. -0.03 min

Lab File: BE090038.D

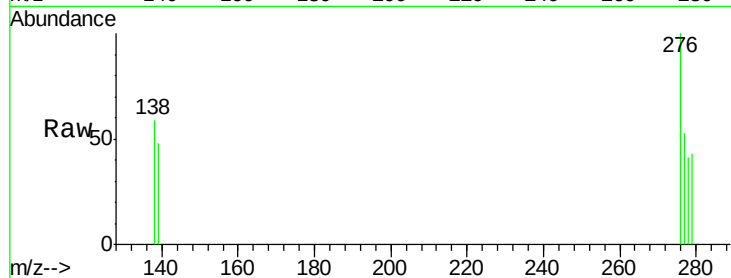
Acq: 1 Jul 2015 8:58

Instrument :

BNA_E

ClientSampleId :

X1SS0650006-150626



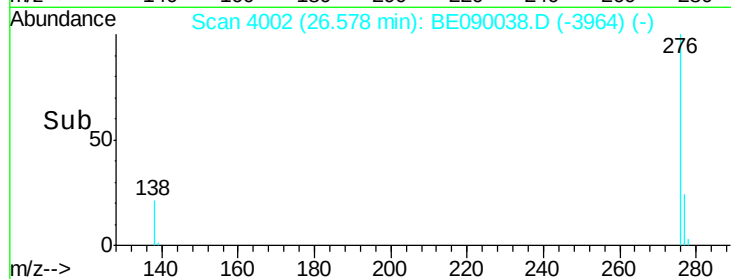
Tgt Ion: 276 Resp: 309

Ion Ratio Lower Upper

276 100

277 53.1 18.8 28.2#

138 58.6 18.6 27.8#



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

