

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
 Data File : BE090903.D
 Acq On : 19 Sep 2015 9:17
 Operator : UM/IZ
 Sample : G3723-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091615-D534-F-U-B

Quant Time: Sep 21 02:34:02 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 18:17:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	29548	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	119821	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	61897	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	152211	5.00	ng	0.00
26) Chrysene-d12	21.07	240	202621	5.00	ng	0.00
33) Perylene-d12	23.35	264	190761	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	23449	3.52	ng	0.00
5) Phenol-d6	6.75	99	16824	1.83	ng	0.00
8) Nitrobenzene-d5	8.71	82	30915	3.74	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	19087	8.74	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	67157	3.83	ng	0.00
28) Terphenyl-d14	19.53	244	138989	6.08	ng	0.00

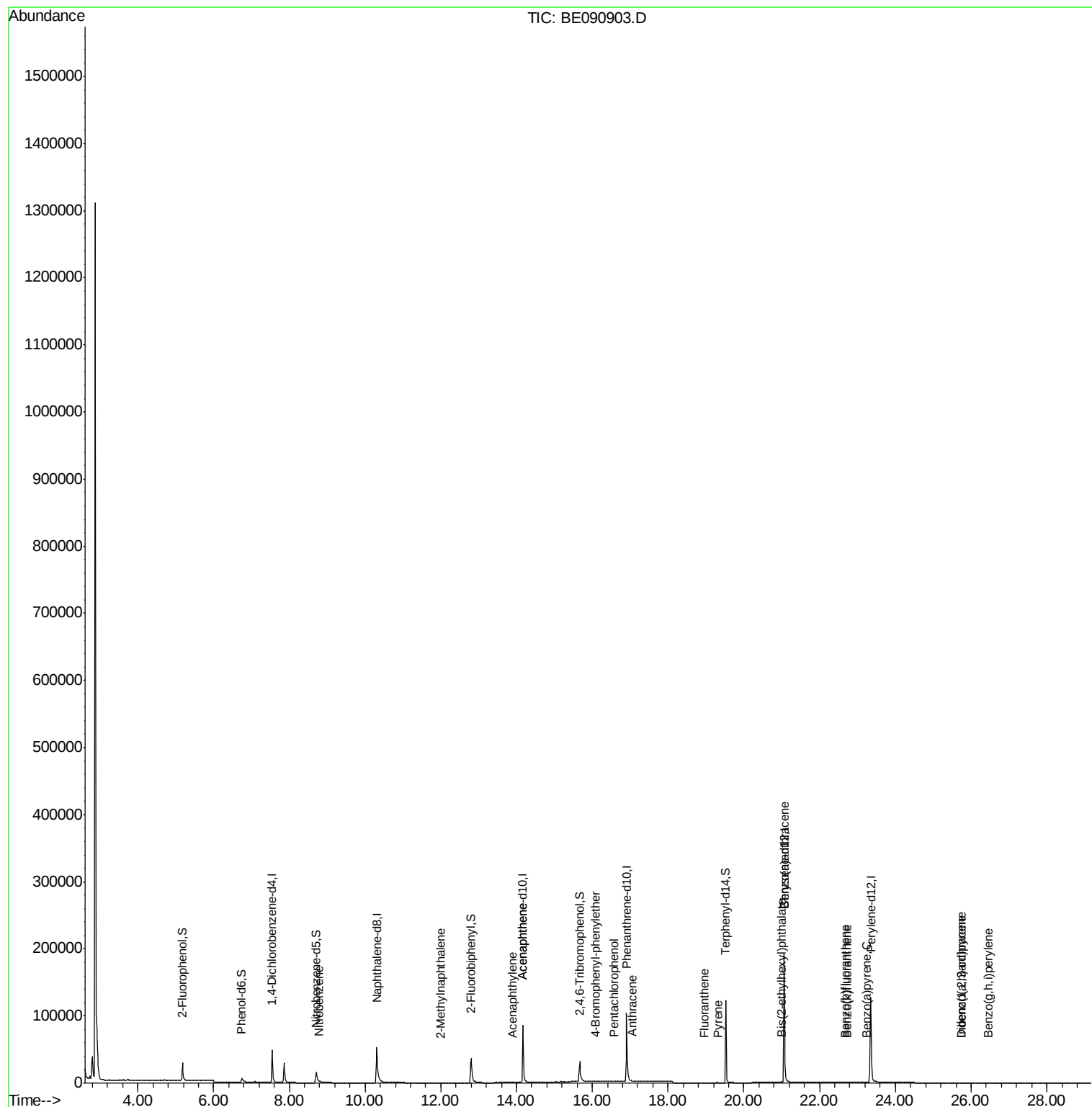
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	81	Below Cal	#	35
3) n-Nitrosodimethylamine	3.43	42	21	Below Cal	#	1
6) bis(2-Chloroethyl)ether	6.96	93	11	Below Cal	#	1
9) Nitrobenzene	8.78	77	5	0.00 ng	#	1
10) Naphthalene	10.35	128	82	Below Cal	#	1
11) Hexachlorobutadiene	10.66	225	3	Below Cal	#	18
12) 2-Methylnaphthalene	12.00	142	21	0.00 ng	#	45
16) Acenaphthylene	13.89	152	205	0.00 ng	#	69
17) Acenaphthene	14.17	154	324	0.02 ng	#	1
18) Fluorene	15.22	166	78	Below Cal	#	47
20) 4-Bromophenyl-phenylether	16.07	248	6	0.00 ng	#	1
21) Hexachlorobenzene	16.14	284	58	Below Cal	#	1
22) Pentachlorophenol	16.56	266	25	0.19 ng	#	61
23) Phenanthrene	16.94	178	446	Below Cal	#	75
24) Anthracene	17.05	178	147	0.00 ng	#	83
25) Fluoranthene	18.96	202	365	0.01 ng	#	87
27) Pyrene	19.32	202	369	0.01 ng	#	83
29) Benzo(a)anthracene	21.06	228	787	0.02 ng	#	83
30) Chrysene	21.10	228	318	Below Cal	#	61
31) Bis(2-ethylhexyl)phthalate	20.99	149	1540	0.23 ng	#	94
32) Indeno(1,2,3-cd)pyrene	25.74	276	81	0.00 ng	#	77
34) Benzo(b)fluoranthene	22.67	252	287	0.01 ng	#	1
35) Benzo(k)fluoranthene	22.71	252	167	0.00 ng	#	1
36) Benzo(a)pyrene	23.25	252	154	0.00 ng	#	1
37) Dibenzo(a,h)anthracene	25.75	278	14	0.00 ng	#	1
38) Benzo(g,h,i)perylene	26.46	276	67	0.00 ng	#	1

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

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QLast Update : Fri Sep 18 18:17:34 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-B

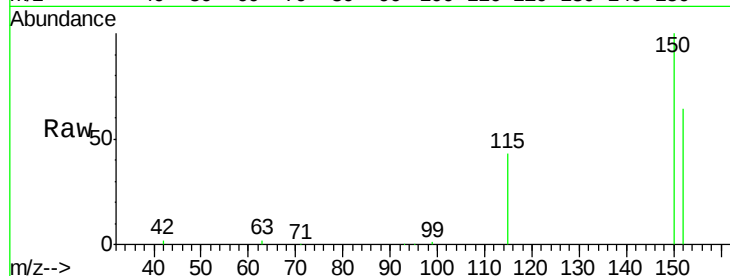
Tot Ion:152 Resp: 29548

Ion Ratio Lower Upper

152 100

150 155.9 122.2 183.4

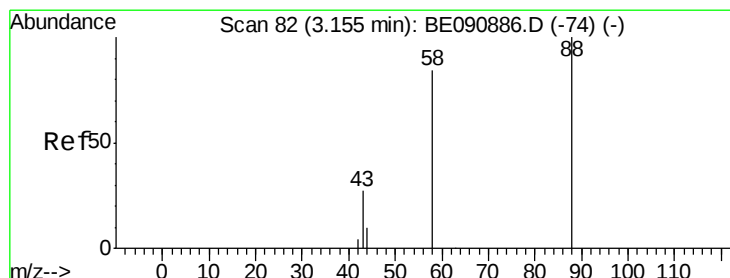
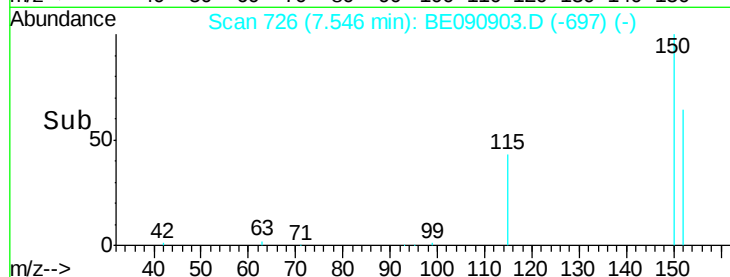
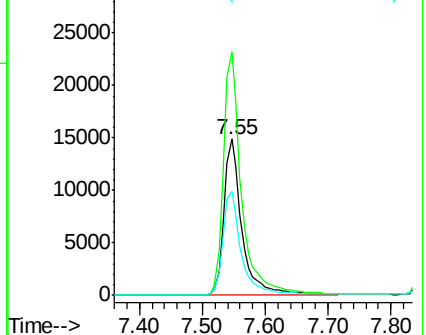
115 66.9 51.0 76.4



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.27 min Scan# 99

Delta R.T. 0.12 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

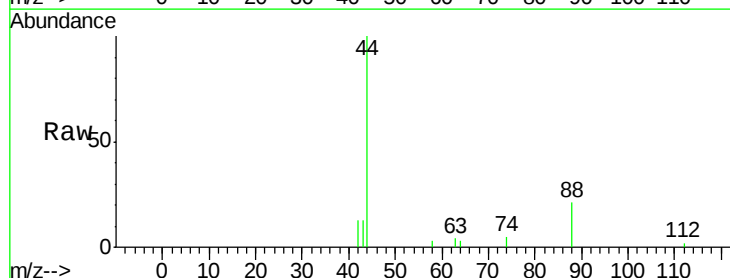
Tgt Ion: 88 Resp: 81

Ion Ratio Lower Upper

88 100

58 23.5 68.4 102.6#

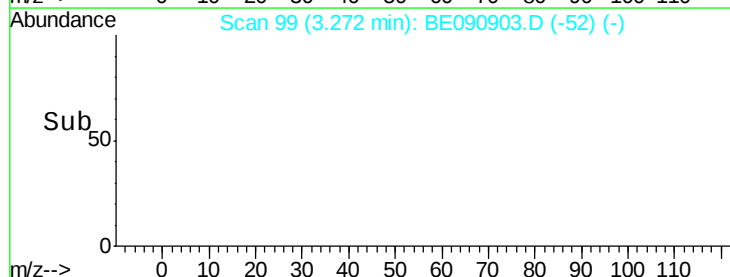
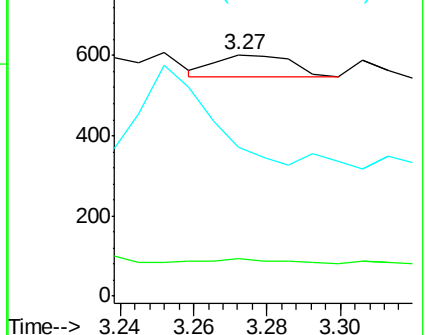
43 0.0 26.9 40.3#



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



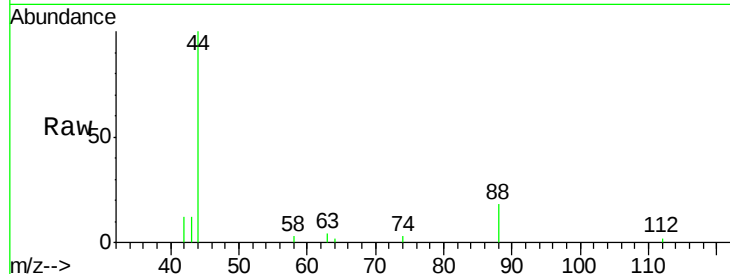


#3

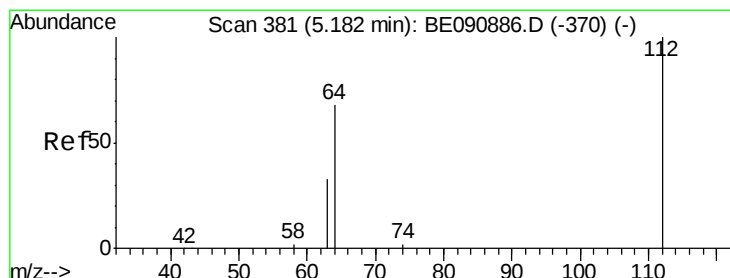
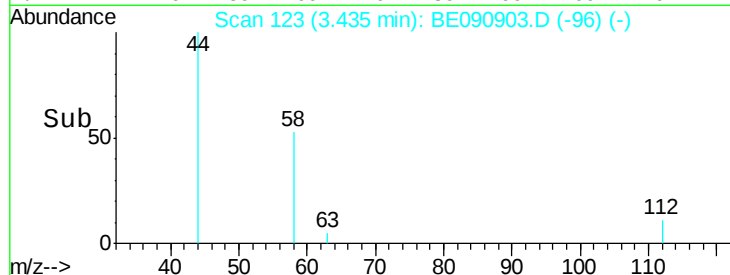
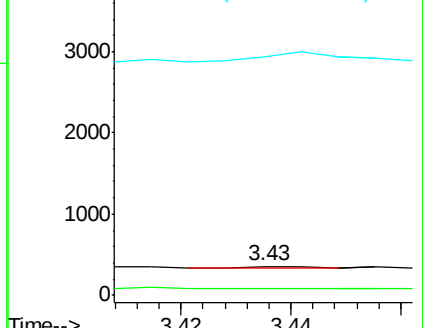
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.43 min Scan# 123
 Delta R.T. -0.02 min
 Lab File: BE090903.D
 Acq: 19 Sep 2015 9:17

Instrument :
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 ClientSampleId :
 091615-D534-F-U-B

Tot Ion: 42 Resp: 21
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 971.4 10.0 15.0#



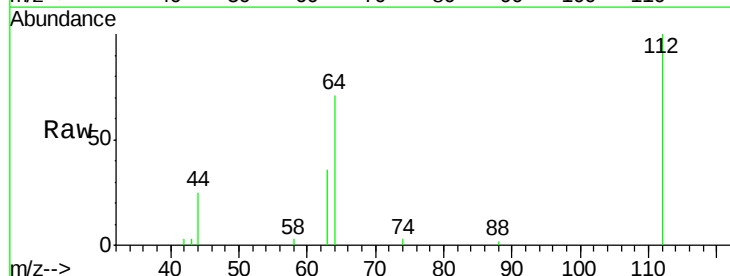
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



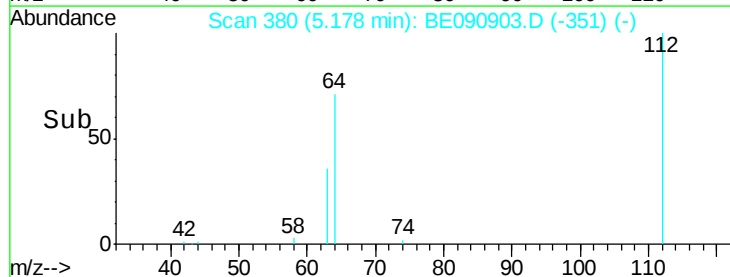
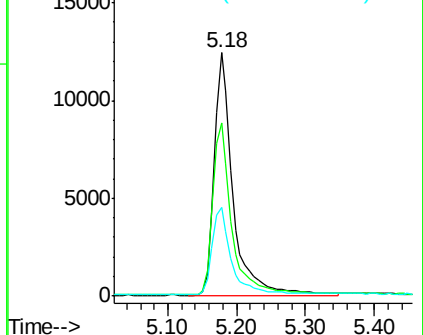
#4

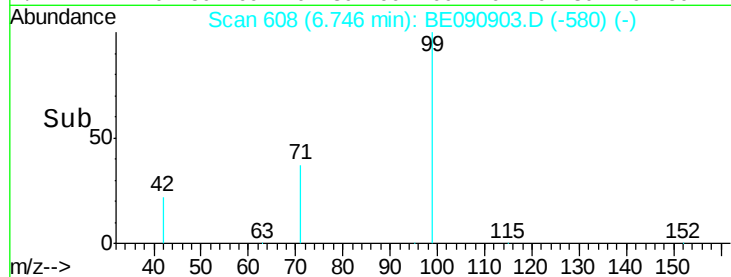
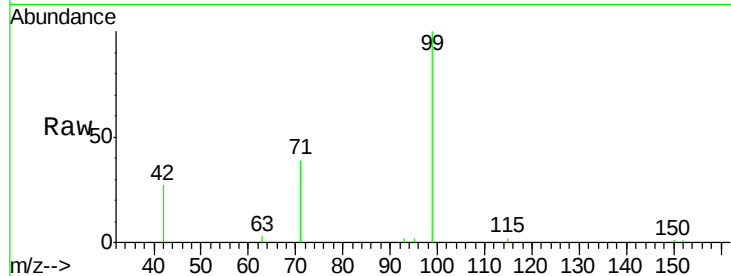
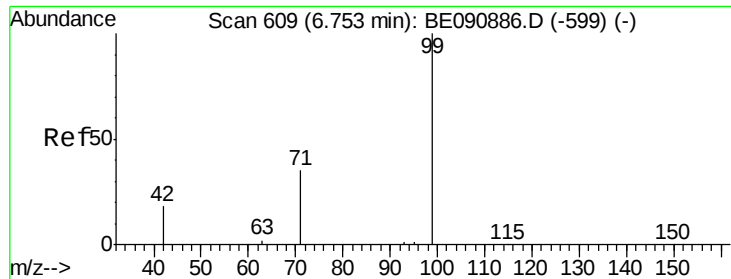
2-Fluorophenol
 Concen: 3.52 ng
 RT: 5.18 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: BE090903.D
 Acq: 19 Sep 2015 9:17

Tgt Ion: 112 Resp: 23449
 Ion Ratio Lower Upper
 112 100
 64 72.5 57.3 85.9
 63 37.4 29.2 43.8



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: 1.83 ng

RT: 6.75 min Scan# 608

Delta R.T. -0.01 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-B

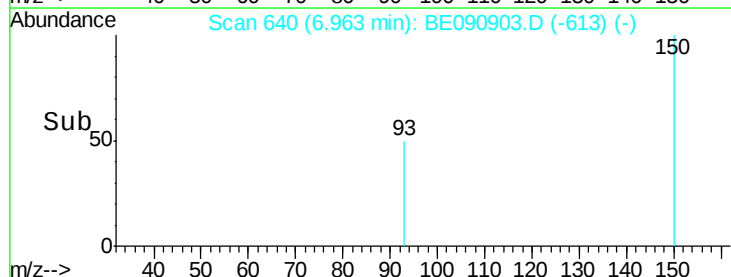
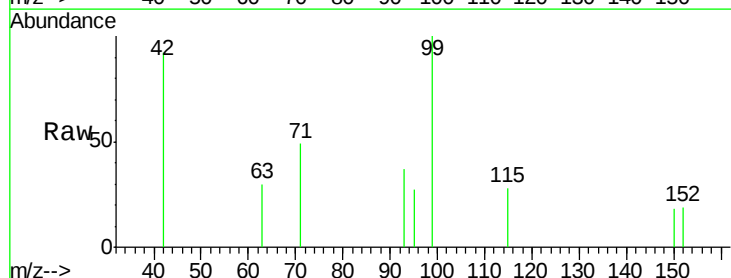
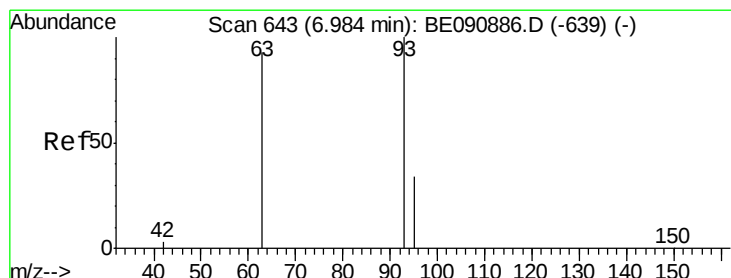
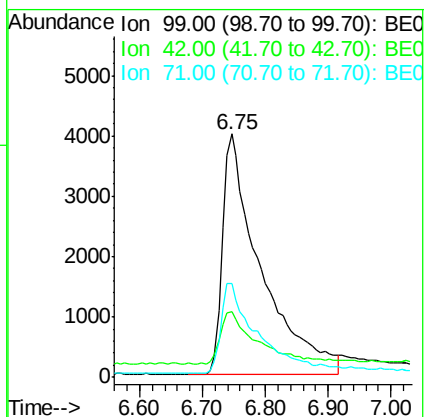
Tot Ion: 99 Resp: 16824

Ion Ratio Lower Upper

99 100

42 21.2 16.8 25.2

71 37.3 28.3 42.5



#6

bis(2-Chloroethyl)ether

Concen: Below Cal

RT: 6.96 min Scan# 640

Delta R.T. -0.02 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

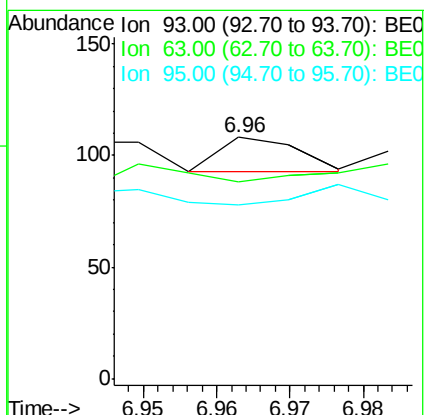
Tgt Ion: 93 Resp: 11

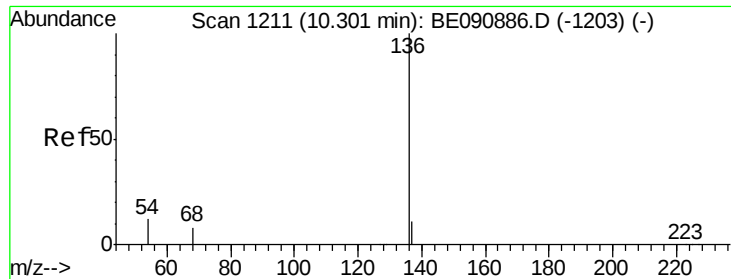
Ion Ratio Lower Upper

93 100

63 0.0 68.5 102.7#

95 181.8 26.9 40.3#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-B

Tot Ion:136 Resp: 119821

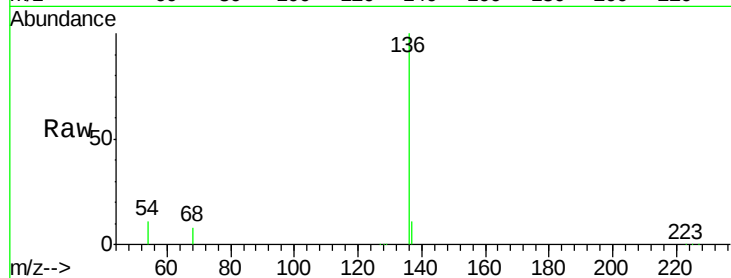
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.2 9.0 13.6

68 8.3 6.3 9.5

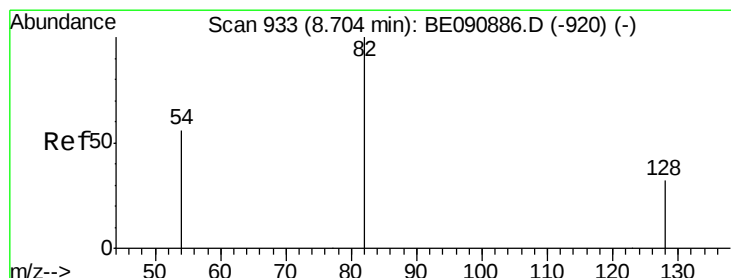
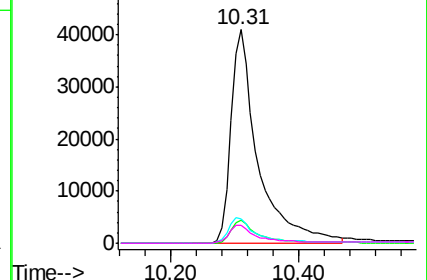
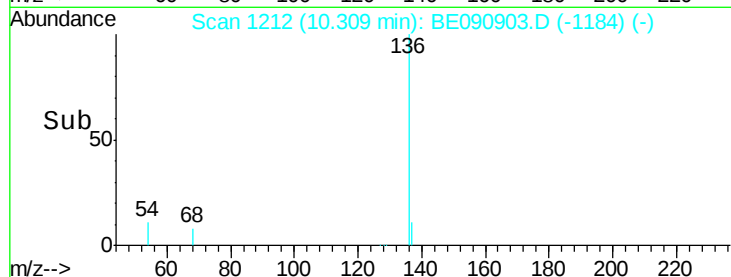


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 3.74 ng

RT: 8.71 min Scan# 935

Delta R.T. 0.01 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

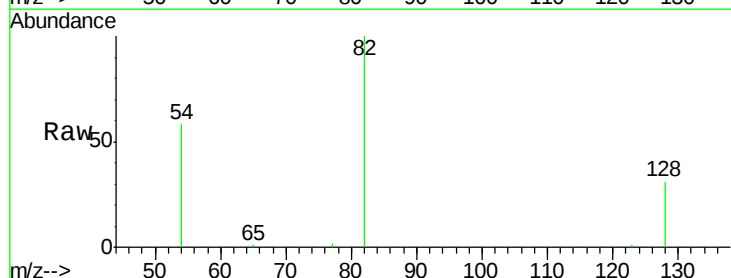
Tgt Ion: 82 Resp: 30915

Ion Ratio Lower Upper

82 100

128 30.9 25.0 37.4

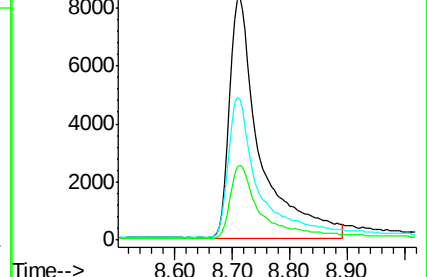
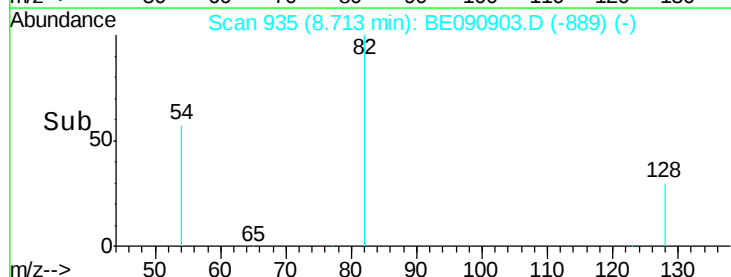
54 58.0 46.3 69.5

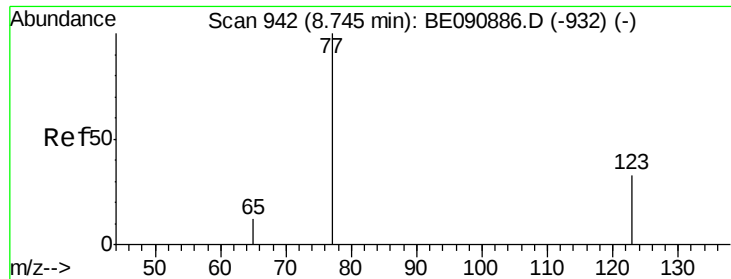


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.00 ng

RT: 8.78 min Scan# 949

Delta R.T. 0.03 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

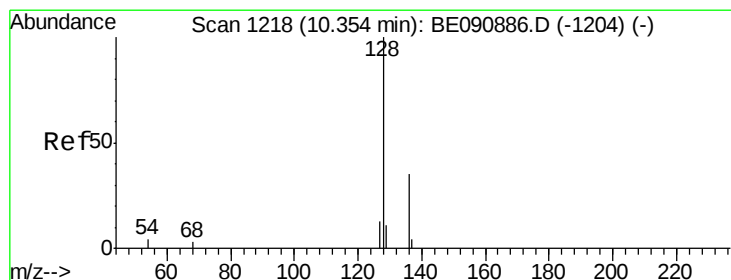
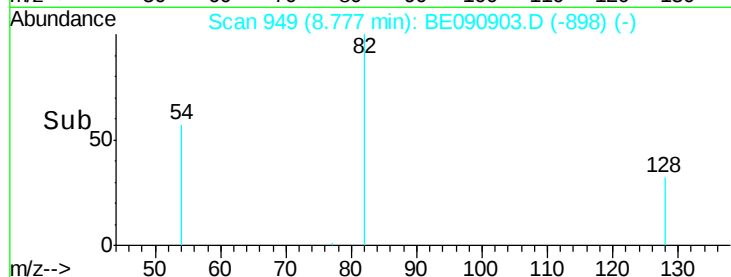
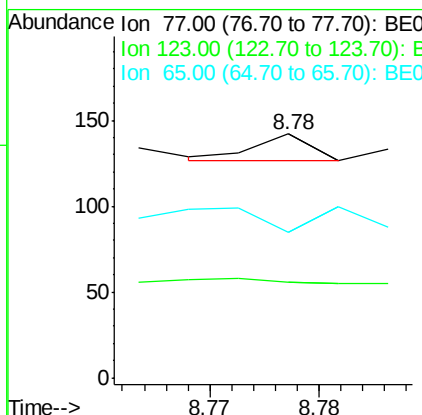
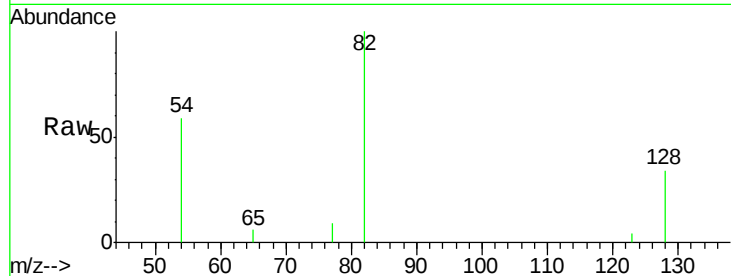
Instrument :

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Tot Ion:	77	Resp:	5
Ion	Ratio	Lower	Upper
77	100		
123	140.0	25.1	37.7#
65	200.0	9.9	14.9#



#10

Naphthalene

Concen: Below Cal

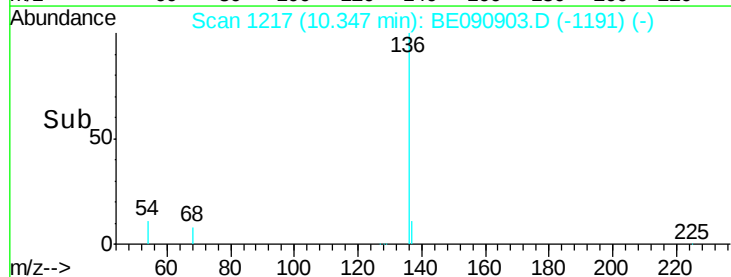
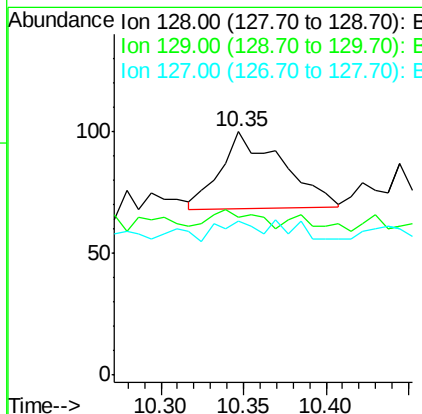
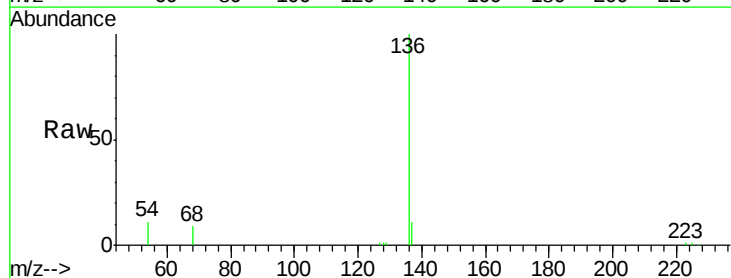
RT: 10.35 min Scan# 1217

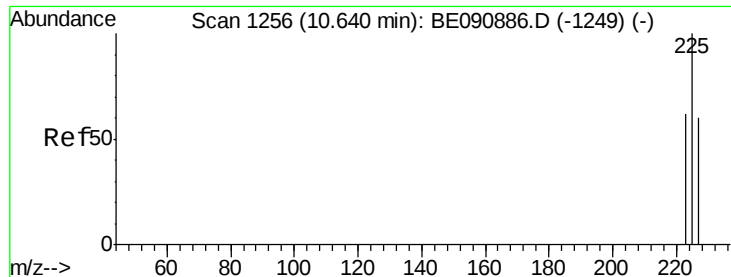
Delta R.T. -0.01 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Tgt Ion:	128	Resp:	82
Ion	Ratio	Lower	Upper
128	100		
129	65.0	8.4	12.6#
127	63.0	9.9	14.9#





#11

Hexachlorobutadiene

Concen: Below Cal

RT: 10.66 min Scan# 1259

Delta R.T. 0.02 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

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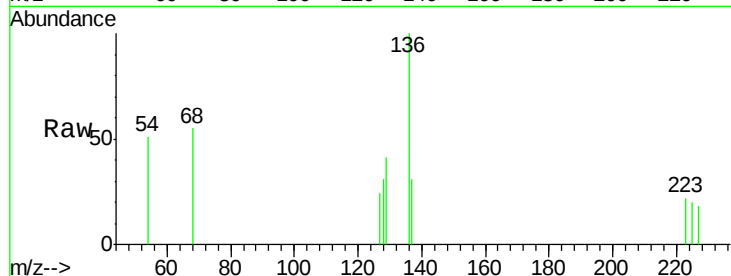
Tot Ion:225 Resp: 3

Ion Ratio Lower Upper

225 100

223 0.0 50.6 76.0#

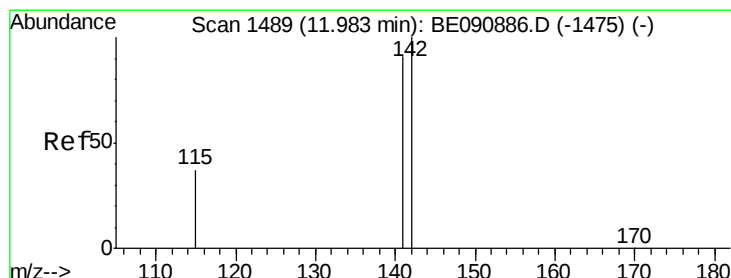
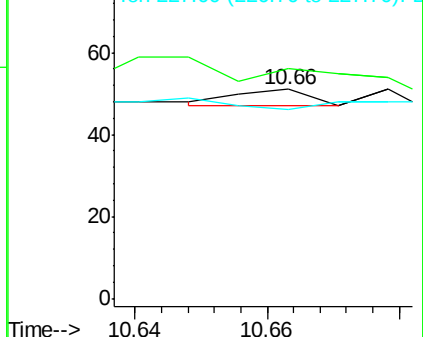
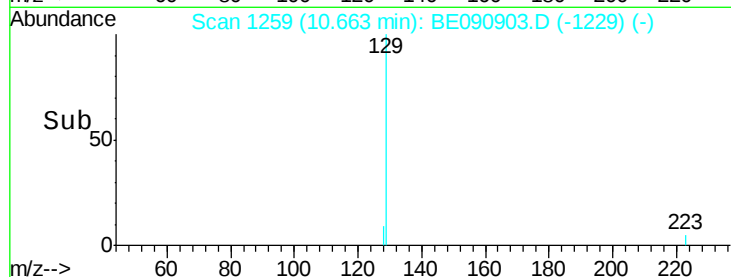
227 0.0 51.0 76.6#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.00 ng

RT: 12.00 min Scan# 1494

Delta R.T. 0.02 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

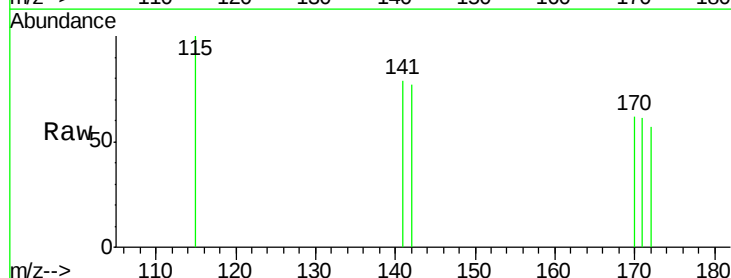
Tgt Ion:142 Resp: 21

Ion Ratio Lower Upper

142 100

141 103.0 71.4 107.2

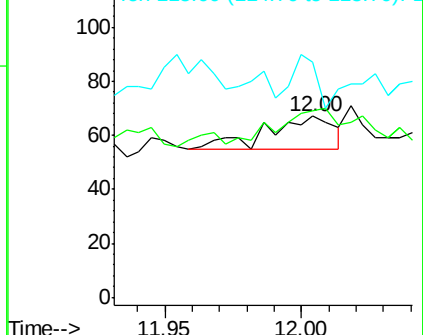
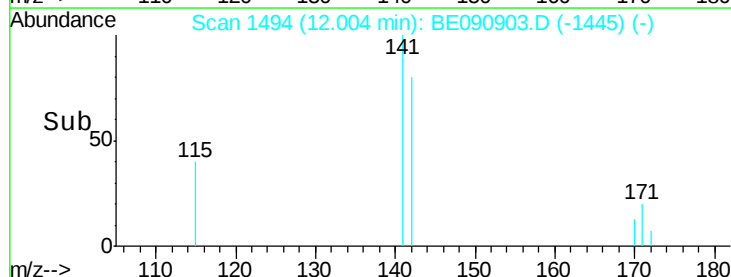
115 129.9 31.0 46.4#

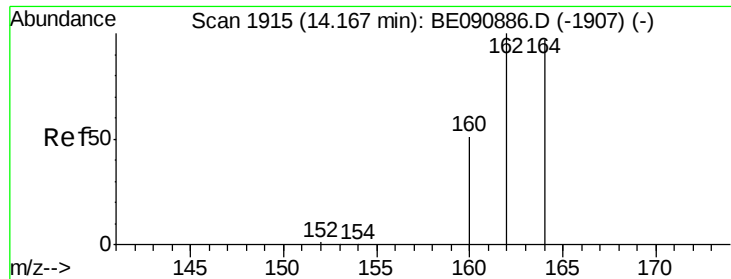


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

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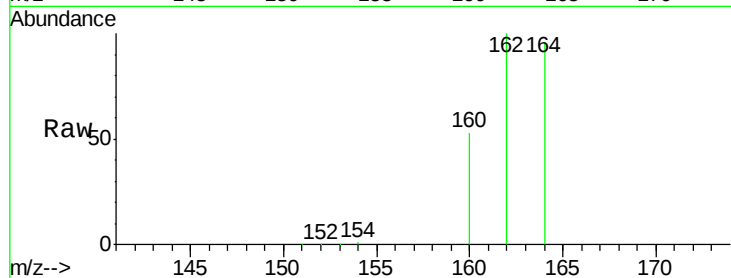
Tot Ion:164 Resp: 61897

Ion Ratio Lower Upper

164 100

162 104.2 86.8 130.2

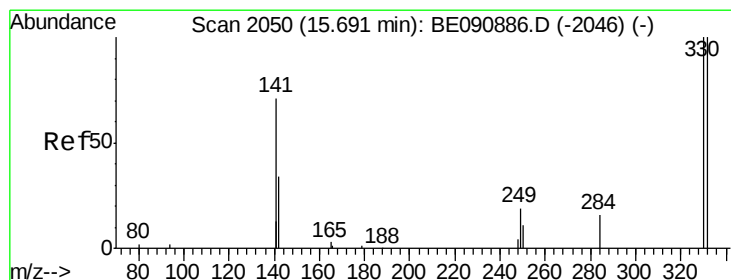
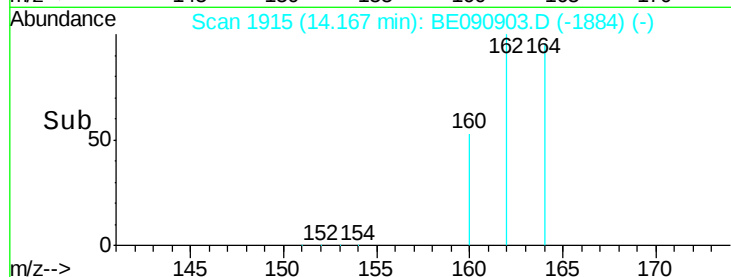
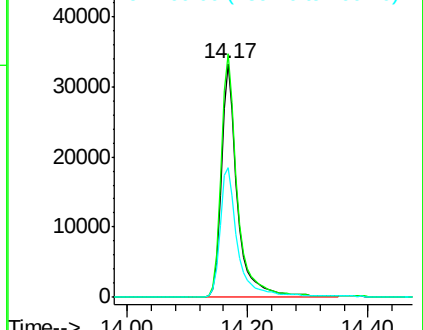
160 55.3 53.9 80.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 8.74 ng

RT: 15.67 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

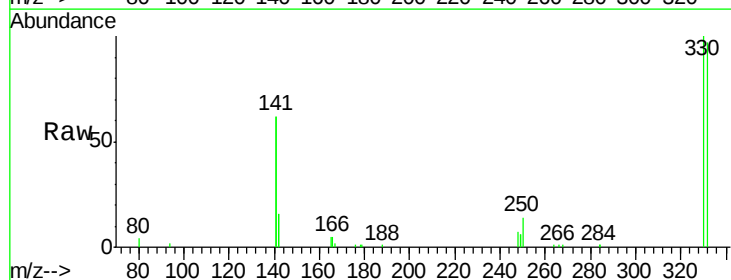
Tgt Ion:330 Resp: 19087

Ion Ratio Lower Upper

330 100

332 97.6 74.9 112.3

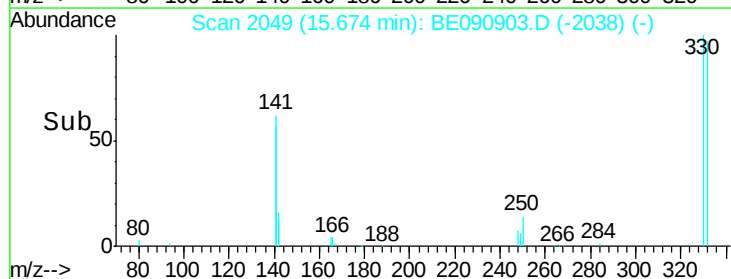
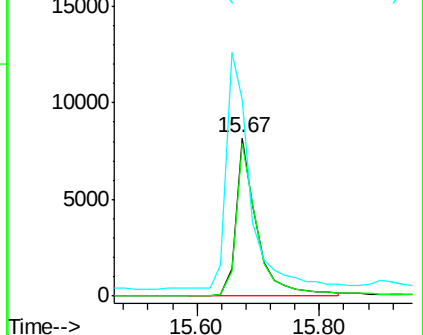
141 173.3 145.2 217.8

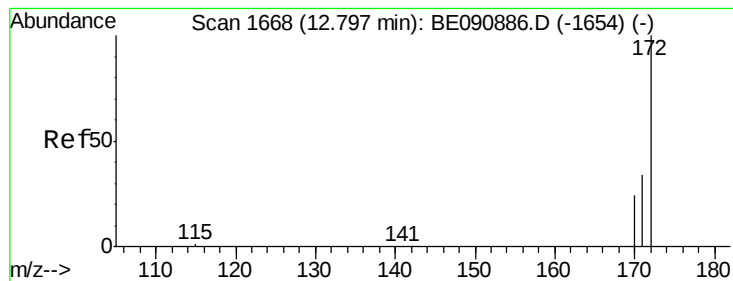


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 3.83 ng

RT: 12.80 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-B

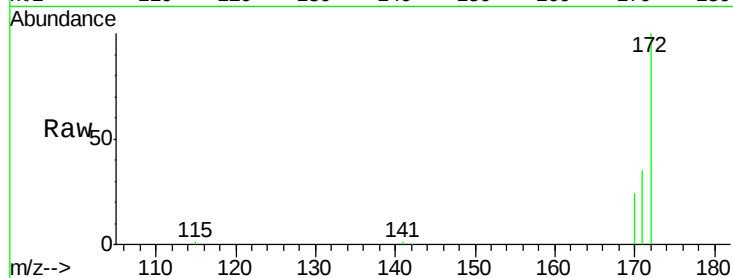
Tot Ion:172 Resp: 67157

Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.8

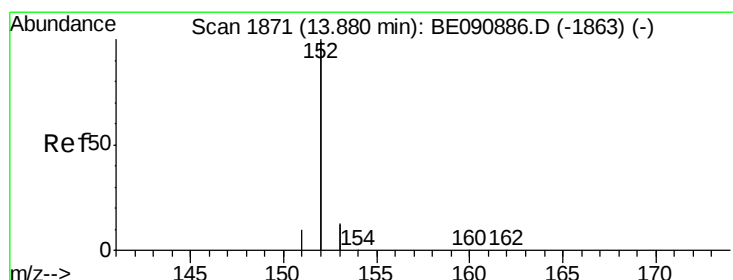
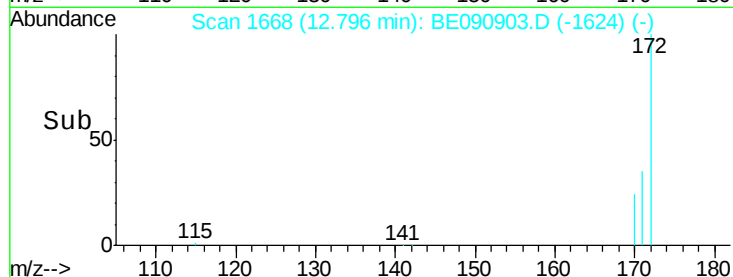
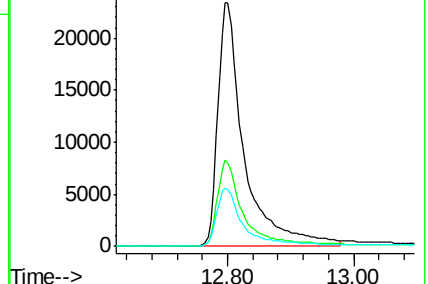
170 24.0 19.8 29.6



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



#16

Acenaphthylene

Concen: 0.00 ng

RT: 13.89 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

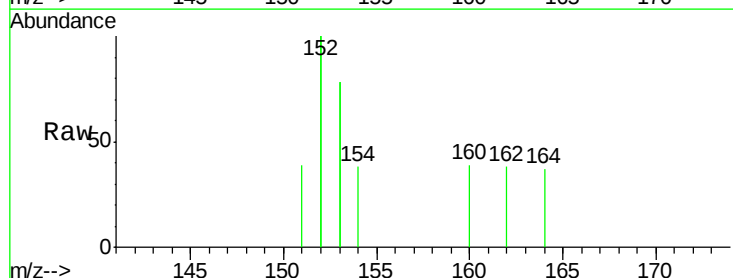
Tgt Ion:152 Resp: 205

Ion Ratio Lower Upper

152 100

151 3.9 3.9 5.9#

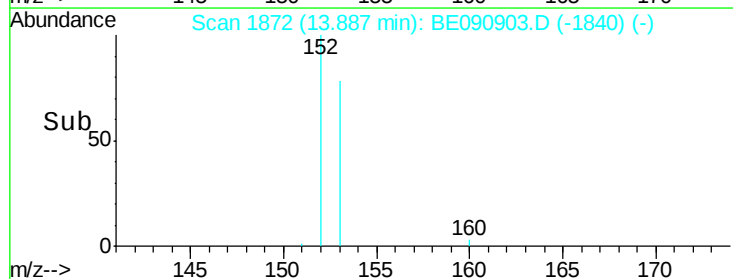
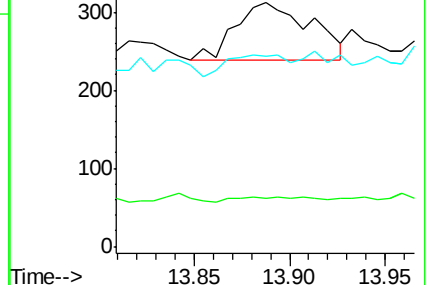
153 29.3 10.3 15.5#



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





#17

Acenaphthene

Concen: 0.02 ng

RT: 14.17 min Scan# 1915

Delta R.T. -0.06 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-B

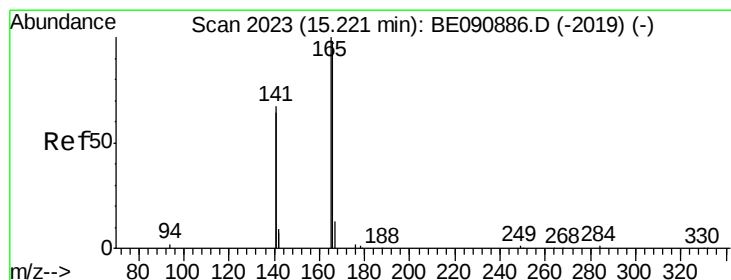
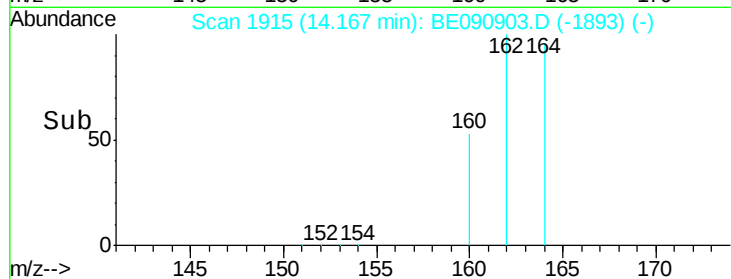
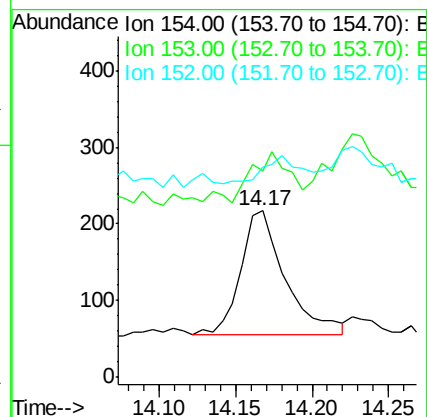
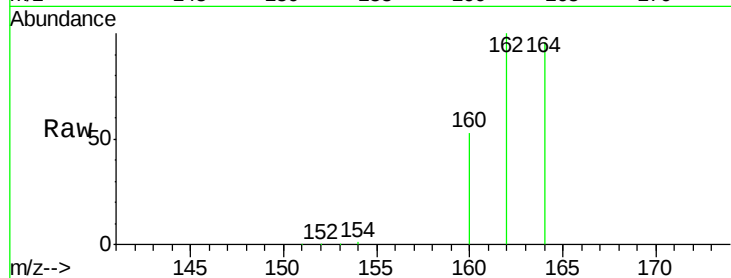
Tot Ion:154 Resp: 324

Ion Ratio Lower Upper

154 100

153 34.6 354.5 531.7#

152 28.7 227.8 341.6#



#18

Fluorene

Concen: Below Cal

RT: 15.22 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

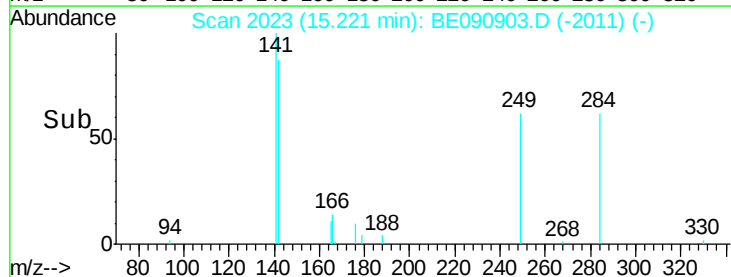
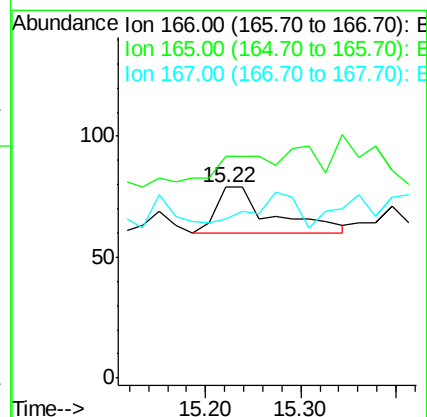
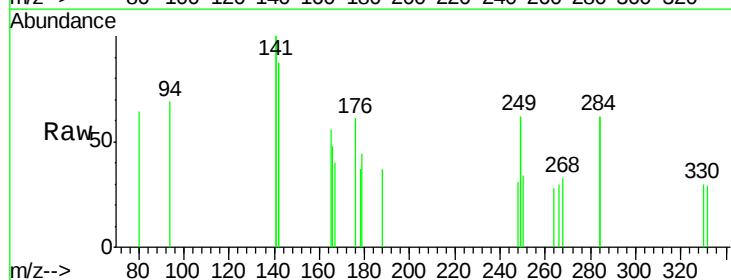
Tgt Ion:166 Resp: 78

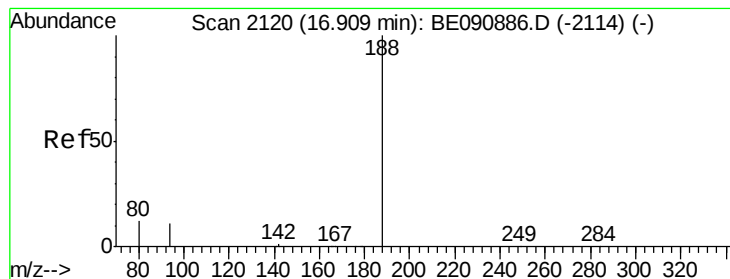
Ion Ratio Lower Upper

166 100

165 160.3 82.7 124.1#

167 0.0 10.7 16.1#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-B

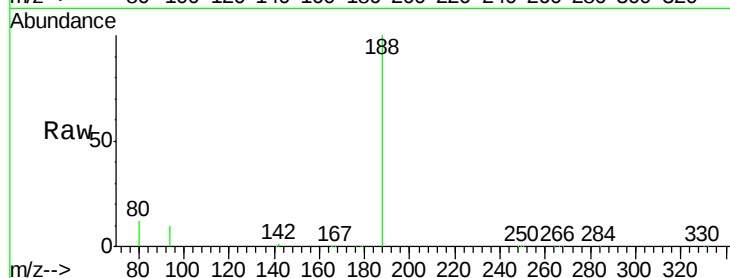
Tot Ion:188 Resp: 152211

Ion Ratio Lower Upper

188 100

94 10.5 10.3 15.5

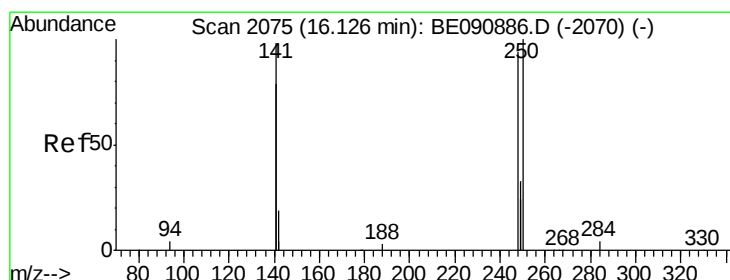
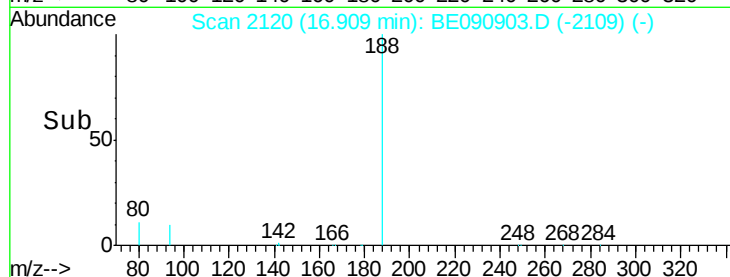
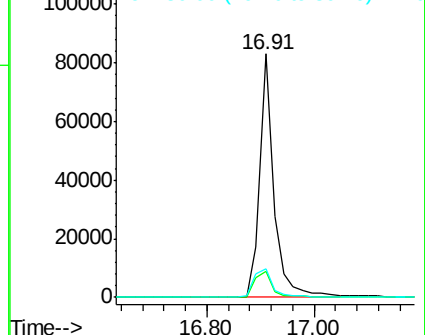
80 11.6 11.0 16.6



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



#20

4-Bromophenyl-phenylether

Concen: 0.00 ng

RT: 16.07 min Scan# 2072

Delta R.T. -0.05 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

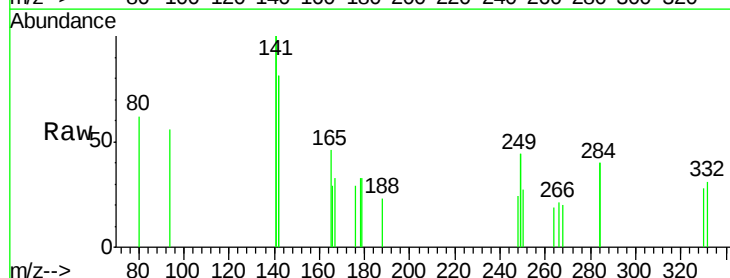
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 0.0 76.7 115.1#

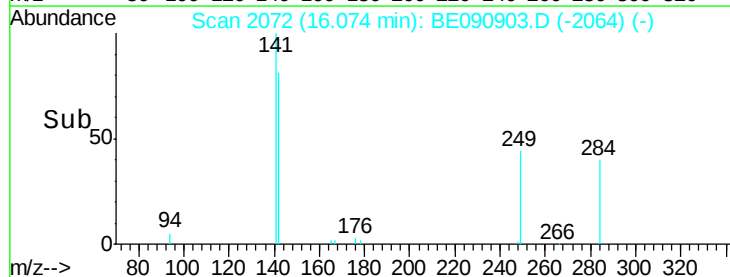
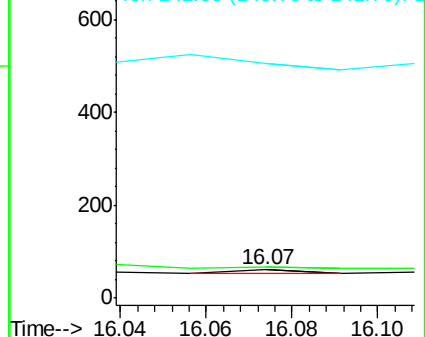
141 3833.3 292.6 439.0#



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

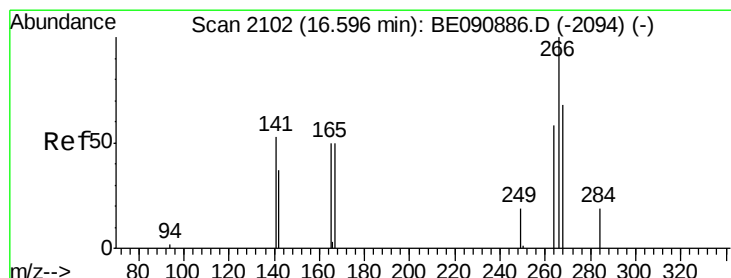
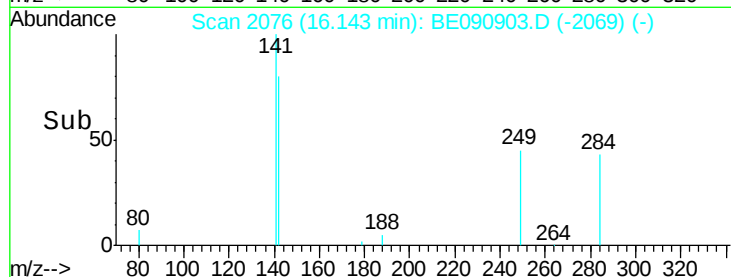
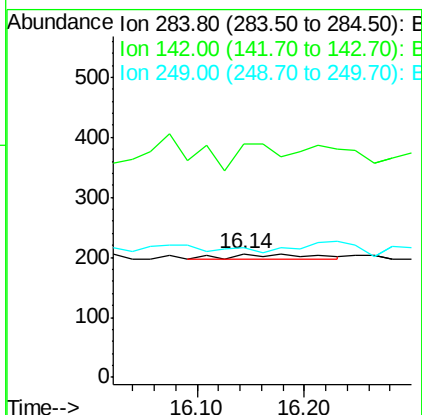
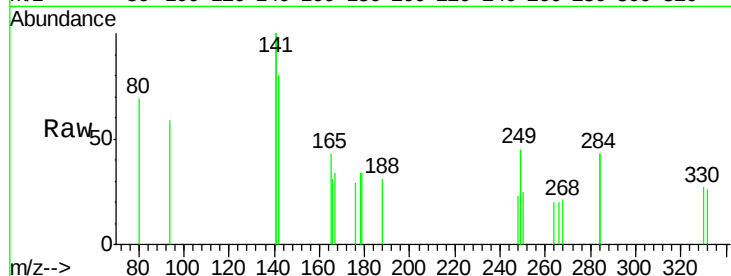




#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.14 min Scan# 2076
Delta R.T. -0.09 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

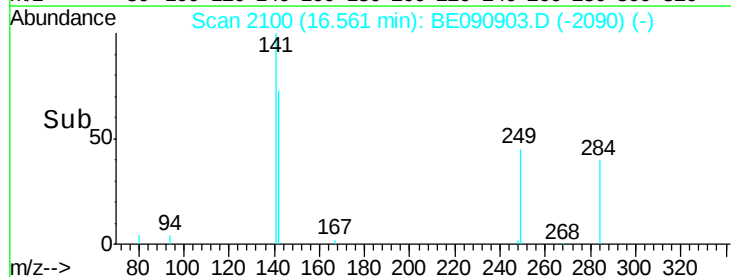
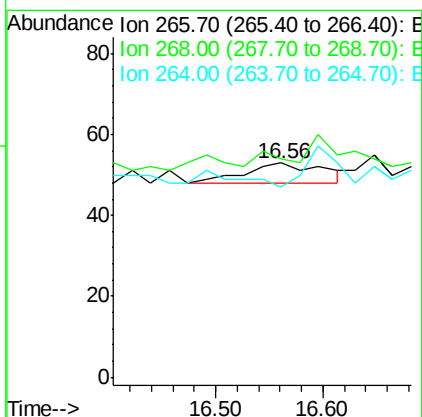
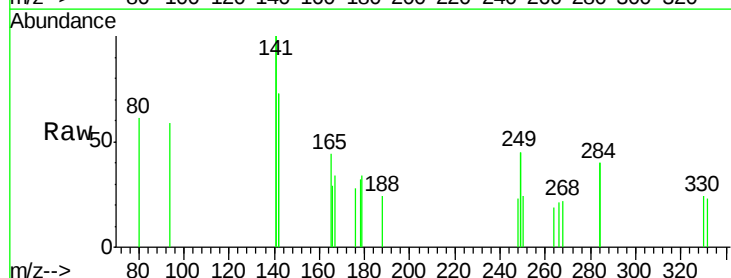
Instrument :
BNA_E
ClientSampleId :
091615-D534-F-U-B

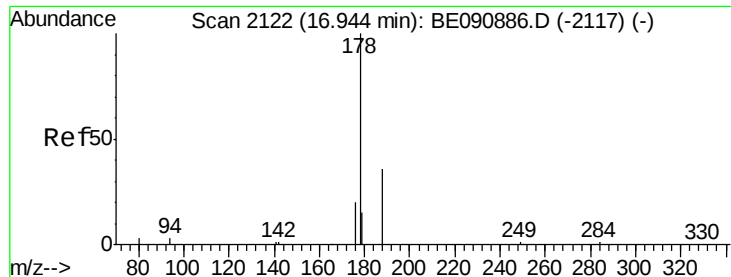
Tot Ion:284 Resp: 58
Ion Ratio Lower Upper
284 100
142 201.7 35.0 52.4#
249 0.0 25.5 38.3#



#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.56 min Scan# 2100
Delta R.T. -0.03 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
268 101.9 49.6 74.4#
264 88.7 53.9 80.9#





#23

Phenanthrene

Concen: Below Cal

RT: 16.94 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-B

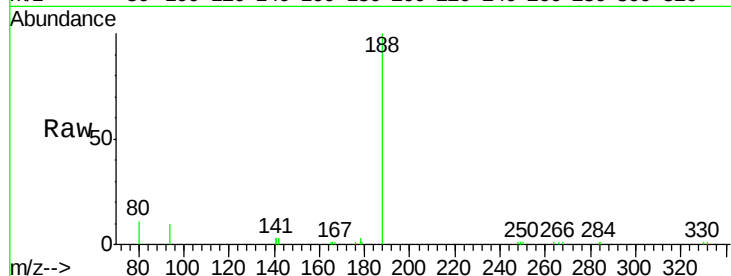
Tot Ion:178 Resp: 446

Ion Ratio Lower Upper

178 100

176 26.0 15.6 23.4#

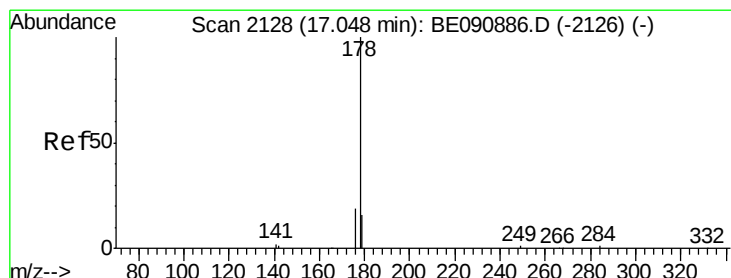
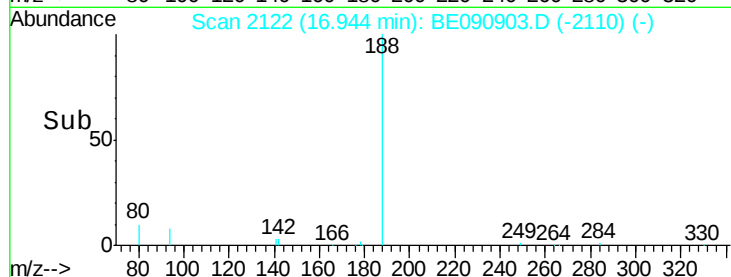
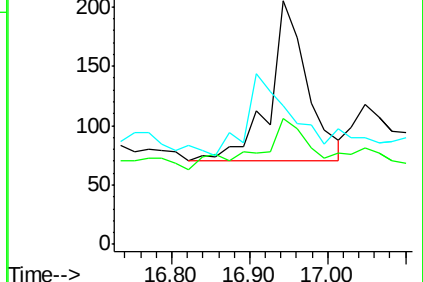
179 0.0 12.8 19.2#



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

Anthracene

Concen: 0.00 ng

RT: 17.05 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

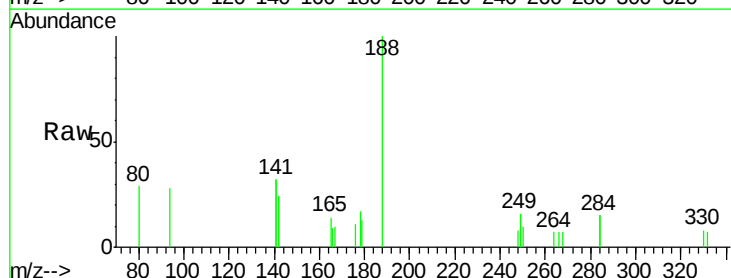
Tgt Ion:178 Resp: 147

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

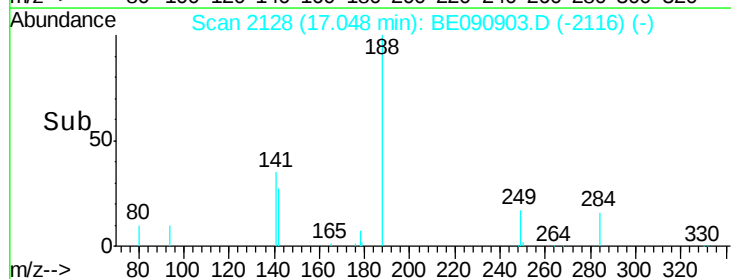
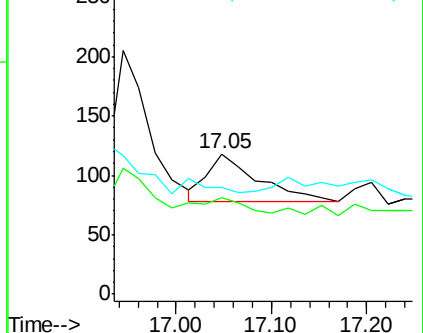
179 0.0 12.3 18.5#

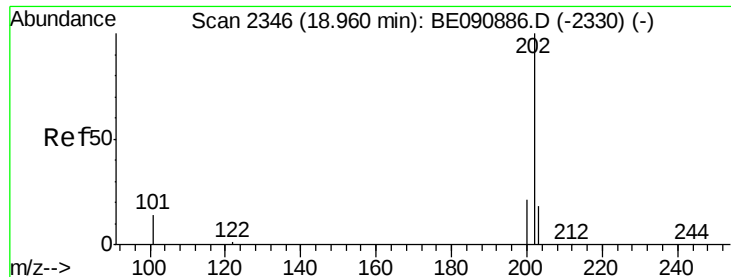


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.01 ng

RT: 18.96 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-B

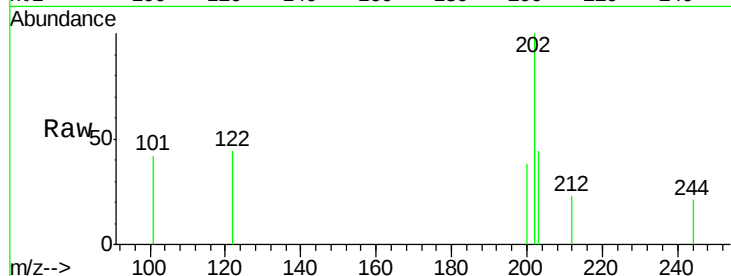
Tot Ion:202 Resp: 365

Ion Ratio Lower Upper

202 100

101 22.7 11.0 16.6#

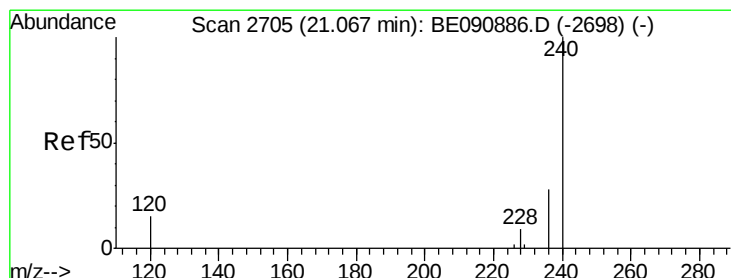
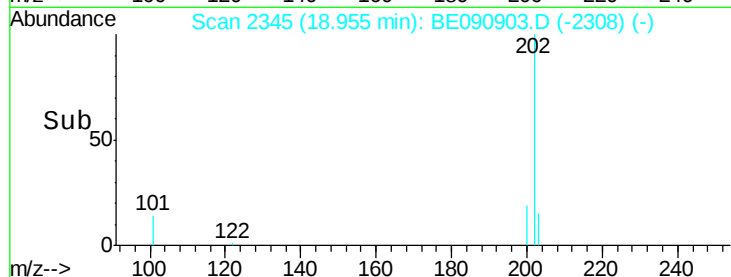
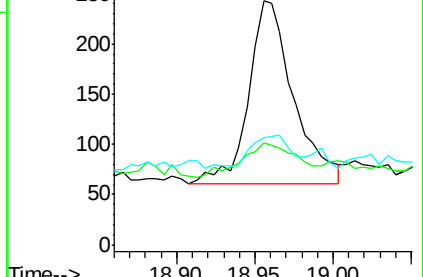
203 14.8 13.9 20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2705

Delta R.T. 0.00 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

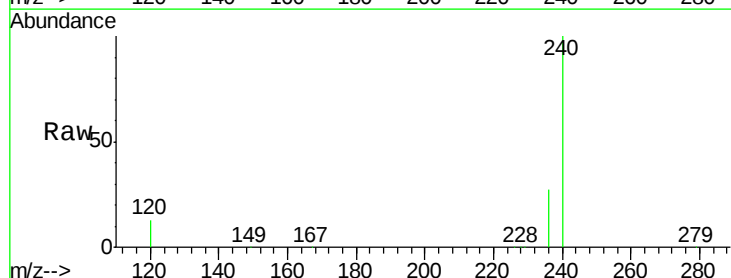
Tgt Ion:240 Resp: 202621

Ion Ratio Lower Upper

240 100

120 13.0 10.1 15.1

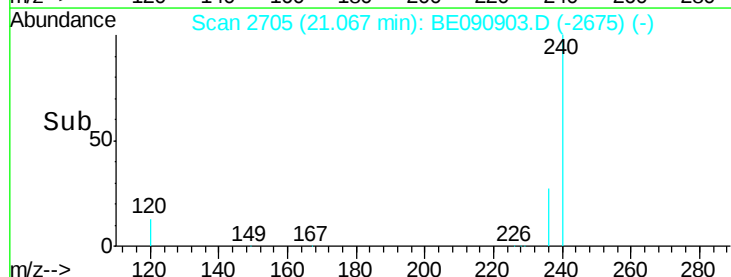
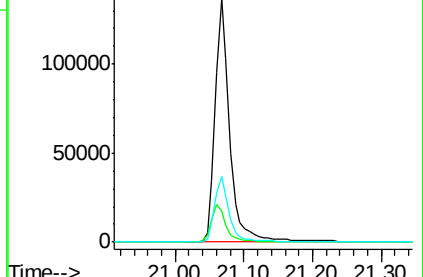
236 26.9 21.9 32.9

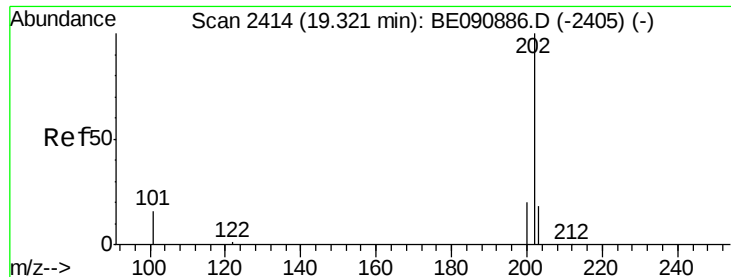


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

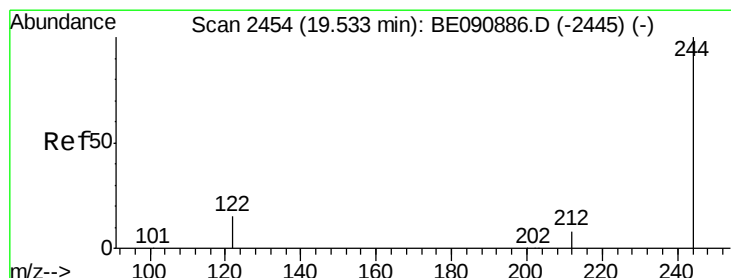
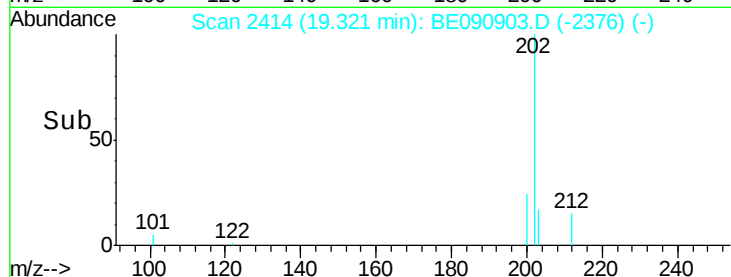
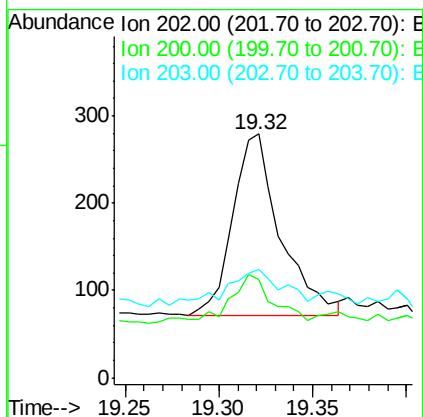
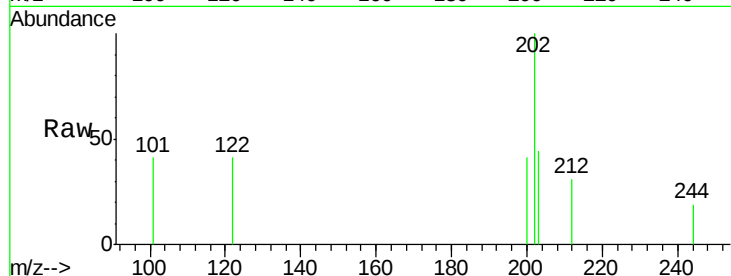




#27
Pvrene
Concen: 0.01 ng
RT: 19.32 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

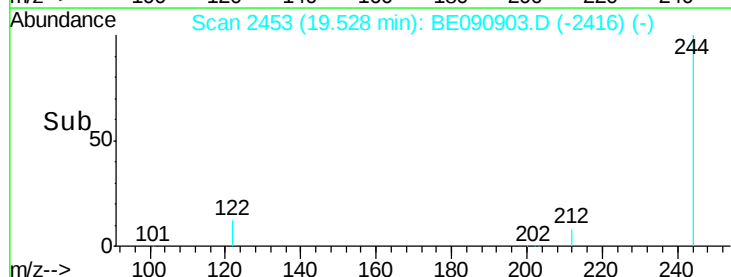
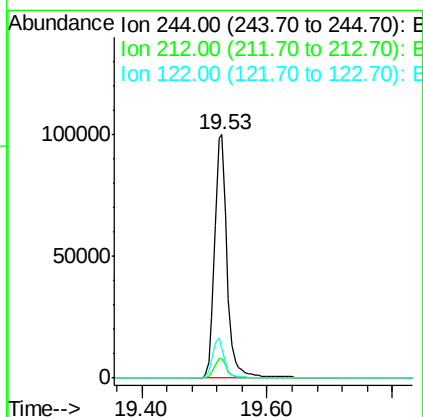
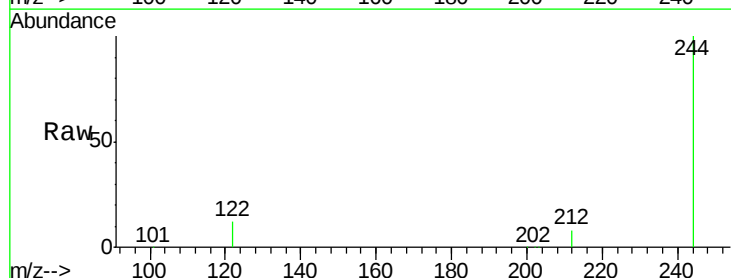
Instrument :
BNA_E
ClientSampleId :
091615-D534-F-U-B

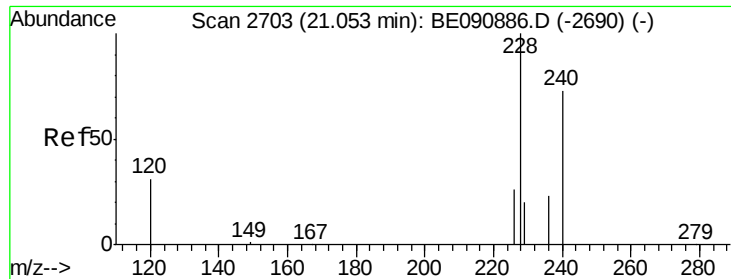
Tot Ion:202 Resp: 369
Ion Ratio Lower Upper
202 100
200 26.0 16.7 25.1#
203 27.9 13.8 20.6#



#28
Terphenyl-d14
Concen: 6.08 ng
RT: 19.53 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:244 Resp: 138989
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 12.4 12.9 19.3#





#29

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.06 min Scan# 2704

Delta R.T. 0.01 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-B

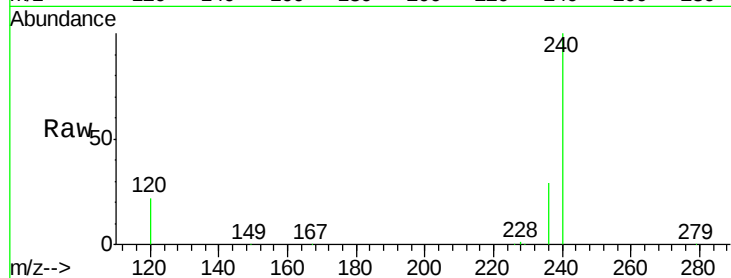
Tot Ion:228 Resp: 787

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

229 38.5 15.9 23.9#



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

21.06

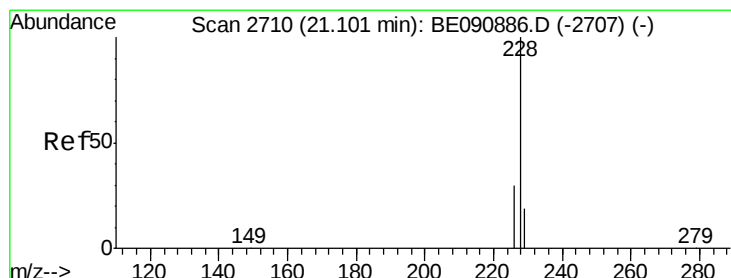
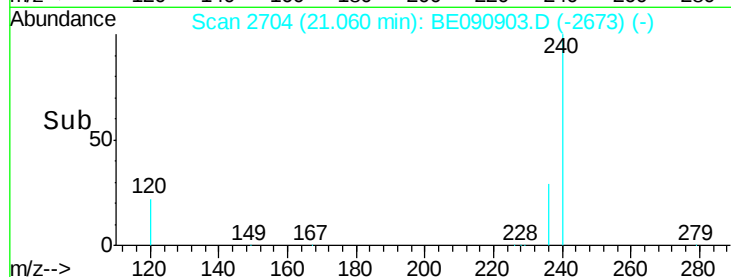
400

200

0

21.00 21.05 21.10

Time-->



#30

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

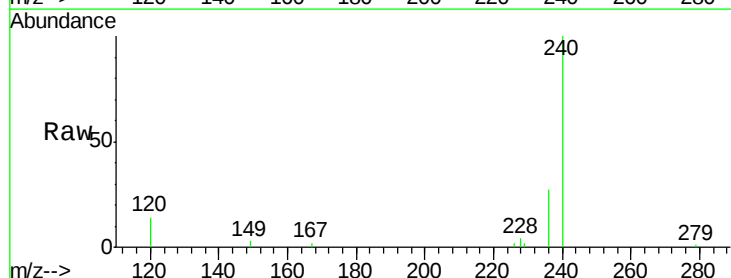
Tgt Ion:228 Resp: 318

Ion Ratio Lower Upper

228 100

226 43.1 24.2 36.4#

229 48.3 15.3 22.9#



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

21.10

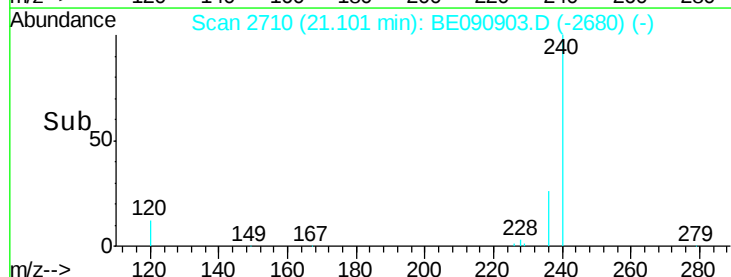
400

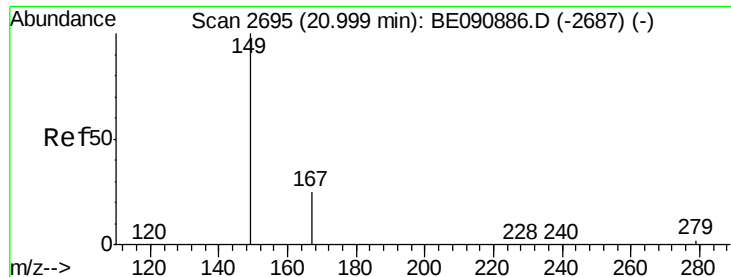
200

0

21.10 21.15

Time-->





#31

Bis(2-ethylhexyl)phthalate

Concen: 0.23 ng

RT: 20.99 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-B

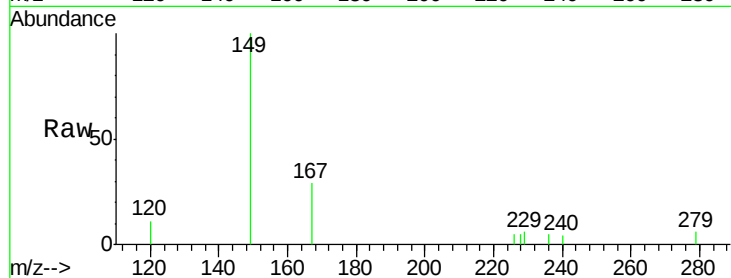
Tot Ion:149 Resp: 1540

Ion Ratio Lower Upper

149 100

167 28.1 20.1 30.1

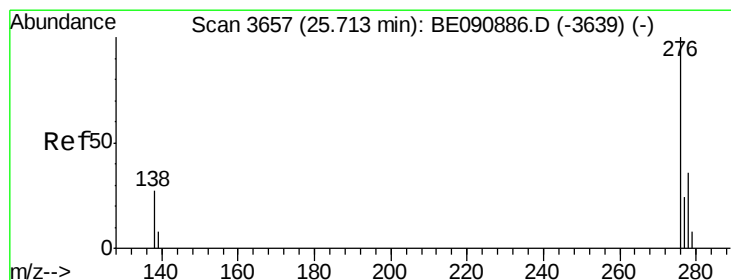
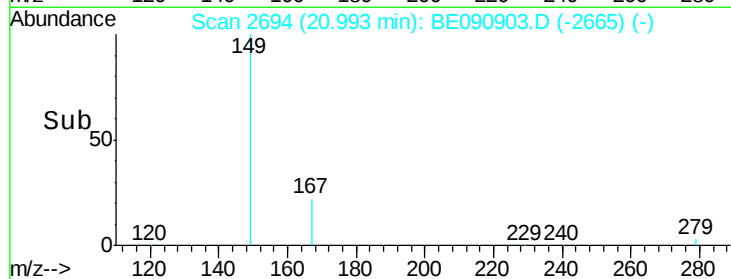
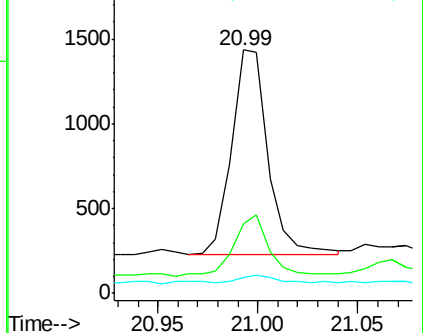
279 3.3 2.3 3.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#32

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng

RT: 25.74 min Scan# 3663

Delta R.T. 0.03 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

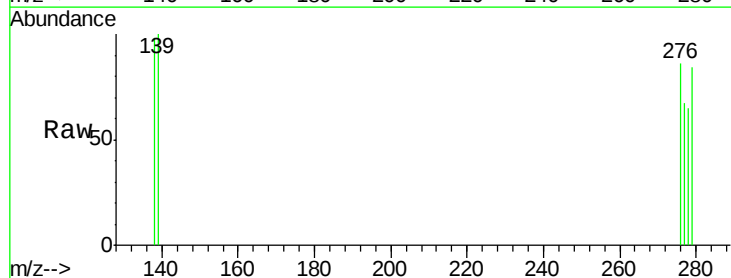
Tgt Ion:276 Resp: 81

Ion Ratio Lower Upper

276 100

138 21.0 23.3 34.9#

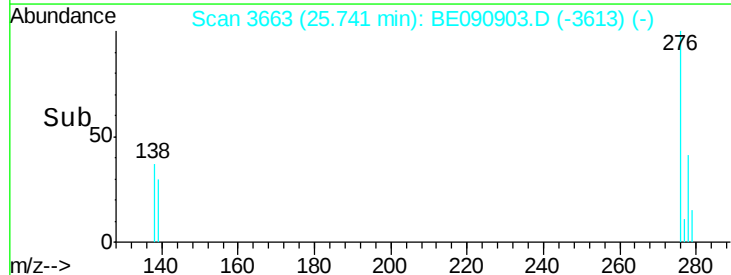
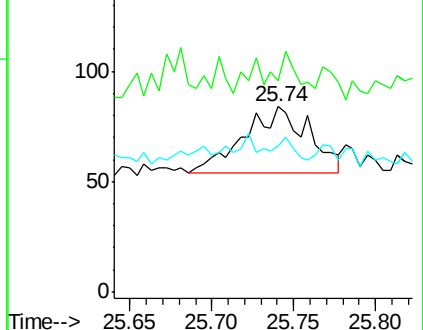
277 8.6 19.8 29.6#

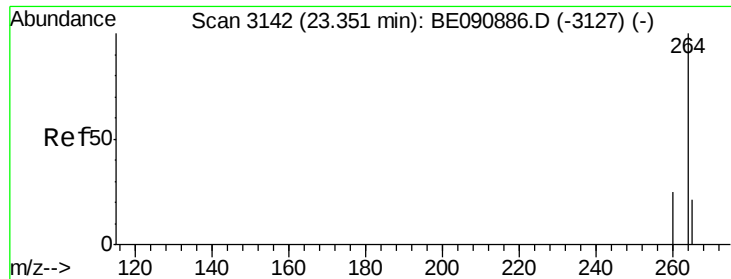


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

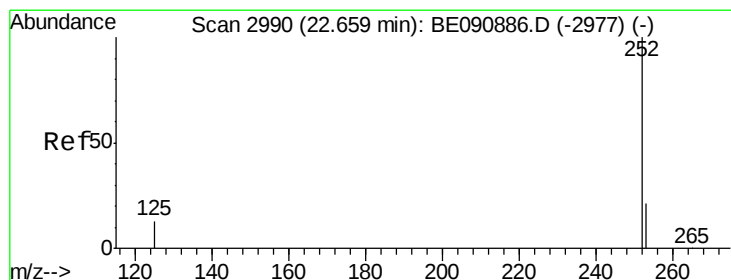
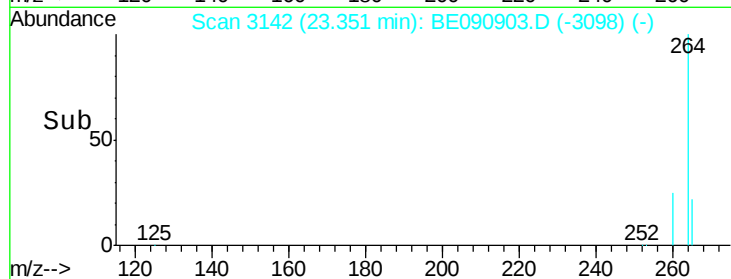
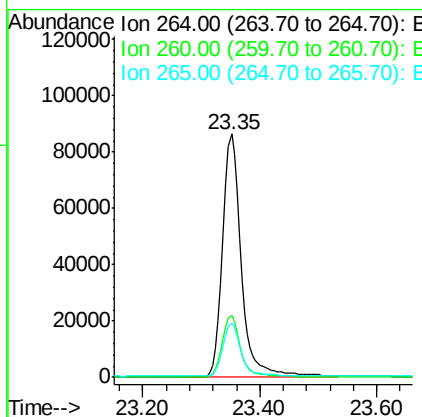
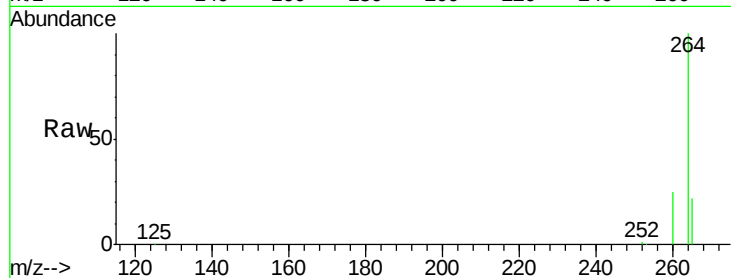




#33
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

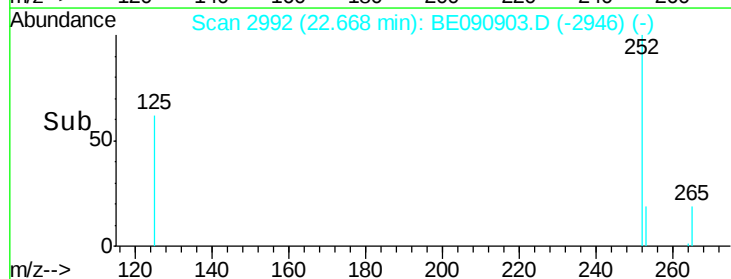
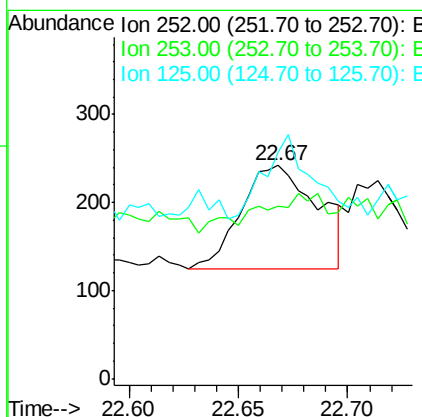
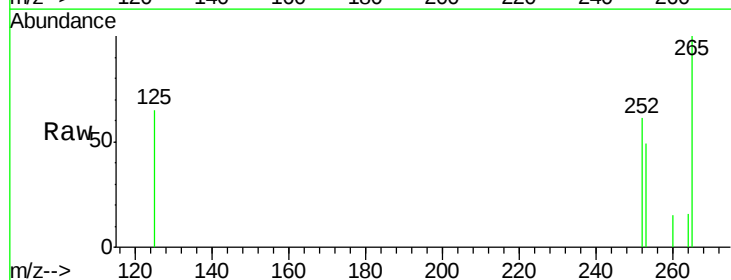
Instrument :
BNA_E
ClientSampleId :
091615-D534-F-U-B

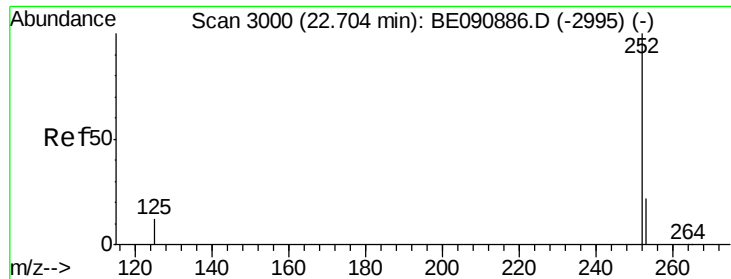
Tot Ion:264 Resp: 190761
Ion Ratio Lower Upper
264 100
260 25.2 19.7 29.5
265 22.2 17.5 26.3



#34
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.67 min Scan# 2992
Delta R.T. 0.01 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:252 Resp: 287
Ion Ratio Lower Upper
252 100
253 81.0 17.9 26.9#
125 106.2 10.6 16.0#





#35

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 22.71 min Scan# 3002

Delta R.T. 0.01 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

Instrument :

BNA_E

ClientSampleId :

091615-D534-F-U-B

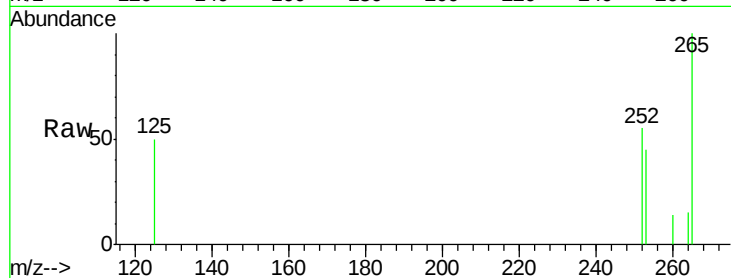
Tot Ion:252 Resp: 167

Ion Ratio Lower Upper

252 100

253 80.9 17.9 26.9#

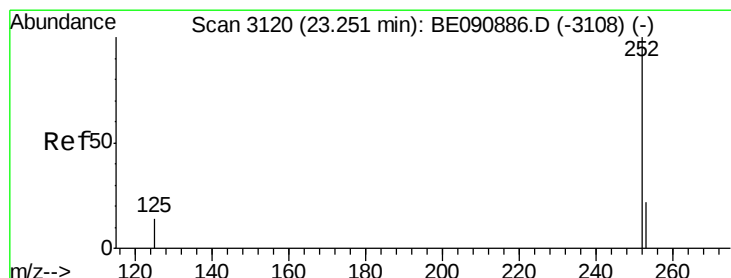
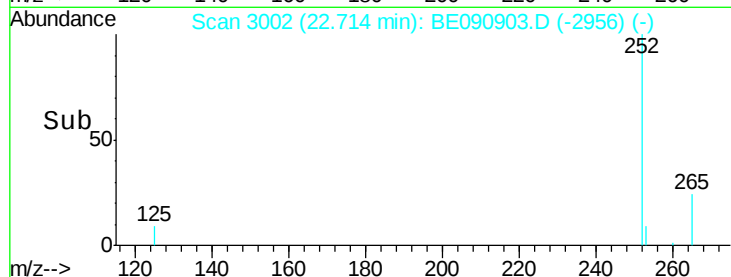
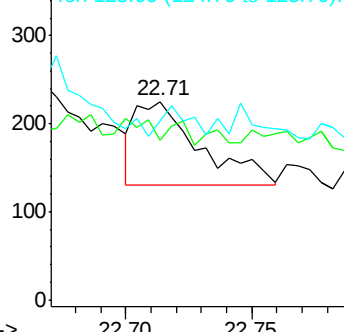
125 90.2 10.1 15.1#



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

Benzo(a)pyrene

Concen: 0.00 ng

RT: 23.25 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BE090903.D

Acq: 19 Sep 2015 9:17

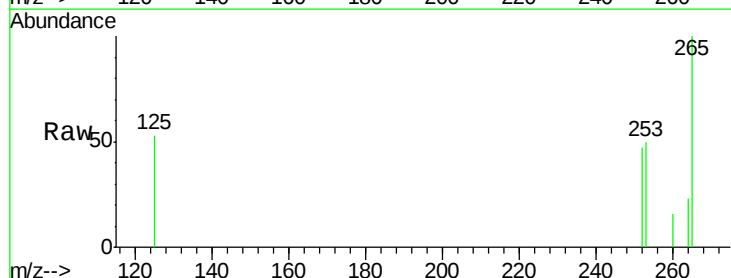
Tgt Ion:252 Resp: 154

Ion Ratio Lower Upper

252 100

253 106.5 17.2 25.8#

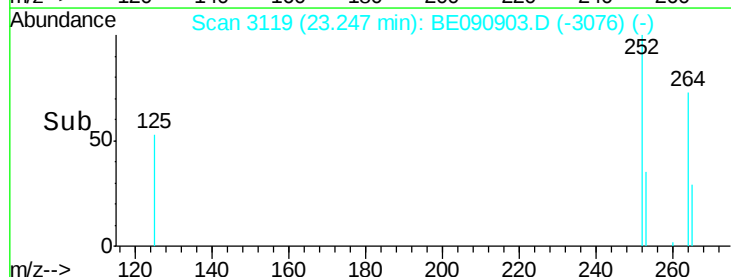
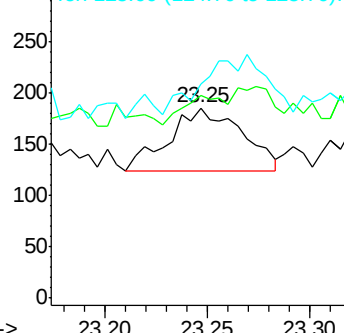
125 112.4 18.0 27.0#

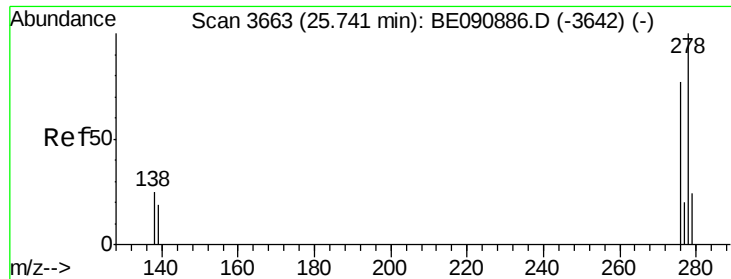


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

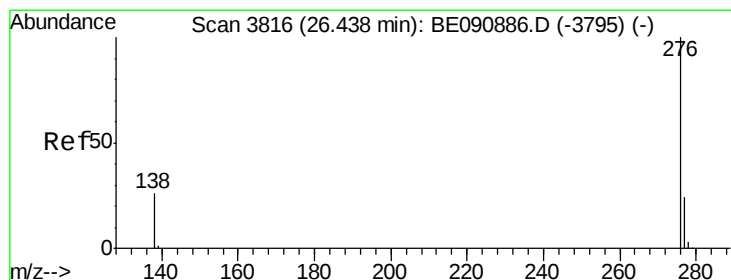
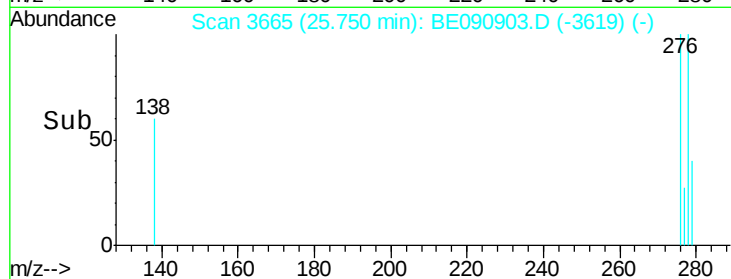
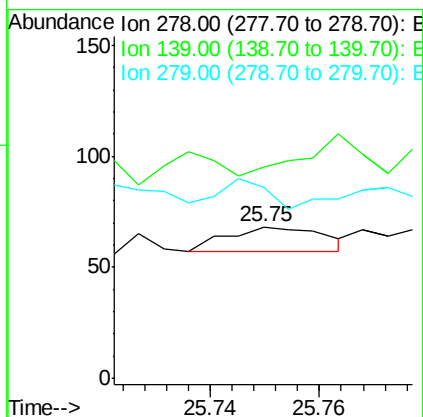
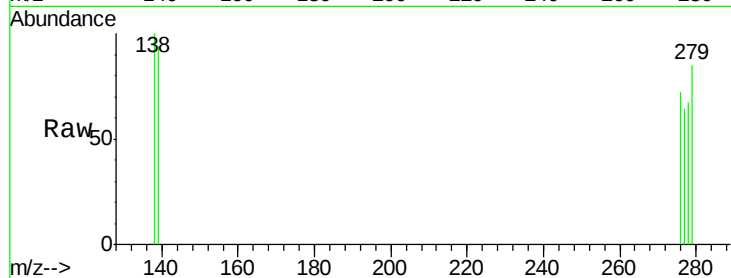




#37
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.75 min Scan# 3665
Delta R.T. 0.01 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Instrument :
BNA_E
ClientSampleId :
091615-D534-F-U-B

Tot Ion:278 Resp: 14
Ion Ratio Lower Upper
278 100
139 139.7 15.4 23.0#
279 126.5 18.8 28.2#



#38
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.46 min Scan# 3820
Delta R.T. 0.02 min
Lab File: BE090903.D
Acq: 19 Sep 2015 9:17

Tgt Ion:276 Resp: 67
Ion Ratio Lower Upper
276 100
277 86.4 18.5 27.7#
138 121.0 20.1 30.1#

