

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
 Data File : BE090902.D
 Acq On : 19 Sep 2015 8:41
 Operator : UM/IZ
 Sample : G3722-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091615-D549-E-U-M

Quant Time: Sep 21 02:33:45 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	25075	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	104547	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	54299	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	135934	5.00	ng	0.00
26) Chrysene-d12	21.07	240	193670	5.00	ng	0.00
33) Perylene-d12	23.35	264	182178	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	20585	3.64	ng	0.00
5) Phenol-d6	6.75	99	16281	2.08	ng	0.00
8) Nitrobenzene-d5	8.71	82	28488	3.95	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	17524	9.14	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	60647	3.94	ng	0.00
28) Terphenyl-d14	19.53	244	126817	5.80	ng	0.00

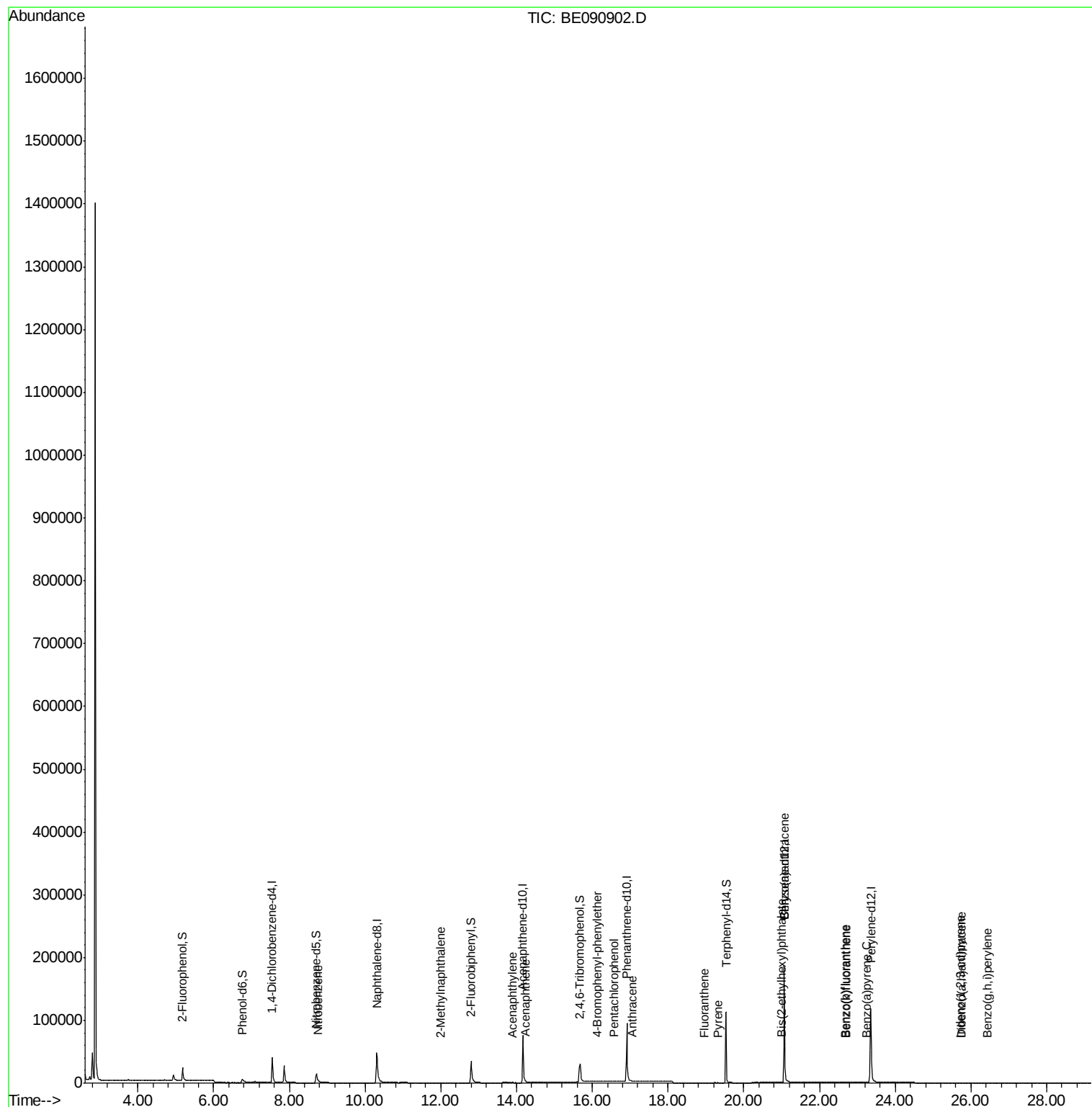
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	53	Below Cal	#	16
3) n-Nitrosodimethylamine	3.41	42	58	Below Cal	#	1
6) bis(2-Chloroethyl)ether	6.98	93	20	Below Cal	#	16
9) Nitrobenzene	8.76	77	21	0.00 ng	#	56
10) Naphthalene	10.36	128	341	Below Cal	#	30
11) Hexachlorobutadiene	10.68	225	5	Below Cal	#	23
12) 2-Methylnaphthalene	12.00	142	102	0.01 ng	#	73
16) Acenaphthylene	13.88	152	194	0.00 ng	#	85
17) Acenaphthene	14.23	154	59	0.00 ng	#	58
18) Fluorene	15.24	166	121	Below Cal	#	69
20) 4-Bromophenyl-phenylether	16.13	248	17	0.00 ng	#	1
21) Hexachlorobenzene	16.28	284	57	Below Cal	#	1
22) Pentachlorophenol	16.58	266	33	0.19 ng	#	64
23) Phenanthrene	16.94	178	521	Below Cal	#	78
24) Anthracene	17.05	178	160	0.01 ng	#	83
25) Fluoranthene	18.96	202	308	0.01 ng	#	84
27) Pyrene	19.32	202	405	0.01 ng	#	89
29) Benzo(a)anthracene	21.07	228	759	0.02 ng	#	81
30) Chrysene	21.10	228	291	Below Cal	#	60
31) Bis(2-ethylhexyl)phthalate	20.99	149	1218	0.22 ng	#	95
32) Indeno(1,2,3-cd)pyrene	25.72	276	23	0.00 ng	#	48
34) Benzo(b)fluoranthene	22.66	252	219	0.01 ng	#	1
35) Benzo(k)fluoranthene	22.70	252	140	0.00 ng	#	1
36) Benzo(a)pyrene	23.24	252	37	0.00 ng	#	1
37) Dibenzo(a,h)anthracene	25.75	278	14	0.00 ng	#	1
38) Benzo(g,h,i)perylene	26.43	276	29	0.00 ng	#	1

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

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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: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-U-M

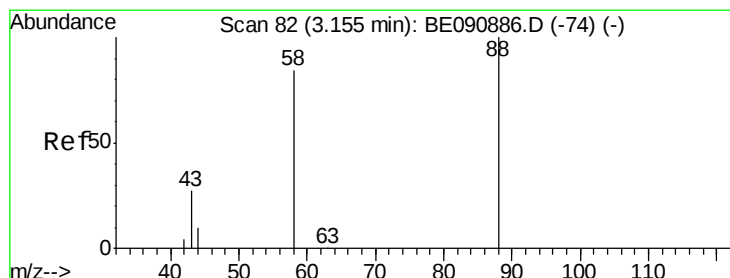
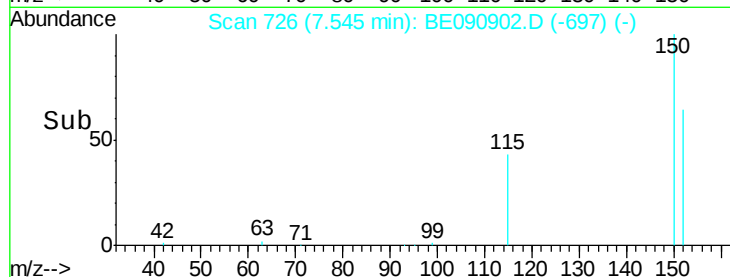
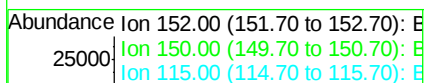
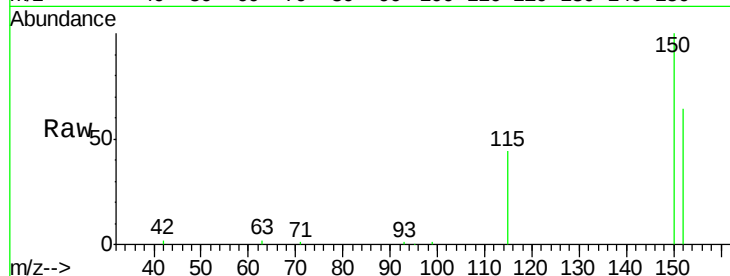
Tot Ion:152 Resp: 25075

Ion Ratio Lower Upper

152 100

150 156.8 122.2 183.4

115 68.4 51.0 76.4



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.24 min Scan# 94

Delta R.T. 0.08 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

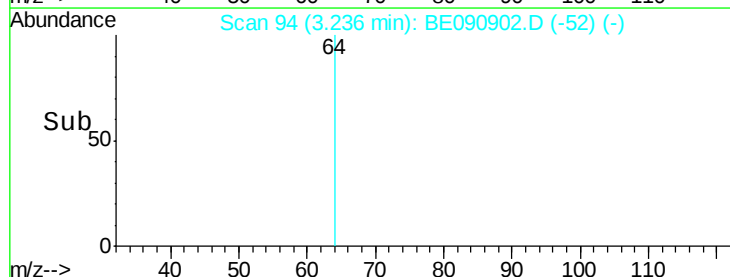
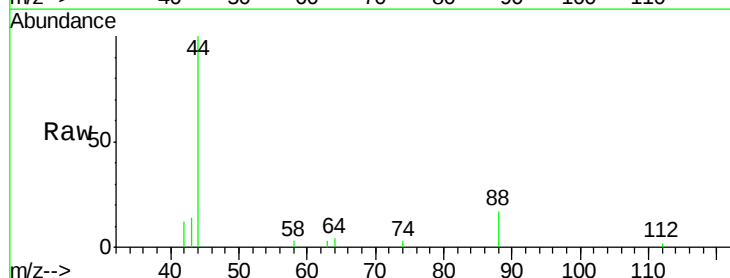
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

43 0.0 26.9 40.3#



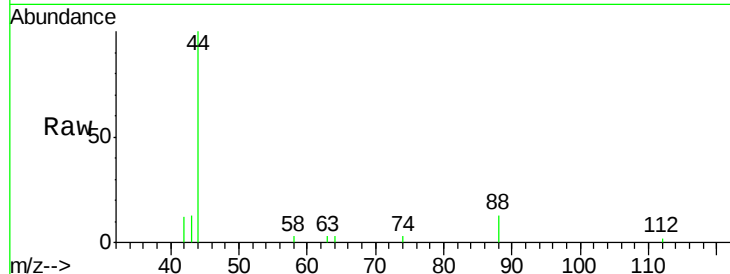


#3

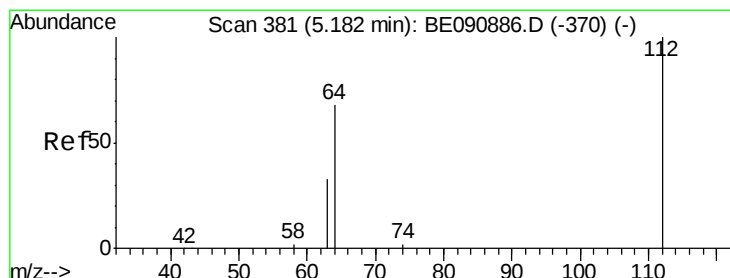
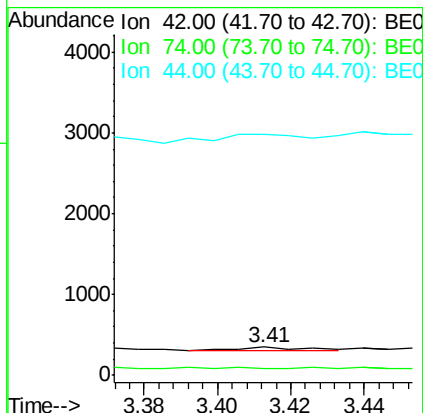
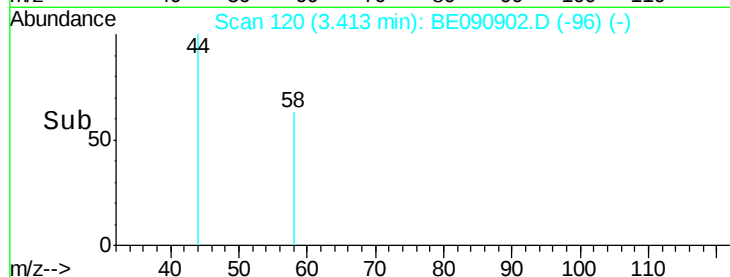
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.41 min Scan# 120
 Delta R.T. -0.04 min
 Lab File: BE090902.D
 Acq: 19 Sep 2015 8:41

Instrument :
 BNA_E
 ClientSampleId :
 091615-D549-E-U-M

Tot Ion	42	Resp	58
Ion Ratio	100		
Lower		83.7	125.5#
Upper		10.0	15.0#



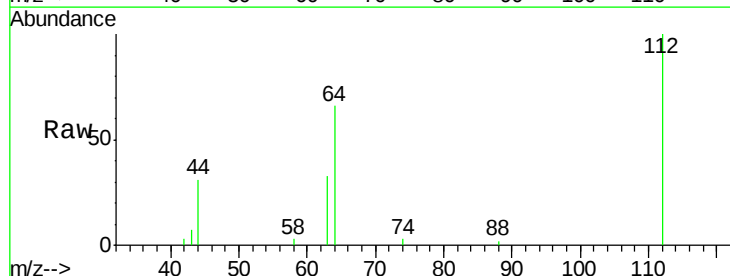
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



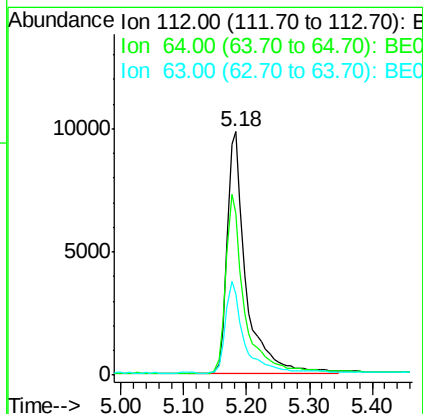
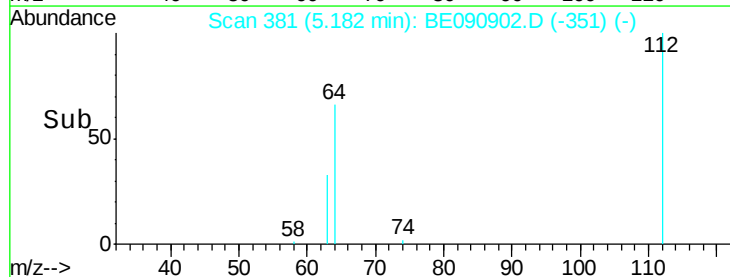
#4

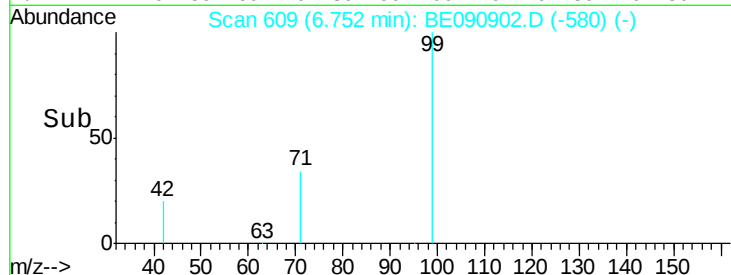
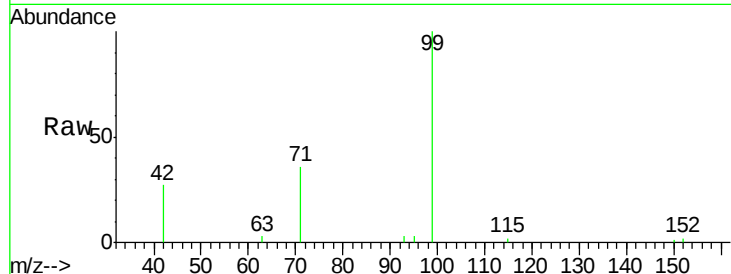
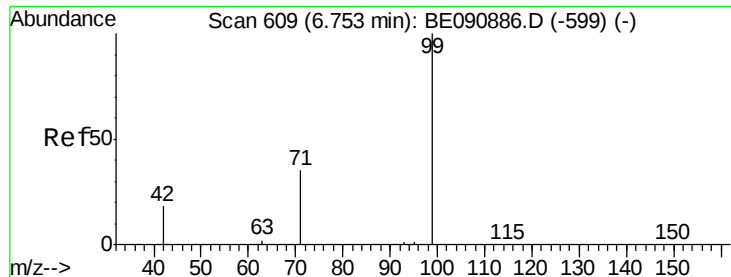
2-Fluorophenol
 Concen: 3.64 ng
 RT: 5.18 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: BE090902.D
 Acq: 19 Sep 2015 8:41

Tgt Ion	112	Resp	20585
Ion Ratio	100		
Lower		57.3	85.9
Upper		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: 2.08 ng

RT: 6.75 min Scan# 609

Delta R.T. -0.00 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-U-M

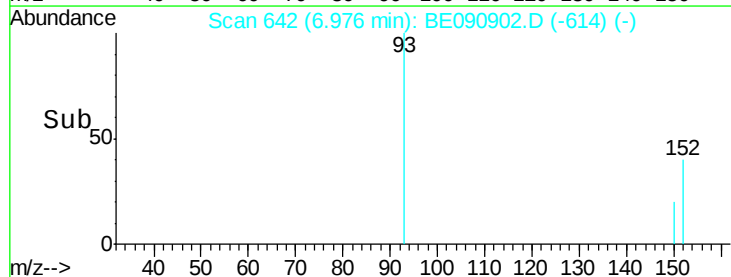
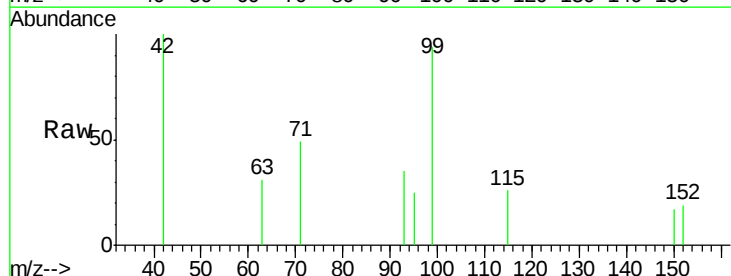
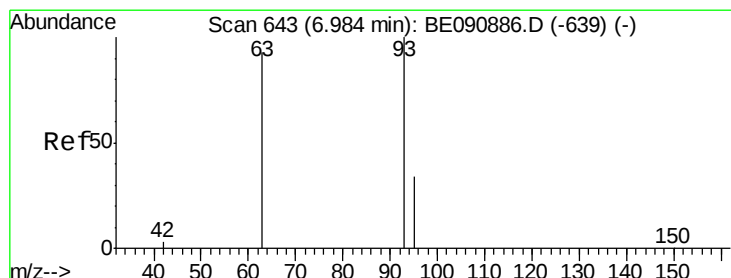
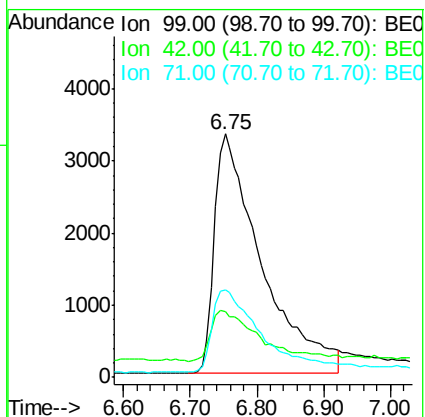
Tot Ion: 99 Resp: 16281

Ion Ratio Lower Upper

99 100

42 22.8 16.8 25.2

71 36.4 28.3 42.5



#6

bis(2-Chloroethyl)ether

Concen: Below Cal

RT: 6.98 min Scan# 642

Delta R.T. -0.01 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

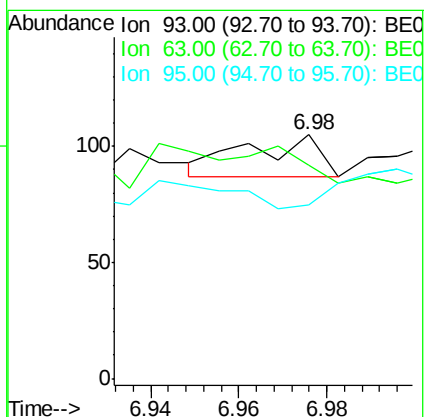
Tgt Ion: 93 Resp: 20

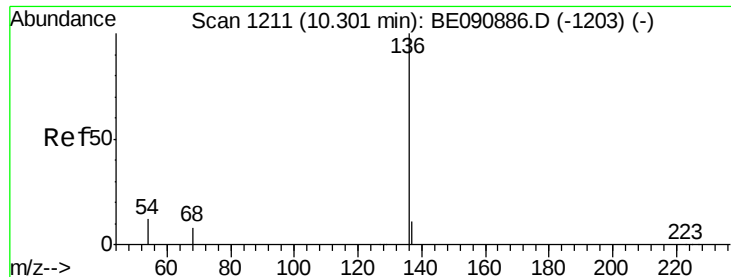
Ion Ratio Lower Upper

93 100

63 0.0 68.5 102.7#

95 0.0 26.9 40.3#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-U-M

Tot Ion:136 Resp: 104547

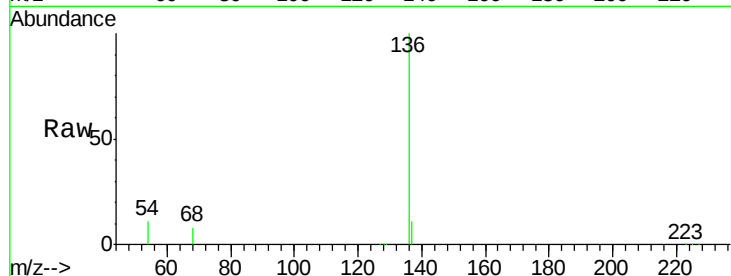
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.5 9.0 13.6

68 8.5 6.3 9.5

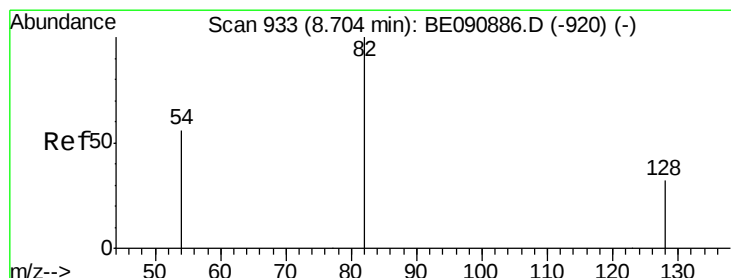
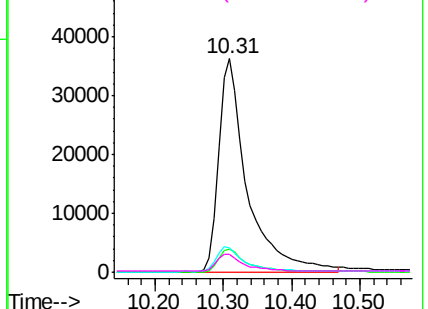
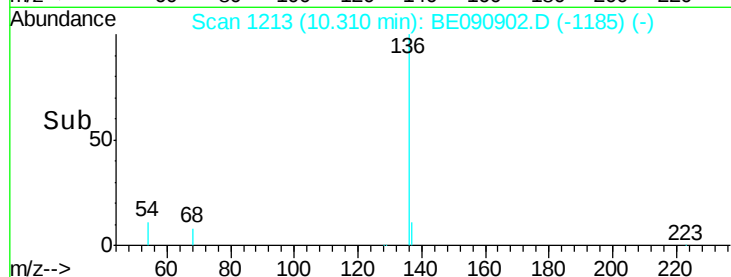


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.95 ng

RT: 8.71 min Scan# 935

Delta R.T. 0.01 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

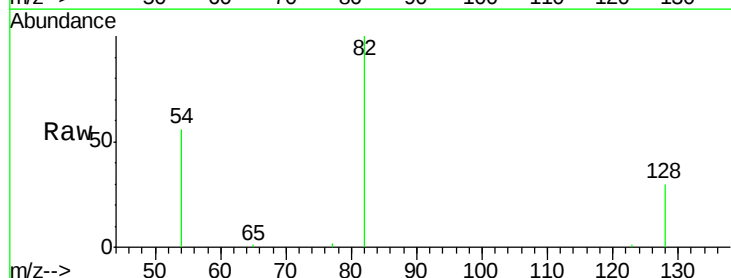
Tgt Ion: 82 Resp: 28488

Ion Ratio Lower Upper

82 100

128 29.9 25.0 37.4

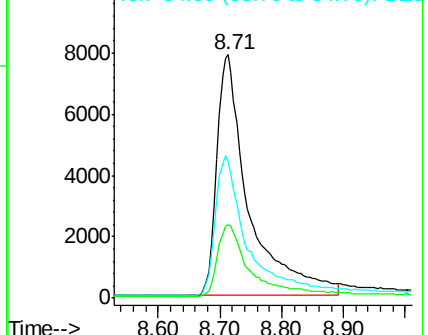
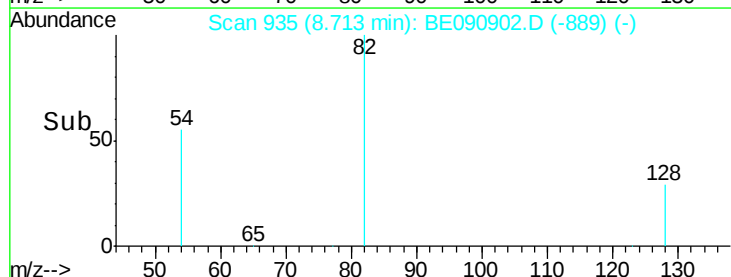
54 55.9 46.3 69.5

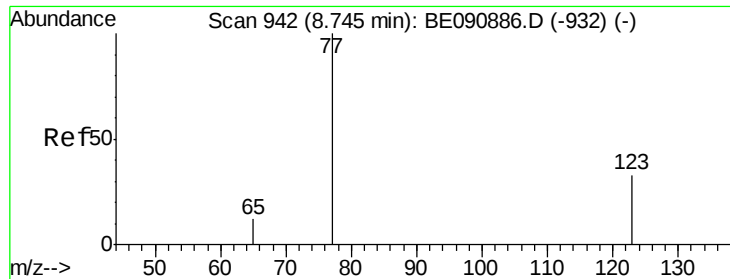


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 8.76 min Scan# 945

Delta R.T. 0.01 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-U-M

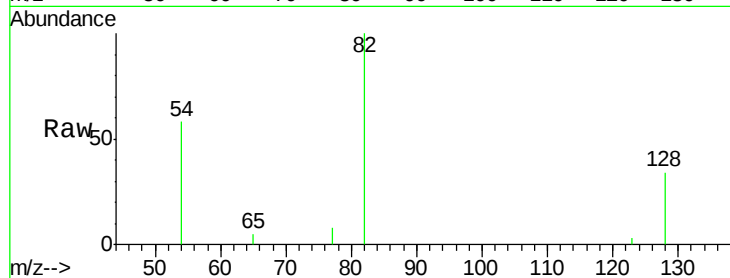
Tot Ion: 77 Resp: 21

Ion Ratio Lower Upper

77 100

123 14.3 25.1 37.7#

65 42.9 9.9 14.9#



Abundance Ion 77.00 (76.70 to 77.70): BE090886.D (-932) (-)

Ion 123.00 (122.70 to 123.70): BE090886.D (-932) (-)

Ion 65.00 (64.70 to 65.70): BE090886.D (-932) (-)

8.76

150

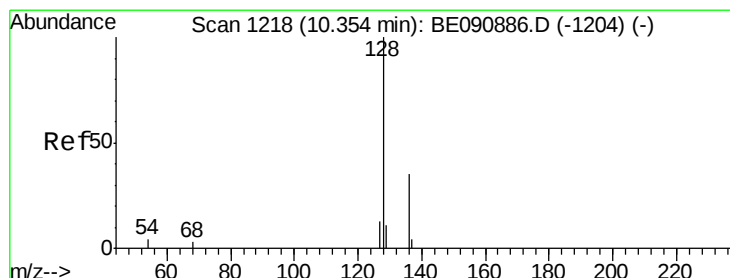
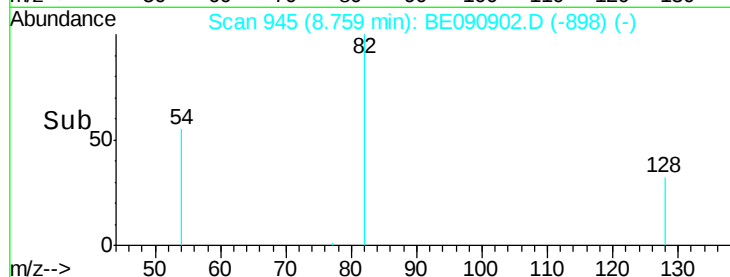
100

50

0

8.76 8.78

Time-->



#10

Naphthalene

Concen: Below Cal

RT: 10.36 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

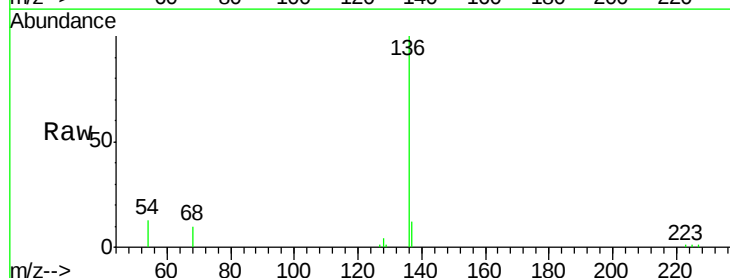
Tgt Ion: 128 Resp: 341

Ion Ratio Lower Upper

128 100

129 38.0 8.4 12.6#

127 38.5 9.9 14.9#



Abundance Ion 128.00 (127.70 to 128.70): BE090886.D (-1204) (-)

Ion 129.00 (128.70 to 129.70): BE090886.D (-1204) (-)

Ion 127.00 (126.70 to 127.70): BE090886.D (-1204) (-)

10.36

250

200

150

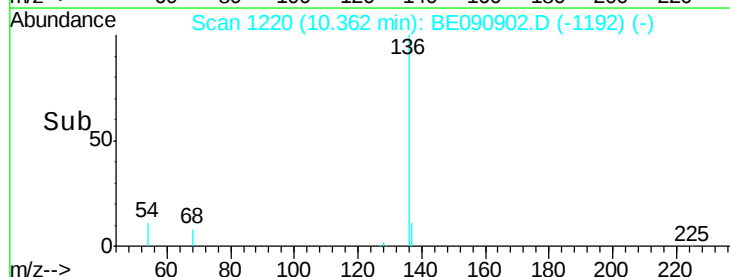
100

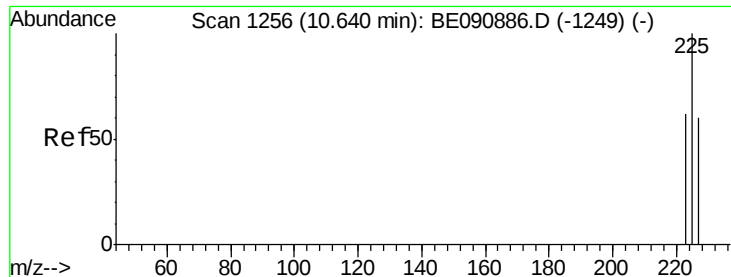
50

0

10.30 10.35 10.40

Time-->





#11

Hexachlorobutadiene

Concen: Below Cal

RT: 10.68 min Scan# 1262

Delta R.T. 0.04 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

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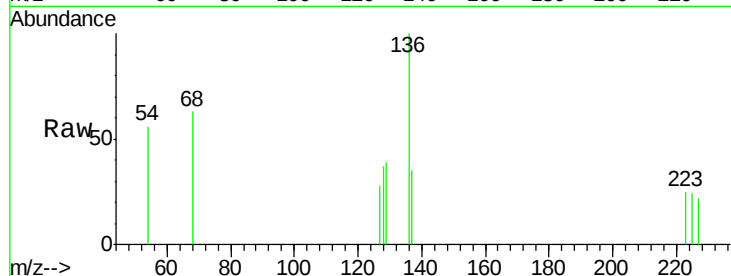
Tot Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 120.0 50.6 76.0#

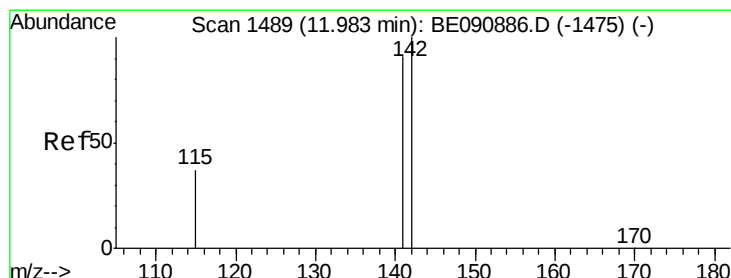
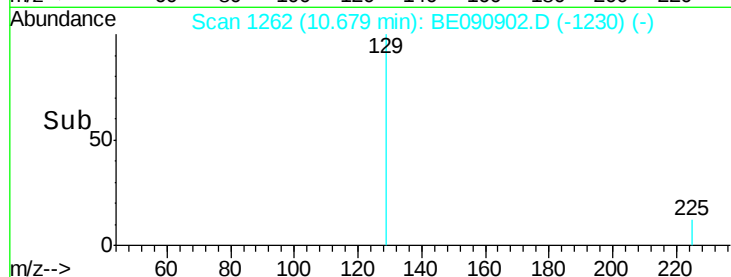
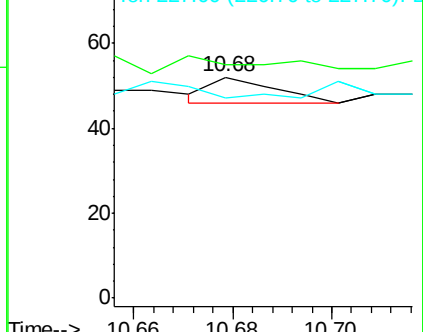
227 0.0 51.0 76.6#



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: 0.01 ng

RT: 12.00 min Scan# 1495

Delta R.T. 0.02 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

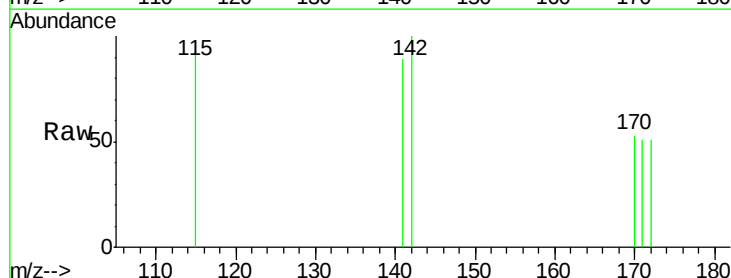
Tgt Ion:142 Resp: 102

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2

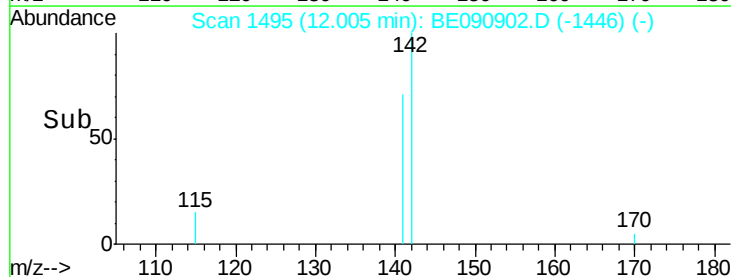
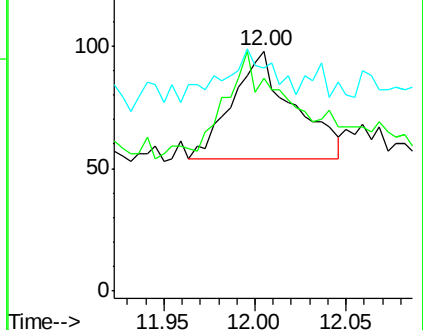
115 92.9 31.0 46.4#

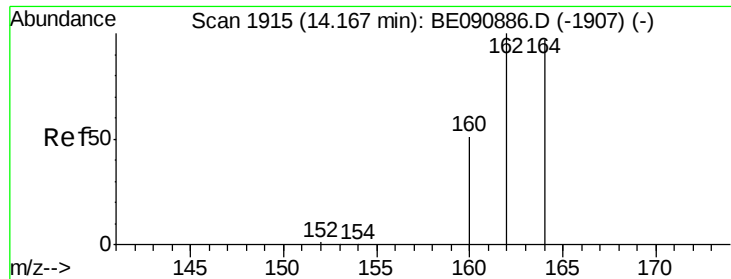


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1916

Delta R.T. 0.00 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

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ClientSampleId :

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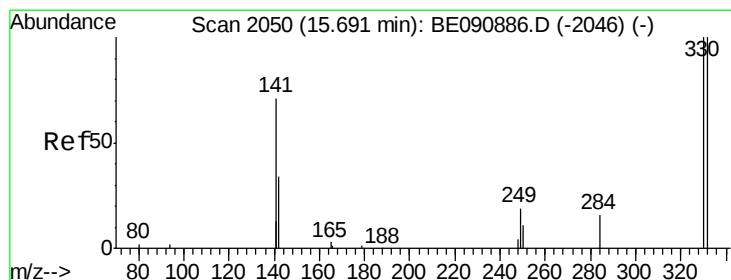
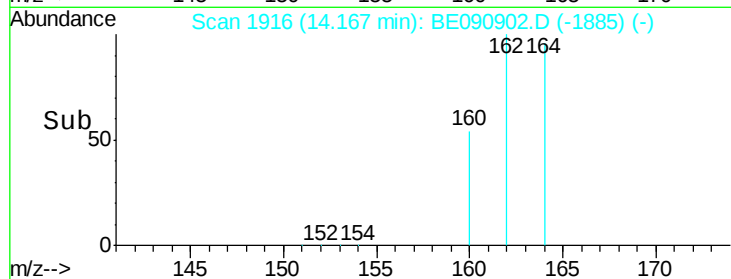
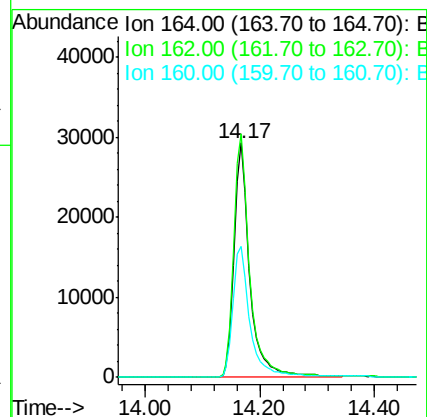
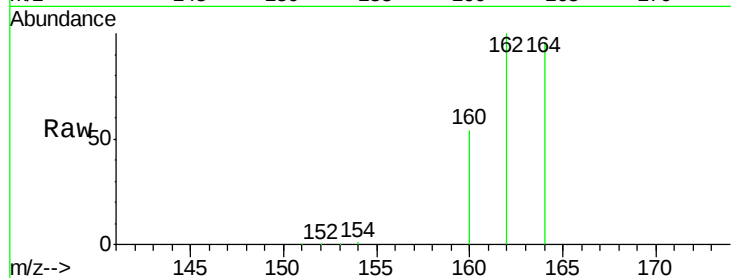
Tot Ion:164 Resp: 54299

Ion Ratio Lower Upper

164 100

162 103.9 86.8 130.2

160 56.1 53.9 80.9



#14

2,4,6-Tribromophenol

Concen: 9.14 ng

RT: 15.67 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

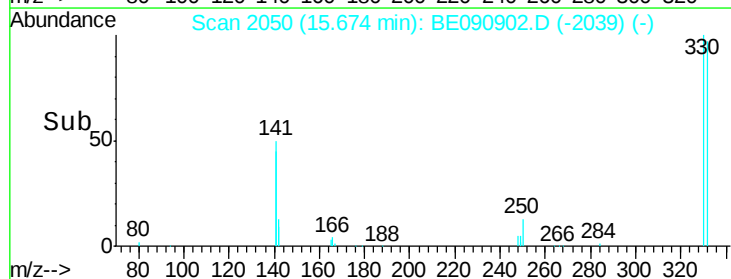
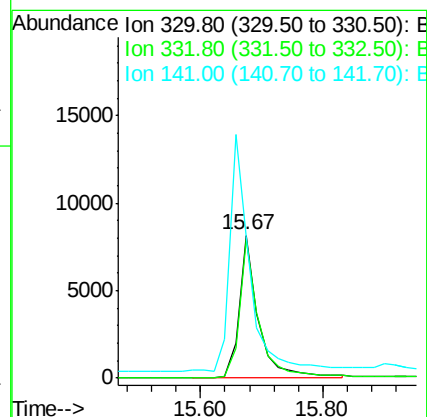
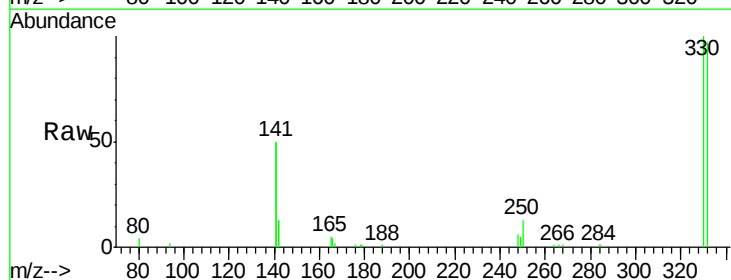
Tgt Ion:330 Resp: 17524

Ion Ratio Lower Upper

330 100

332 97.0 74.9 112.3

141 178.1 145.2 217.8

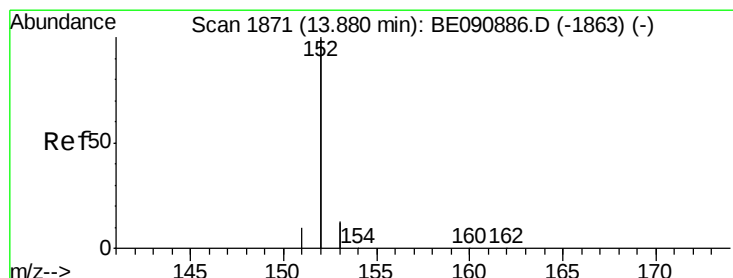
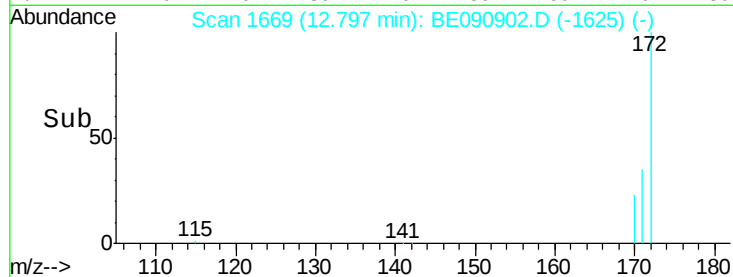
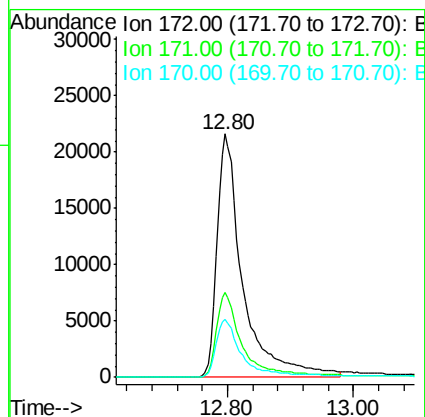
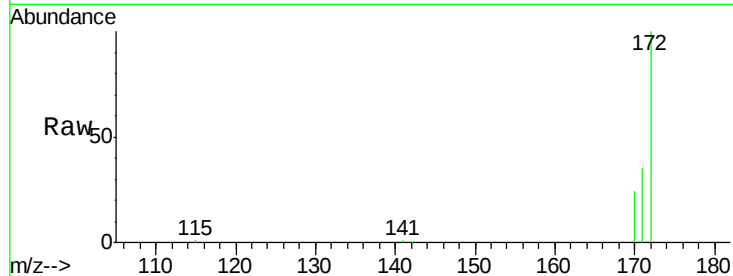




#15
2-Fluorobiphenyl
Concen: 3.94 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BE090902.D
Acq: 19 Sep 2015 8:41

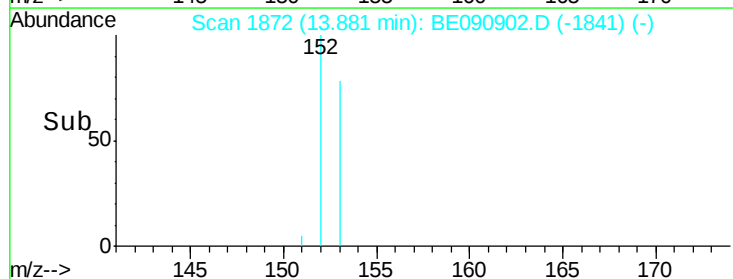
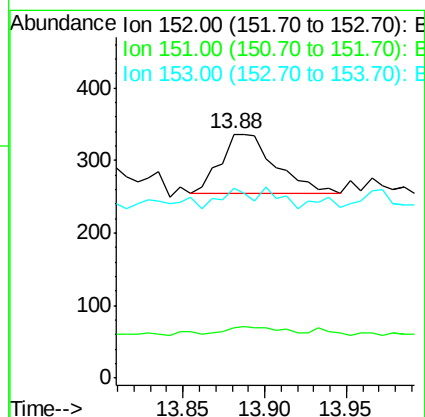
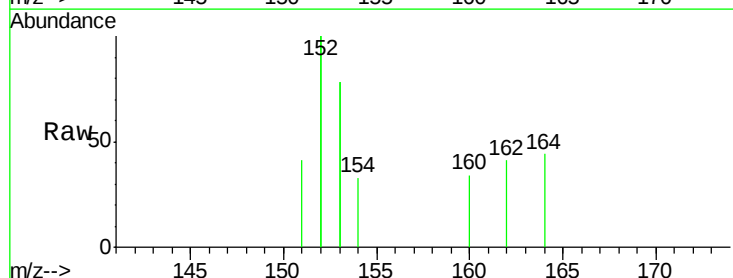
Instrument :
BNA_E
ClientSampleId :
091615-D549-E-U-M

Tot Ion:172 Resp: 60647
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.6 19.8 29.6



#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.88 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BE090902.D
Acq: 19 Sep 2015 8:41

Tgt Ion:152 Resp: 194
Ion Ratio Lower Upper
152 100
151 13.9 3.9 5.9#
153 17.0 10.3 15.5#





#17

Acenaphthene

Concen: 0.00 ng

RT: 14.23 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-U-M

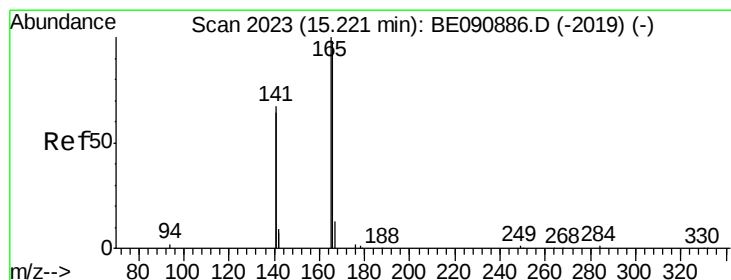
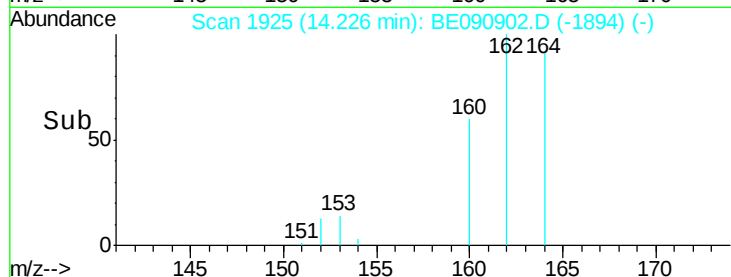
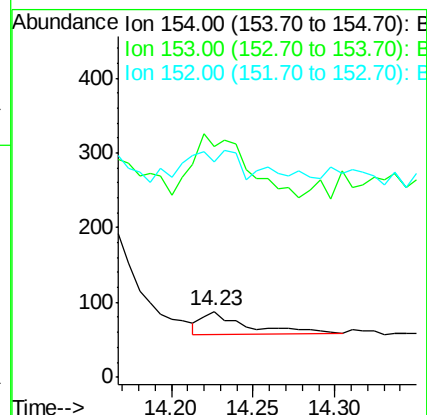
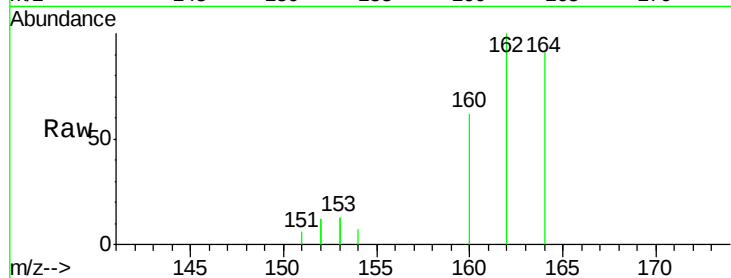
Tot Ion:154 Resp: 59

Ion Ratio Lower Upper

154 100

153 361.0 354.5 531.7

152 174.6 227.8 341.6#



#18

Fluorene

Concen: Below Cal

RT: 15.24 min Scan# 2025

Delta R.T. 0.02 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

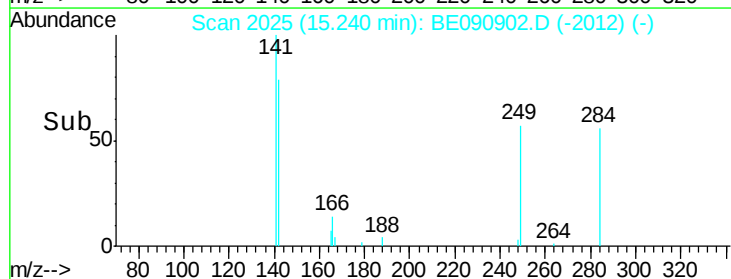
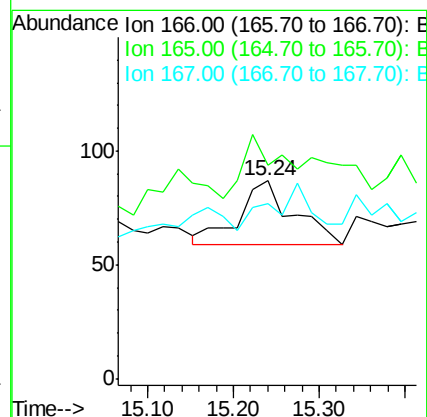
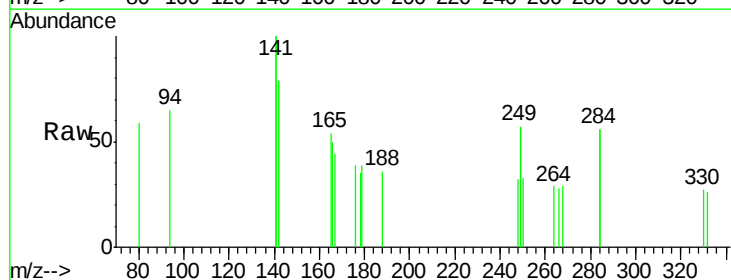
Tgt Ion:166 Resp: 121

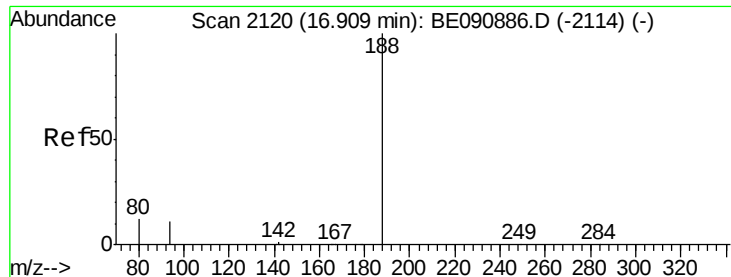
Ion Ratio Lower Upper

166 100

165 71.9 82.7 124.1#

167 0.0 10.7 16.1#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-U-M

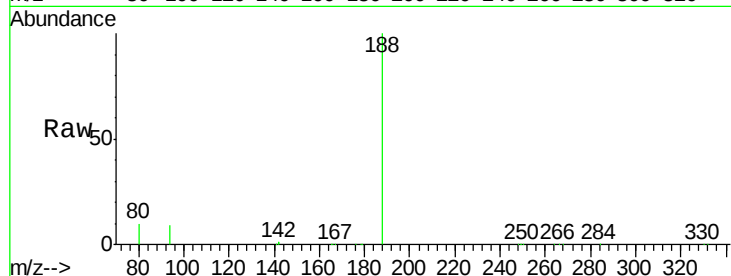
Tot Ion:188 Resp: 135934

Ion Ratio Lower Upper

188 100

94 9.2 10.3 15.5#

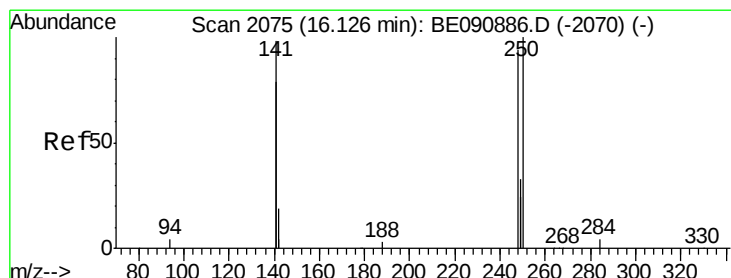
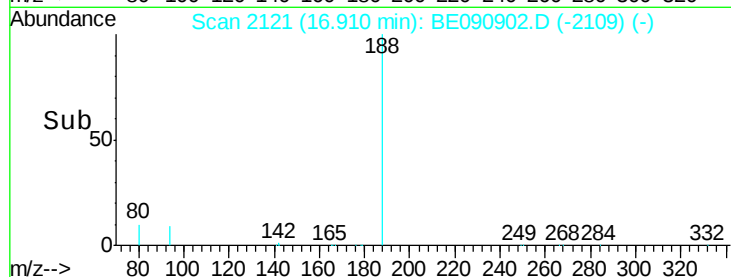
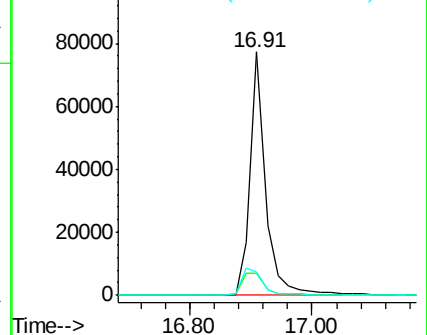
80 9.8 11.0 16.6#



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: 16.13 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

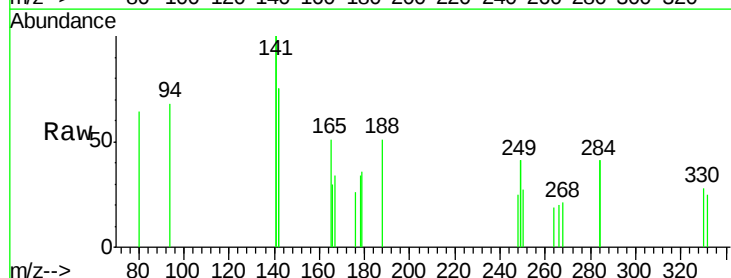
Tgt Ion:248 Resp: 17

Ion Ratio Lower Upper

248 100

250 0.0 76.7 115.1#

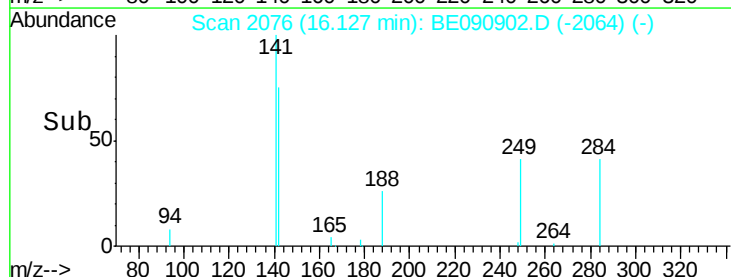
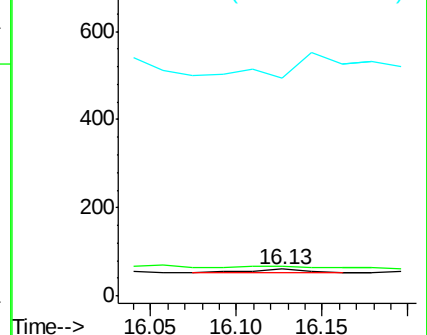
141 700.0 292.6 439.0#



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: 16.28 min Scan# 2085

Delta R.T. 0.05 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-U-M

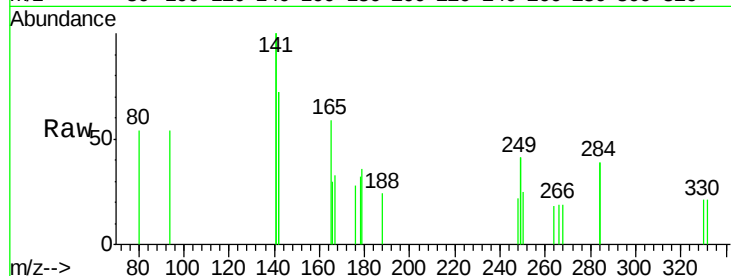
Tot Ion:284 Resp: 57

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

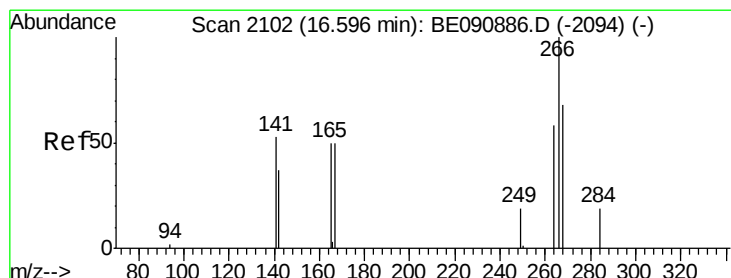
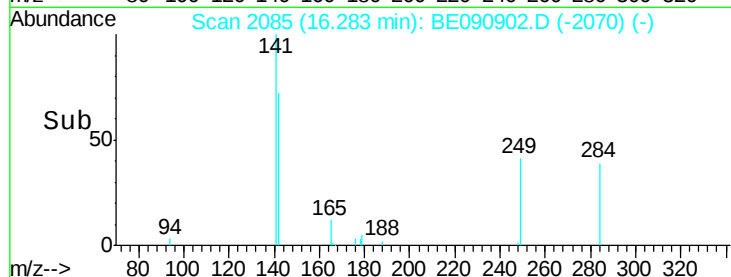
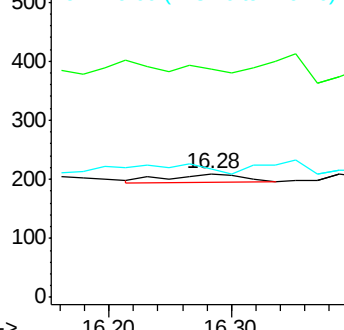
249 245.6 25.5 38.3#



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



#22

Pentachlorophenol

Concen: 0.19 ng

RT: 16.58 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

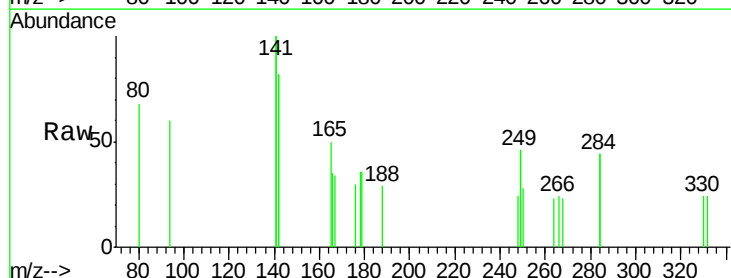
Tgt Ion:266 Resp: 33

Ion Ratio Lower Upper

266 100

268 93.0 49.6 74.4#

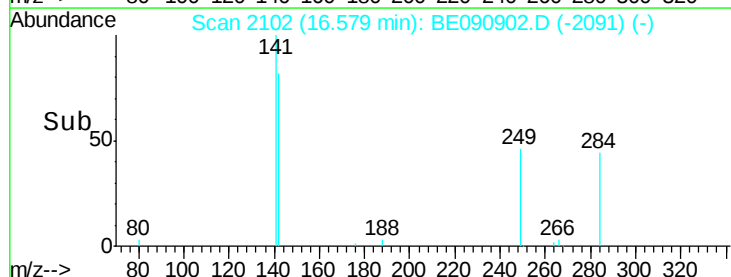
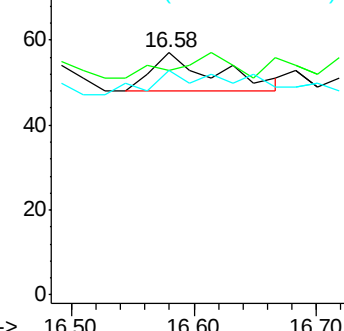
264 93.0 53.9 80.9#

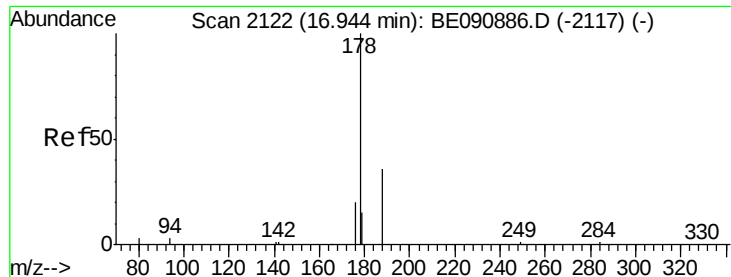


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 16.94 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-U-M

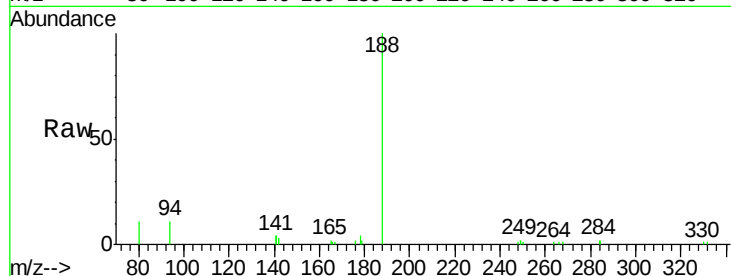
Tot Ion:178 Resp: 521

Ion Ratio Lower Upper

178 100

176 23.8 15.6 23.4#

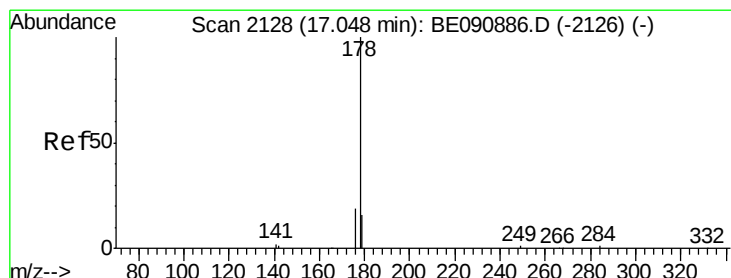
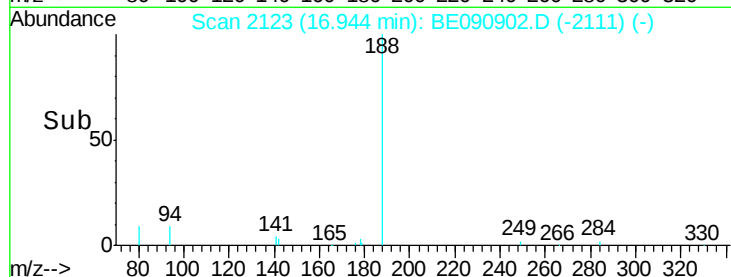
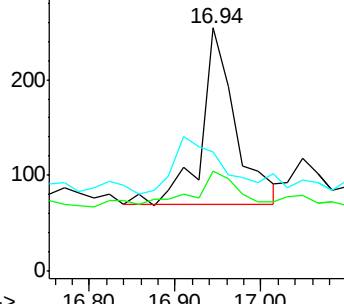
179 0.0 12.8 19.2#



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: 0.01 ng

RT: 17.05 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

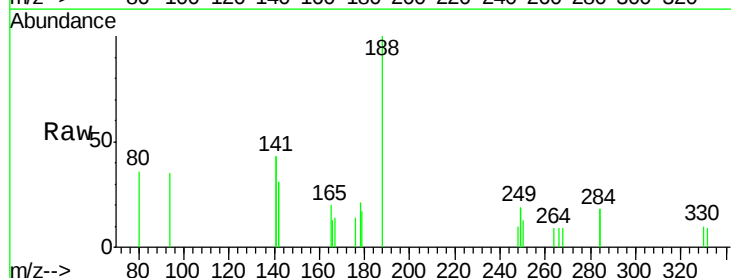
Tgt Ion:178 Resp: 160

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

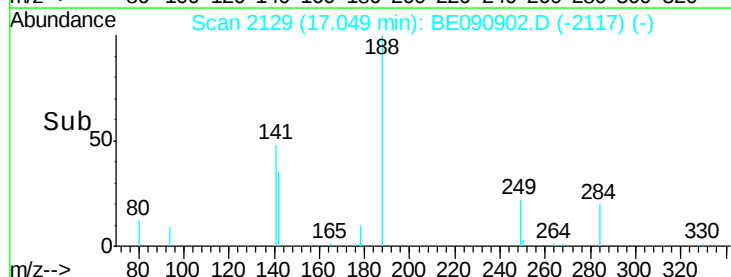
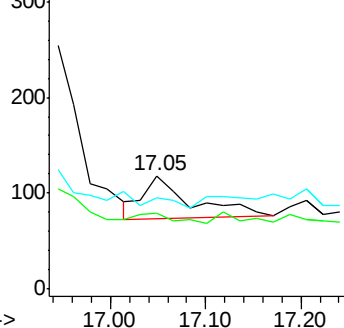
179 0.0 12.3 18.5#

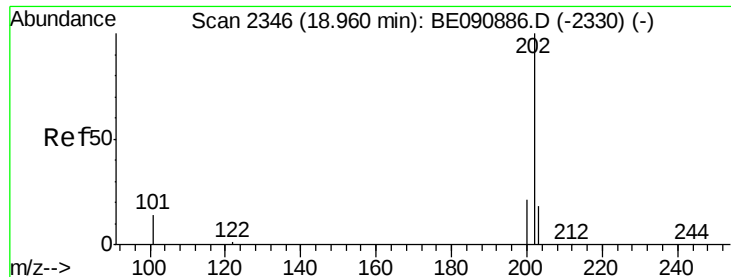


Abundance Ion 178.00 (177.70 to 178.70): E

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# 2347

Delta R.T. 0.00 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-U-M

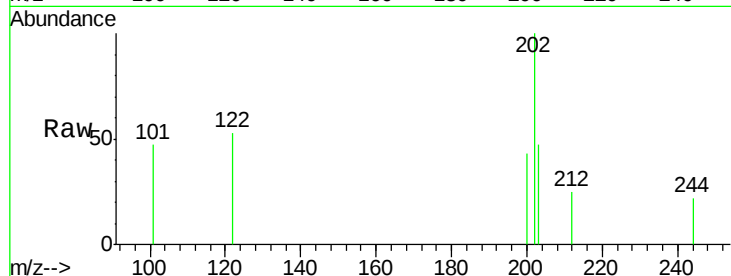
Tot Ion:202 Resp: 308

Ion Ratio Lower Upper

202 100

101 27.9 11.0 16.6#

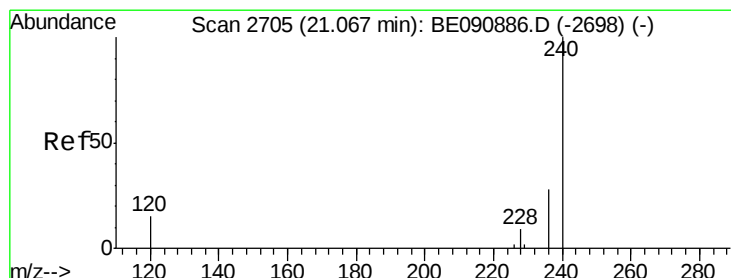
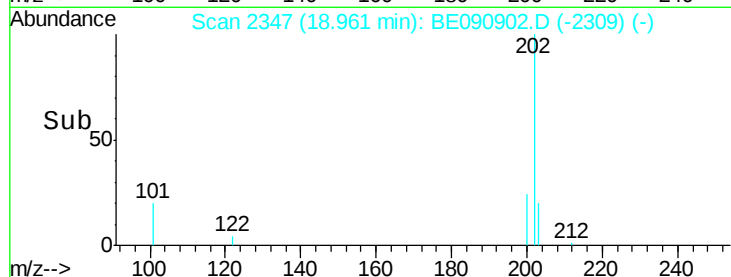
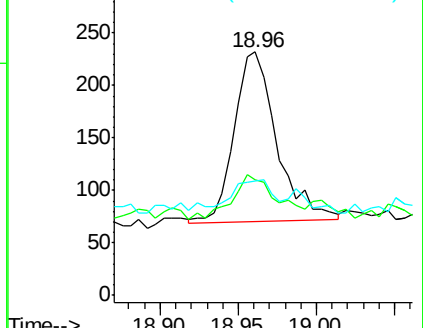
203 17.2 13.9 20.9



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# 2706

Delta R.T. 0.00 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

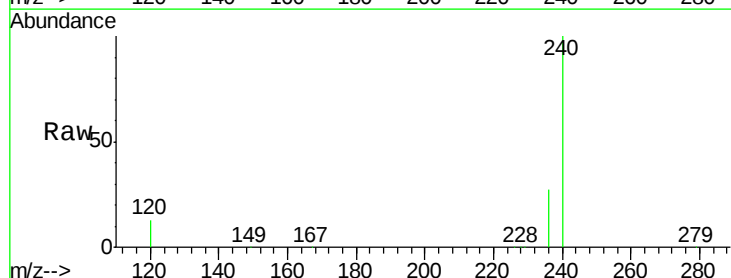
Tgt Ion:240 Resp: 193670

Ion Ratio Lower Upper

240 100

120 12.7 10.1 15.1

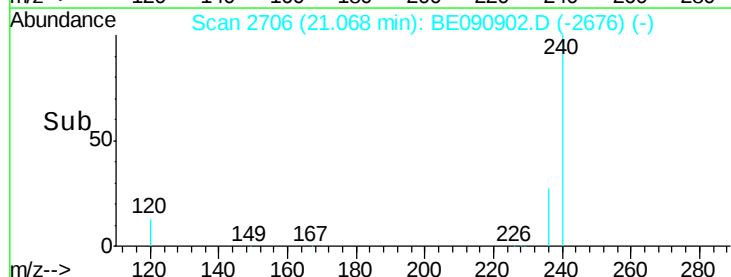
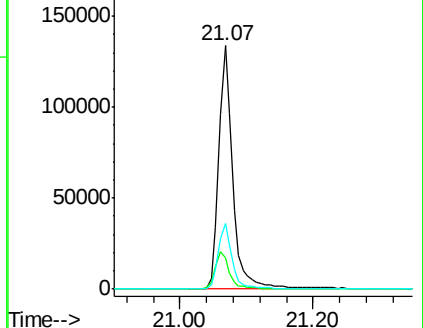
236 27.0 21.9 32.9

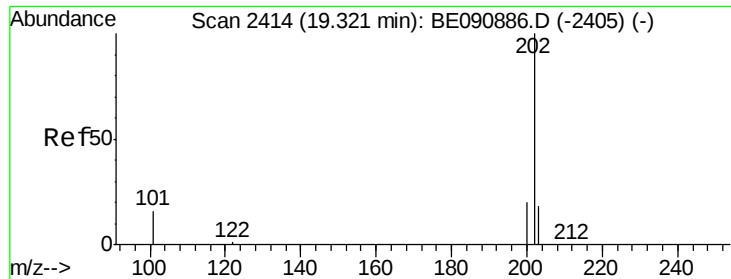


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

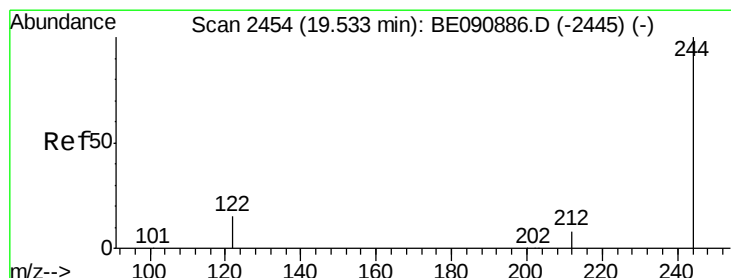
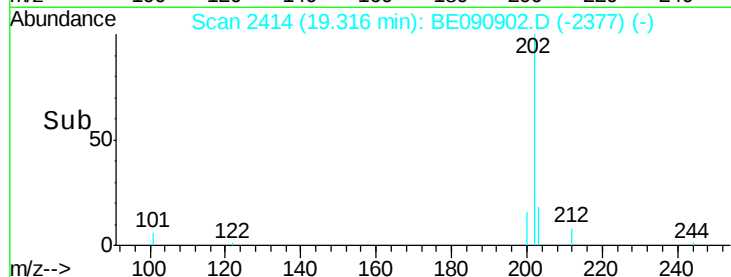
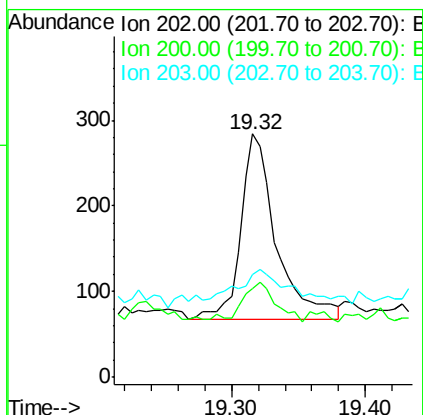
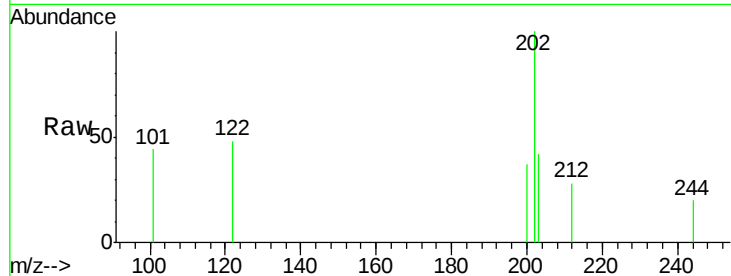




#27
Pvrene
Concen: 0.01 ng
RT: 19.32 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BE090902.D
Acq: 19 Sep 2015 8:41

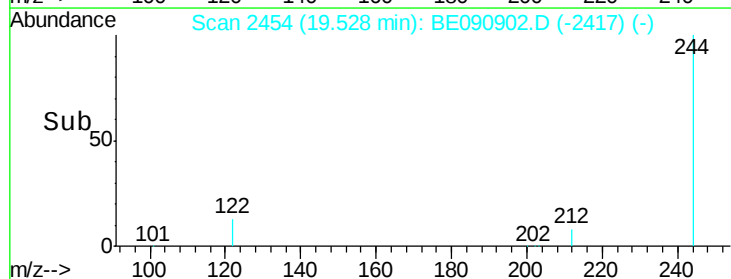
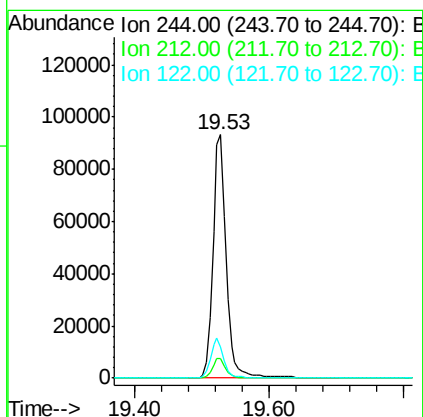
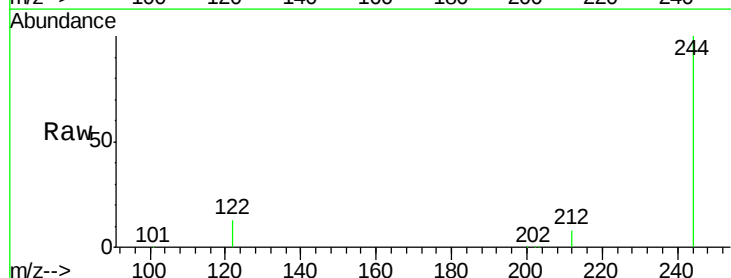
Instrument :
BNA_E
ClientSampleId :
091615-D549-E-U-M

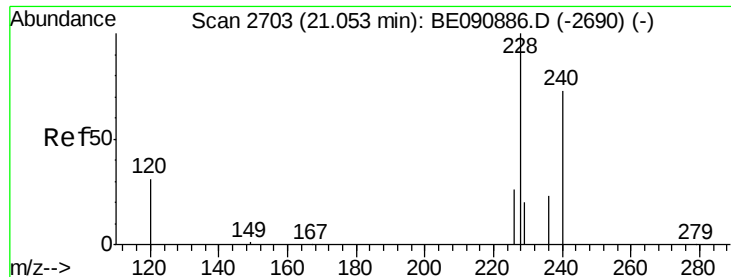
Tot Ion:202 Resp: 405
Ion Ratio Lower Upper
202 100
200 21.7 16.7 25.1
203 26.7 13.8 20.6#



#28
Terphenyl-d14
Concen: 5.80 ng
RT: 19.53 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BE090902.D
Acq: 19 Sep 2015 8:41

Tgt Ion:244 Resp: 126817
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 12.8 12.9 19.3#





#29

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.07 min Scan# 2706

Delta R.T. 0.01 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-U-M

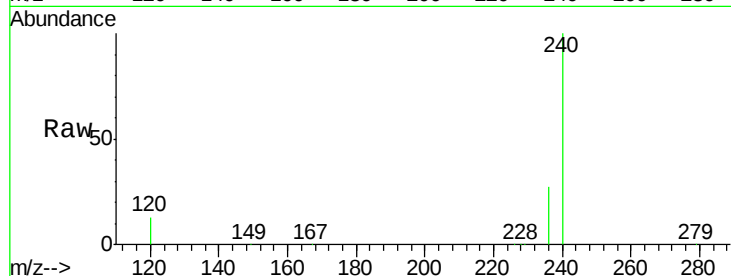
Tot Ion:228 Resp: 759

Ion Ratio Lower Upper

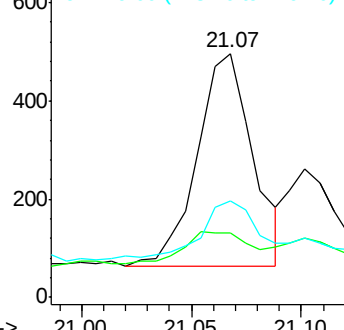
228 100

226 26.2 21.6 32.4

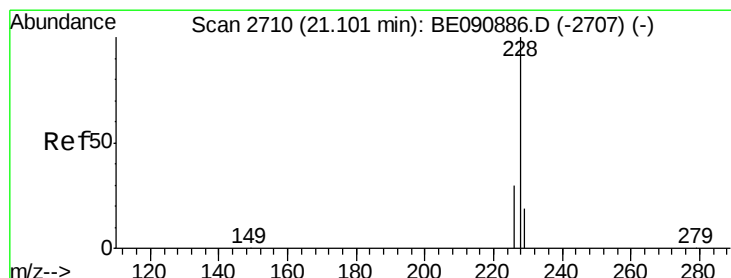
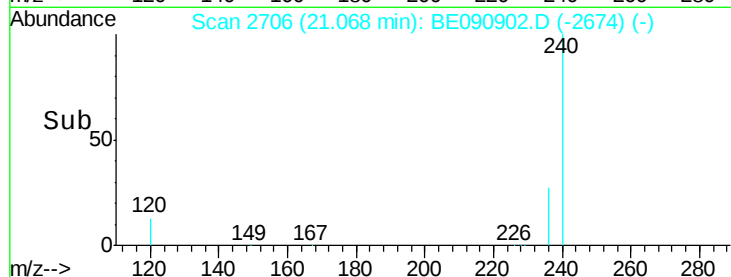
229 39.5 15.9 23.9#



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



Time-->



#30

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2711

Delta R.T. 0.00 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

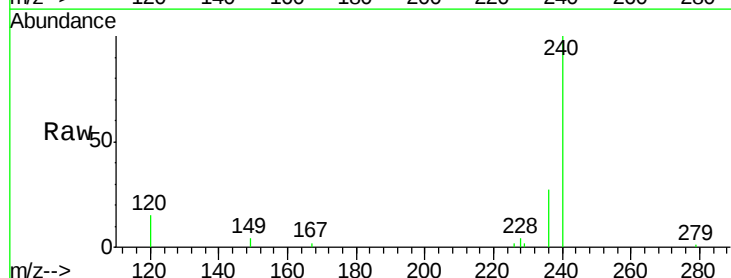
Tgt Ion:228 Resp: 291

Ion Ratio Lower Upper

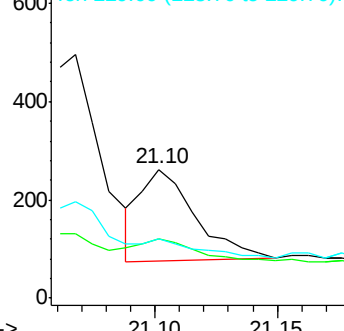
228 100

226 45.8 24.2 36.4#

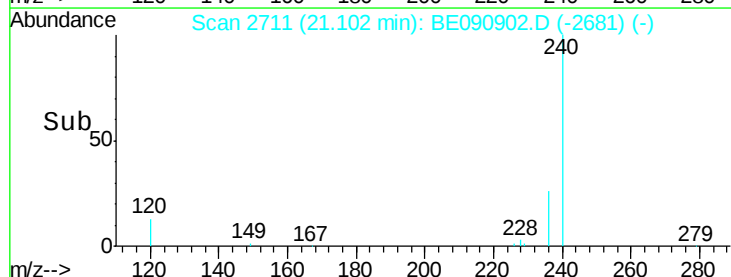
229 45.8 15.3 22.9#

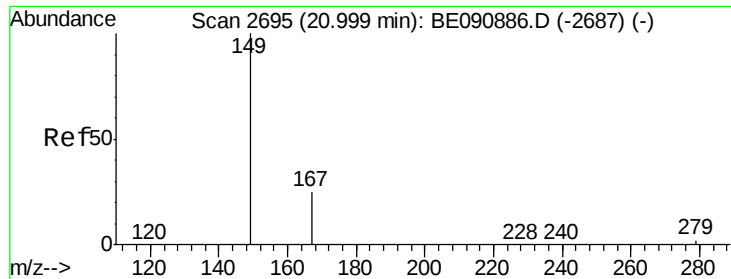


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->

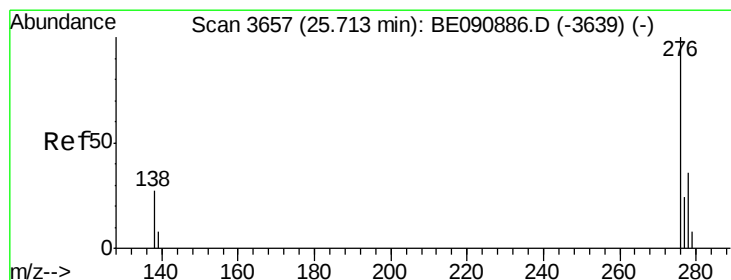
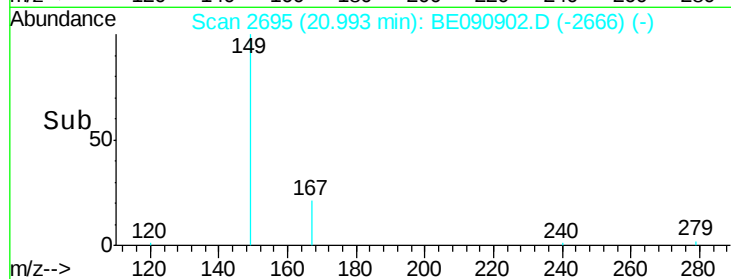
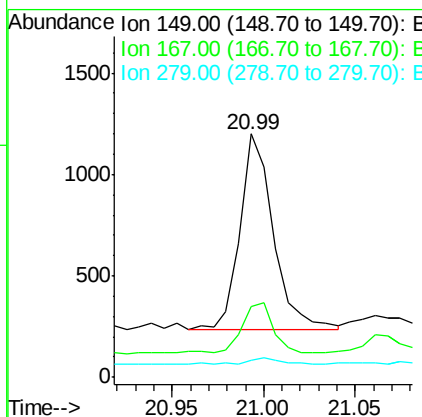
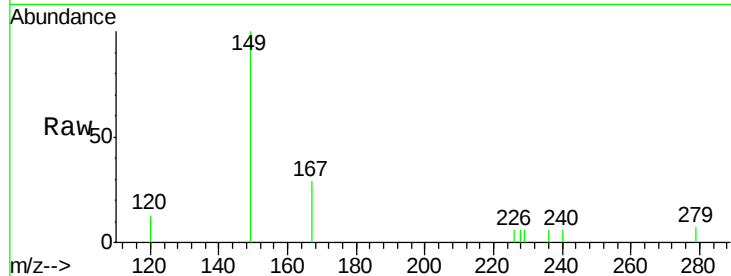




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 20.99 min Scan# 2695
 Delta R.T. -0.01 min
 Lab File: BE090902.D
 Acq: 19 Sep 2015 8:41

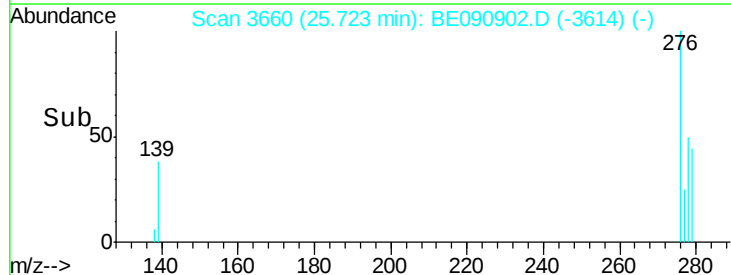
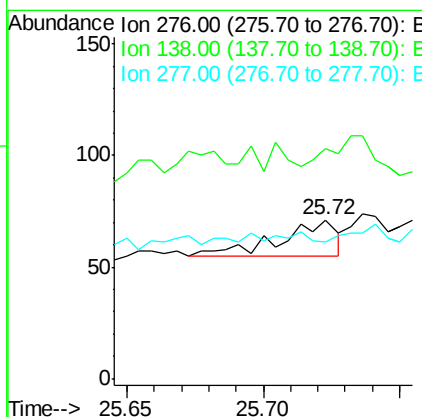
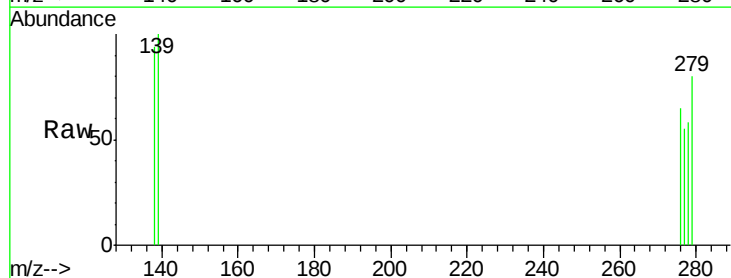
Instrument :
 BNA_E
 ClientSampleId :
 091615-D549-E-U-M

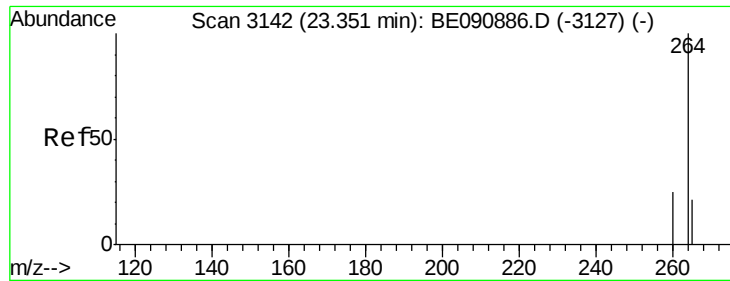
Tot Ion:149 Resp: 1218
 Ion Ratio Lower Upper
 149 100
 167 27.5 20.1 30.1
 279 3.8 2.3 3.5#



#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.00 ng
 RT: 25.72 min Scan# 3660
 Delta R.T. 0.01 min
 Lab File: BE090902.D
 Acq: 19 Sep 2015 8:41

Tgt Ion:276 Resp: 23
 Ion Ratio Lower Upper
 276 100
 138 0.0 23.3 34.9#
 277 0.0 19.8 29.6#

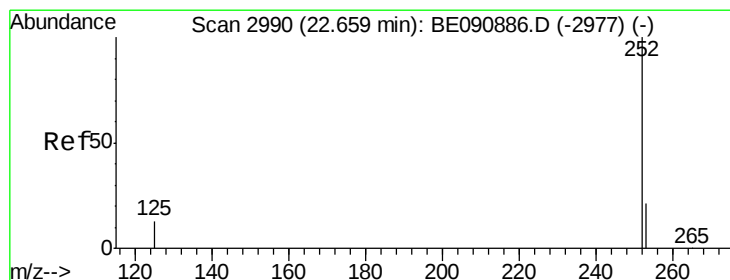
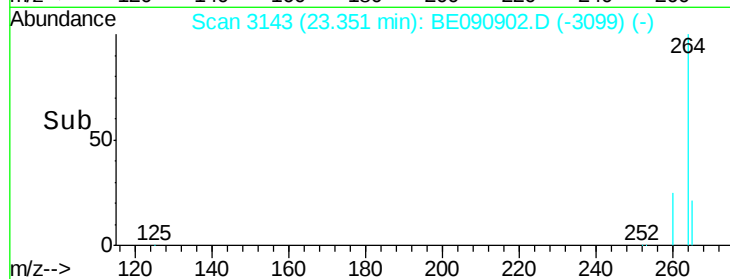
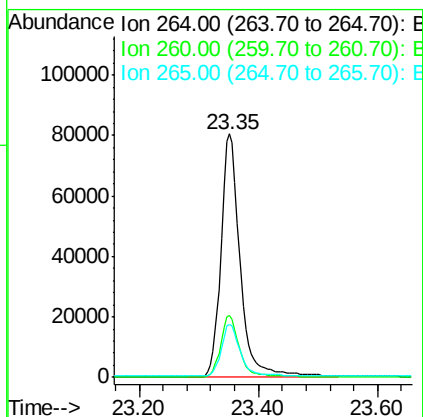
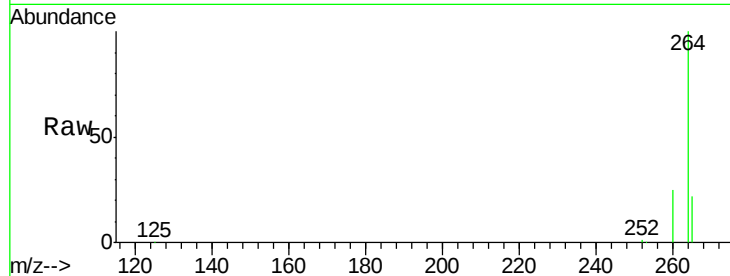




#33
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BE090902.D
Acq: 19 Sep 2015 8:41

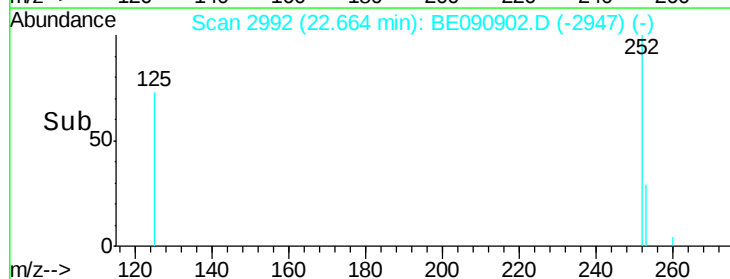
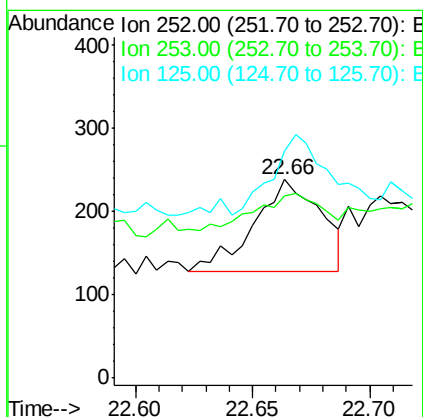
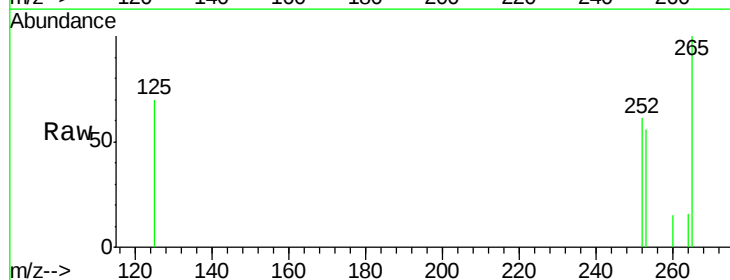
Instrument :
BNA_E
ClientSampleId :
091615-D549-E-U-M

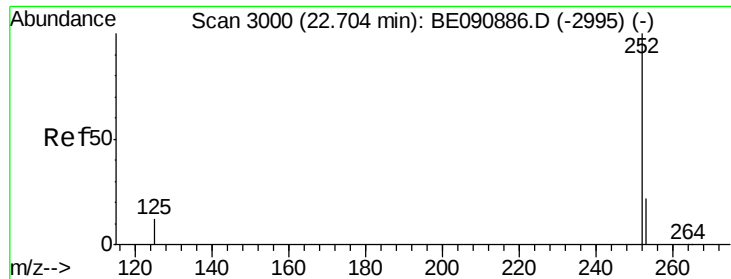
Tot Ion:264 Resp: 182178
Ion Ratio Lower Upper
264 100
260 25.3 19.7 29.5
265 21.9 17.5 26.3



#34
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.66 min Scan# 2992
Delta R.T. 0.01 min
Lab File: BE090902.D
Acq: 19 Sep 2015 8:41

Tgt Ion:252 Resp: 219
Ion Ratio Lower Upper
252 100
253 91.6 17.9 26.9#
125 114.7 10.6 16.0#





#35

Benzo(k)fluoranthene

Concen: 0.00 ng

RT: 22.70 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

Instrument :

BNA_E

ClientSampleId :

091615-D549-E-U-M

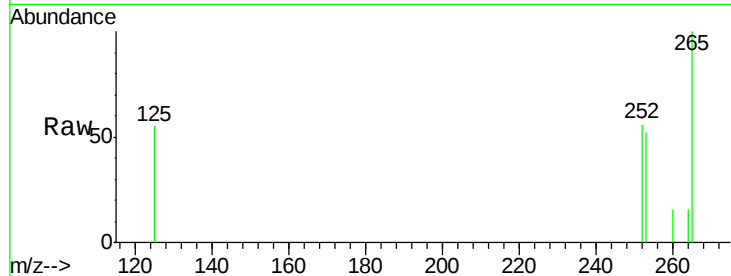
Tot Ion:252 Resp: 140

Ion Ratio Lower Upper

252 100

253 93.1 17.9 26.9#

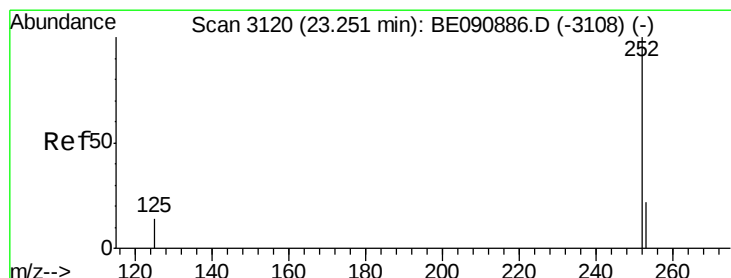
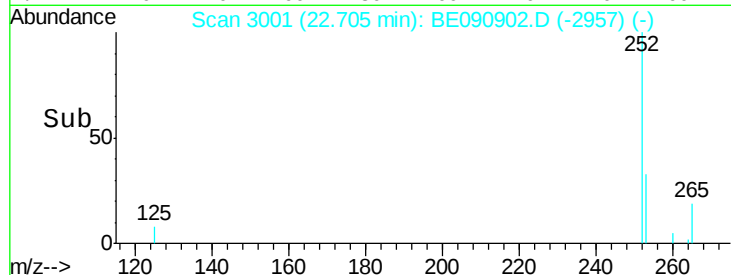
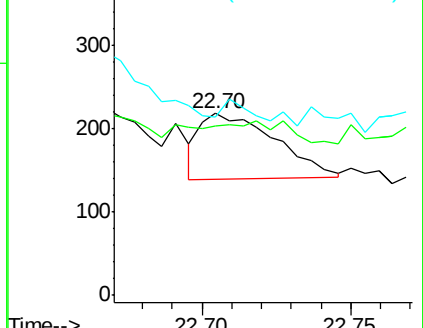
125 98.2 10.1 15.1#



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: 23.24 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BE090902.D

Acq: 19 Sep 2015 8:41

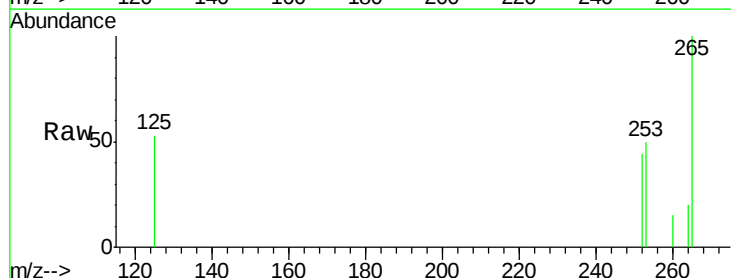
Tgt Ion:252 Resp: 37

Ion Ratio Lower Upper

252 100

253 112.4 17.2 25.8#

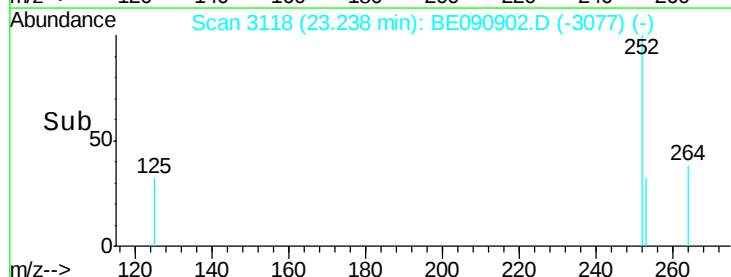
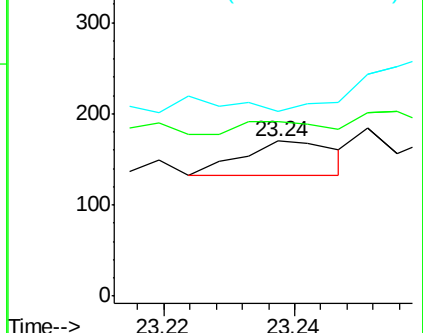
125 119.4 18.0 27.0#

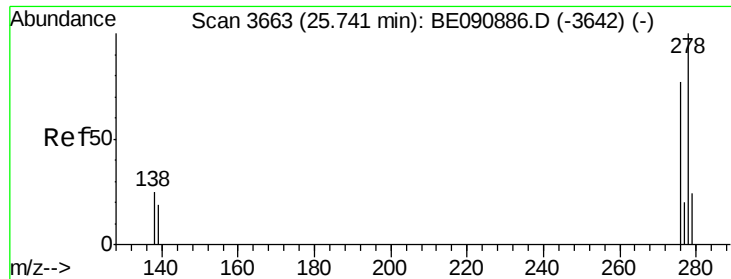


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



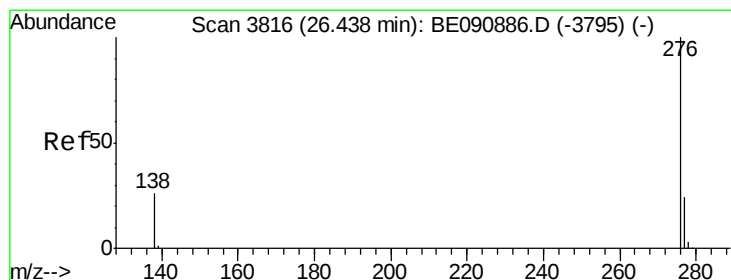
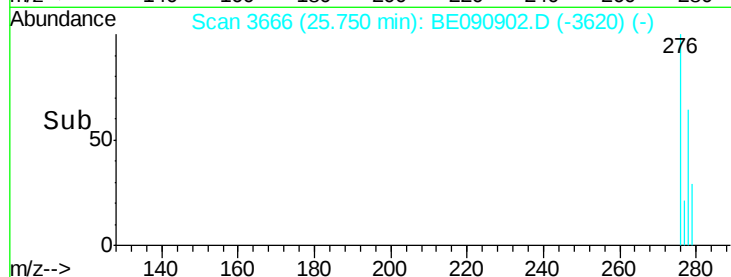
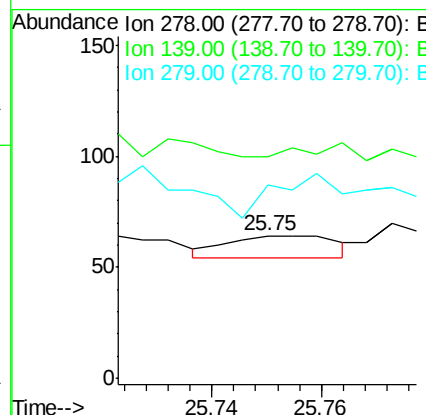
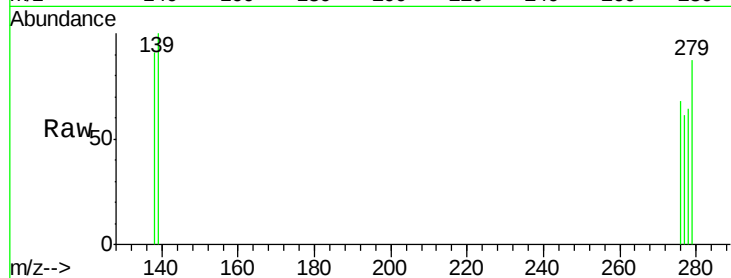


#37
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.75 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BE090902.D
Acq: 19 Sep 2015 8:41

Instrument :
BNA_E
ClientSampleId :
091615-D549-E-U-M

Tot Ion: 278 Resp: 14

Ion	Ratio	Lower	Upper
278	100		
139	156.3	15.4	23.0#
279	135.9	18.8	28.2#



#38
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.43 min Scan# 3816
Delta R.T. -0.00 min
Lab File: BE090902.D
Acq: 19 Sep 2015 8:41

Tgt Ion: 276 Resp: 29

Ion	Ratio	Lower	Upper
276	100		
277	93.1	18.5	27.7#
138	133.3	20.1	30.1#

