

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
 Data File : BE090898.D
 Acq On : 19 Sep 2015 6:18
 Operator : UM/IZ
 Sample : G3700-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-U-S

Quant Time: Sep 19 06:55:22 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 19 03:48:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	27170	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	115006	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	60760	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	145708	5.00	ng	0.00
26) Chrysene-d12	21.07	240	204879	5.00	ng	0.00
33) Perylene-d12	23.35	264	201354	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	25438	4.16	ng	0.00
5) Phenol-d6	6.75	99	18962	2.24	ng	0.00
8) Nitrobenzene-d5	8.71	82	32212	4.06	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	16841	7.85	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	70398	4.09	ng	0.00
28) Terphenyl-d14	19.53	244	124750	5.39	ng	0.00

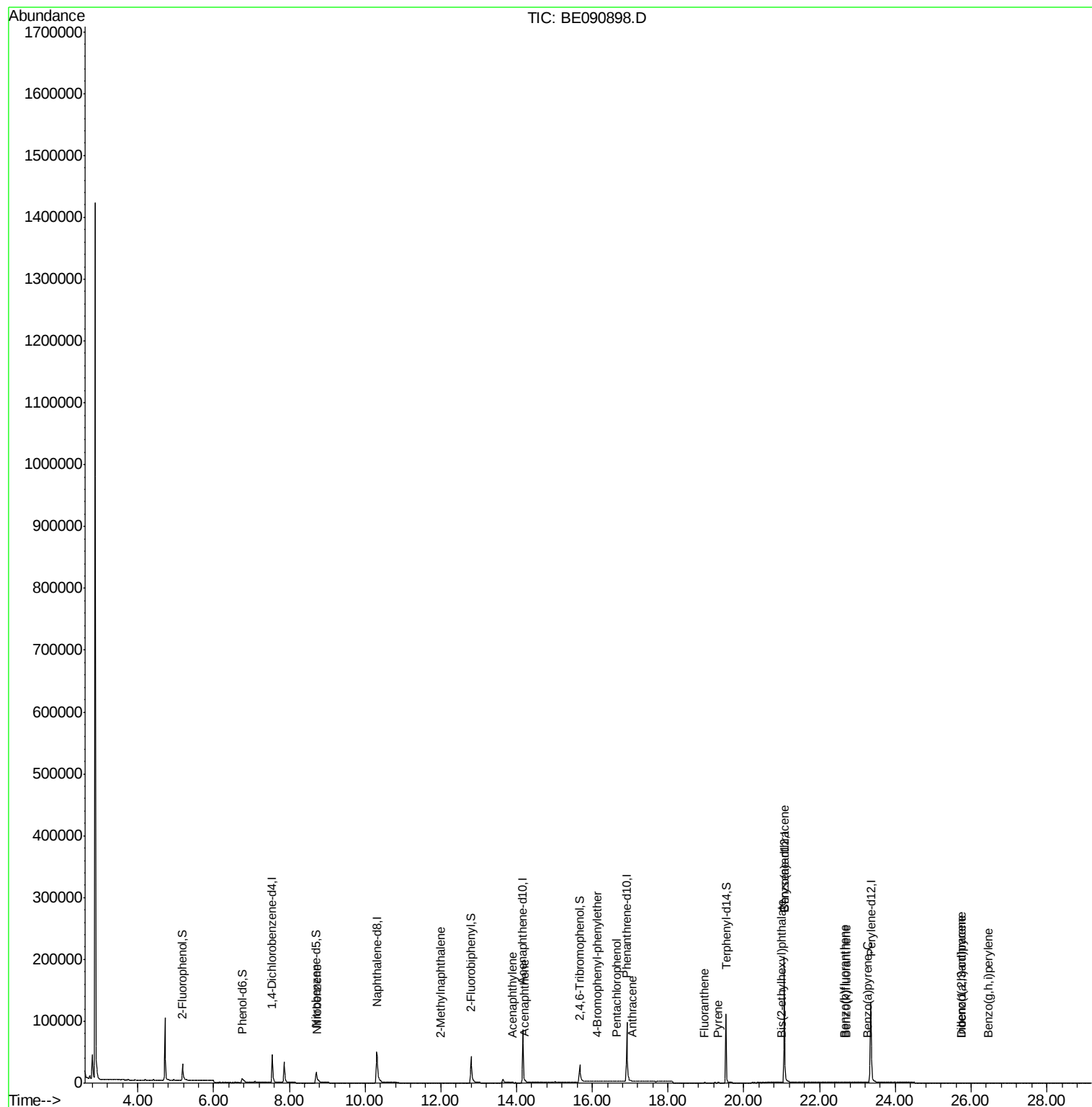
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	106	Below Cal	#	16
3) n-Nitrosodimethylamine	3.48	42	55	Below Cal	#	42
6) bis(2-Chloroethyl)ether	7.02	93	23	Below Cal	#	16
9) Nitrobenzene	8.75	77	14	0.00 ng	#	12
10) Naphthalene	10.35	128	370	Below Cal	#	25
11) Hexachlorobutadiene	10.69	225	4	Below Cal		85
12) 2-Methylnaphthalene	12.00	142	41	0.00 ng	#	75
16) Acenaphthylene	13.89	152	361	0.00 ng	#	73
17) Acenaphthene	14.23	154	76	0.00 ng	#	81
18) Fluorene	15.24	166	151	Below Cal	#	77
20) 4-Bromophenyl-phenylether	16.13	248	42	0.01 ng	#	71
21) Hexachlorobenzene	16.23	284	324	Below Cal	#	42
22) Pentachlorophenol	16.63	266	38	0.19 ng	#	63
23) Phenanthrene	16.94	178	757	Below Cal	#	75
24) Anthracene	17.05	178	315	0.01 ng	#	72
25) Fluoranthene	18.96	202	736	0.02 ng		97
27) Pyrene	19.32	202	826	0.02 ng	#	93
29) Benzo(a)anthracene	21.06	228	1381	0.03 ng	#	91
30) Chrysene	21.10	228	1142	Below Cal	#	84
31) Bis(2-ethylhexyl)phthalate	20.99	149	849	0.21 ng	#	97
32) Indeno(1,2,3-cd)pyrene	25.74	276	528	0.01 ng	#	70
34) Benzo(b)fluoranthene	22.66	252	786	0.02 ng	#	26
35) Benzo(k)fluoranthene	22.71	252	772	0.01 ng	#	33
36) Benzo(a)pyrene	23.25	252	554	0.01 ng	#	10
37) Dibenzo(a,h)anthracene	25.76	278	389	0.01 ng	#	1
38) Benzo(g,h,i)perylene	26.45	276	507	0.01 ng	#	32

(#) = 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: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

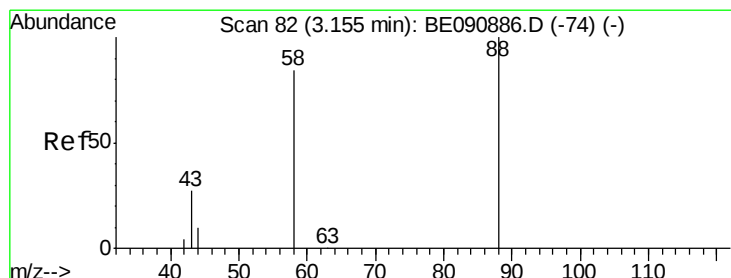
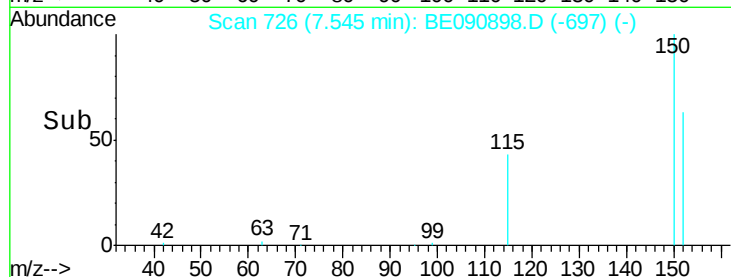
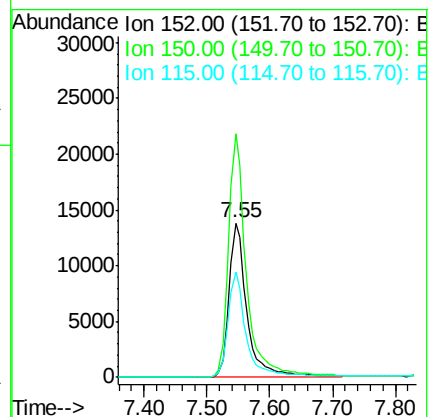
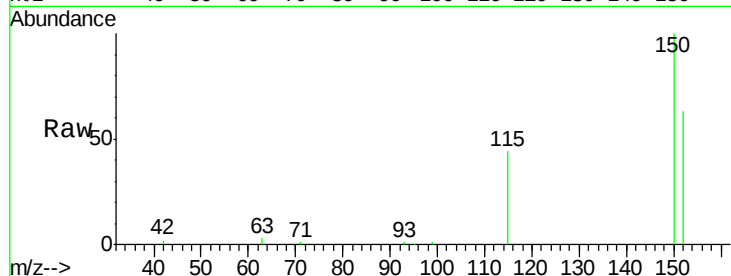
Tot Ion:152 Resp: 27170

Ion Ratio Lower Upper

152 100

150 157.8 122.2 183.4

115 68.6 51.0 76.4



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.15 min Scan# 81

Delta R.T. -0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

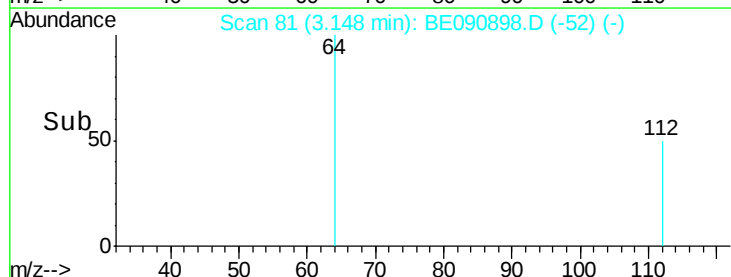
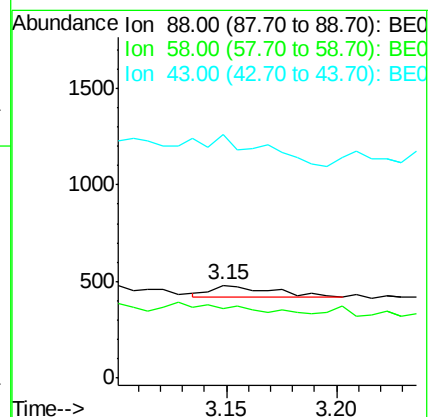
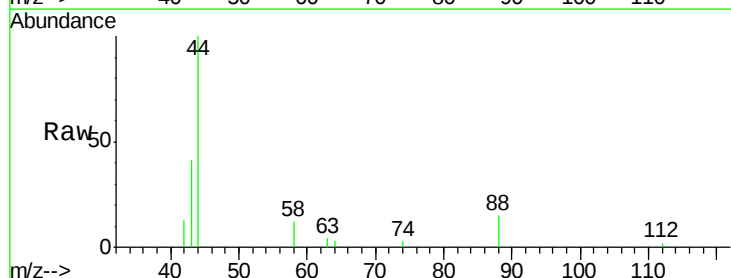
Tgt Ion: 88 Resp: 106

Ion Ratio Lower Upper

88 100

58 0.0 68.4 102.6#

43 0.0 26.9 40.3#



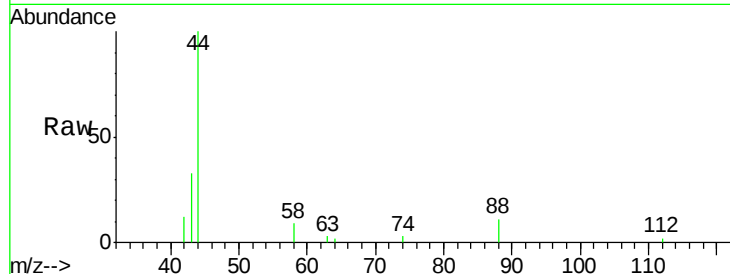


#3

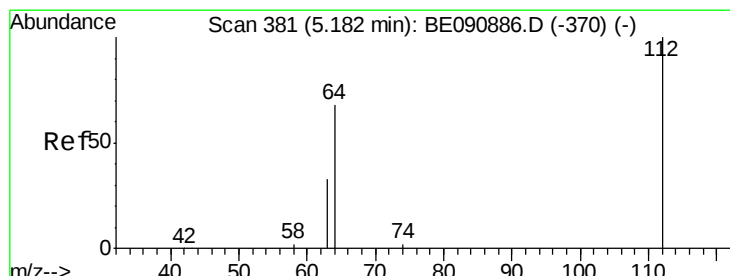
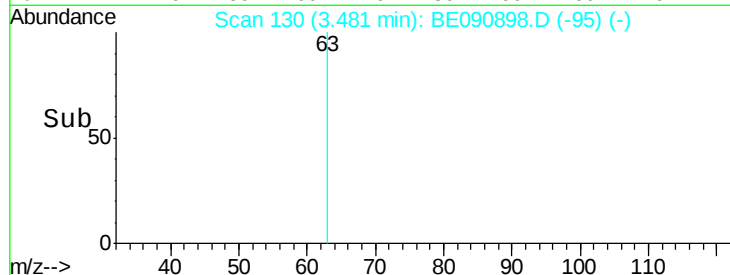
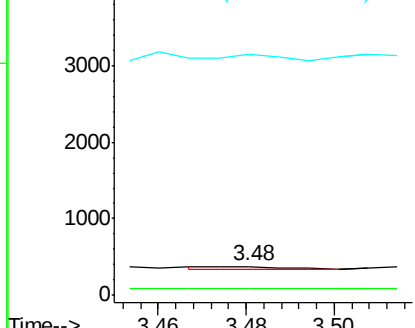
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.48 min Scan# 130
 Delta R.T. 0.03 min
 Lab File: BE090898.D
 Acq: 19 Sep 2015 6:18

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-U-S

Tot Ion: 42 Resp: 55
 Ion Ratio Lower Upper
 42 100
 74 41.8 83.7 125.5#
 44 0.0 10.0 15.0#



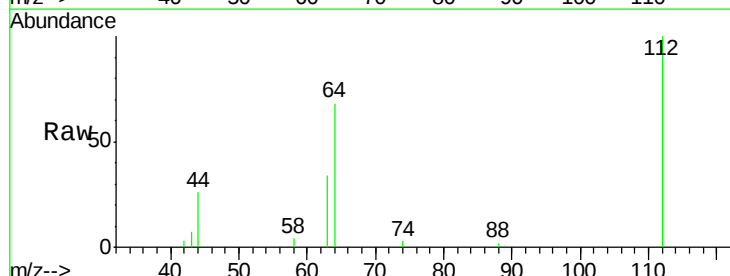
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



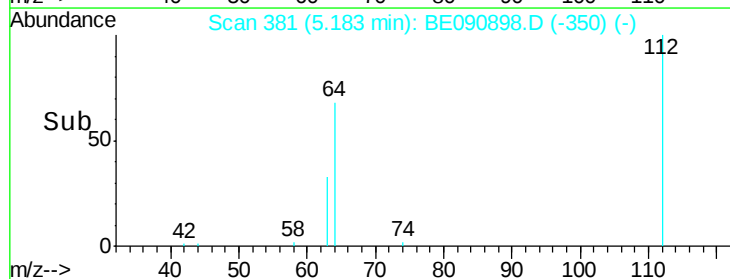
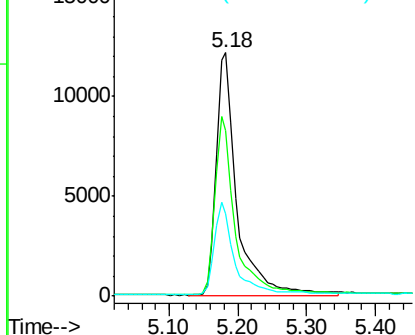
#4

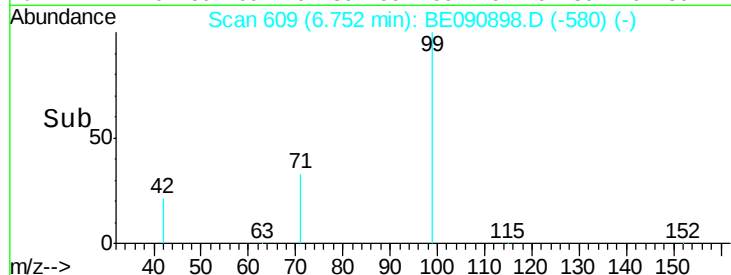
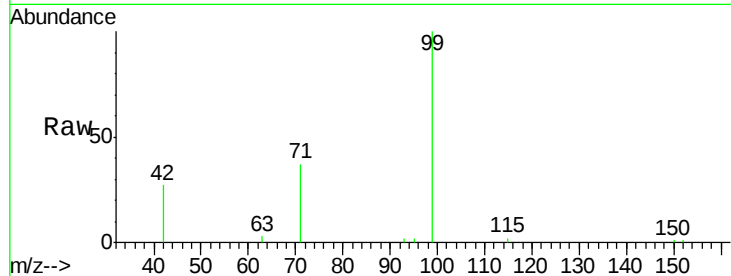
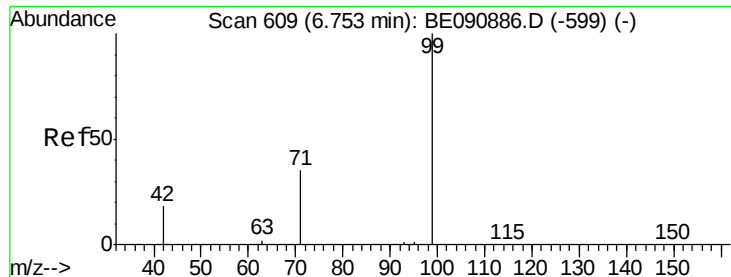
2-Fluorophenol
 Concen: 4.16 ng
 RT: 5.18 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: BE090898.D
 Acq: 19 Sep 2015 6:18

Tgt Ion: 112 Resp: 25438
 Ion Ratio Lower Upper
 112 100
 64 71.7 57.3 85.9
 63 36.7 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: 2.24 ng

RT: 6.75 min Scan# 609

Delta R.T. -0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

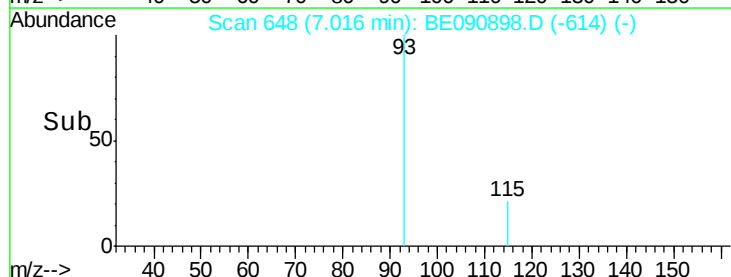
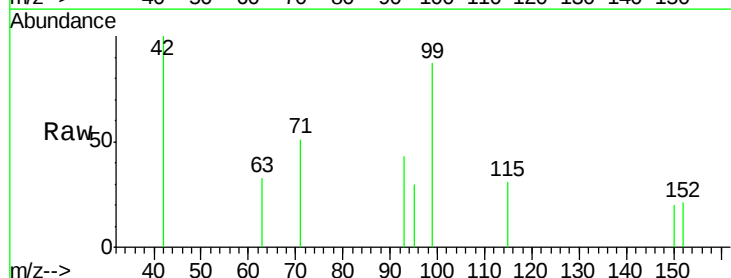
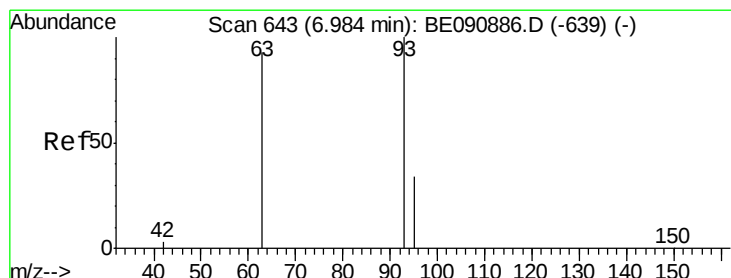
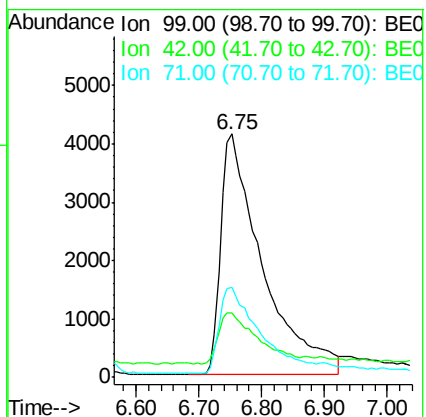
Tot Ion: 99 Resp: 18962

Ion Ratio Lower Upper

99 100

42 20.4 16.8 25.2

71 35.6 28.3 42.5



#6

bis(2-Chloroethyl)ether

Concen: Below Cal

RT: 7.02 min Scan# 648

Delta R.T. 0.03 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

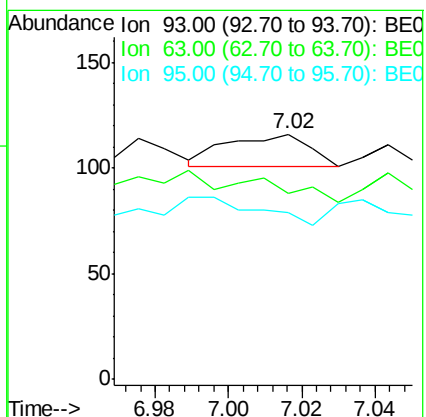
Tgt Ion: 93 Resp: 23

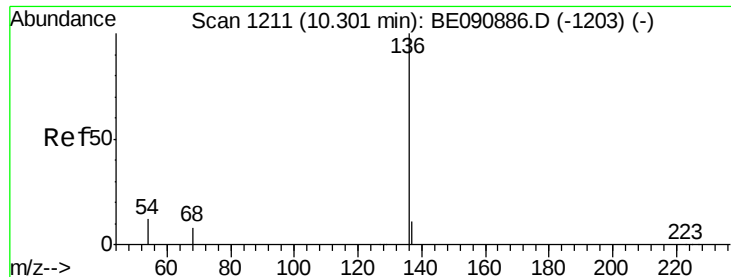
Ion Ratio Lower Upper

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# 1212

Delta R.T. 0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

Tot Ion:136 Resp: 115006

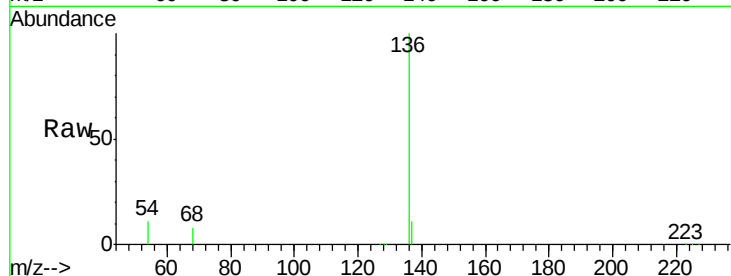
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.4 9.0 13.6

68 8.3 6.3 9.5

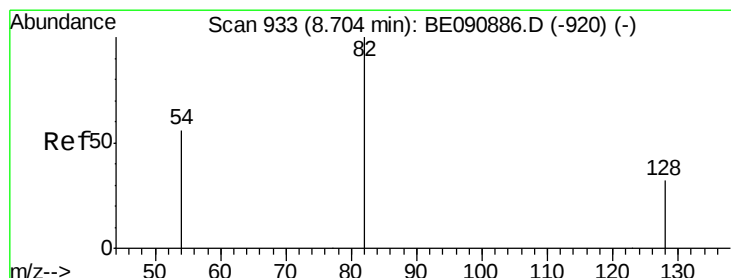
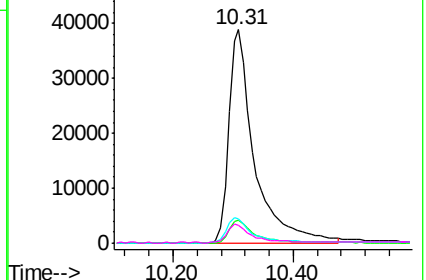
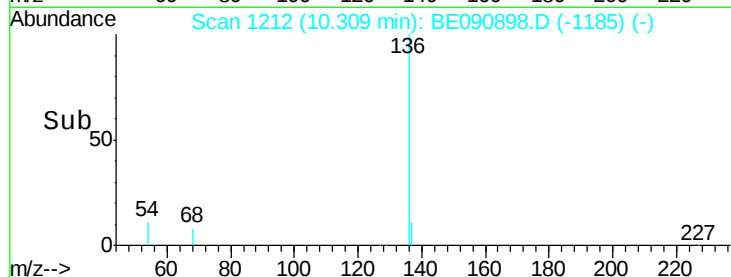


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.06 ng

RT: 8.71 min Scan# 934

Delta R.T. 0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

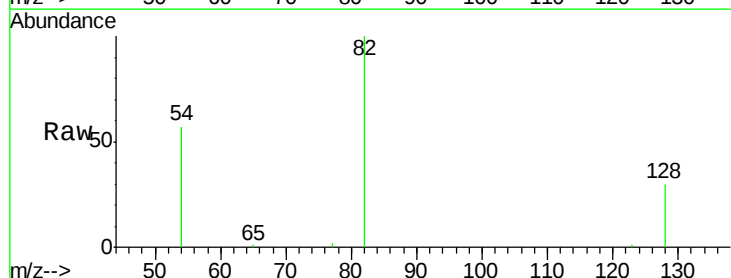
Tgt Ion: 82 Resp: 32212

Ion Ratio Lower Upper

82 100

128 29.6 25.0 37.4

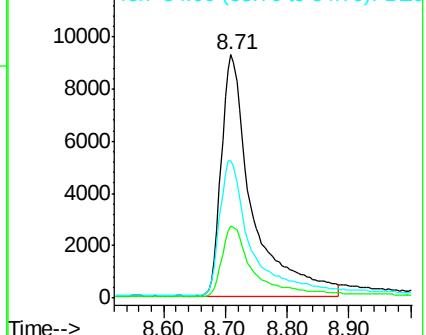
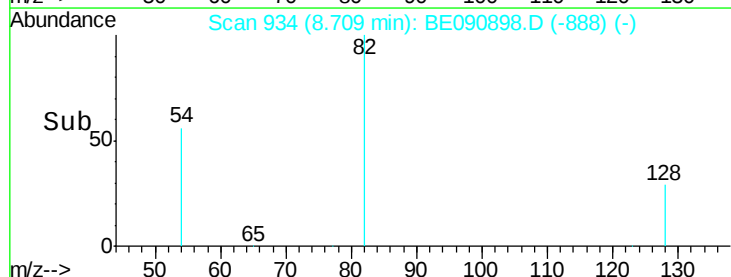
54 56.6 46.3 69.5

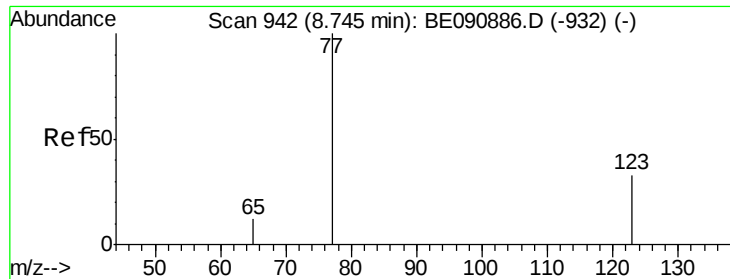


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 8.75 min Scan# 943

Delta R.T. 0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

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ClientSampleId :

091515-P004-E-U-S

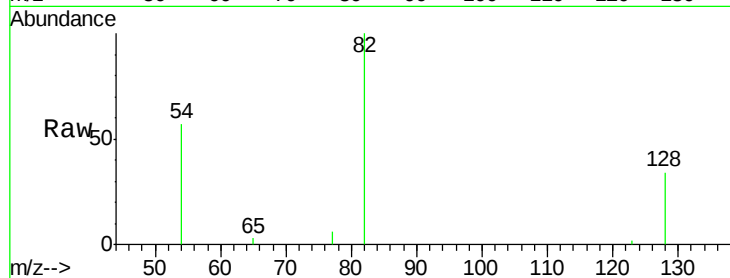
Tot Ion: 77 Resp: 14

Ion Ratio Lower Upper

77 100

123 42.9 25.1 37.7#

65 114.3 9.9 14.9#



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

8.75

150

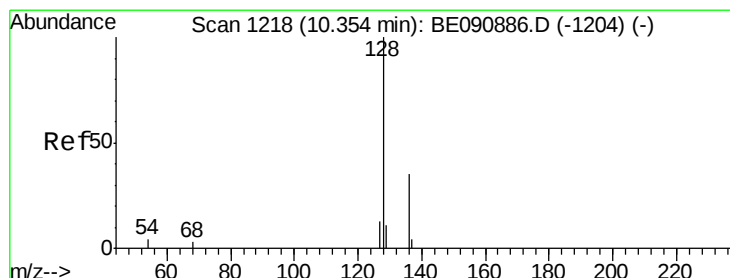
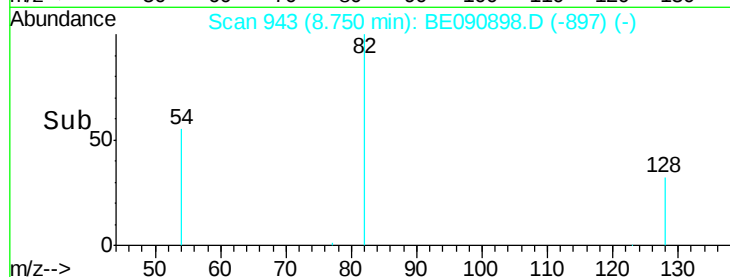
100

50

0

8.74 8.75 8.76 8.77

Time-->



#10

Naphthalene

Concen: Below Cal

RT: 10.35 min Scan# 1218

Delta R.T. 0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

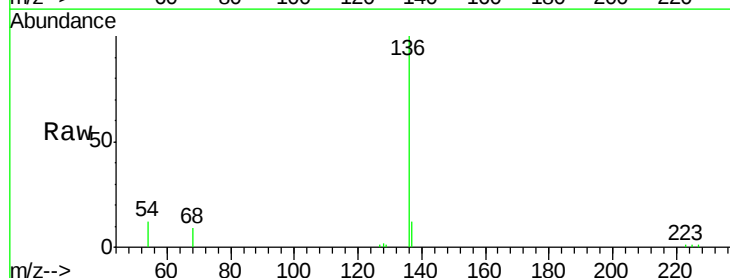
Tgt Ion: 128 Resp: 370

Ion Ratio Lower Upper

128 100

129 40.1 8.4 12.6#

127 40.7 9.9 14.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.35

200

150

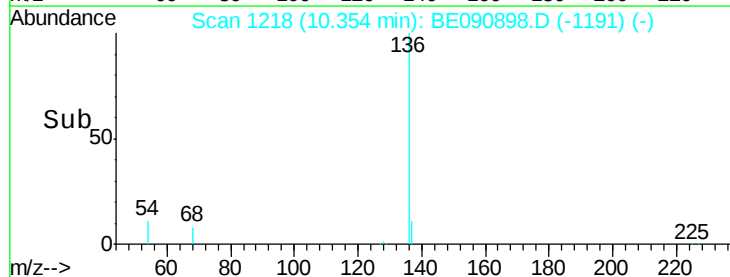
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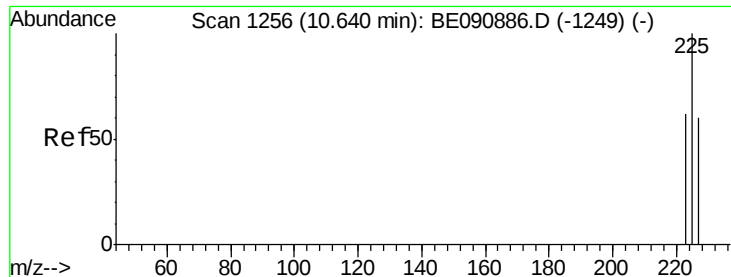
50

0

10.20 10.30 10.40 10.50

Time-->

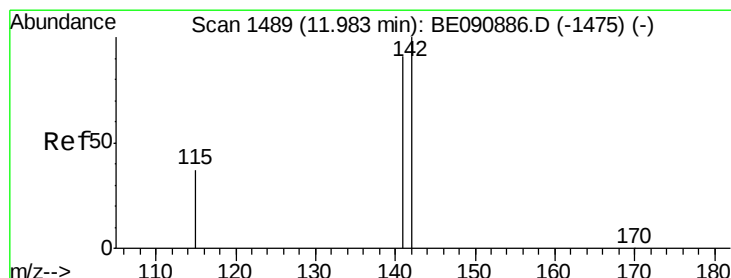
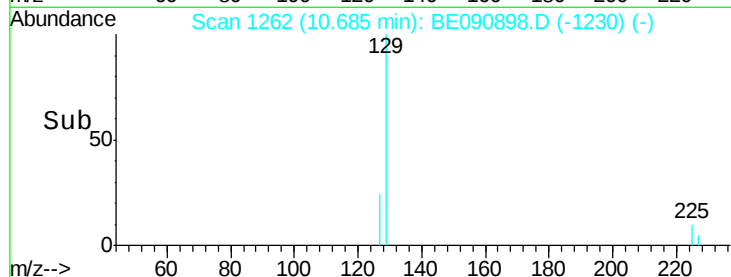
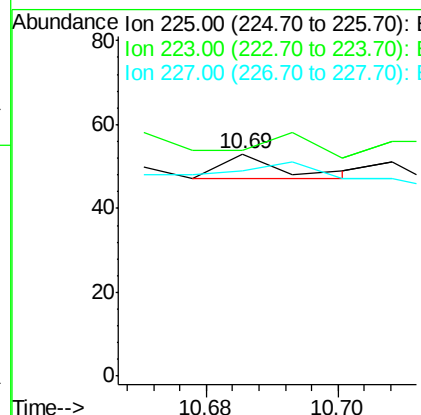
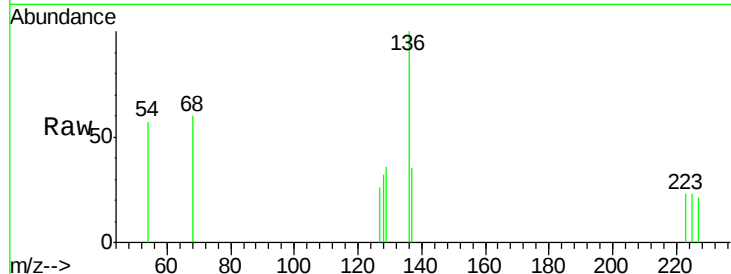




#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.69 min Scan# 1262
Delta R.T. 0.04 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

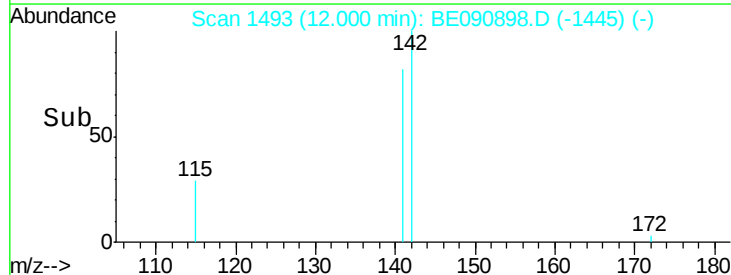
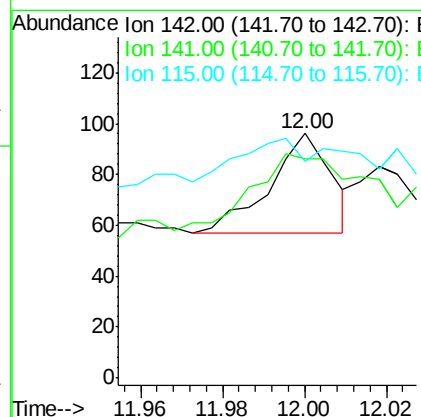
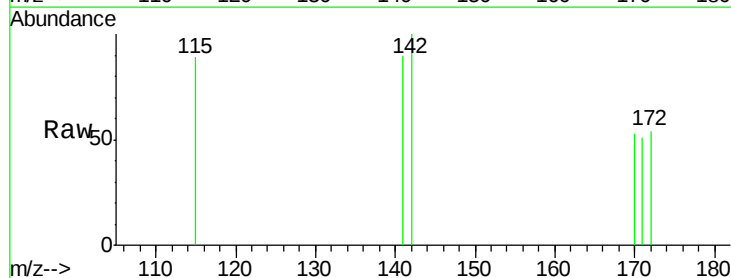
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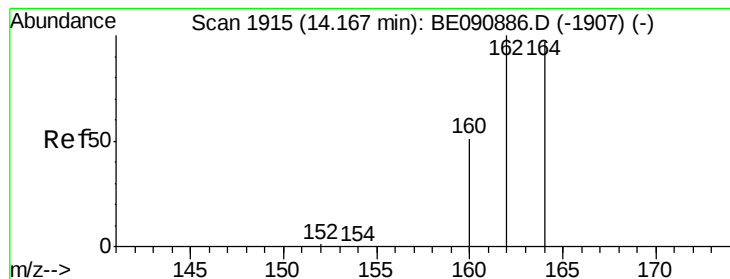
Tot Ion: 225 Resp: 4
Ion Ratio Lower Upper
225 100
223 75.0 50.6 76.0
227 75.0 51.0 76.6



#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.00 min Scan# 1493
Delta R.T. 0.02 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion: 142 Resp: 41
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.2
115 88.5 31.0 46.4#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

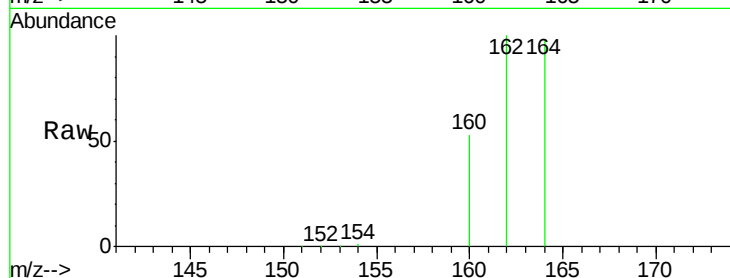
Tot Ion:164 Resp: 60760

Ion Ratio Lower Upper

164 100

162 101.6 86.8 130.2

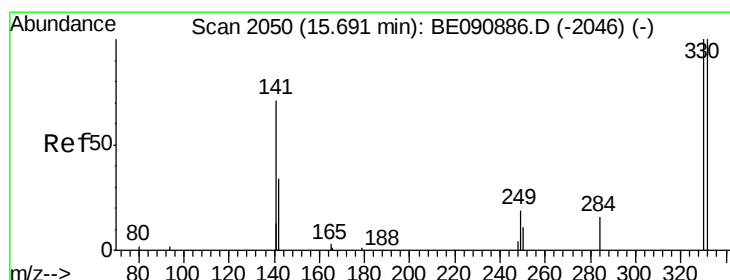
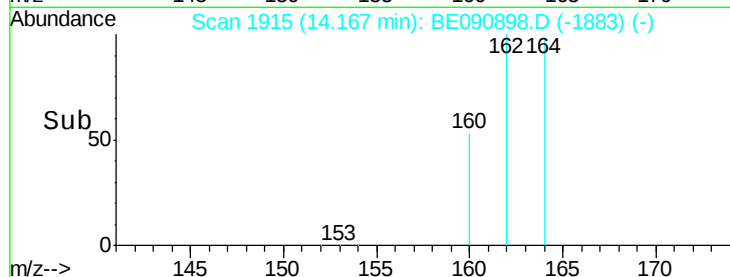
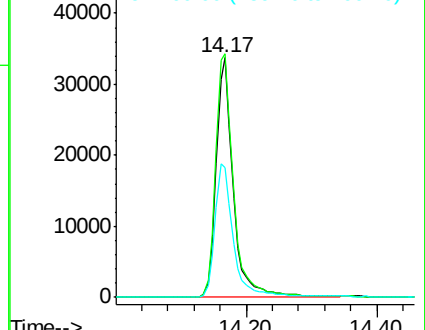
160 54.0 53.9 80.9



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: 7.85 ng

RT: 15.67 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

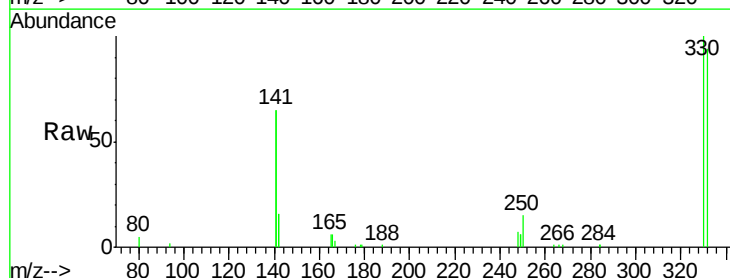
Tgt Ion:330 Resp: 16841

Ion Ratio Lower Upper

330 100

332 96.2 74.9 112.3

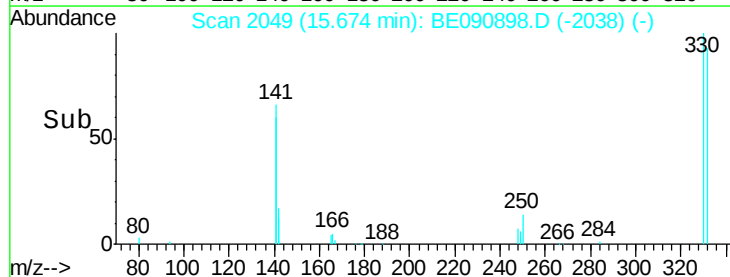
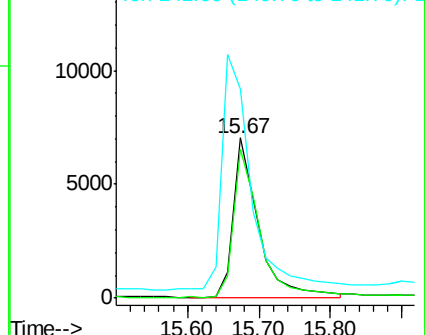
141 173.7 145.2 217.8



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

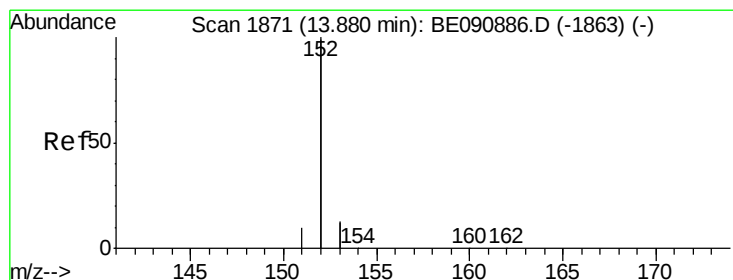
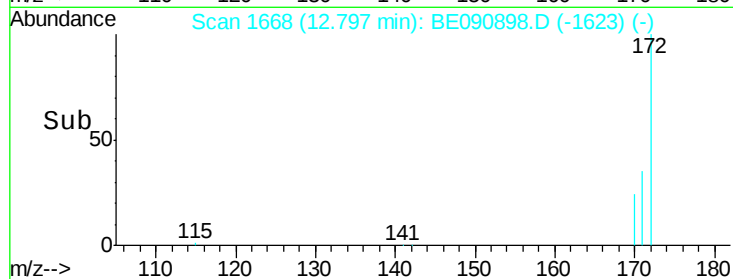
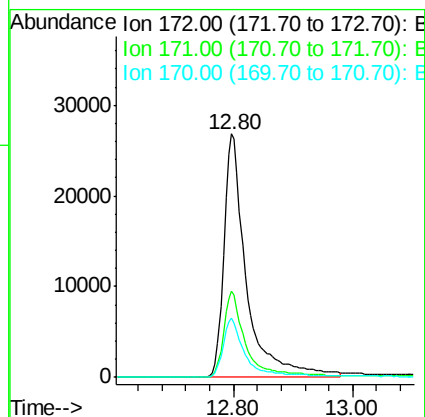
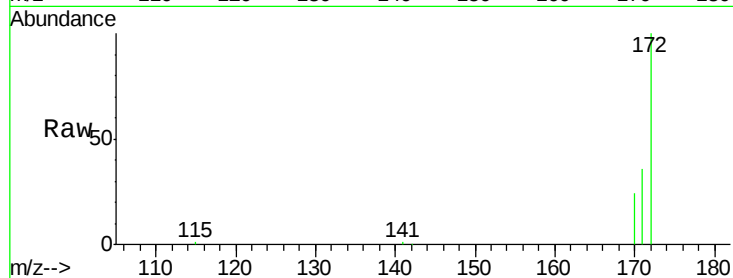




#15
2-Fluorobiphenyl
Concen: 4.09 ng
RT: 12.80 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

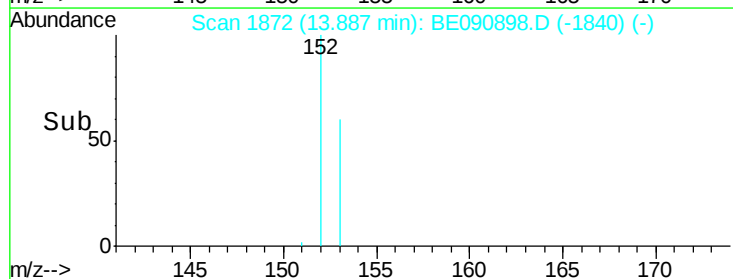
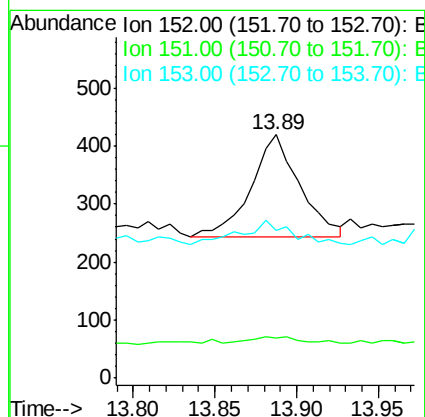
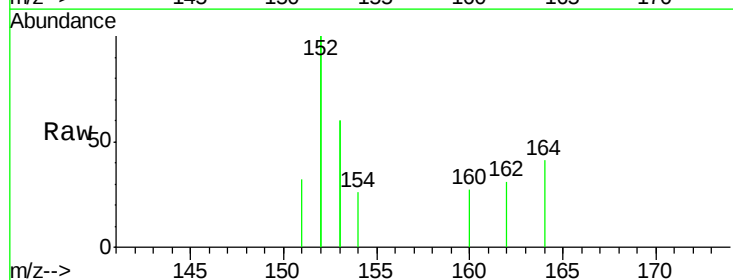
Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-S

Tot Ion:172 Resp: 70398
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 24.3 19.8 29.6



#16
Acenaphthylene
Concen: 0.00 ng
RT: 13.89 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:152 Resp: 361
Ion Ratio Lower Upper
152 100
151 6.9 3.9 5.9#
153 26.6 10.3 15.5#





#17

Acenaphthene

Concen: 0.00 ng

RT: 14.23 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

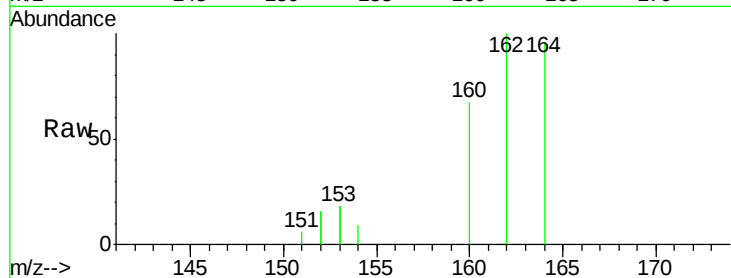
Tot Ion:154 Resp: 76

Ion Ratio Lower Upper

154 100

153 426.3 354.5 531.7

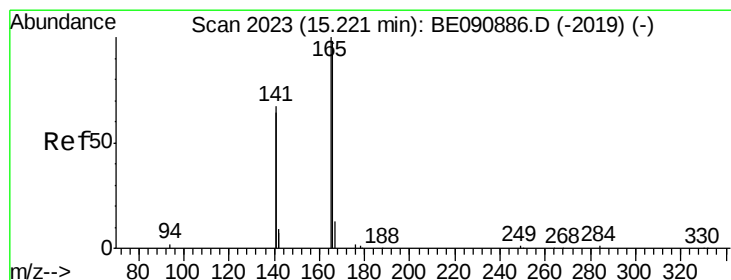
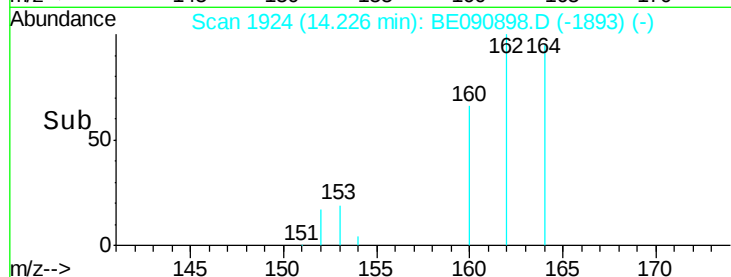
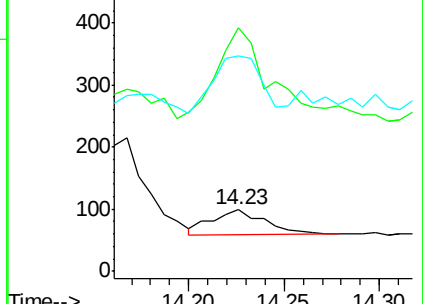
152 214.5 227.8 341.6#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: Below Cal

RT: 15.24 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

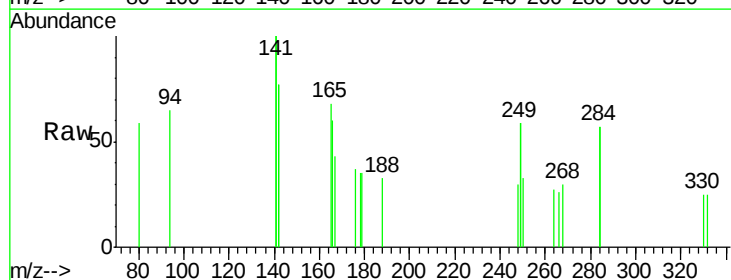
Tgt Ion:166 Resp: 151

Ion Ratio Lower Upper

166 100

165 128.5 82.7 124.1#

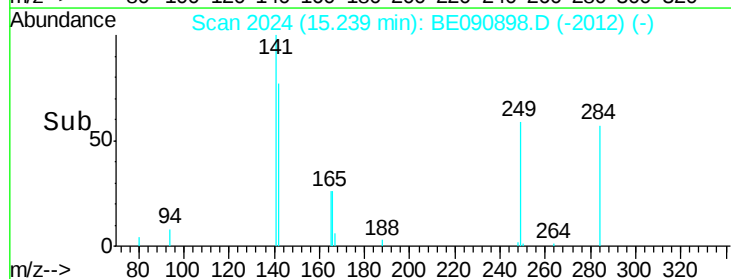
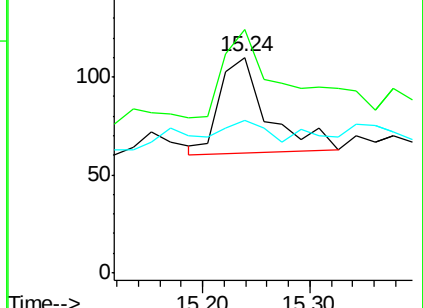
167 17.2 10.7 16.1#

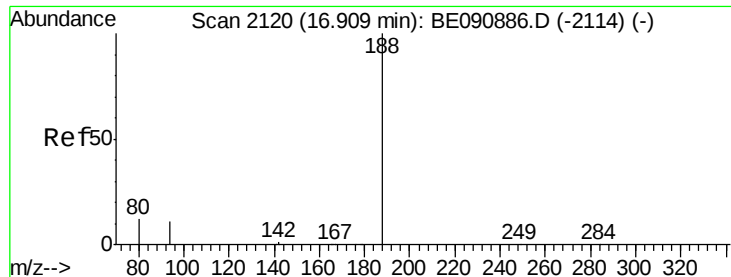


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

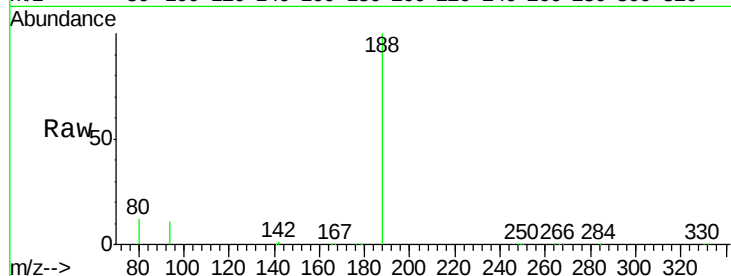
Tot Ion:188 Resp: 145708

Ion Ratio Lower Upper

188 100

94 10.9 10.3 15.5

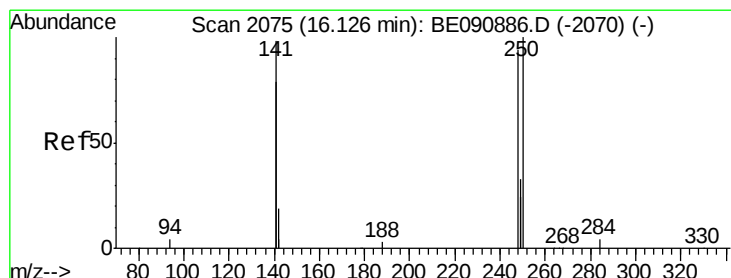
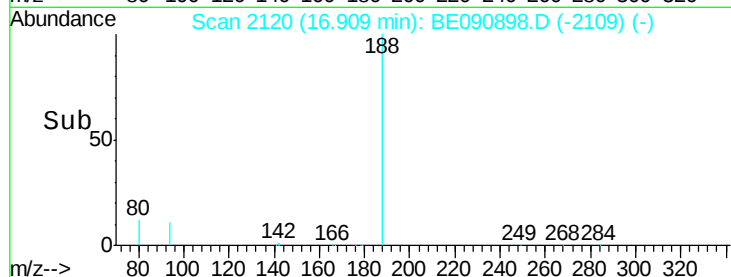
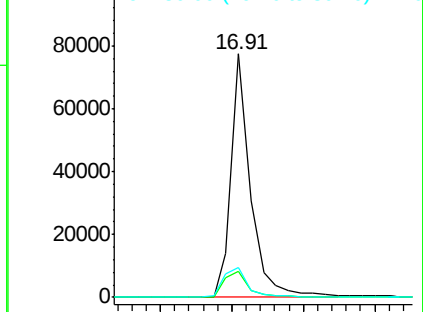
80 12.1 11.0 16.6



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: 0.01 ng

RT: 16.13 min Scan# 2075

Delta R.T. 0.02 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

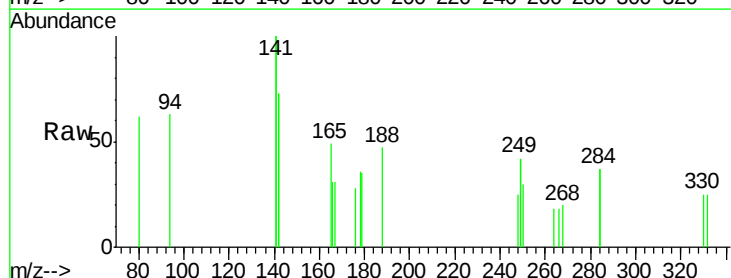
Tgt Ion:248 Resp: 42

Ion Ratio Lower Upper

248 100

250 116.7 76.7 115.1#

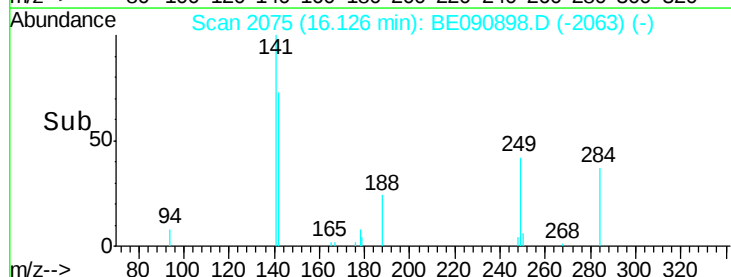
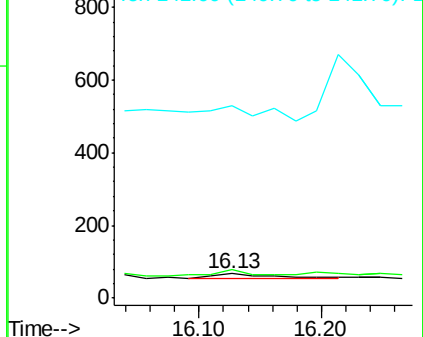
141 297.6 292.6 439.0



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

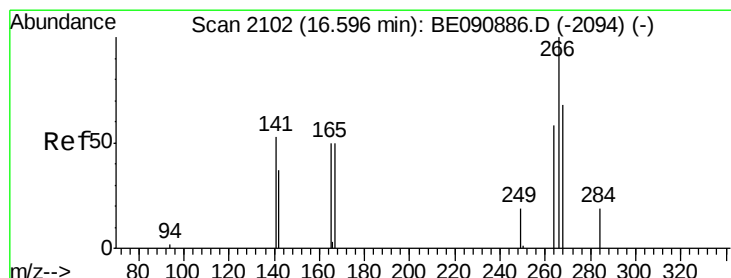
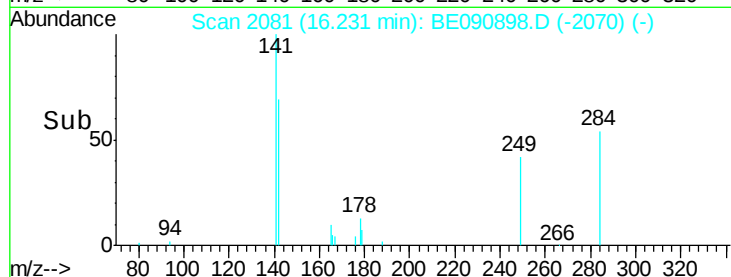
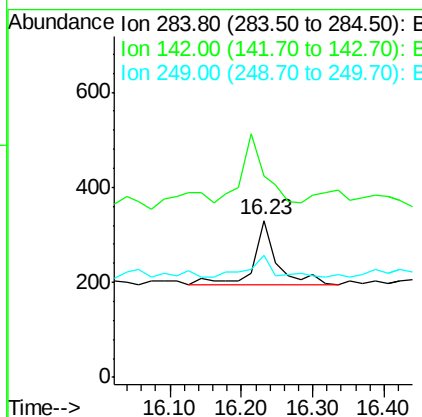
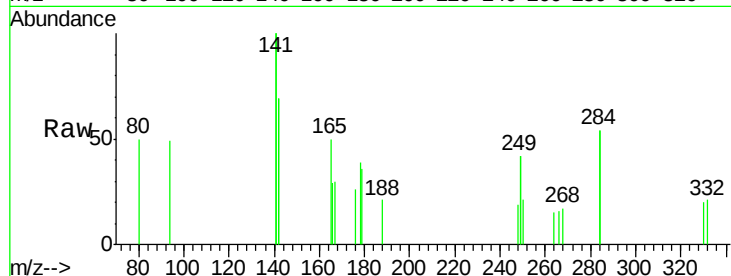




#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

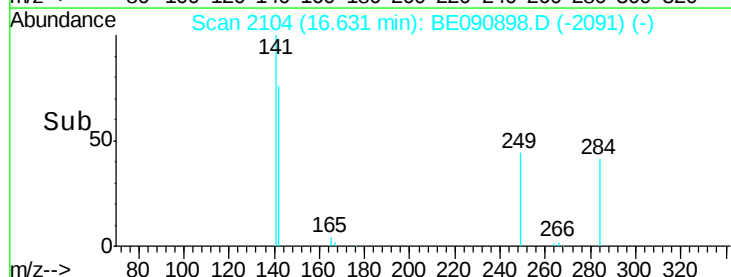
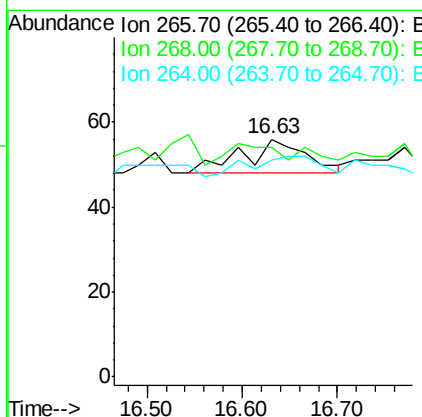
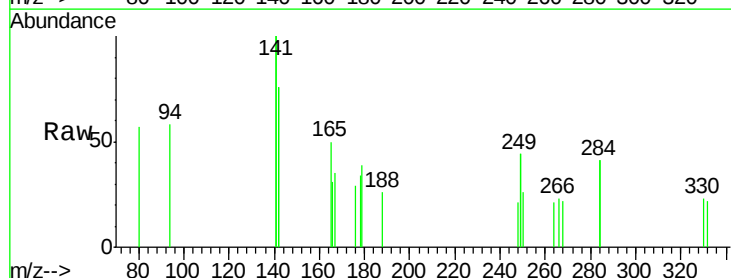
Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-S

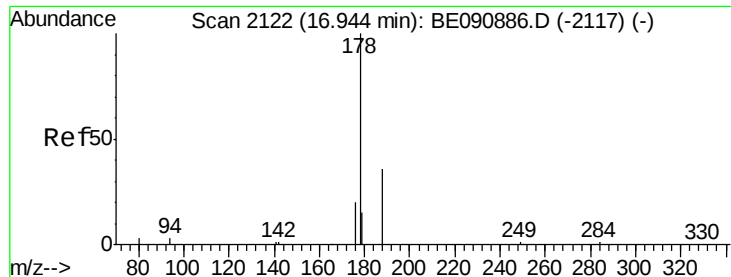
Tot Ion:284 Resp: 324
Ion Ratio Lower Upper
284 100
142 104.6 35.0 52.4#
249 36.1 25.5 38.3



#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.63 min Scan# 2104
Delta R.T. 0.03 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:266 Resp: 38
Ion Ratio Lower Upper
266 100
268 96.4 49.6 74.4#
264 91.1 53.9 80.9#





#23

Phenanthrene

Concen: Below Cal

RT: 16.94 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

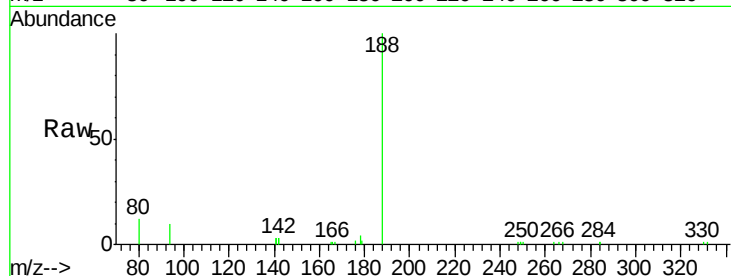
Tot Ion:178 Resp: 757

Ion Ratio Lower Upper

178 100

176 26.3 15.6 23.4#

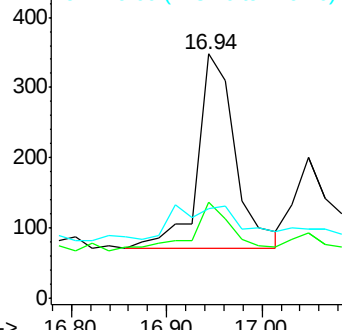
179 0.0 12.8 19.2#



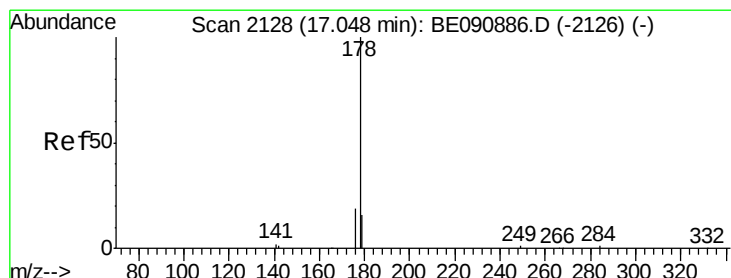
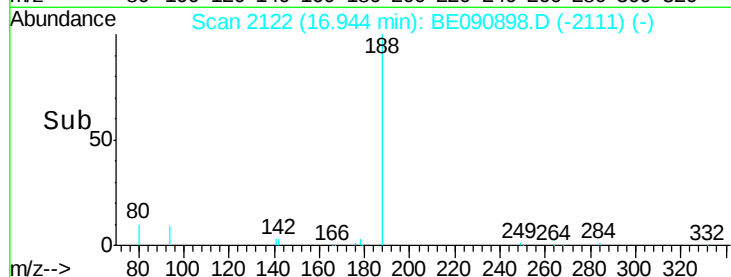
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.01 ng

RT: 17.05 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

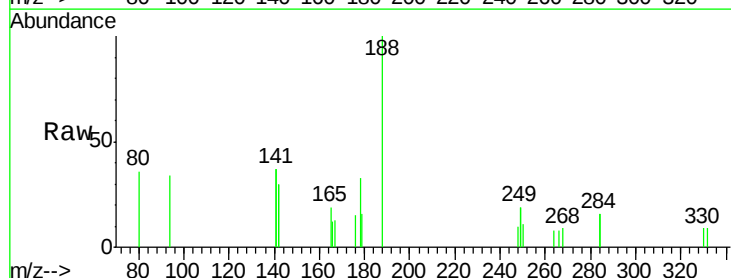
Tgt Ion:178 Resp: 315

Ion Ratio Lower Upper

178 100

176 28.3 15.0 22.6#

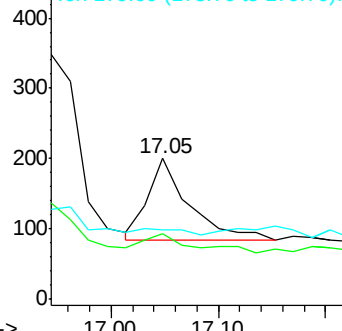
179 0.0 12.3 18.5#



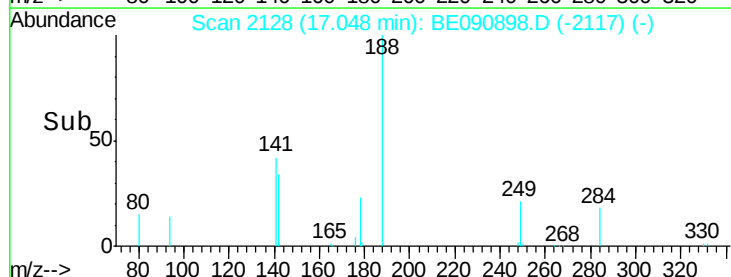
Abundance Ion 178.00 (177.70 to 178.70): E

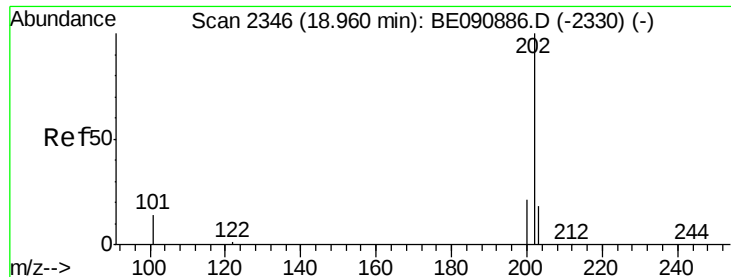
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene

Concen: 0.02 ng

RT: 18.96 min Scan# 2346

Delta R.T. 0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

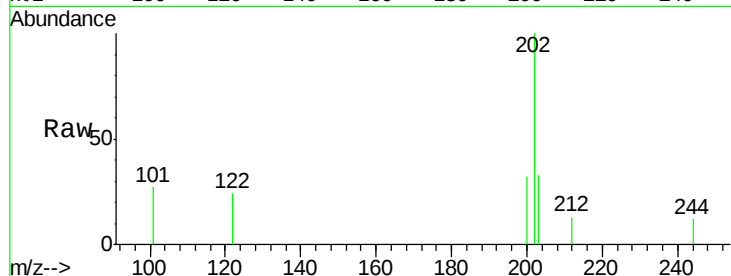
Tot Ion:202 Resp: 736

Ion Ratio Lower Upper

202 100

101 15.2 11.0 16.6

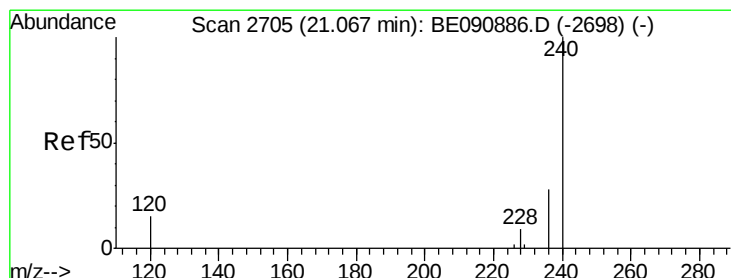
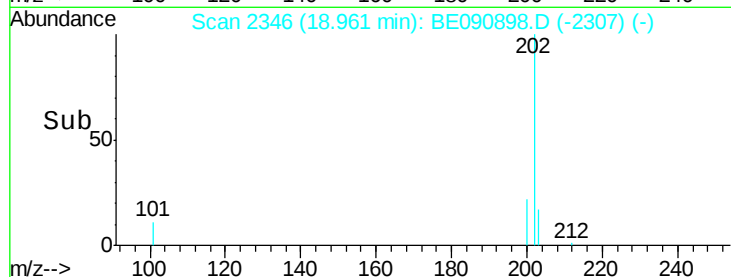
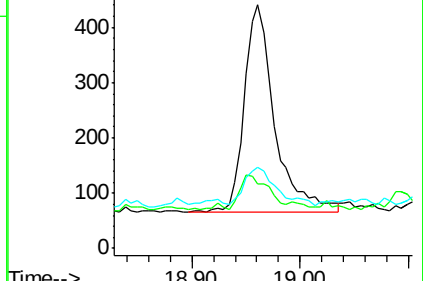
203 18.9 13.9 20.9



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: BE090898.D

Acq: 19 Sep 2015 6:18

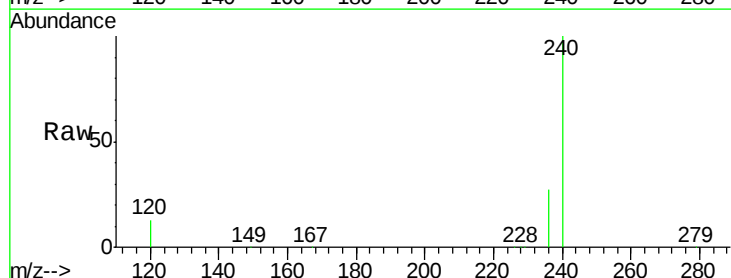
Tgt Ion:240 Resp: 204879

Ion Ratio Lower Upper

240 100

120 13.1 10.1 15.1

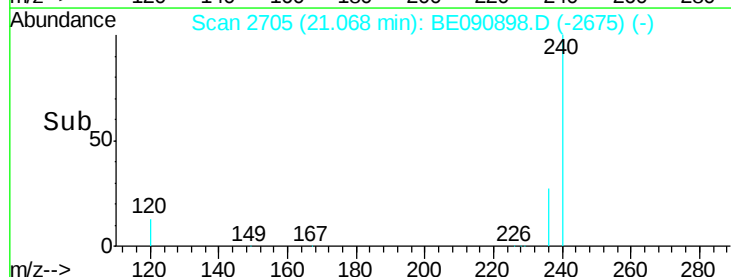
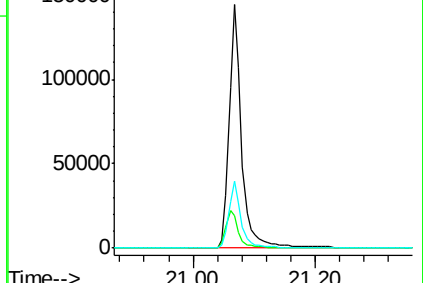
236 27.3 21.9 32.9

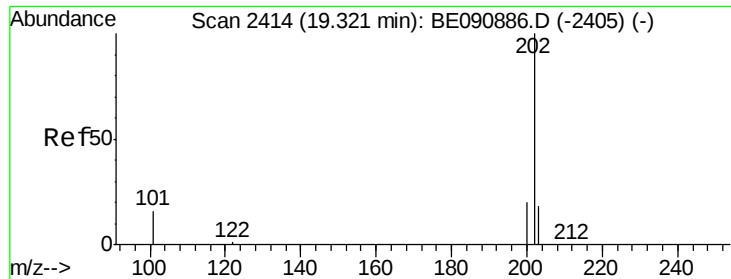


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

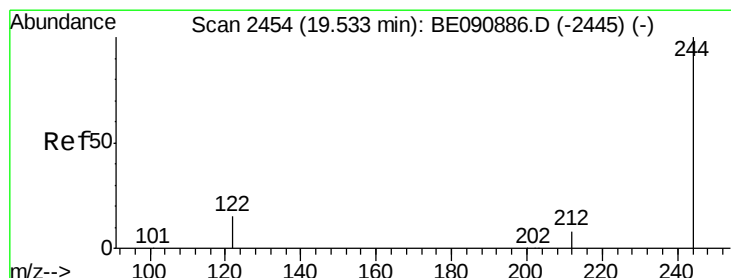
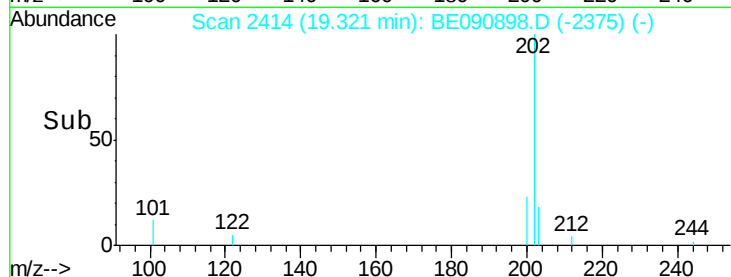
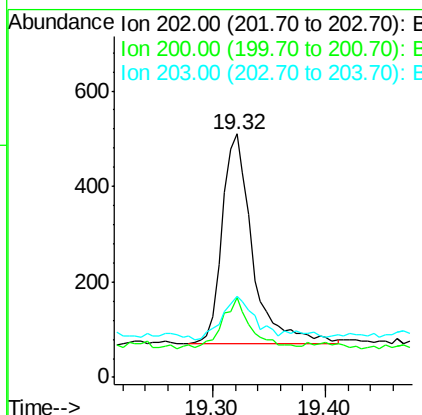
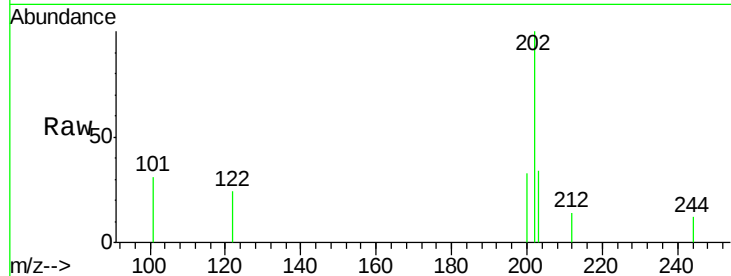




#27
Pvrene
Concen: 0.02 ng
RT: 19.32 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

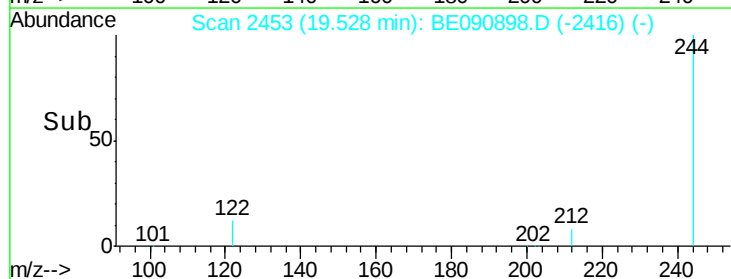
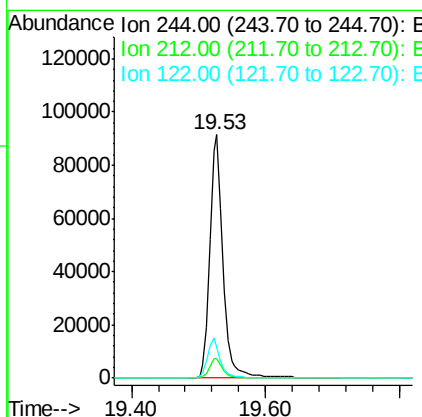
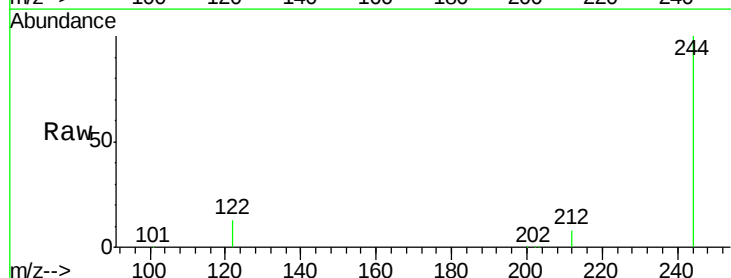
Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-S

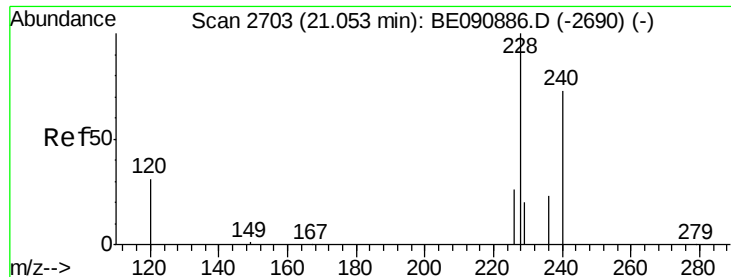
Tot Ion:202 Resp: 826
Ion Ratio Lower Upper
202 100
200 23.1 16.7 25.1
203 21.9 13.8 20.6#



#28
Terphenyl-d14
Concen: 5.39 ng
RT: 19.53 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:244 Resp: 124750
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 12.6 12.9 19.3#





#29

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.06 min Scan# 2704

Delta R.T. 0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

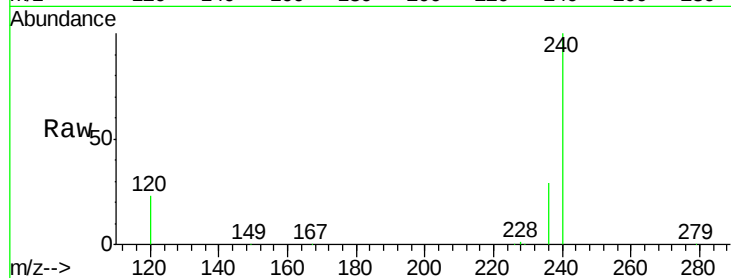
Tot Ion:228 Resp: 1381

Ion Ratio Lower Upper

228 100

226 26.1 21.6 32.4

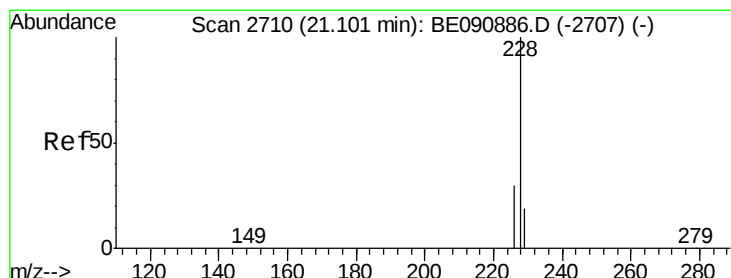
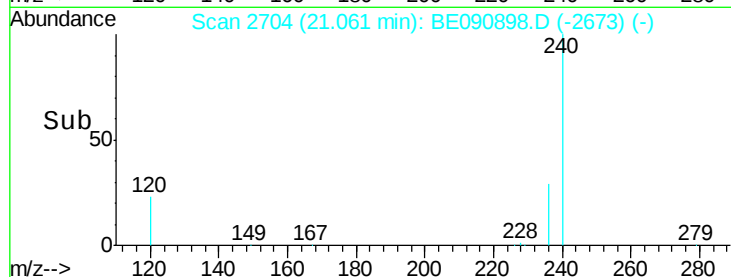
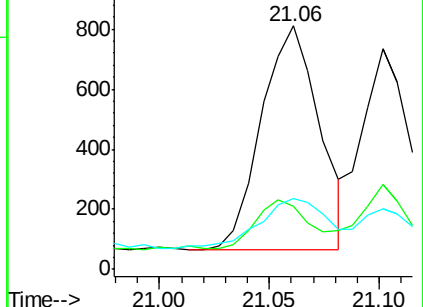
229 29.0 15.9 23.9#



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



#30

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

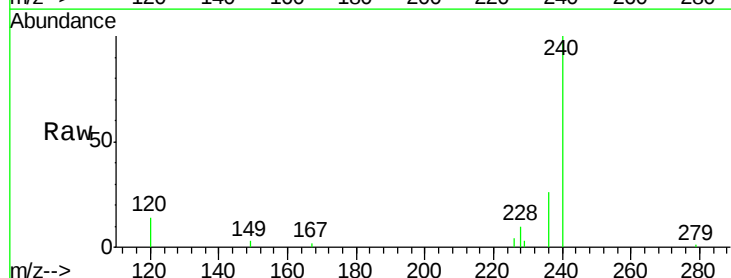
Tgt Ion:228 Resp: 1142

Ion Ratio Lower Upper

228 100

226 38.4 24.2 36.4#

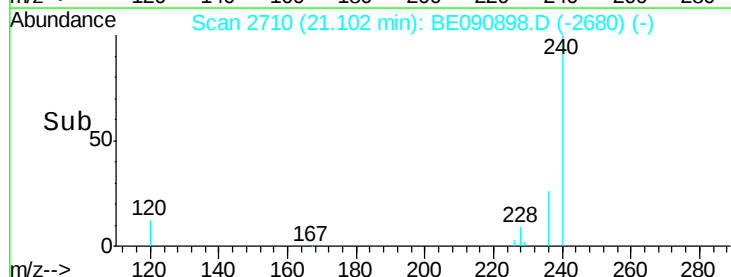
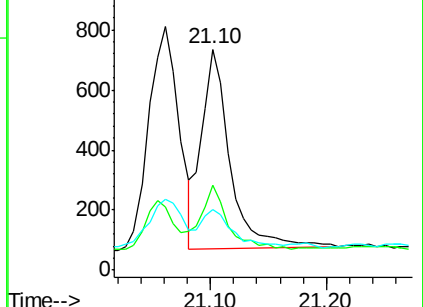
229 27.6 15.3 22.9#

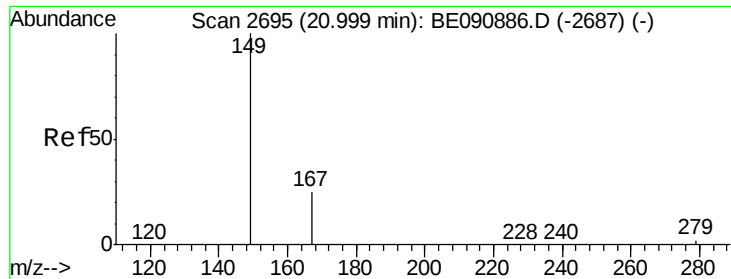


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Bis(2-ethylhexyl)phthalate

Concen: 0.21 ng

RT: 20.99 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

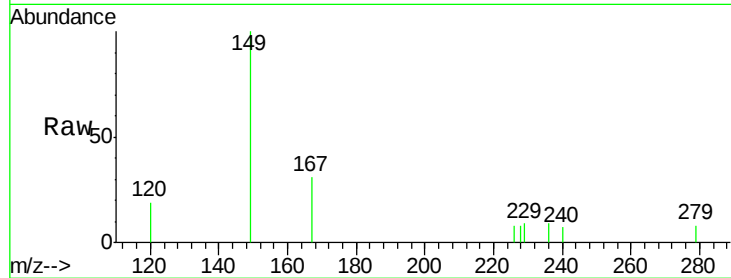
Tot Ion:149 Resp: 849

Ion Ratio Lower Upper

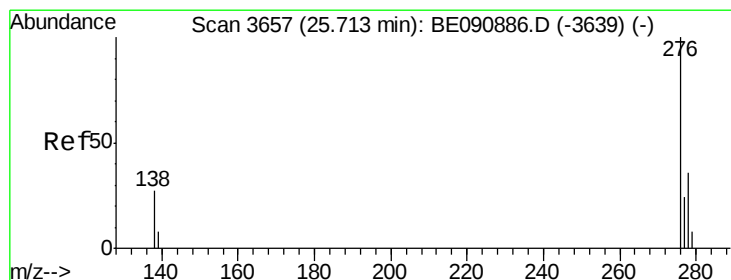
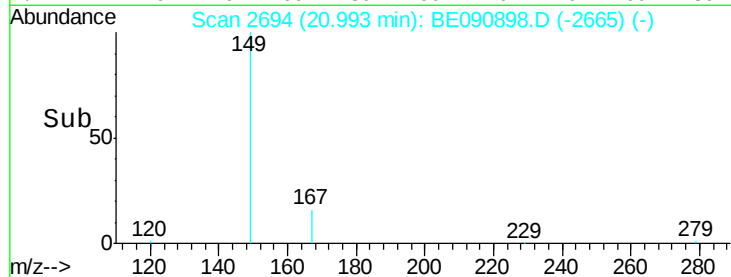
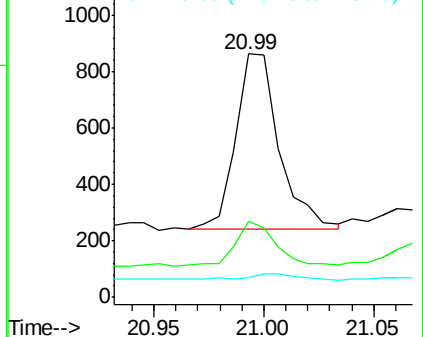
149 100

167 23.4 20.1 30.1

279 3.9 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: 0.01 ng

RT: 25.74 min Scan# 3663

Delta R.T. 0.02 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

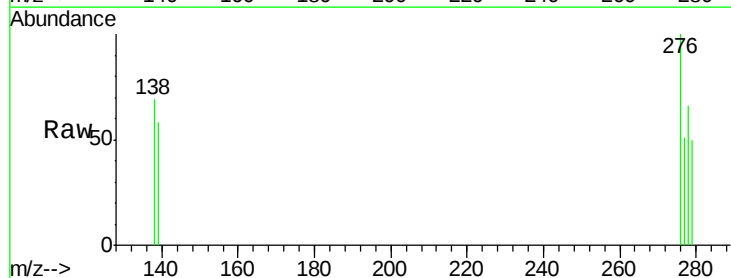
Tgt Ion:276 Resp: 528

Ion Ratio Lower Upper

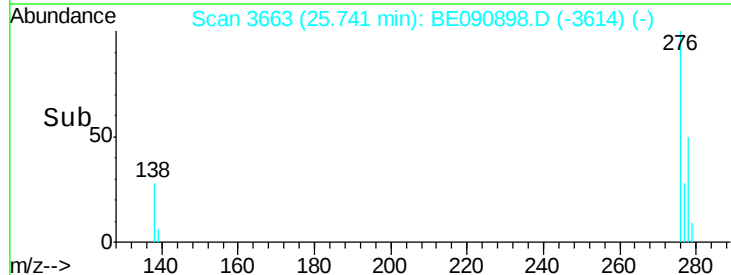
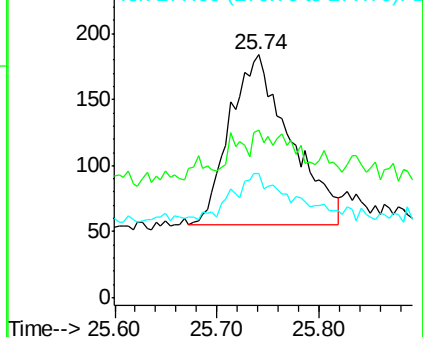
276 100

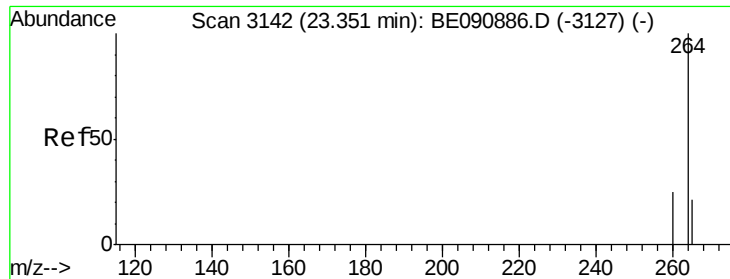
138 3.6 23.3 34.9#

277 19.9 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

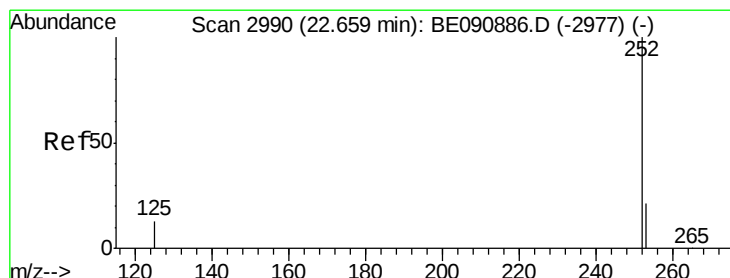
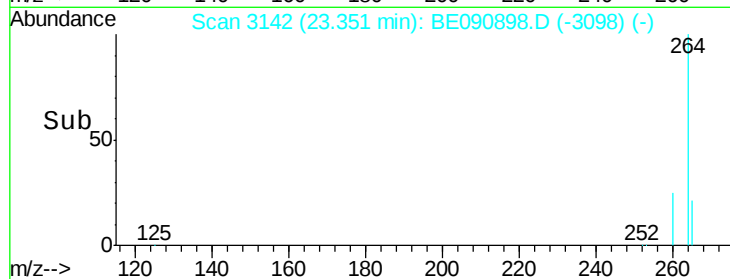
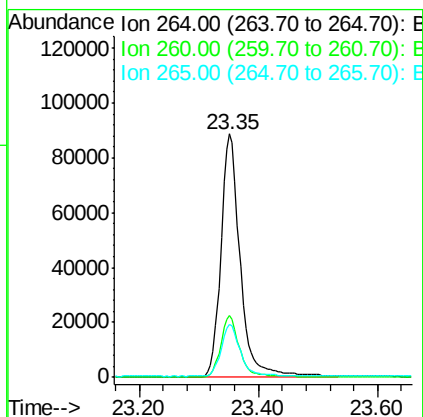
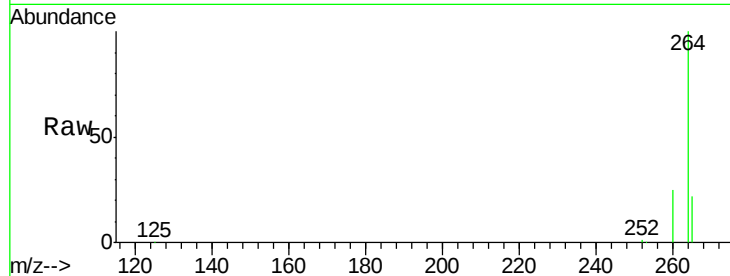




#33
Pervlene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

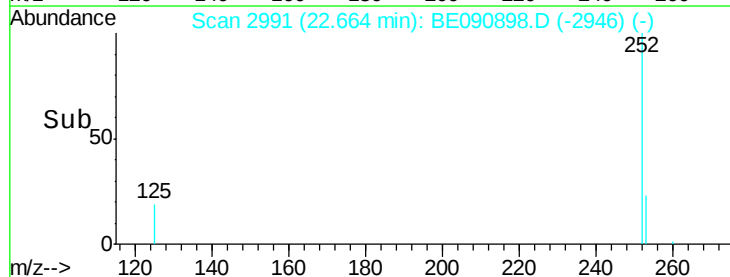
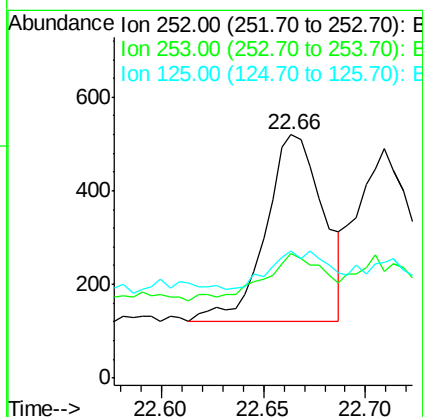
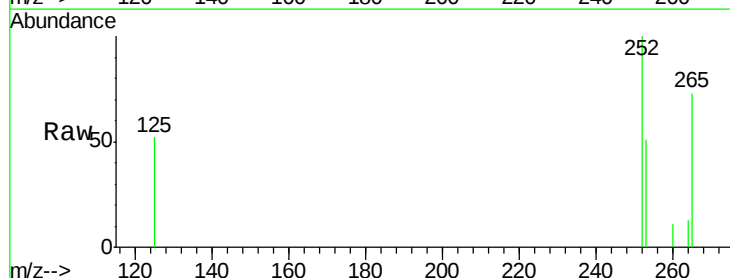
Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-S

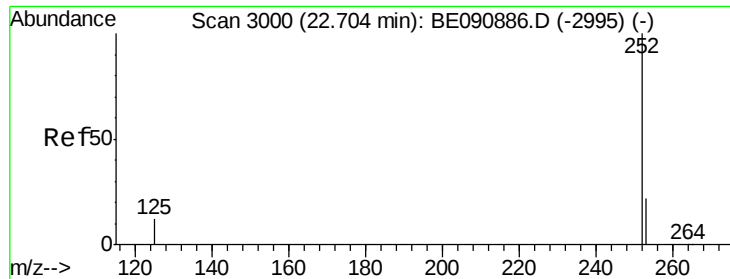
Tot Ion:264 Resp: 201354
Ion Ratio Lower Upper
264 100
260 25.3 19.7 29.5
265 21.9 17.5 26.3



#34
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.66 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:252 Resp: 786
Ion Ratio Lower Upper
252 100
253 51.2 17.9 26.9#
125 52.1 10.6 16.0#





#35

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 22.71 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

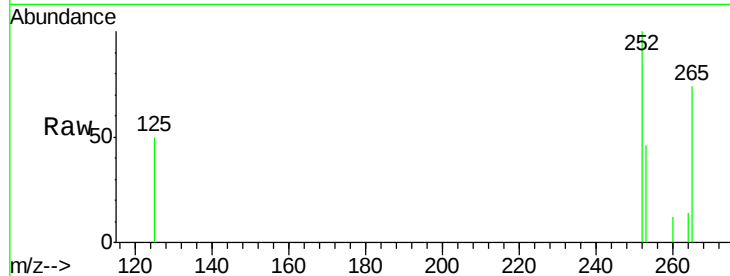
Tot Ion:252 Resp: 772

Ion Ratio Lower Upper

252 100

253 46.4 17.9 26.9#

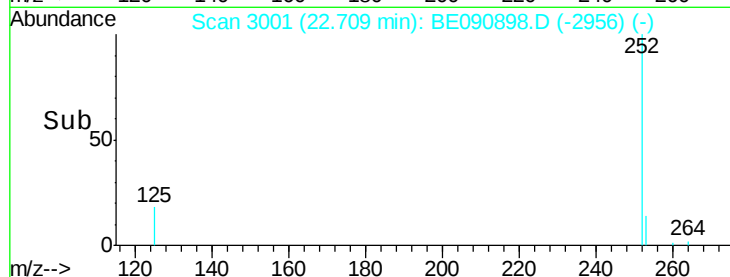
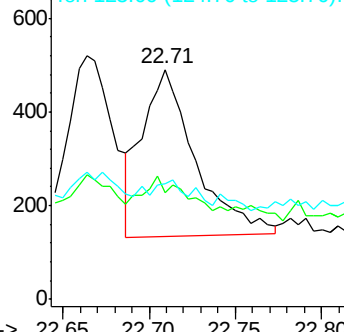
125 50.3 10.1 15.1#



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: 0.01 ng

RT: 23.25 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

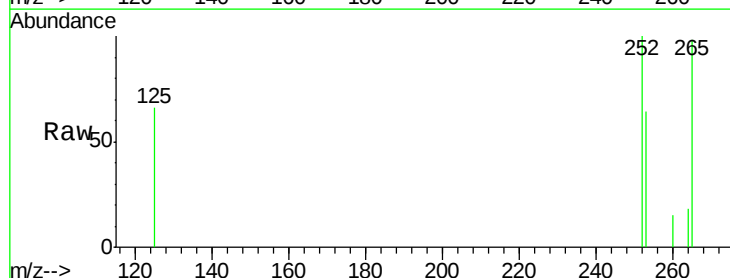
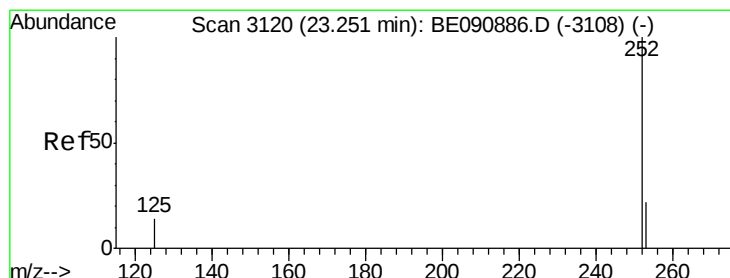
Tgt Ion:252 Resp: 554

Ion Ratio Lower Upper

252 100

253 63.9 17.2 25.8#

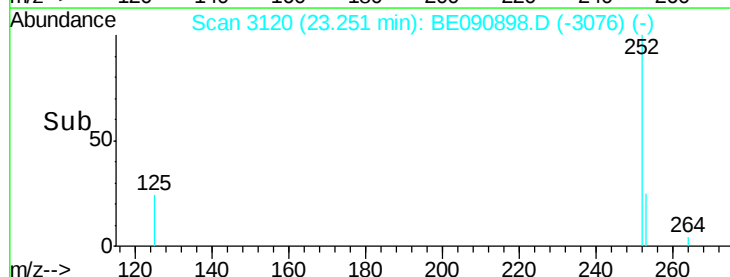
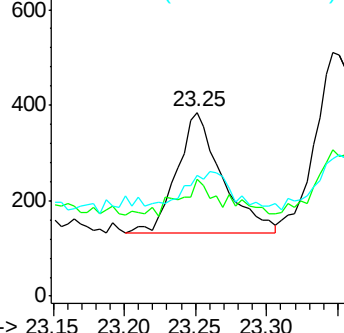
125 66.0 18.0 27.0#

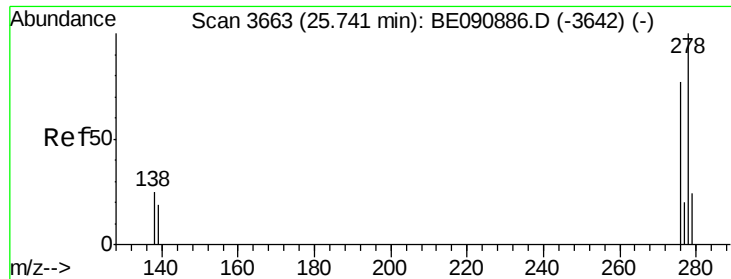


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

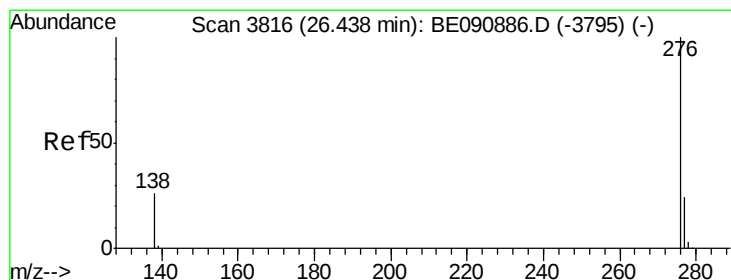
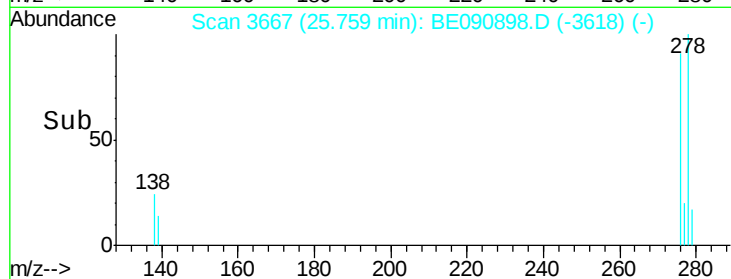
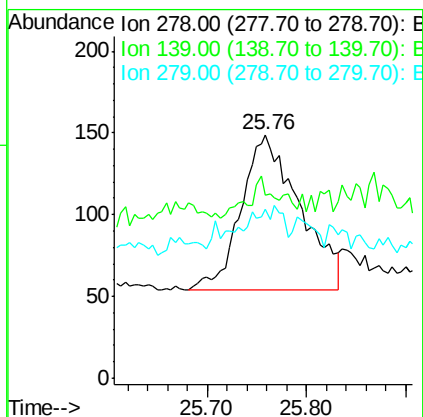
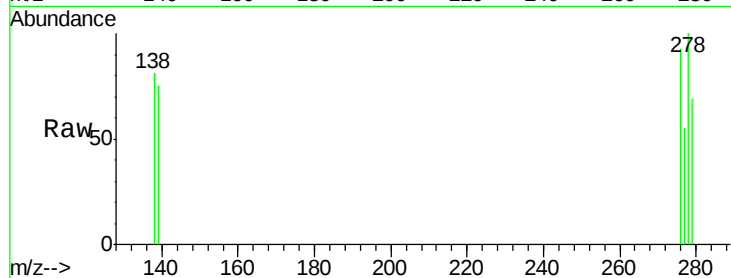




#37
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 25.76 min Scan# 3667
Delta R.T. 0.02 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Instrument :
BNA_E
ClientSampleId :
091515-P004-E-U-S

Tot Ion:278 Resp: 389
Ion Ratio Lower Upper
278 100
139 75.2 15.4 23.0#
279 69.1 18.8 28.2#



#38
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 26.45 min Scan# 3819
Delta R.T. 0.02 min
Lab File: BE090898.D
Acq: 19 Sep 2015 6:18

Tgt Ion:276 Resp: 507
Ion Ratio Lower Upper
276 100
277 47.1 18.5 27.7#
138 67.9 20.1 30.1#

