

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100715\
 Data File : BE090987.D
 Acq On : 7 Oct 2015 14:04
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Oct 08 01:40:32 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 17:11:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	60668	5.00	ng	0.00
7) Naphthalene-d8	9.64	136	272855	5.00	ng	0.00
13) Acenaphthene-d10	13.46	164	146429	5.00	ng	0.00
19) Phenanthrene-d10	16.19	188	360853	5.00	ng	0.00
26) Chrysene-d12	20.33	240	482710	5.00	ng	0.00
35) Perylene-d12	22.25	264	530662	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.00	112	12663	1.09	ng	0.00
5) Phenol-d6	6.62	99	14870	0.96	ng	0.00
8) Nitrobenzene-d5	8.24	82	19730	1.24	ng	0.00
14) 2,4,6-Tribromophenol	14.98	330	3955	0.93	ng	0.00
15) 2-Fluorobiphenyl	12.10	172	39829	1.00	ng	0.00
29) Terphenyl-d14	18.74	244	59958	1.03	ng	0.00

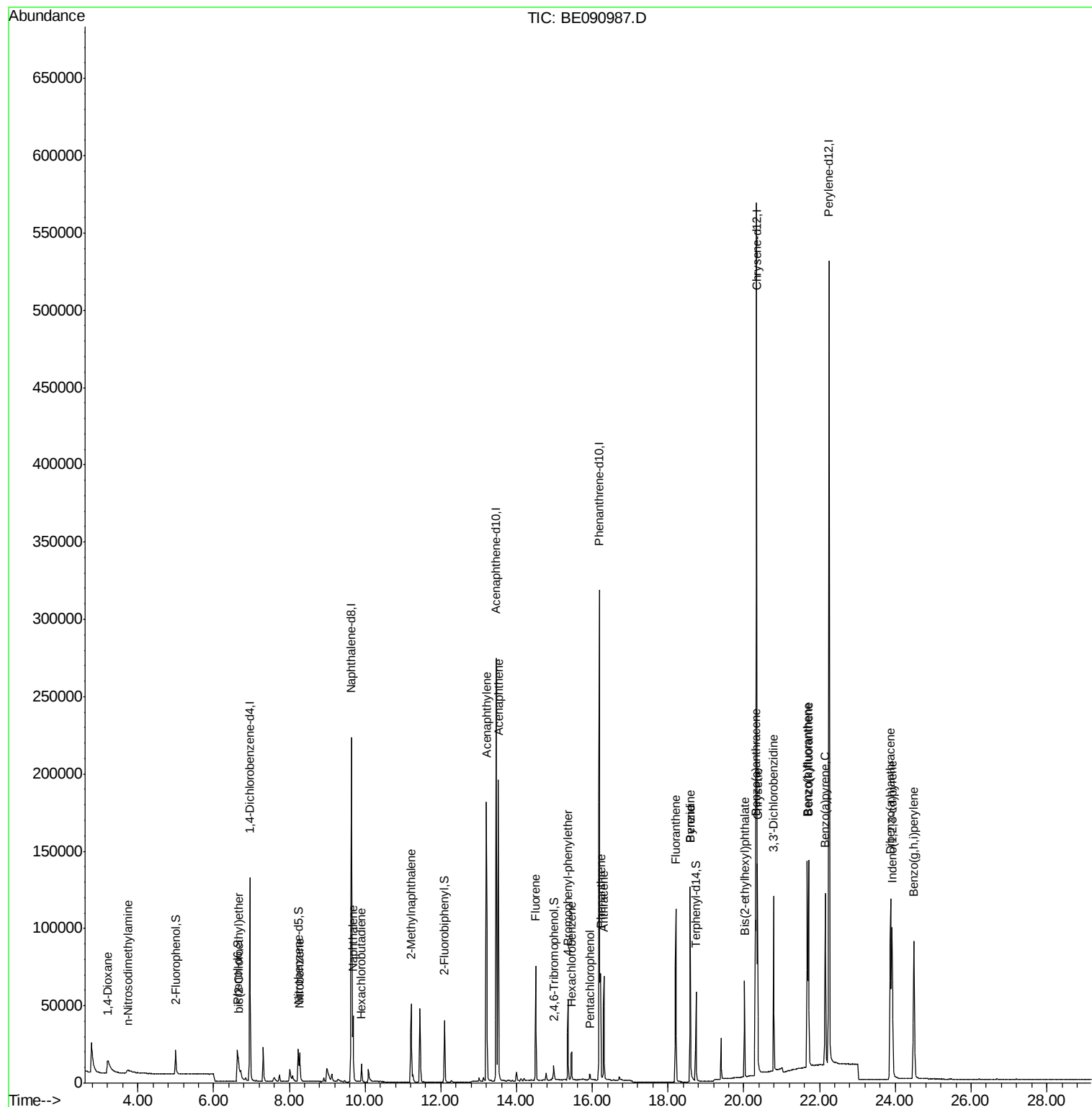
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	19254	2.34	ng	89
3) n-Nitrosodimethylamine	3.73	42	6805	0.68	ng	# 35
6) bis(2-Chloroethyl)ether	6.66	93	36172	2.21	ng	# 28
9) Nitrobenzene	8.27	77	21585	1.28	ng	99
10) Naphthalene	9.68	128	55585	0.99	ng	99
11) Hexachlorobutadiene	9.91	225	8197	0.85	ng	99
12) 2-Methylnaphthalene	11.21	142	36448	1.05	ng	98
16) Acenaphthylene	13.21	152	236464	0.97	ng	100
17) Acenaphthene	13.52	154	37407	0.96	ng	92
18) Fluorene	14.51	166	47737	0.99	ng	98
20) 4-Bromophenyl-phenylether	15.36	248	13340	0.98	ng	92
21) Hexachlorobenzene	15.45	284	14605	0.12	ng	99
22) Pentachlorophenol	15.93	266	3237	0.83	ng	95
23) Phenanthrene	16.23	178	83975	0.97	ng	100
24) Anthracene	16.31	178	79015	1.02	ng	99
25) Fluoranthene	18.20	202	100403	1.04	ng	100
27) Benzidine	18.59	184	15030	1.85	ng	# 79
28) Pyrene	18.59	202	104901	0.94	ng	100
30) Benzo(a)anthracene	20.31	228	115522	1.08	ng	99
31) 3,3'-Dichlorobenzidine	20.78	252	137	0.03	ng	# 17
32) Chrysene	20.36	228	118781	0.92	ng	97
33) Bis(2-ethylhexyl)phthalate	20.02	149	54105	1.46	ng	98
34) Indeno(1,2,3-cd)pyrene	23.92	276	137689	1.22	ng	# 91
36) Benzo(b)fluoranthene	21.67	252	123549	1.06	ng	96
37) Benzo(k)fluoranthene	21.71	252	133761	0.87	ng	97
38) Benzo(a)pyrene	22.15	252	119043	1.10	ng	95
39) Dibenzo(a,h)anthracene	23.87	278	136041	1.27	ng	99
40) Benzo(g,h,i)perylene	24.49	276	140423	1.21	ng	98

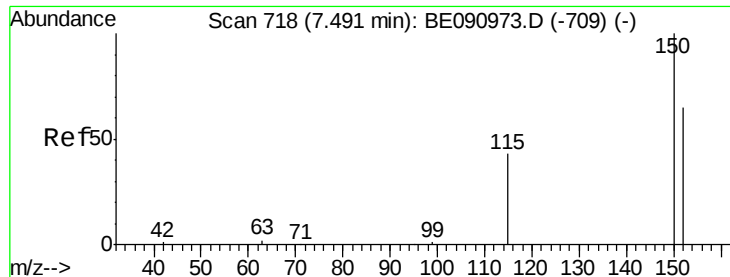
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.96 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

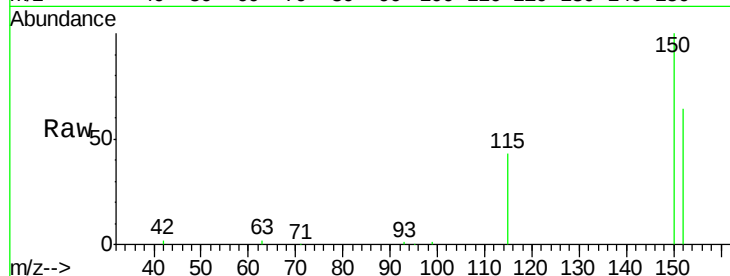
Tot Ion:152 Resp: 60668

Ion Ratio Lower Upper

152 100

150 157.0 122.6 183.8

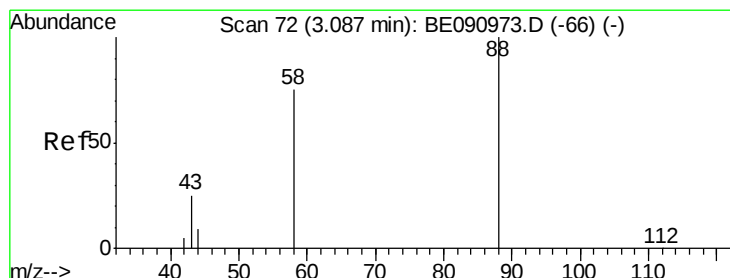
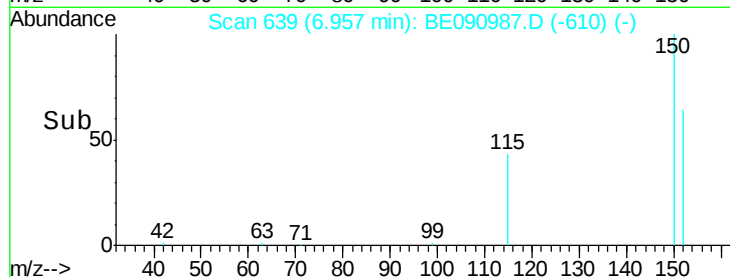
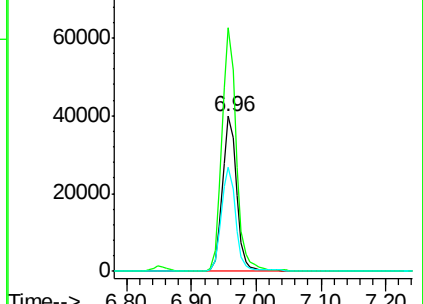
115 67.4 52.8 79.2



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: 2.34 ng

RT: 3.20 min Scan# 89

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

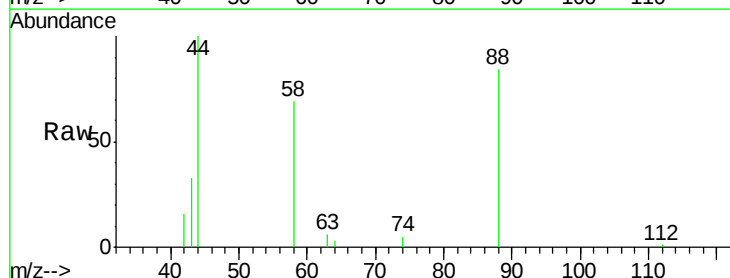
Tgt Ion: 88 Resp: 19254

Ion Ratio Lower Upper

88 100

58 94.5 65.8 98.6

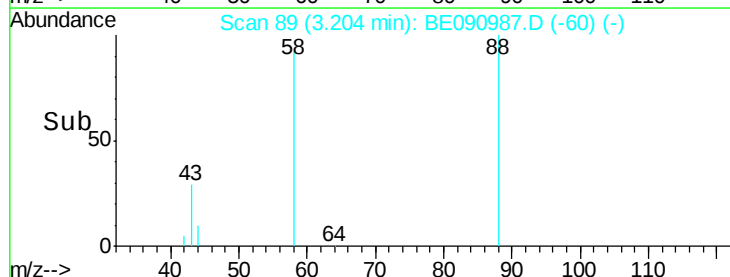
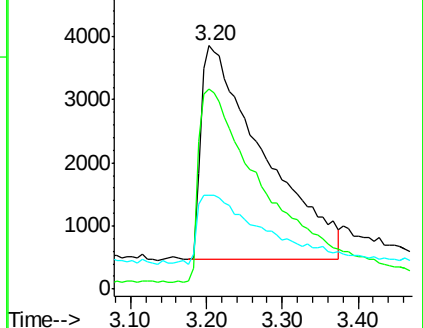
43 33.7 25.3 37.9

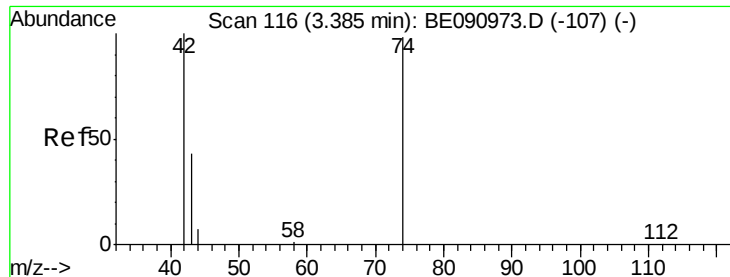


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



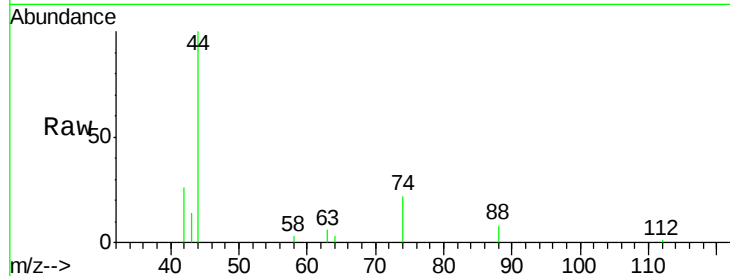


#3

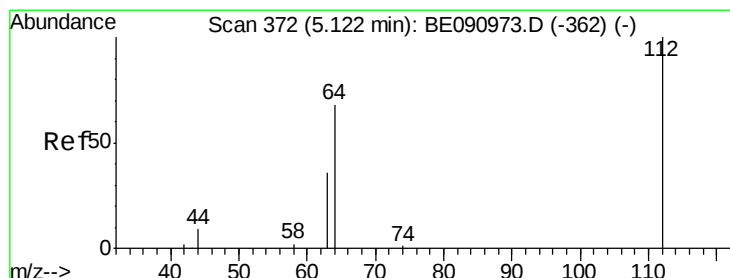
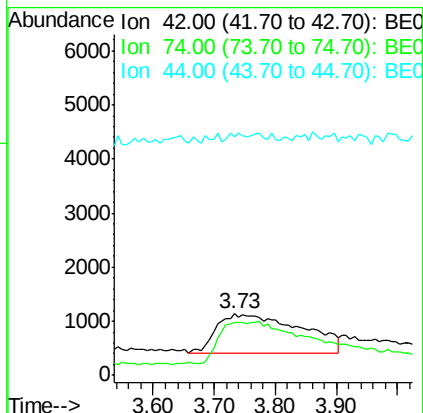
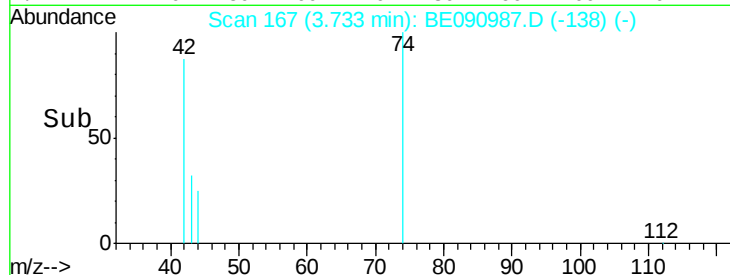
n-Nitrosodimethylamine
 Concen: 0.68 ng
 RT: 3.73 min Scan# 167
 Delta R.T. 0.00 min
 Lab File: BE090987.D
 Acq: 7 Oct 2015 14:04

Instrument :
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Tot Ion: 42 Resp: 6805
 Ion Ratio Lower Upper
 42 100
 74 36.9 87.9 131.9#
 44 4.2 6.6 9.8#



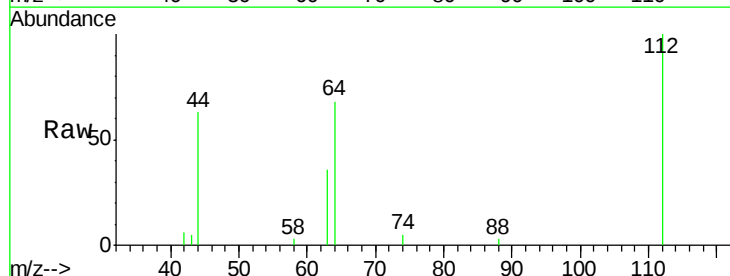
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



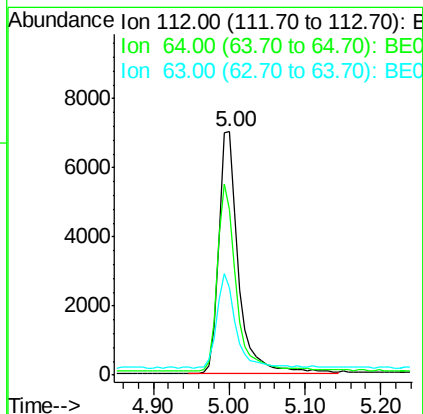
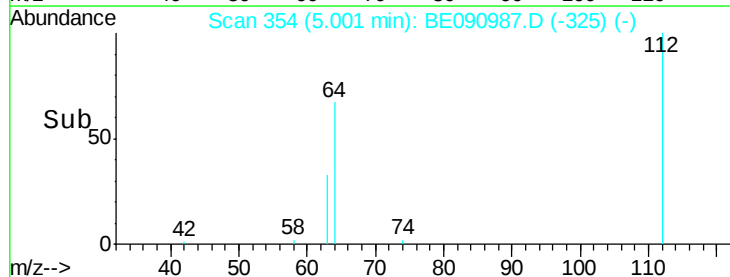
#4

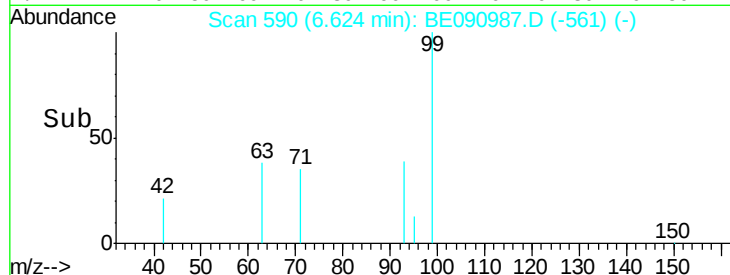
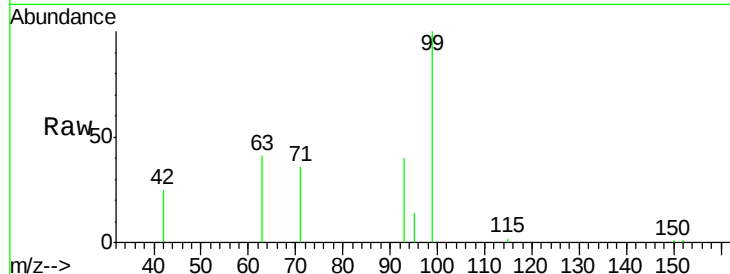
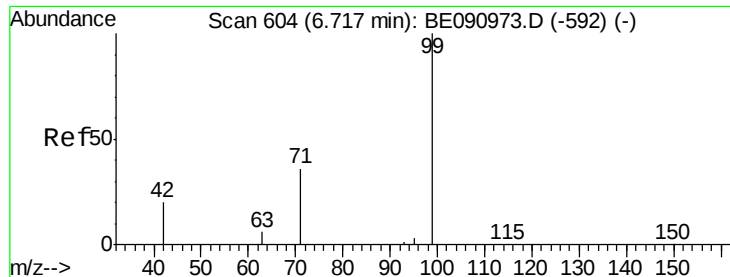
2-Fluorophenol
 Concen: 1.09 ng
 RT: 5.00 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: BE090987.D
 Acq: 7 Oct 2015 14:04

Tgt Ion: 112 Resp: 12663
 Ion Ratio Lower Upper
 112 100
 64 74.0 30.9 46.3#
 63 37.1 16.7 25.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.96 ng

RT: 6.62 min Scan# 590

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampled :

SSTDCCC001

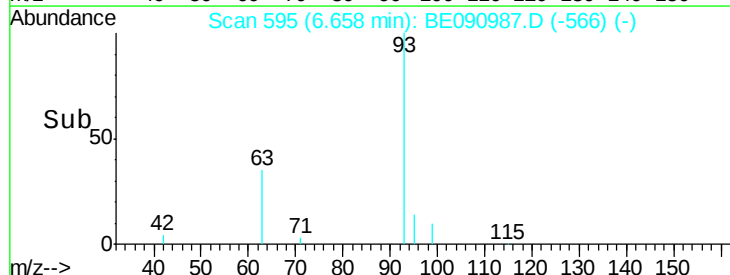
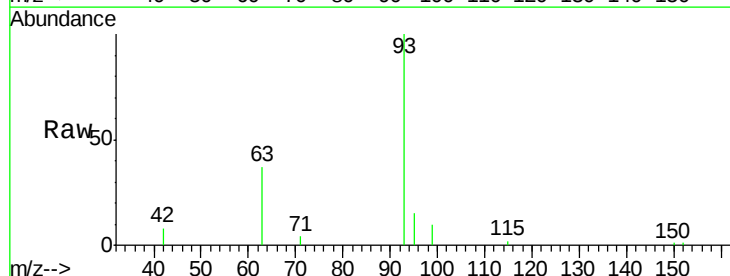
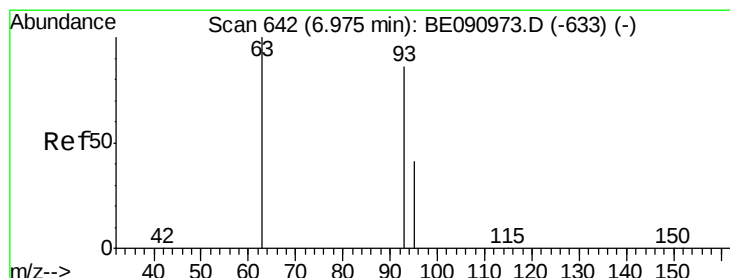
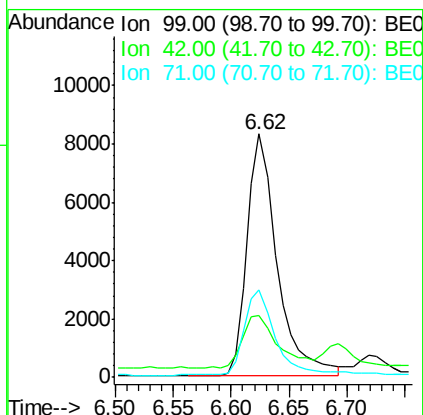
Tot Ion: 99 Resp: 14870

Ion Ratio Lower Upper

99 100

42 25.6 16.2 24.2#

71 36.6 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 2.21 ng

RT: 6.66 min Scan# 595

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

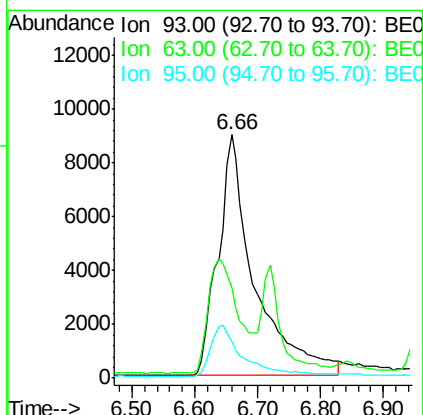
Tgt Ion: 93 Resp: 36172

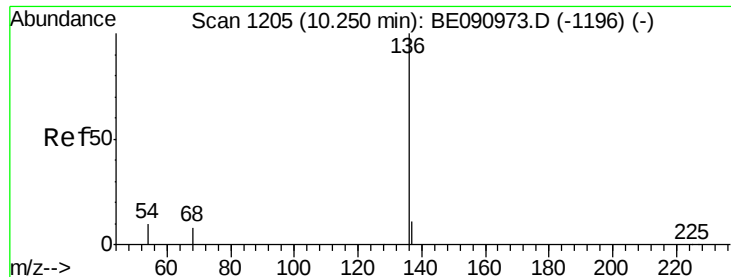
Ion Ratio Lower Upper

93 100

63 0.0 49.5 74.3#

95 0.0 22.2 33.4#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.64 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

Tot Ion:136 Resp: 272855

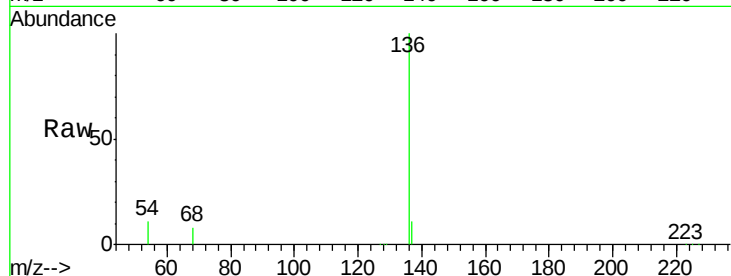
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 11.4 8.2 12.4

68 8.4 6.2 9.4

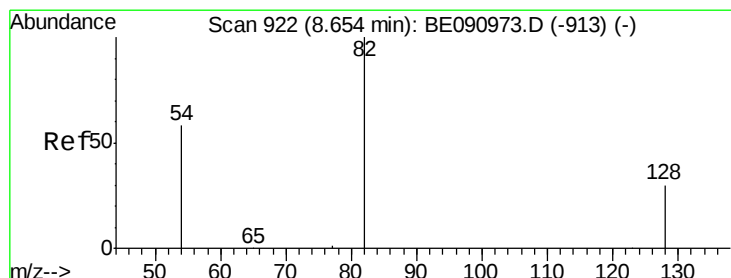
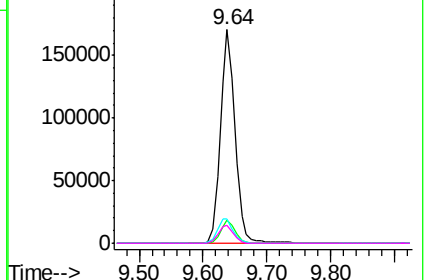
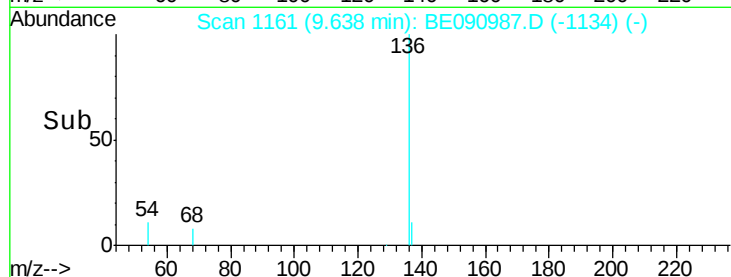


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.24 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

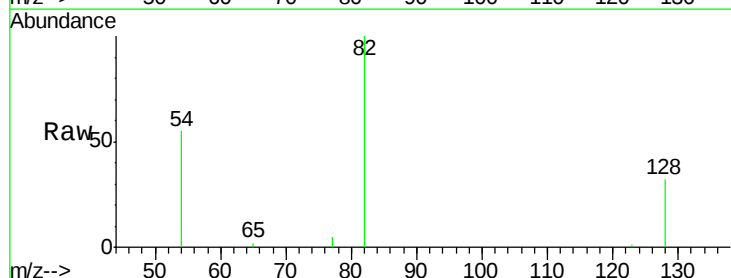
Tgt Ion: 82 Resp: 19730

Ion Ratio Lower Upper

82 100

128 32.2 25.4 38.0

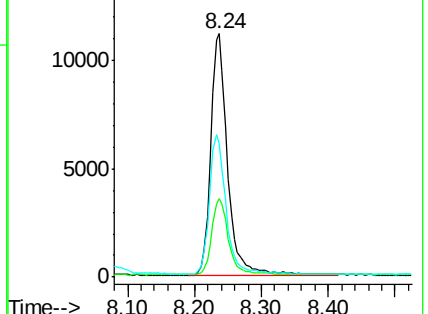
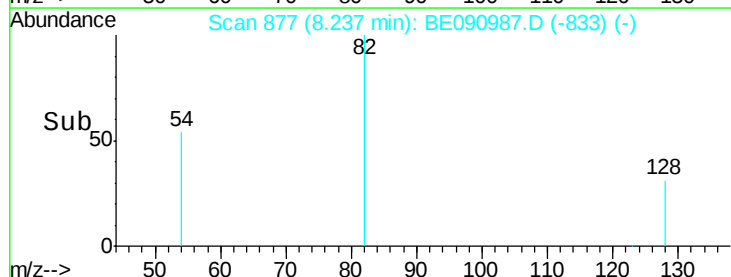
54 54.8 48.4 72.6

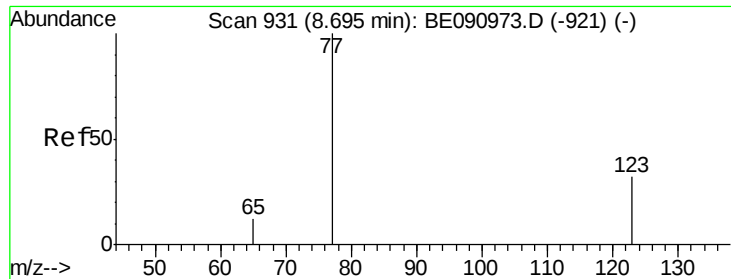


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 1.28 ng

RT: 8.27 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

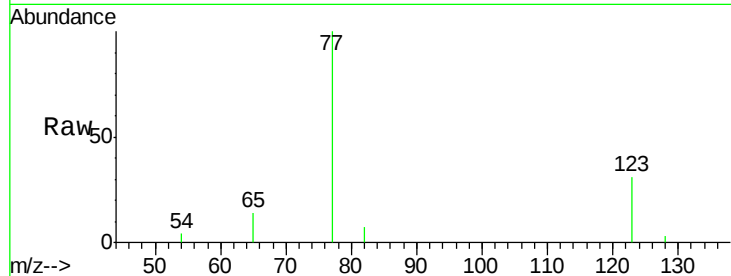
Tot Ion: 77 Resp: 21585

Ion Ratio Lower Upper

77 100

123 33.7 26.9 40.3

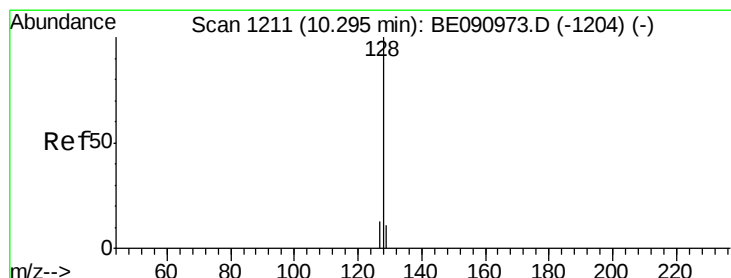
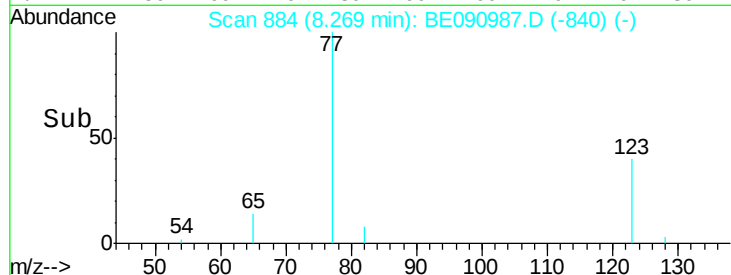
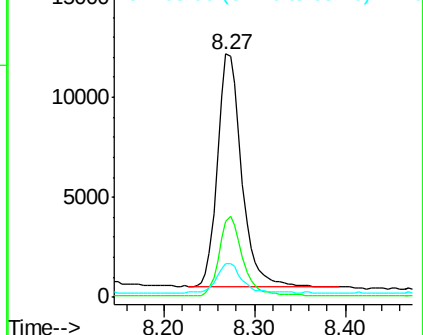
65 12.9 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE090987.D (-840) (-)

Ion 123.00 (122.70 to 123.70): BE090987.D (-840) (-)

Ion 65.00 (64.70 to 65.70): BE090987.D (-840) (-)



#10

Naphthalene

Concen: 0.99 ng

RT: 9.68 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

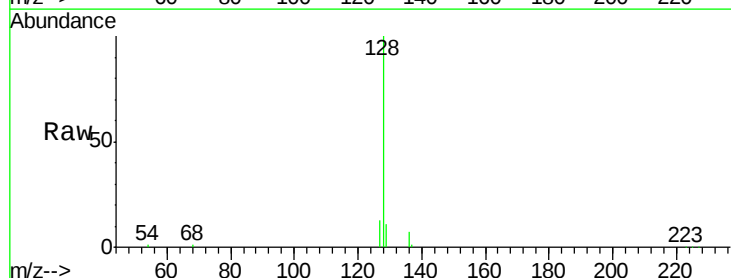
Tgt Ion: 128 Resp: 55585

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

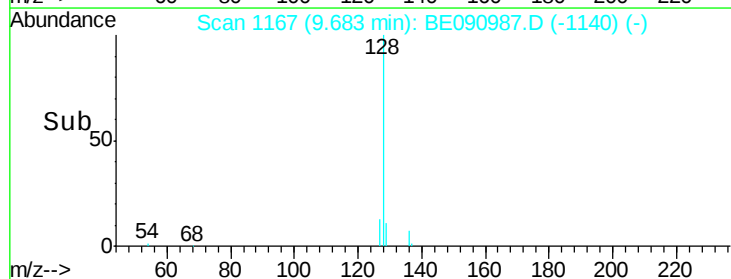
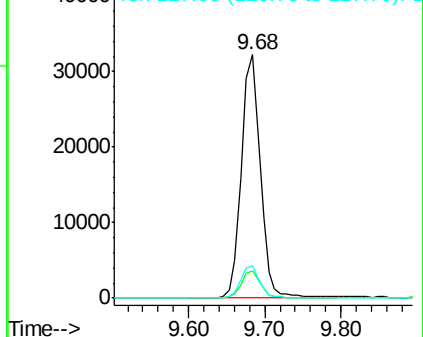
127 13.1 10.7 16.1

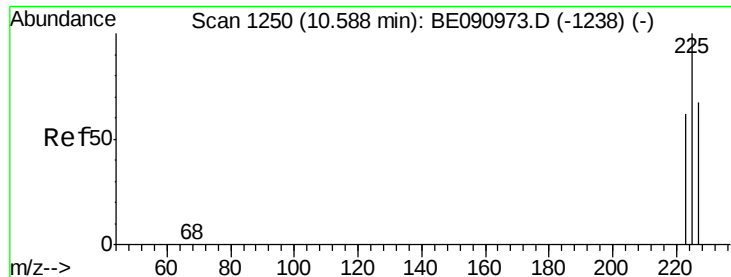


Abundance Ion 128.00 (127.70 to 128.70): BE090987.D (-1140) (-)

Ion 129.00 (128.70 to 129.70): BE090987.D (-1140) (-)

Ion 127.00 (126.70 to 127.70): BE090987.D (-1140) (-)

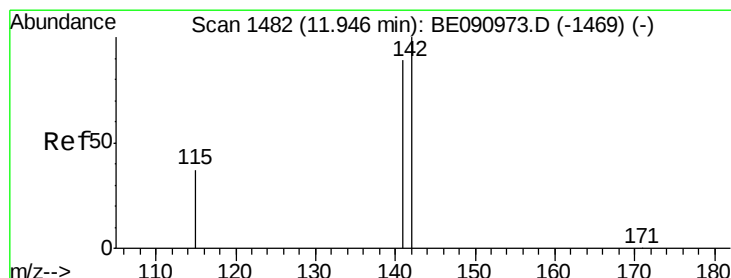
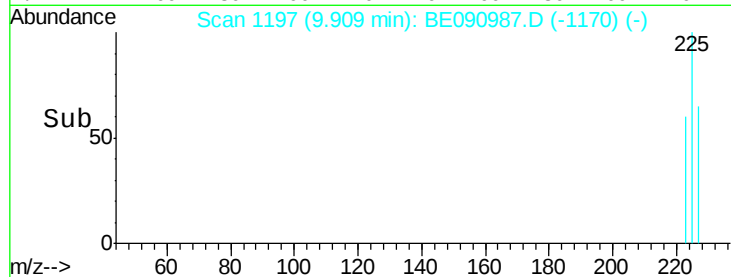
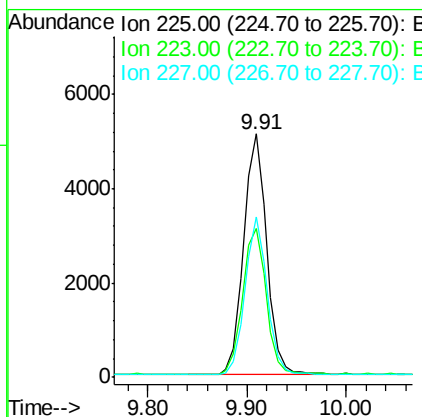
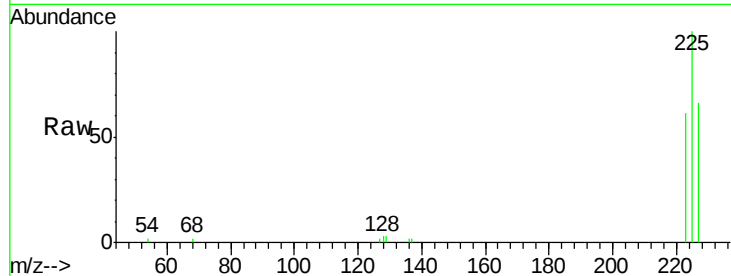




#11
Hexachlorobutadiene
Concen: 0.85 ng
RT: 9.91 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BE090987.D
Acq: 7 Oct 2015 14:04

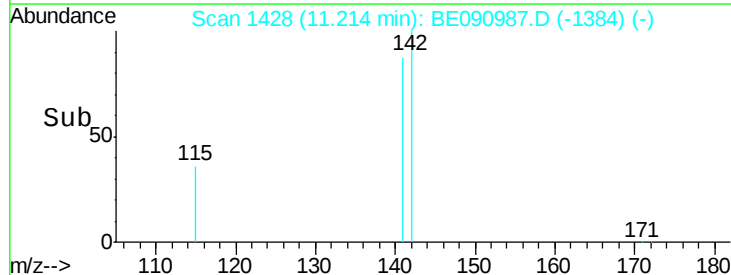
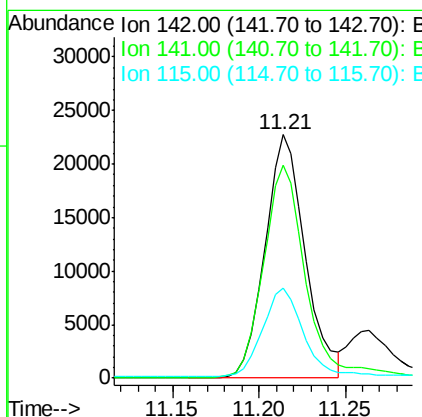
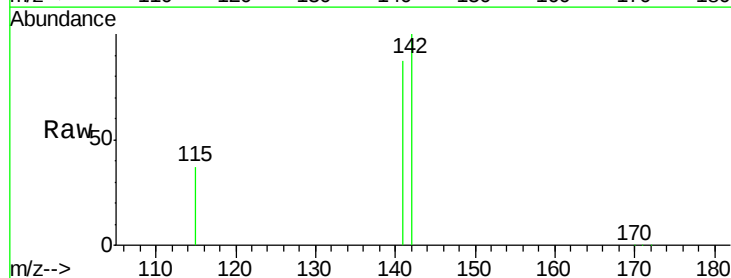
Instrument :
BNA_E
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SSTDCCC001

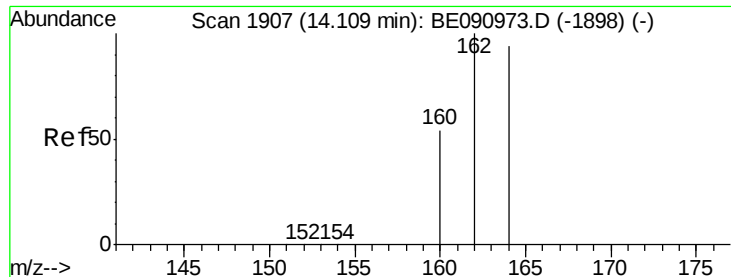
Tot Ion:225 Resp: 8197
Ion Ratio Lower Upper
225 100
223 62.4 49.0 73.6
227 63.3 50.3 75.5



#12
2-Methylnaphthalene
Concen: 1.05 ng
RT: 11.21 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BE090987.D
Acq: 7 Oct 2015 14:04

Tgt Ion:142 Resp: 36448
Ion Ratio Lower Upper
142 100
141 87.3 71.4 107.0
115 36.8 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.46 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

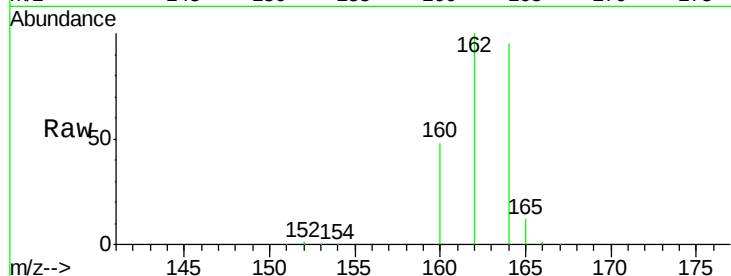
Tot Ion:164 Resp: 146429

Ion Ratio Lower Upper

164 100

162 105.0 85.3 127.9

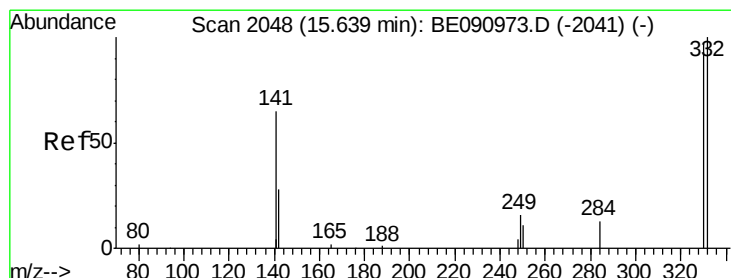
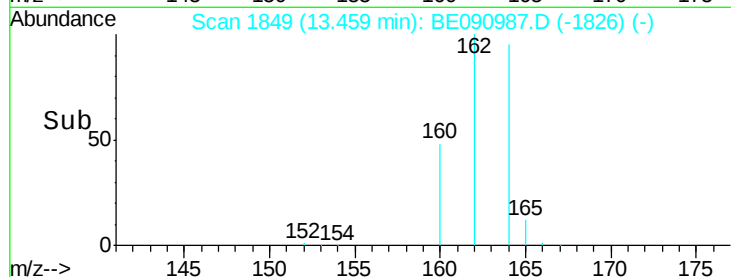
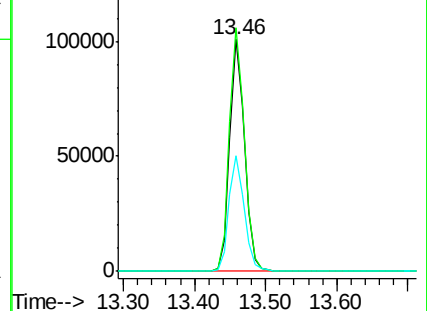
160 50.0 46.2 69.2



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: 0.93 ng

RT: 14.98 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

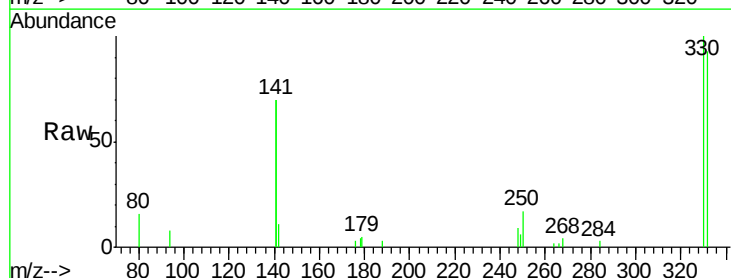
Tgt Ion:330 Resp: 3955

Ion Ratio Lower Upper

330 100

332 95.6 79.1 118.7

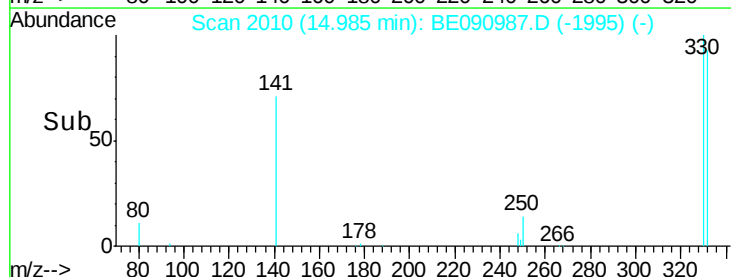
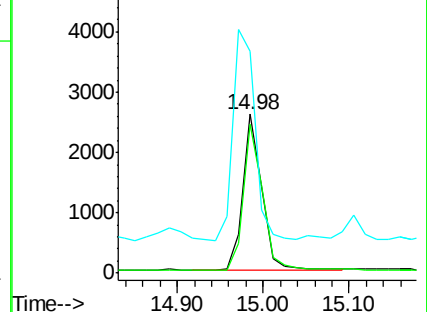
141 154.4 125.4 188.0

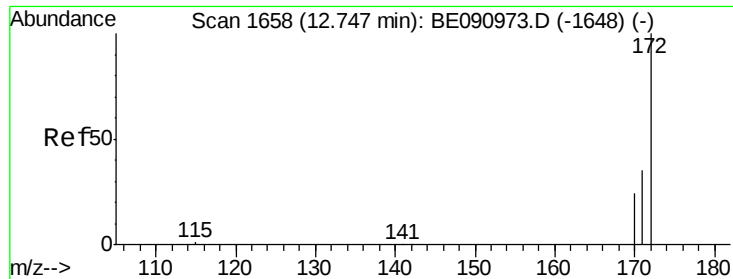


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

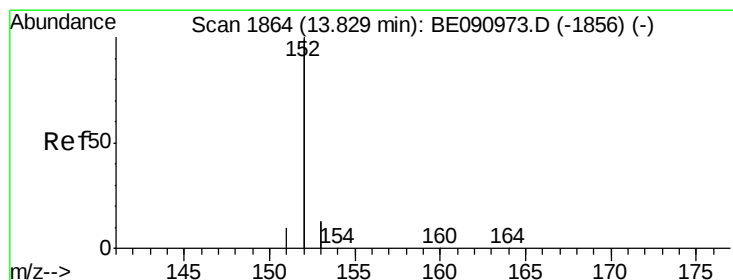
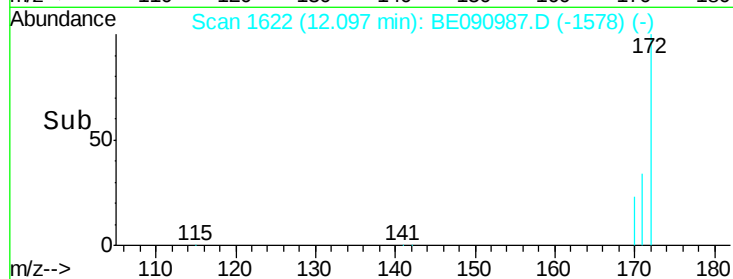
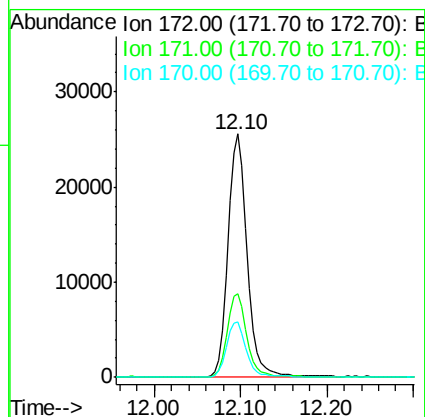
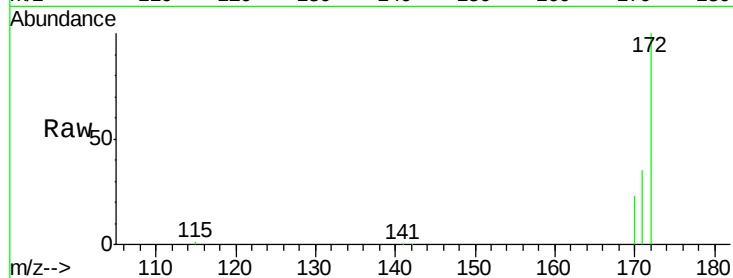




#15
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.10 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE090987.D
Acq: 7 Oct 2015 14:04

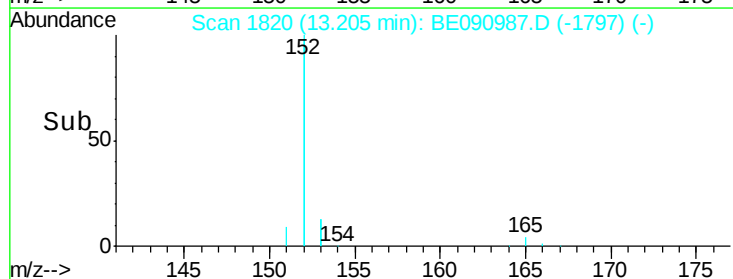
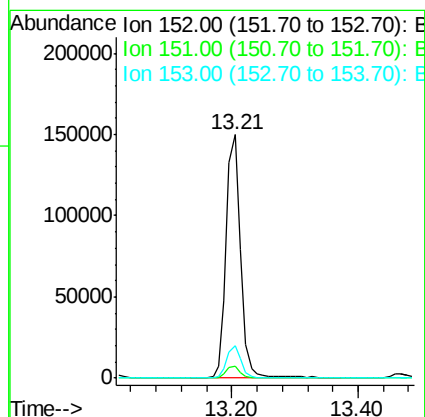
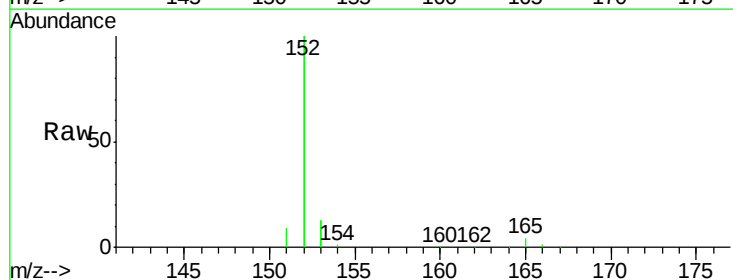
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

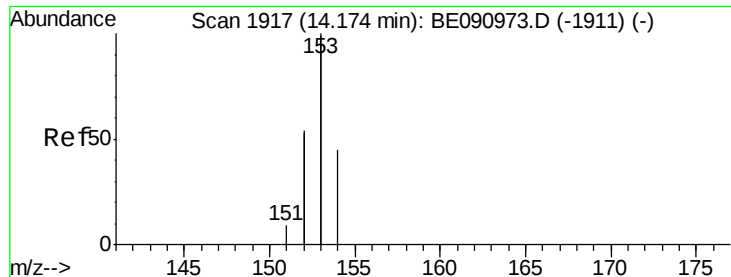
Tot Ion:172 Resp: 39829
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 22.8 19.3 28.9



#16
Acenaphthylene
Concen: 0.97 ng
RT: 13.21 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BE090987.D
Acq: 7 Oct 2015 14:04

Tgt Ion:152 Resp: 236464
Ion Ratio Lower Upper
152 100
151 4.8 3.9 5.9
153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 0.96 ng

RT: 13.52 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

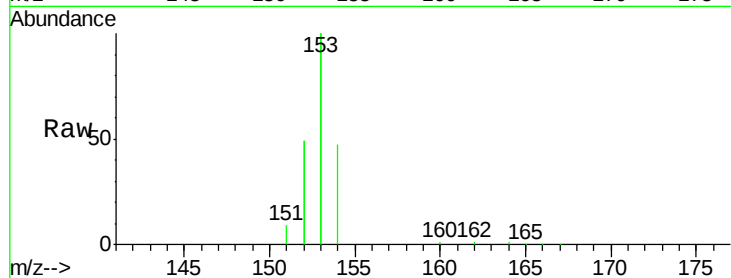
Tot Ion:154 Resp: 37407

Ion Ratio Lower Upper

154 100

153 435.8 352.0 528.0

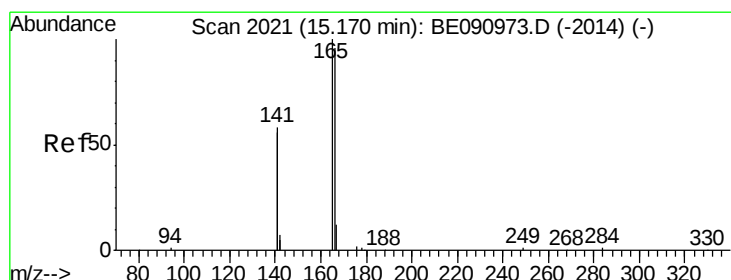
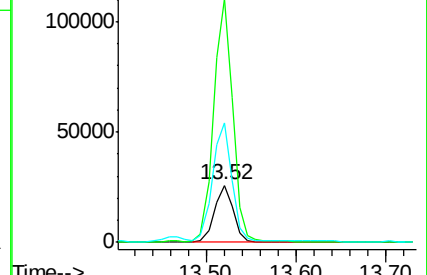
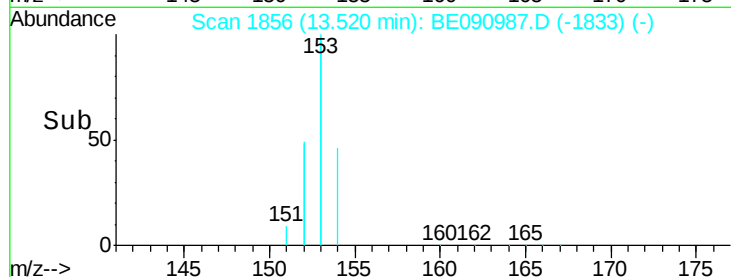
152 215.1 200.0 300.0



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: 0.99 ng

RT: 14.51 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

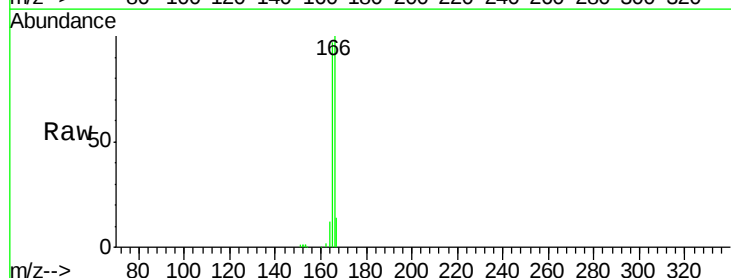
Tgt Ion:166 Resp: 47737

Ion Ratio Lower Upper

166 100

165 98.7 80.8 121.2

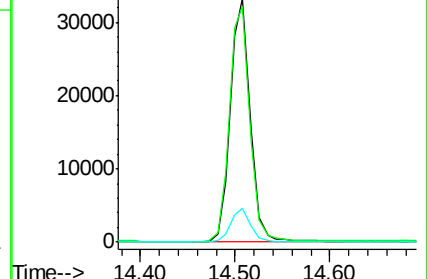
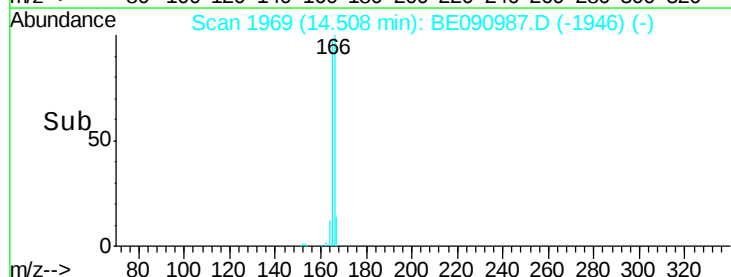
167 13.5 10.9 16.3

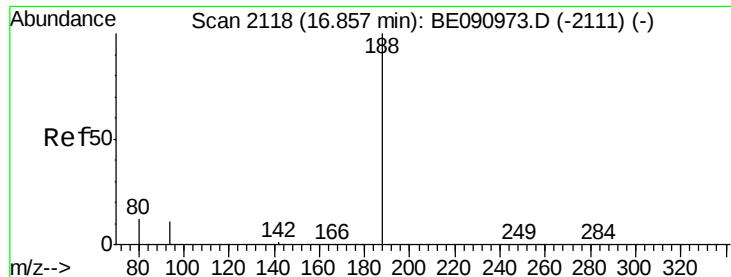


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.19 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

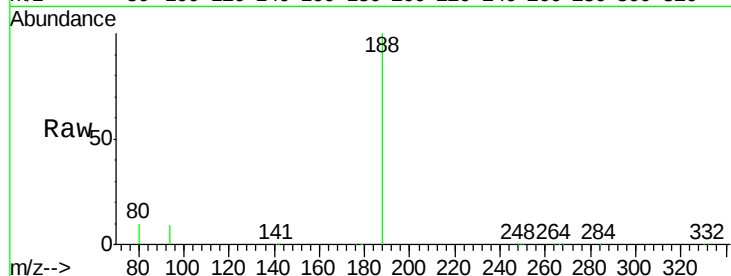
Tot Ion:188 Resp: 360853

Ion Ratio Lower Upper

188 100

94 9.4 8.7 13.1

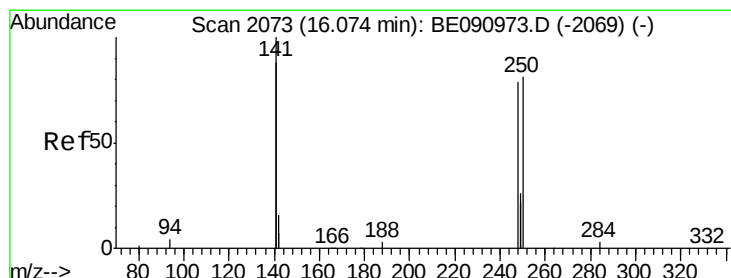
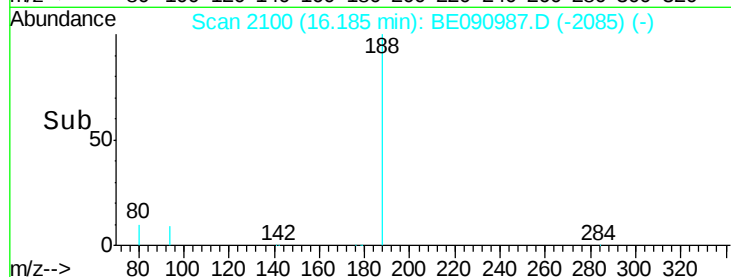
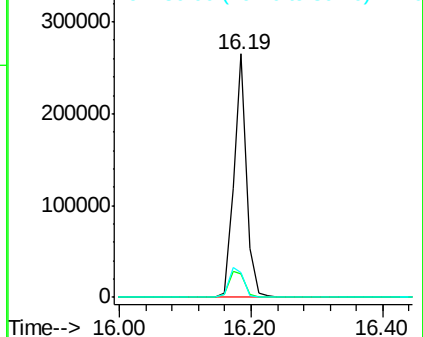
80 9.9 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.98 ng

RT: 15.36 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

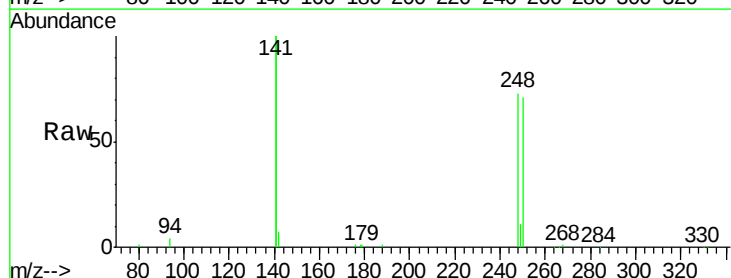
Tgt Ion:248 Resp: 13340

Ion Ratio Lower Upper

248 100

250 96.6 80.5 120.7

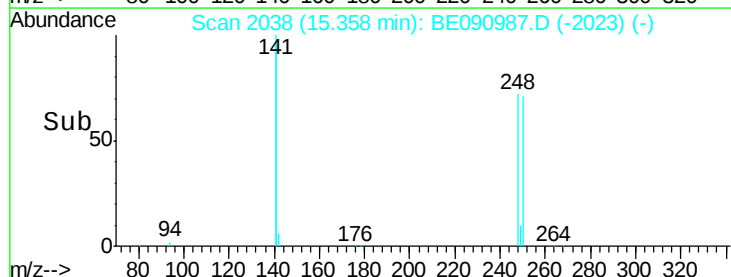
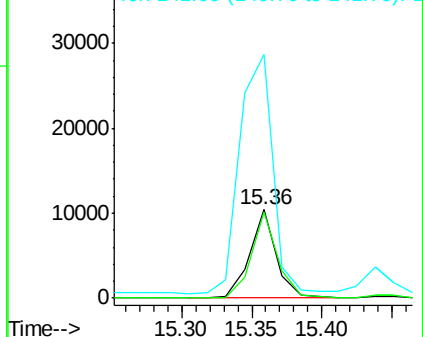
141 345.3 261.9 392.9

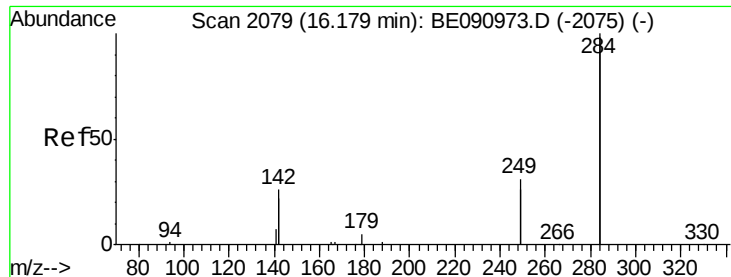


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.12 ng

RT: 15.45 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

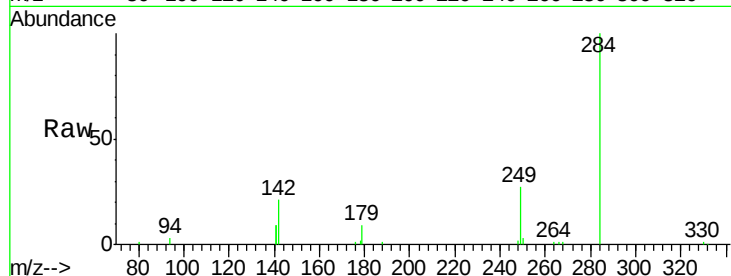
Tot Ion:284 Resp: 14605

Ion Ratio Lower Upper

284 100

142 41.0 32.2 48.2

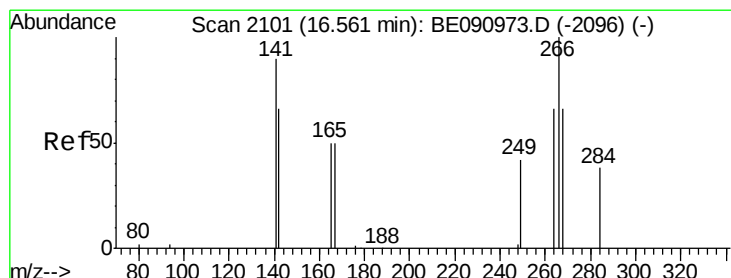
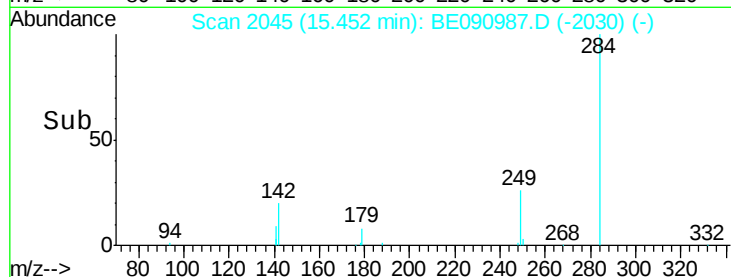
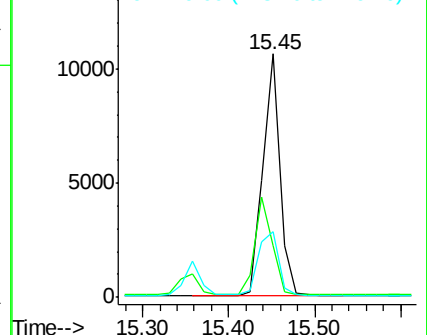
249 31.9 25.4 38.2



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: 0.83 ng

RT: 15.93 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

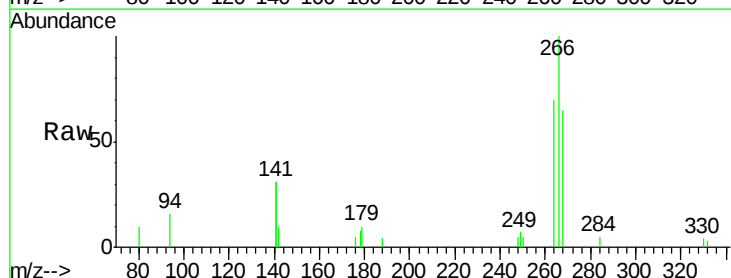
Tgt Ion:266 Resp: 3237

Ion Ratio Lower Upper

266 100

268 65.0 58.2 87.2

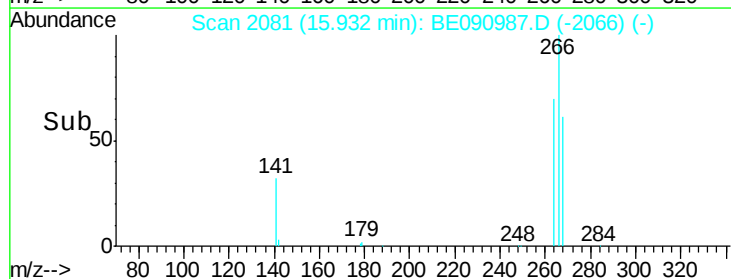
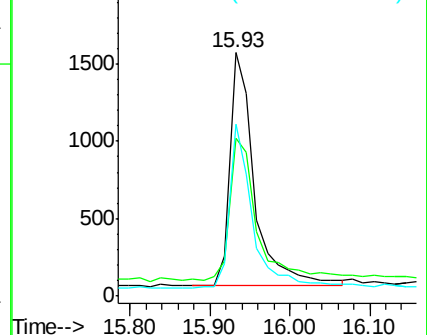
264 70.4 56.2 84.4

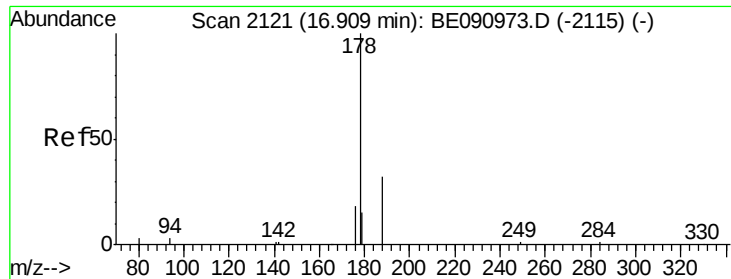


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.97 ng

RT: 16.23 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

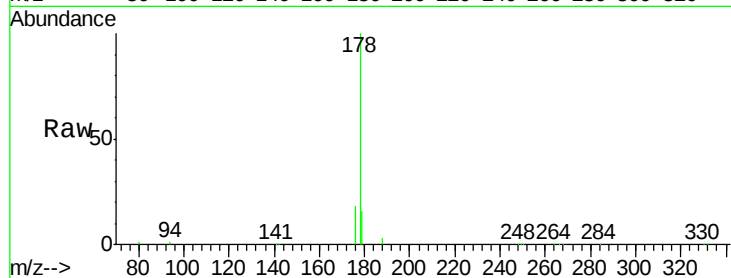
Tot Ion:178 Resp: 83975

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

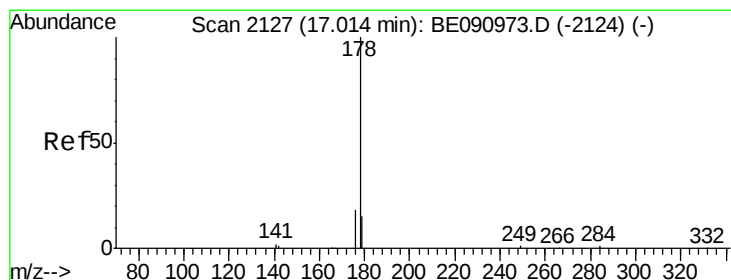
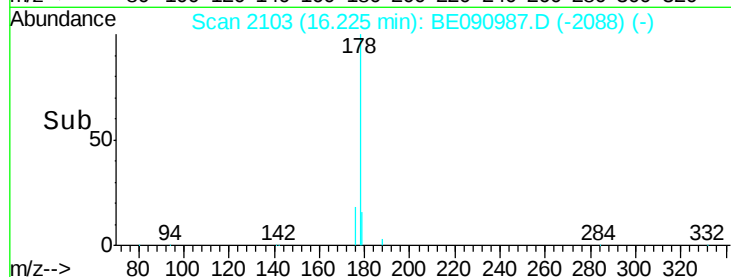
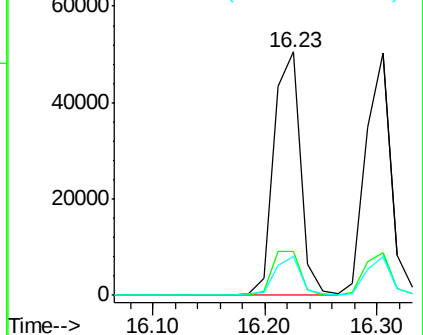
179 15.6 12.6 18.8



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: 1.02 ng

RT: 16.31 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

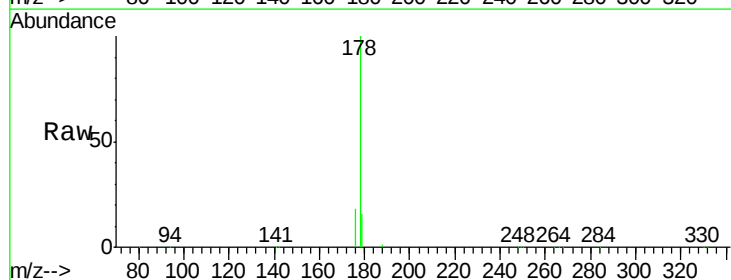
Tgt Ion:178 Resp: 79015

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

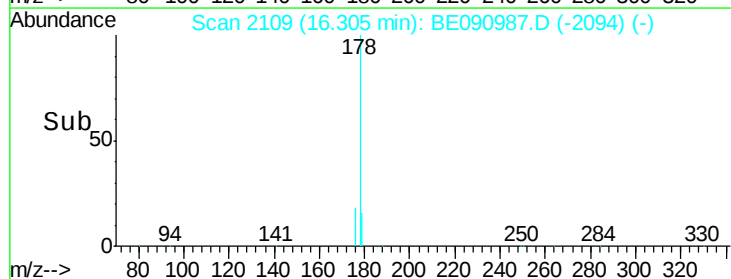
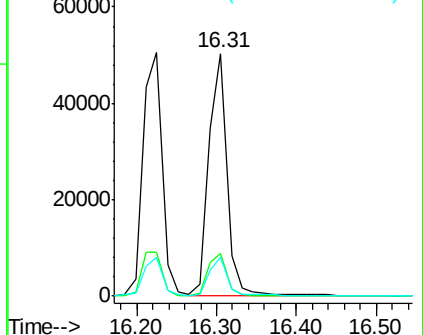
179 15.3 11.8 17.6

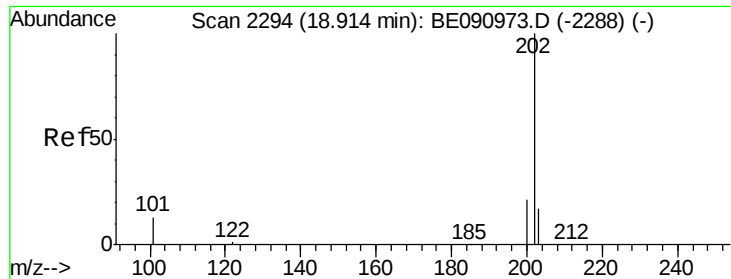


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 1.04 ng

RT: 18.20 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

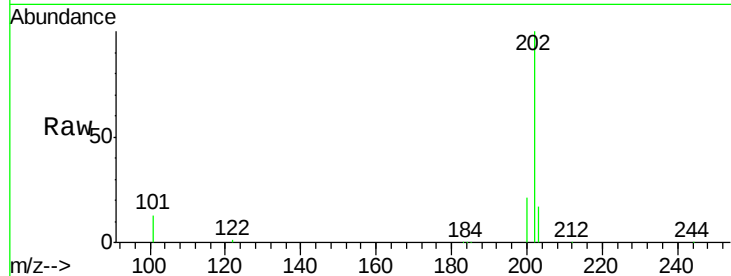
Tot Ion:202 Resp: 100403

Ion Ratio Lower Upper

202 100

101 13.8 11.0 16.6

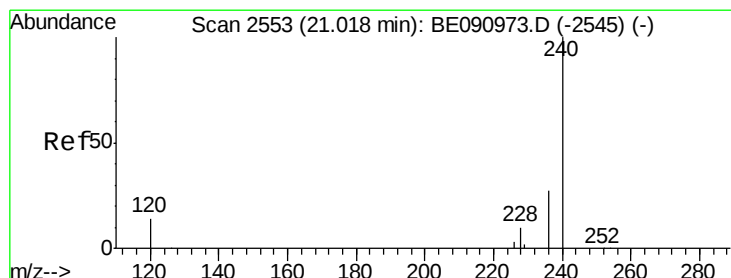
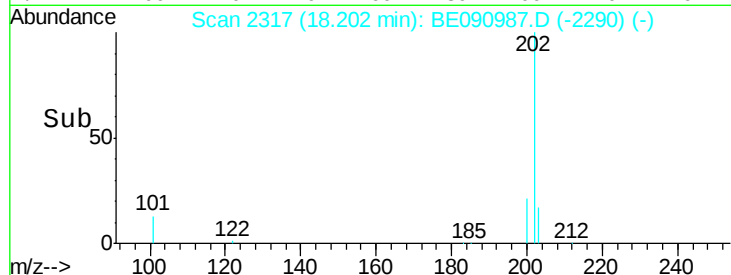
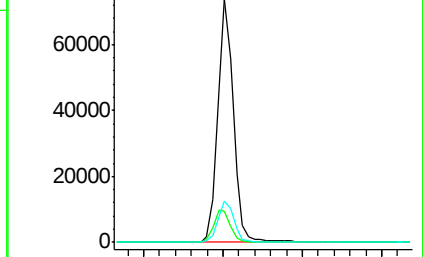
203 17.4 13.9 20.9



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: 20.33 min Scan# 2572

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

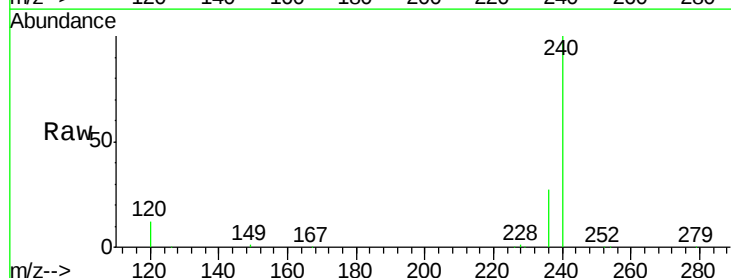
Tgt Ion:240 Resp: 482710

Ion Ratio Lower Upper

240 100

120 11.7 11.0 16.4

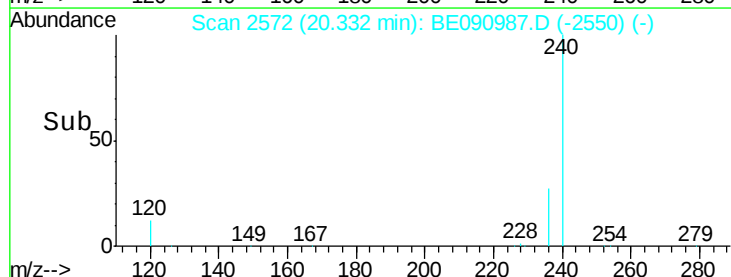
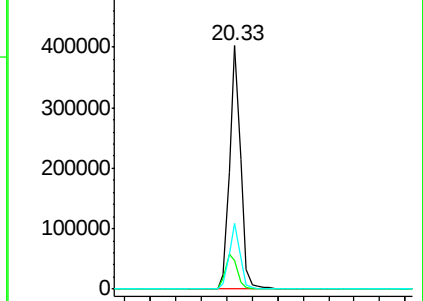
236 27.2 21.7 32.5

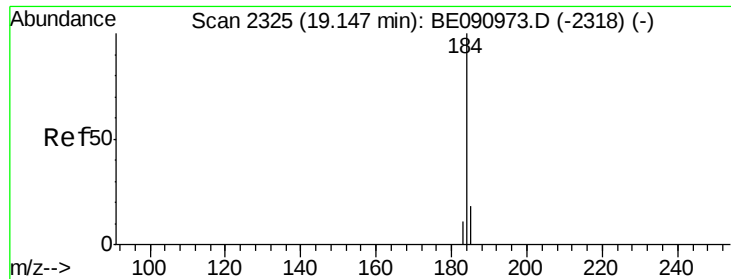


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

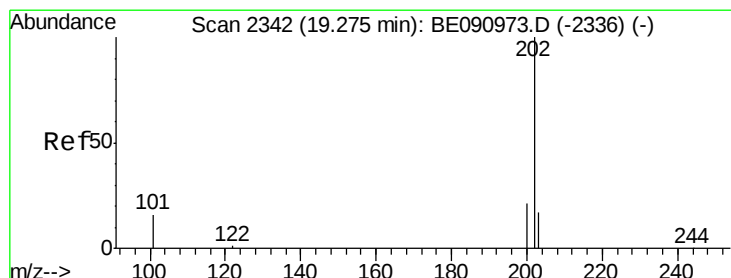
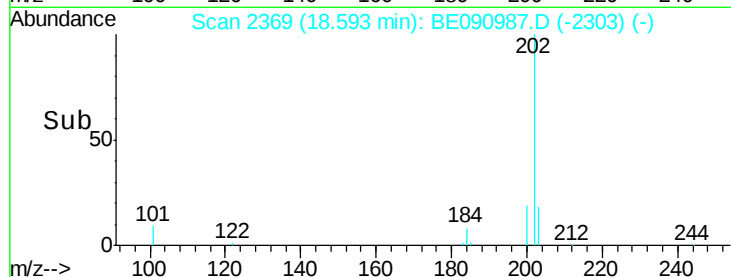
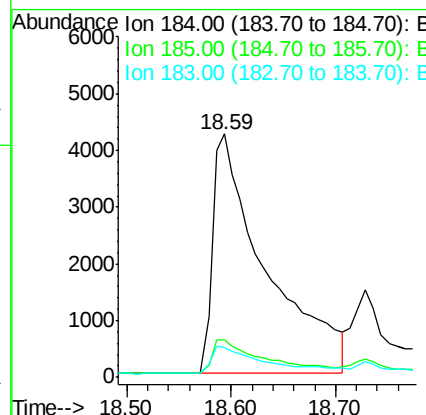
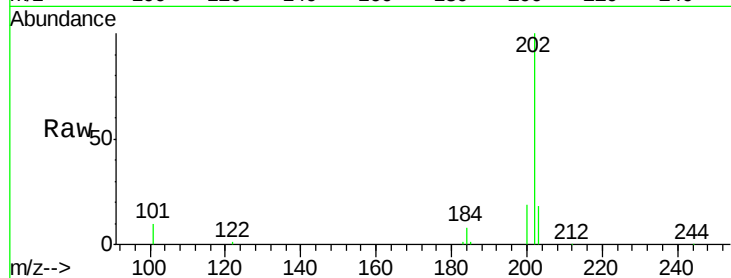




#27
Benzidine
Concen: 1.85 ng
RT: 18.59 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BE090987.D
Acq: 7 Oct 2015 14:04

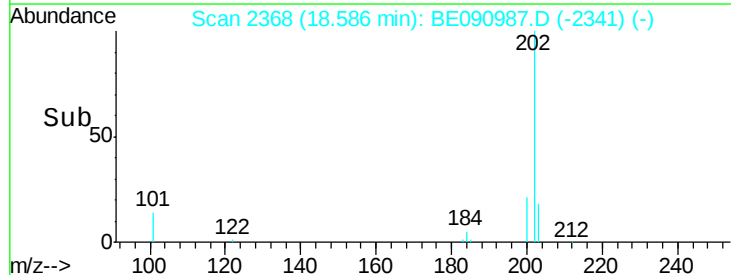
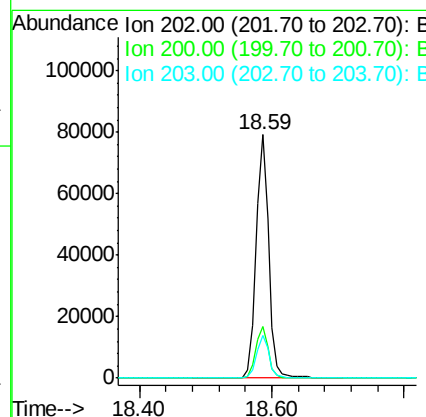
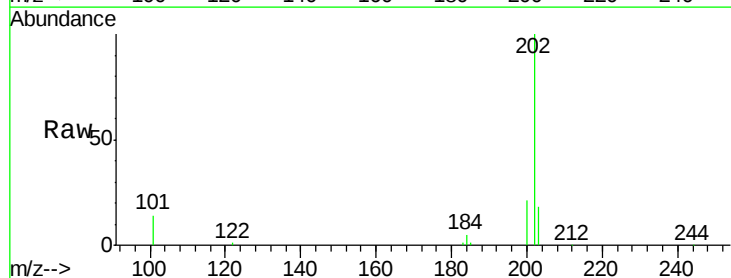
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

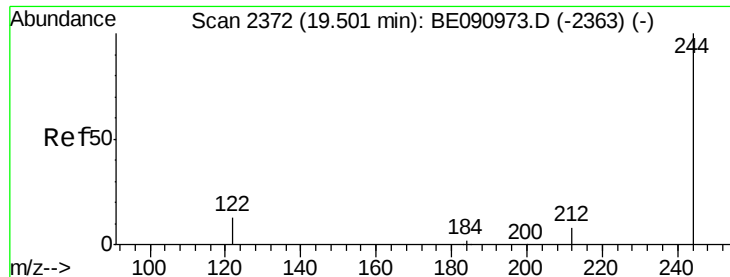
Tot Ion:184 Resp: 15030
Ion Ratio Lower Upper
184 100
185 15.4 22.3 33.5#
183 12.2 16.4 24.6#



#28
Pyrene
Concen: 0.94 ng
RT: 18.59 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BE090987.D
Acq: 7 Oct 2015 14:04

Tgt Ion:202 Resp: 104901
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 1.03 ng

RT: 18.74 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

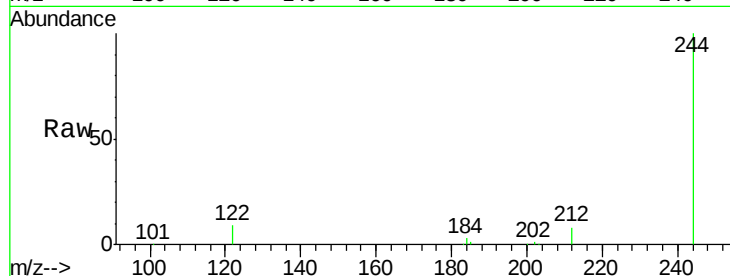
Tot Ion:244 Resp: 59958

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

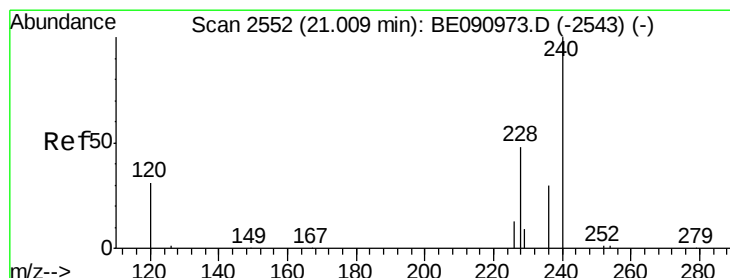
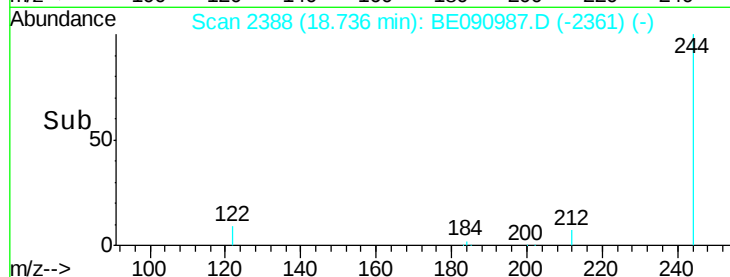
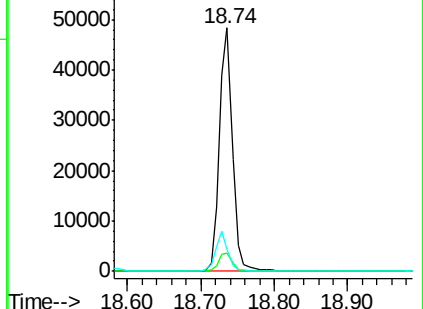
122 9.1 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 1.08 ng

RT: 20.31 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

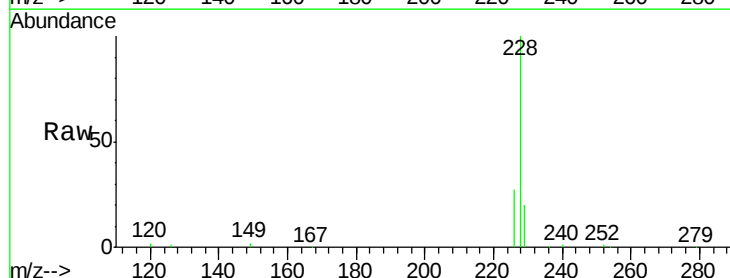
Tgt Ion:228 Resp: 115522

Ion Ratio Lower Upper

228 100

226 26.7 21.0 31.4

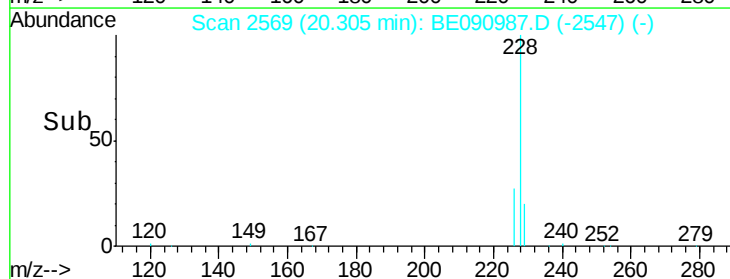
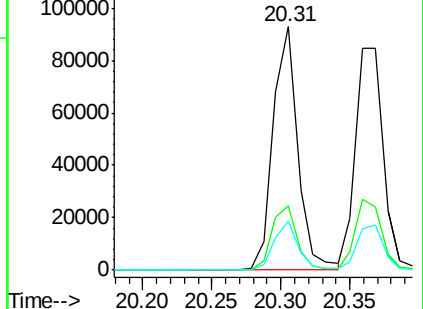
229 20.1 15.7 23.5

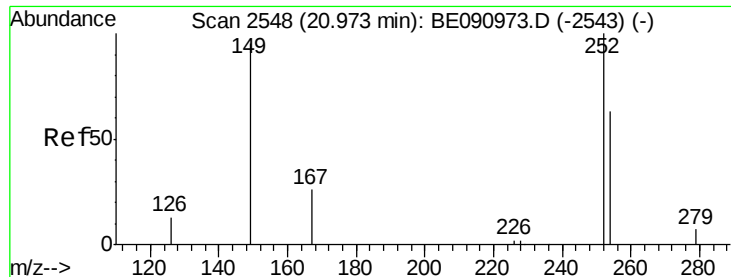


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

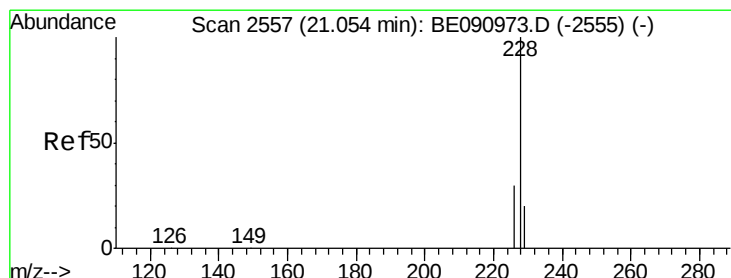
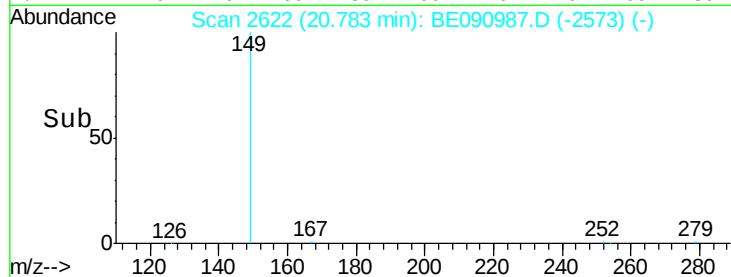
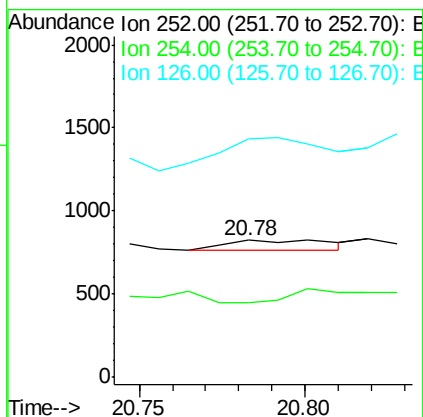
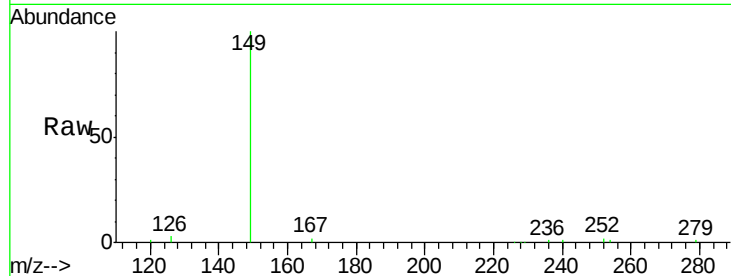




#31
 3,3'-Dichlorobenzidine
 Concen: 0.03 ng
 RT: 20.78 min Scan# 2622
 Delta R.T. -0.05 min
 Lab File: BE090987.D
 Acq: 7 Oct 2015 14:04

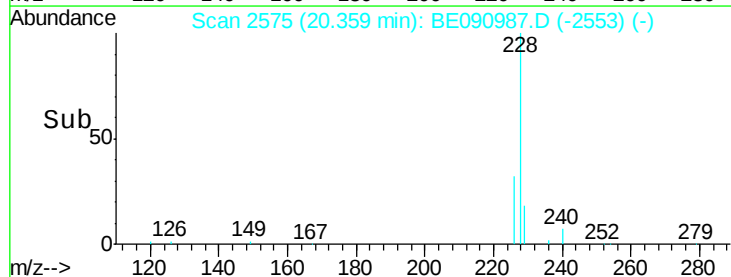
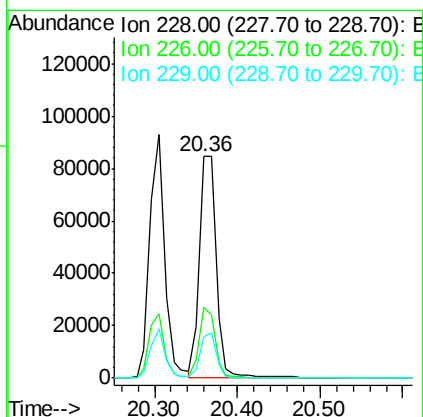
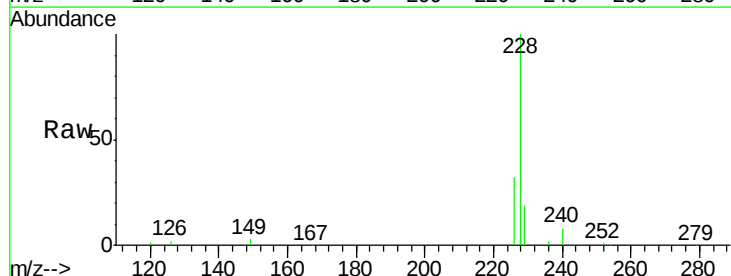
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

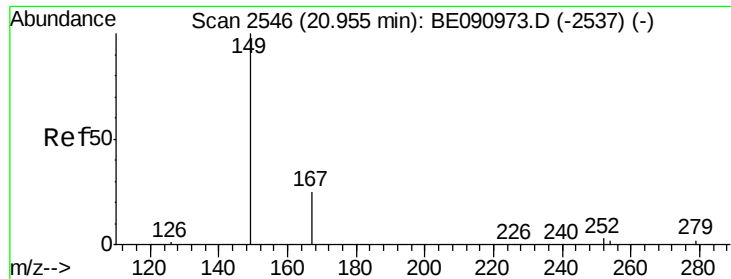
Tot Ion:252 Resp: 137
 Ion Ratio Lower Upper
 252 100
 254 54.9 51.1 76.7
 126 173.7 12.6 18.8#



#32
 Chrysene
 Concen: 0.92 ng
 RT: 20.36 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BE090987.D
 Acq: 7 Oct 2015 14:04

Tgt Ion:228 Resp: 118781
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.0 36.0
 229 18.5 15.9 23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 1.46 ng

RT: 20.02 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

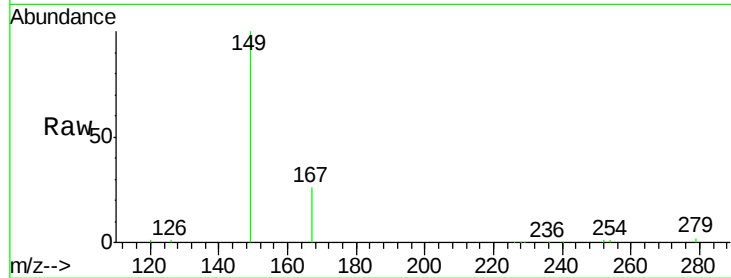
Tot Ion:149 Resp: 54105

Ion Ratio Lower Upper

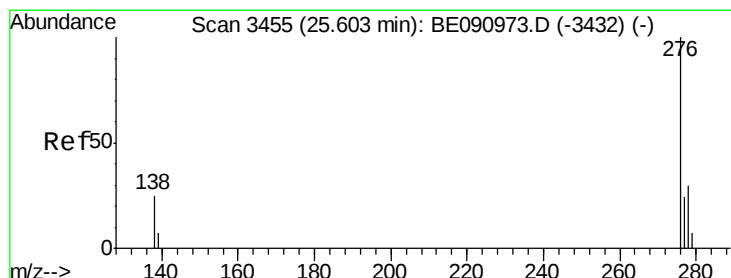
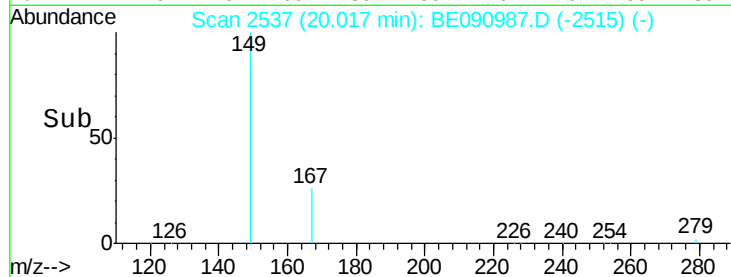
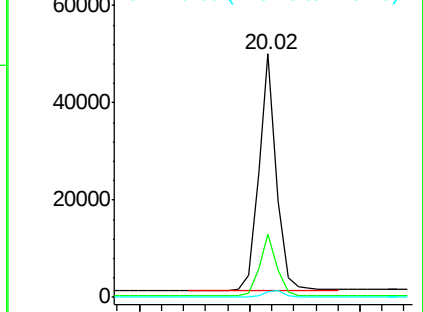
149 100

167 25.4 19.5 29.3

279 3.1 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



#34

Indeno(1,2,3-cd)pyrene

Concen: 1.22 ng

RT: 23.92 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

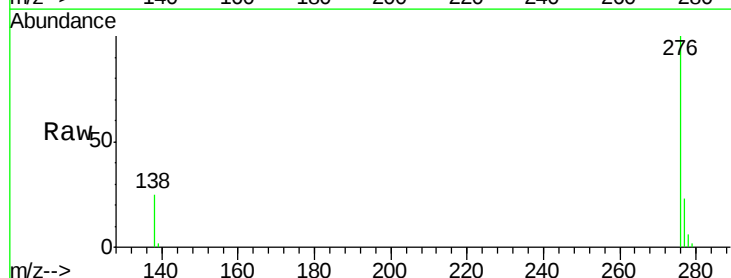
Tgt Ion:276 Resp: 137689

Ion Ratio Lower Upper

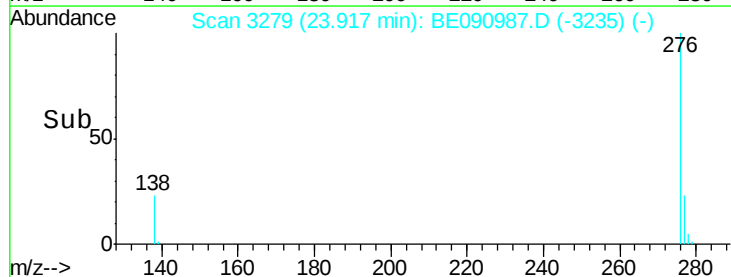
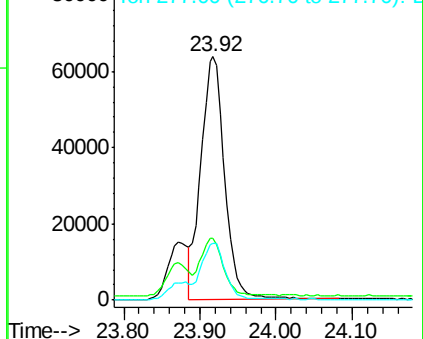
276 100

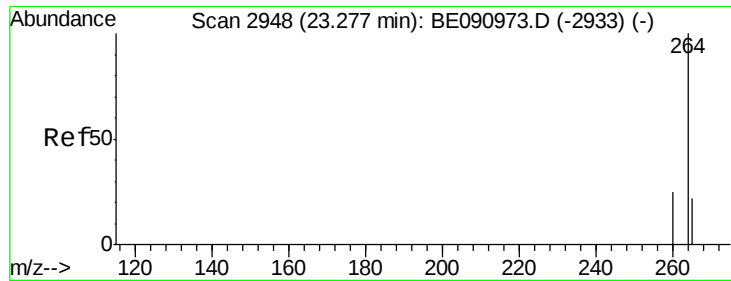
138 22.6 23.4 35.2#

277 22.8 19.8 29.8



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

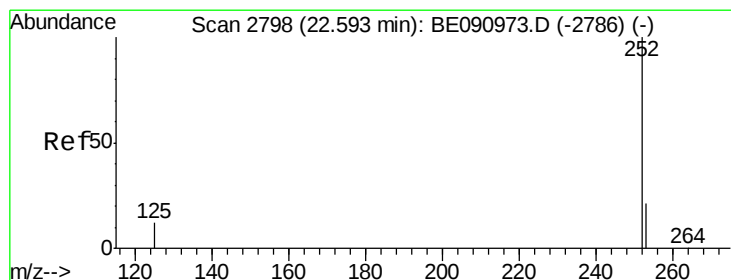
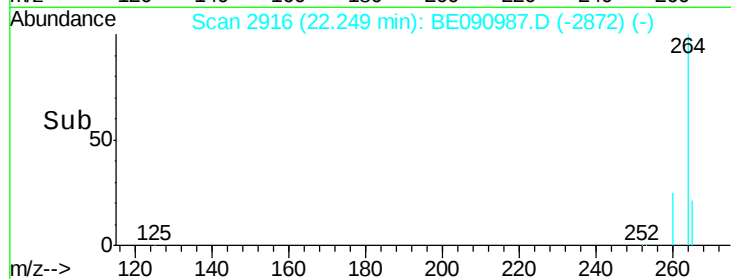
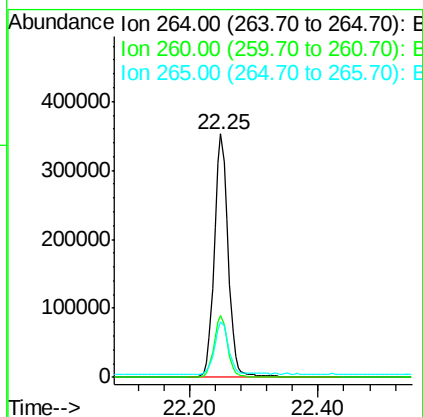
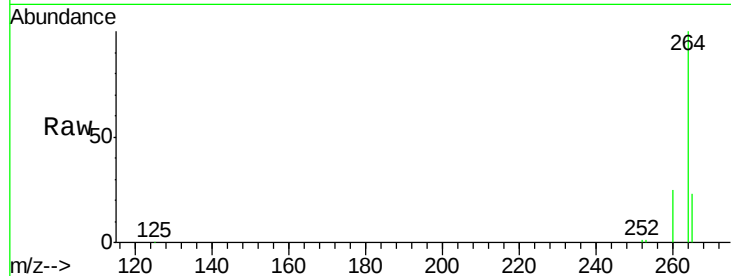




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 22.25 min Scan# 2916
 Delta R.T. 0.00 min
 Lab File: BE090987.D
 Acq: 7 Oct 2015 14:04

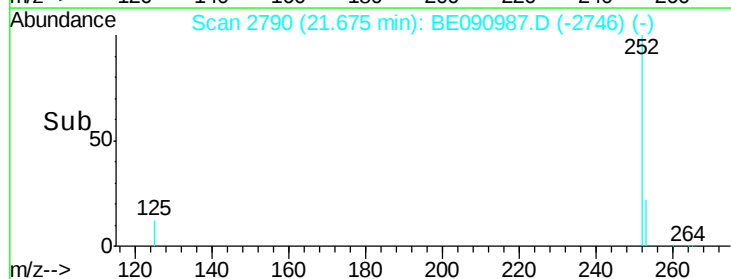
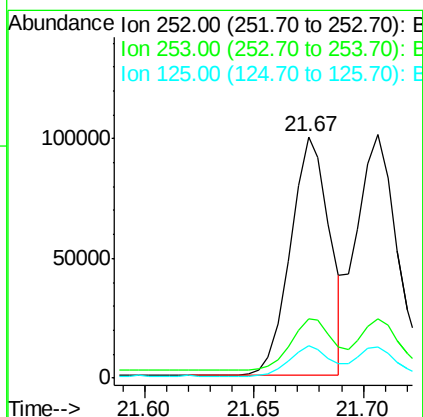
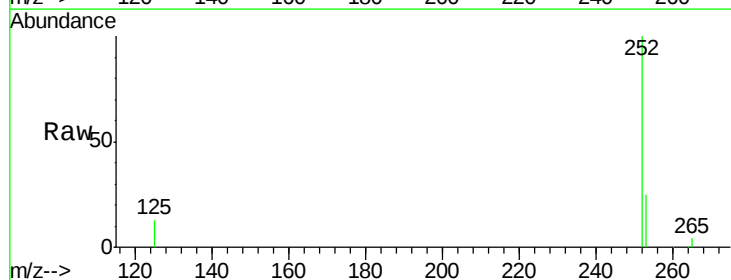
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

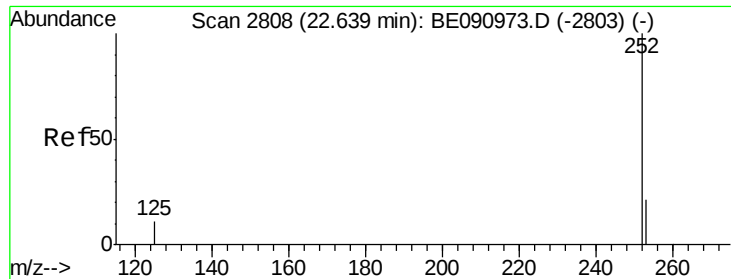
Tot Ion:264 Resp: 530662
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.0 30.0
 265 22.8 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 1.06 ng
 RT: 21.67 min Scan# 2790
 Delta R.T. 0.00 min
 Lab File: BE090987.D
 Acq: 7 Oct 2015 14:04

Tgt Ion:252 Resp: 123549
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.4 26.0
 125 13.2 10.2 15.2

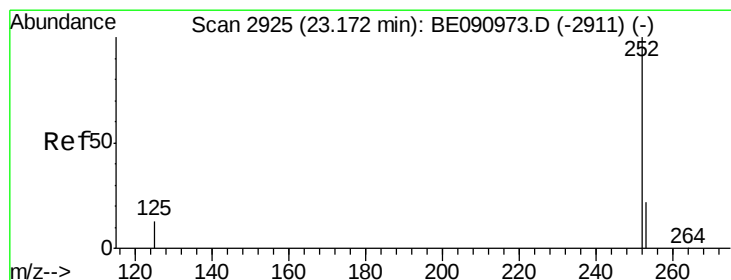
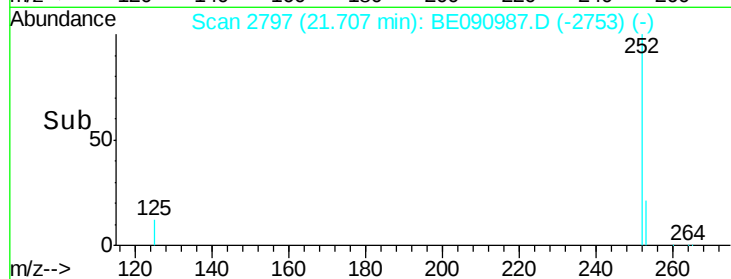
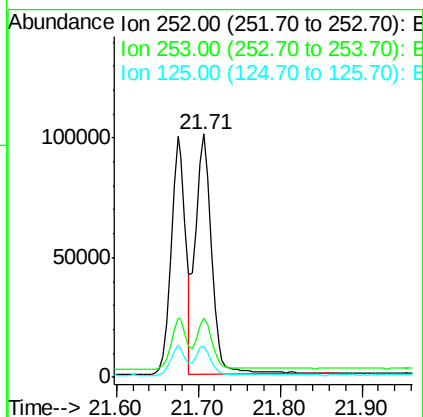
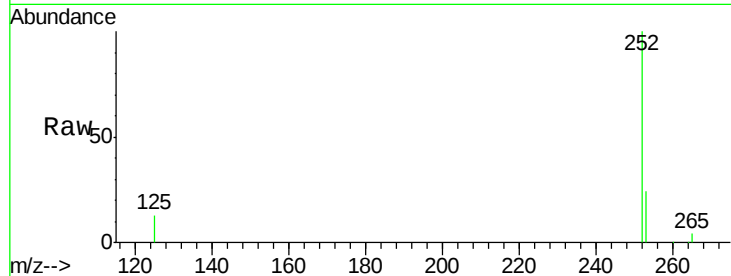




#37
Benzo(k)fluoranthene
Concen: 0.87 ng
RT: 21.71 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BE090987.D
Acq: 7 Oct 2015 14:04

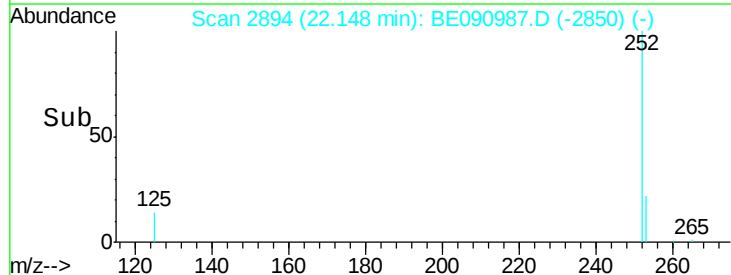
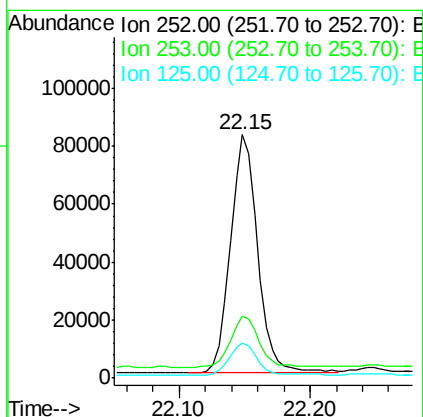
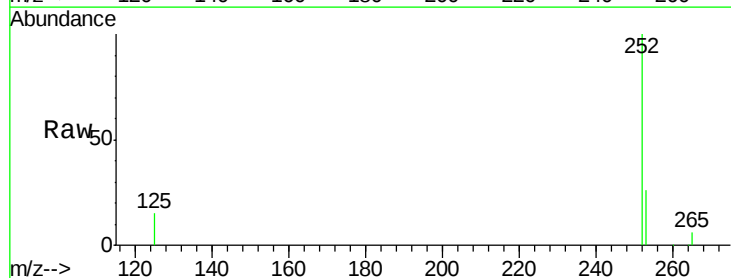
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

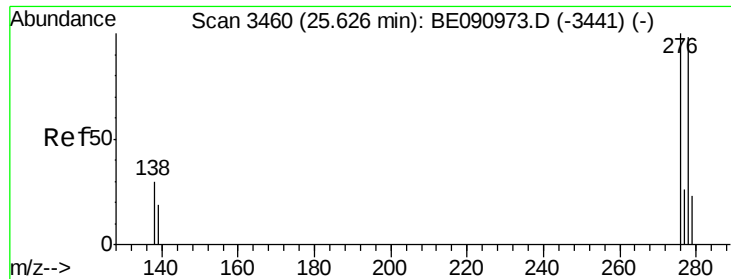
Tot Ion:252 Resp: 133761
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 13.0 9.9 14.9



#38
Benzo(a)pyrene
Concen: 1.10 ng
RT: 22.15 min Scan# 2894
Delta R.T. 0.00 min
Lab File: BE090987.D
Acq: 7 Oct 2015 14:04

Tgt Ion:252 Resp: 119043
Ion Ratio Lower Upper
252 100
253 25.6 18.1 27.1
125 14.6 11.0 16.4





#39

Dibenzo(a,h)anthracene

Concen: 1.27 ng

RT: 23.87 min Scan# 3269

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

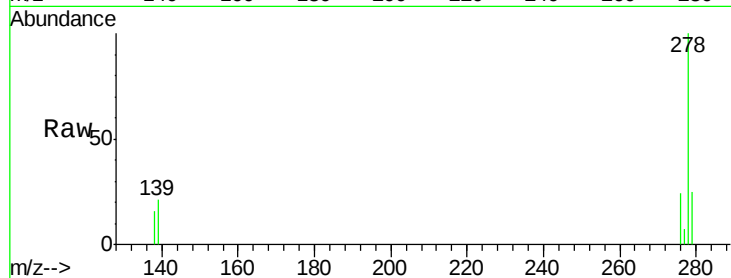
Tot Ion:278 Resp: 136041

Ion Ratio Lower Upper

278 100

139 20.6 16.0 24.0

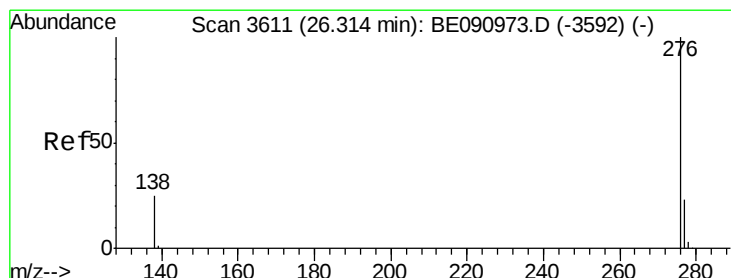
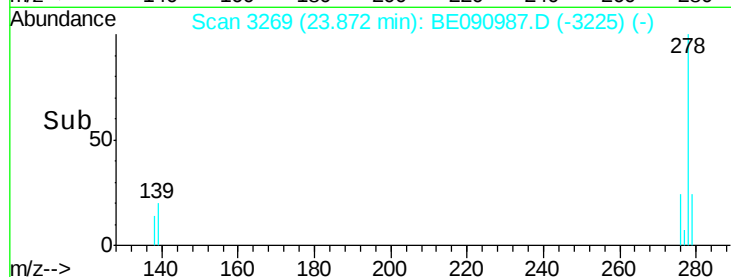
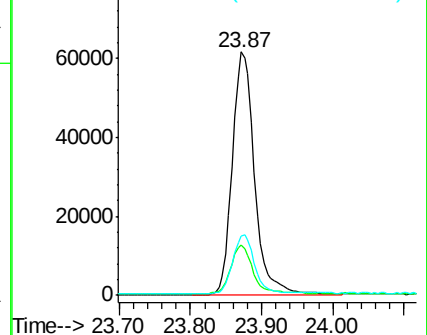
279 24.6 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 1.21 ng

RT: 24.49 min Scan# 3404

Delta R.T. 0.00 min

Lab File: BE090987.D

Acq: 7 Oct 2015 14:04

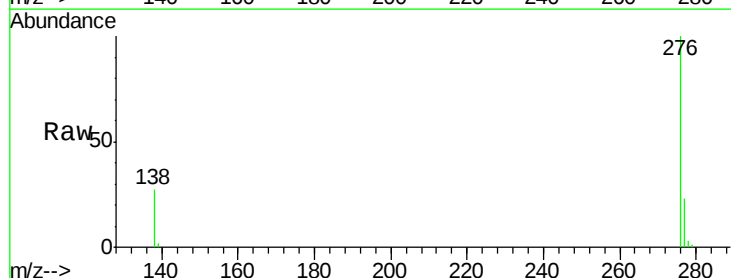
Tgt Ion:276 Resp: 140423

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 27.4 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

