

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092815\
 Data File : BE090971.D
 Acq On : 28 Sep 2015 17:43
 Operator : UM/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

Quant Time: Sep 29 05:37:17 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 05:34:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	33225	5.00	ng	0.00
7) Naphthalene-d8	10.26	136	147912	5.00	ng	0.00
13) Acenaphthene-d10	14.12	164	84404	5.00	ng	0.00
19) Phenanthrene-d10	16.86	188	201054	5.00	ng	0.00
26) Chrysene-d12	21.03	240	241765	5.00	ng	0.00
35) Perylene-d12	23.27	264	223792	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	2068	0.17	ng	0.00
5) Phenol-d6	6.76	99	3015	0.17	ng	0.04
8) Nitrobenzene-d5	8.69	82	2570	0.13	ng	0.04
14) 2,4,6-Tribromophenol	15.64	330	1055	0.21	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	9704	0.18	ng	0.02
29) Terphenyl-d14	19.51	244	13507	0.20	ng	0.00

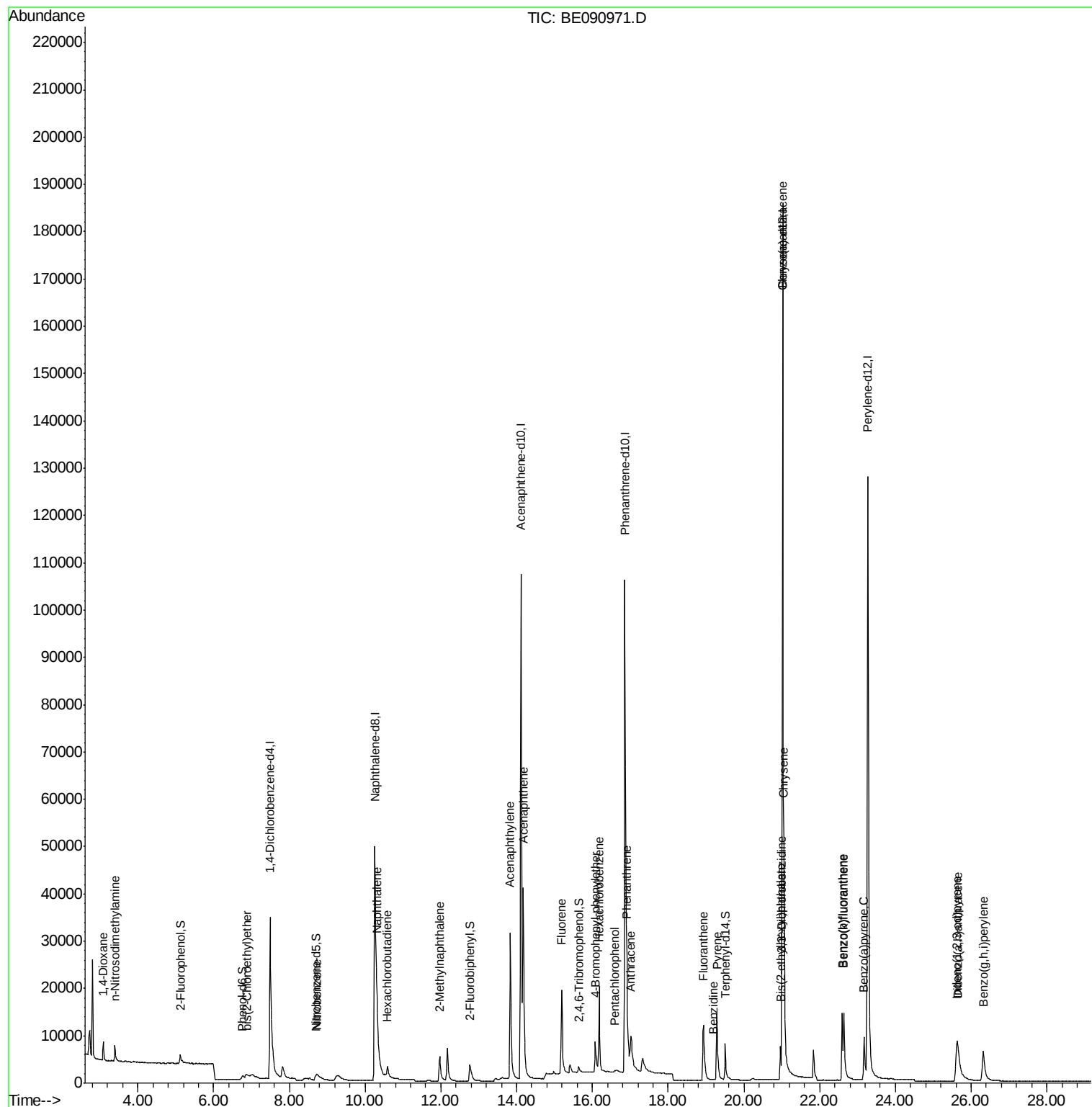
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	2722	0.22	ng	99
3) n-Nitrosodimethylamine	3.39	42	2606	0.20	ng	88
6) bis(2-Chloroethyl)ether	6.87	93	4268	0.22	ng	# 28
9) Nitrobenzene	8.74	77	2922	0.15	ng	# 58
10) Naphthalene	10.31	128	14456	0.19	ng	98
11) Hexachlorobutadiene	10.60	225	2524	0.19	ng	97
12) 2-Methylnaphthalene	11.97	142	8209	0.18	ng	100
16) Acenaphthylene	13.83	152	61739	0.19	ng	99
17) Acenaphthene	14.18	154	10175	0.19	ng	98
18) Fluorene	15.19	166	12023	0.18	ng	100
20) 4-Bromophenyl-phenylether	16.07	248	3220	0.18	ng	91
21) Hexachlorobenzene	16.18	284	17839	0.19	ng	97
22) Pentachlorophenol	16.60	266	682	0.14	ng	96
23) Phenanthrene	16.91	178	21721	0.19	ng	100
24) Anthracene	17.01	178	16552	0.17	ng	100
25) Fluoranthene	18.93	202	24739	0.20	ng	100
27) Benzidine	19.19	184	485	0.05	ng	# 78
28) Pyrene	19.29	202	25881	0.20	ng	99
30) Benzo(a)anthracene	21.01	228	22372	0.17	ng	98
31) 3,3'-Dichlorobenzidine	20.99	252	3674	0.21	ng	97
32) Chrysene	21.06	228	31959	0.21	ng	100
33) Bis(2-ethylhexyl)phthalate	20.96	149	7464	0.21	ng	99
34) Indeno(1,2,3-cd)pyrene	25.61	276	23144	0.18	ng	99
36) Benzo(b)fluoranthene	22.60	252	19364	0.17	ng	98
37) Benzo(k)fluoranthene	22.64	252	27380	0.20	ng	99
38) Benzo(a)pyrene	23.18	252	17839	0.18	ng	98
39) Dibenzo(a,h)anthracene	25.65	278	16296	0.17	ng	99
40) Benzo(g,h,i)perylene	26.32	276	20135	0.19	ng	98

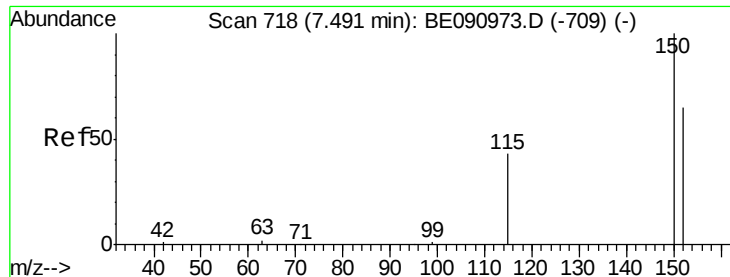
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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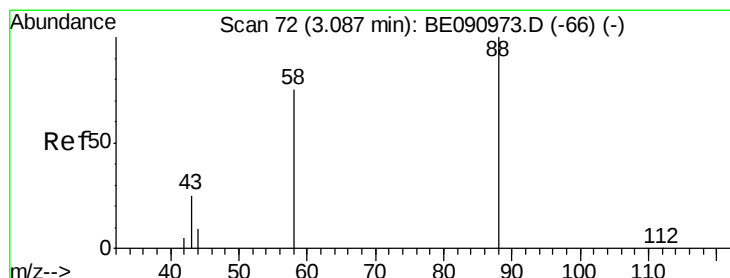
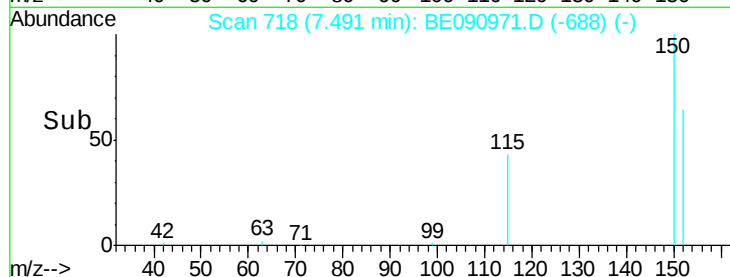
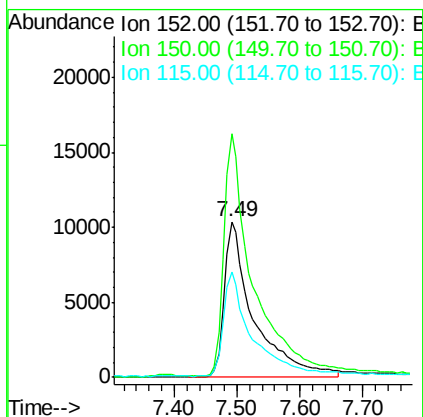
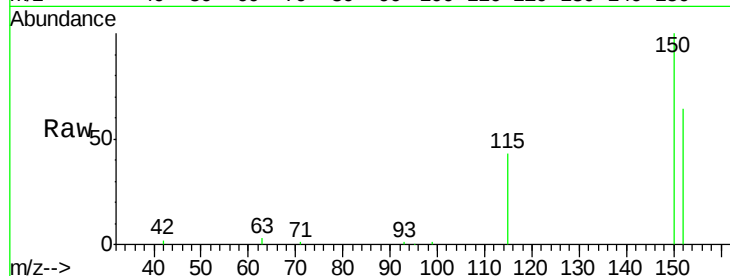


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.49 min Scan# 718
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.5

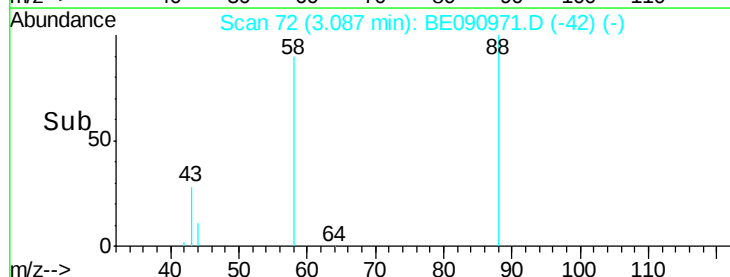
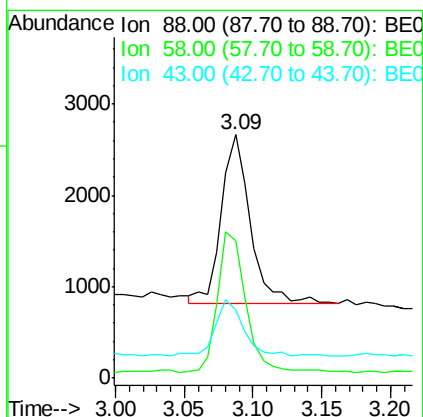
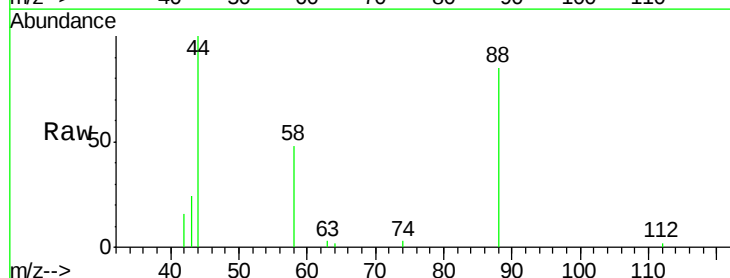
Tot Ion:152 Resp: 33225
Ion Ratio Lower Upper
152 100
150 156.2 122.6 183.8
115 67.9 52.8 79.2

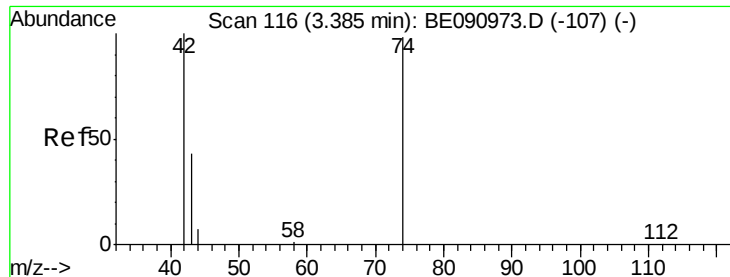


#2

1,4-Dioxane
Concen: 0.22 ng
RT: 3.09 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion: 88 Resp: 2722
Ion Ratio Lower Upper
88 100
58 81.4 65.8 98.6
43 32.8 25.3 37.9



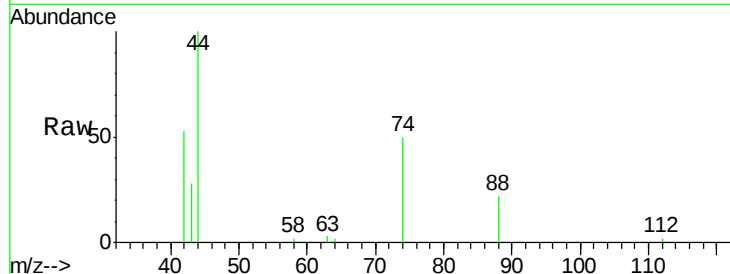


#3

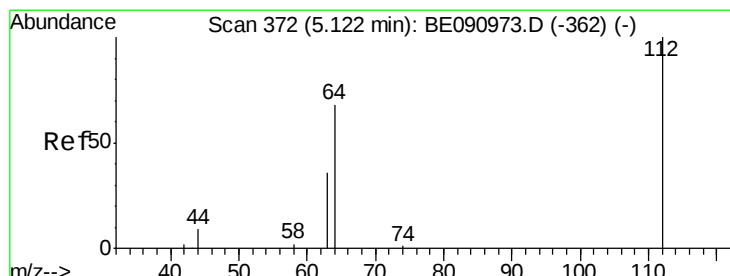
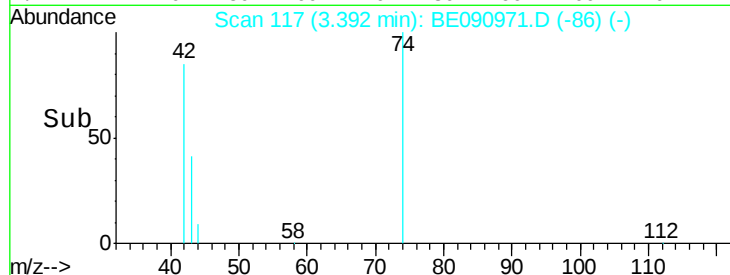
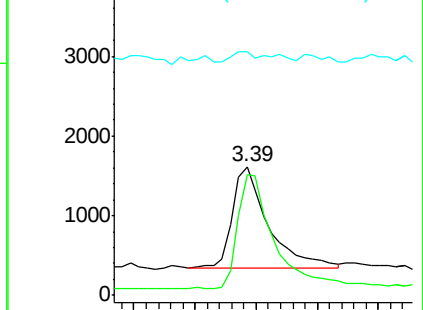
n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.39 min Scan# 117
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.5

Tot Ion: 42 Resp: 2606
Ion Ratio Lower Upper
42 100
74 123.6 87.9 131.9
44 7.7 6.6 9.8



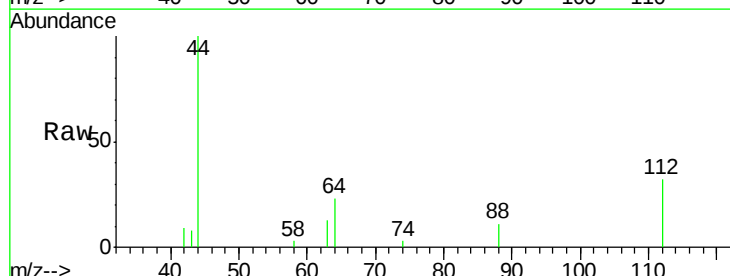
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



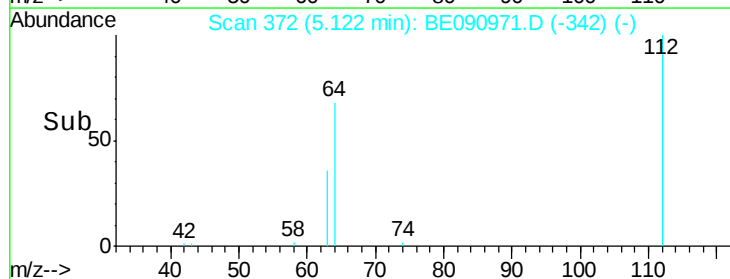
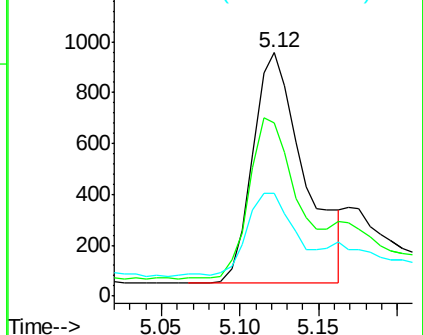
#4

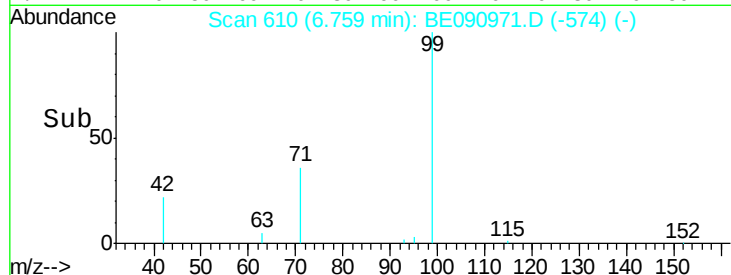
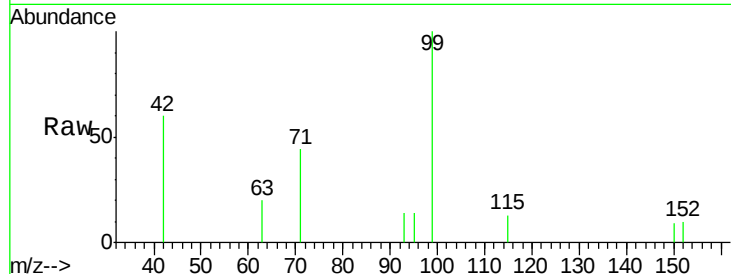
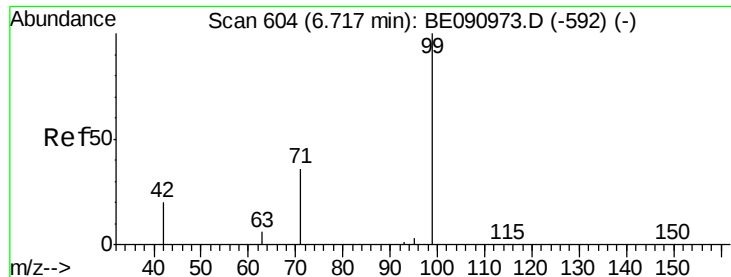
2-Fluorophenol
Concen: 0.17 ng
RT: 5.12 min Scan# 372
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion: 112 Resp: 2068
Ion Ratio Lower Upper
112 100
64 67.1 30.9 46.3#
63 35.2 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: 0.17 ng

RT: 6.76 min Scan# 610

Delta R.T. 0.04 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

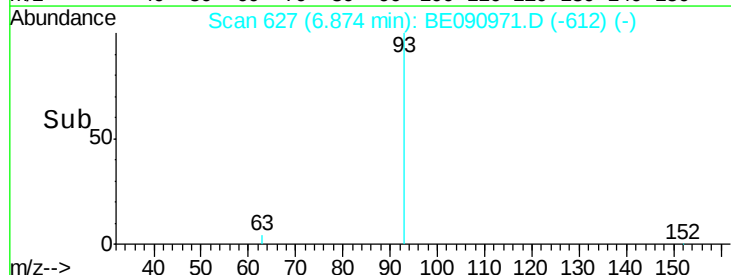
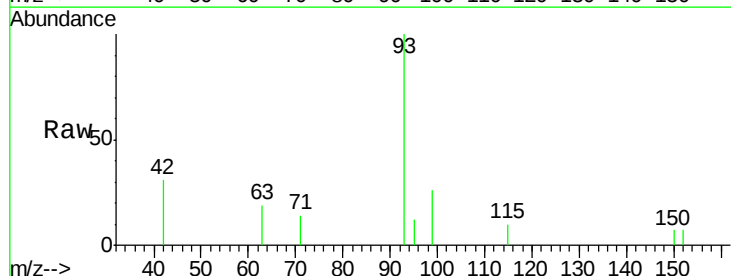
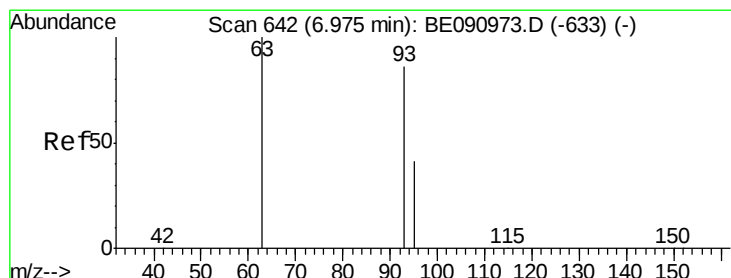
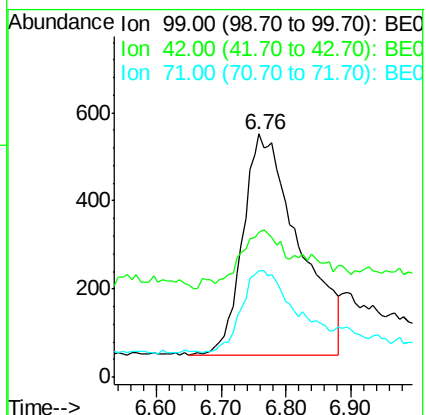
Tot Ion: 99 Resp: 3015

Ion Ratio Lower Upper

99 100

42 16.5 16.2 24.2

71 36.8 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 0.22 ng

RT: 6.87 min Scan# 627

Delta R.T. -0.10 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

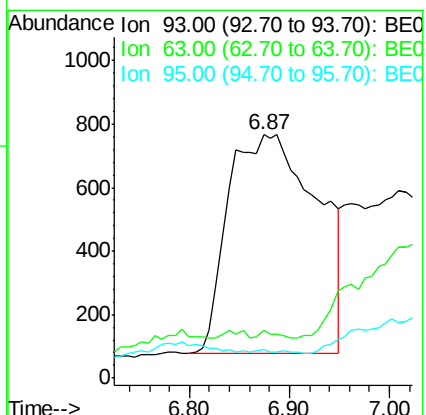
Tgt Ion: 93 Resp: 4268

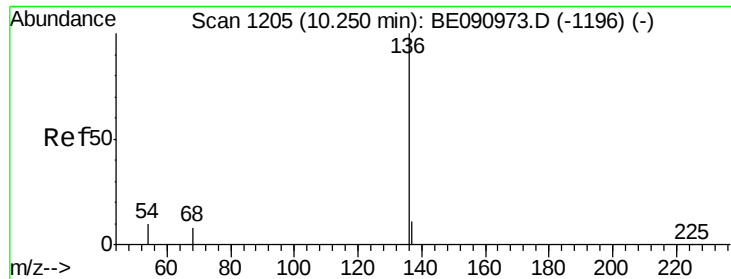
Ion Ratio Lower Upper

93 100

63 0.0 49.5 74.3#

95 0.0 22.2 33.4#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.26 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

Tot Ion:136 Resp: 147912

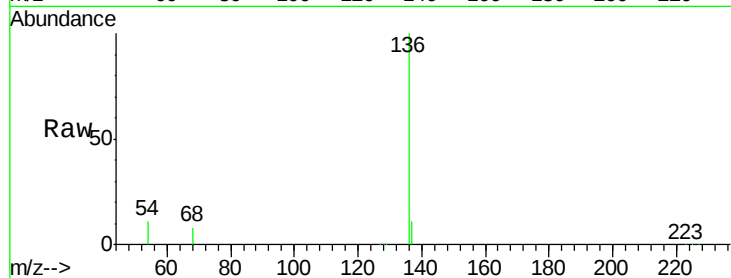
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 11.2 8.2 12.4

68 8.2 6.2 9.4

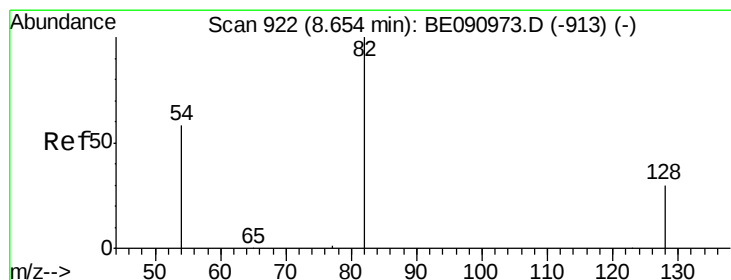
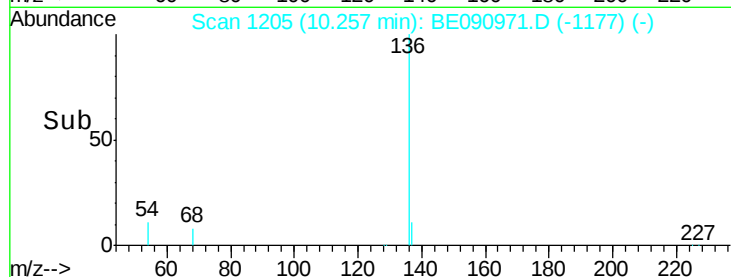
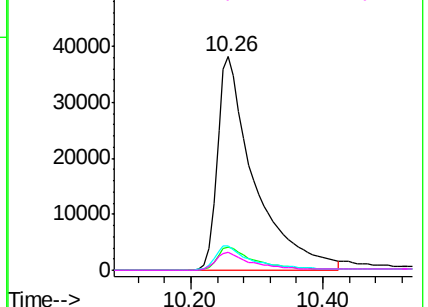


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.13 ng

RT: 8.69 min Scan# 930

Delta R.T. 0.04 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

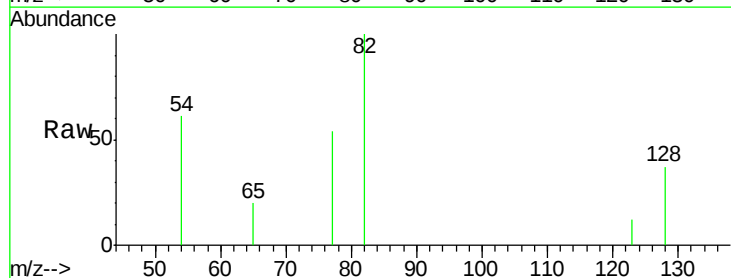
Tgt Ion: 82 Resp: 2570

Ion Ratio Lower Upper

82 100

128 37.2 25.4 38.0

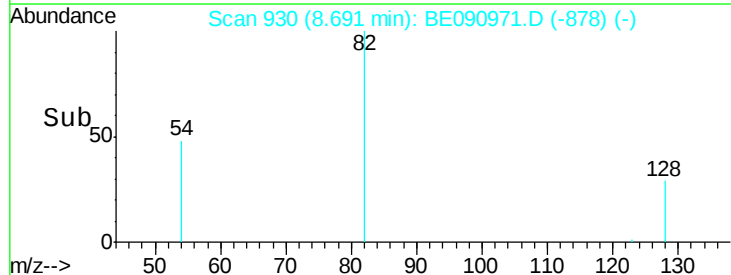
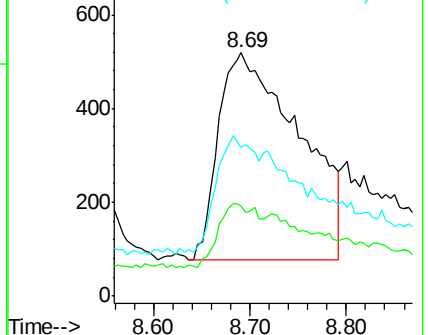
54 61.3 48.4 72.6

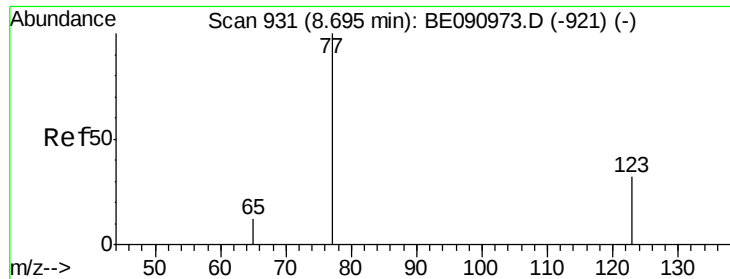


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.15 ng

RT: 8.74 min Scan# 940

Delta R.T. 0.04 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

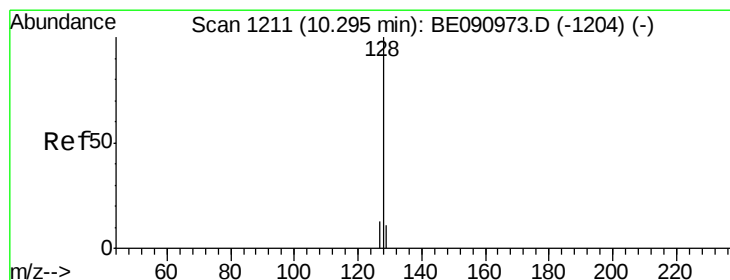
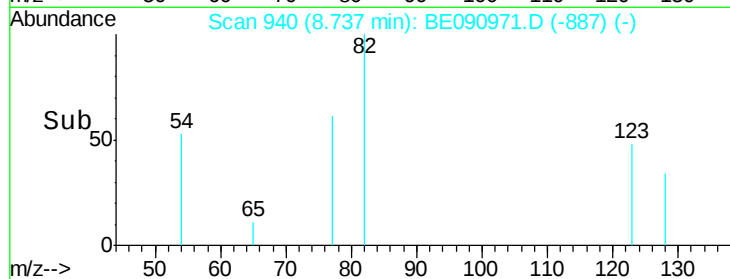
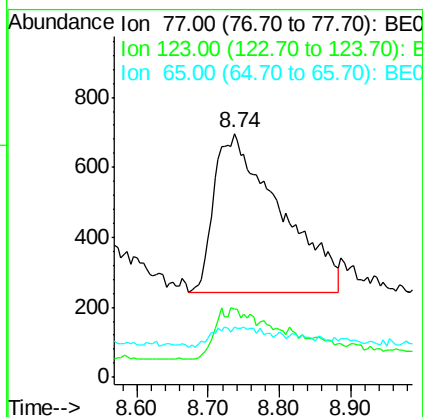
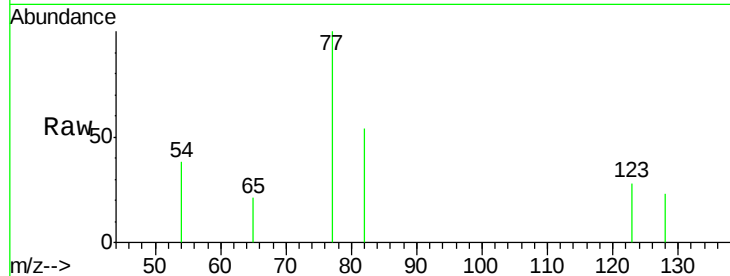
Tot Ion: 77 Resp: 2922

Ion Ratio Lower Upper

77 100

123 5.5 26.9 40.3#

65 3.8 9.4 14.2#



#10

Naphthalene

Concen: 0.19 ng

RT: 10.31 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

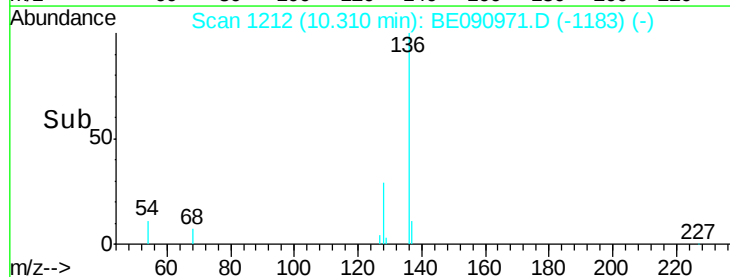
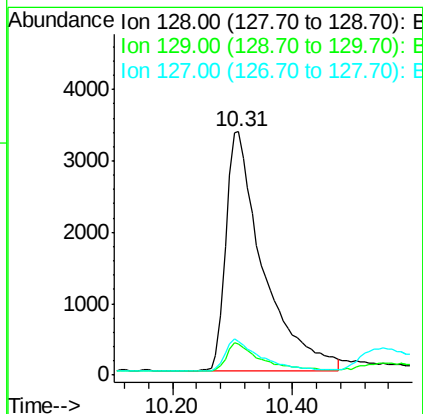
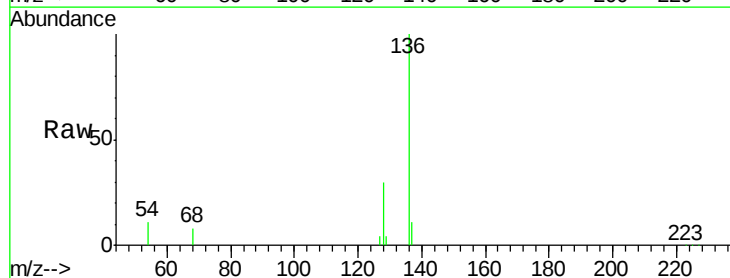
Tgt Ion: 128 Resp: 14456

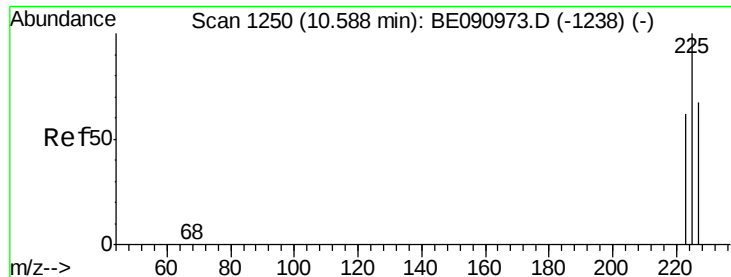
Ion Ratio Lower Upper

128 100

129 12.9 9.3 13.9

127 13.7 10.7 16.1

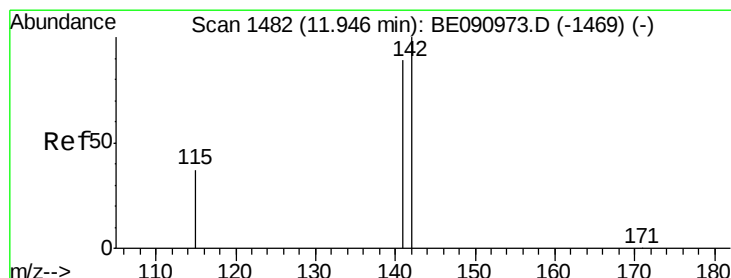
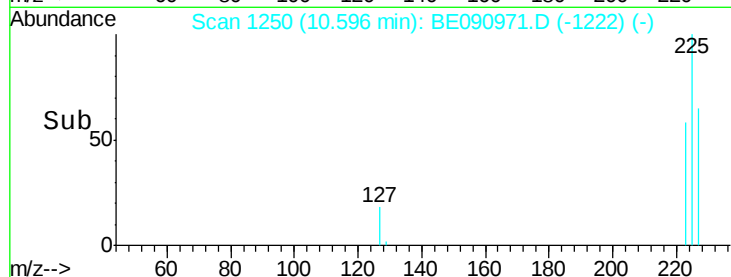
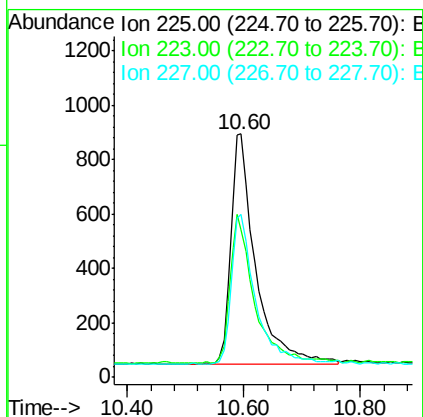
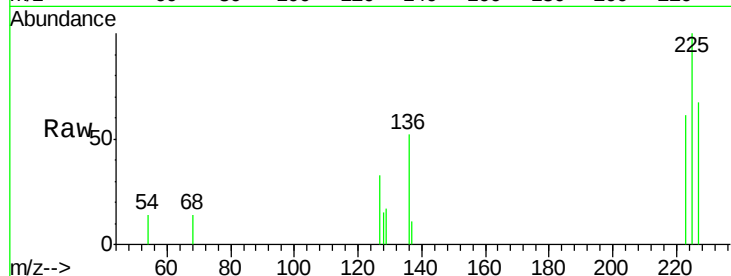




#11
Hexachlorobutadiene
Concen: 0.19 ng
RT: 10.60 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

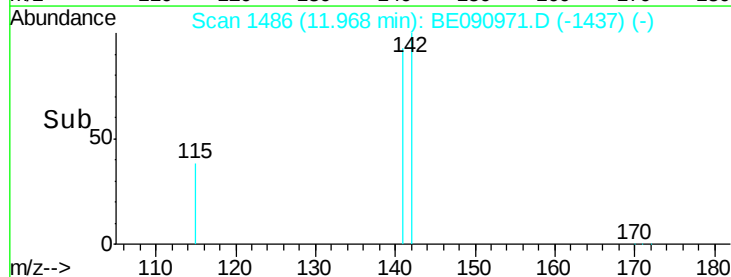
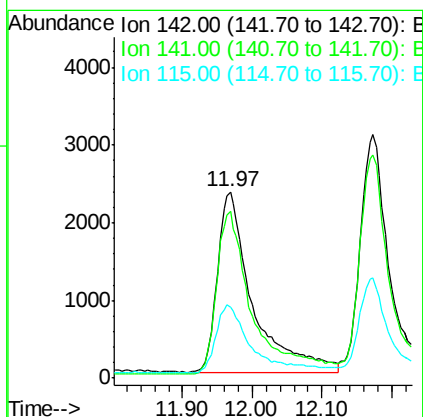
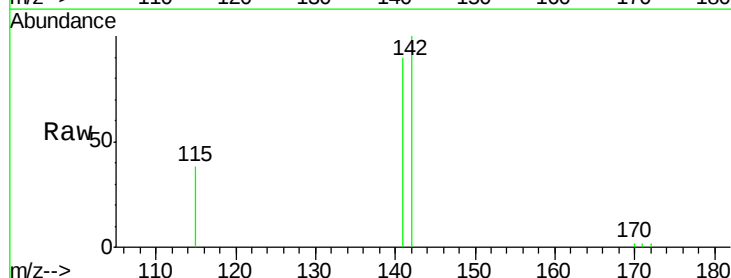
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.5

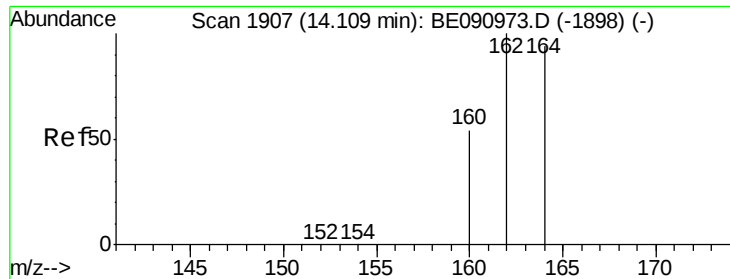
Tot Ion:225 Resp: 2524
Ion Ratio Lower Upper
225 100
223 63.7 49.0 73.6
227 64.9 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.18 ng
RT: 11.97 min Scan# 1486
Delta R.T. 0.02 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:142 Resp: 8209
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0
115 38.2 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.12 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

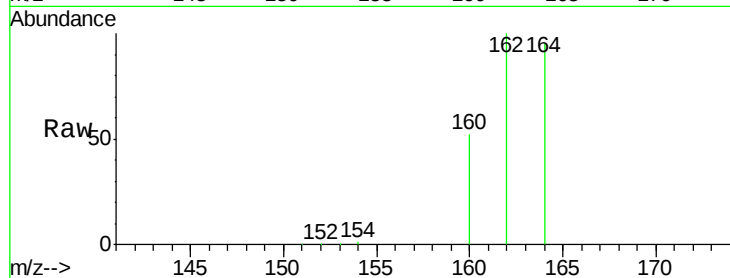
Tot Ion:164 Resp: 84404

Ion Ratio Lower Upper

164 100

162 105.8 85.3 127.9

160 55.5 46.2 69.2

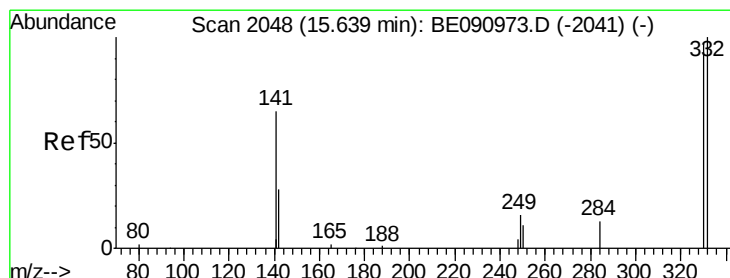
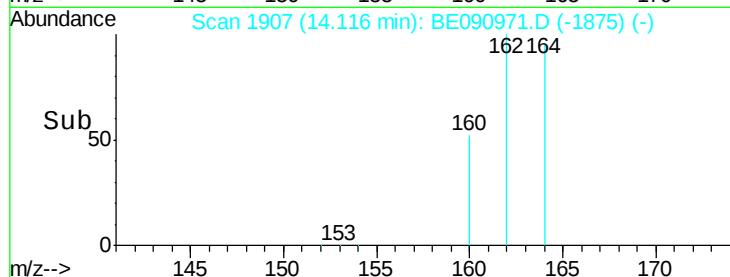
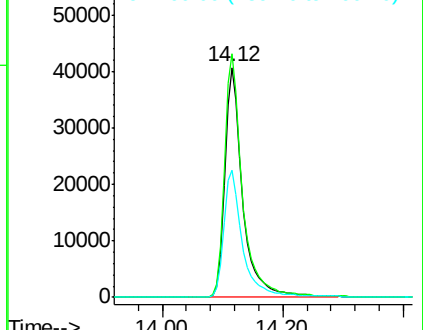


Abundance

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: 0.21 ng

RT: 15.64 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

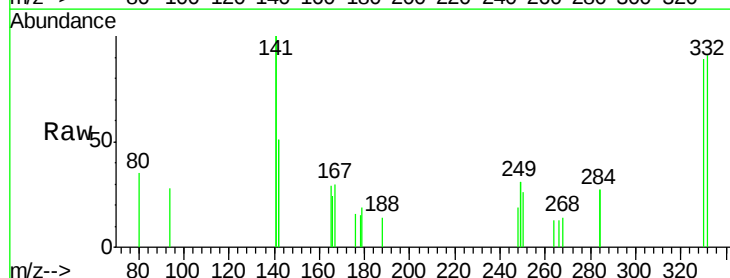
Tgt Ion:330 Resp: 1055

Ion Ratio Lower Upper

330 100

332 96.8 79.1 118.7

141 145.0 125.4 188.0

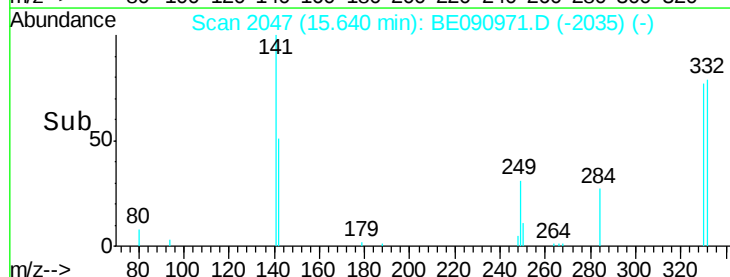
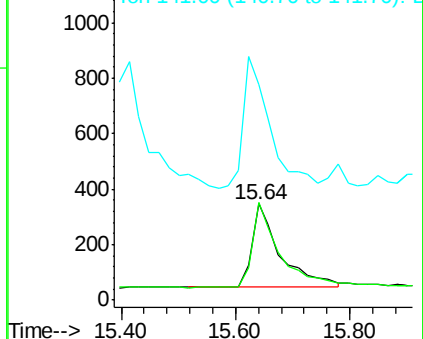


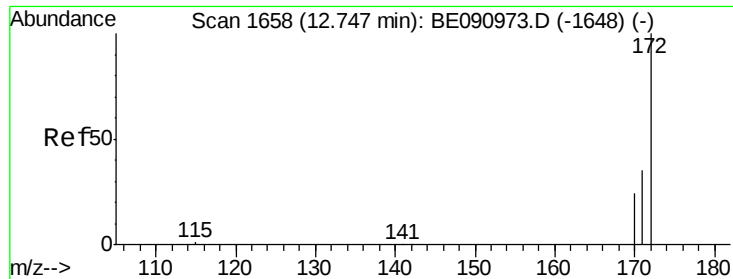
Abundance

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

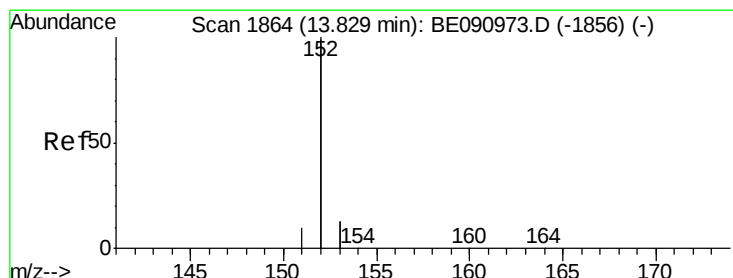
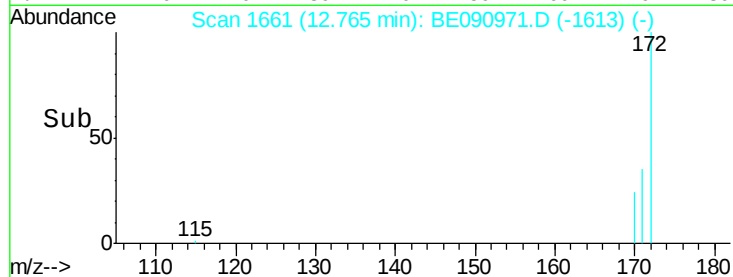
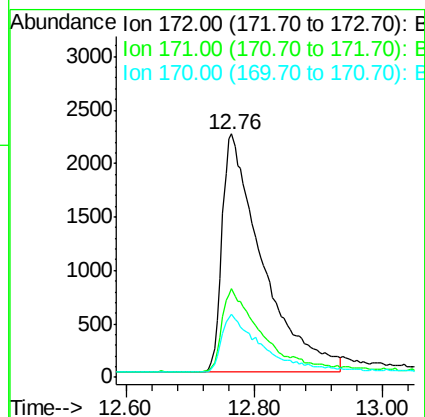
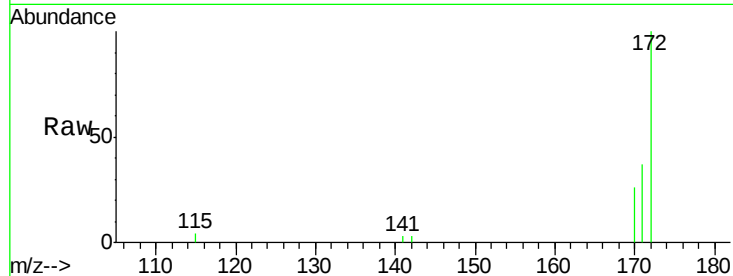




#15
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 12.76 min Scan# 1661
Delta R.T. 0.02 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

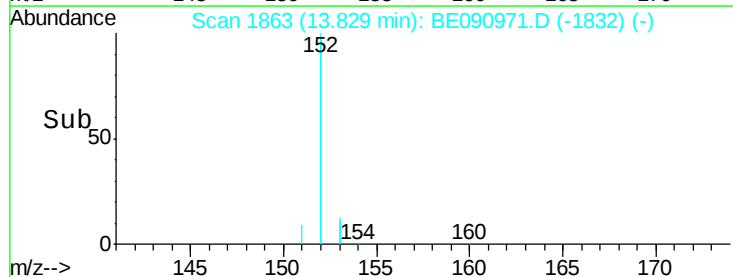
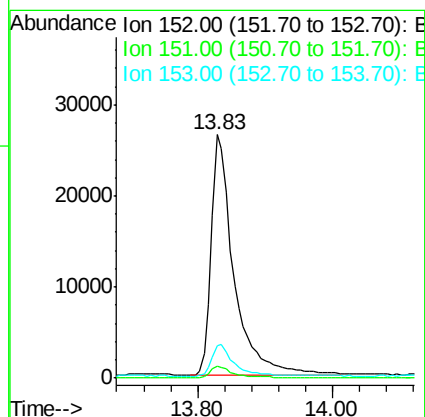
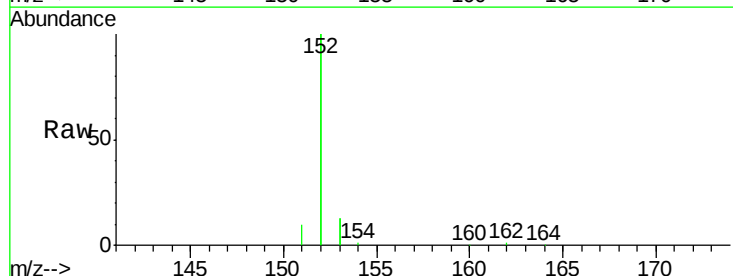
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.5

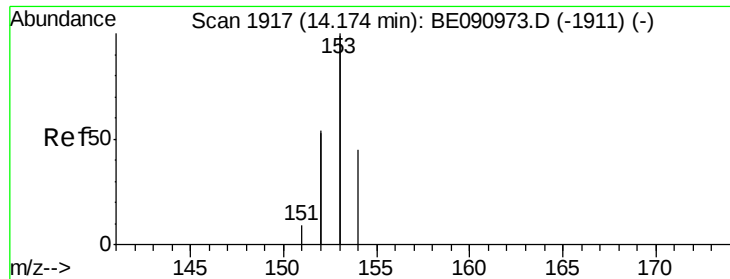
Tot Ion:172 Resp: 9704
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 25.7 19.3 28.9



#16
Acenaphthylene
Concen: 0.19 ng
RT: 13.83 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:152 Resp: 61739
Ion Ratio Lower Upper
152 100
151 4.8 3.9 5.9
153 12.6 10.3 15.5





#17

Acenaphthene

Concen: 0.19 ng

RT: 14.18 min Scan# 1917

Delta R.T. 0.01 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

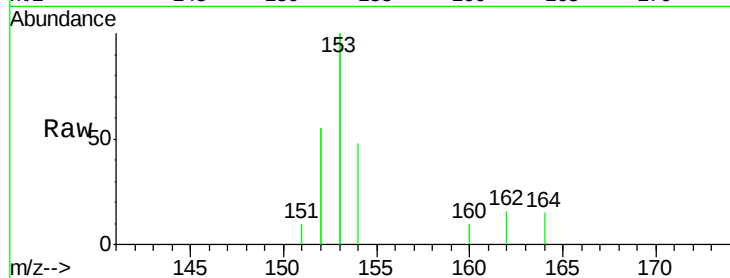
Tot Ion:154 Resp: 10175

Ion Ratio Lower Upper

154 100

153 442.0 352.0 528.0

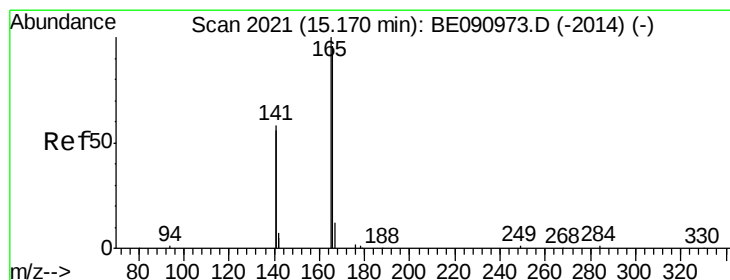
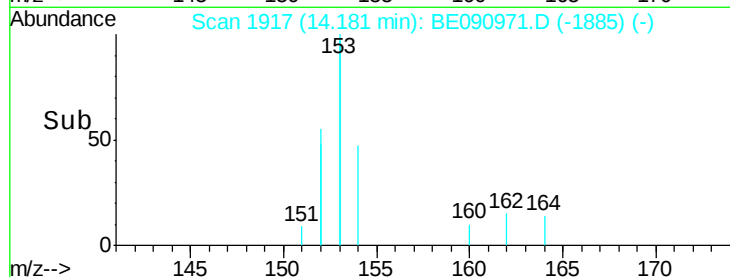
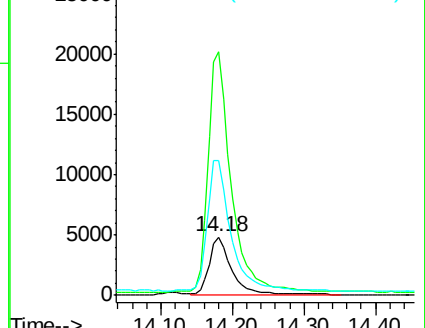
152 245.2 200.0 300.0



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: 0.18 ng

RT: 15.19 min Scan# 2021

Delta R.T. 0.02 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

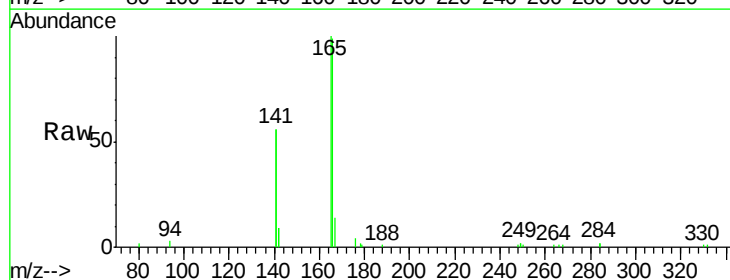
Tgt Ion:166 Resp: 12023

Ion Ratio Lower Upper

166 100

165 100.5 80.8 121.2

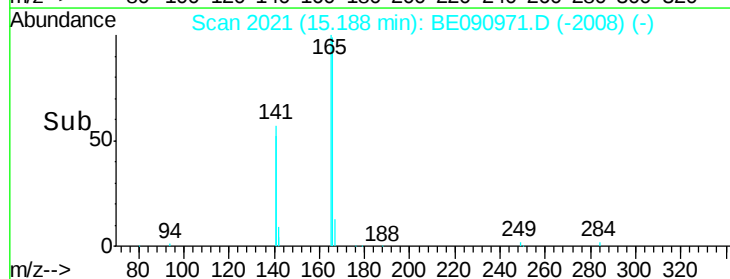
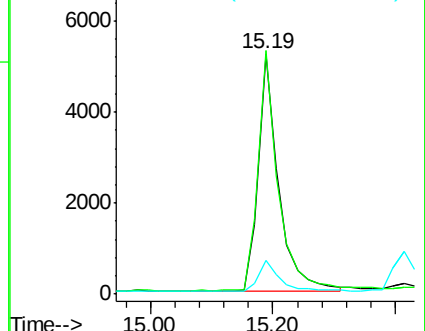
167 13.6 10.9 16.3

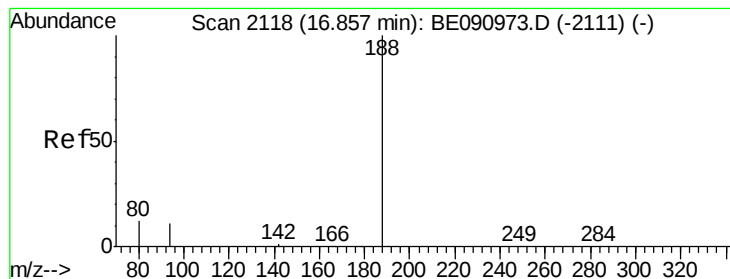


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.86 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

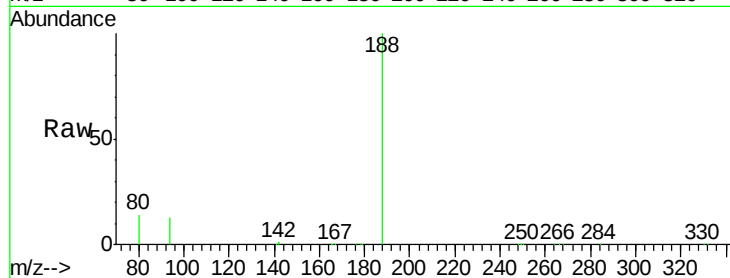
Tot Ion:188 Resp: 201054

Ion Ratio Lower Upper

188 100

94 13.2 8.7 13.1#

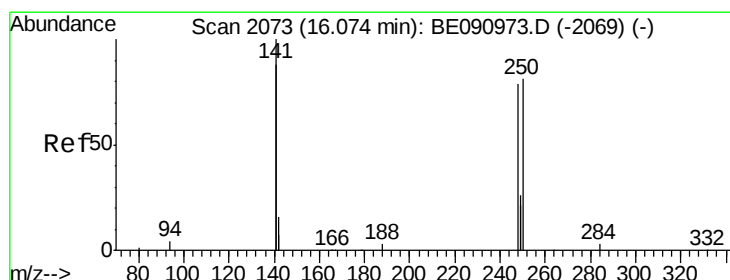
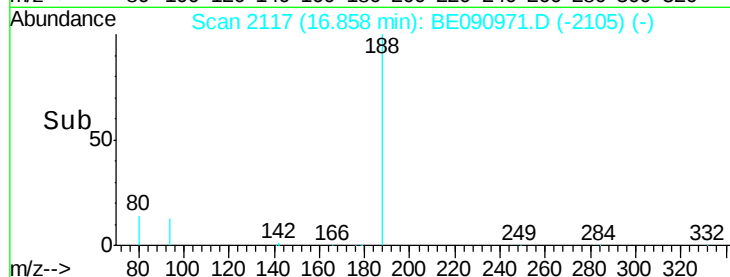
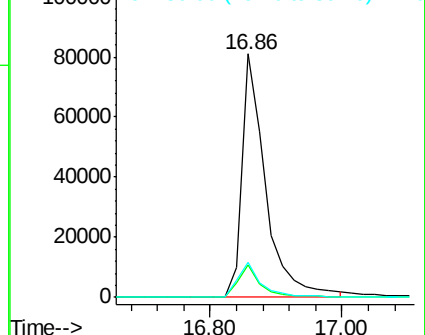
80 14.2 9.4 14.0#



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: 0.18 ng

RT: 16.07 min Scan# 2072

Delta R.T. 0.00 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

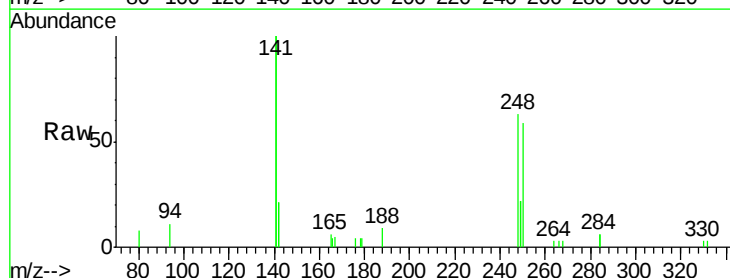
Tgt Ion:248 Resp: 3220

Ion Ratio Lower Upper

248 100

250 99.0 80.5 120.7

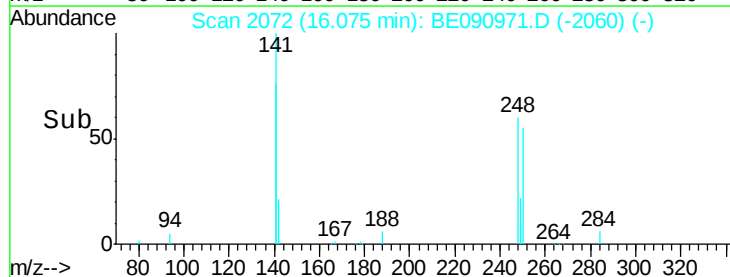
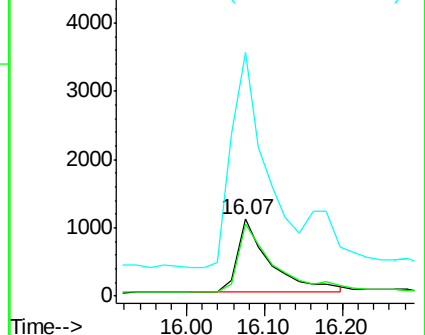
141 304.6 261.9 392.9

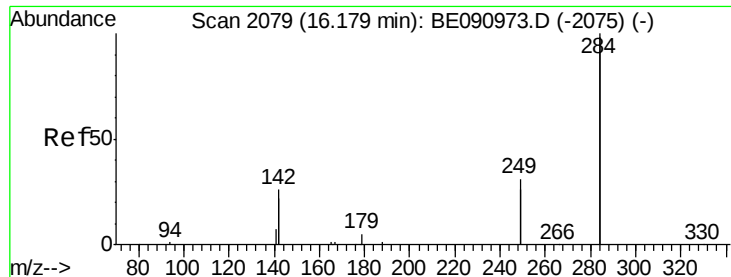


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.19 ng

RT: 16.18 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.5

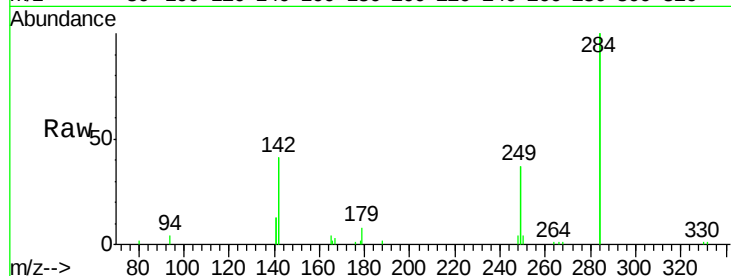
Tot Ion:284 Resp: 17839

Ion Ratio Lower Upper

284 100

142 43.4 32.2 48.2

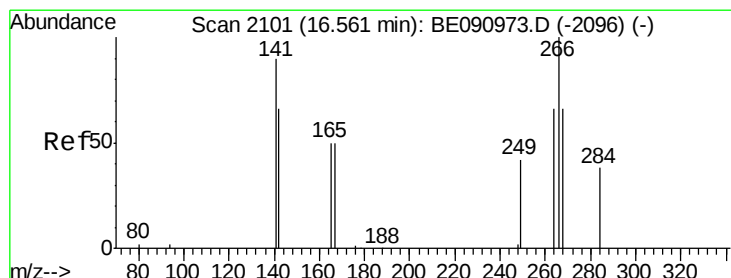
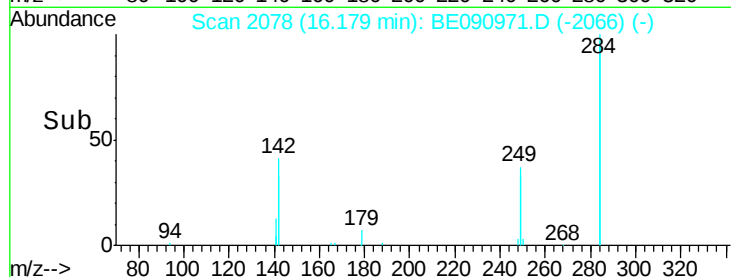
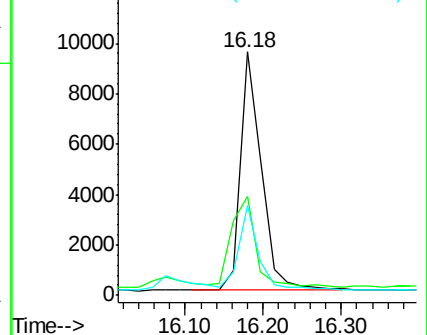
249 32.5 25.4 38.2



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: 0.14 ng

RT: 16.60 min Scan# 2102

Delta R.T. 0.04 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

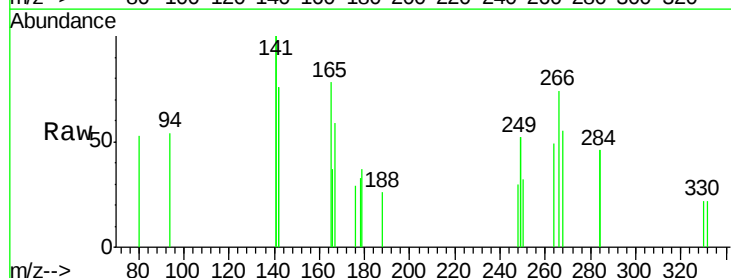
Tgt Ion:266 Resp: 682

Ion Ratio Lower Upper

266 100

268 74.4 58.2 87.2

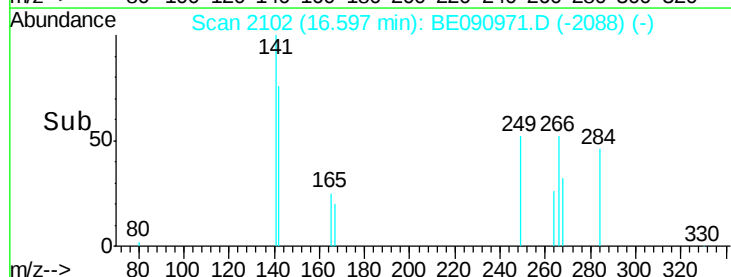
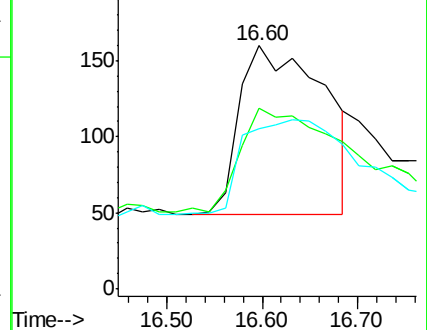
264 65.6 56.2 84.4

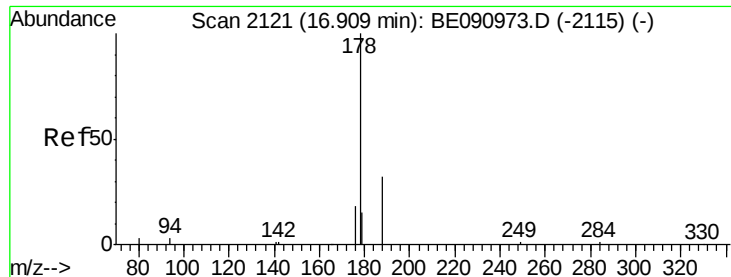


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.19 ng

RT: 16.91 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

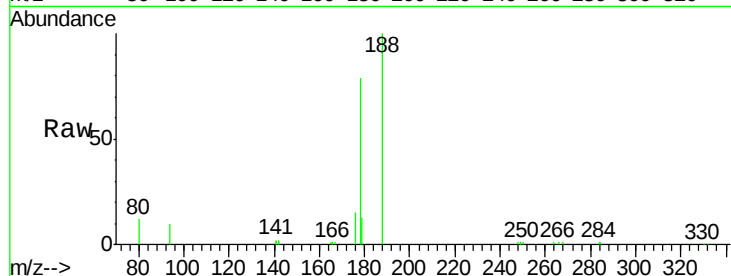
Tot Ion:178 Resp: 21721

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

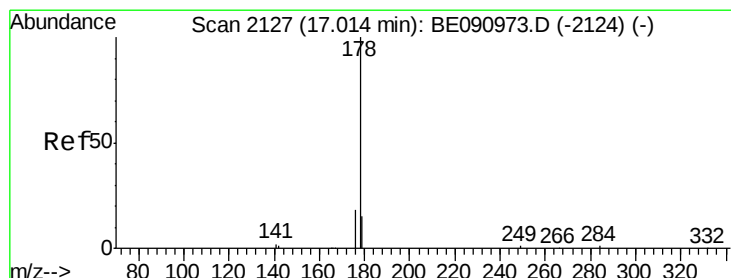
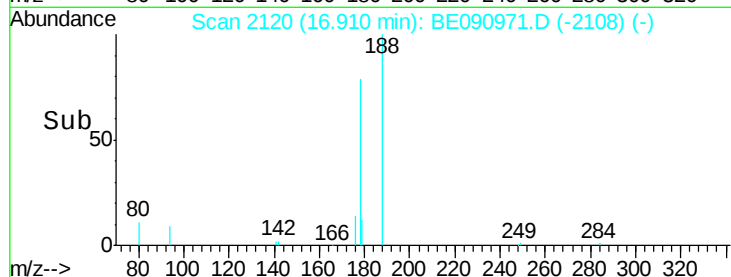
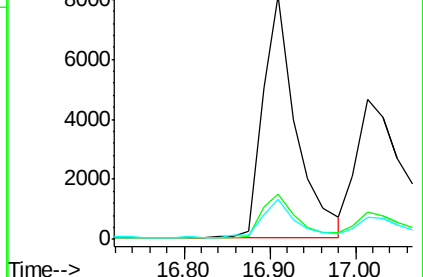
179 15.9 12.6 18.8



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: 0.17 ng

RT: 17.01 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

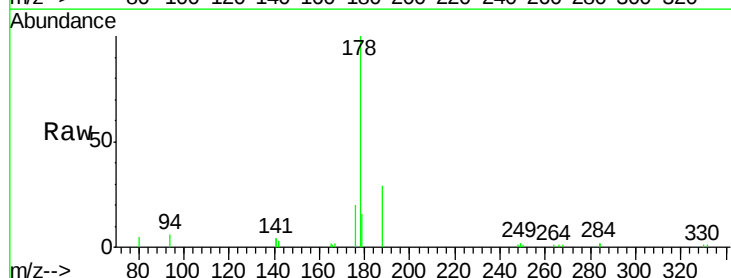
Tgt Ion:178 Resp: 16552

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

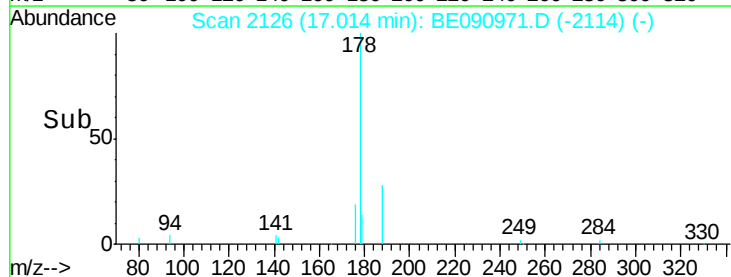
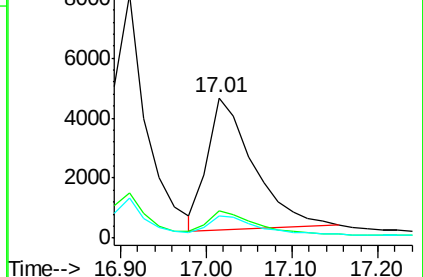
179 14.5 11.8 17.6

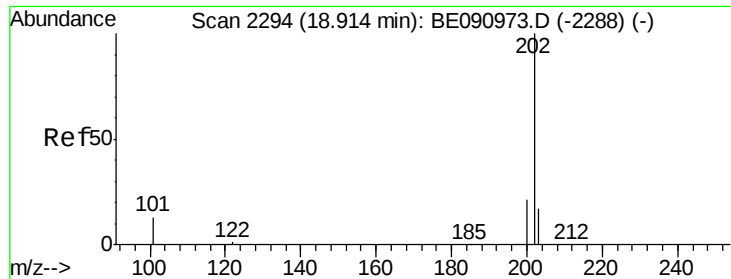


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.20 ng

RT: 18.93 min Scan# 2295

Delta R.T. 0.02 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

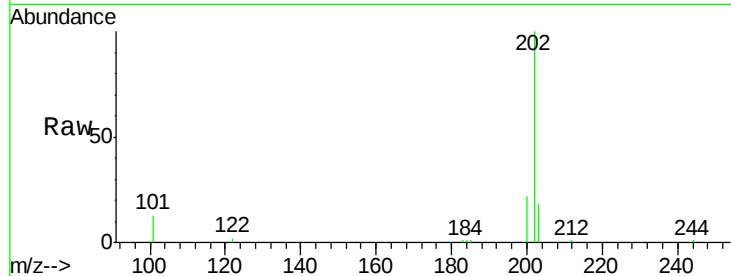
Tot Ion:202 Resp: 24739

Ion Ratio Lower Upper

202 100

101 14.0 11.0 16.6

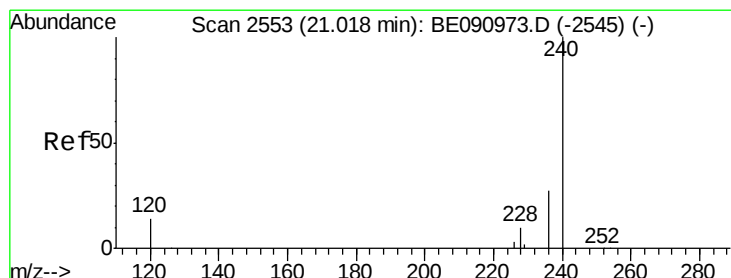
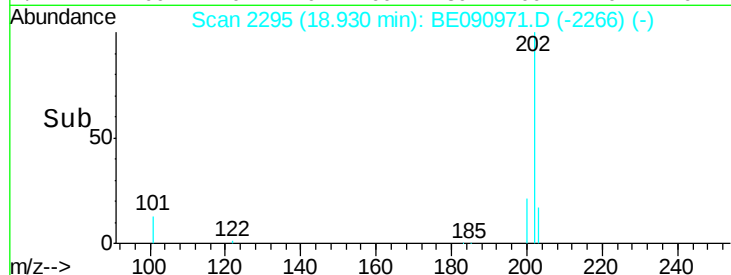
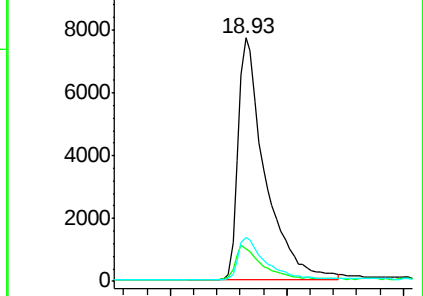
203 17.3 13.9 20.9



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: 21.03 min Scan# 2552

Delta R.T. 0.01 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

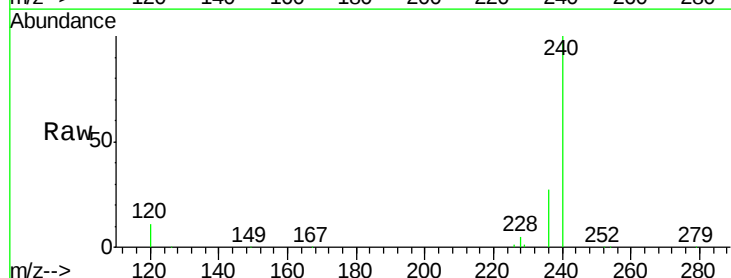
Tgt Ion:240 Resp: 241765

Ion Ratio Lower Upper

240 100

120 11.4 11.0 16.4

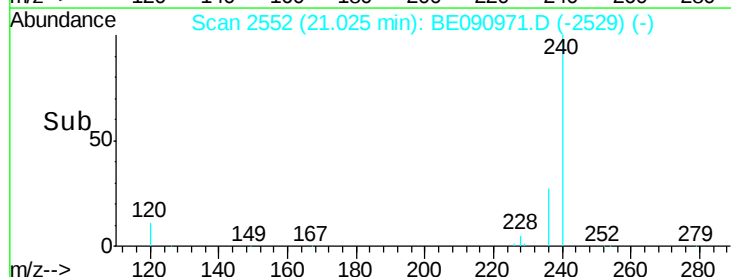
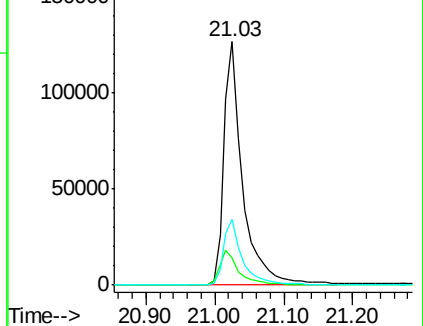
236 26.7 21.7 32.5

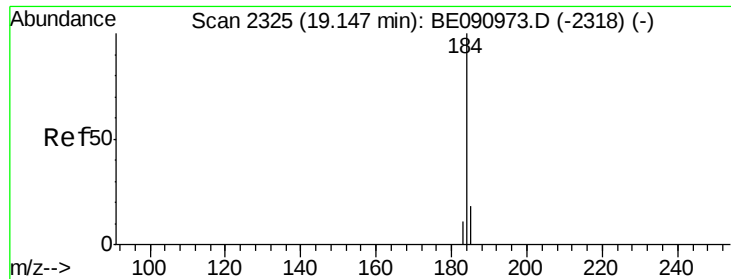


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

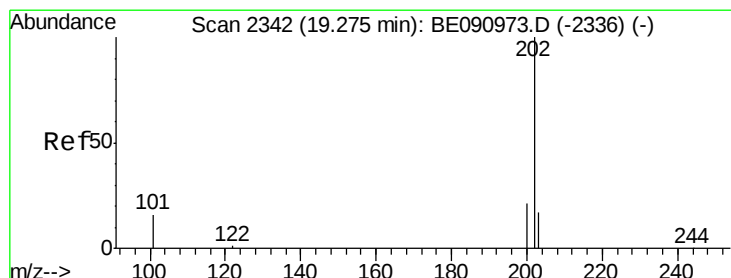
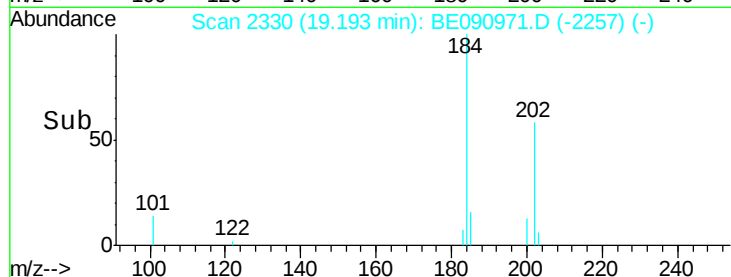
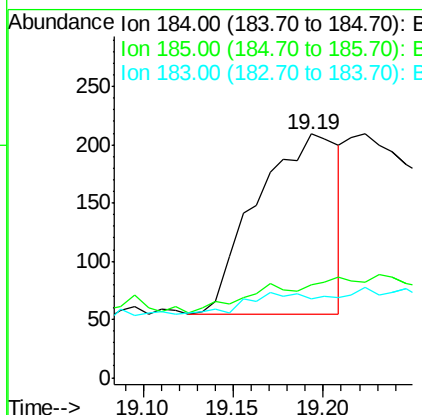
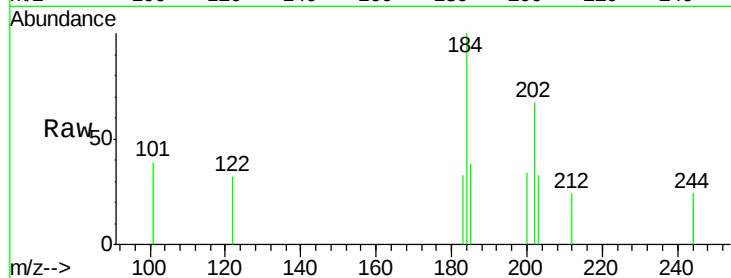




#27
Benzidine
Concen: 0.05 ng
RT: 19.19 min Scan# 2330
Delta R.T. 0.05 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

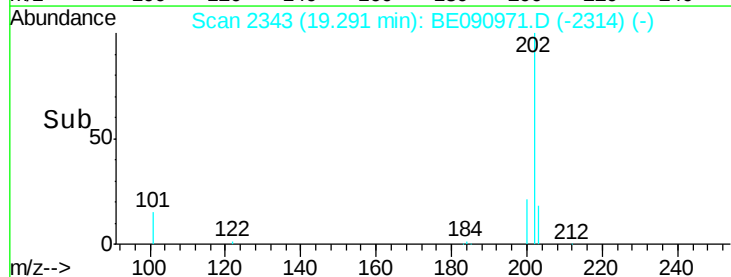
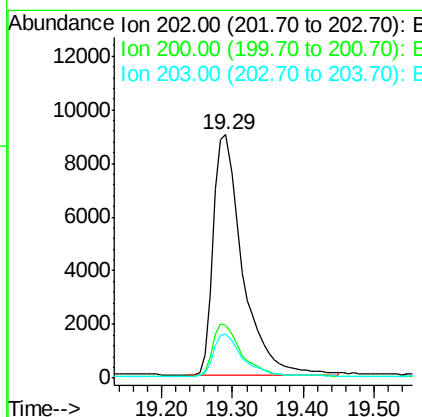
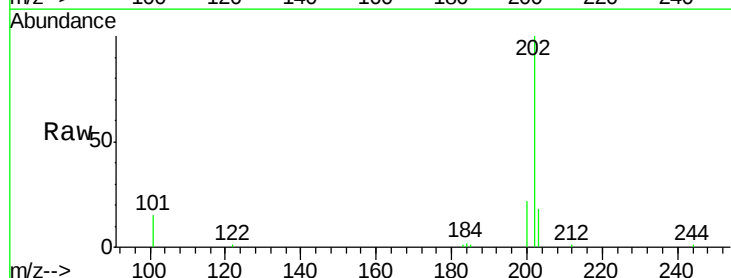
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.5

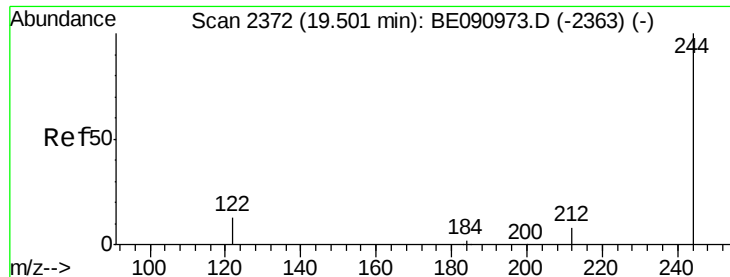
Tot Ion:184 Resp: 485
Ion Ratio Lower Upper
184 100
185 38.3 22.3 33.5#
183 32.5 16.4 24.6#



#28
Pyrene
Concen: 0.20 ng
RT: 19.29 min Scan# 2343
Delta R.T. 0.02 min
Lab File: BE090971.D
Acq: 28 Sep 2015 17:43

Tgt Ion:202 Resp: 25881
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 17.3 14.0 21.0





#29

Terphenyl-d14

Concen: 0.20 ng

RT: 19.51 min Scan# 2372

Delta R.T. 0.01 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

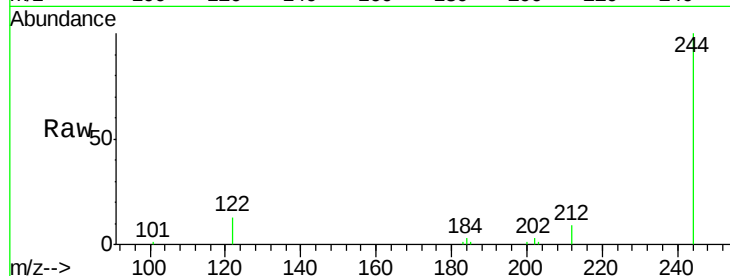
Tot Ion:244 Resp: 13507

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

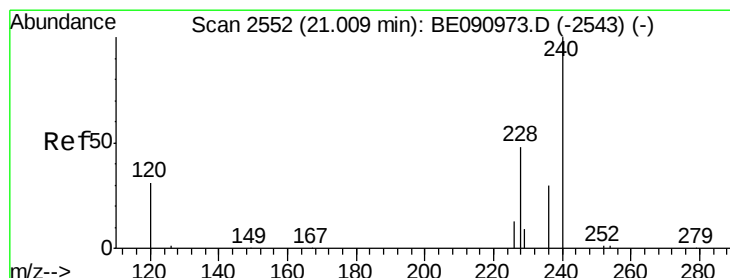
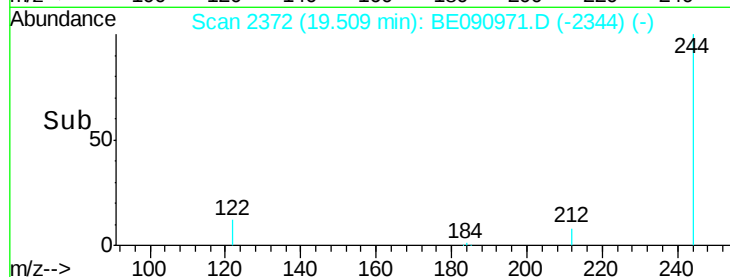
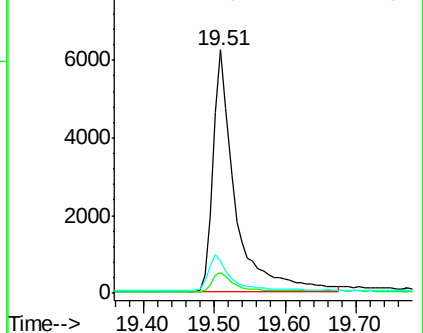
122 13.5 11.0 16.4



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: 0.17 ng

RT: 21.01 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

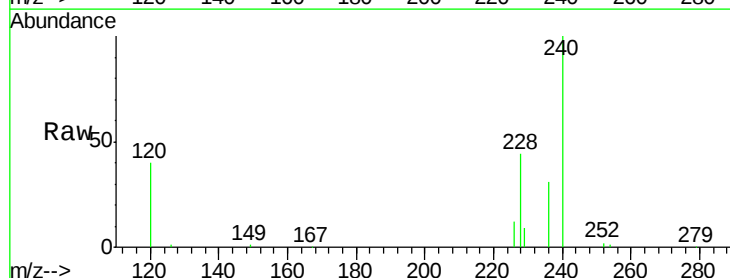
Tgt Ion:228 Resp: 22372

Ion Ratio Lower Upper

228 100

226 27.6 21.0 31.4

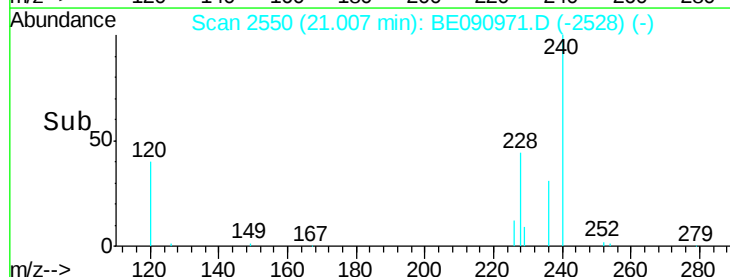
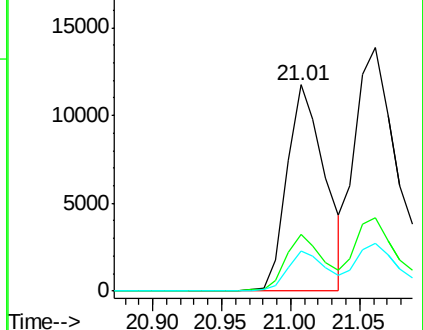
229 19.6 15.7 23.5

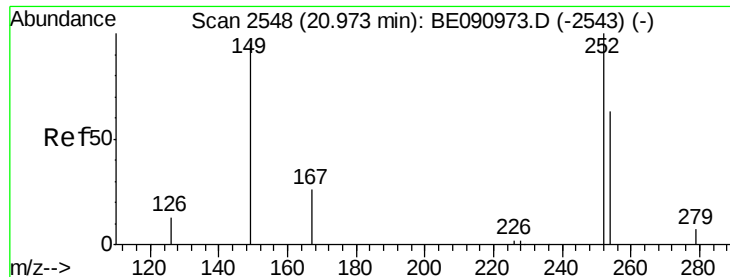


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

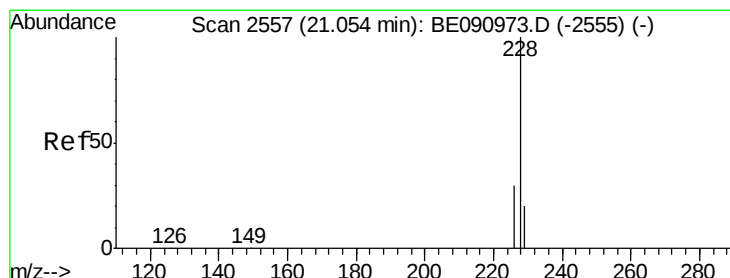
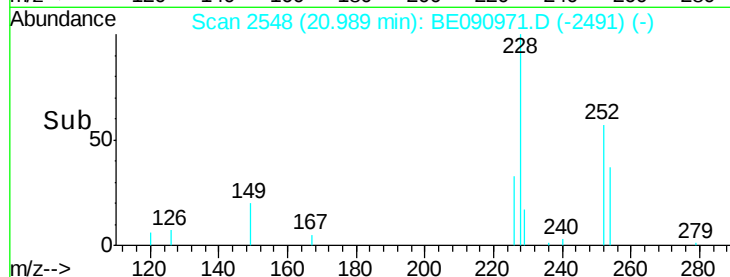
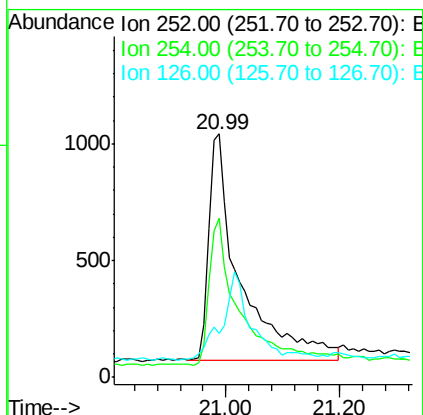
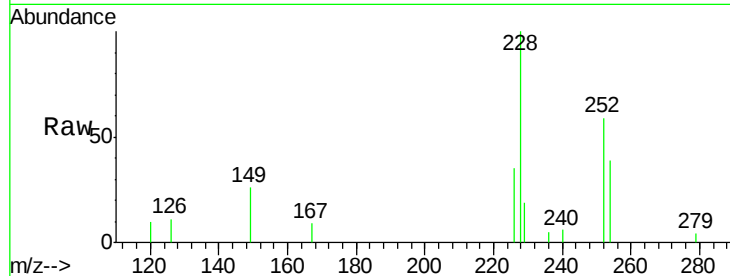




#31
 3,3'-Dichlorobenzidine
 Concen: 0.21 ng
 RT: 20.99 min Scan# 2548
 Delta R.T. 0.02 min
 Lab File: BE090971.D
 Acq: 28 Sep 2015 17:43

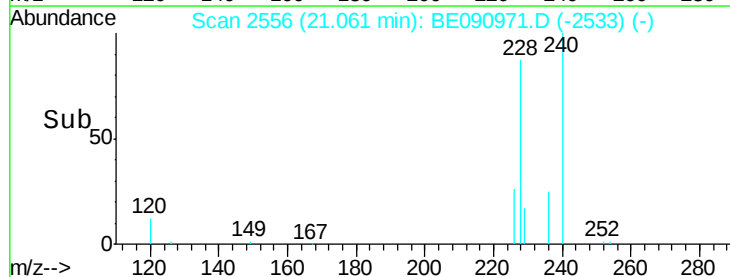
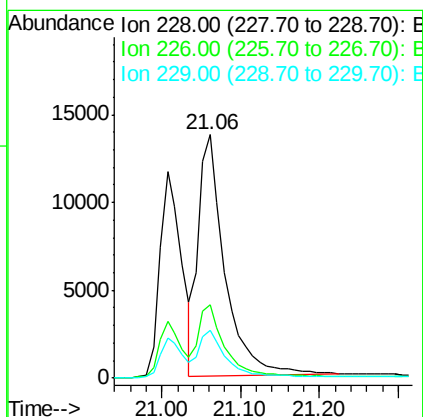
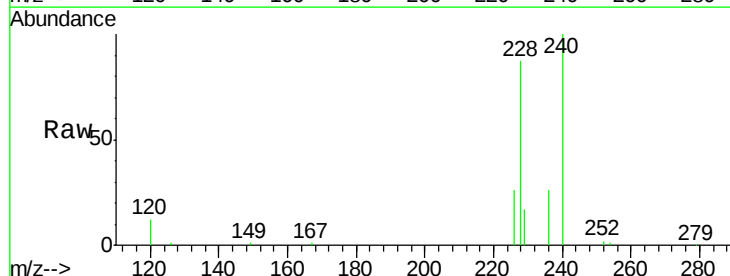
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

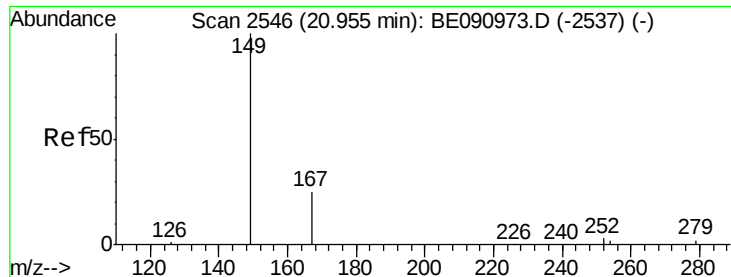
Tot Ion:252 Resp: 3674
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.1 76.7
 126 17.9 12.6 18.8



#32
 Chrysene
 Concen: 0.21 ng
 RT: 21.06 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: BE090971.D
 Acq: 28 Sep 2015 17:43

Tgt Ion:228 Resp: 31959
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.0 36.0
 229 19.5 15.9 23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.21 ng

RT: 20.96 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

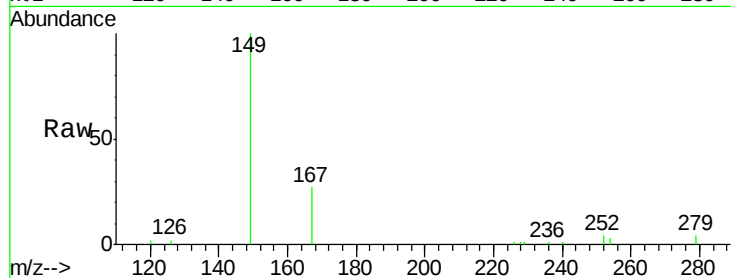
Tot Ion:149 Resp: 7464

Ion Ratio Lower Upper

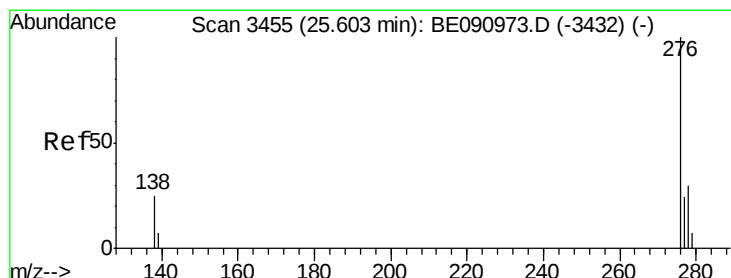
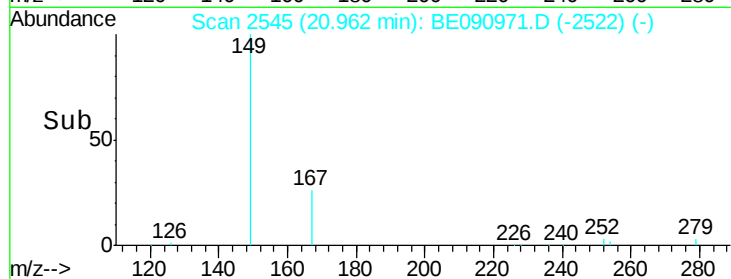
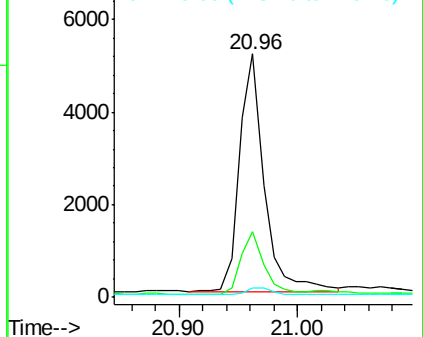
149 100

167 24.6 19.5 29.3

279 3.2 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: 0.18 ng

RT: 25.61 min Scan# 3456

Delta R.T. 0.01 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

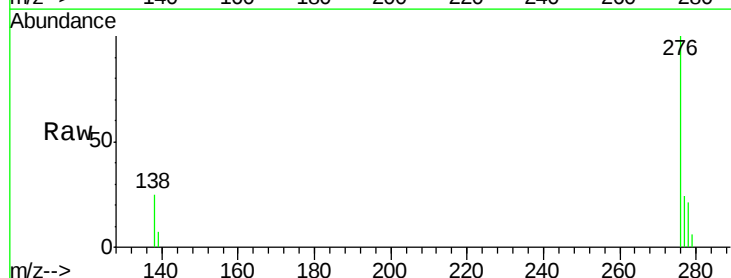
Tgt Ion:276 Resp: 23144

Ion Ratio Lower Upper

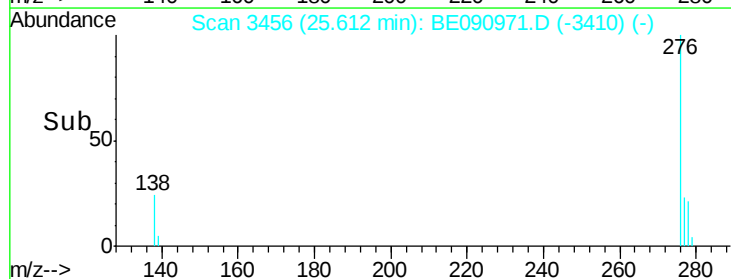
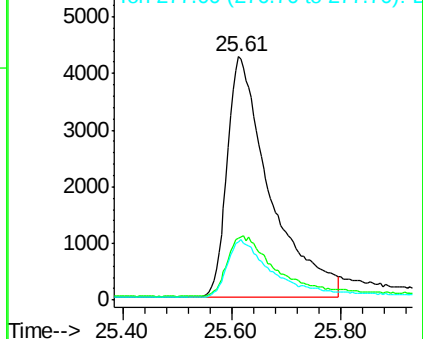
276 100

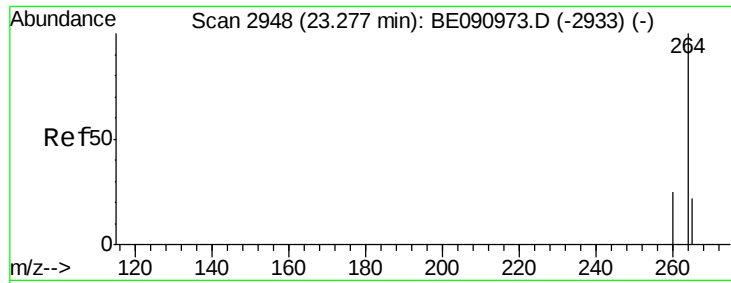
138 28.5 23.4 35.2

277 24.8 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

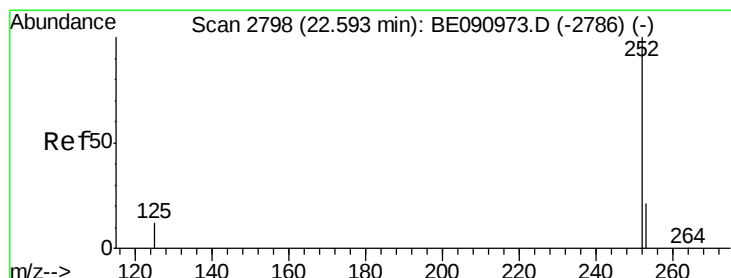
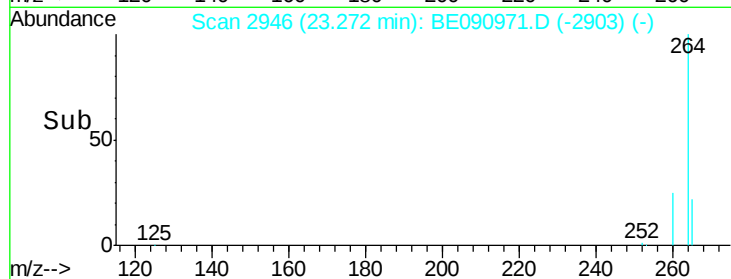
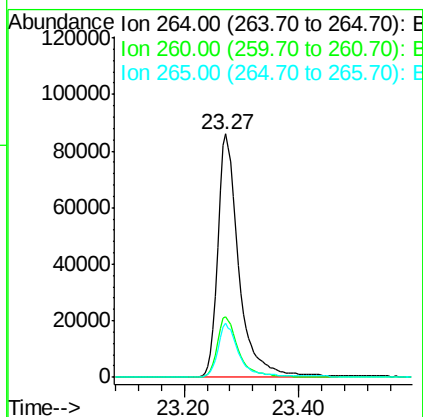
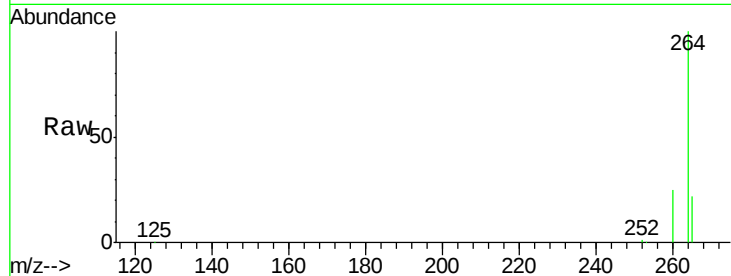




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.27 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: BE090971.D
 Acq: 28 Sep 2015 17:43

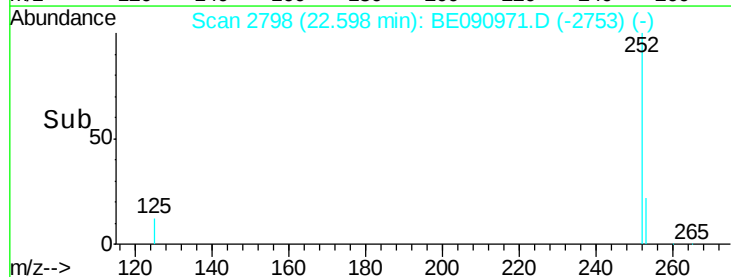
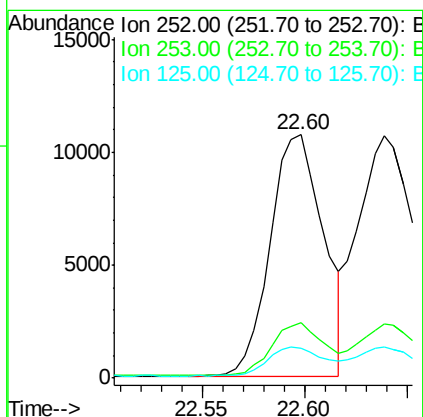
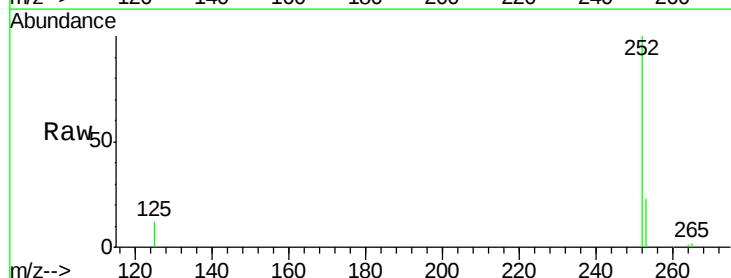
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.5

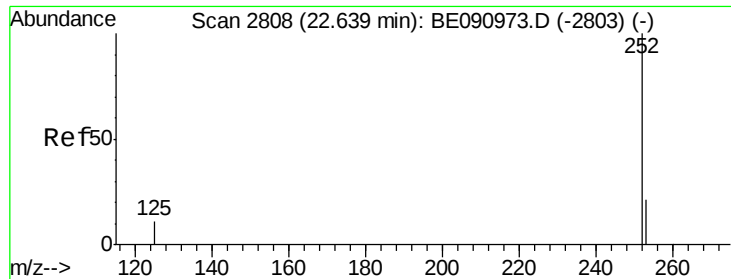
Tot Ion:264 Resp: 223792
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 22.1 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.17 ng
 RT: 22.60 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BE090971.D
 Acq: 28 Sep 2015 17:43

Tgt Ion:252 Resp: 19364
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.4 26.0
 125 12.4 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.20 ng

RT: 22.64 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

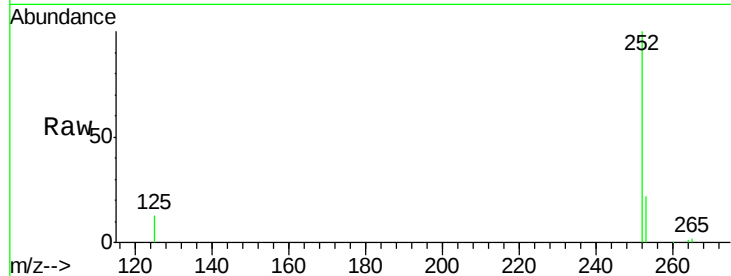
Tot Ion:252 Resp: 27380

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

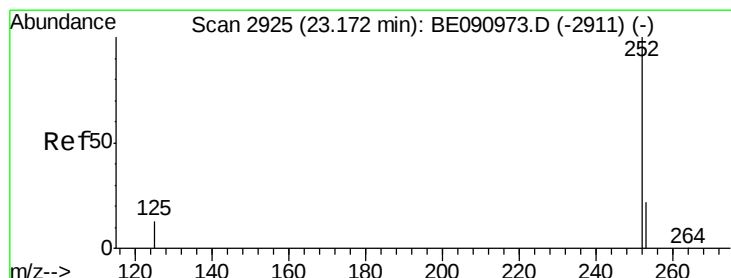
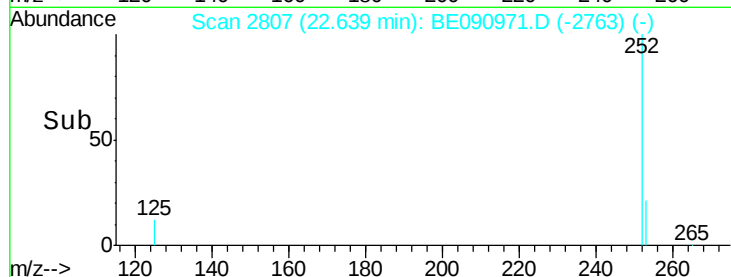
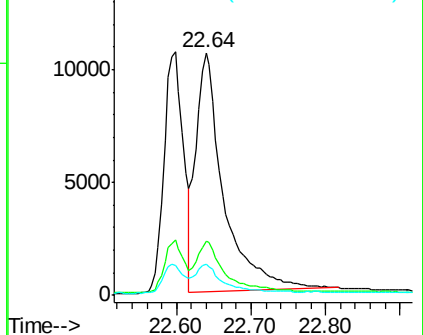
125 12.8 9.9 14.9



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



#38

Benzo(a)pyrene

Concen: 0.18 ng

RT: 23.18 min Scan# 2925

Delta R.T. 0.00 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

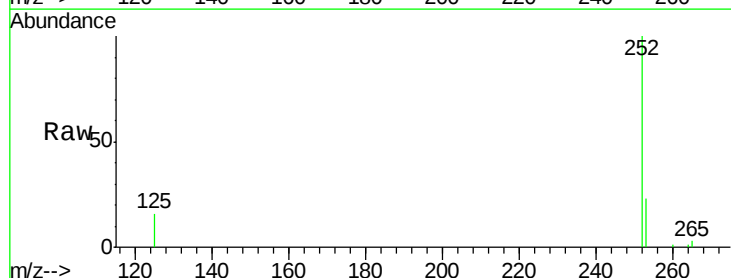
Tgt Ion:252 Resp: 17839

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

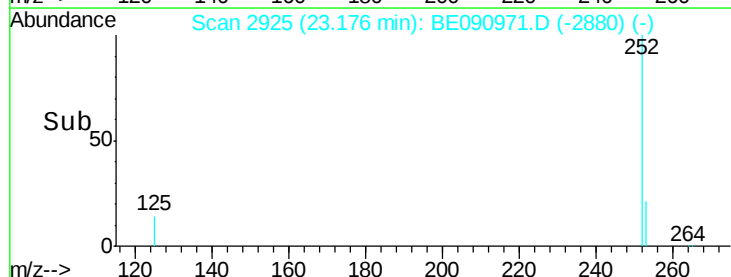
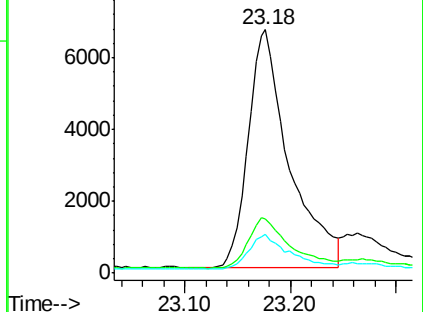
125 15.7 11.0 16.4

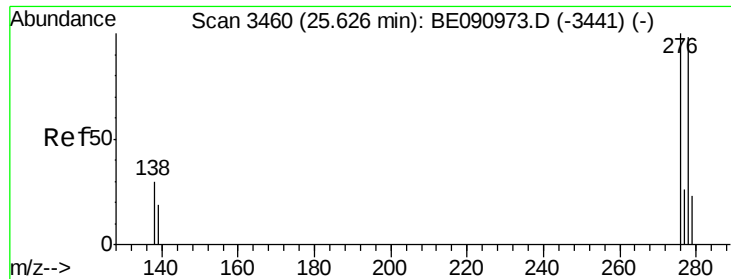


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.17 ng

RT: 25.65 min Scan# 3465

Delta R.T. 0.03 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.5

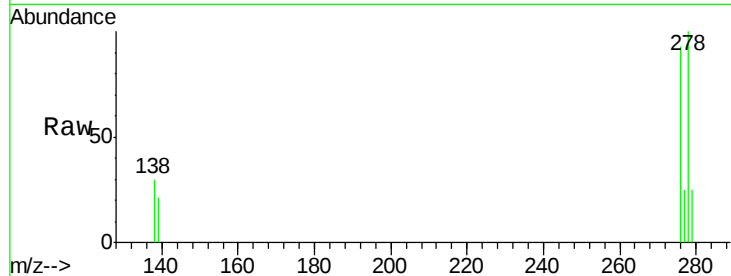
Tot Ion:278 Resp: 16296

Ion Ratio Lower Upper

278 100

139 20.7 16.0 24.0

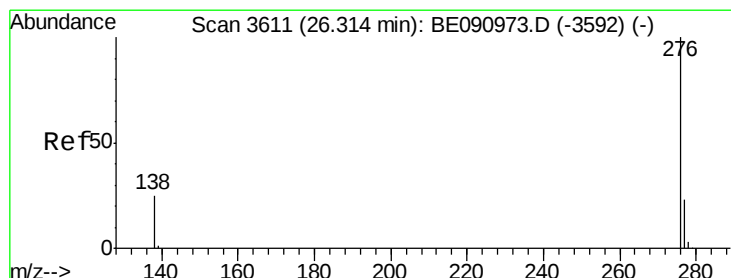
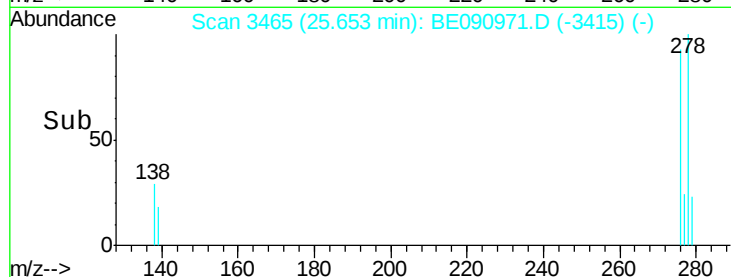
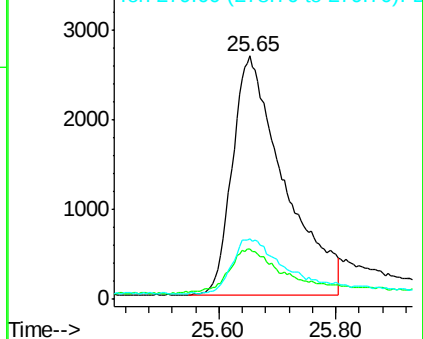
279 25.0 19.4 29.2



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: 0.19 ng

RT: 26.32 min Scan# 3612

Delta R.T. 0.01 min

Lab File: BE090971.D

Acq: 28 Sep 2015 17:43

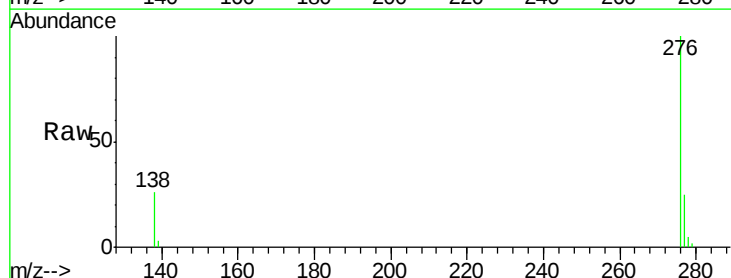
Tgt Ion:276 Resp: 20135

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 26.5 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

