

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE011416\
 Data File : BE091360.D
 Acq On : 14 Jan 2016 20:52
 Operator : UM/IZ
 Sample : SSTDICC002
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC002

Quant Time: Jan 14 22:26:26 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 22:19:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	27829	5.00	ng	0.00
7) Naphthalene-d8	9.55	136	128308	5.00	ng	0.00
13) Acenaphthene-d10	13.35	164	64138	5.00	ng	0.00
19) Phenanthrene-d10	16.08	188	179197	5.00	ng	0.00
26) Chrysene-d12	20.21	240	206692	5.00	ng	0.00
35) Perylene-d12	22.10	264	166558	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	4.93	112	6298	1.14	ng	-0.01
5) Phenol-d6	6.55	99	10065	1.47	ng	-0.02
8) Nitrobenzene-d5	8.15	82	15235	2.17	ng	-0.01
14) 2,4,6-Tribromophenol	14.88	330	2343	1.20	ng	-0.01
15) 2-Fluorobiphenyl	12.00	172	27917	1.64	ng	0.00
29) Terphenyl-d14	18.61	244	43941	1.74	ng	0.00

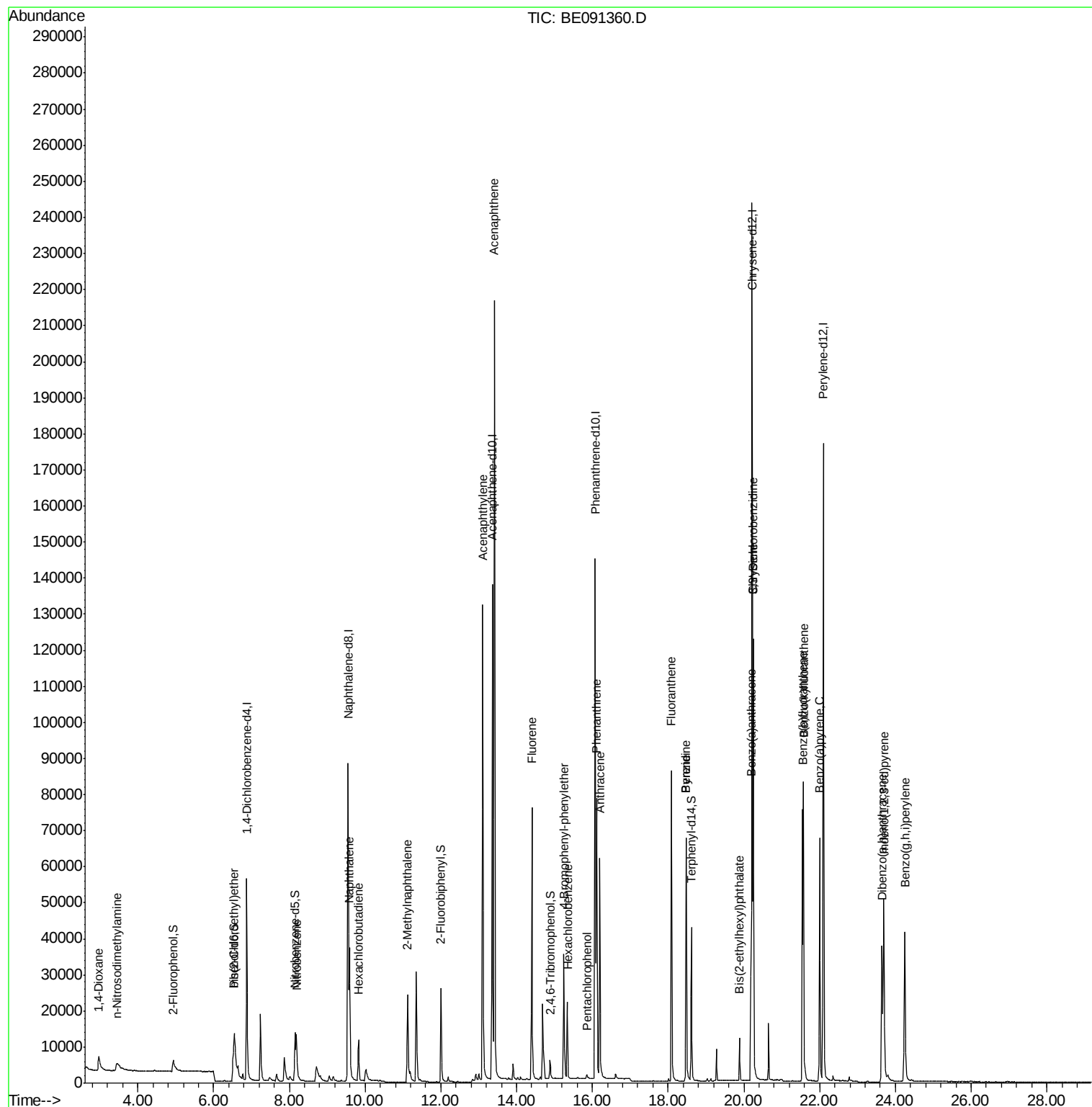
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.97	88	5846	1.22	ng	98
3) n-Nitrosodimethylamine	3.44	42	7101	1.51	ng	# 1
6) bis(2-Chloroethyl)ether	6.54	93	28684	3.64	ng	# 16
9) Nitrobenzene	8.19	77	18308	2.39	ng	98
10) Naphthalene	9.59	128	54024	1.94	ng	100
11) Hexachlorobutadiene	9.83	225	8931	1.92	ng	100
12) 2-Methylnaphthalene	11.12	142	21937	1.42	ng	97
16) Acenaphthylene	13.10	152	182918	1.75	ng	99
17) Acenaphthene	13.42	154	36709	2.11	ng	89
18) Fluorene	14.40	166	49991	2.36	ng	97
20) 4-Bromophenyl-phenylether	15.25	248	9132	1.41	ng	95
21) Hexachlorobenzene	15.35	284	16126	0.51	ng	99
22) Pentachlorophenol	15.85	266	1320	0.55	ng	87
23) Phenanthrene	16.11	178	91667	2.00	ng	99
24) Anthracene	16.20	178	71341	1.79	ng	100
25) Fluoranthene	18.09	202	82312	1.56	ng	100
27) Benzidine	18.48	184	4030	1.16	ng	# 87
28) Pyrene	18.47	202	64721	1.28	ng	99
30) Benzo(a)anthracene	20.19	228	58407	1.27	ng	99
31) 3,3'-Dichlorobenzidine	20.24	252	6874	0.86	ng	96
32) Chrysene	20.25	228	99854	1.62	ng	100
33) Bis(2-ethylhexyl)phthalate	19.89	149	11699	0.63	ng	98
34) Indeno(1,2,3-cd)pyrene	23.69	276	62094	1.30	ng	99
36) Benzo(b)fluoranthene	21.55	252	61926	1.73	ng	99
37) Benzo(k)fluoranthene	21.58	252	84863	1.74	ng	99
38) Benzo(a)pyrene	22.00	252	70415	2.07	ng	99
39) Dibenzo(a,h)anthracene	23.65	278	48575	1.51	ng	100
40) Benzo(g,h,i)perylene	24.25	276	60819	1.71	ng	98

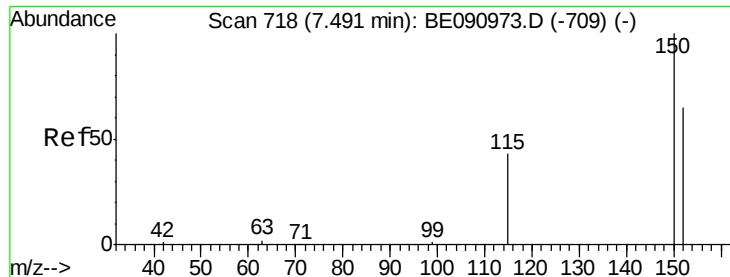
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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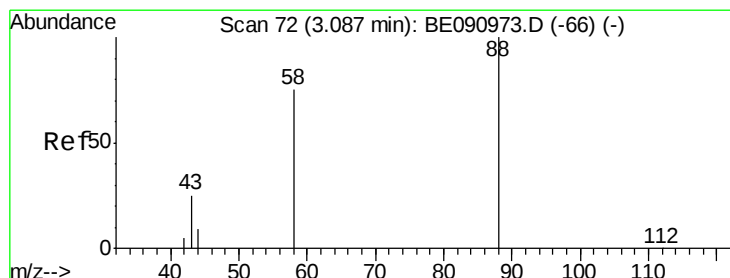
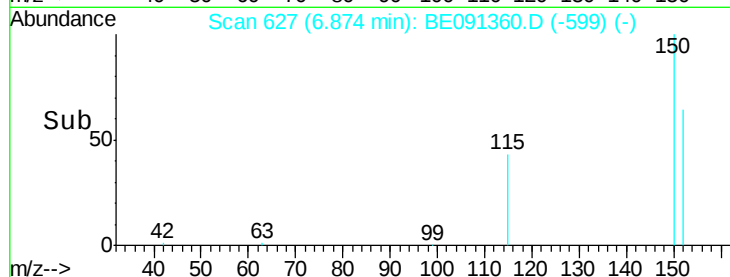
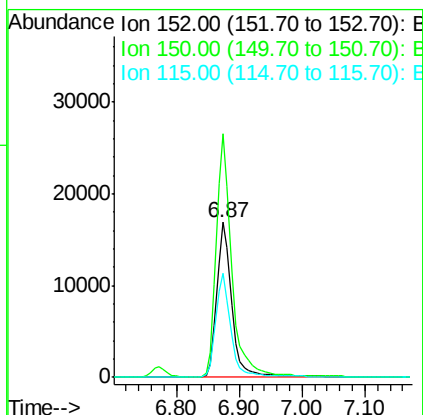
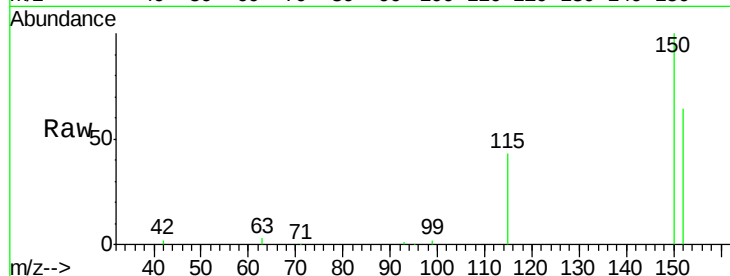




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 6.87 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BE091360.D
 Acq: 14 Jan 2016 20:52

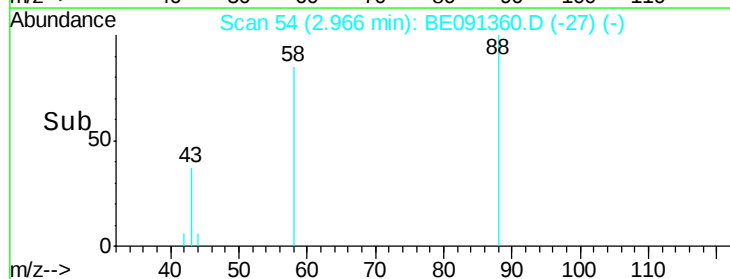
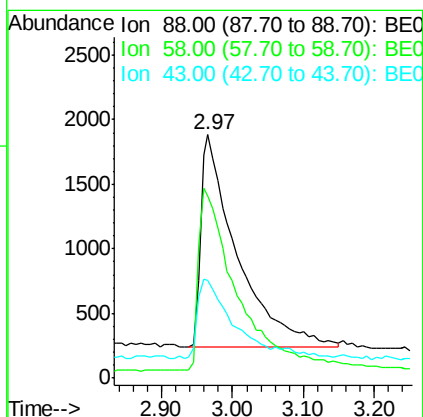
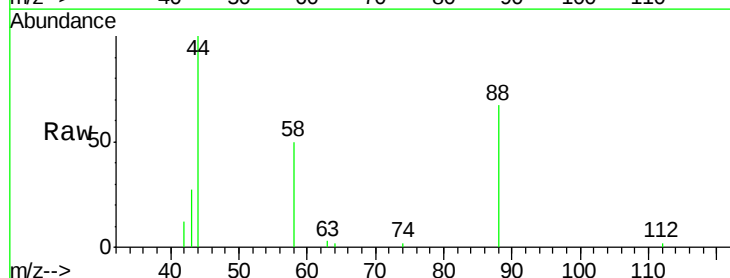
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC002

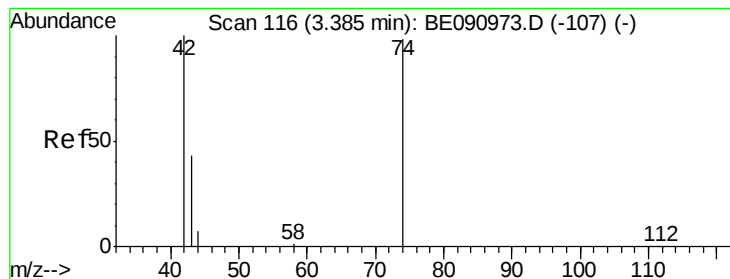
Tgt Ion:152 Resp: 27829
 Ion Ratio Lower Upper
 152 100
 150 157.2 121.6 182.4
 115 67.1 50.6 75.8



#2
 1,4-Dioxane
 Concen: 1.22 ng
 RT: 2.97 min Scan# 54
 Delta R.T. -0.02 min
 Lab File: BE091360.D
 Acq: 14 Jan 2016 20:52

Tgt Ion: 88 Resp: 5846
 Ion Ratio Lower Upper
 88 100
 58 92.0 74.6 111.8
 43 39.1 28.7 43.1





#3

n-Nitrosodimethylamine

Concen: 1.51 ng

RT: 3.44 min Scan# 124

Delta R.T. -0.05 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC002

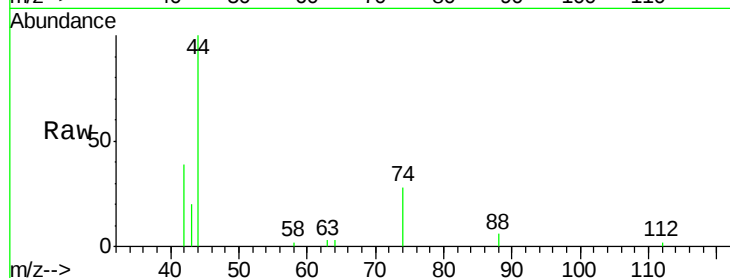
Tgt Ion: 42 Resp: 7101

Ion Ratio Lower Upper

42 100

74 79.5 16.0 24.0#

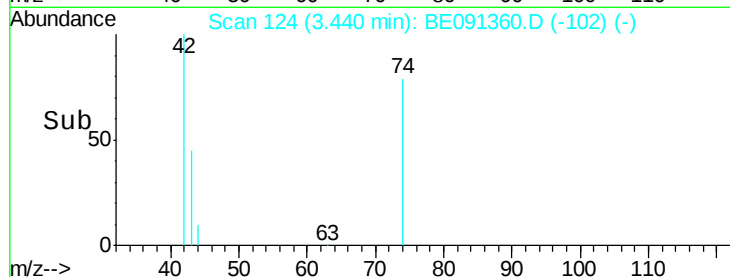
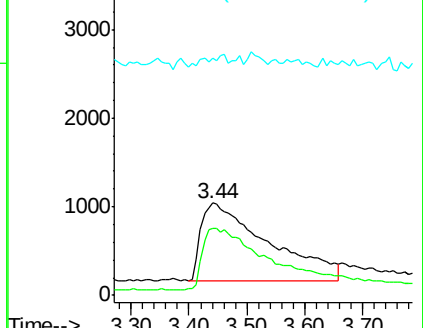
44 0.0 3.3 4.9#



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: 1.14 ng

RT: 4.93 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

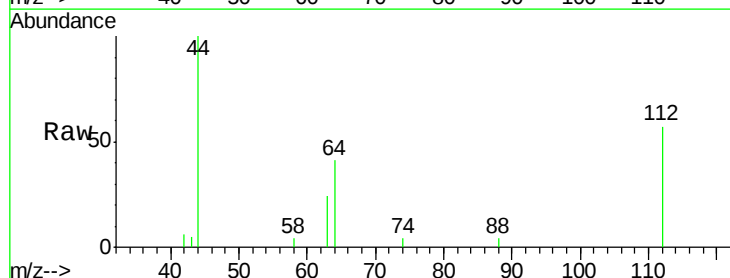
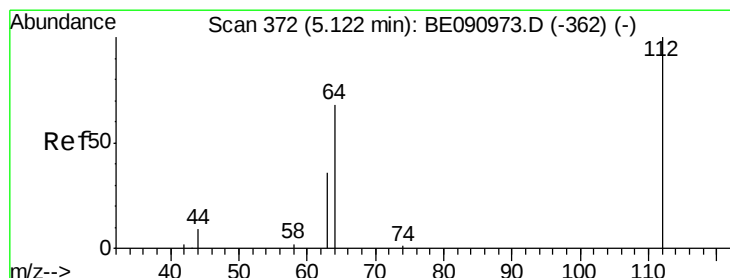
Tgt Ion: 112 Resp: 6298

Ion Ratio Lower Upper

112 100

64 71.6 57.4 86.0

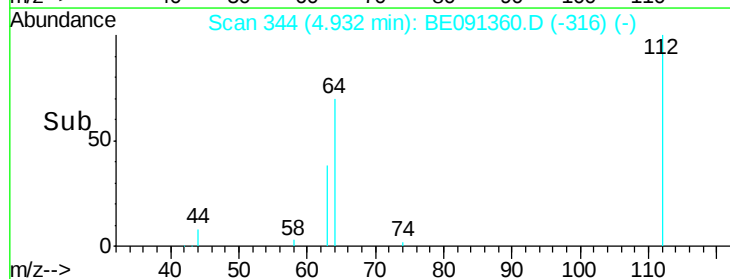
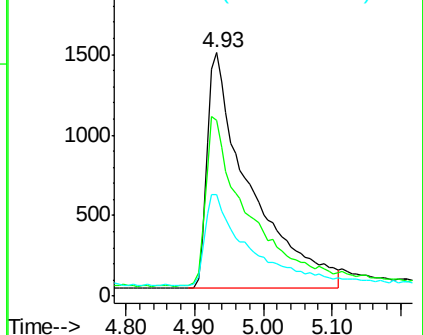
63 39.0 32.2 48.2

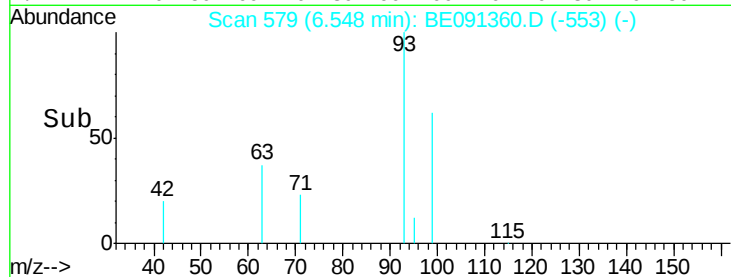
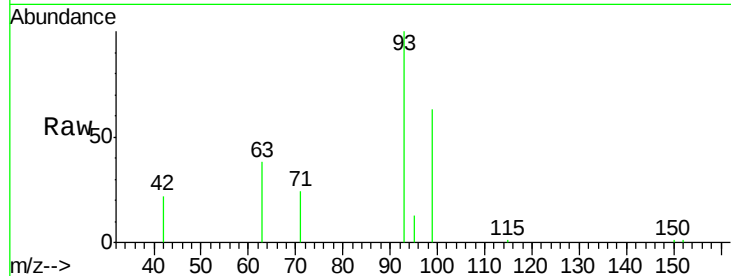
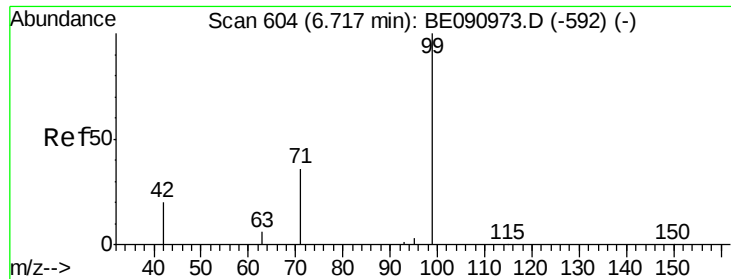


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.47 ng

RT: 6.55 min Scan# 579

Delta R.T. -0.02 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC002

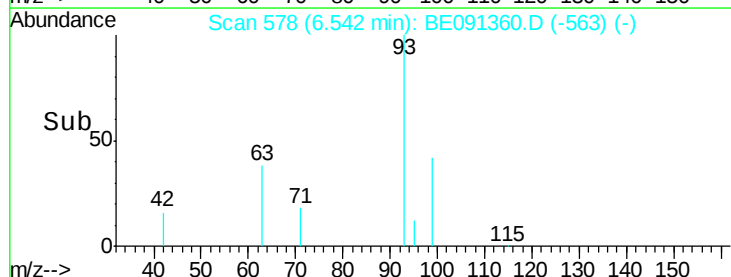
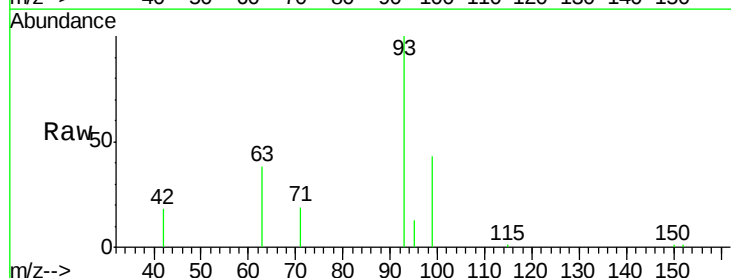
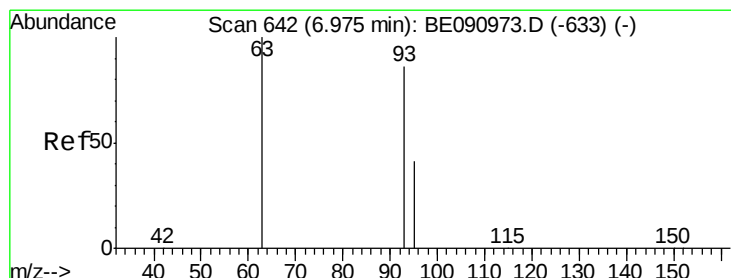
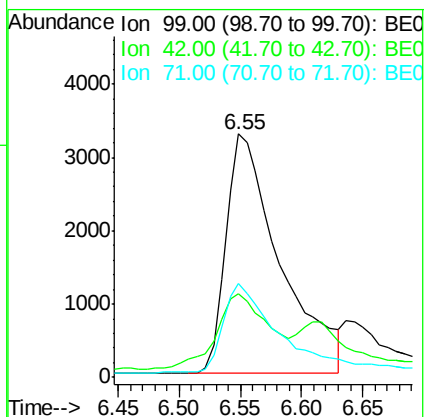
Tgt Ion: 99 Resp: 10065

Ion Ratio Lower Upper

99 100

42 30.1 22.9 34.3

71 40.9 35.4 53.2



#6

bis(2-Chloroethyl)ether

Concen: 3.64 ng

RT: 6.54 min Scan# 578

Delta R.T. -0.10 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

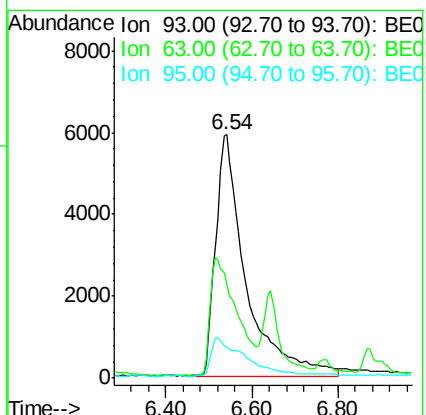
Tgt Ion: 93 Resp: 28684

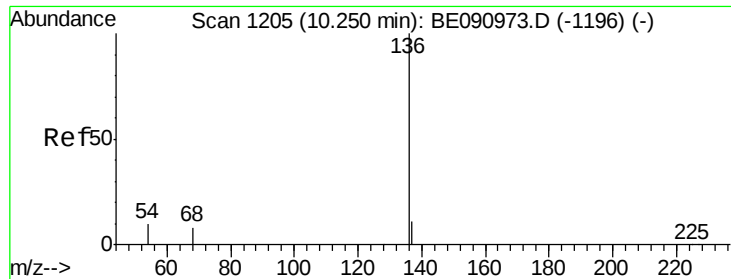
Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

95 0.0 53.9 80.9#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 9.55 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

Tgt Ion: 136 Resp: 128308

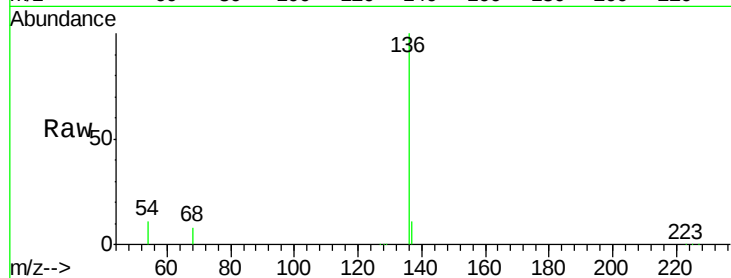
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.1 9.8 14.6

68 7.7 6.6 10.0

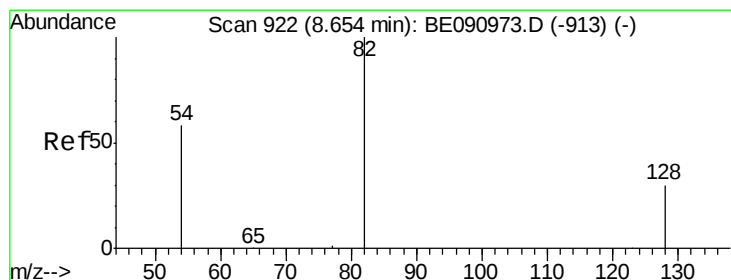
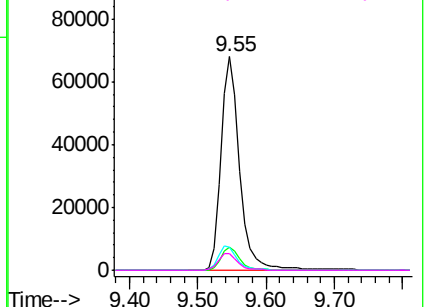
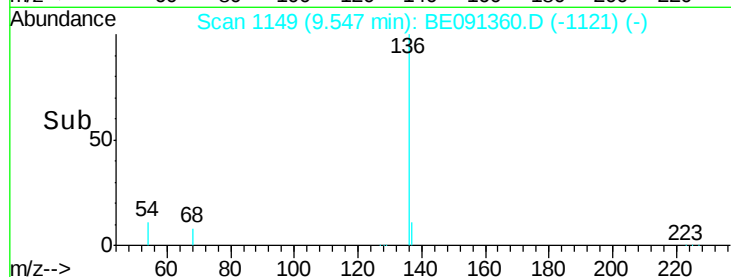


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.17 ng

RT: 8.15 min Scan# 858

Delta R.T. -0.01 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

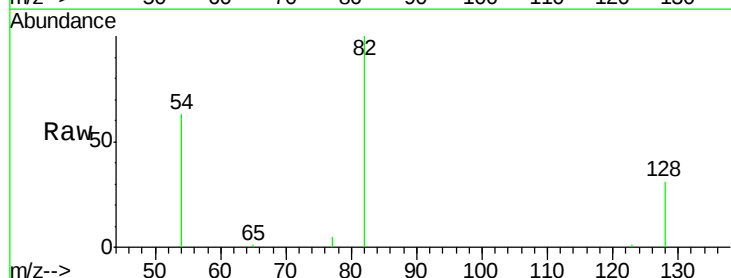
Tgt Ion: 82 Resp: 15235

Ion Ratio Lower Upper

82 100

128 30.8 24.6 36.8

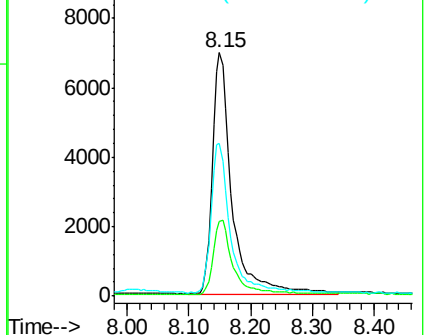
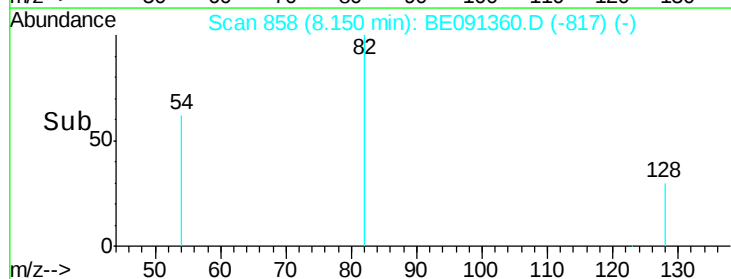
54 62.8 52.7 79.1

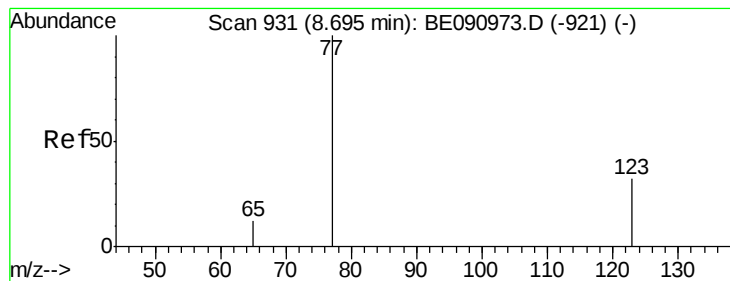


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 2.39 ng

RT: 8.19 min Scan# 866

Delta R.T. -0.02 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

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ClientSampleId :

SSTDICC002

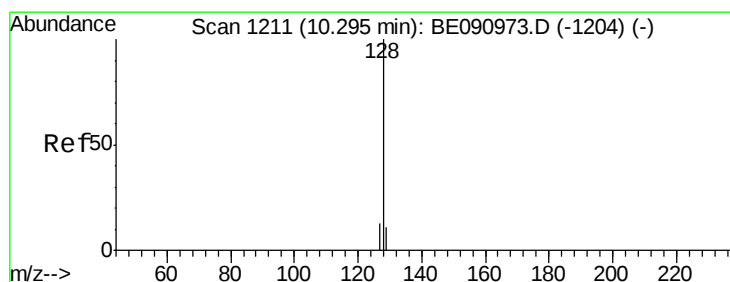
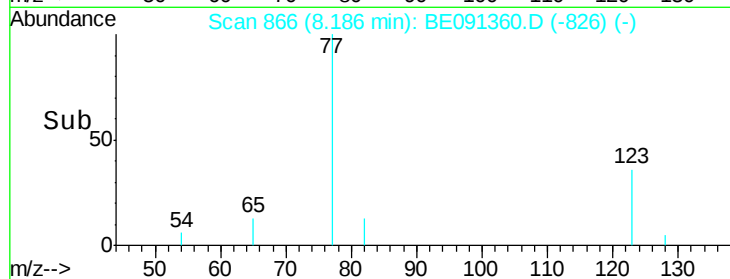
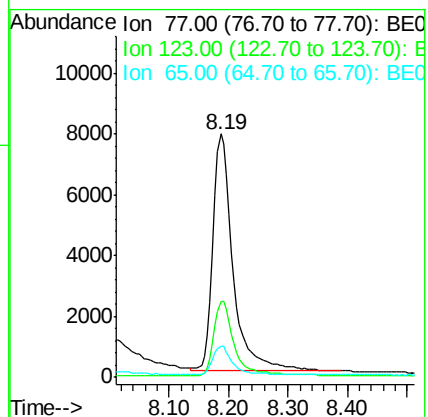
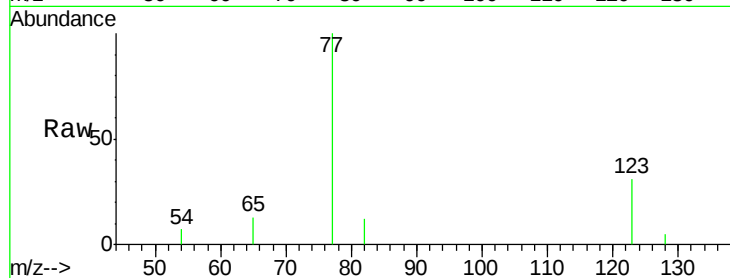
Tgt Ion: 77 Resp: 18308

Ion Ratio Lower Upper

77 100

123 32.0 24.7 37.1

65 11.6 8.8 13.2



#10

Naphthalene

Concen: 1.94 ng

RT: 9.59 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

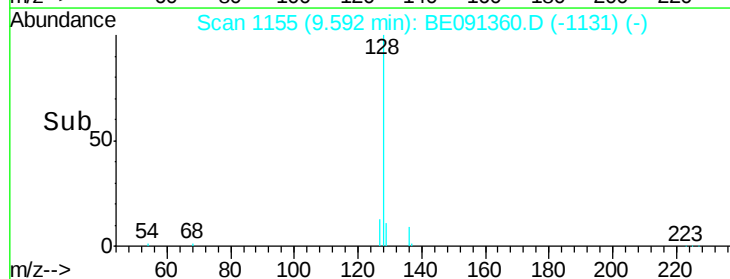
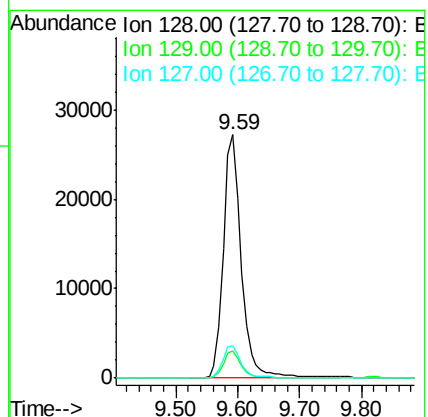
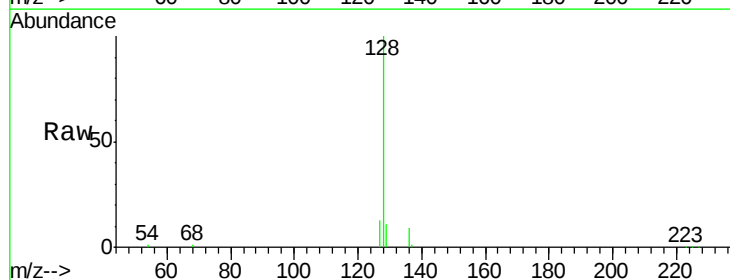
Tgt Ion: 128 Resp: 54024

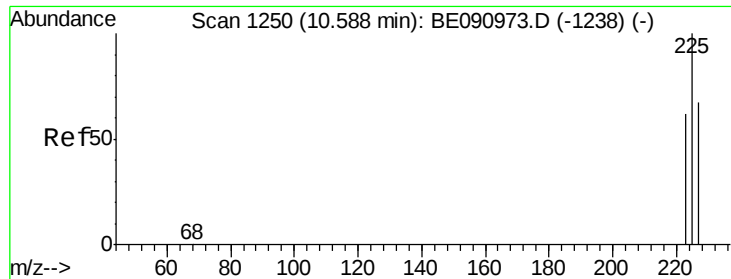
Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

127 13.2 10.6 15.8

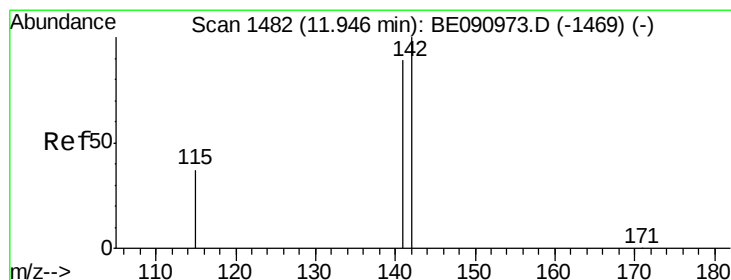
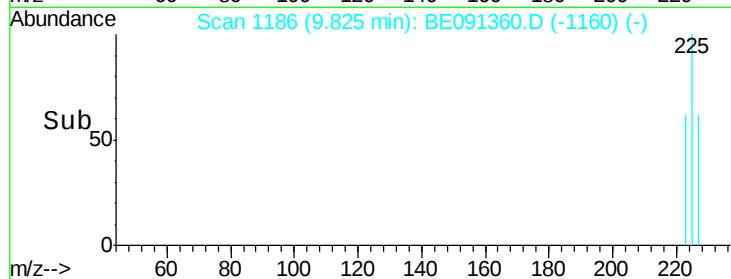
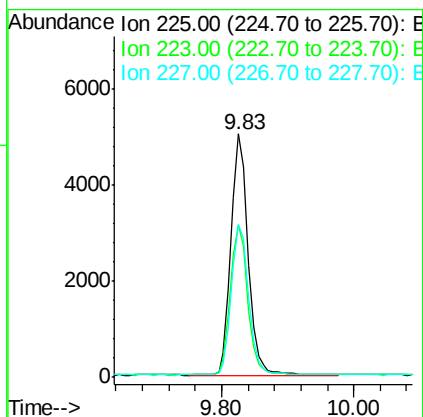
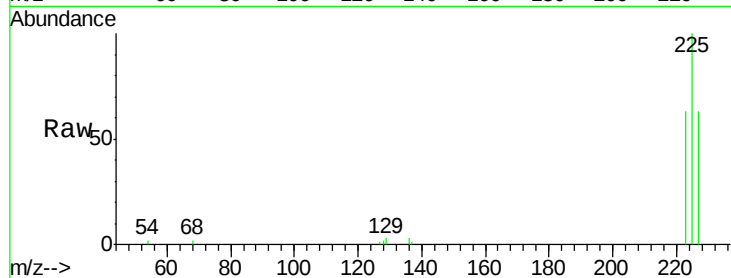




#11
Hexachlorobutadiene
Concen: 1.92 ng
RT: 9.83 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BE091360.D
Acq: 14 Jan 2016 20:52

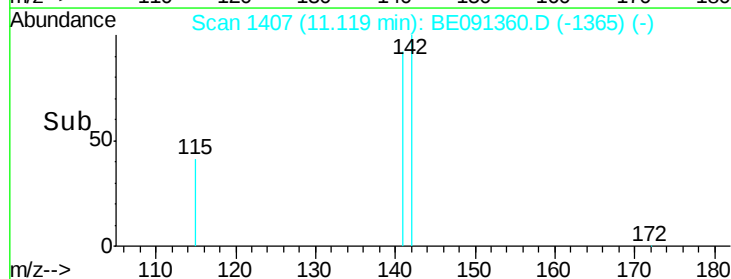
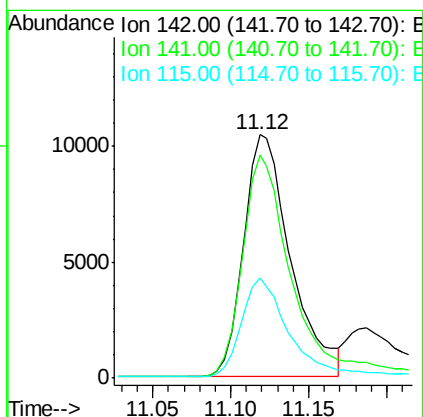
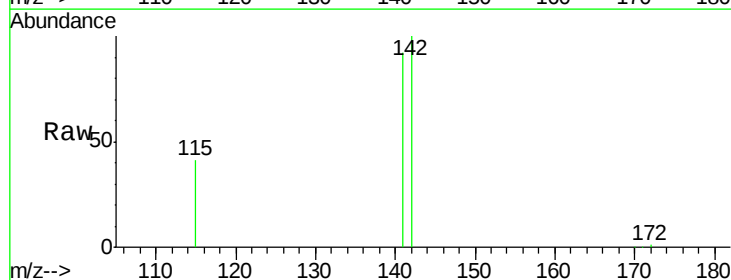
Instrument :
BNA_E
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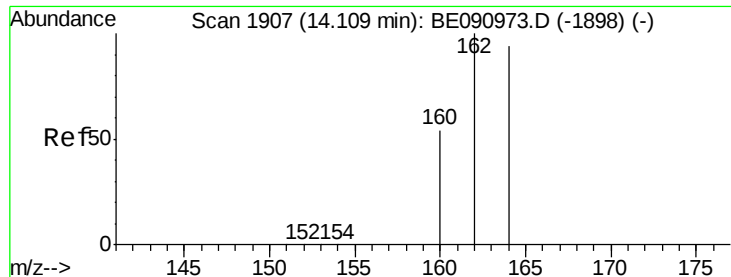
Tgt Ion: 225 Resp: 8931
Ion Ratio Lower Upper
225 100
223 62.9 50.0 75.0
227 63.2 50.7 76.1



#12
2-Methylnaphthalene
Concen: 1.42 ng
RT: 11.12 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BE091360.D
Acq: 14 Jan 2016 20:52

Tgt Ion: 142 Resp: 21937
Ion Ratio Lower Upper
142 100
141 91.6 74.5 111.7
115 41.1 35.2 52.8





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.35 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

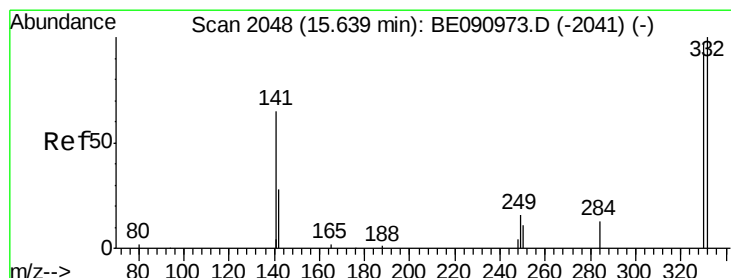
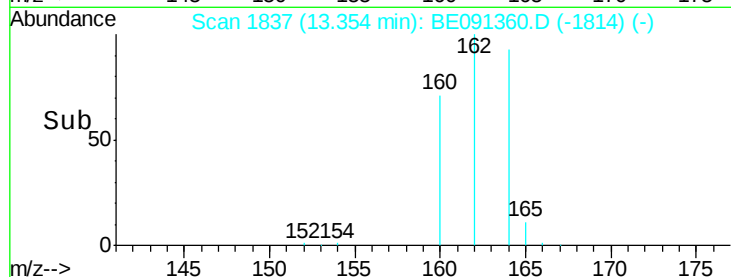
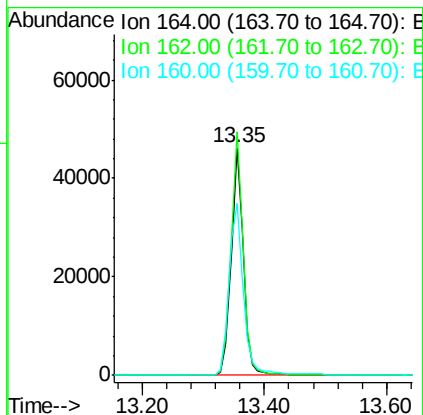
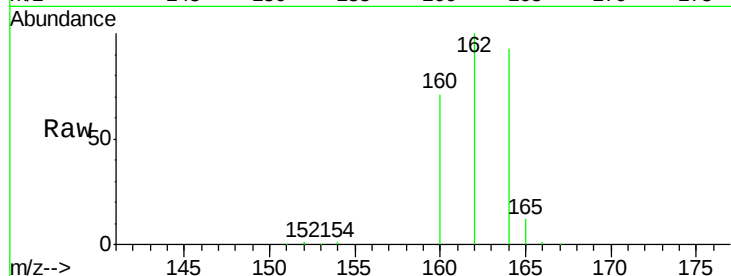
Tgt Ion:164 Resp: 64138

Ion Ratio Lower Upper

164 100

162 107.0 88.5 132.7

160 75.5 76.7 115.1#



#14

2,4,6-Tribromophenol

Concen: 1.20 ng

RT: 14.88 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

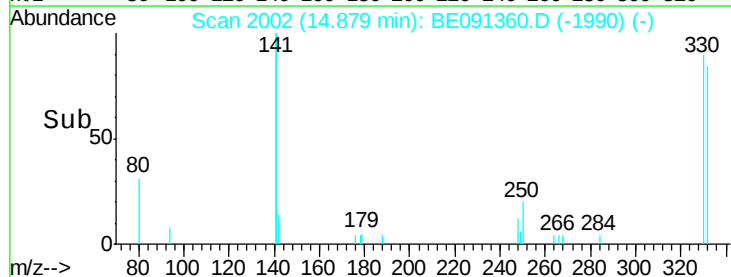
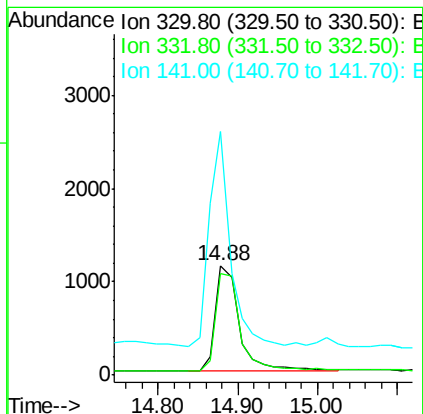
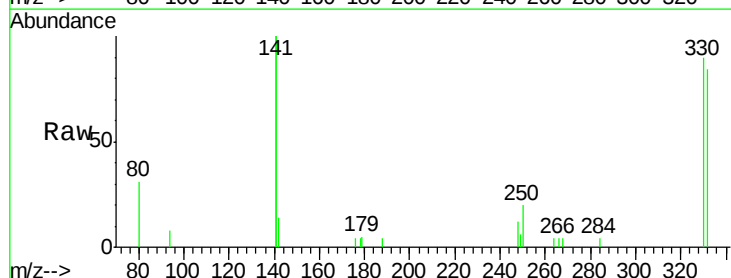
Tgt Ion:330 Resp: 2343

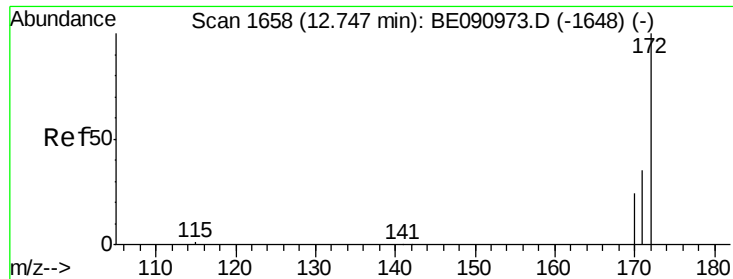
Ion Ratio Lower Upper

330 100

332 95.8 78.6 118.0

141 179.4 147.8 221.8

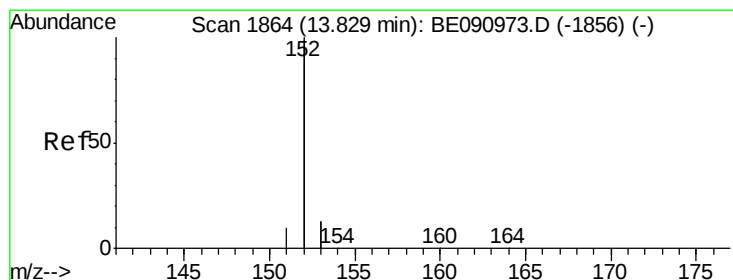
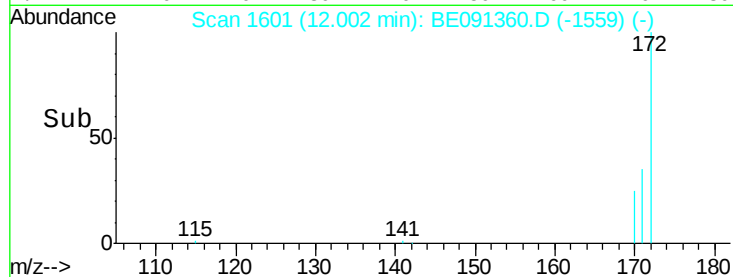
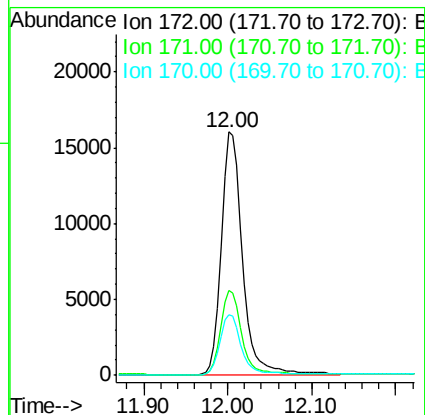
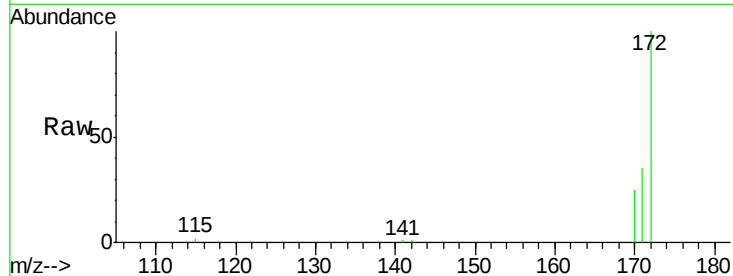




#15
2-Fluorobiphenyl
Concen: 1.64 ng
RT: 12.00 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BE091360.D
Acq: 14 Jan 2016 20:52

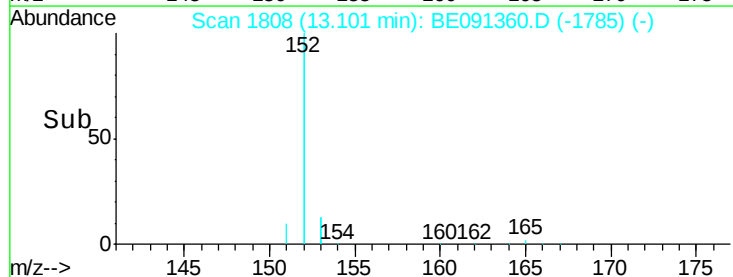
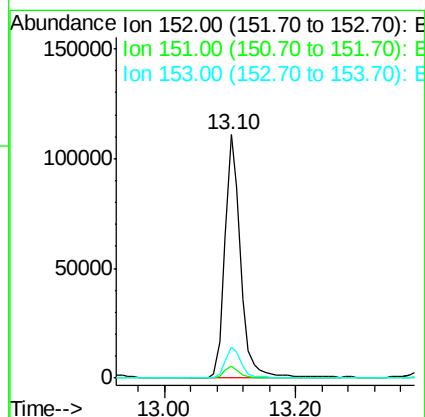
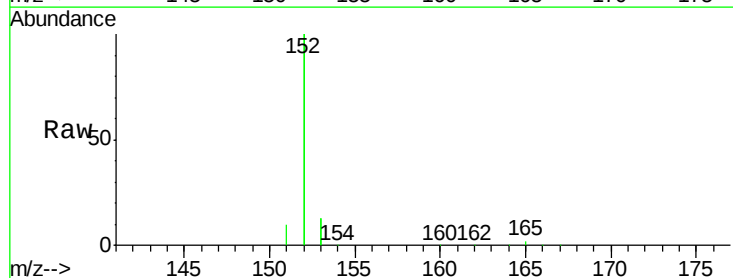
Instrument :
BNA_E
ClientSampleId :
SSTDIC002

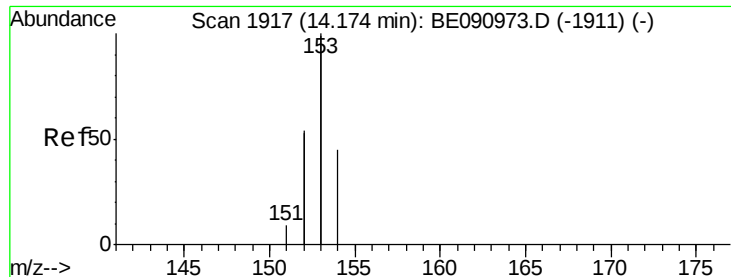
Tgt Ion:172 Resp: 27917
Ion Ratio Lower Upper
172 100
171 35.0 27.3 40.9
170 24.9 19.8 29.6



#16
Acenaphthylene
Concen: 1.75 ng
RT: 13.10 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BE091360.D
Acq: 14 Jan 2016 20:52

Tgt Ion:152 Resp: 182918
Ion Ratio Lower Upper
152 100
151 4.7 3.8 5.8
153 13.0 10.1 15.1





#17

Acenaphthene

Concen: 2.11 ng

RT: 13.42 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC002

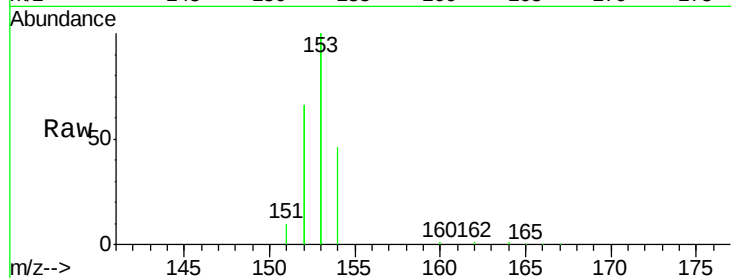
Tgt Ion:154 Resp: 36709

Ion Ratio Lower Upper

154 100

153 454.2 370.2 555.4

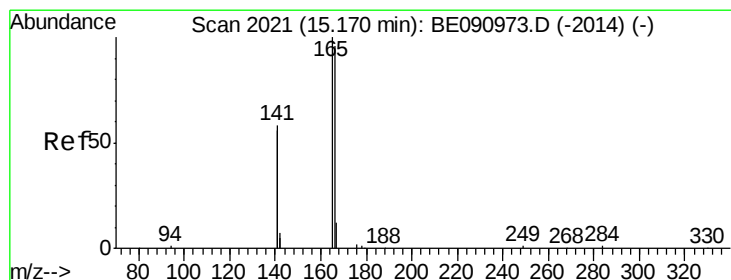
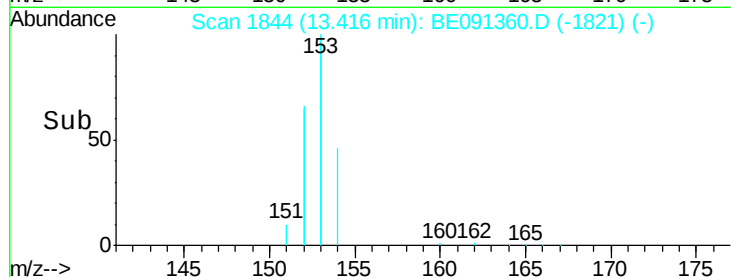
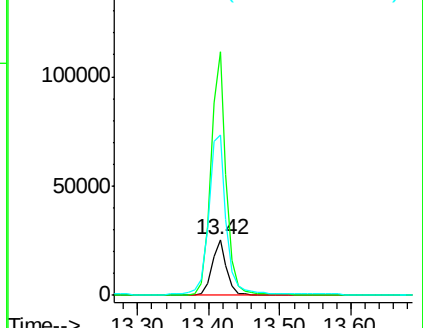
152 343.0 310.5 465.7



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: 2.36 ng

RT: 14.40 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

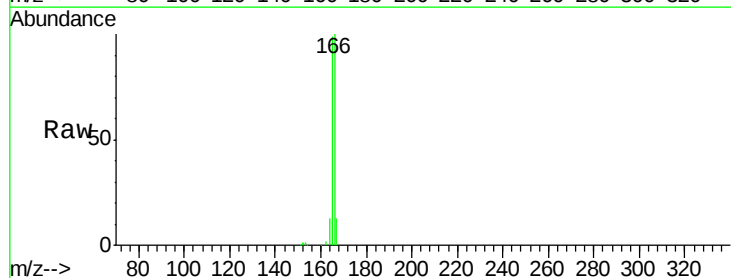
Tgt Ion:166 Resp: 49991

Ion Ratio Lower Upper

166 100

165 100.5 83.0 124.6

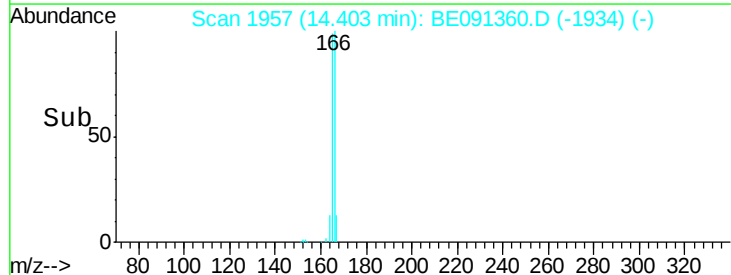
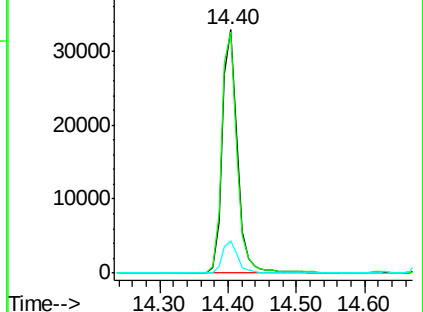
167 13.3 11.1 16.7

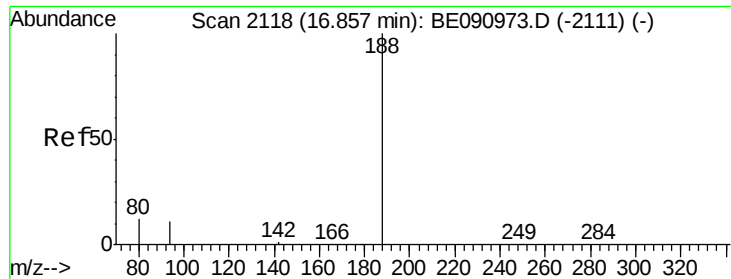


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

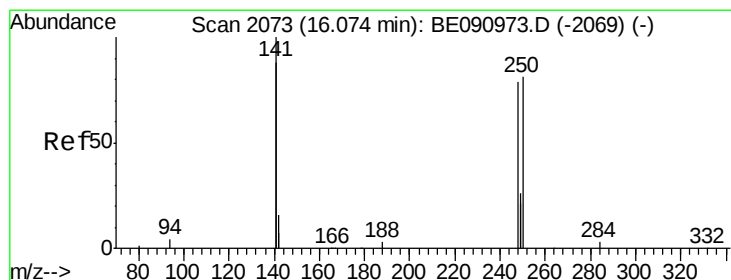
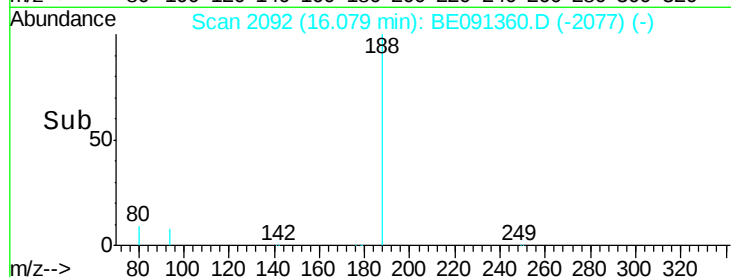
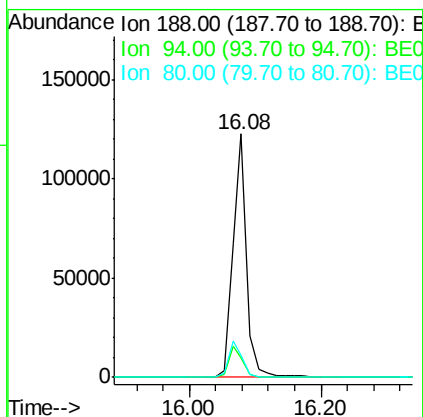
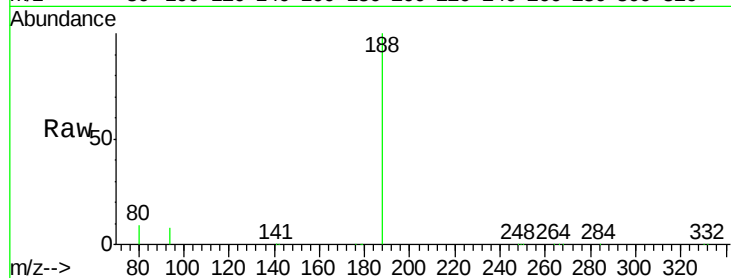




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.08 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BE091360.D
Acq: 14 Jan 2016 20:52

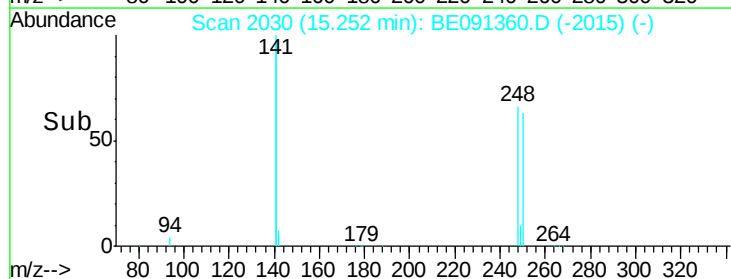
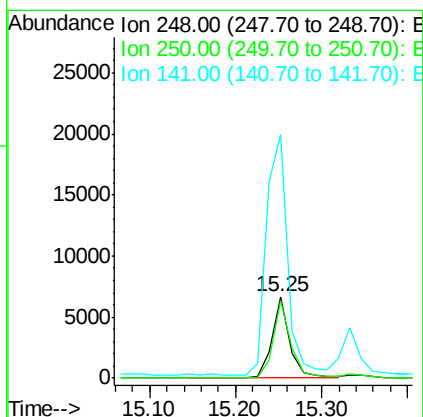
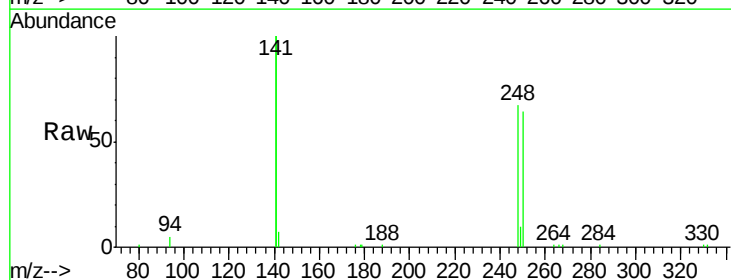
Instrument :
BNA_E
ClientSampleId :
SSTDIC002

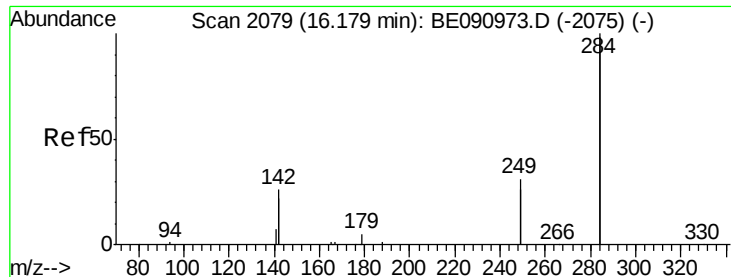
Tgt Ion:188 Resp: 179197
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 8.9 8.2 12.2



#20
4-Bromophenyl-phenylether
Concen: 1.41 ng
RT: 15.25 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BE091360.D
Acq: 14 Jan 2016 20:52

Tgt Ion:248 Resp: 9132
Ion Ratio Lower Upper
248 100
250 95.5 76.2 114.2
141 365.5 282.4 423.6

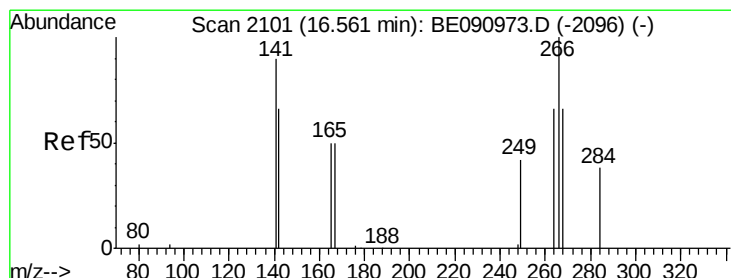
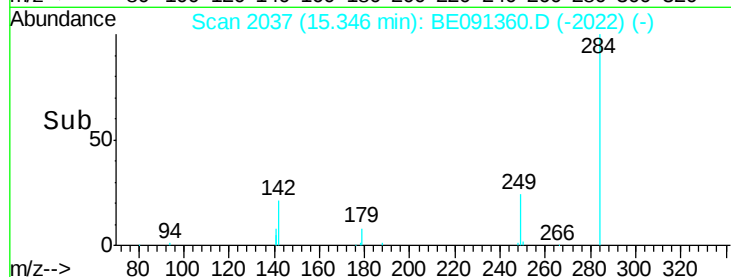
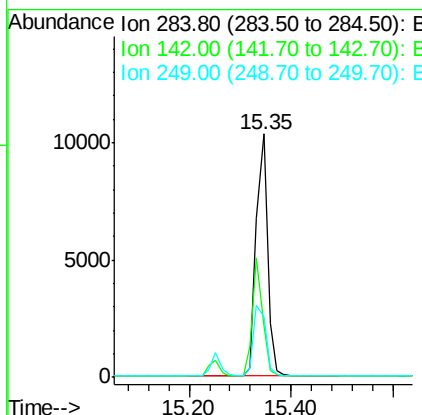
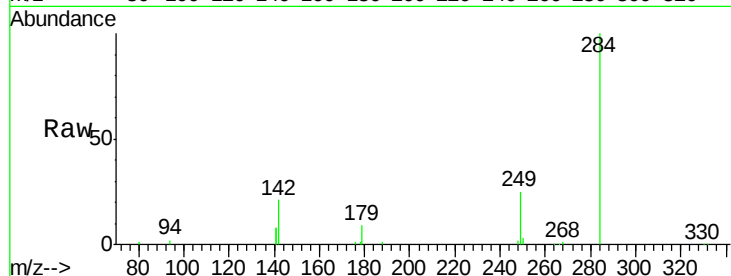




#21
Hexachlorobenzene
Concen: 0.51 ng
RT: 15.35 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BE091360.D
Acq: 14 Jan 2016 20:52

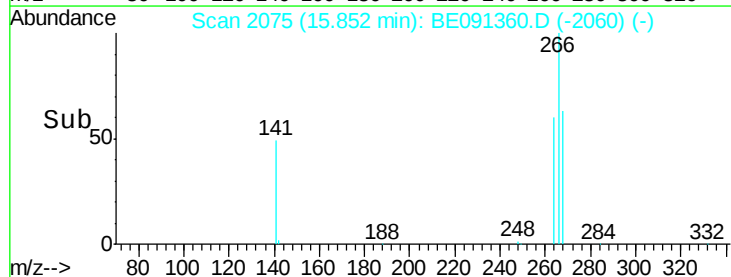
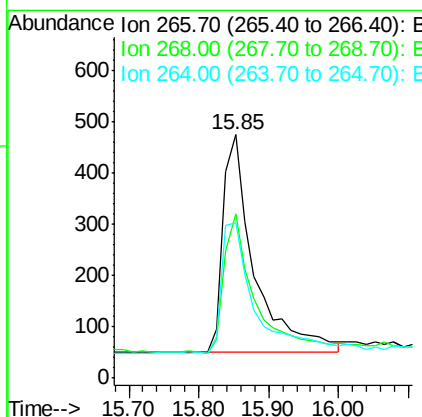
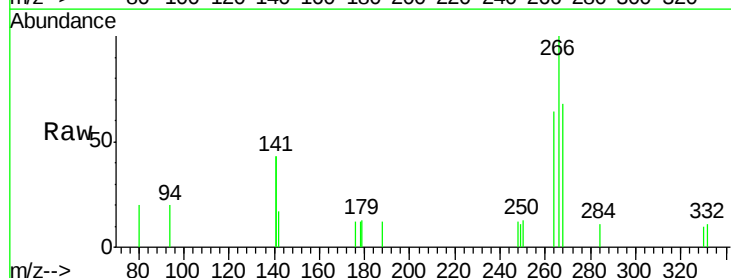
Instrument :
BNA_E
ClientSampleId :
SSTDIC002

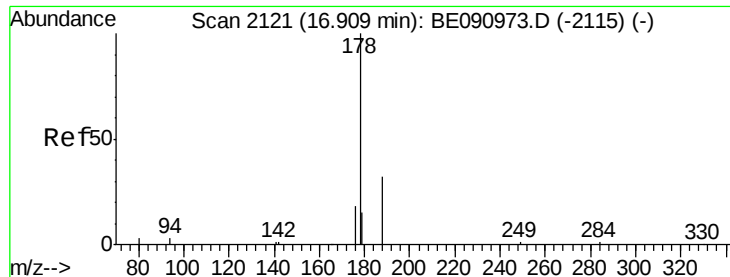
Tgt Ion: 284 Resp: 16126
Ion Ratio Lower Upper
284 100
142 43.3 35.4 53.0
249 31.7 25.0 37.4



#22
Pentachlorophenol
Concen: 0.55 ng
RT: 15.85 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE091360.D
Acq: 14 Jan 2016 20:52

Tgt Ion: 266 Resp: 1320
Ion Ratio Lower Upper
266 100
268 67.7 61.2 91.8
264 63.7 61.8 92.6





#23

Phenanthrene

Concen: 2.00 ng

RT: 16.11 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Instrument :

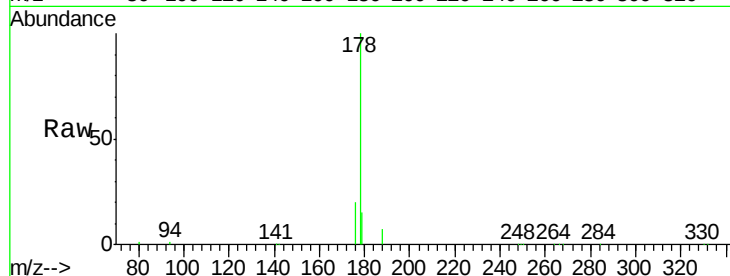
BNA_E

ClientSampleId :

SSTDICC002

Tgt Ion:178 Resp: 91667

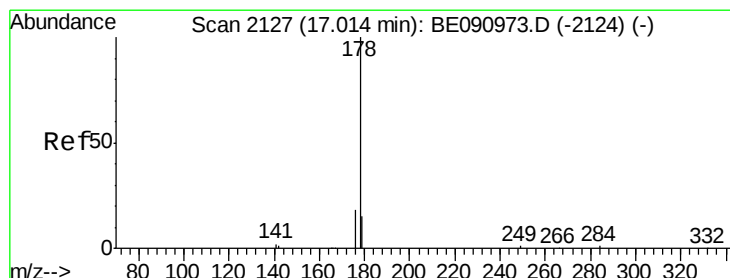
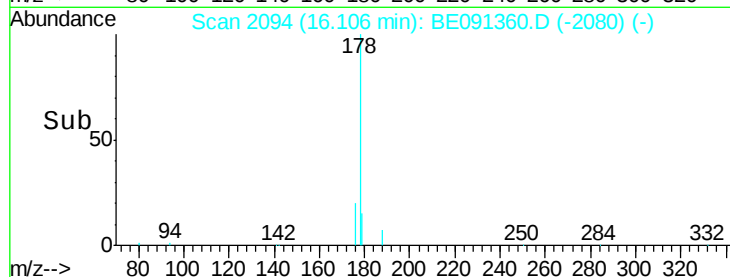
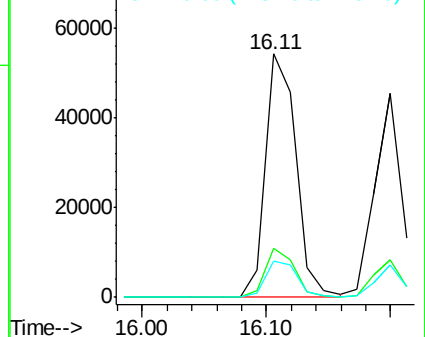
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 1.79 ng

RT: 16.20 min Scan# 2101

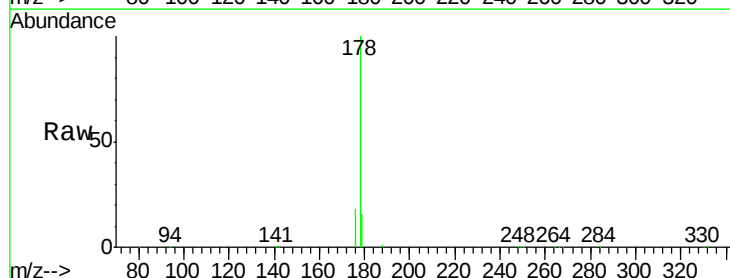
Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Tgt Ion:178 Resp: 71341

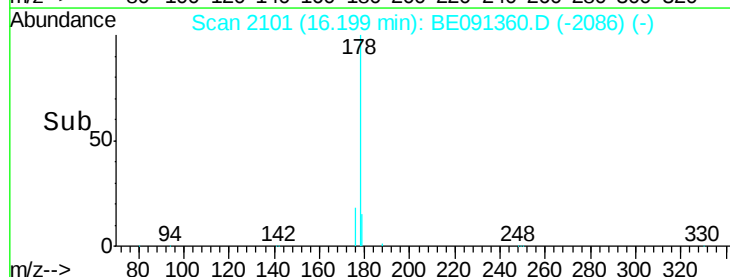
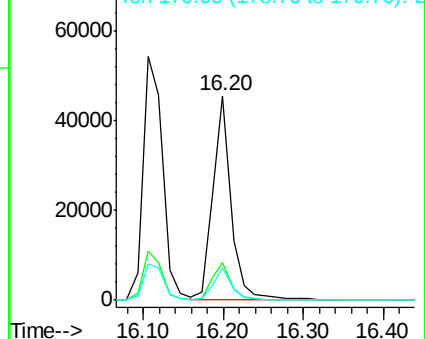
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.4	18.6

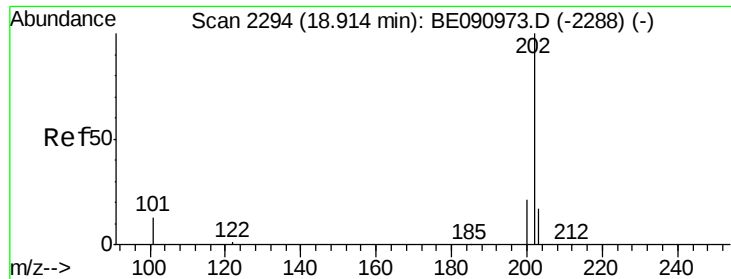


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 1.56 ng

RT: 18.09 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

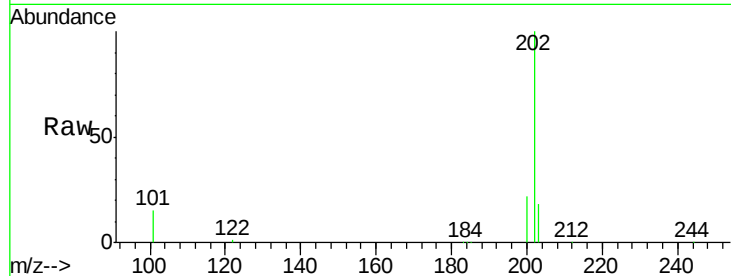
Tgt Ion:202 Resp: 82312

Ion Ratio Lower Upper

202 100

101 13.9 11.0 16.4

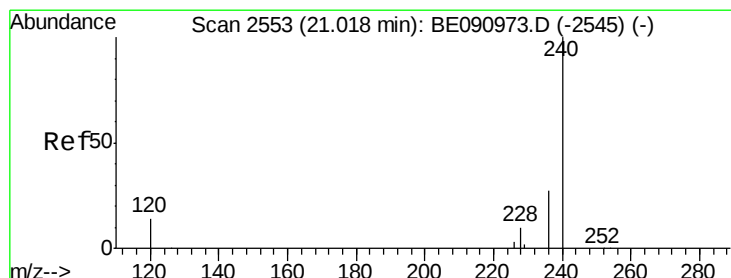
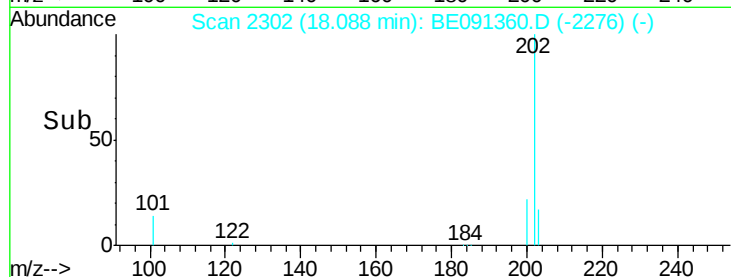
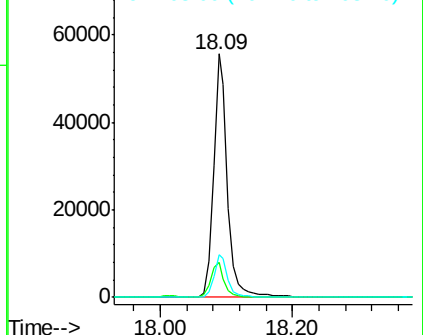
203 17.5 13.9 20.9



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: 20.21 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

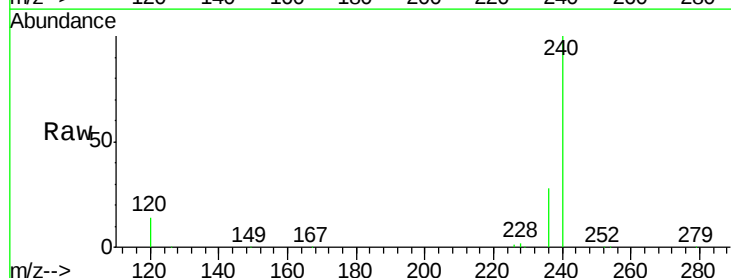
Tgt Ion:240 Resp: 206692

Ion Ratio Lower Upper

240 100

120 13.8 12.6 19.0

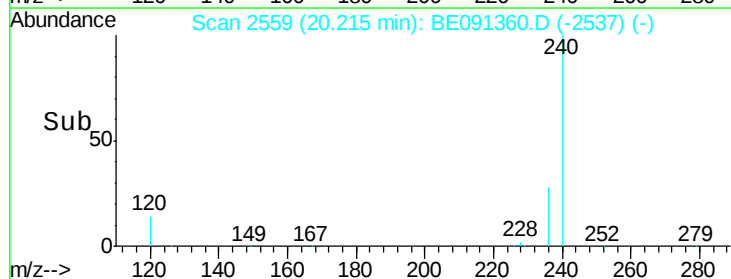
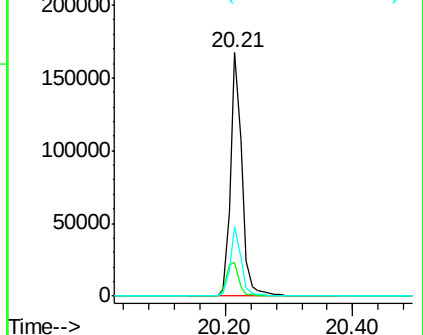
236 28.3 22.7 34.1

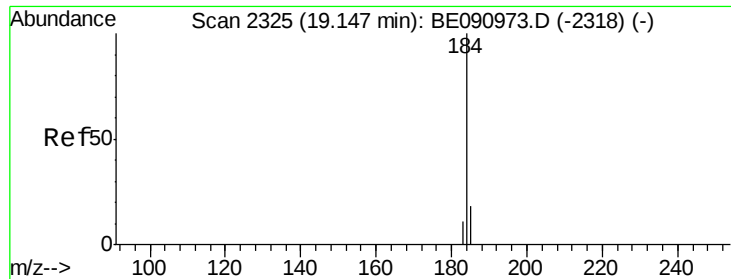


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.16 ng

RT: 18.48 min Scan# 2354

Delta R.T. -0.02 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

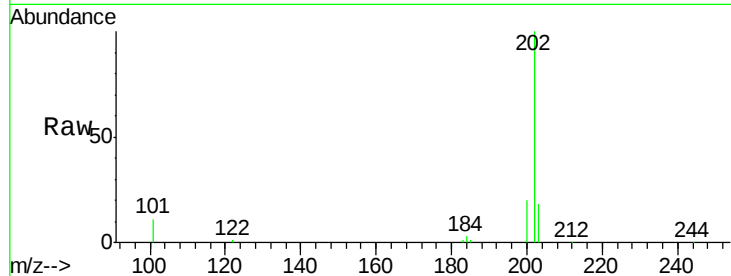
Tgt Ion:184 Resp: 4030

Ion Ratio Lower Upper

184 100

185 21.2 22.0 33.0#

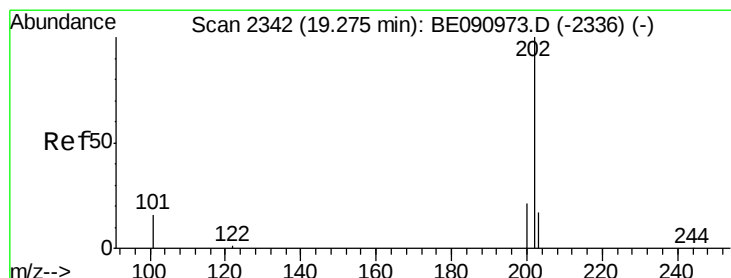
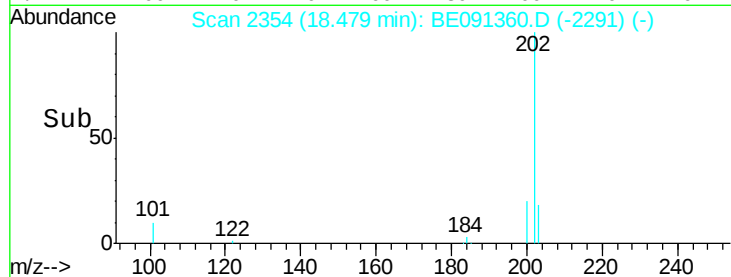
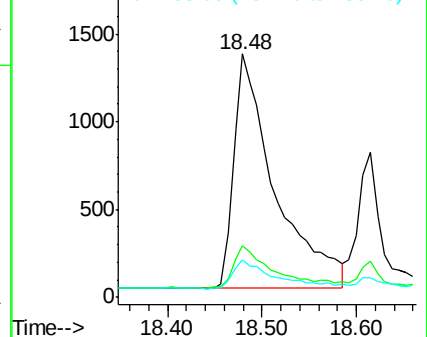
183 15.5 17.8 26.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 1.28 ng

RT: 18.47 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

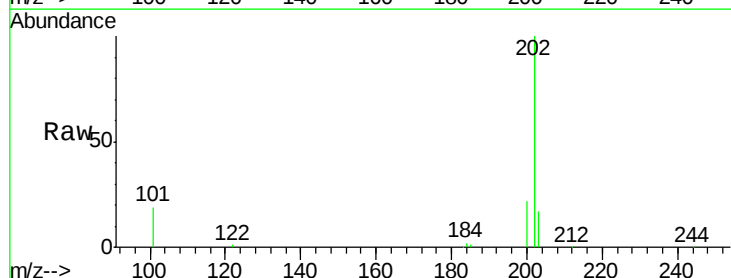
Tgt Ion:202 Resp: 64721

Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

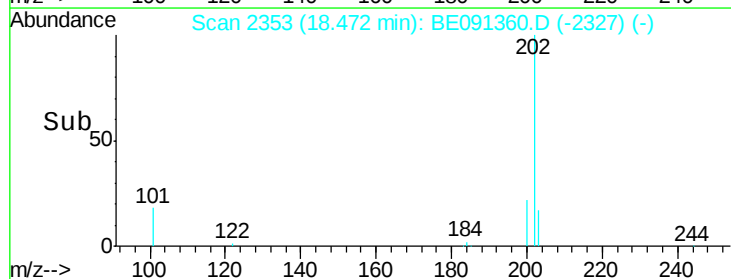
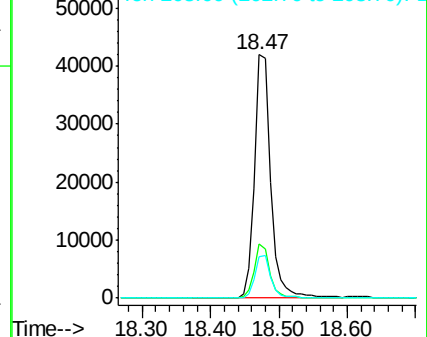
203 17.3 14.2 21.4

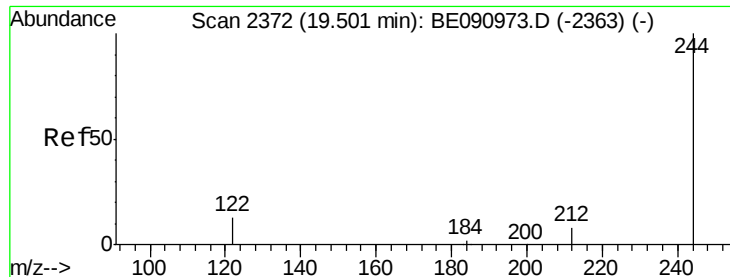


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.74 ng

RT: 18.61 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

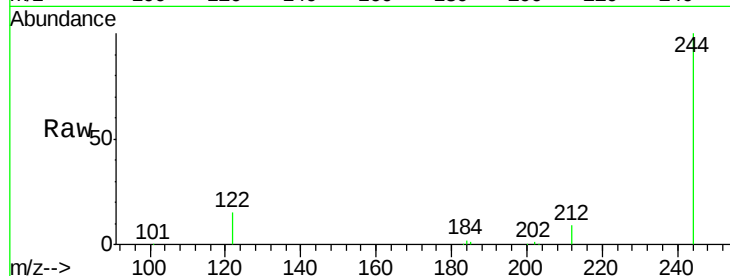
Tgt Ion:244 Resp: 43941

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

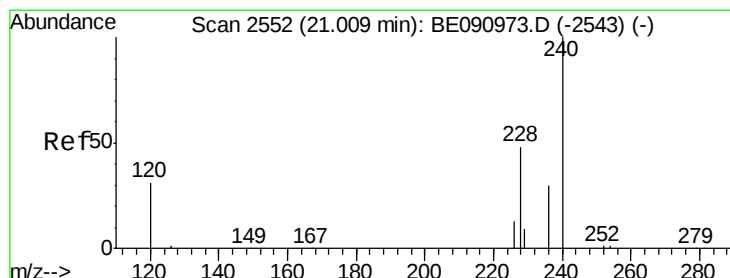
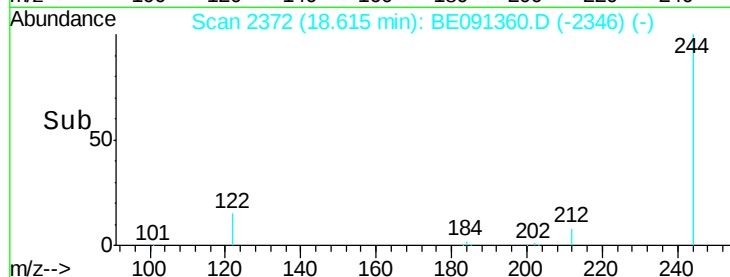
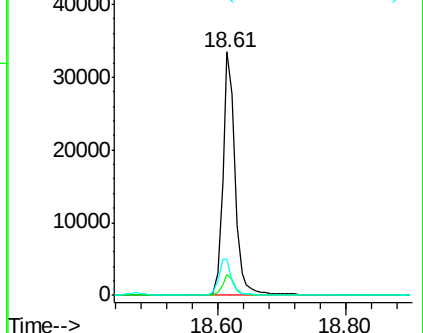
122 14.7 8.5 12.7#



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: 1.27 ng

RT: 20.19 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

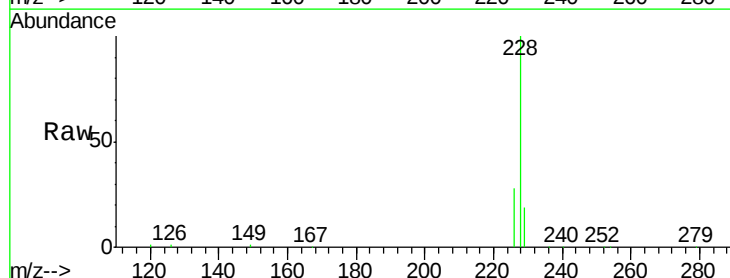
Tgt Ion:228 Resp: 58407

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

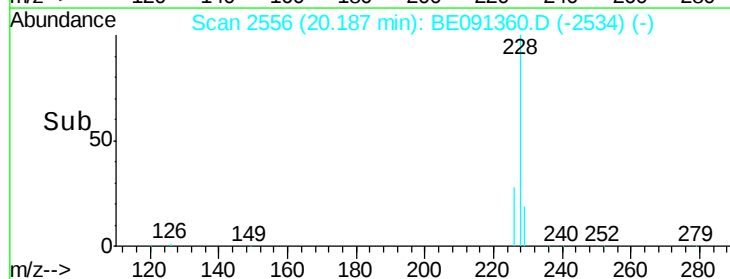
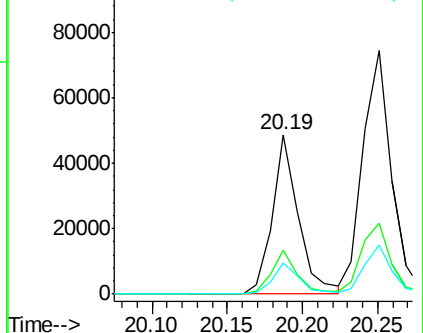
229 19.3 16.2 24.4

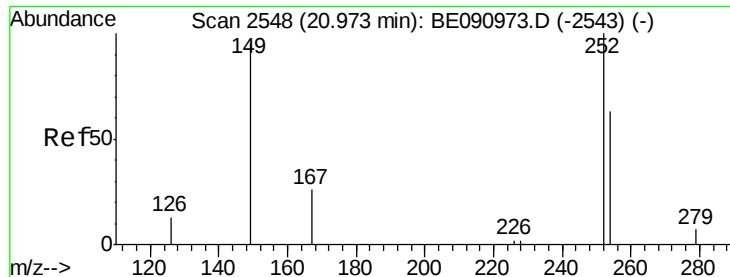


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

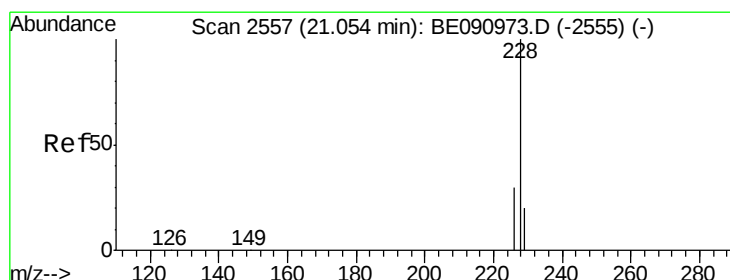
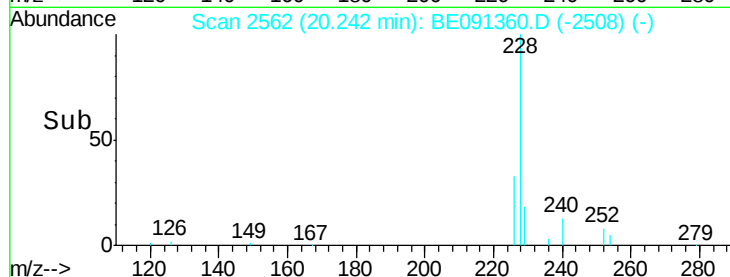
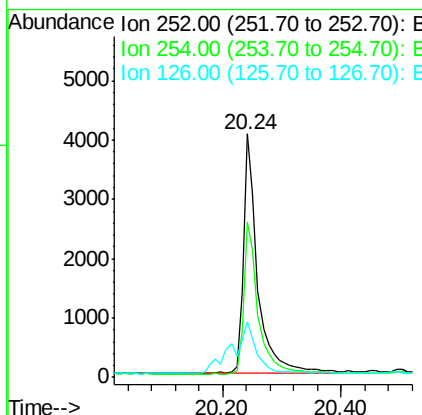
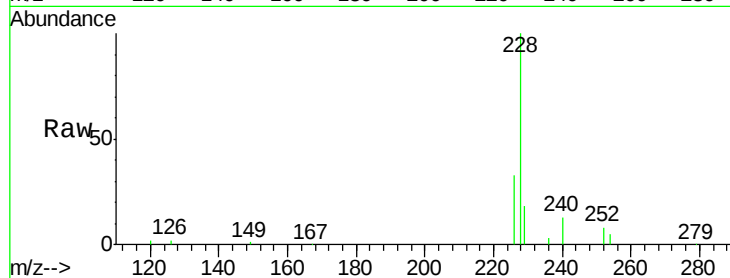




#31
 3,3'-Dichlorobenzidine
 Concen: 0.86 ng
 RT: 20.24 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BE091360.D
 Acq: 14 Jan 2016 20:52

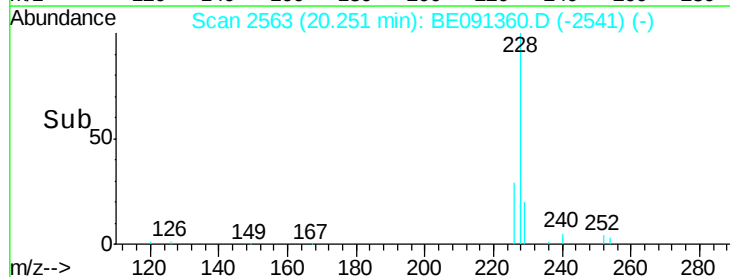
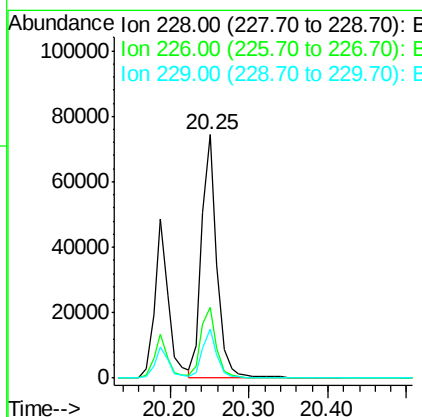
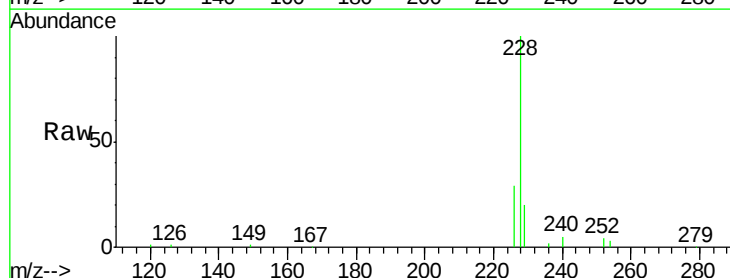
Instrument :
 BNA_E
 ClientSampled :
 SSTDICC002

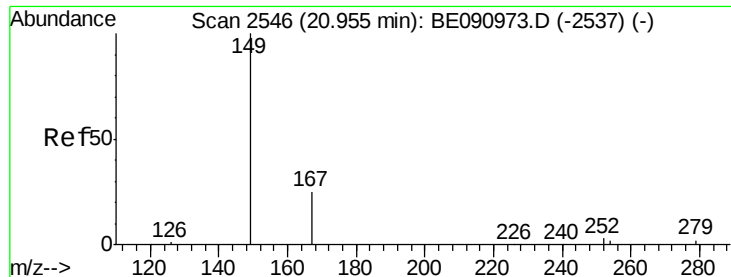
Tgt Ion:252 Resp: 6874
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.6 79.0
 126 23.0 21.4 32.0



#32
 Chrysene
 Concen: 1.62 ng
 RT: 20.25 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BE091360.D
 Acq: 14 Jan 2016 20:52

Tgt Ion:228 Resp: 99854
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.7 35.5
 229 19.9 16.0 24.0





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.63 ng

RT: 19.89 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

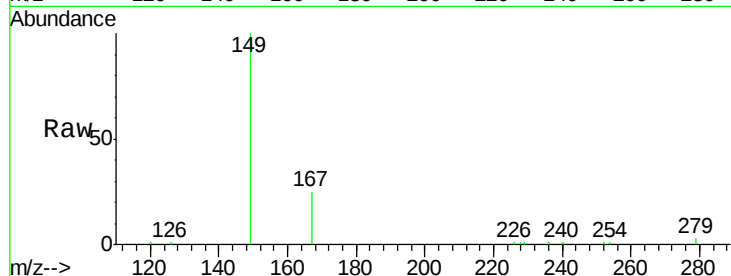
Tgt Ion:149 Resp: 11699

Ion Ratio Lower Upper

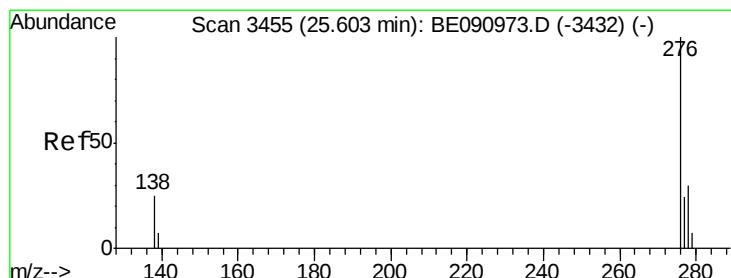
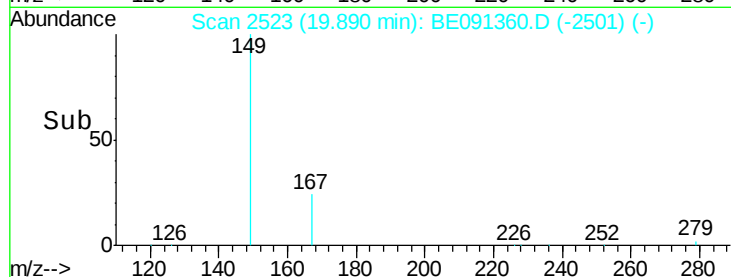
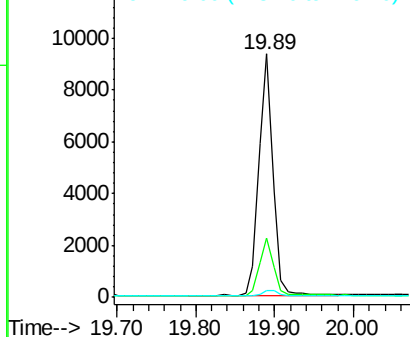
149 100

167 25.6 21.6 32.4

279 2.7 2.2 3.4



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: 1.30 ng

RT: 23.69 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

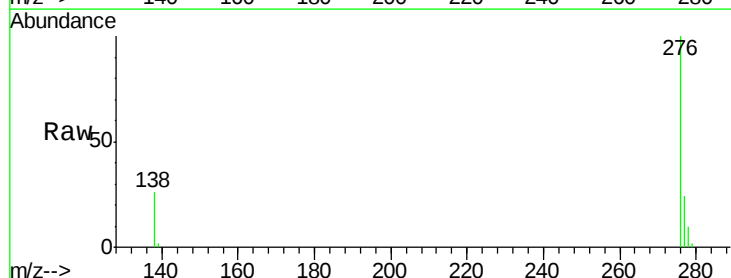
Tgt Ion:276 Resp: 62094

Ion Ratio Lower Upper

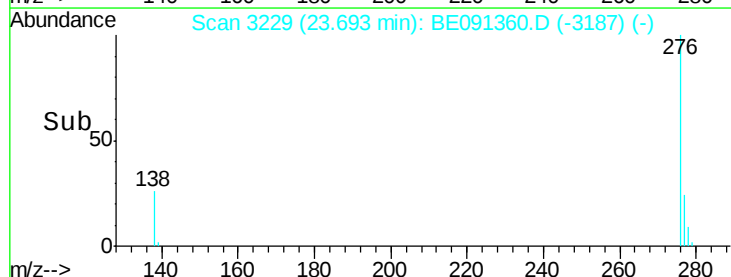
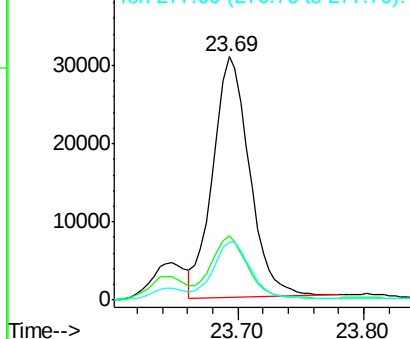
276 100

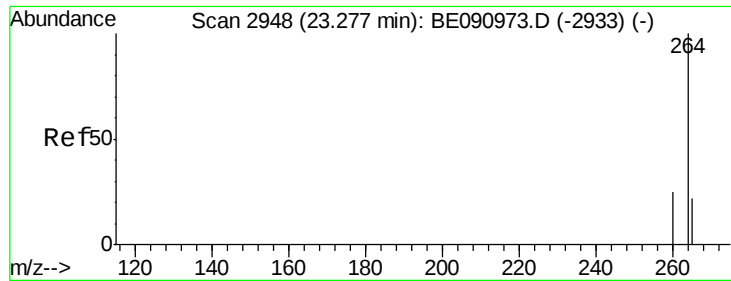
138 27.3 22.5 33.7

277 25.1 20.0 30.0



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

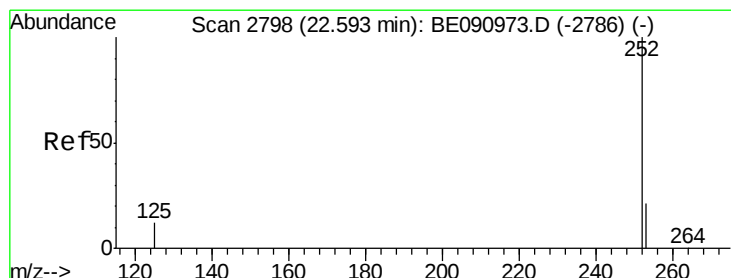
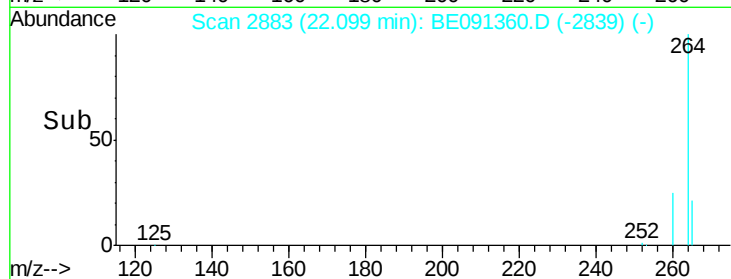
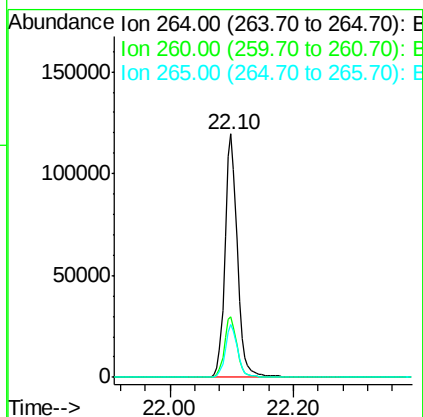
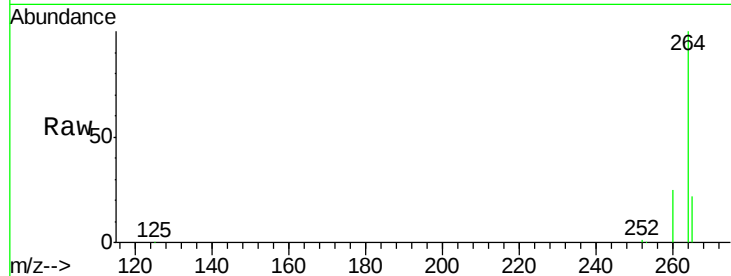




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 22.10 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BE091360.D
 Acq: 14 Jan 2016 20:52

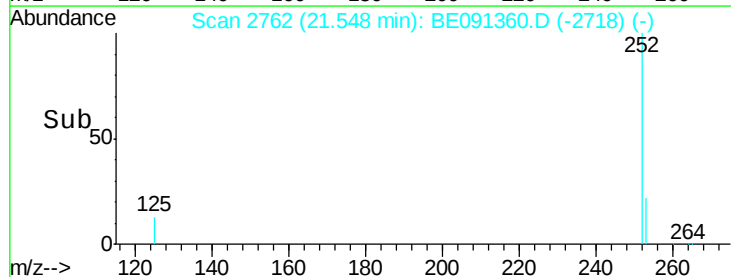
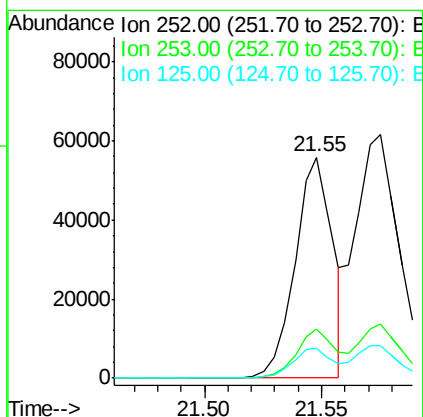
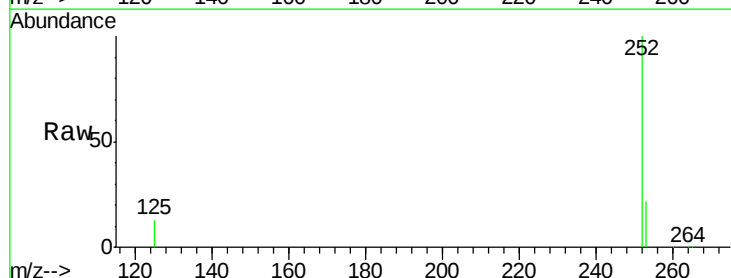
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC002

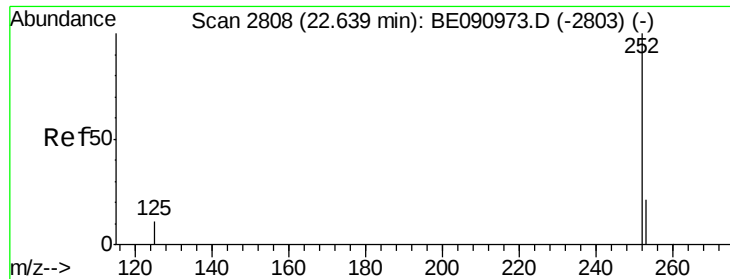
Tgt Ion: 264 Resp: 166558
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.4 30.6
 265 21.6 17.2 25.8



#36
 Benzo(b)fluoranthene
 Concen: 1.73 ng
 RT: 21.55 min Scan# 2762
 Delta R.T. -0.00 min
 Lab File: BE091360.D
 Acq: 14 Jan 2016 20:52

Tgt Ion: 252 Resp: 61926
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.2
 125 13.3 11.0 16.6





#37

Benzo(k)fluoranthene

Concen: 1.74 ng

RT: 21.58 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Instrument :

BNA_E

ClientSampleId :

SSTDIC002

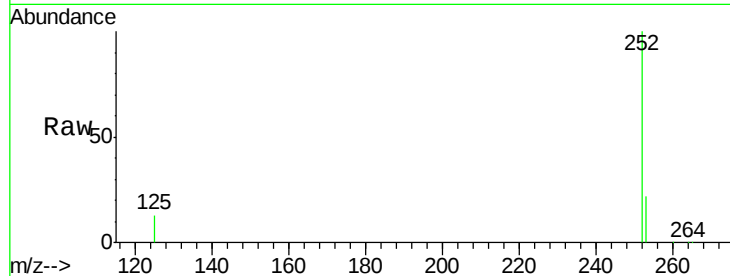
Tgt Ion:252 Resp: 84863

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

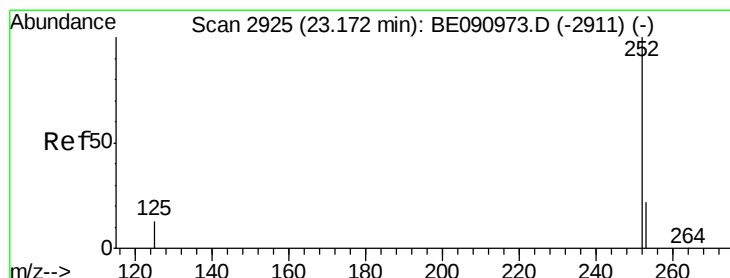
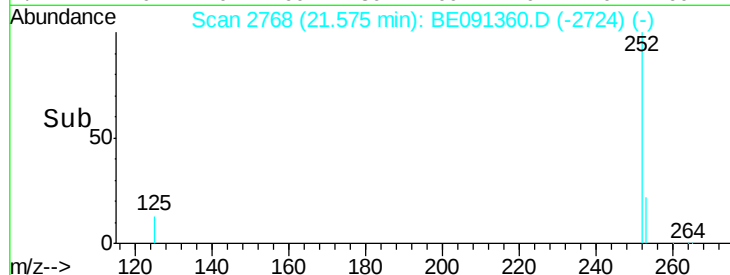
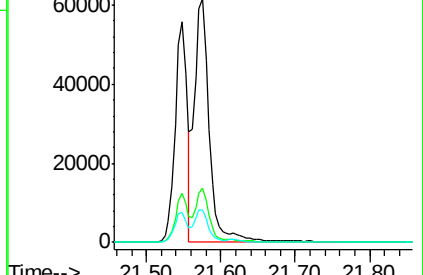
125 13.1 11.3 16.9



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: 2.07 ng

RT: 22.00 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

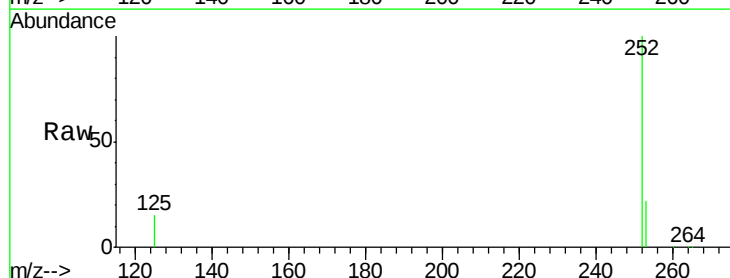
Tgt Ion:252 Resp: 70415

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

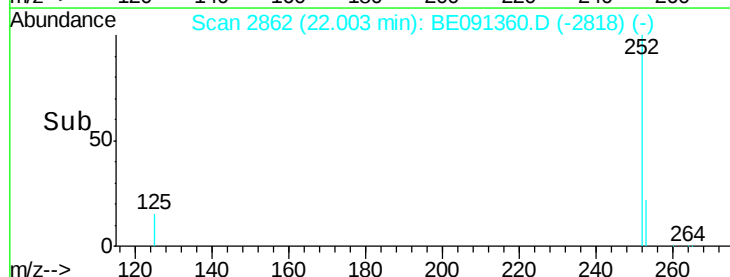
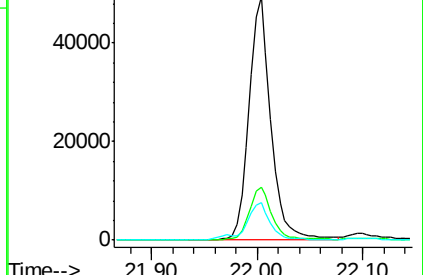
125 15.2 12.2 18.4

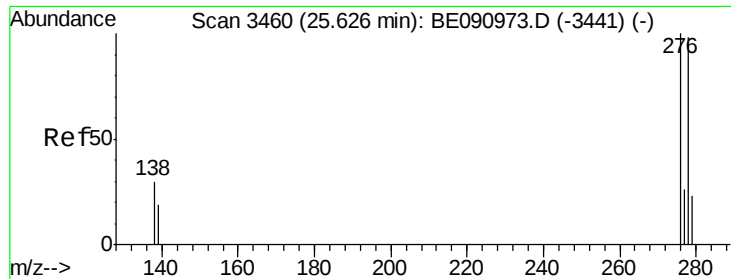


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 1.51 ng

RT: 23.65 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

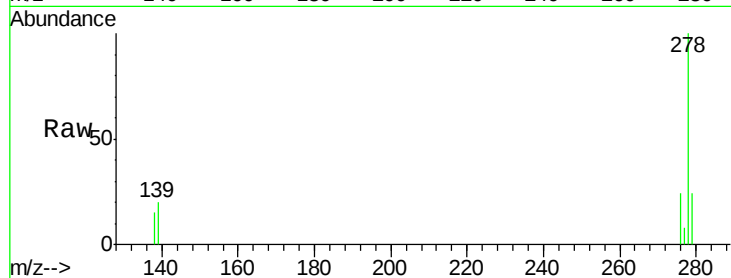
Tgt Ion: 278 Resp: 48575

Ion Ratio Lower Upper

278 100

139 20.5 16.3 24.5

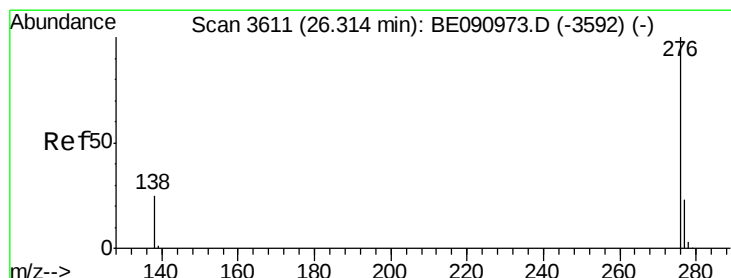
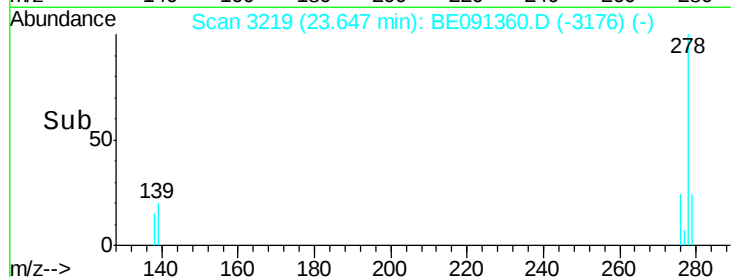
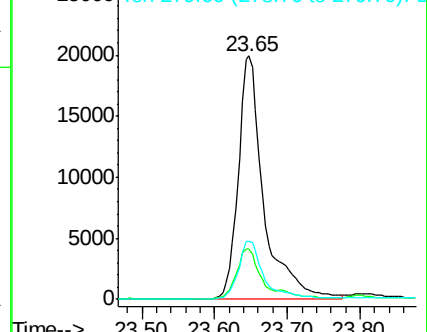
279 24.0 19.4 29.2



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: 1.71 ng

RT: 24.25 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BE091360.D

Acq: 14 Jan 2016 20:52

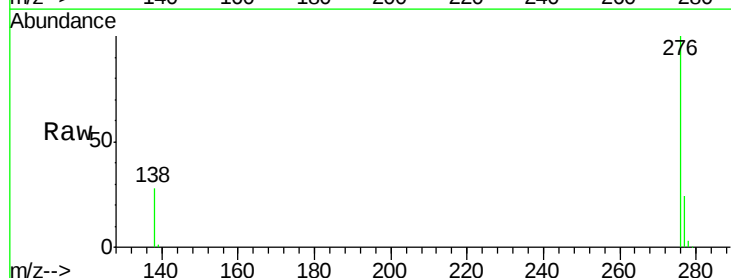
Tgt Ion: 276 Resp: 60819

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.6

138 27.8 23.3 34.9



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

