

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
 Data File : BE091699.D
 Acq On : 26 Apr 2016 11:33
 Operator : UM/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Apr 26 13:15:22 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 13:13:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	36911	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	170292	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	101339	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	262310	5.00	ng	0.00
26) Chrysene-d12	21.31	240	315947	5.00	ng	0.00
35) Perylene-d12	23.75	264	296727	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3515	0.43	ng	0.00
5) Phenol-d6	6.95	99	4529	0.41	ng	0.00
8) Nitrobenzene-d5	8.95	82	4103	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	1827	0.77	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	11322	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	19276	0.38	ng	0.00

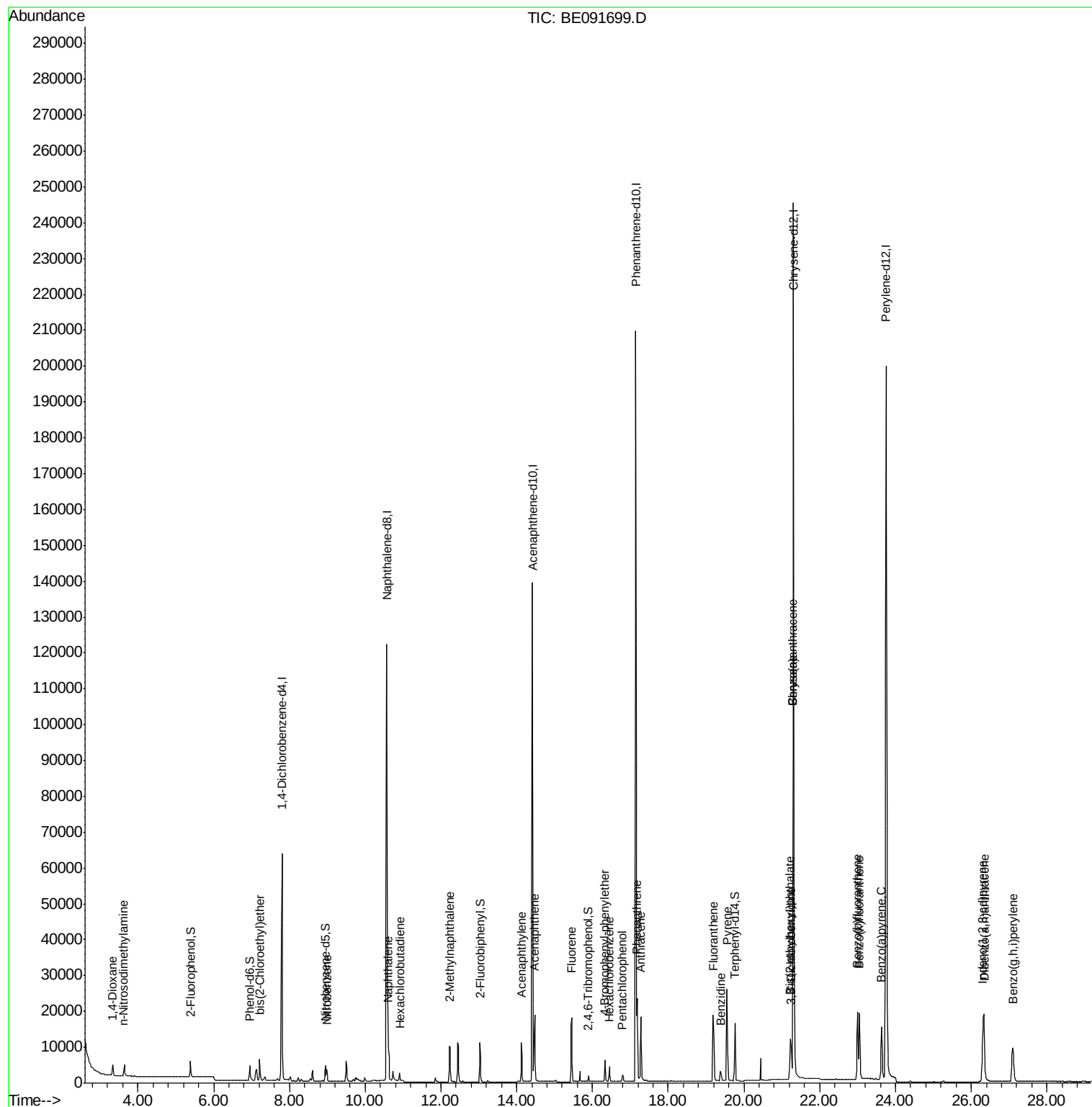
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	2245	0.49	ng	91
3) n-Nitrosodimethylamine	3.63	42	2626	0.50	ng	95
6) bis(2-Chloroethyl)ether	7.21	93	4276	0.43	ng	# 77
9) Nitrobenzene	8.99	77	4237	0.47	ng	96
10) Naphthalene	10.61	128	13955	0.40	ng	97
11) Hexachlorobutadiene	10.92	225	2554	0.51	ng	89
12) 2-Methylnaphthalene	12.24	142	8838	0.40	ng	# 89
16) Acenaphthylene	14.12	152	16087	0.40	ng	# 77
17) Acenaphthene	14.47	154	10074	0.40	ng	88
18) Fluorene	15.46	166	12588	0.41	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	3819	0.43	ng	95
21) Hexachlorobenzene	16.45	284	3770	0.39	ng	97
22) Pentachlorophenol	16.79	266	1510	0.48	ng	92
23) Phenanthrene	17.18	178	24404	0.41	ng	99
24) Anthracene	17.28	178	21140	0.40	ng	98
25) Fluoranthene	19.19	202	25215	0.43	ng	97
27) Benzidine	19.38	184	5848	0.32	ng	# 79
28) Pyrene	19.55	202	27581	0.38	ng	100
30) Benzo(a)anthracene	21.29	228	30157	0.39	ng	96
31) 3,3'-Dichlorobenzidine	21.24	252	13662	0.42	ng	# 77
32) Chrysene	21.29	228	30156	0.36	ng	# 92
33) Bis(2-ethylhexyl)phthalate	21.22	149	7209	0.49	ng	# 86
34) Indeno(1,2,3-cd)pyrene	26.31	276	29113	0.39	ng	96
36) Benzo(b)fluoranthene	23.00	252	26988	0.38	ng	98
37) Benzo(k)fluoranthene	23.04	252	27097	0.39	ng	99
38) Benzo(a)pyrene	23.63	252	24806	0.40	ng	100
39) Dibenzo(a,h)anthracene	26.34	278	24079	0.38	ng	# 95
40) Benzo(g,h,i)perylene	27.10	276	24377	0.38	ng	96

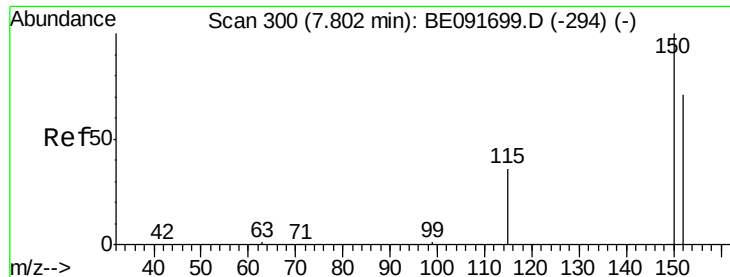
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

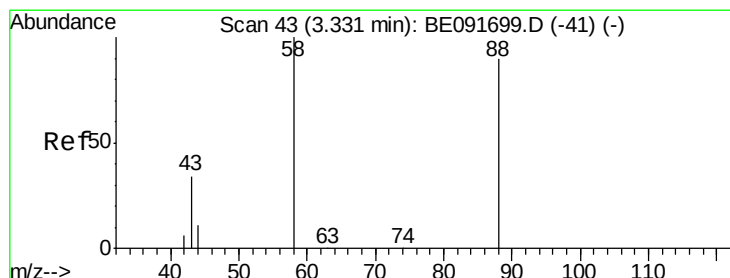
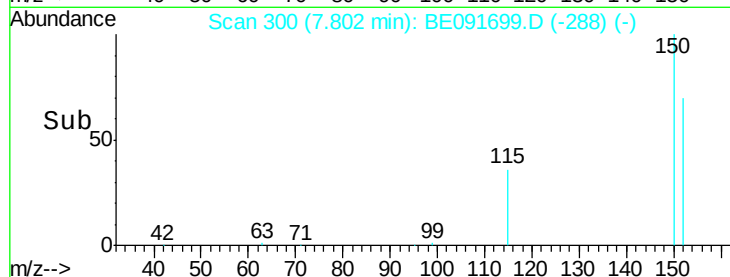
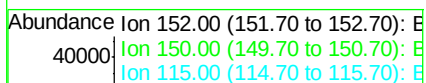
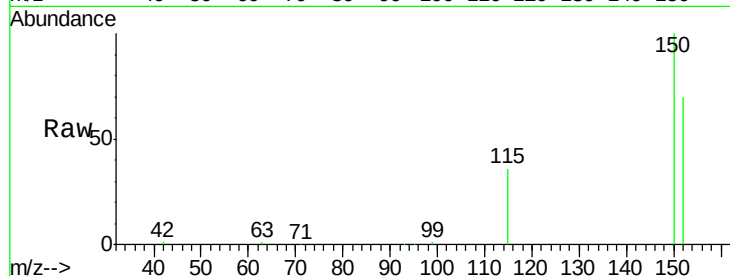
Tot Ion:152 Resp: 36911

Ion Ratio Lower Upper

152 100

150 142.1 122.6 183.8

115 51.2 52.8 79.2#



#2

1,4-Dioxane

Concen: 0.49 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

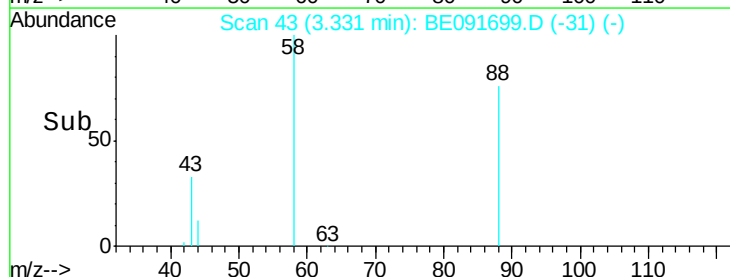
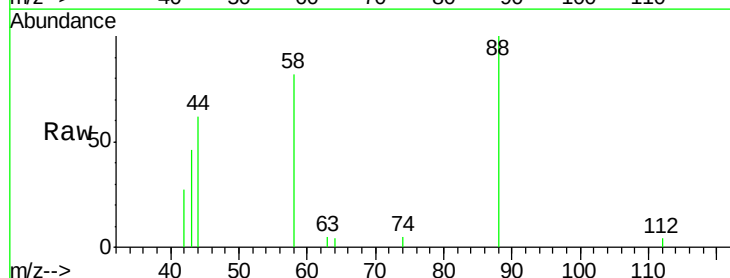
Tgt Ion: 88 Resp: 2245

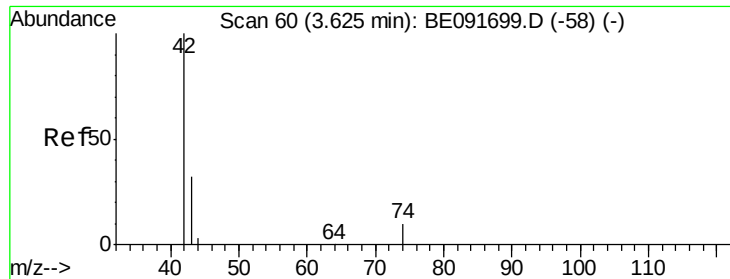
Ion Ratio Lower Upper

88 100

58 72.2 65.8 98.6

43 30.2 25.3 37.9





#3

n-Nitrosodimethylamine

Concen: 0.50 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

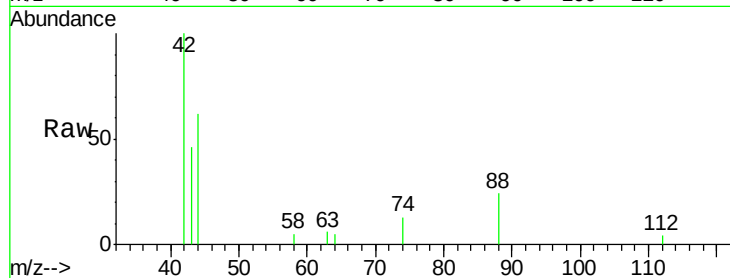
Tot Ion: 42 Resp: 2626

Ion Ratio Lower Upper

42 100

74 104.6 87.9 131.9

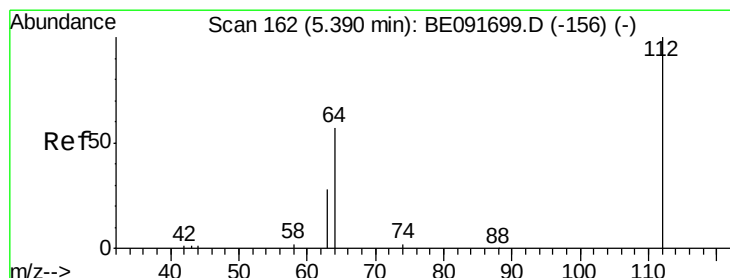
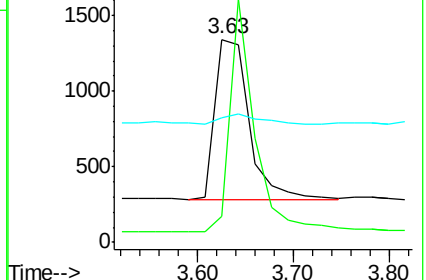
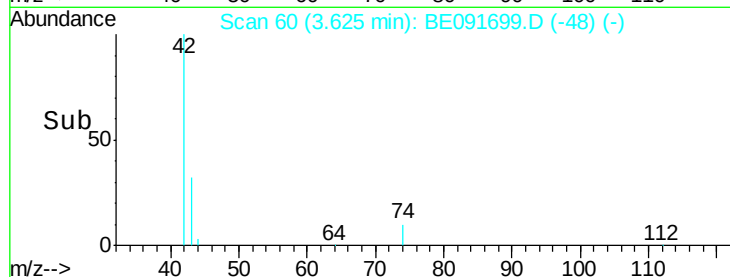
44 8.4 6.6 9.8



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: 0.43 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

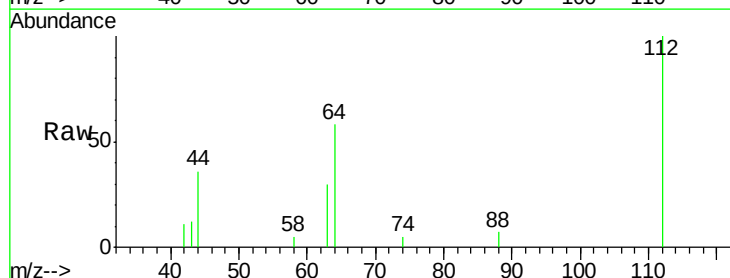
Tgt Ion: 112 Resp: 3515

Ion Ratio Lower Upper

112 100

64 66.9 30.9 46.3#

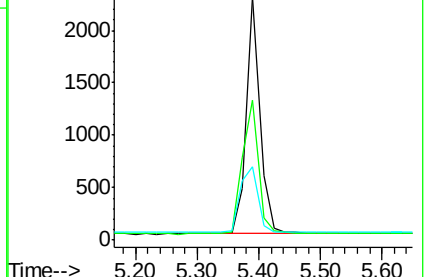
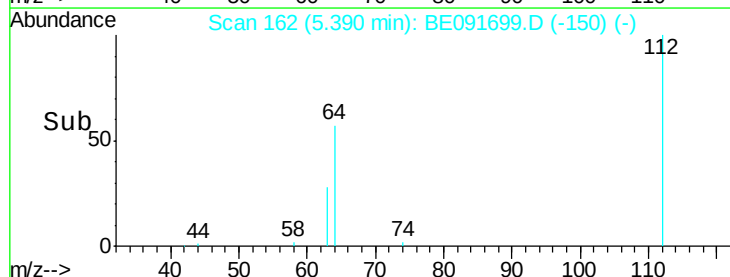
63 36.8 16.7 25.1#

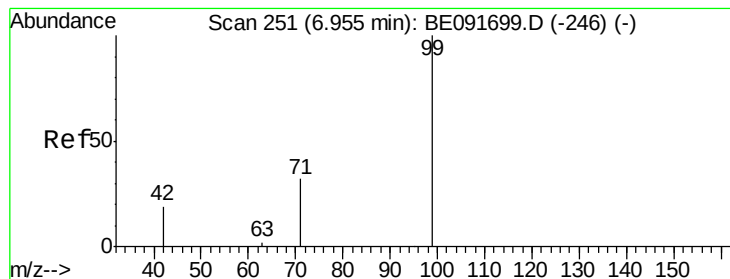


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.41 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

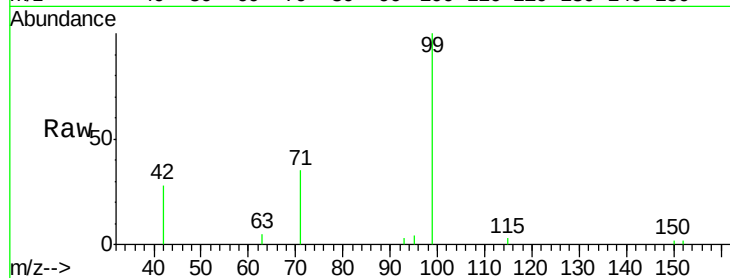
Tot Ion: 99 Resp: 4529

Ion Ratio Lower Upper

99 100

42 27.6 16.2 24.2#

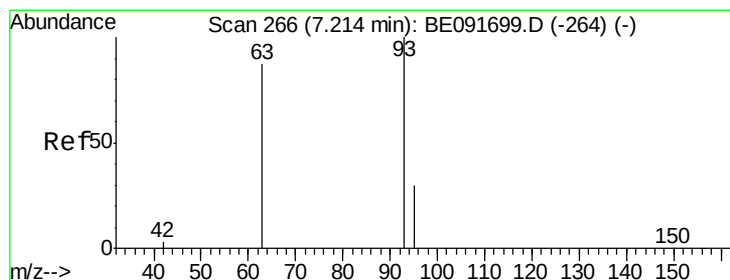
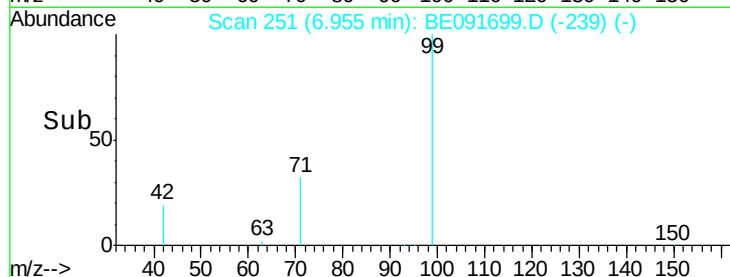
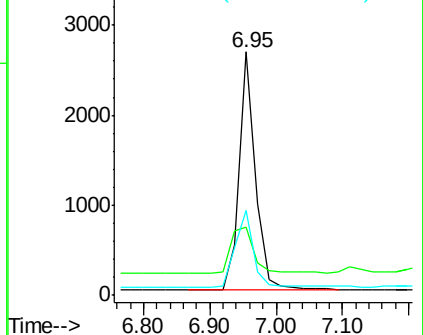
71 36.3 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.43 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

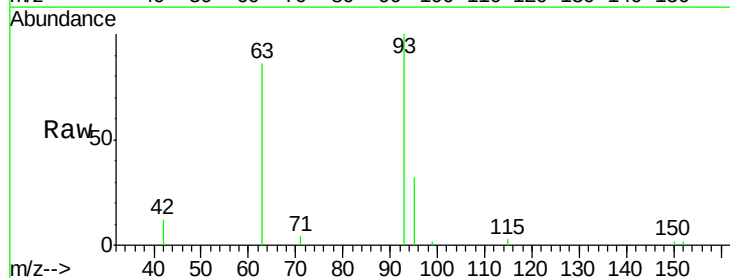
Tgt Ion: 93 Resp: 4276

Ion Ratio Lower Upper

93 100

63 85.5 49.5 74.3#

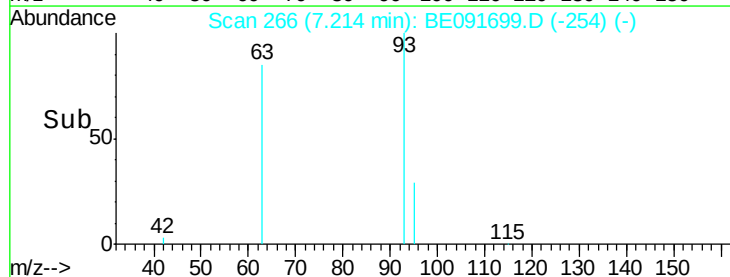
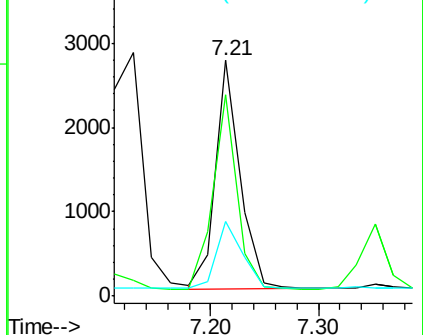
95 31.3 22.2 33.4

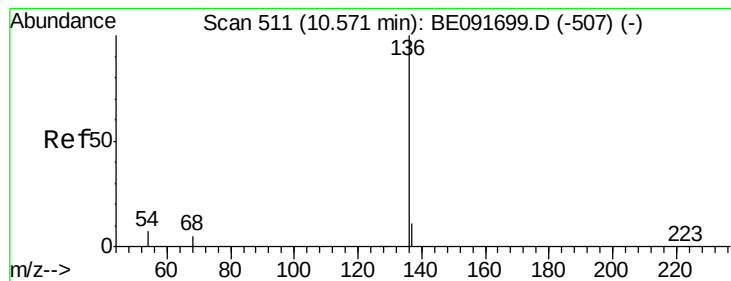


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 170292

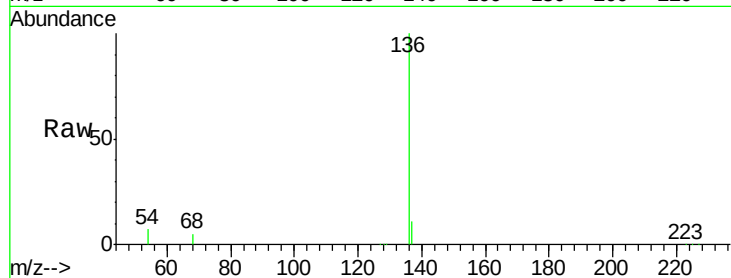
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 8.2 12.4#

68 5.2 6.2 9.4#

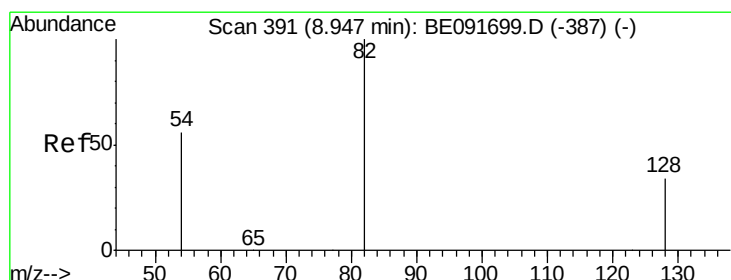
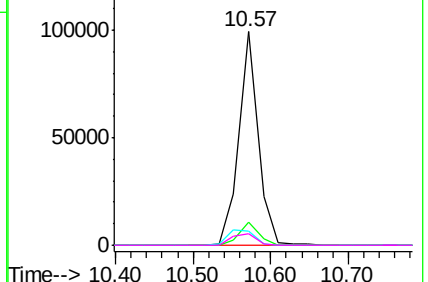
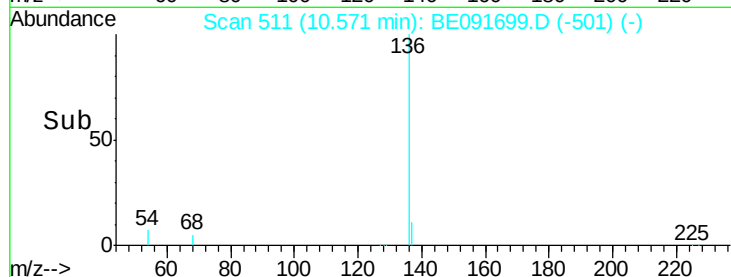


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.45 ng

RT: 8.95 min Scan# 391

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

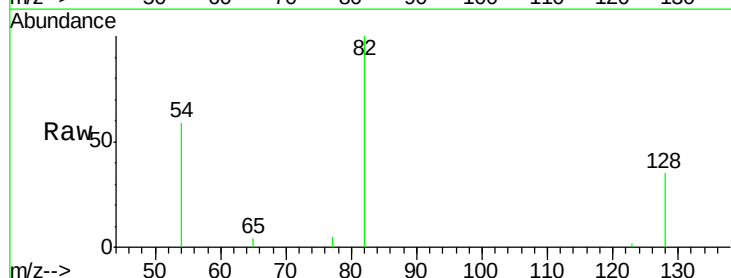
Tgt Ion: 82 Resp: 4103

Ion Ratio Lower Upper

82 100

128 35.4 25.4 38.0

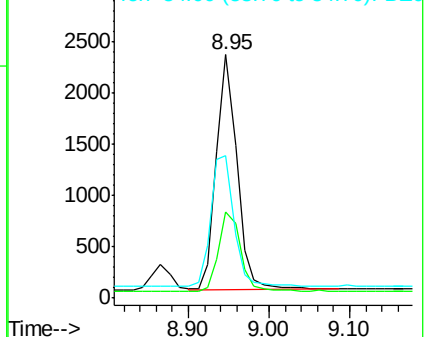
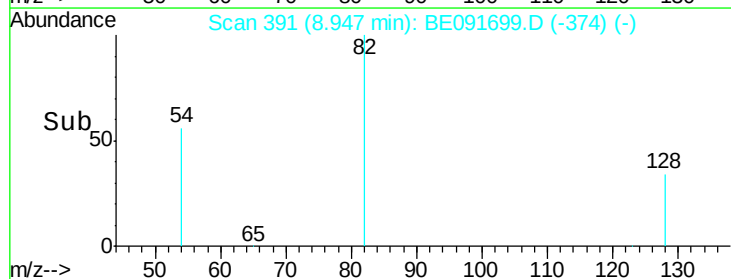
54 58.7 48.4 72.6

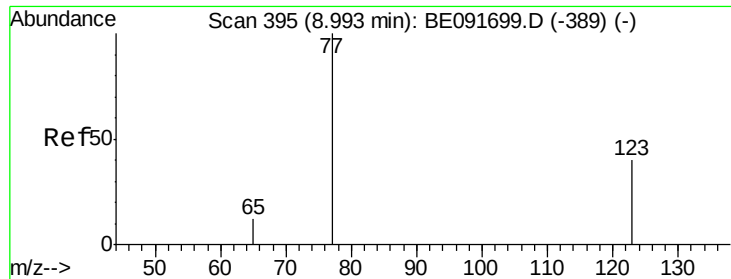


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.47 ng

RT: 8.99 min Scan# 395

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

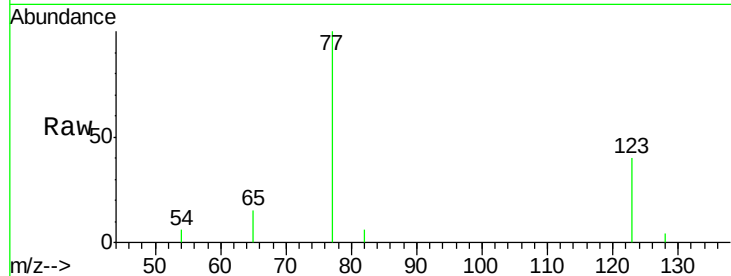
Tot Ion: 77 Resp: 4237

Ion Ratio Lower Upper

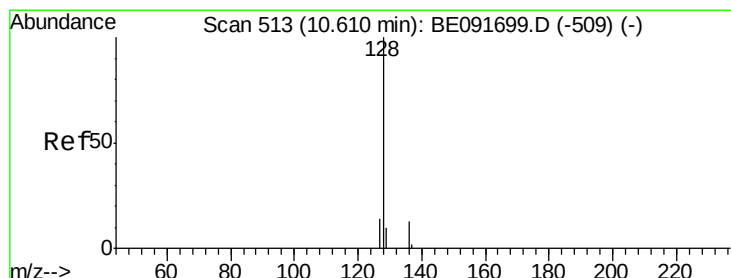
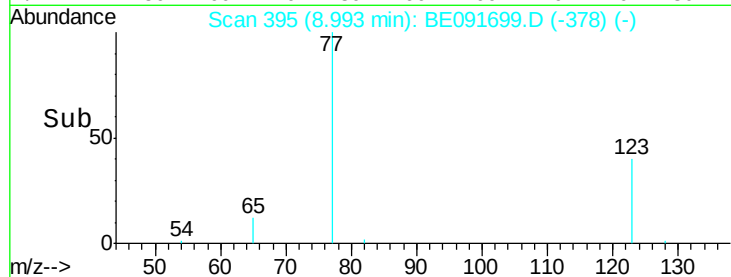
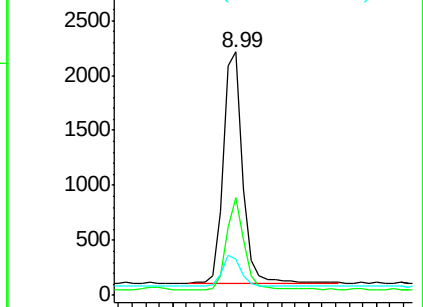
77 100

123 36.2 26.9 40.3

65 13.5 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0



#10

Naphthalene

Concen: 0.40 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

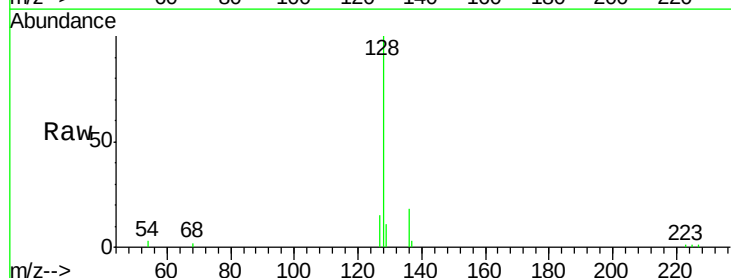
Tgt Ion: 128 Resp: 13955

Ion Ratio Lower Upper

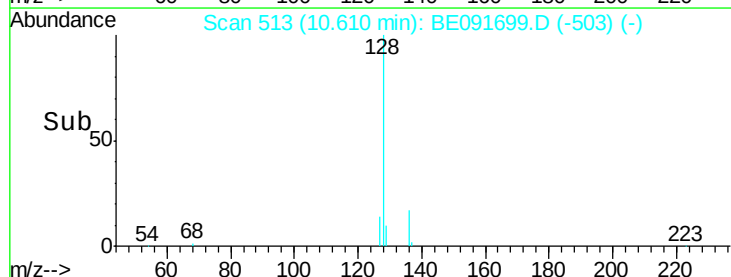
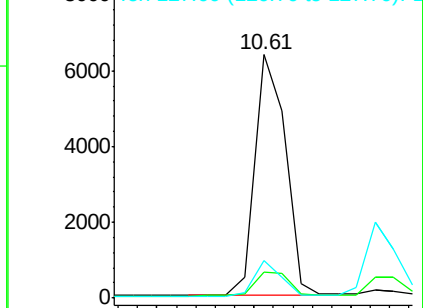
128 100

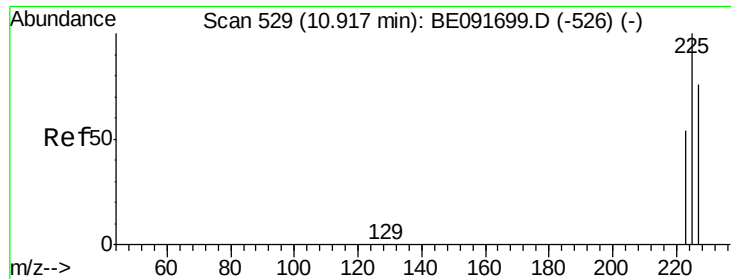
129 10.9 9.3 13.9

127 15.2 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): BE
Ion 129.00 (128.70 to 129.70): BE
Ion 127.00 (126.70 to 127.70): BE

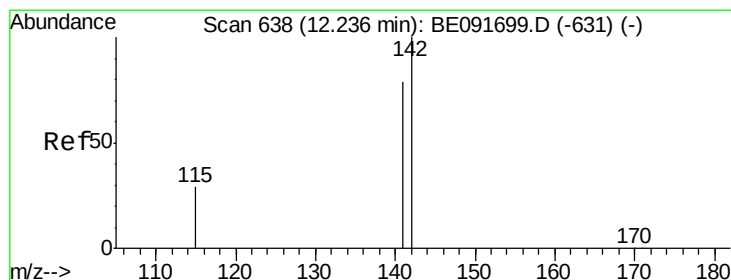
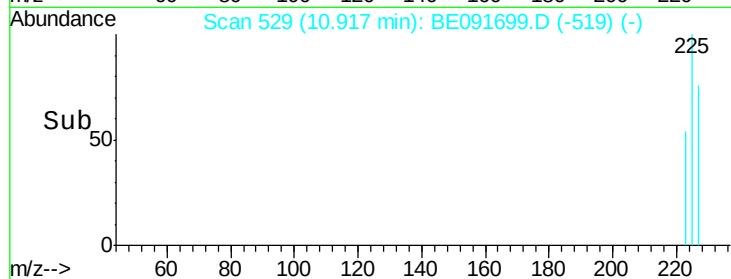
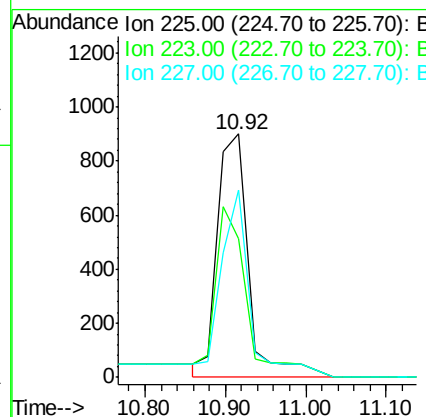
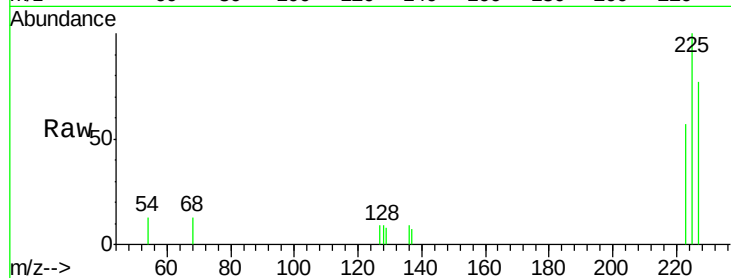




#11
Hexachlorobutadiene
Concen: 0.51 ng
RT: 10.92 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

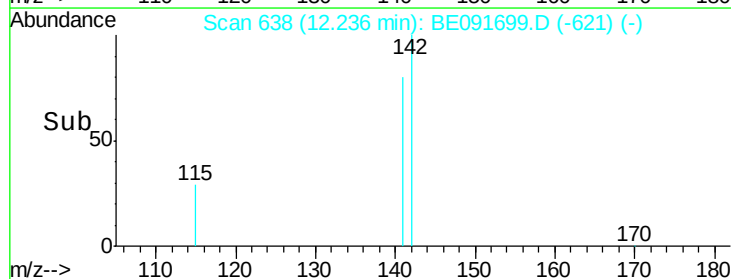
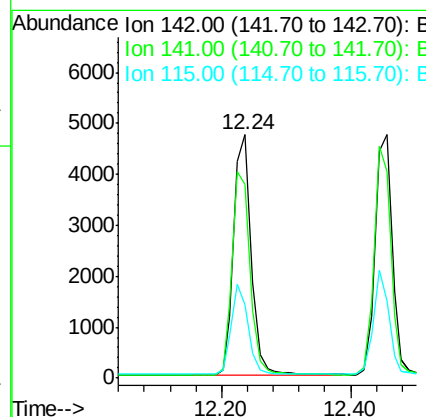
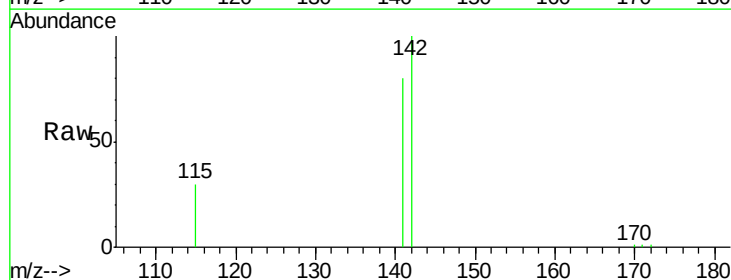
Instrument :
BNA_E
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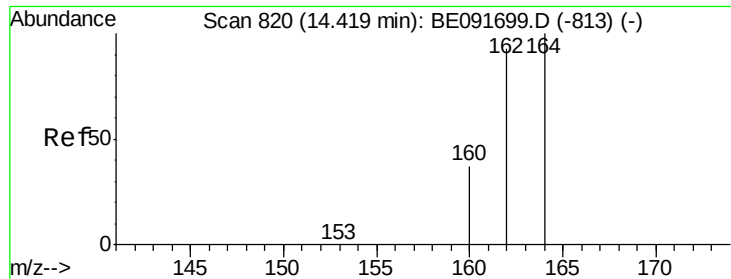
Tot Ion:225 Resp: 2554
Ion Ratio Lower Upper
225 100
223 70.4 49.0 73.6
227 70.7 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion:142 Resp: 8838
Ion Ratio Lower Upper
142 100
141 79.5 71.4 107.0
115 30.1 30.3 45.5#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

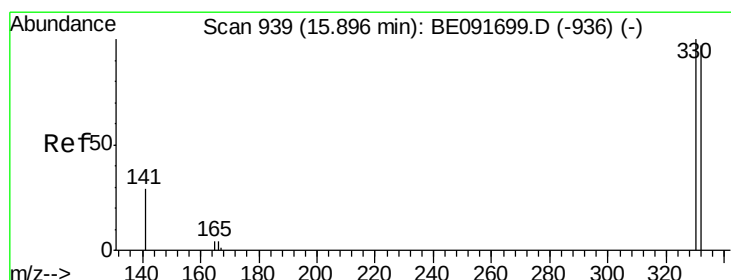
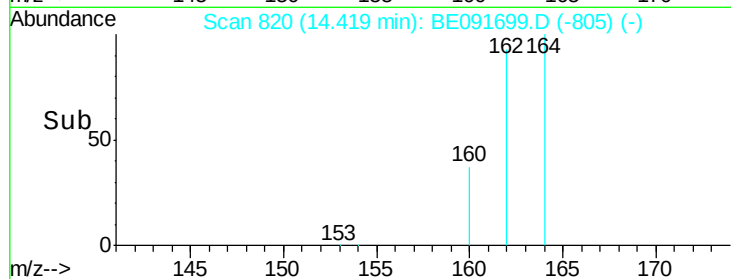
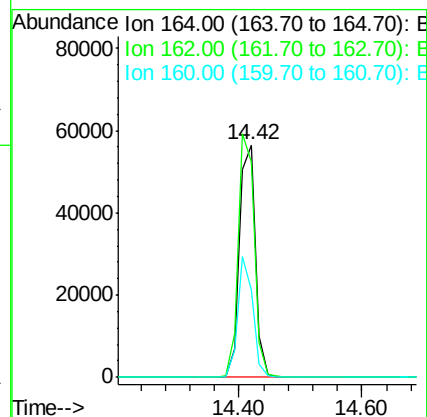
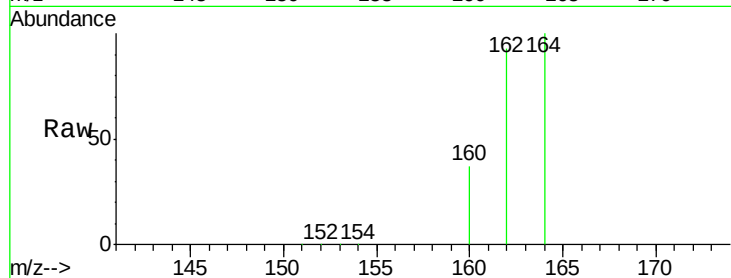
Tot Ion:164 Resp: 101339

Ion Ratio Lower Upper

164 100

162 92.8 85.3 127.9

160 37.5 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 0.77 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

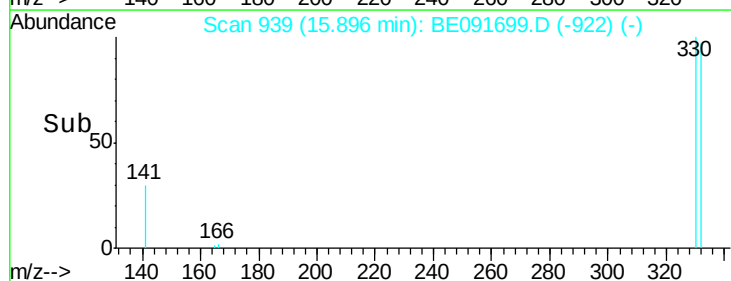
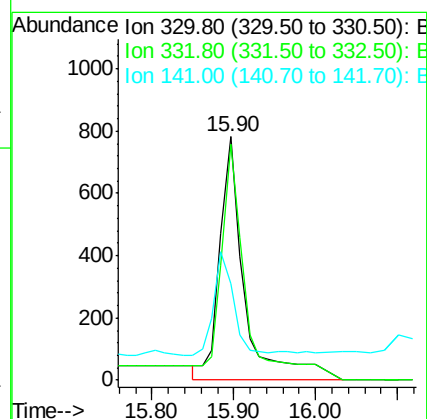
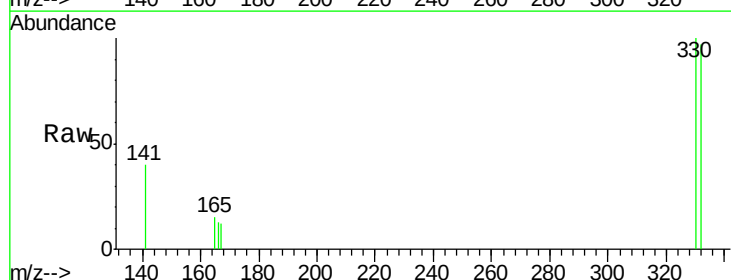
Tgt Ion:330 Resp: 1827

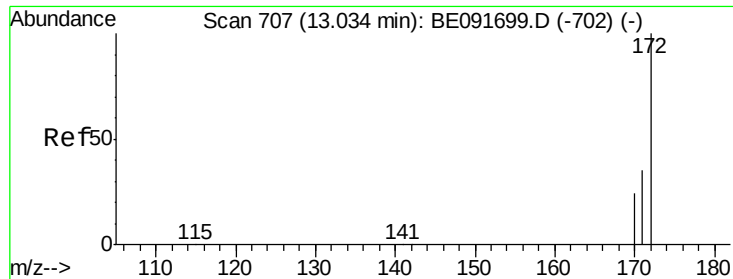
Ion Ratio Lower Upper

330 100

332 96.8 79.1 118.7

141 31.3 125.4 188.0#

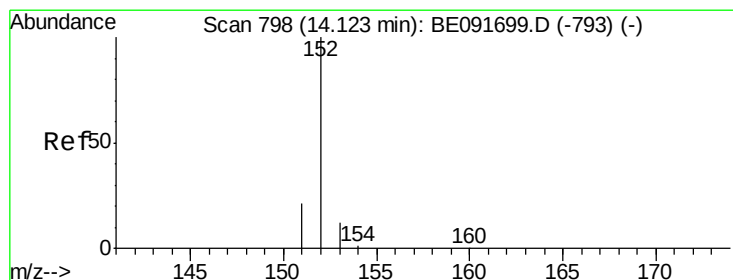
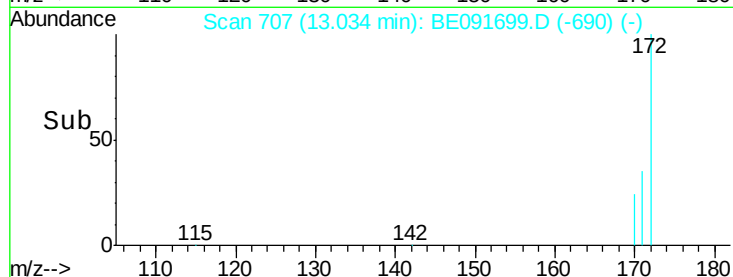
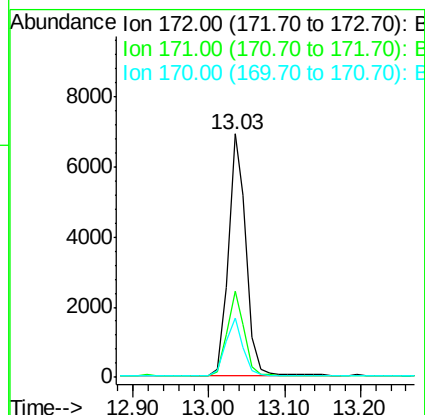
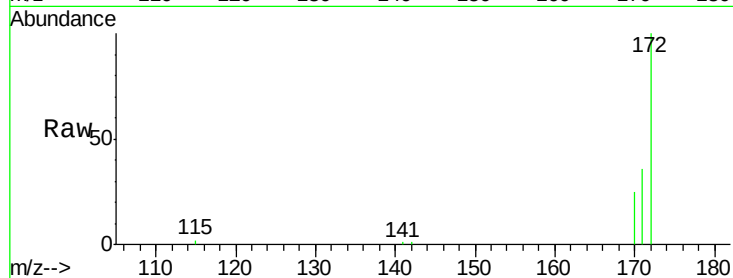




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

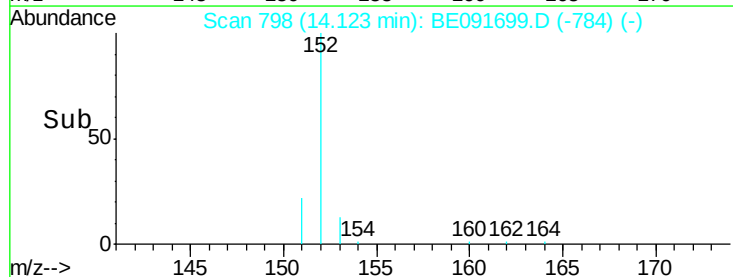
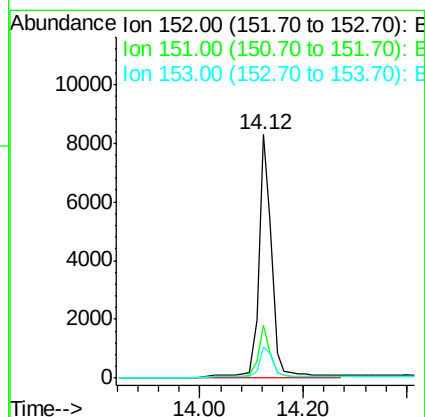
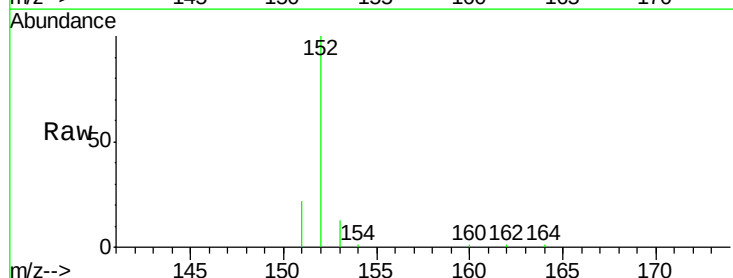
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

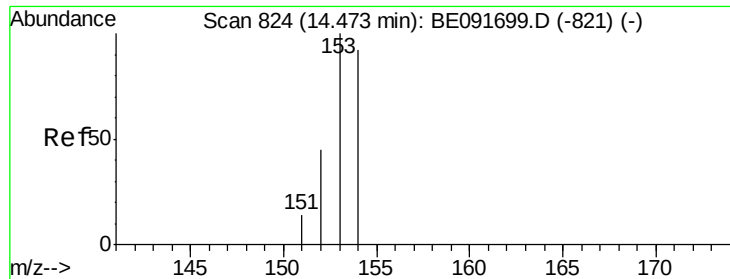
Tot Ion:172 Resp: 11322
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.6 19.3 28.9



#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion:152 Resp: 16087
Ion Ratio Lower Upper
152 100
151 23.2 3.9 5.9#
153 17.4 10.3 15.5#

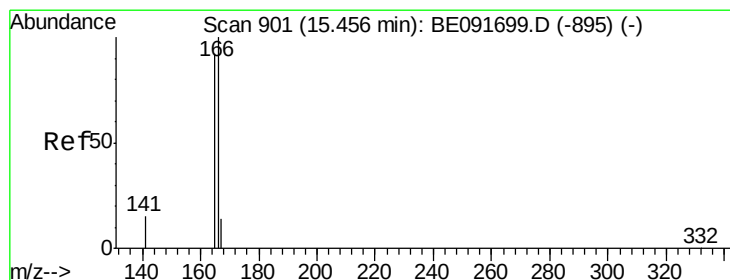
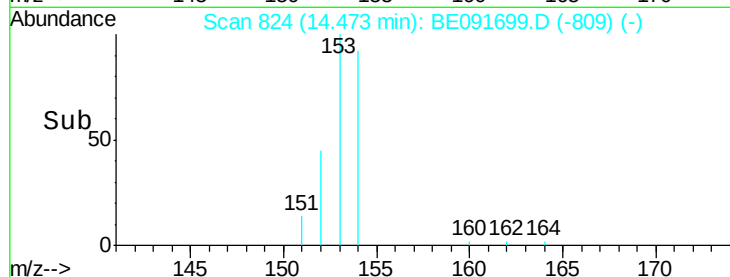
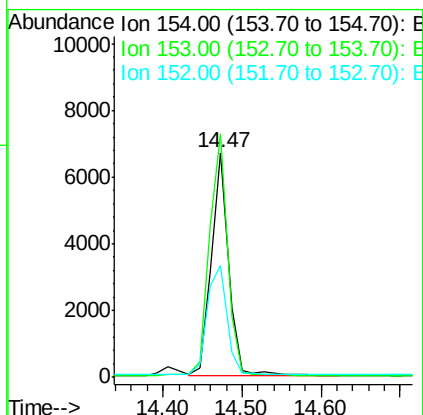
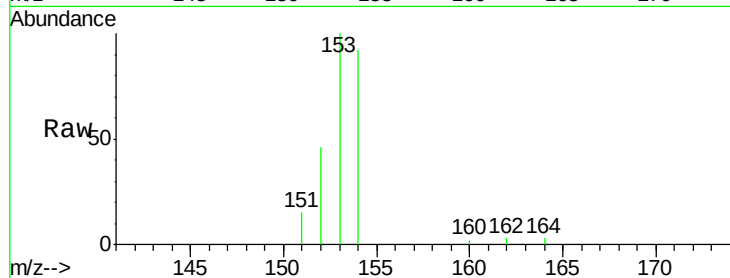




#17
Acenaphthene
Concen: 0.40 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

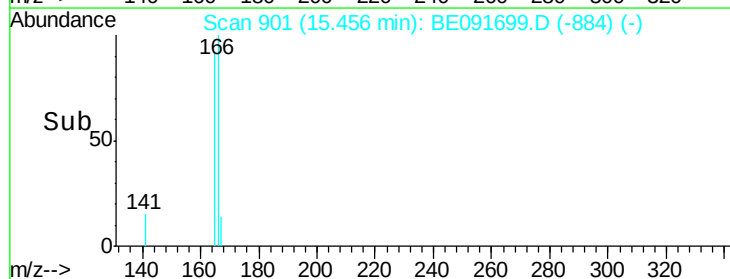
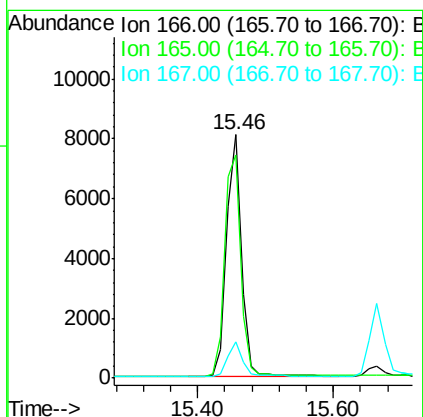
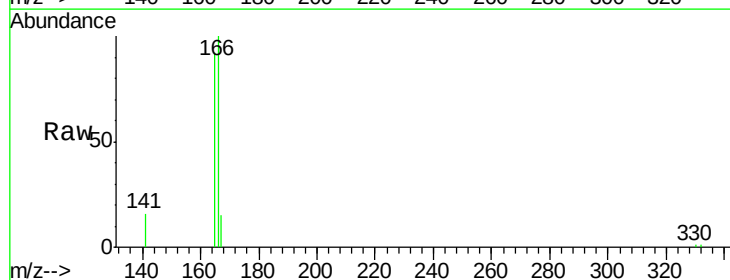
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

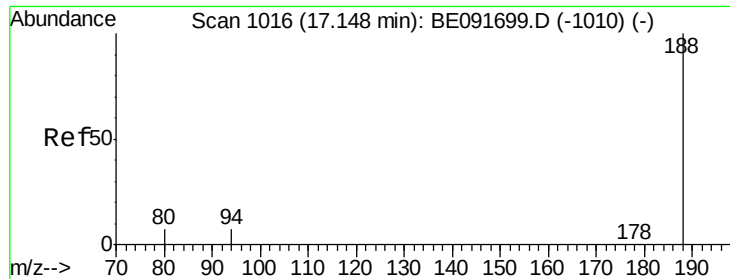
Tot Ion:154 Resp: 10074
Ion Ratio Lower Upper
154 100
153 113.2 80.0 120.0
152 56.5 40.0 60.0



#18
Fluorene
Concen: 0.41 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion:166 Resp: 12588
Ion Ratio Lower Upper
166 100
165 99.8 80.8 121.2
167 14.0 10.9 16.3

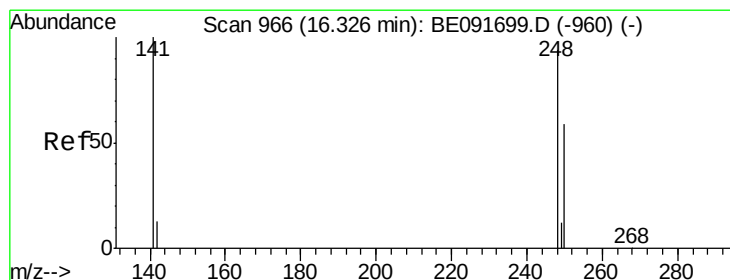
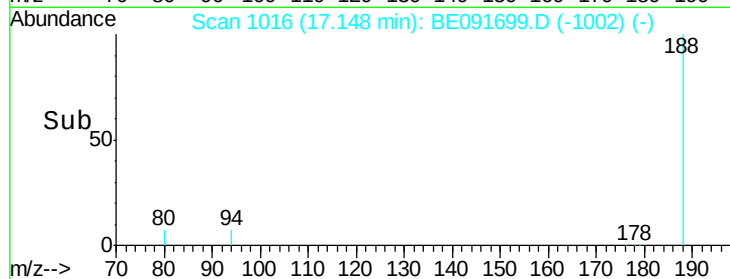
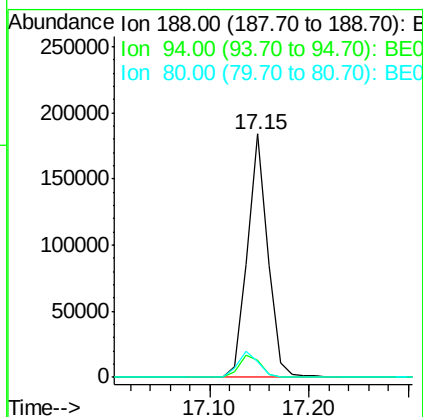
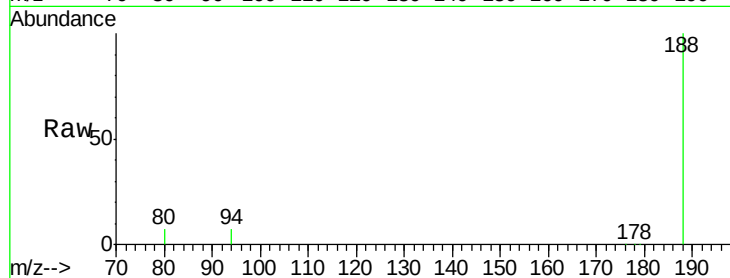




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

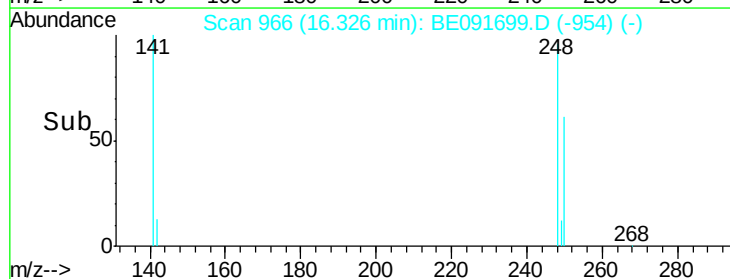
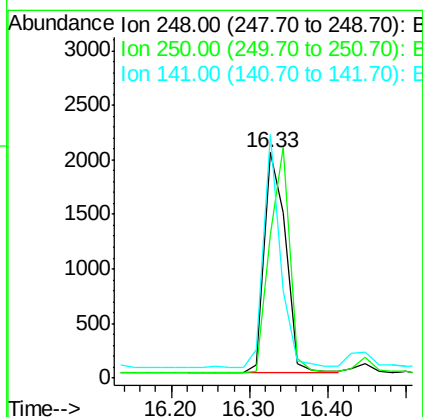
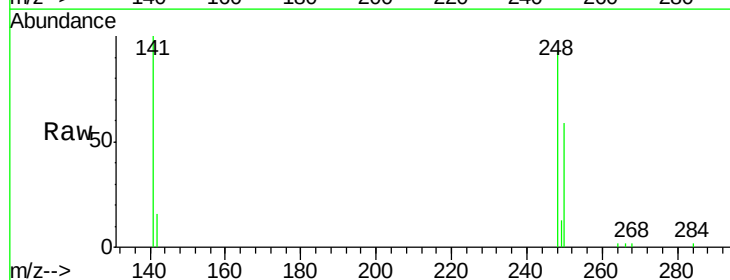
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

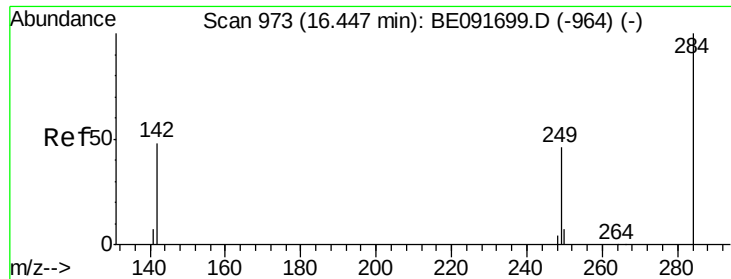
Tot Ion:188 Resp: 262310
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 6.6 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.43 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion:248 Resp: 3819
Ion Ratio Lower Upper
248 100
250 96.0 80.5 120.7
141 85.4 72.0 108.0

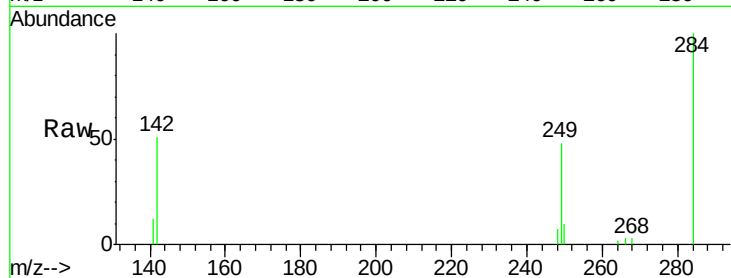




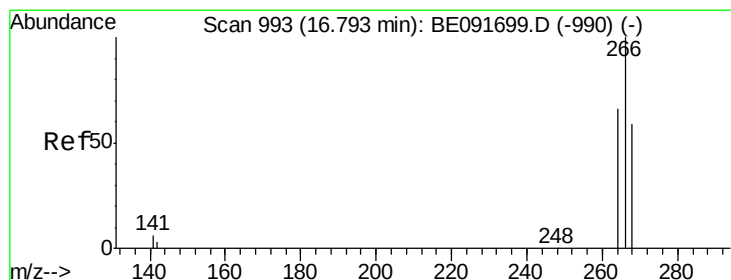
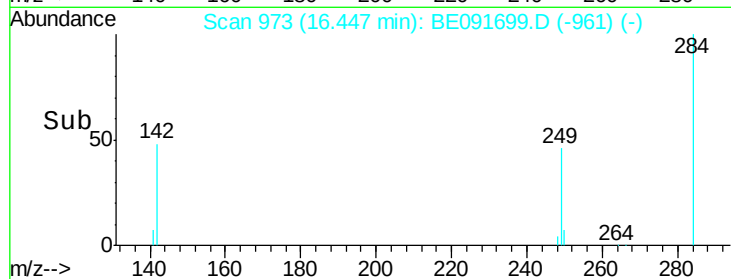
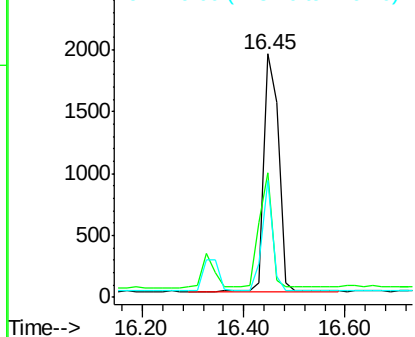
#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:284 Resp: 3770
Ion Ratio Lower Upper
284 100
142 41.8 32.2 48.2
249 33.9 25.4 38.2

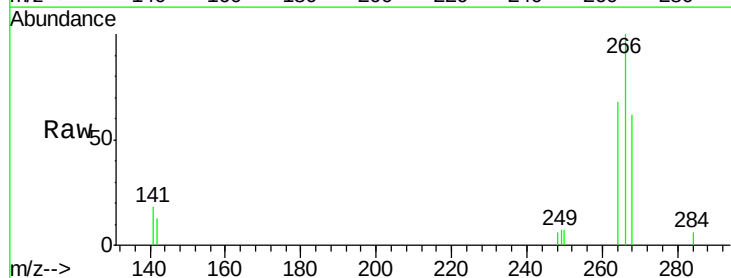


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

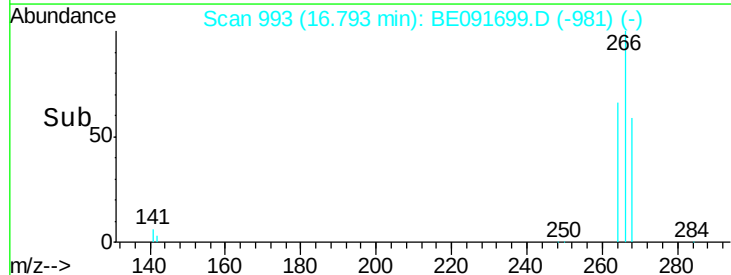
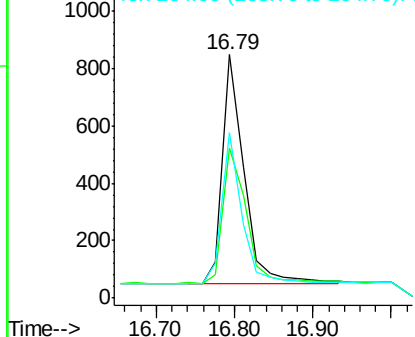


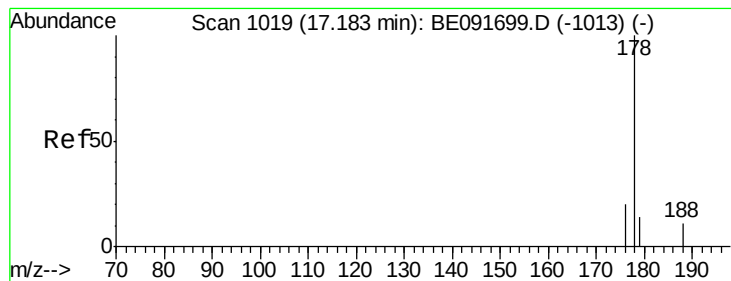
#22
Pentachlorophenol
Concen: 0.48 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion:266 Resp: 1510
Ion Ratio Lower Upper
266 100
268 61.5 58.2 87.2
264 67.9 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: 0.41 ng

RT: 17.18 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

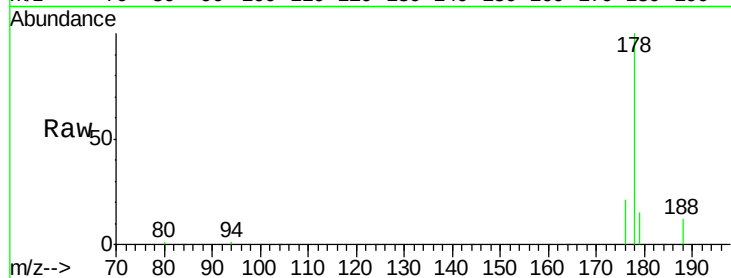
Tot Ion:178 Resp: 24404

Ion Ratio Lower Upper

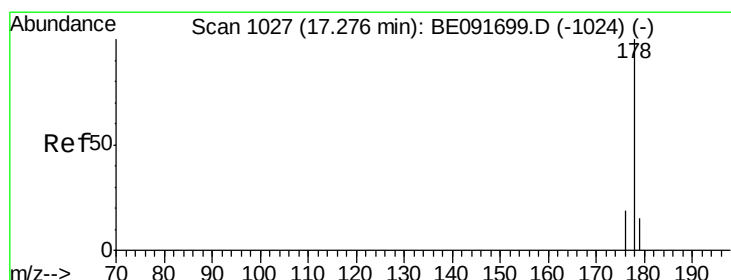
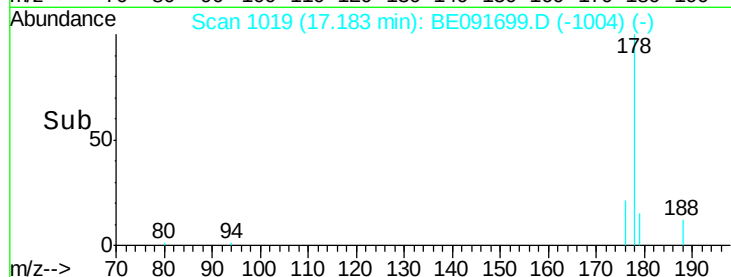
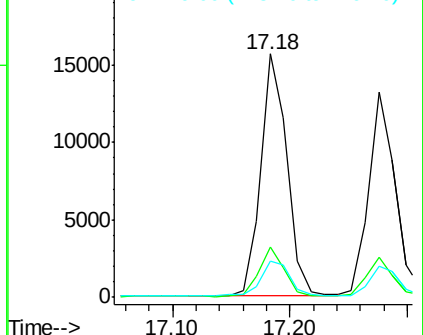
178 100

176 19.4 15.3 22.9

179 16.3 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: 0.40 ng

RT: 17.28 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

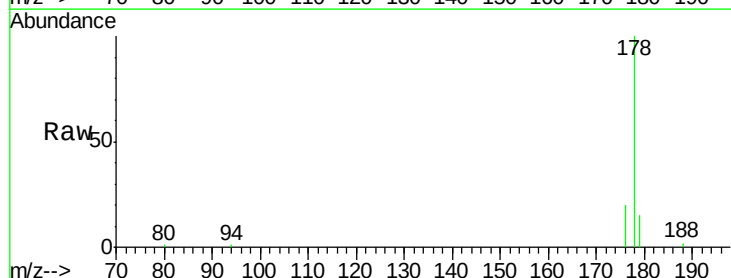
Tgt Ion:178 Resp: 21140

Ion Ratio Lower Upper

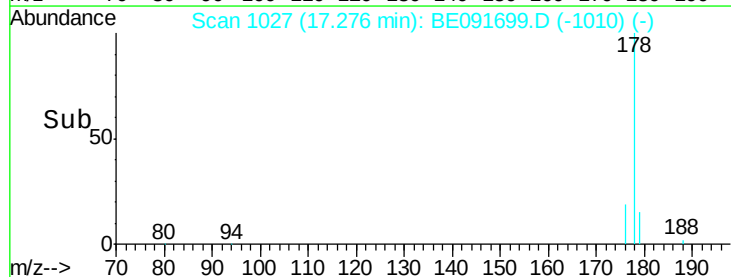
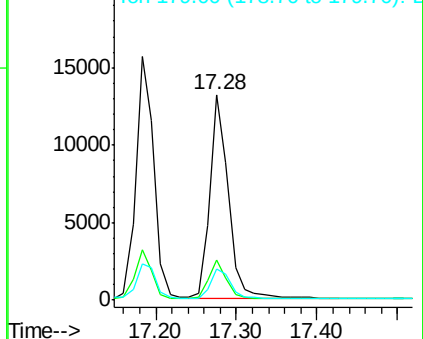
178 100

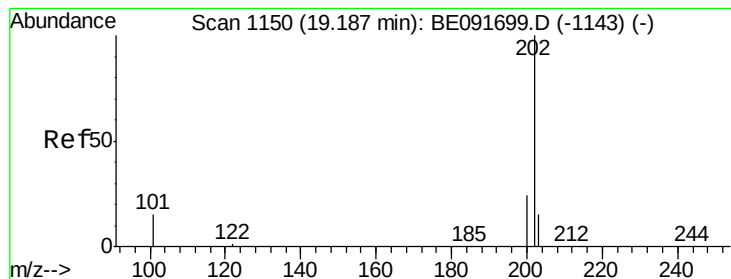
176 18.9 14.6 21.8

179 15.5 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: 0.43 ng

RT: 19.19 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

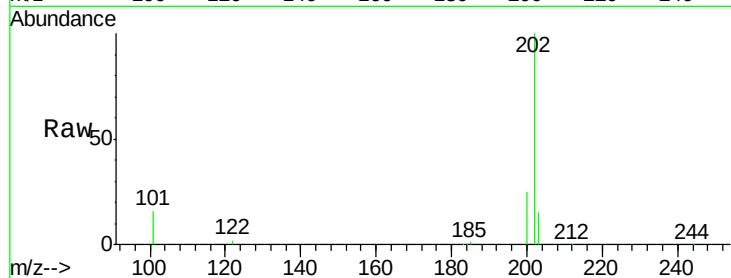
Tot Ion:202 Resp: 25215

Ion Ratio Lower Upper

202 100

101 11.4 11.0 16.6

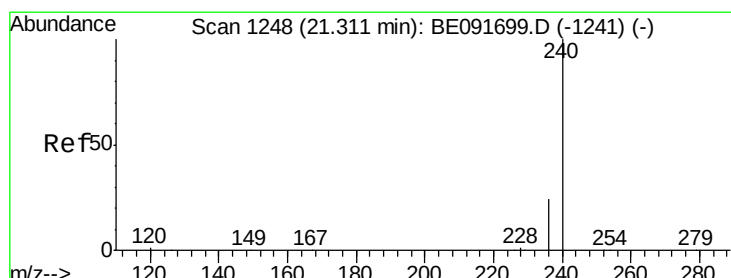
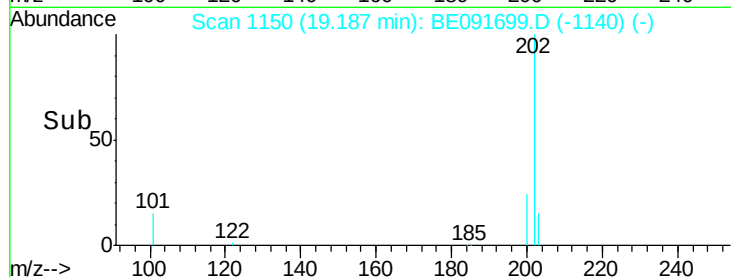
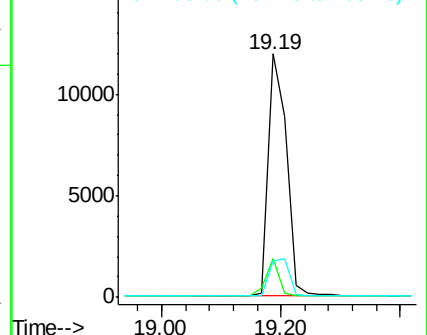
203 17.4 13.9 20.9



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: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

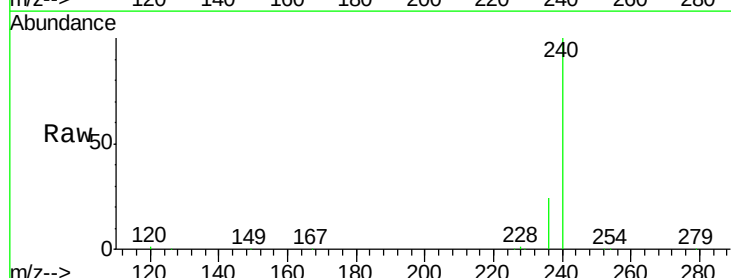
Tgt Ion:240 Resp: 315947

Ion Ratio Lower Upper

240 100

120 1.4 11.0 16.4#

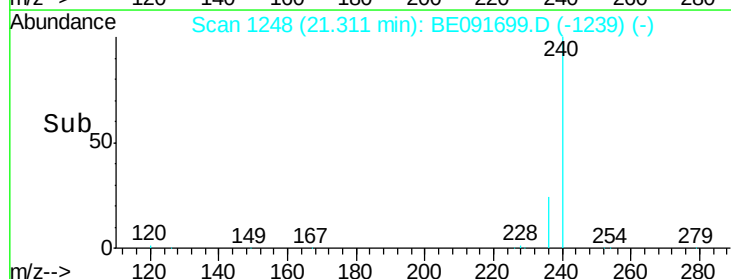
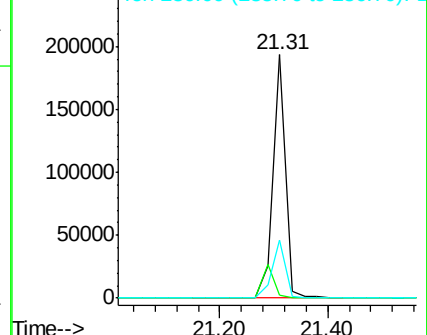
236 24.0 21.7 32.5

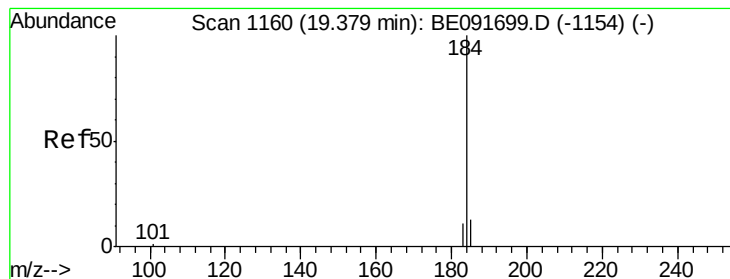


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.32 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

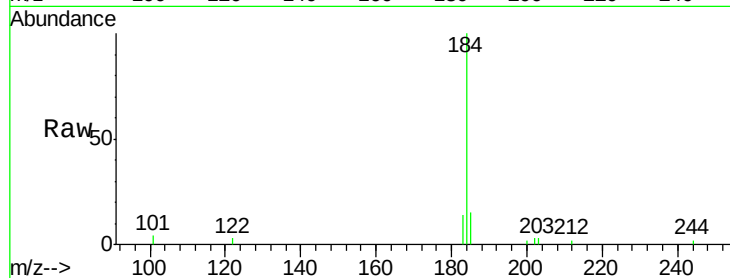
Tot Ion:184 Resp: 5848

Ion Ratio Lower Upper

184 100

185 14.9 22.3 33.5#

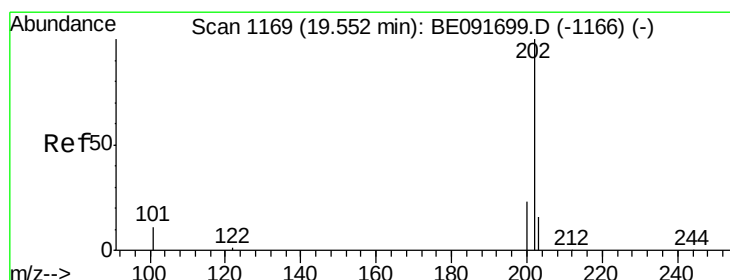
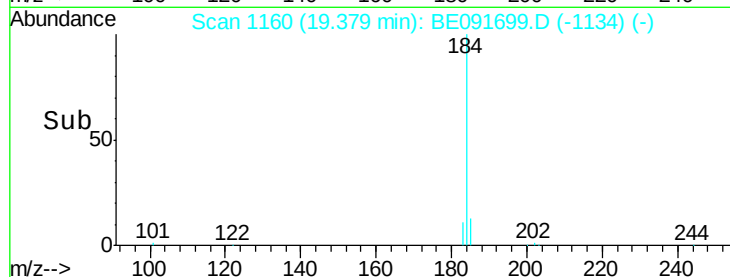
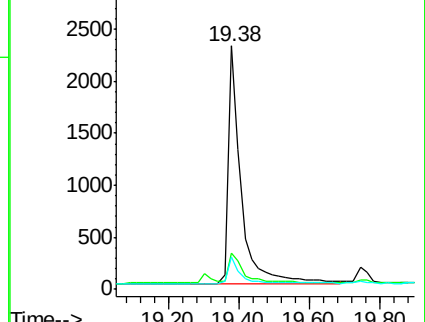
183 13.5 16.4 24.6#



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: 0.38 ng

RT: 19.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

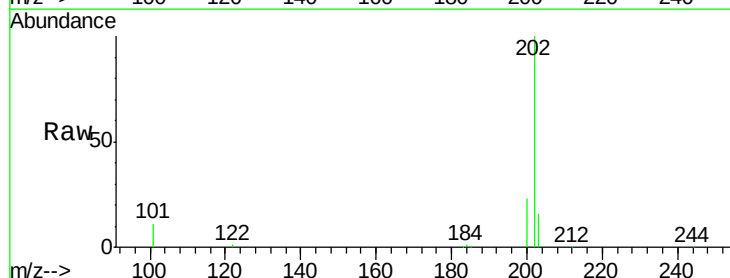
Tgt Ion:202 Resp: 27581

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

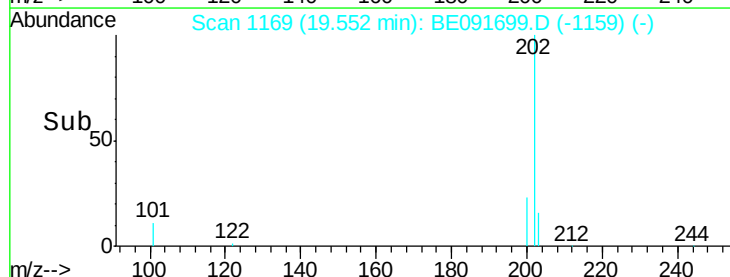
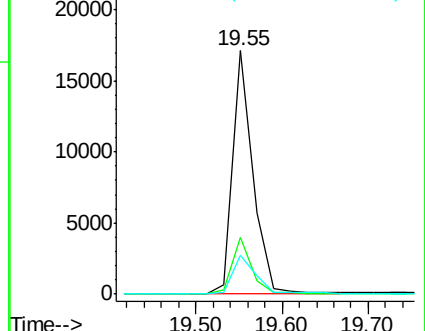
203 17.3 14.0 21.0

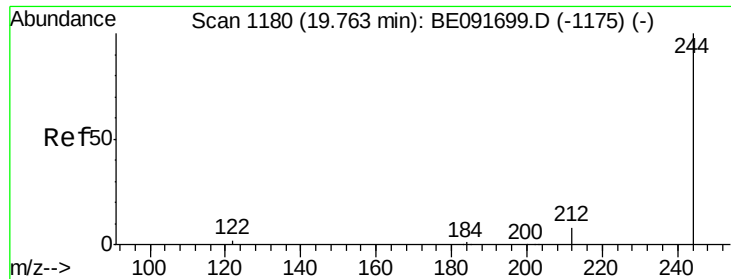


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.38 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

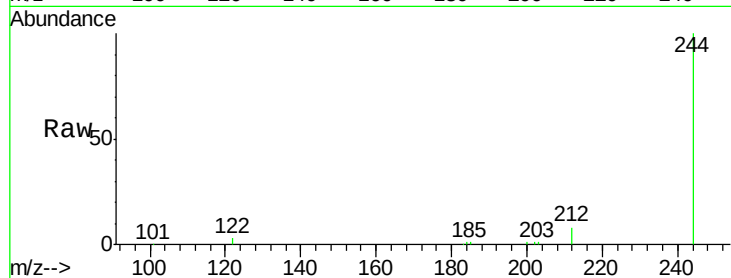
Tot Ion:244 Resp: 19276

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

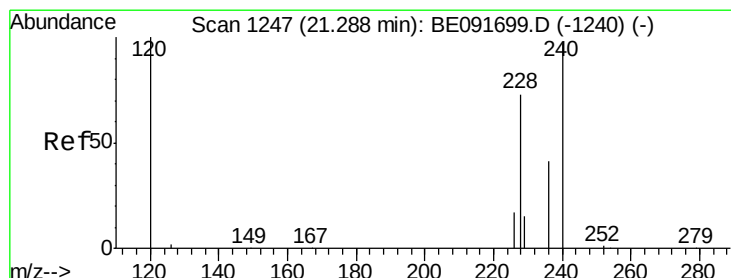
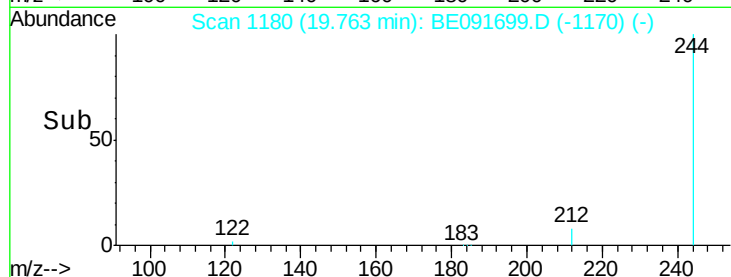
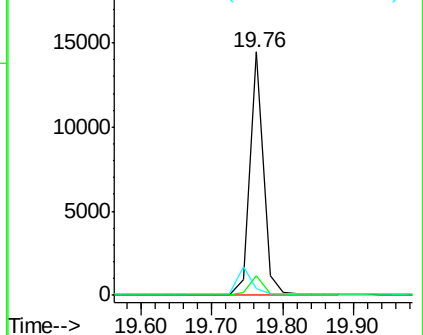
122 2.5 11.0 16.4#



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: 0.39 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

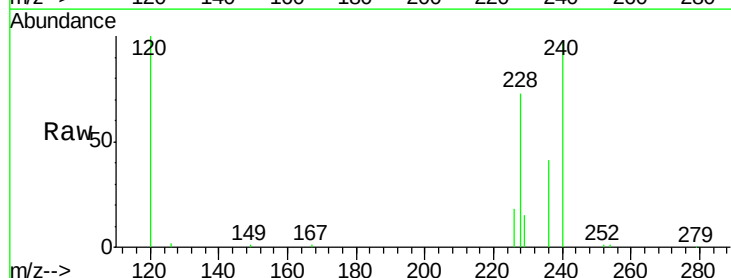
Tgt Ion:228 Resp: 30157

Ion Ratio Lower Upper

228 100

226 23.9 21.0 31.4

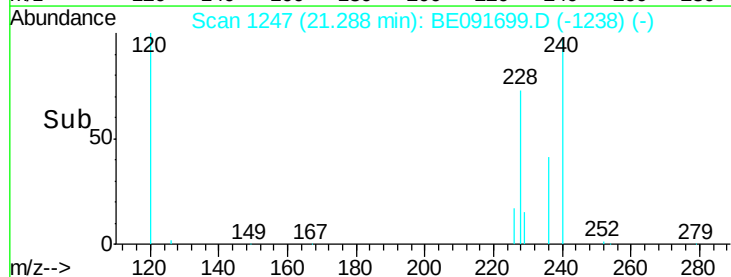
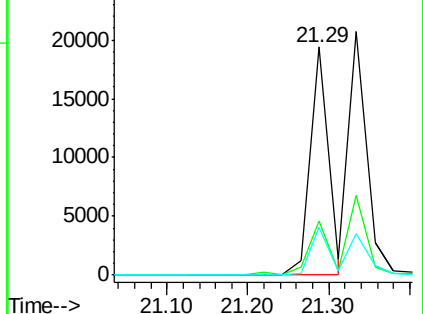
229 21.2 15.7 23.5

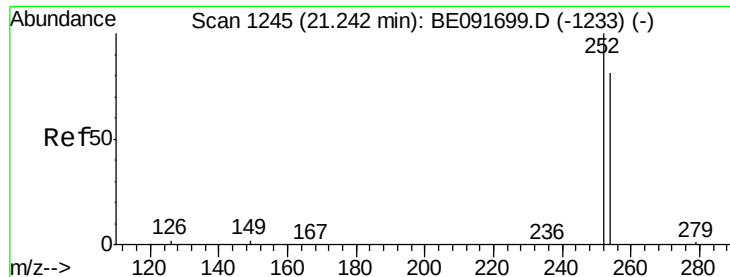


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

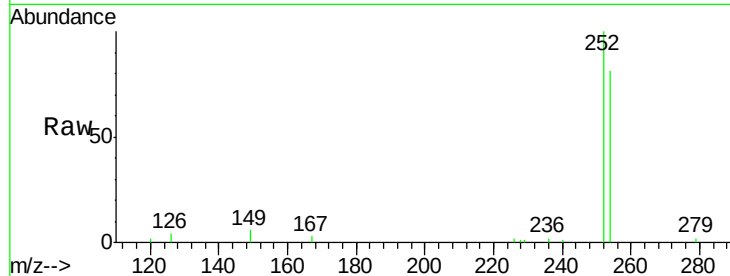




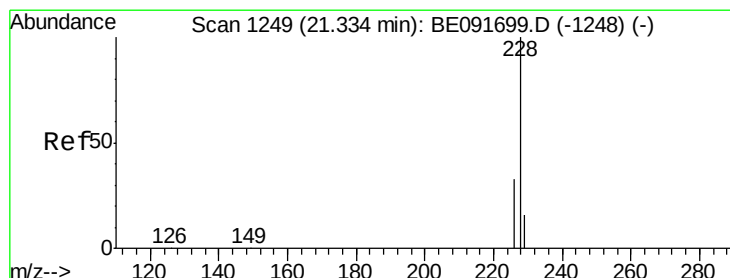
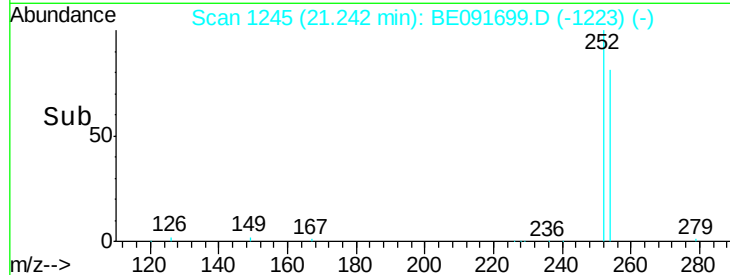
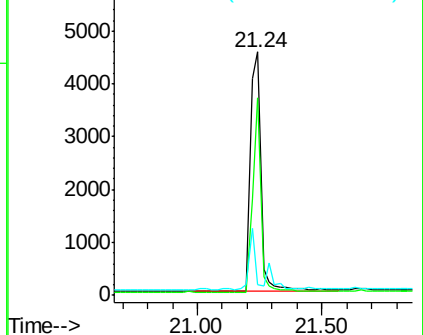
#31
 3,3'-Dichlorobenzidine
 Concen: 0.42 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091699.D
 Acq: 26 Apr 2016 11:33

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion:252 Resp: 13662
 Ion Ratio Lower Upper
 252 100
 254 81.2 51.1 76.7#
 126 4.2 12.6 18.8#

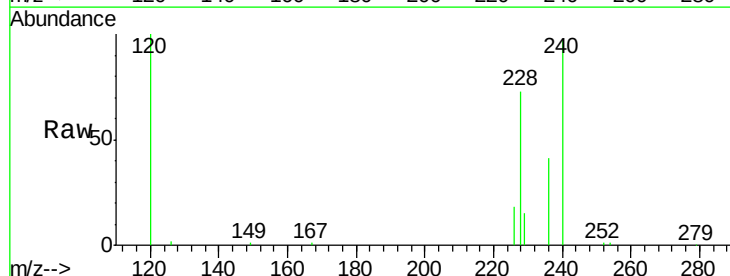


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

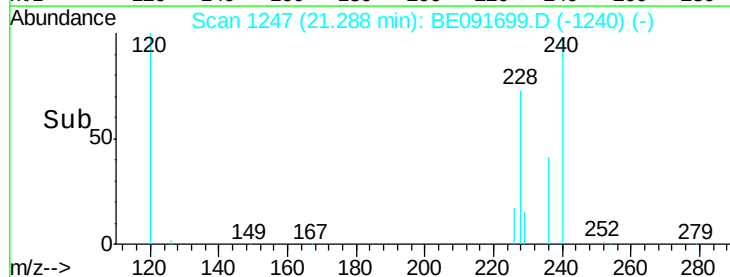
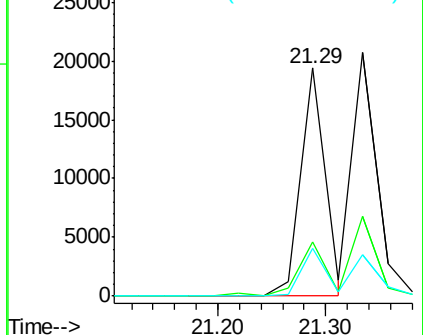


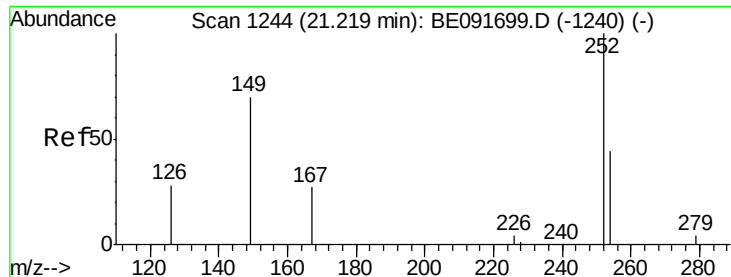
#32
 Chrysene
 Concen: 0.36 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091699.D
 Acq: 26 Apr 2016 11:33

Tgt Ion:228 Resp: 30156
 Ion Ratio Lower Upper
 228 100
 226 23.9 24.0 36.0#
 229 21.2 15.9 23.9



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.49 ng

RT: 21.22 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

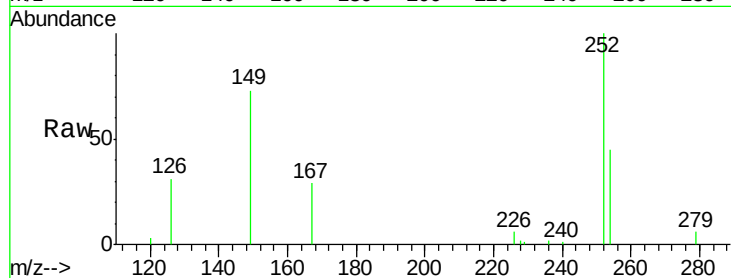
Tot Ion:149 Resp: 7209

Ion Ratio Lower Upper

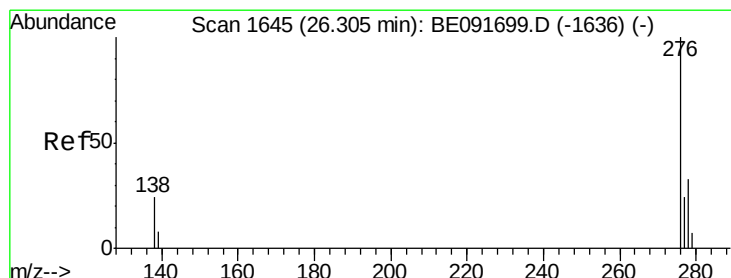
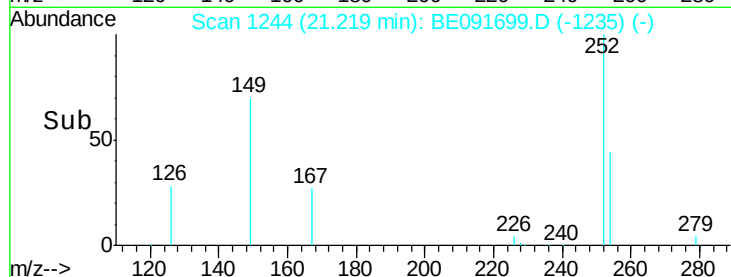
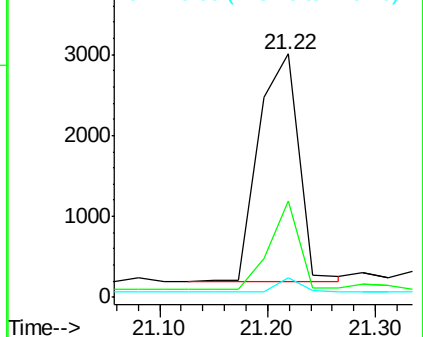
149 100

167 29.7 19.5 29.3#

279 4.1 10.0 15.0#



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: 0.39 ng

RT: 26.31 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

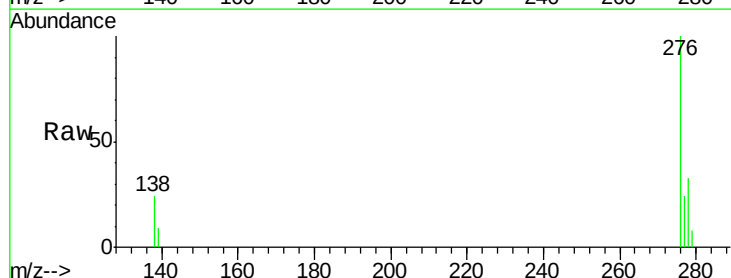
Tgt Ion:276 Resp: 29113

Ion Ratio Lower Upper

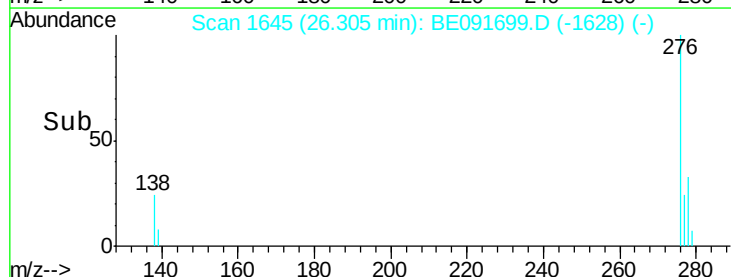
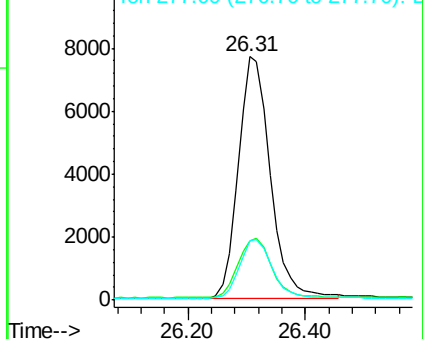
276 100

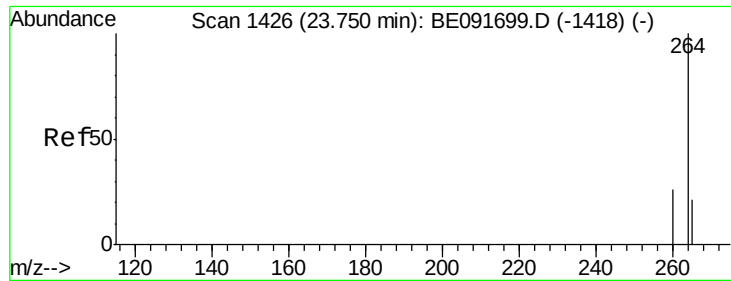
138 25.9 23.4 35.2

277 24.9 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

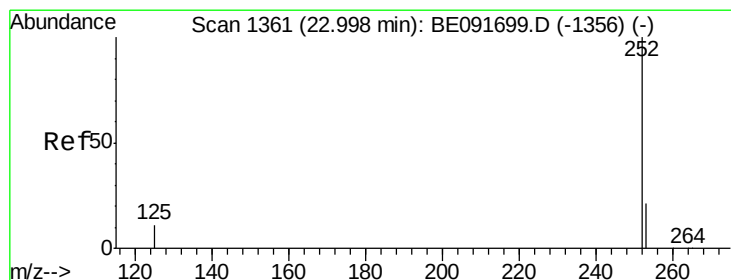
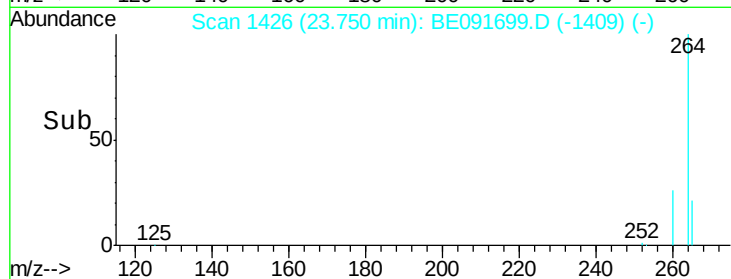
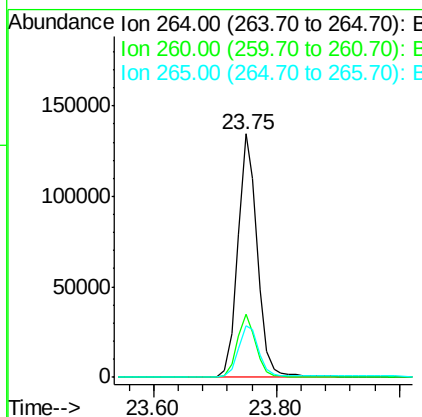
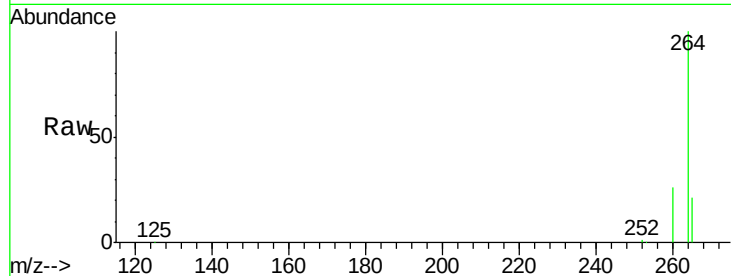




#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

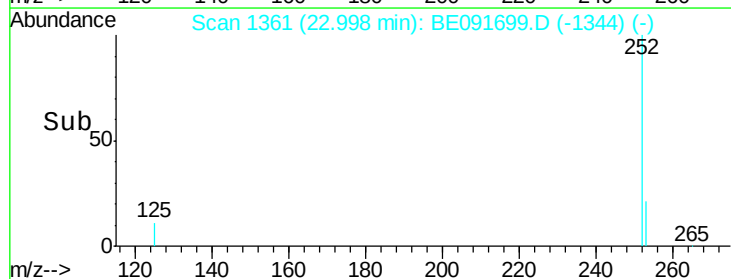
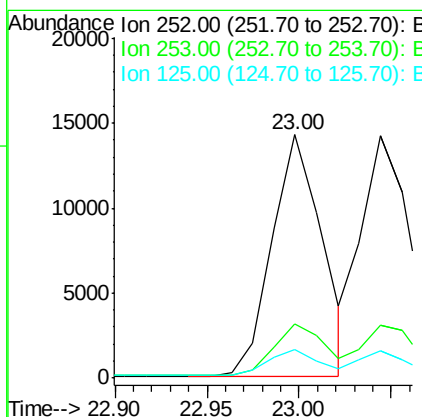
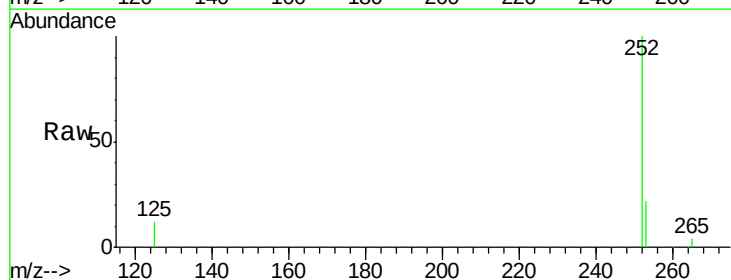
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

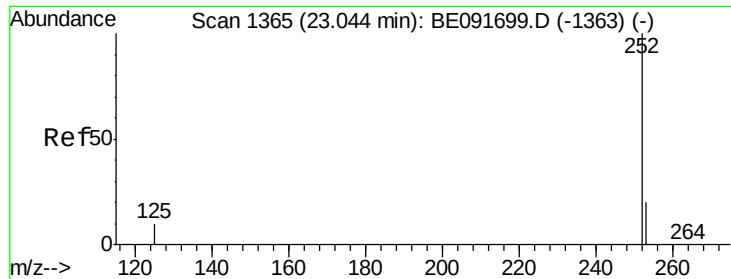
Tot Ion:264 Resp: 296727
Ion Ratio Lower Upper
264 100
260 26.2 20.0 30.0
265 21.4 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.00 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091699.D
Acq: 26 Apr 2016 11:33

Tgt Ion:252 Resp: 26988
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.7 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.39 ng

RT: 23.04 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

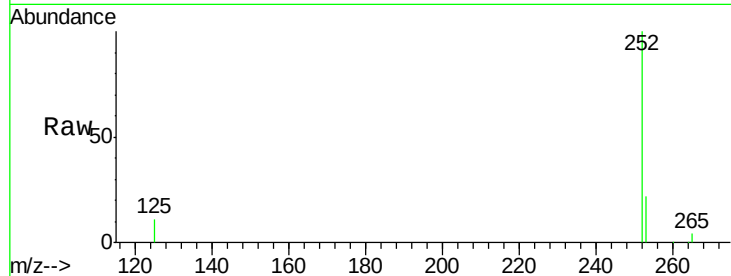
Tot Ion:252 Resp: 27097

Ion Ratio Lower Upper

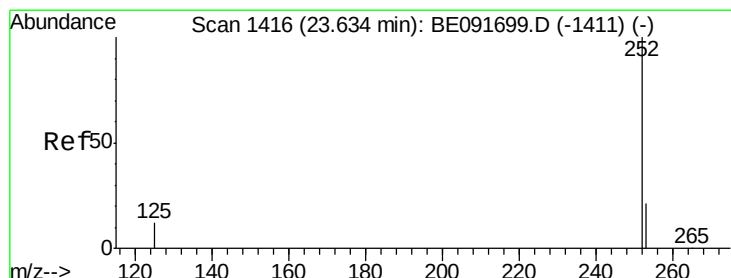
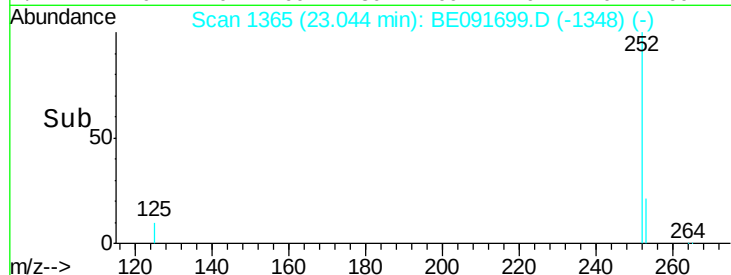
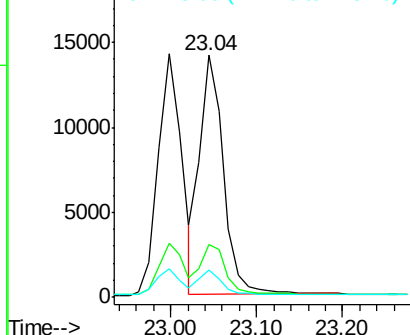
252 100

253 21.9 17.6 26.4

125 11.2 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: 0.40 ng

RT: 23.63 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

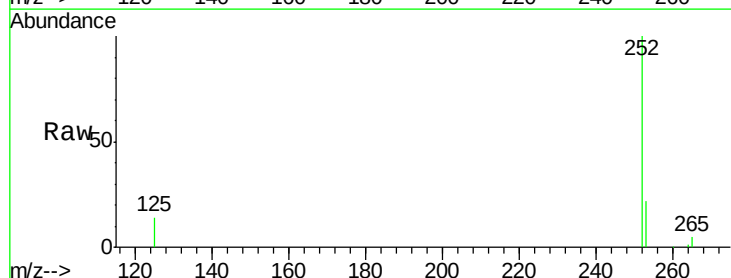
Tgt Ion:252 Resp: 24806

Ion Ratio Lower Upper

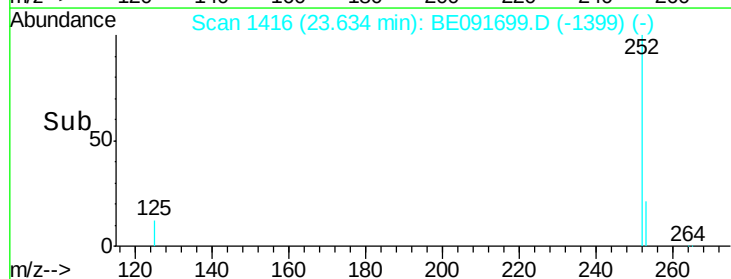
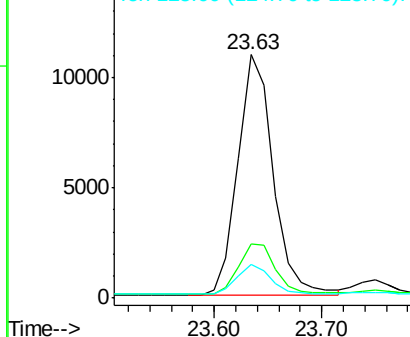
252 100

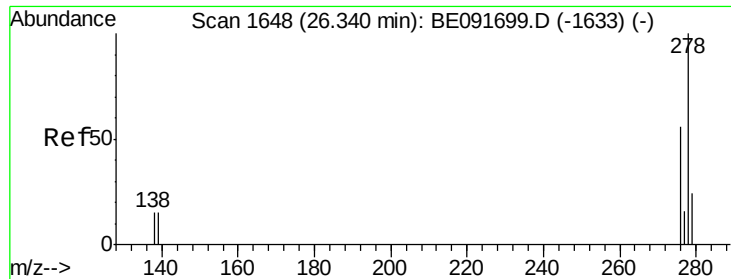
253 22.4 18.1 27.1

125 13.8 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: 0.38 ng

RT: 26.34 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

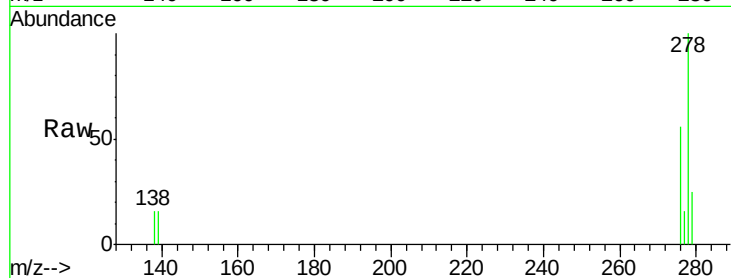
Tot Ion:278 Resp: 24079

Ion Ratio Lower Upper

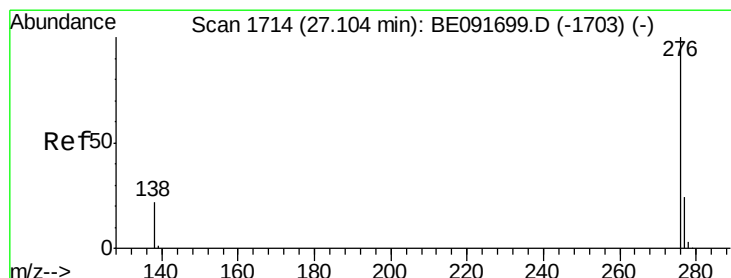
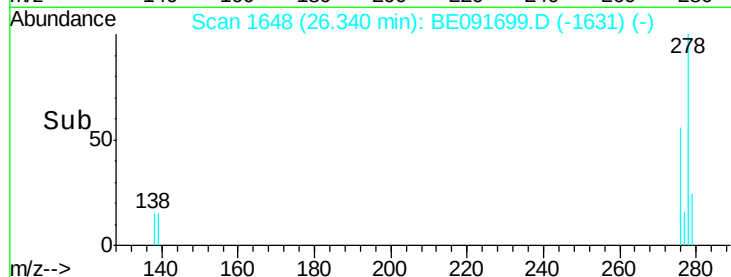
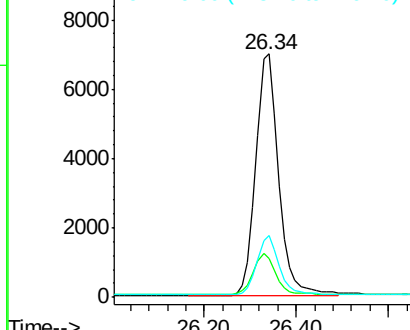
278 100

139 15.7 16.0 24.0#

279 25.3 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: 0.38 ng

RT: 27.10 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE091699.D

Acq: 26 Apr 2016 11:33

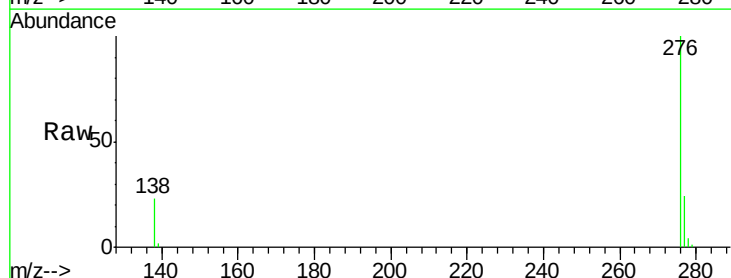
Tgt Ion:276 Resp: 24377

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 22.8 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

