

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042616\
 Data File : BE091712.D
 Acq On : 26 Apr 2016 20:00
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 27 00:49:24 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 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	25527	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	116187	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	66164	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	168361	5.00	ng	0.00
26) Chrysene-d12	21.31	240	197630	5.00	ng	0.00
35) Perylene-d12	23.75	264	178156	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2509	0.40	ng	0.00
5) Phenol-d6	6.96	99	3264	0.39	ng	0.00
8) Nitrobenzene-d5	8.95	82	2926	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	715	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	7300	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	11795	0.38	ng	0.00

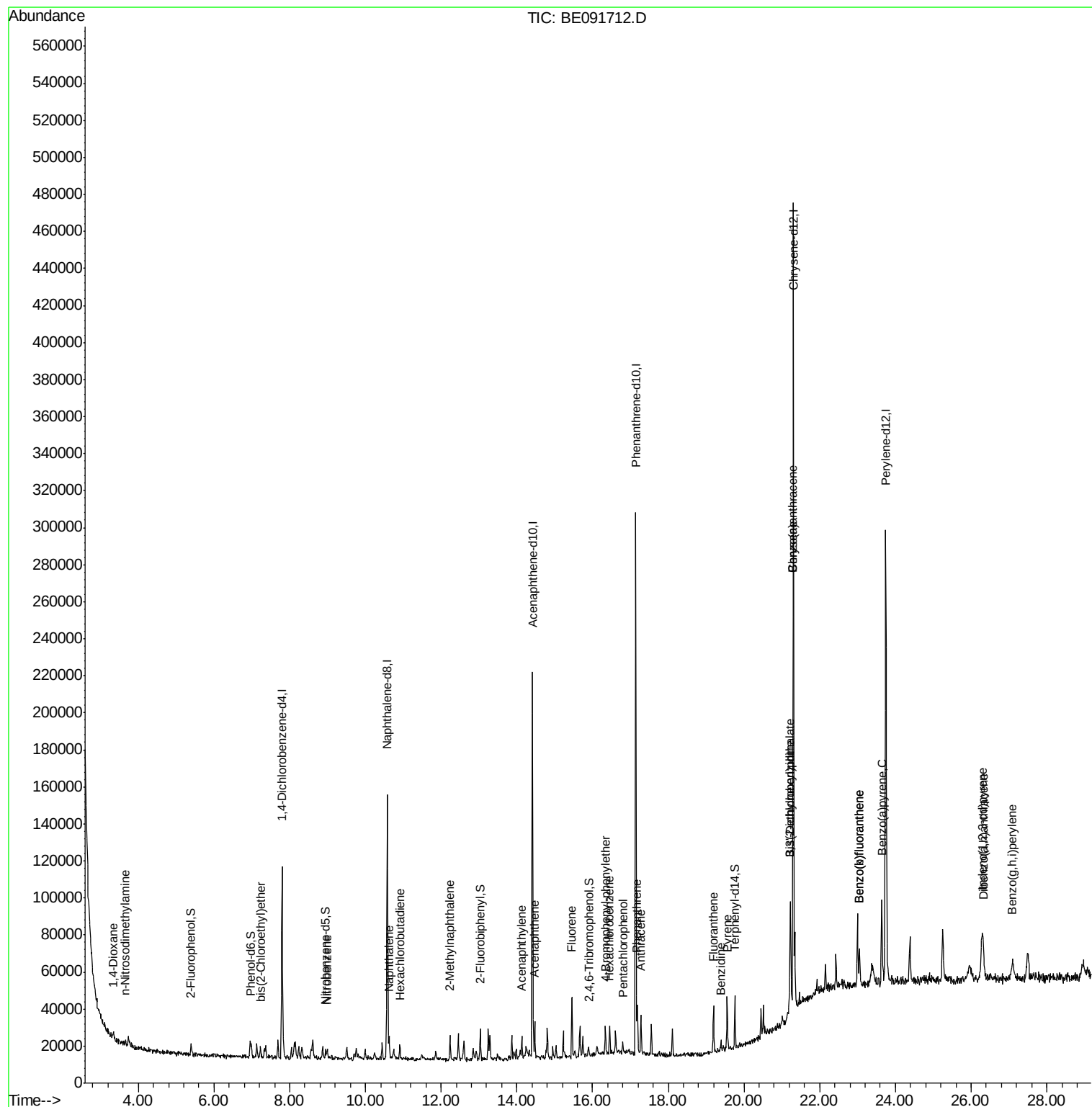
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	1342	0.36	ng	# 86
3) n-Nitrosodimethylamine	3.65	42	1697	0.37	ng	# 91
6) bis(2-Chloroethyl)ether	7.22	93	3273	0.45	ng	# 85
9) Nitrobenzene	8.99	77	2935	0.37	ng	# 91
10) Naphthalene	10.63	128	9594	0.41	ng	96
11) Hexachlorobutadiene	10.91	225	1562	0.45	ng	97
12) 2-Methylnaphthalene	12.24	142	5804	0.38	ng	90
16) Acenaphthylene	14.13	152	9130	0.36	ng	# 84
17) Acenaphthene	14.47	154	6074	0.37	ng	# 73
18) Fluorene	15.45	166	7963	0.39	ng	97
20) 4-Bromophenyl-phenylether	16.34	248	2463	0.41	ng	93
21) Hexachlorobenzene	16.45	284	2503	0.41	ng	92
22) Pentachlorophenol	16.79	266	958	0.39	ng	# 84
23) Phenanthrene	17.18	178	16005	0.42	ng	99
24) Anthracene	17.28	178	13192	0.38	ng	96
25) Fluoranthene	19.20	202	15252	0.38	ng	99
27) Benzidine	19.39	184	3452	0.38	ng	# 68
28) Pyrene	19.56	202	15815	0.35	ng	94
30) Benzo(a)anthracene	21.29	228	17194	0.36	ng	97
31) 3,3'-Dichlorobenzidine	21.23	252	7864	0.32	ng	88
32) Chrysene	21.29	228	17194	0.34	ng	98
33) Bis(2-ethylhexyl)phthalate	21.22	149	7291	0.50	ng	# 87
34) Indeno(1,2,3-cd)pyrene	26.31	276	15286	0.34	ng	95
36) Benzo(b)fluoranthene	23.05	252	14153	0.34	ng	96
37) Benzo(k)fluoranthene	23.05	252	14153	0.33	ng	95
38) Benzo(a)pyrene	23.63	252	14419	0.37	ng	# 87
39) Dibenzo(a,h)anthracene	26.33	278	13008	0.35	ng	96
40) Benzo(g,h,i)perylene	27.09	276	13740	0.36	ng	# 92

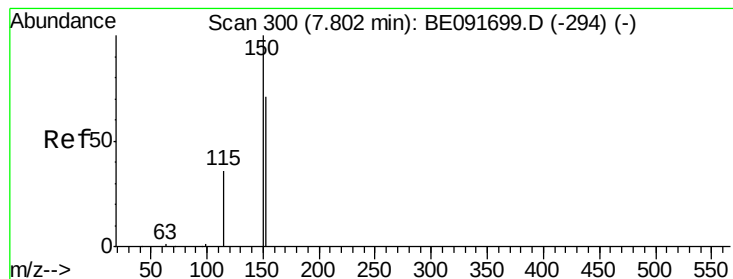
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 887

Delta R.T. -0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

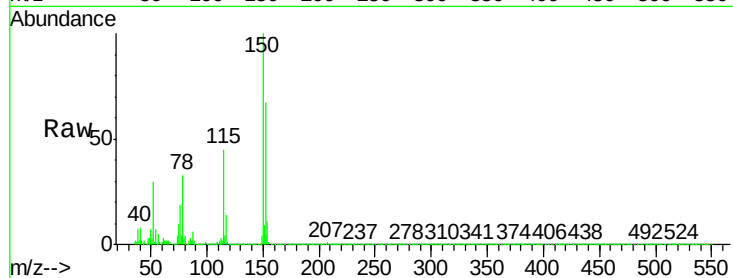
Tgt Ion:152 Resp: 25527

Ion Ratio Lower Upper

152 100

150 148.7 122.6 183.8

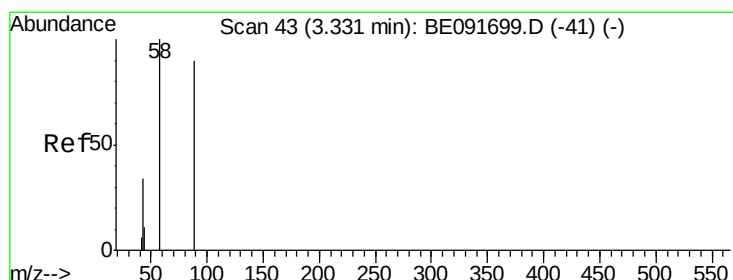
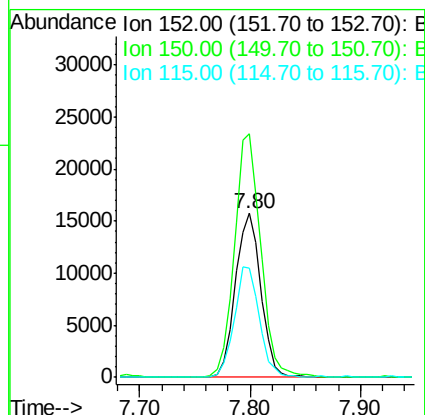
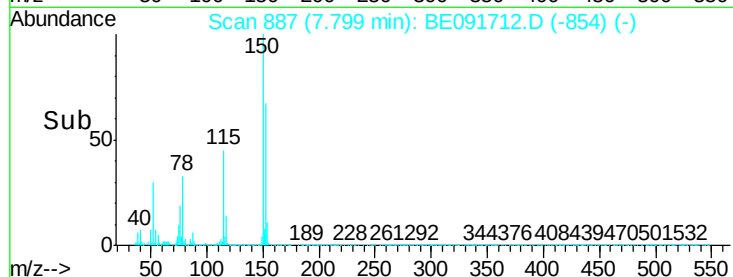
115 66.6 52.8 79.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.36 ng

RT: 3.34 min Scan# 128

Delta R.T. 0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

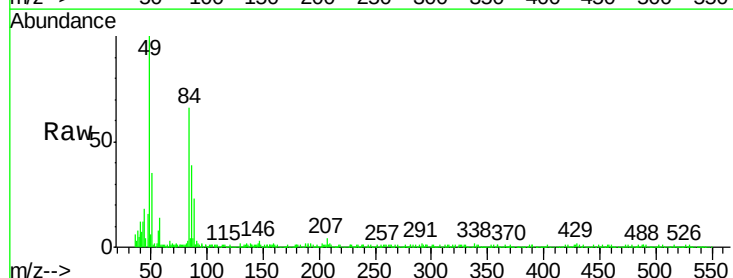
Tgt Ion: 88 Resp: 1342

Ion Ratio Lower Upper

88 100

58 74.6 65.8 98.6

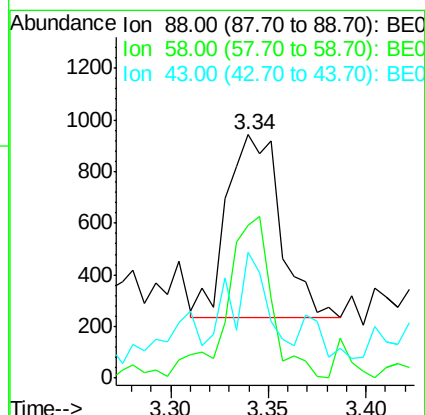
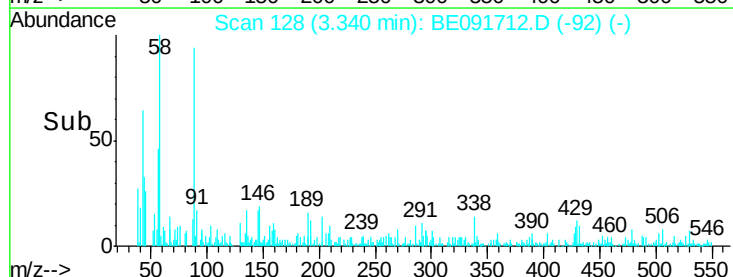
43 47.4 25.3 37.9#

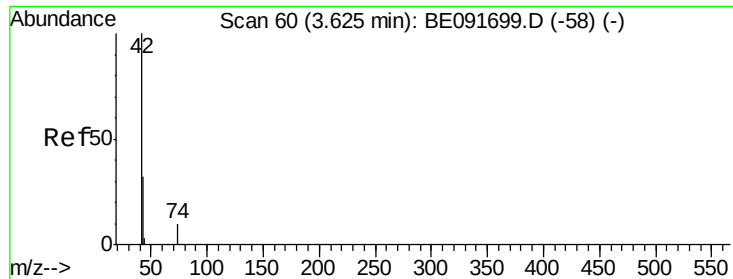


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.65 min Scan# 180

Delta R.T. 0.02 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

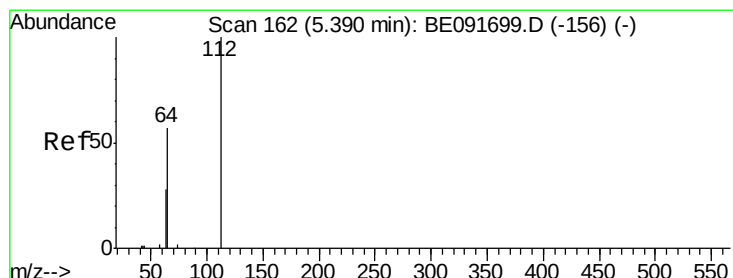
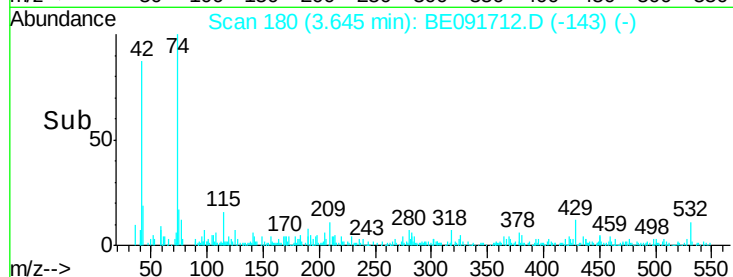
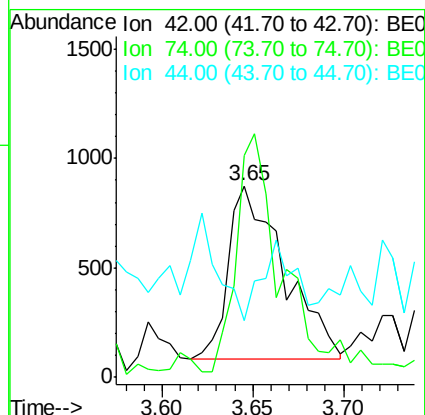
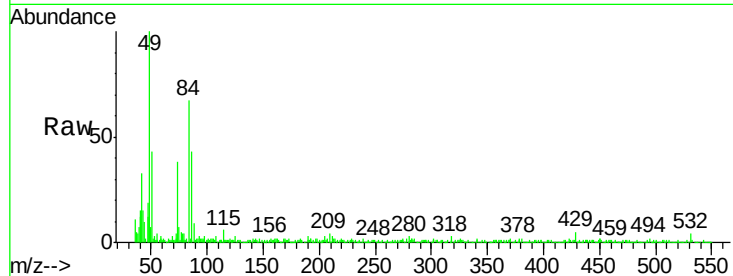
Instrument :

BNA_E

ClientSampled :

SSTDCCC0.4

Tgt Ion:	42	Resp:	1697
Ion	Ratio	Lower	Upper
42	100		
74	104.0	87.9	131.9
44	28.1	6.6	9.8#



#4

2-Fluorophenol

Concen: 0.40 ng

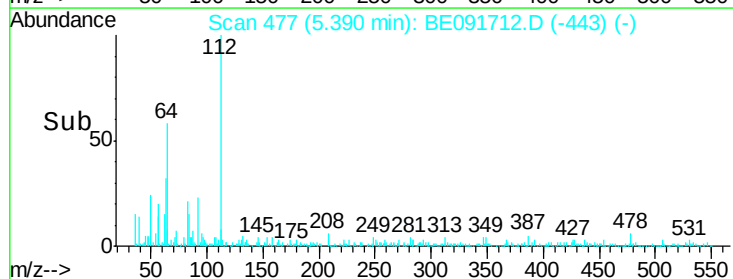
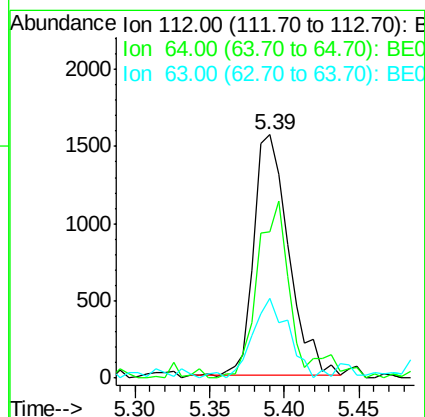
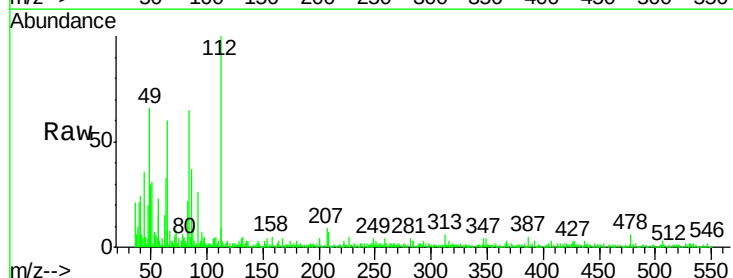
RT: 5.39 min Scan# 477

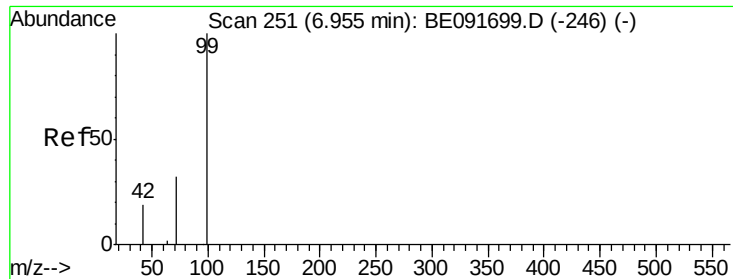
Delta R.T. 0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Tgt Ion:	112	Resp:	2509
Ion	Ratio	Lower	Upper
112	100		
64	67.2	30.9	46.3#
63	35.1	16.7	25.1#





#5

Phenol-d6

Concen: 0.39 ng

RT: 6.96 min Scan# 744

Delta R.T. 0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

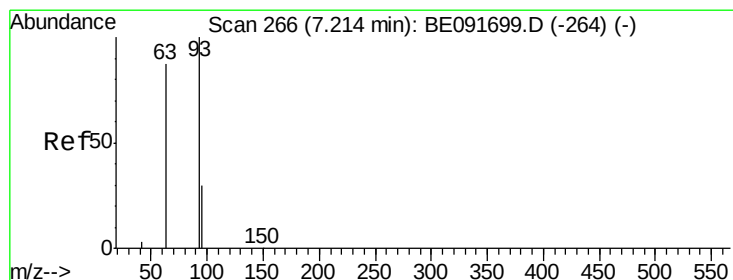
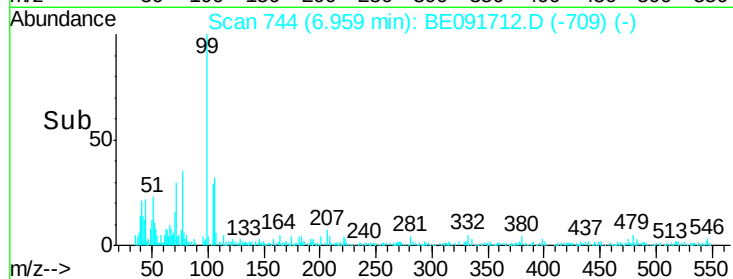
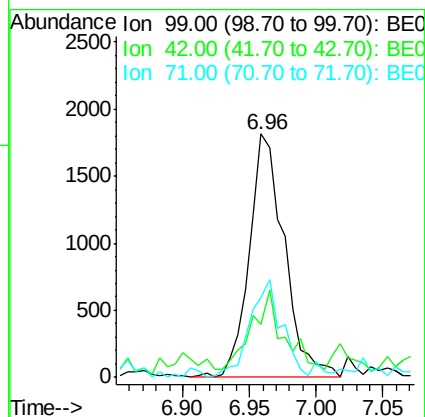
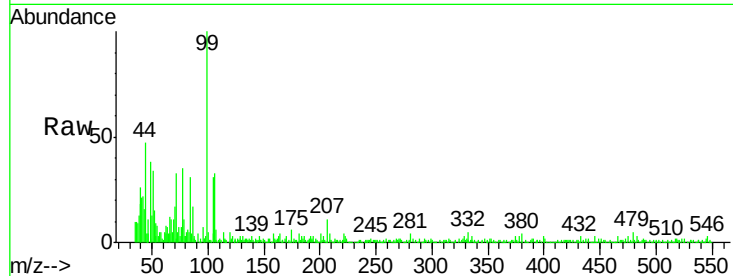
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	99	Resp:	3264
Ion	Ratio	Lower	Upper
99	100		
42	29.9	16.2	24.2#
71	36.9	29.0	43.4



#6

bis(2-Chloroethyl)ether

Concen: 0.45 ng

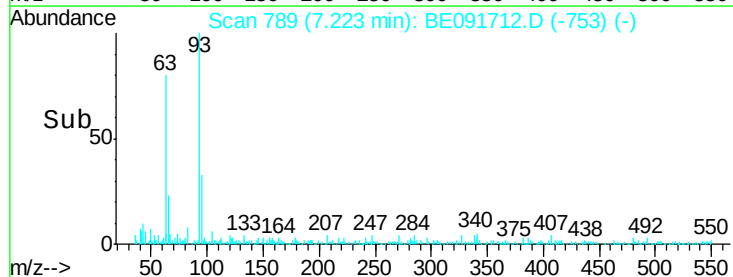
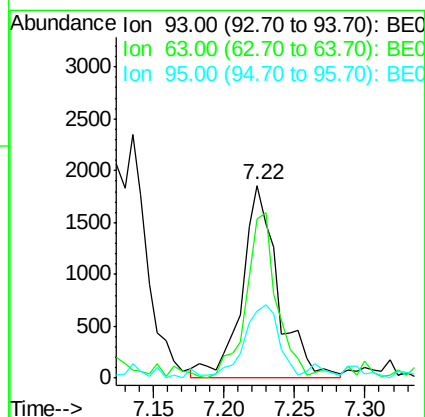
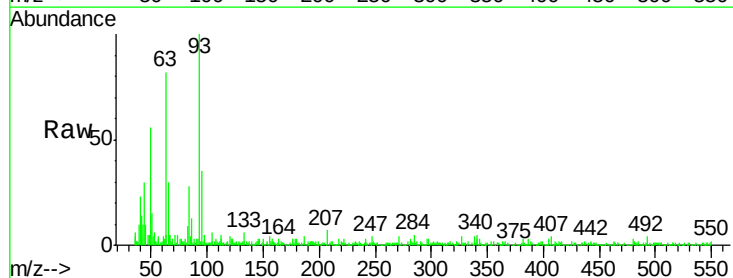
RT: 7.22 min Scan# 789

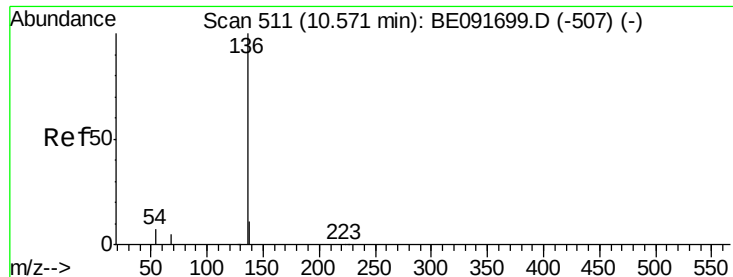
Delta R.T. 0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Tgt Ion:	93	Resp:	3273
Ion	Ratio	Lower	Upper
93	100		
63	73.4	49.5	74.3
95	35.3	22.2	33.4#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 116187

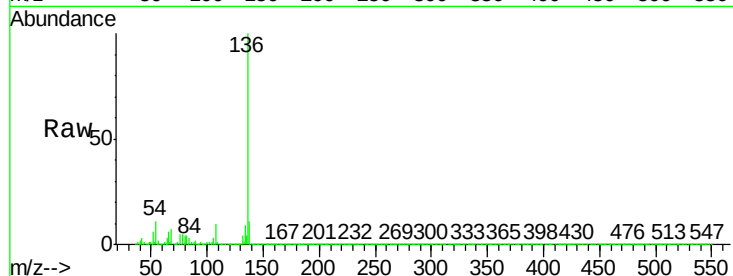
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 11.1 8.2 12.4

68 6.7 6.2 9.4



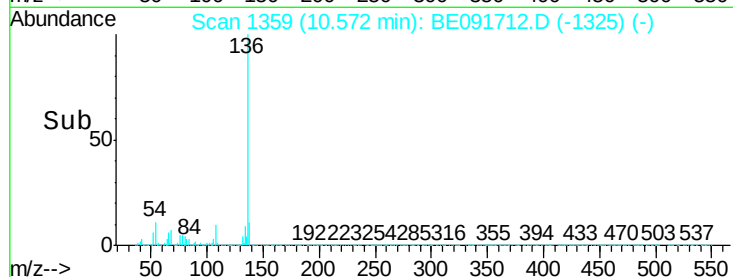
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

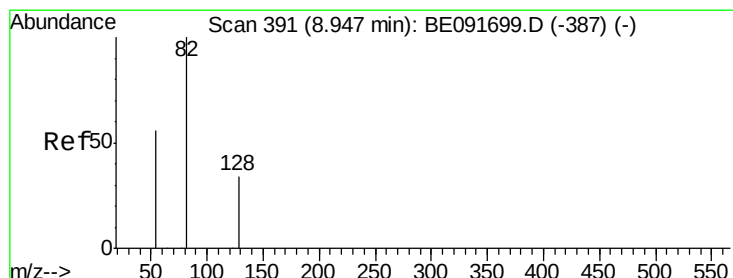
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.39 ng

RT: 8.95 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

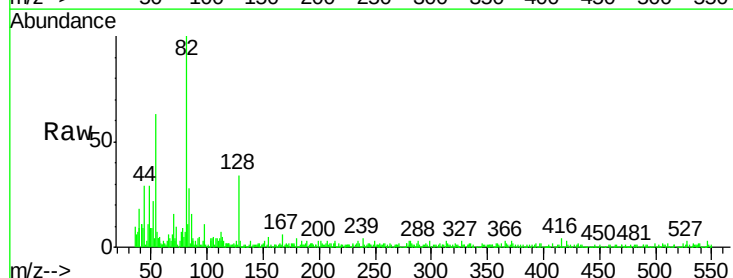
Tgt Ion: 82 Resp: 2926

Ion Ratio Lower Upper

82 100

128 33.6 25.4 38.0

54 62.6 48.4 72.6

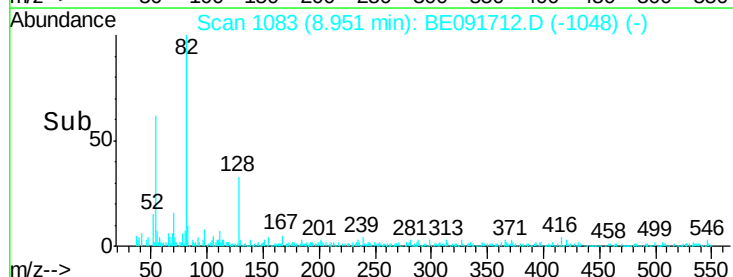


Abundance Ion 82.00 (81.70 to 82.70): BE0

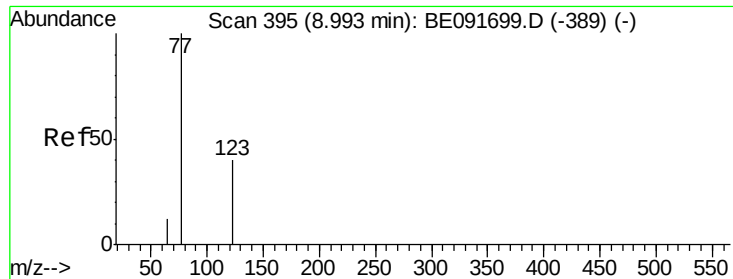
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#9

Nitrobenzene

Concen: 0.37 ng

RT: 8.99 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

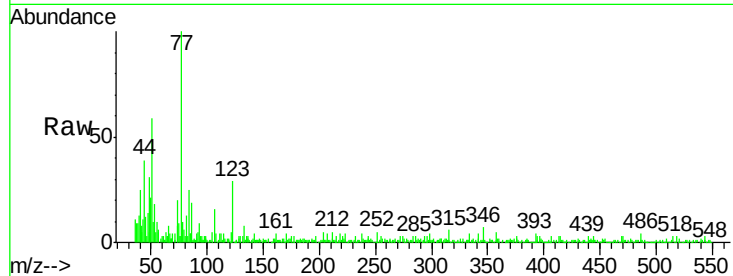
Tgt Ion: 77 Resp: 2935

Ion Ratio Lower Upper

77 100

123 39.1 26.9 40.3

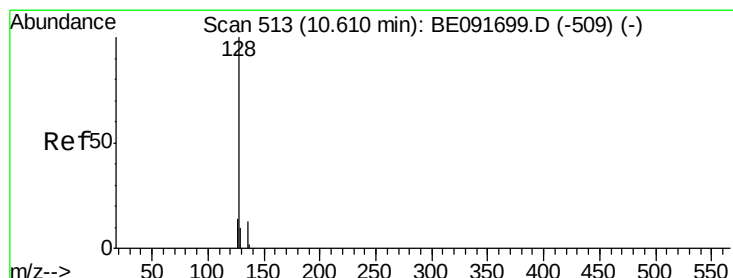
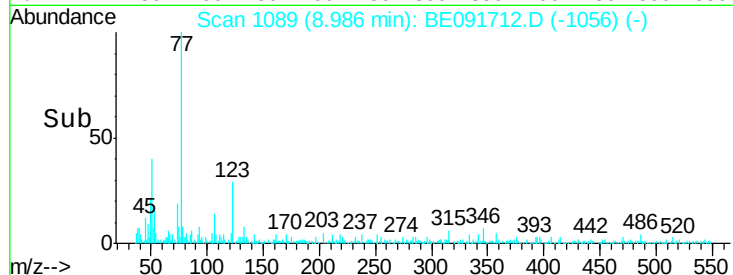
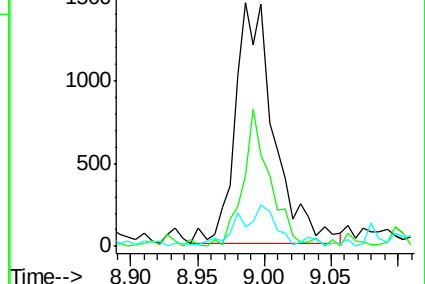
65 15.0 9.4 14.2#



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: 0.41 ng

RT: 10.63 min Scan# 1369

Delta R.T. 0.02 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

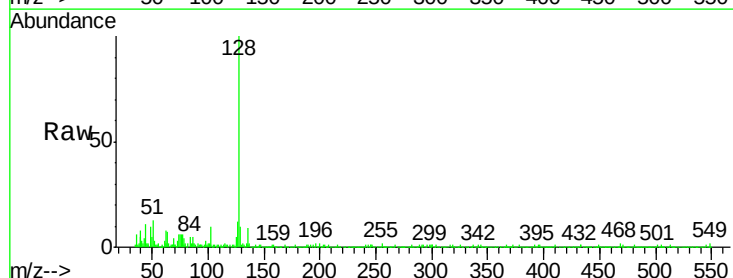
Tgt Ion: 128 Resp: 9594

Ion Ratio Lower Upper

128 100

129 10.0 9.3 13.9

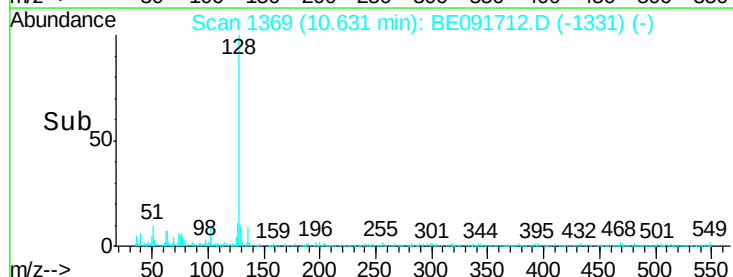
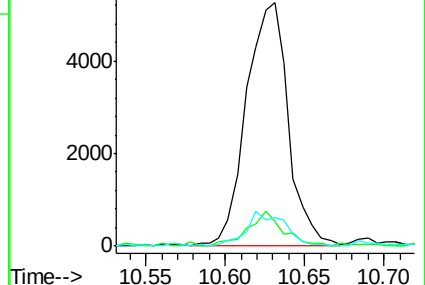
127 11.5 10.7 16.1

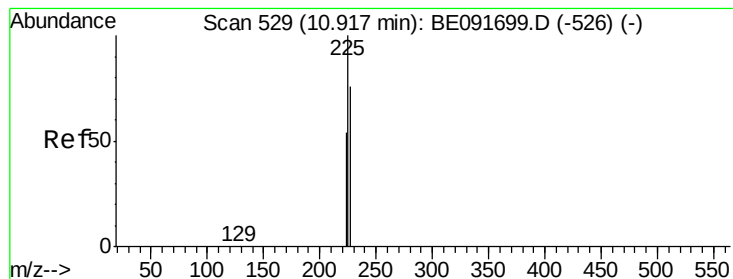


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0





#11

Hexachlorobutadiene

Concen: 0.45 ng

RT: 10.91 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

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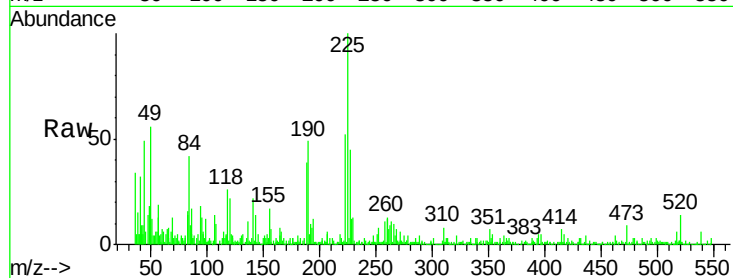
Tgt Ion:225 Resp: 1562

Ion Ratio Lower Upper

225 100

223 63.9 49.0 73.6

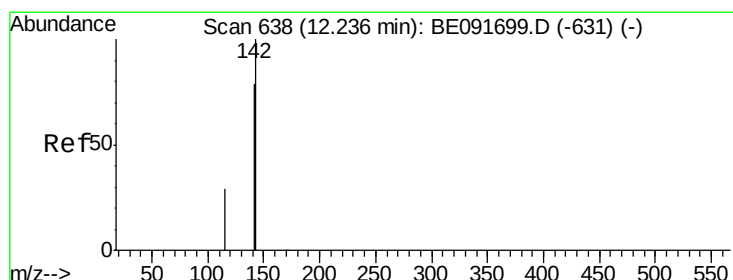
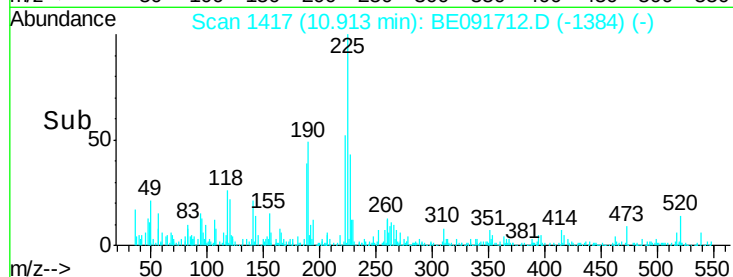
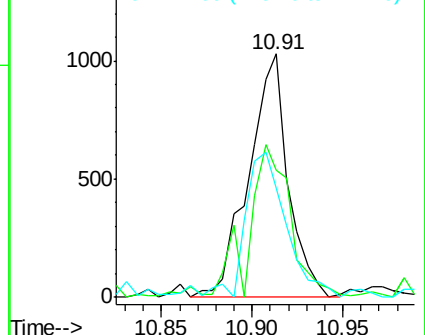
227 60.9 50.3 75.5



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.38 ng

RT: 12.24 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

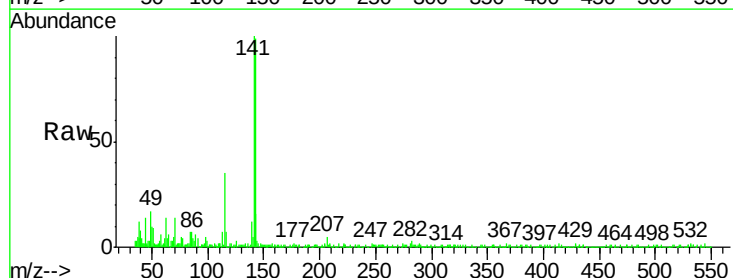
Tgt Ion:142 Resp: 5804

Ion Ratio Lower Upper

142 100

141 101.2 71.4 107.0

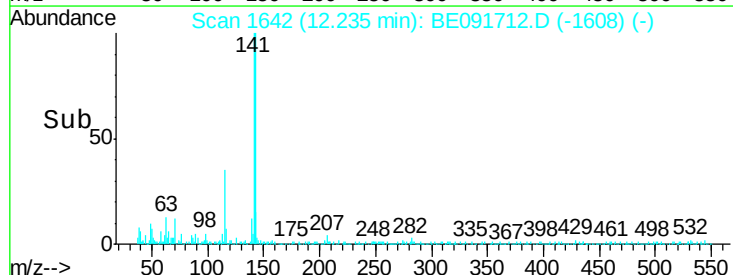
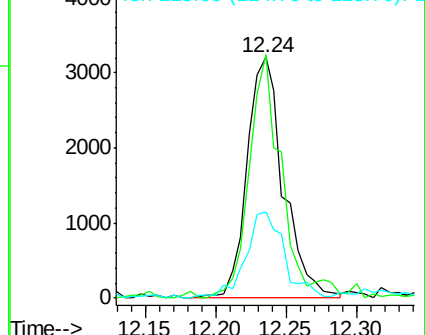
115 35.6 30.3 45.5

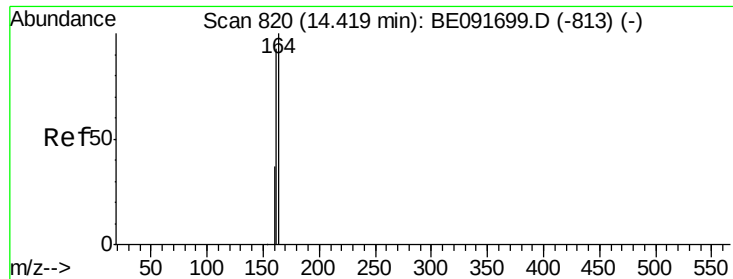


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

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BNA_E

ClientSampleId :

SSTDCCC0.4

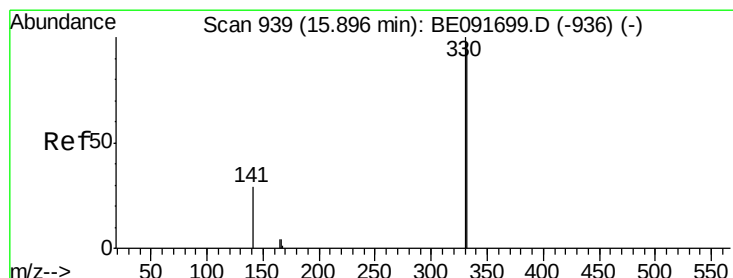
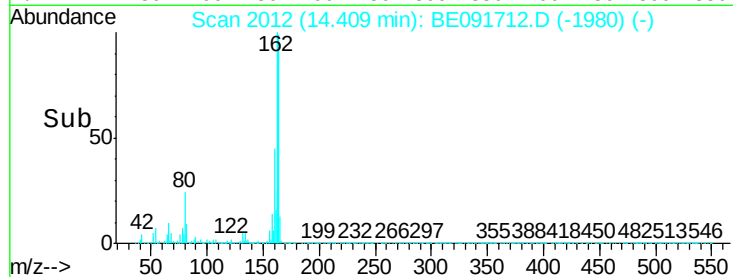
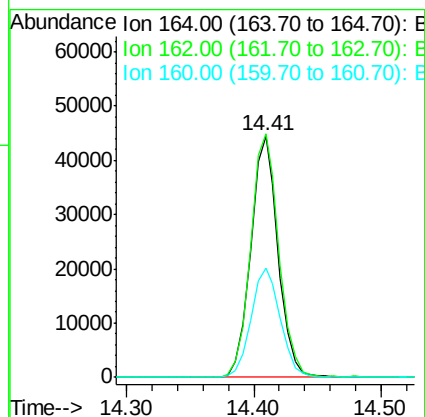
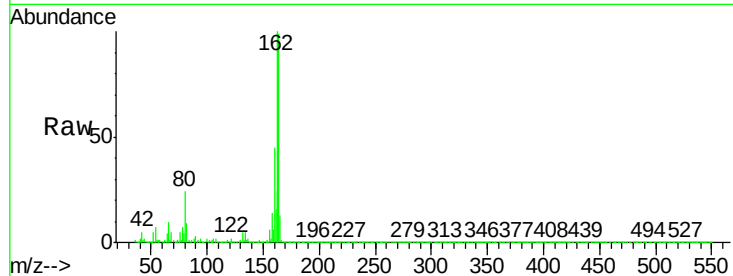
Tgt Ion:164 Resp: 66164

Ion Ratio Lower Upper

164 100

162 100.9 85.3 127.9

160 45.5 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 0.45 ng

RT: 15.90 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

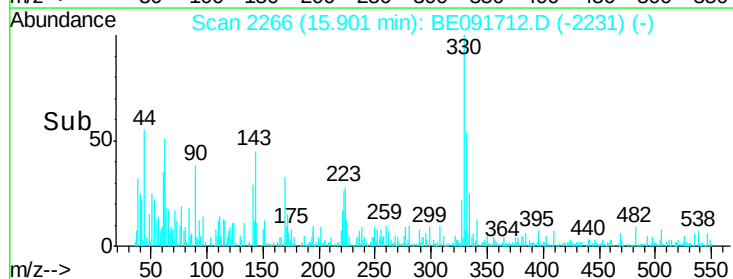
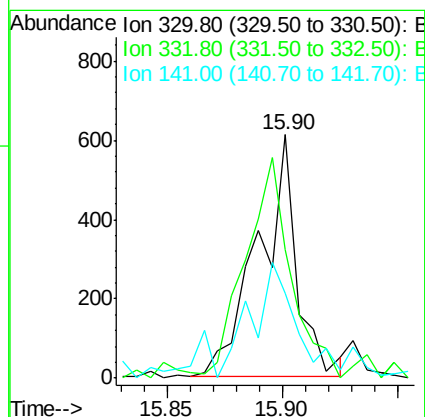
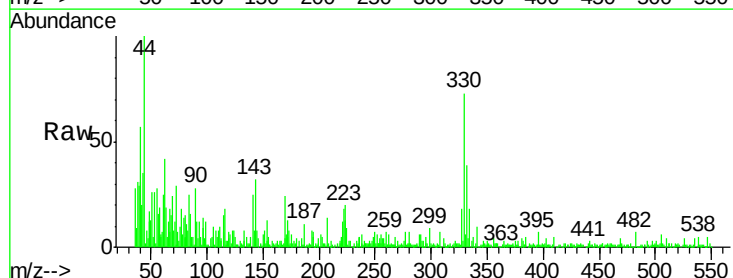
Tgt Ion:330 Resp: 715

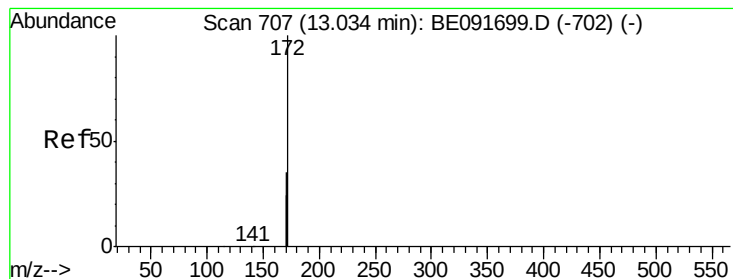
Ion Ratio Lower Upper

330 100

332 106.2 79.1 118.7

141 61.0 125.4 188.0#





#15

2-Fluorobiphenyl

Concen: 0.39 ng

RT: 13.03 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

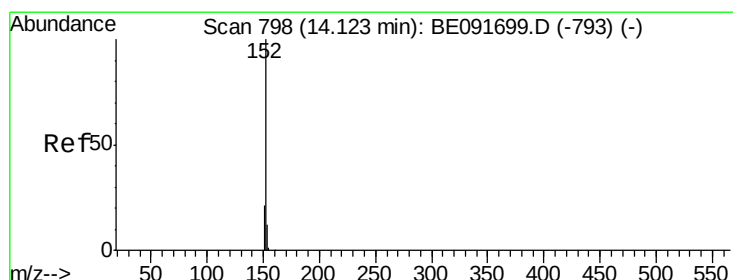
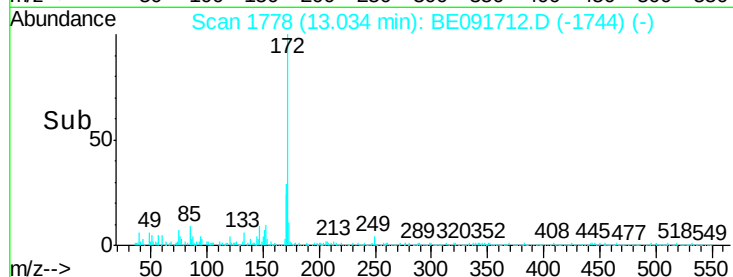
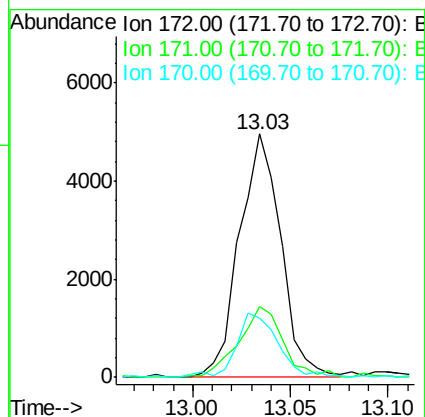
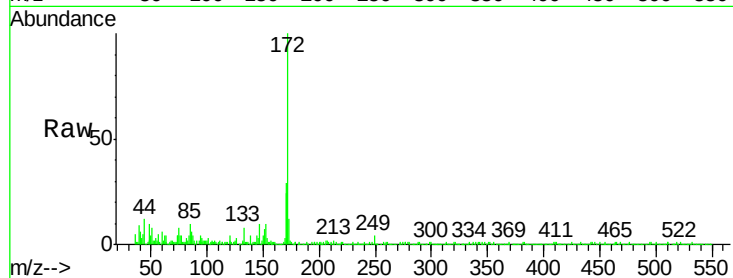
Tgt Ion:172 Resp: 7300

Ion Ratio Lower Upper

172 100

171 29.3 28.8 43.2

170 24.1 19.3 28.9



#16

Acenaphthylene

Concen: 0.36 ng

RT: 14.13 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

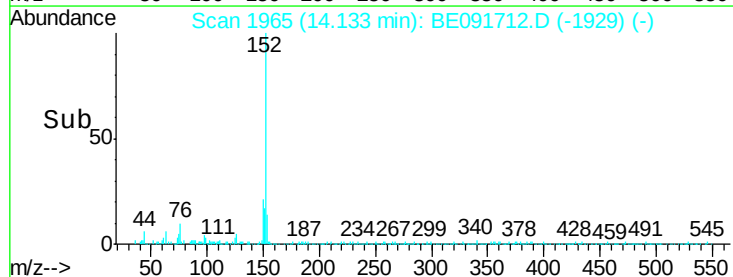
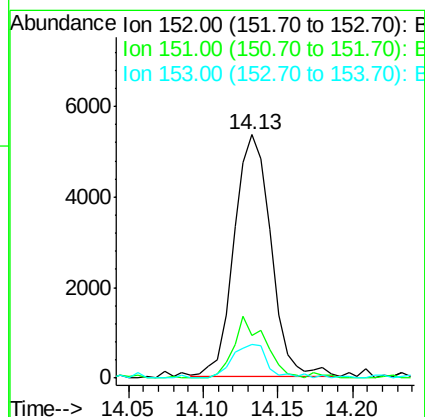
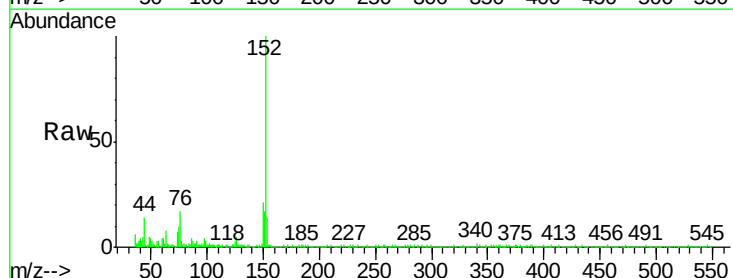
Tgt Ion:152 Resp: 9130

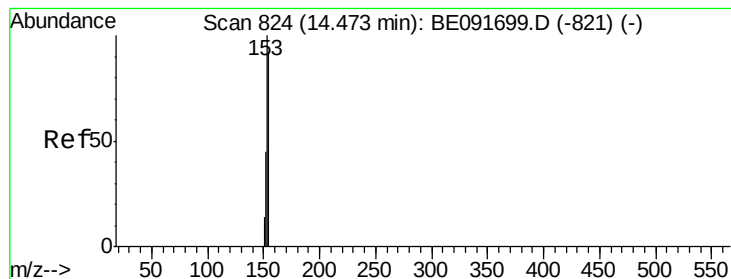
Ion Ratio Lower Upper

152 100

151 21.8 3.9 5.9#

153 13.9 10.3 15.5





#17

Acenaphthene

Concen: 0.37 ng

RT: 14.47 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

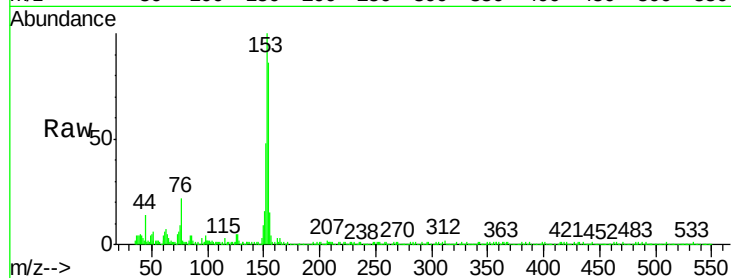
Tgt Ion:154 Resp: 6074

Ion Ratio Lower Upper

154 100

153 130.3 80.0 120.0#

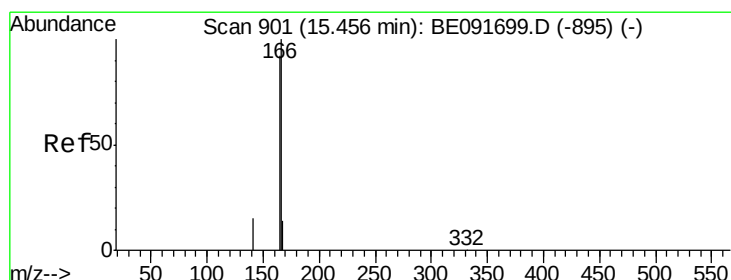
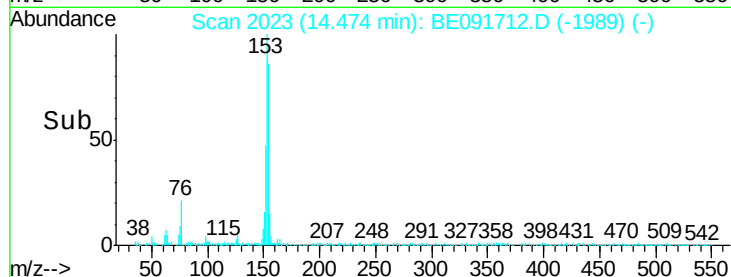
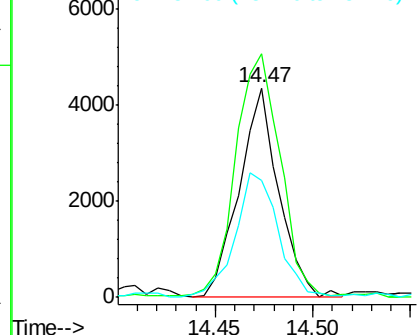
152 64.2 40.0 60.0#



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: 0.39 ng

RT: 15.45 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

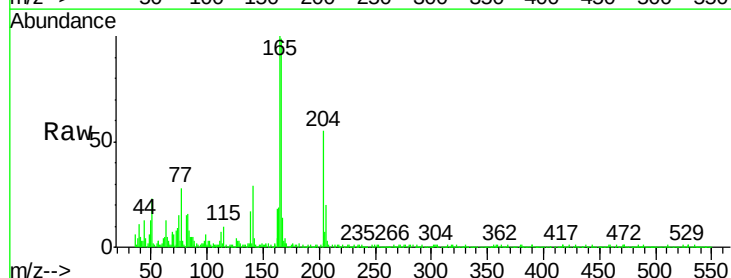
Tgt Ion:166 Resp: 7963

Ion Ratio Lower Upper

166 100

165 97.5 80.8 121.2

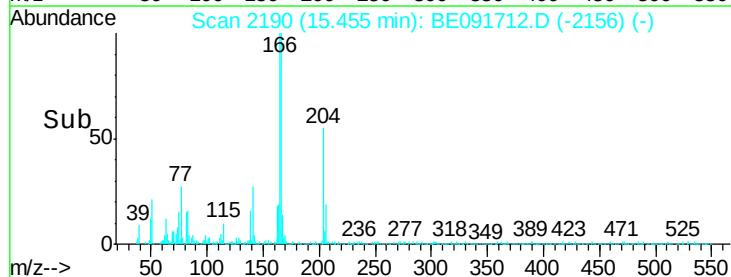
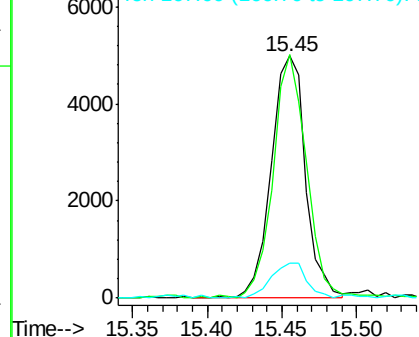
167 15.0 10.9 16.3

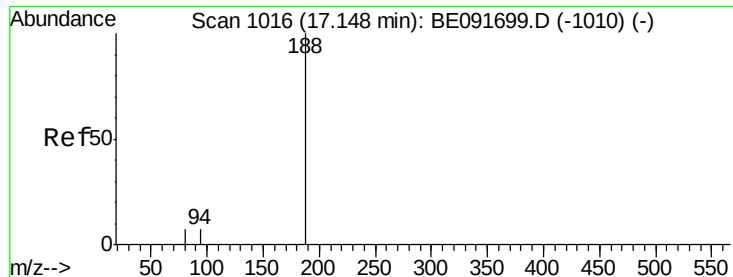


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.14 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

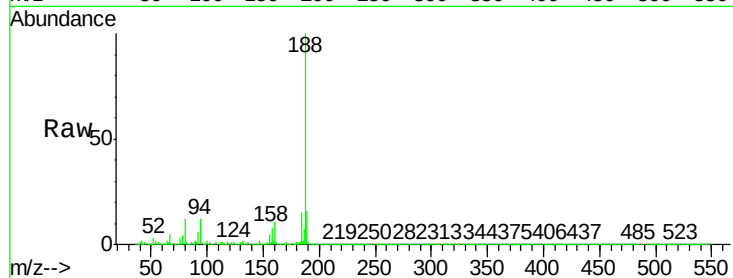
Tgt Ion:188 Resp: 168361

Ion Ratio Lower Upper

188 100

94 11.5 8.7 13.1

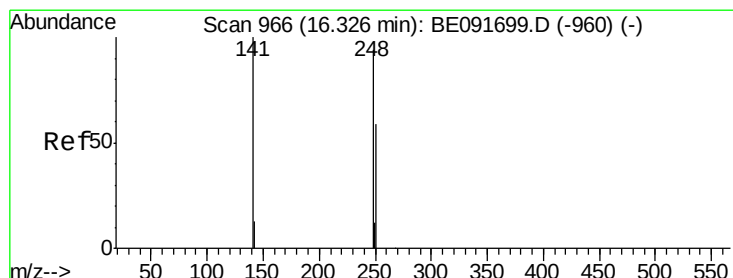
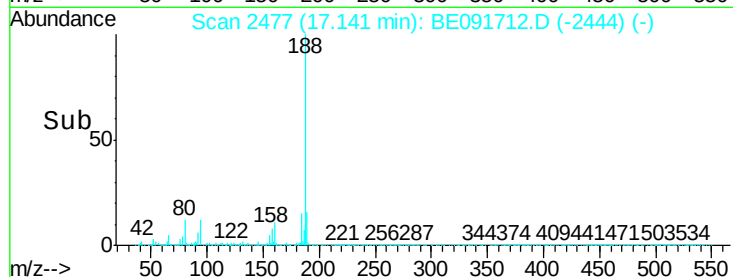
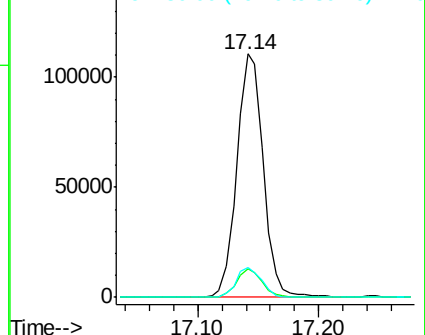
80 12.3 9.4 14.0



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: 0.41 ng

RT: 16.34 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

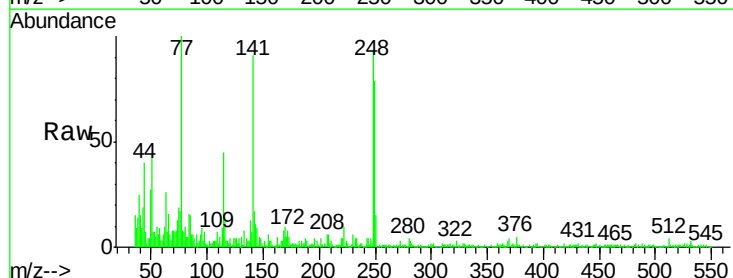
Tgt Ion:248 Resp: 2463

Ion Ratio Lower Upper

248 100

250 95.1 80.5 120.7

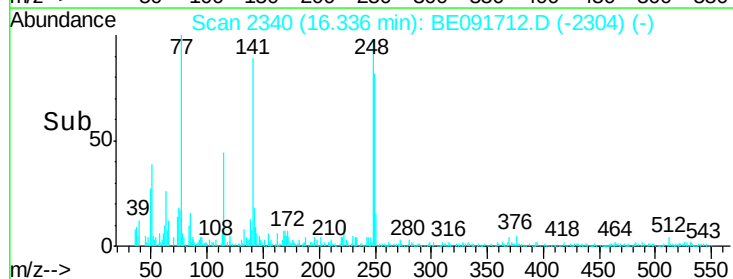
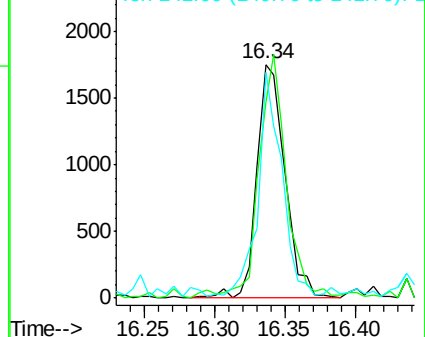
141 82.0 72.0 108.0

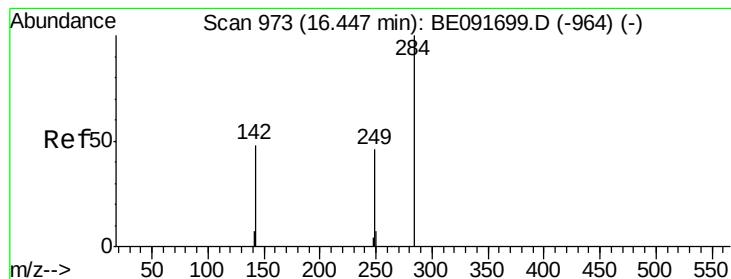


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.41 ng

RT: 16.45 min Scan# 2360

Delta R.T. 0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

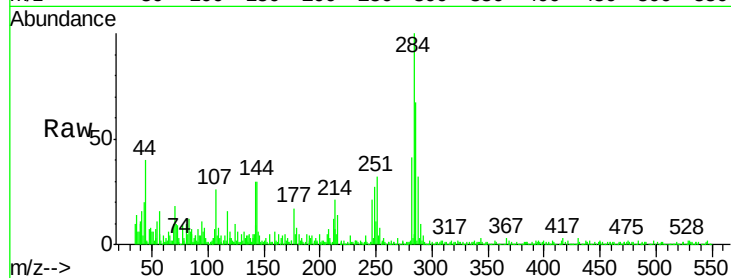
Tgt Ion:284 Resp: 2503

Ion Ratio Lower Upper

284 100

142 47.1 32.2 48.2

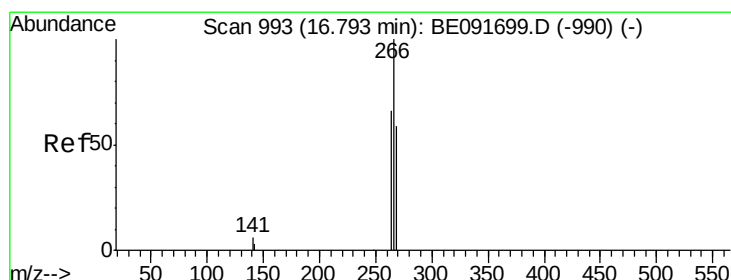
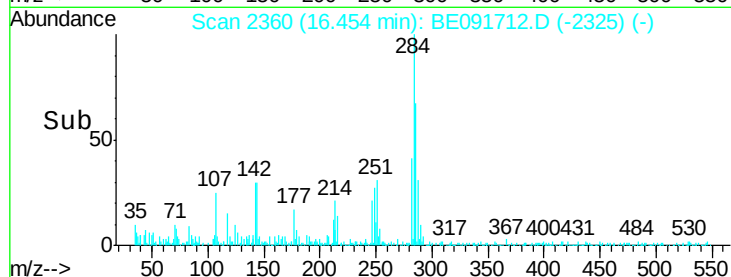
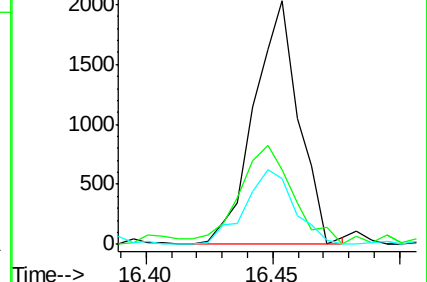
249 34.0 25.4 38.2



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: 0.39 ng

RT: 16.79 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

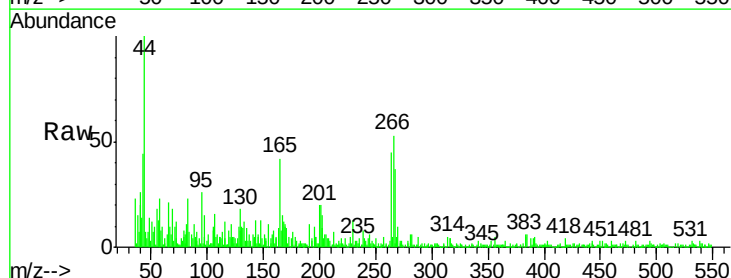
Tgt Ion:266 Resp: 958

Ion Ratio Lower Upper

266 100

268 70.2 58.2 87.2

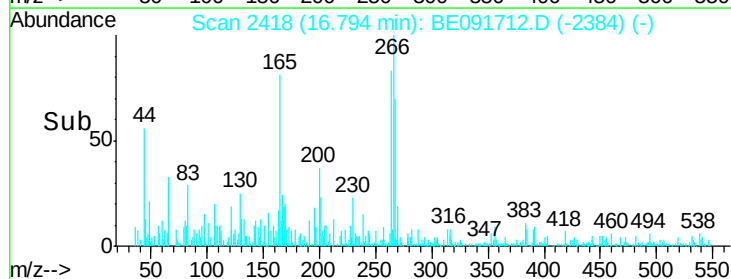
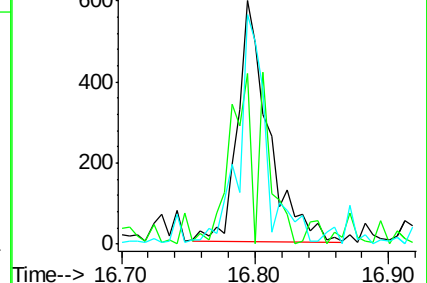
264 94.2 56.2 84.4#

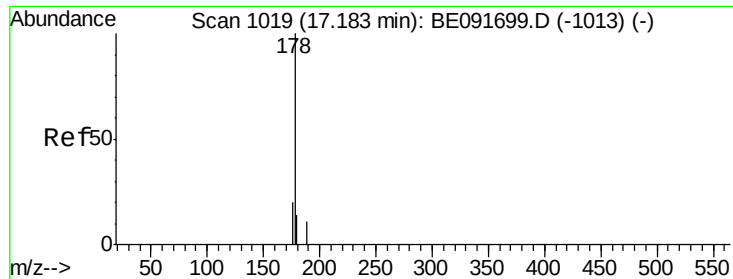


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.42 ng

RT: 17.18 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

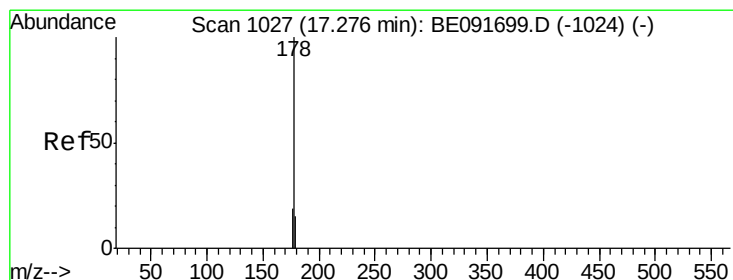
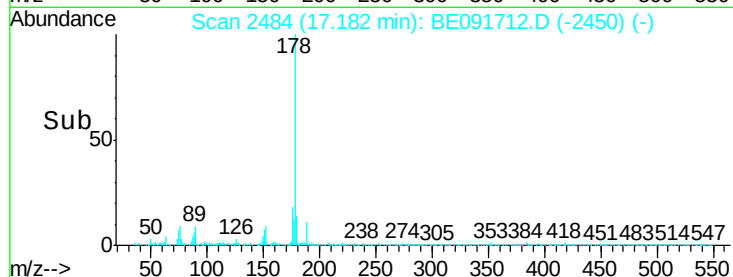
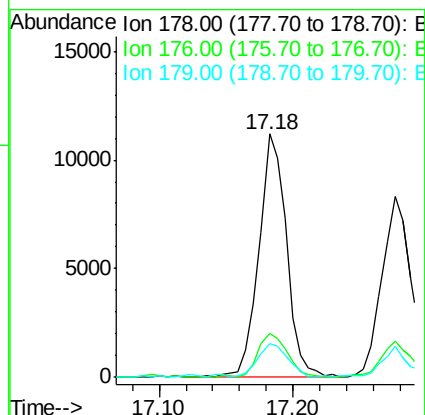
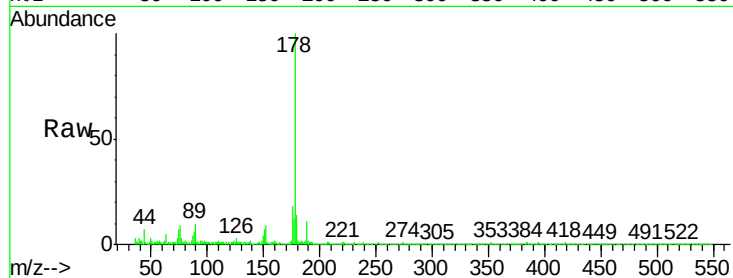
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	178	Resp:	16005
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.2	12.6	18.8



#24

Anthracene

Concen: 0.38 ng

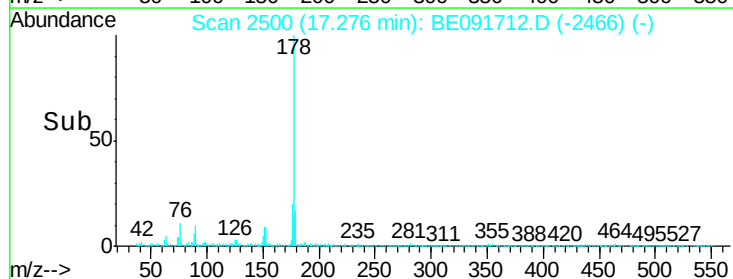
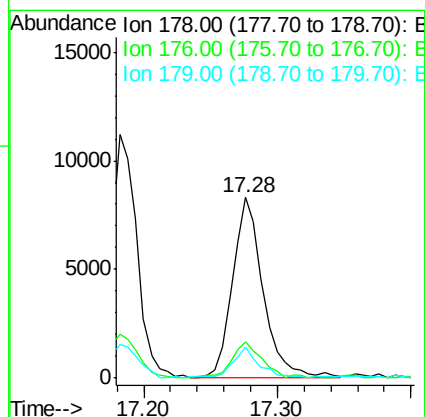
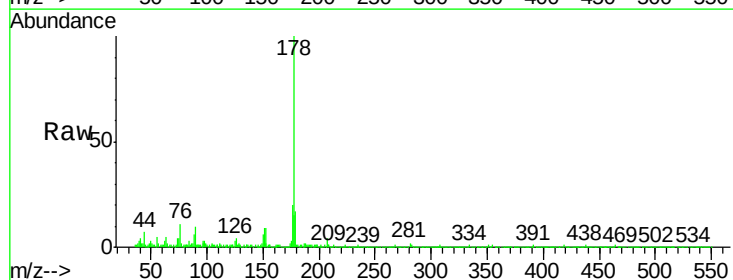
RT: 17.28 min Scan# 2500

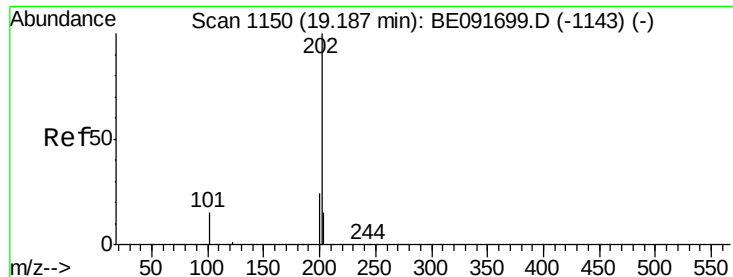
Delta R.T. 0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Tgt Ion:	178	Resp:	13192
Ion	Ratio	Lower	Upper
178	100		
176	20.6	14.6	21.8
179	15.3	11.8	17.6





#25

Fluoranthene

Concen: 0.38 ng

RT: 19.20 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

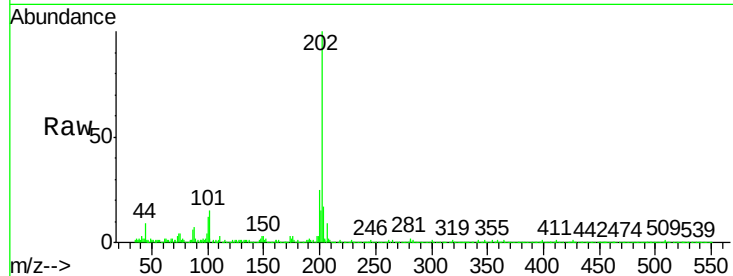
Tgt Ion:202 Resp: 15252

Ion Ratio Lower Upper

202 100

101 13.3 11.0 16.6

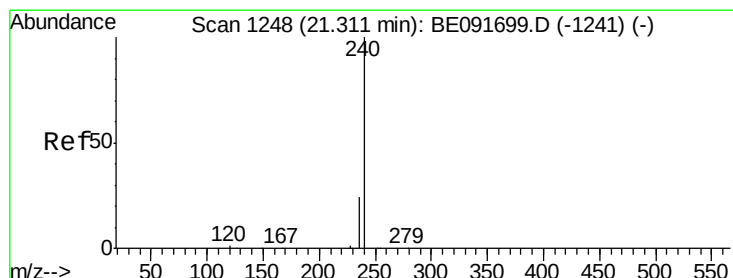
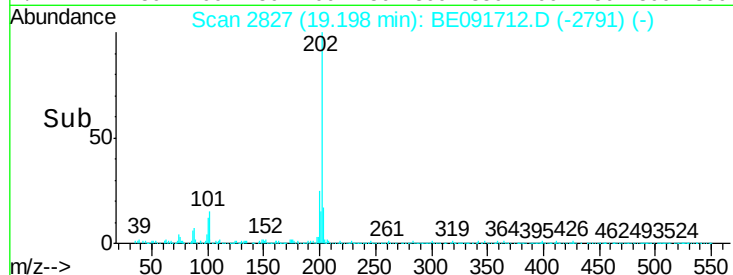
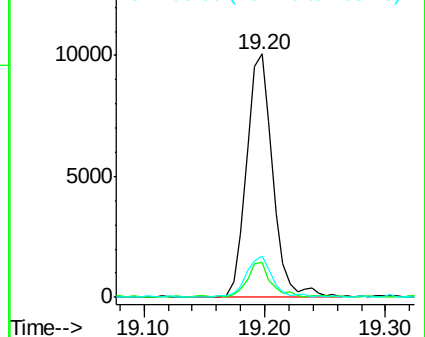
203 17.2 13.9 20.9



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# 3186

Delta R.T. -0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

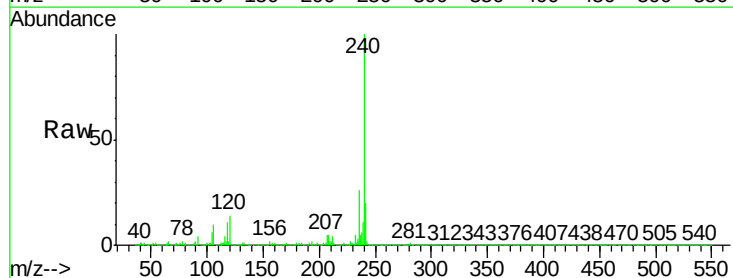
Tgt Ion:240 Resp: 197630

Ion Ratio Lower Upper

240 100

120 13.6 11.0 16.4

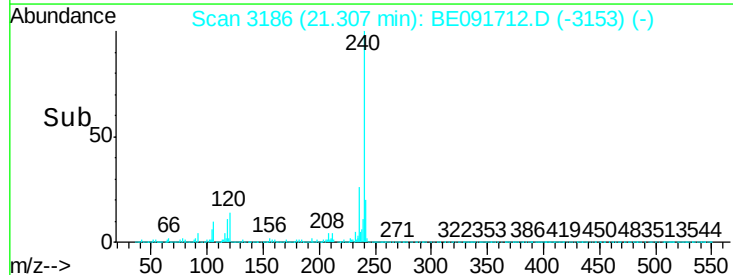
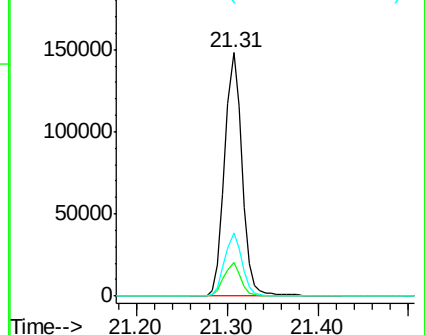
236 26.2 21.7 32.5

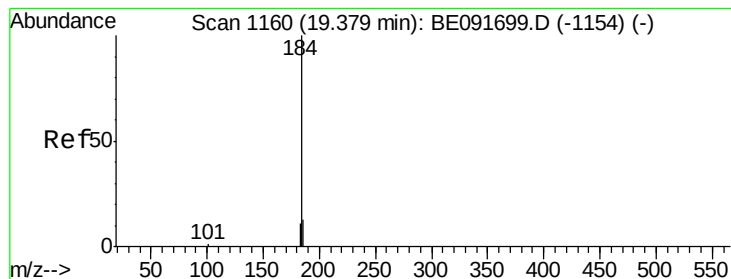


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.38 ng

RT: 19.39 min Scan# 2860

Delta R.T. 0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

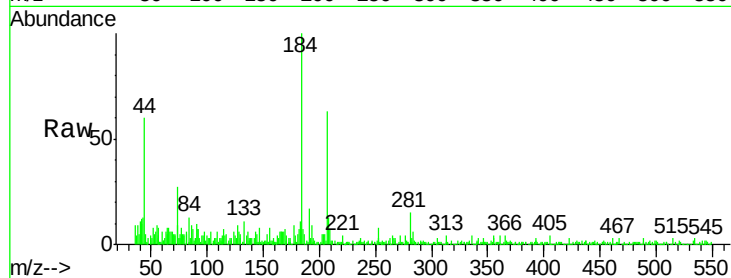
Tgt Ion:184 Resp: 3452

Ion Ratio Lower Upper

184 100

185 7.2 22.3 33.5#

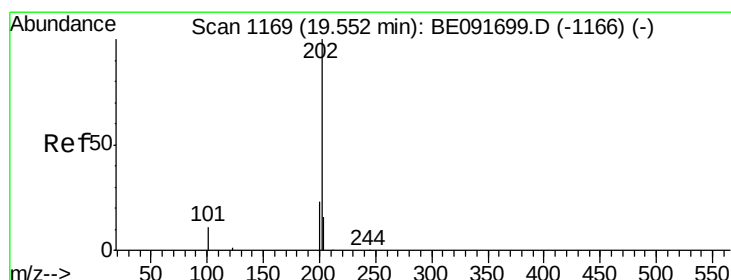
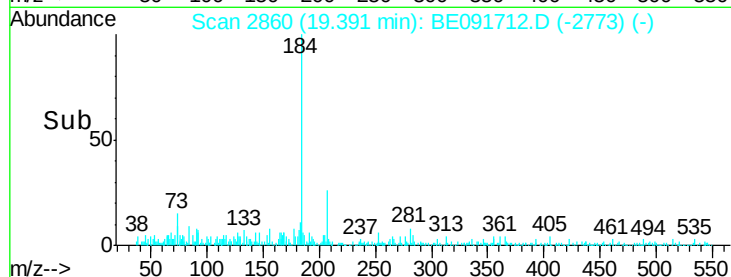
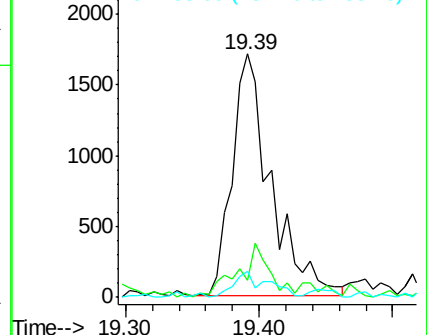
183 10.6 16.4 24.6#



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: 0.35 ng

RT: 19.56 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

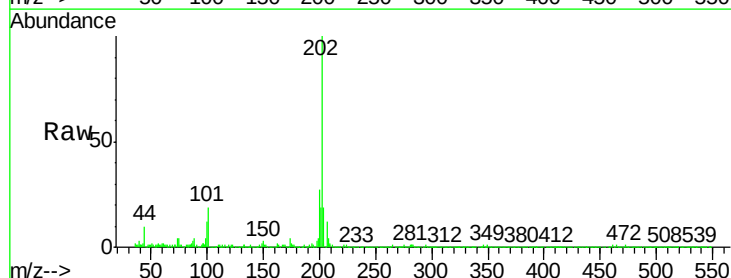
Tgt Ion:202 Resp: 15815

Ion Ratio Lower Upper

202 100

200 24.0 16.8 25.2

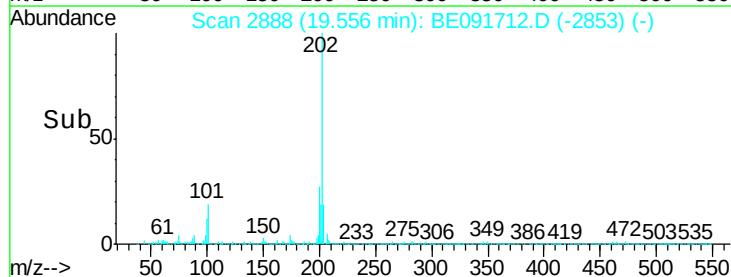
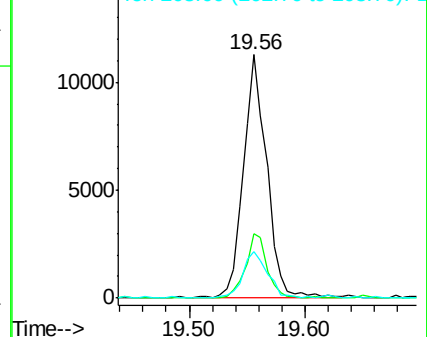
203 20.4 14.0 21.0

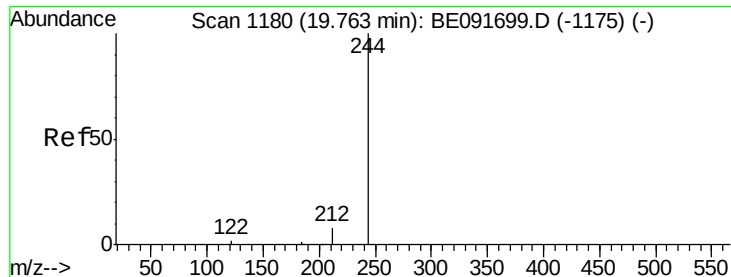


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2923

Delta R.T. -0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

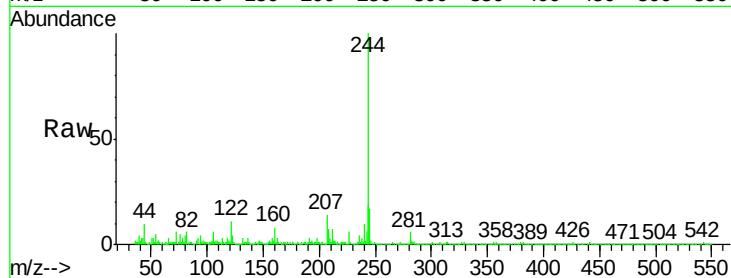
Tgt Ion:244 Resp: 11795

Ion Ratio Lower Upper

244 100

212 6.8 6.9 10.3#

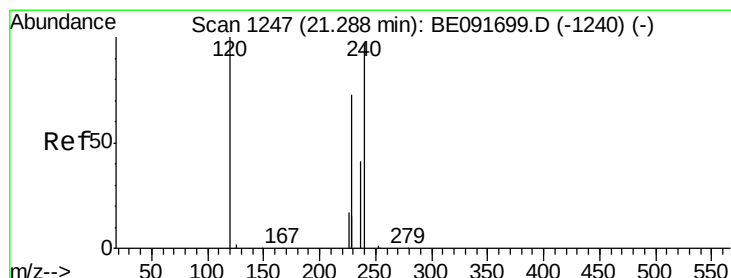
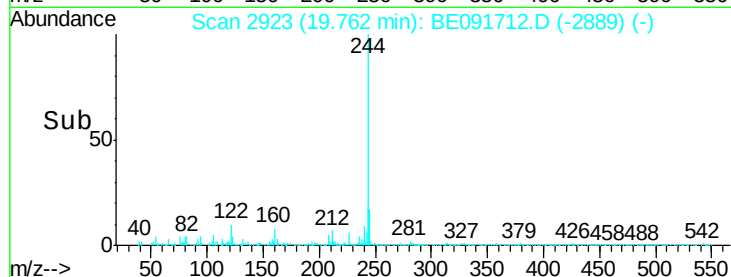
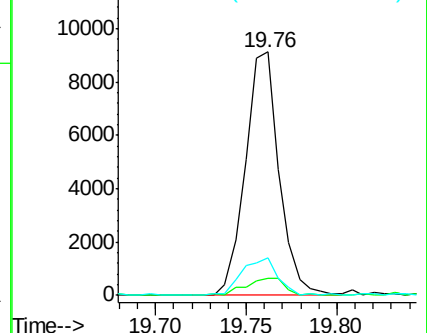
122 15.2 11.0 16.4



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: 0.36 ng

RT: 21.29 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

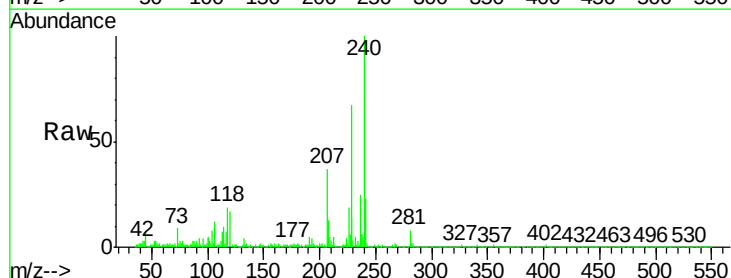
Tgt Ion:228 Resp: 17194

Ion Ratio Lower Upper

228 100

226 28.4 21.0 31.4

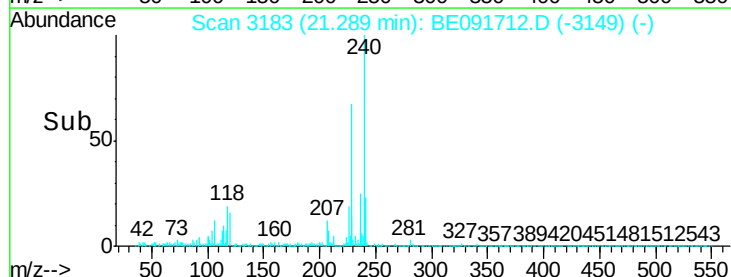
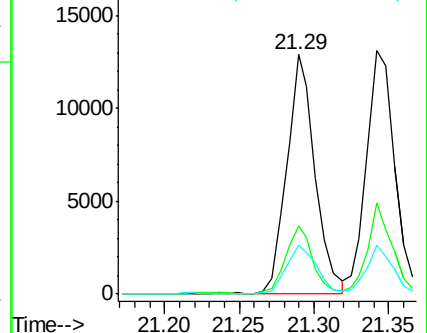
229 20.4 15.7 23.5

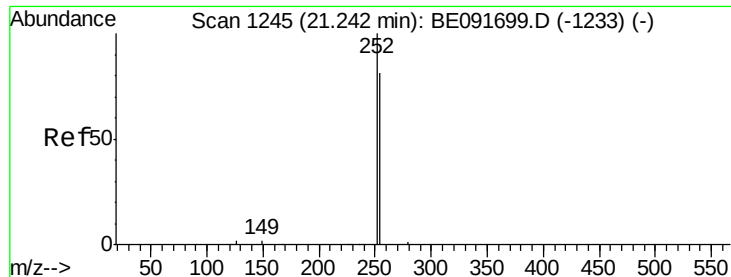


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

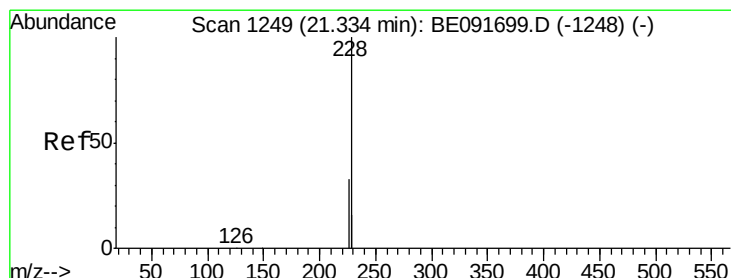
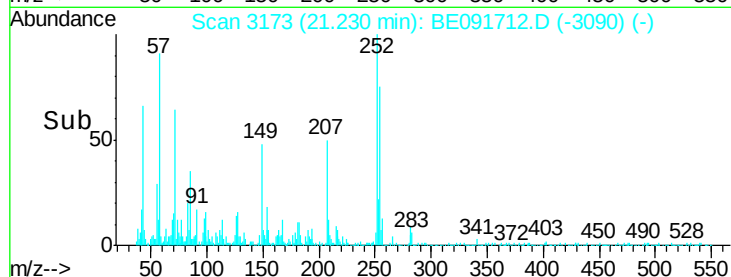
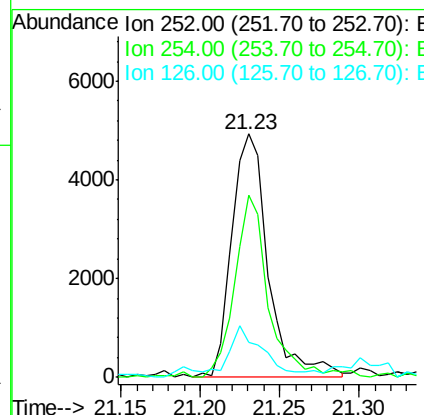
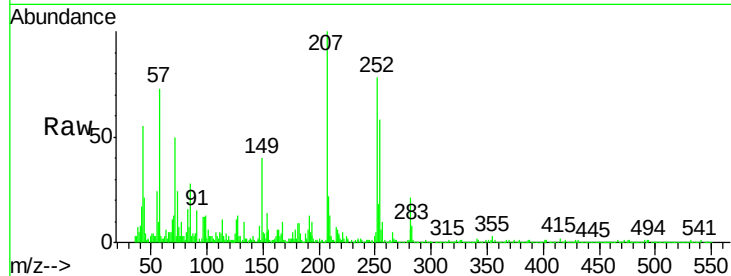




#31
 3,3'-Dichlorobenzidine
 Concen: 0.32 ng
 RT: 21.23 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BE091712.D
 Acq: 26 Apr 2016 20:00

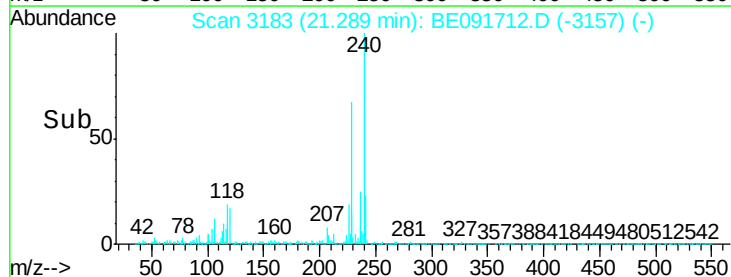
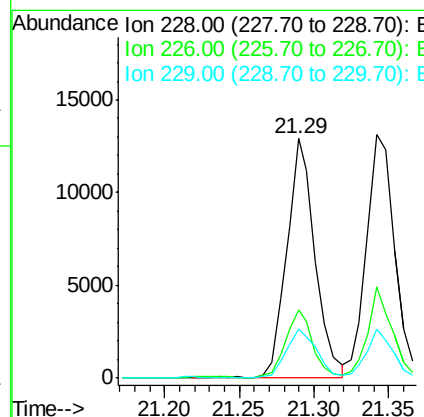
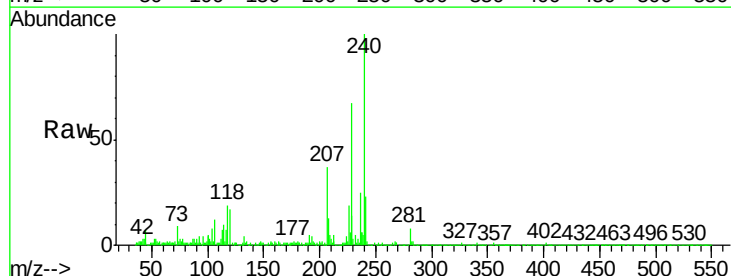
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

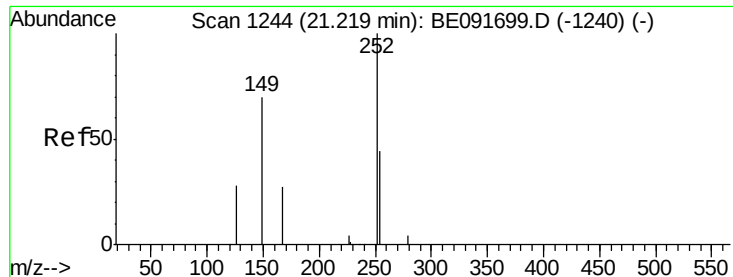
Tgt Ion: 252 Resp: 7864
 Ion Ratio Lower Upper
 252 100
 254 74.6 51.1 76.7
 126 14.6 12.6 18.8



#32
 Chrysene
 Concen: 0.34 ng
 RT: 21.29 min Scan# 3183
 Delta R.T. -0.05 min
 Lab File: BE091712.D
 Acq: 26 Apr 2016 20:00

Tgt Ion: 228 Resp: 17194
 Ion Ratio Lower Upper
 228 100
 226 28.4 24.0 36.0
 229 20.4 15.9 23.9

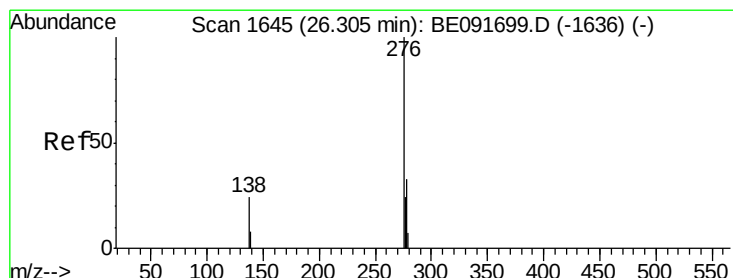
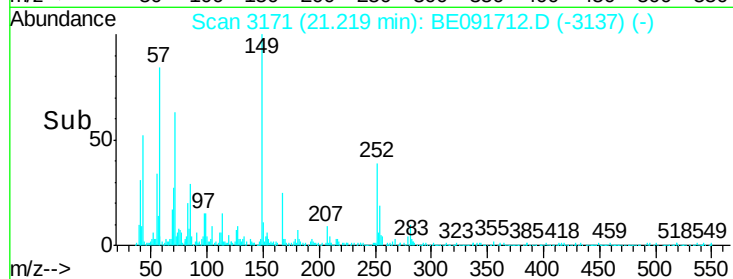
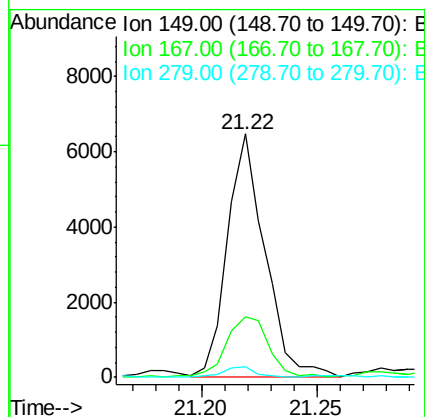
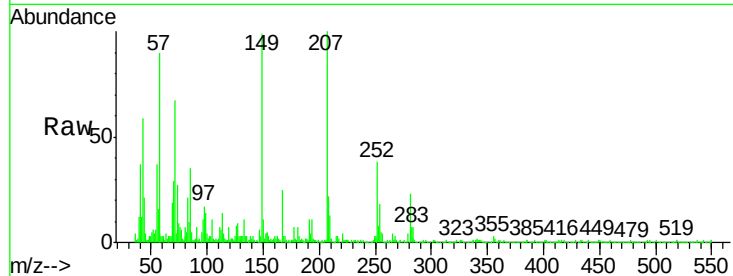




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.50 ng
 RT: 21.22 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BE091712.D
 Acq: 26 Apr 2016 20:00

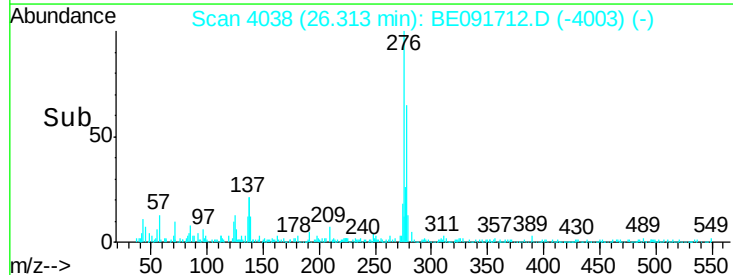
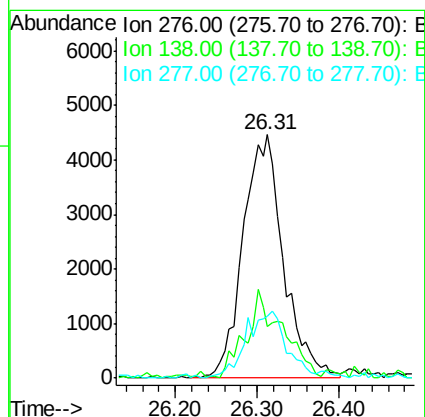
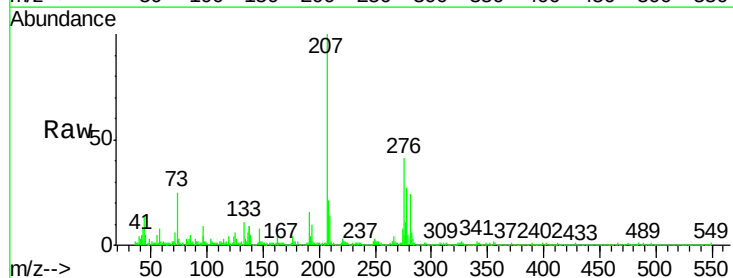
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

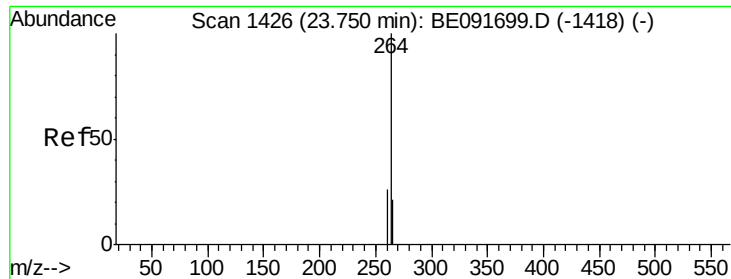
Tgt Ion:149 Resp: 7291
 Ion Ratio Lower Upper
 149 100
 167 28.4 19.5 29.3
 279 3.6 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.34 ng
 RT: 26.31 min Scan# 4038
 Delta R.T. 0.01 min
 Lab File: BE091712.D
 Acq: 26 Apr 2016 20:00

Tgt Ion:276 Resp: 15286
 Ion Ratio Lower Upper
 276 100
 138 31.5 23.4 35.2
 277 27.5 19.8 29.8





#35

Perylene-d12

Concen: 5.00 ng

RT: 23.75 min Scan# 3601

Delta R.T. -0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

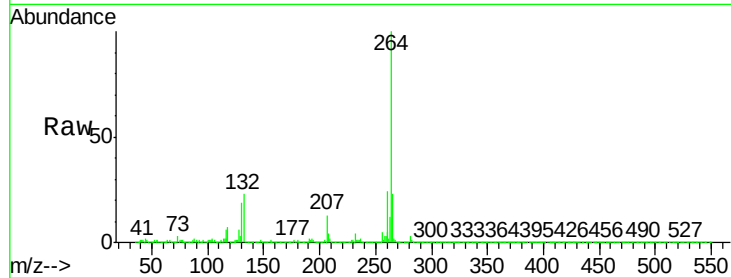
Tgt Ion:264 Resp: 178156

Ion Ratio Lower Upper

264 100

260 24.2 20.0 30.0

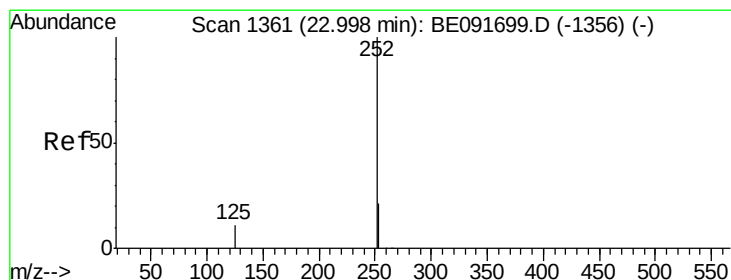
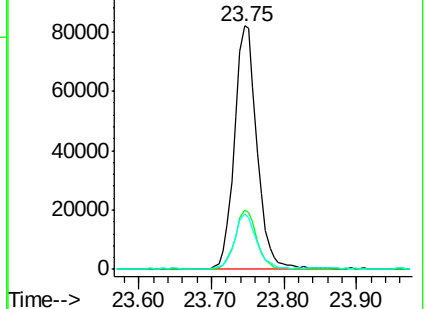
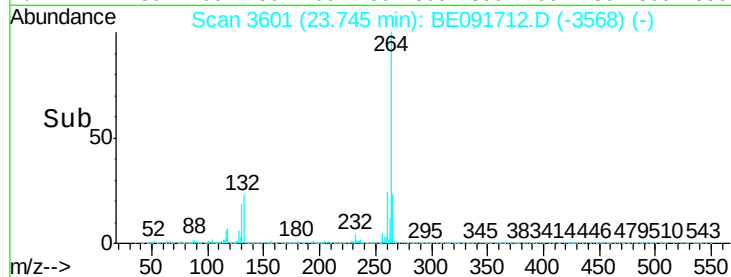
265 22.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#36

Benzo(b)fluoranthene

Concen: 0.34 ng

RT: 23.05 min Scan# 3482

Delta R.T. 0.05 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

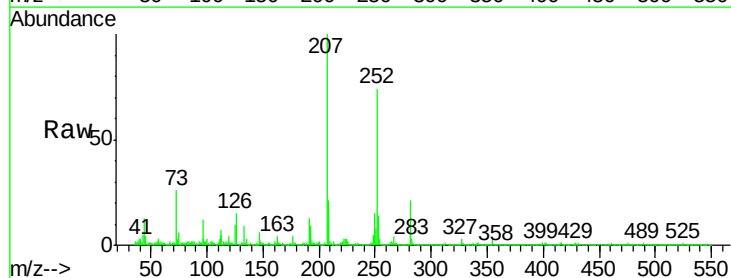
Tgt Ion:252 Resp: 14153

Ion Ratio Lower Upper

252 100

253 19.4 17.4 26.0

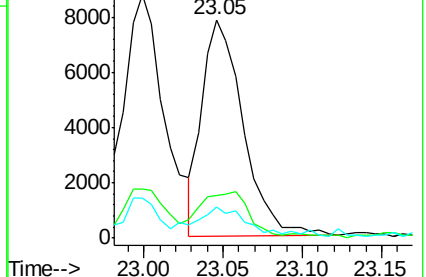
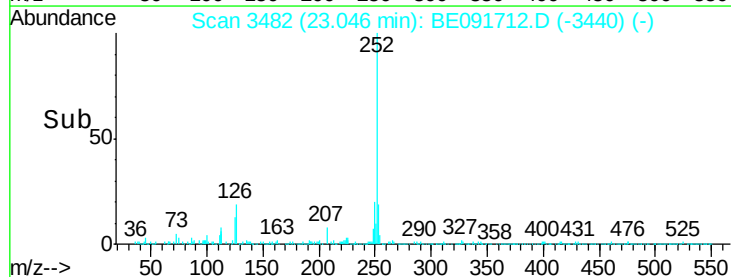
125 14.0 10.2 15.2

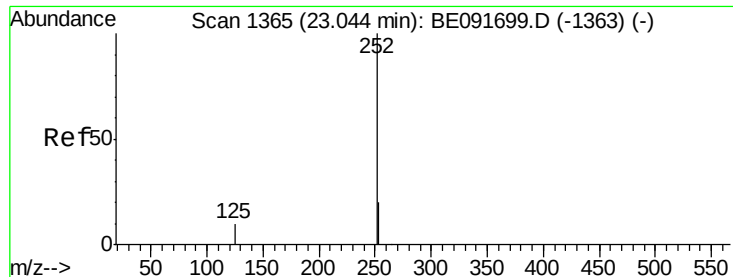


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(k)fluoranthene

Concen: 0.33 ng

RT: 23.05 min Scan# 3482

Delta R.T. 0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

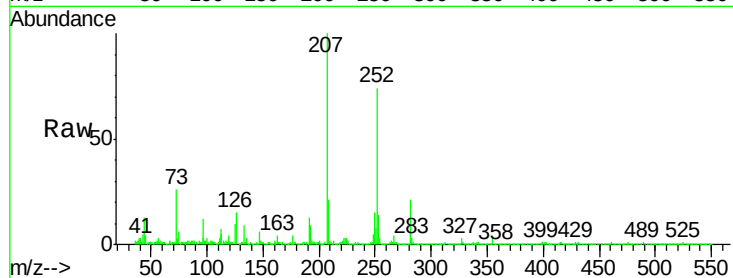
Tgt Ion:252 Resp: 14153

Ion Ratio Lower Upper

252 100

253 19.4 17.6 26.4

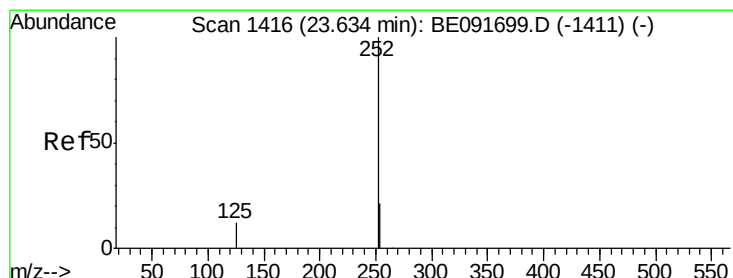
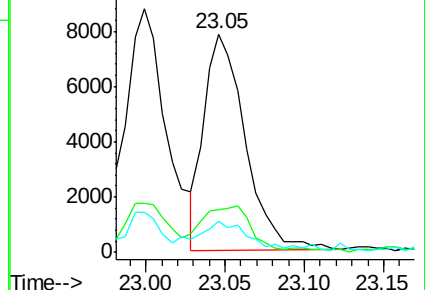
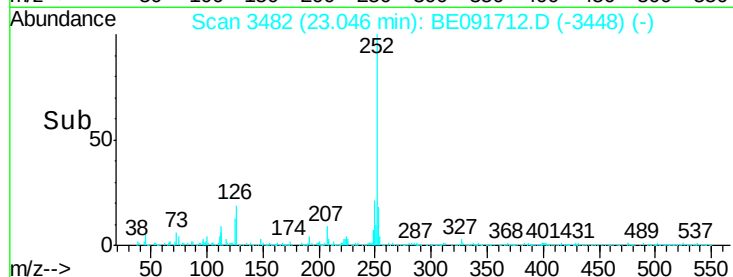
125 14.0 9.9 14.9



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: 0.37 ng

RT: 23.63 min Scan# 3582

Delta R.T. -0.00 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

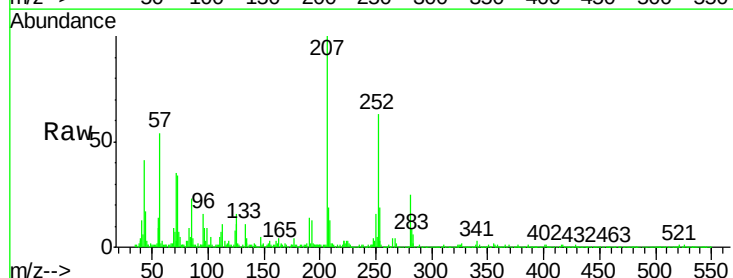
Tgt Ion:252 Resp: 14419

Ion Ratio Lower Upper

252 100

253 29.6 18.1 27.1#

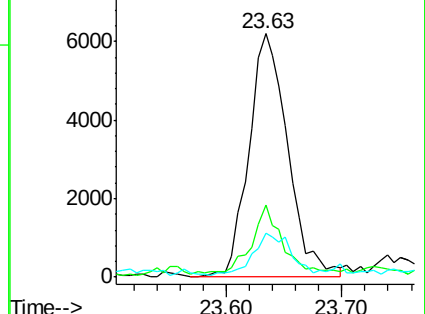
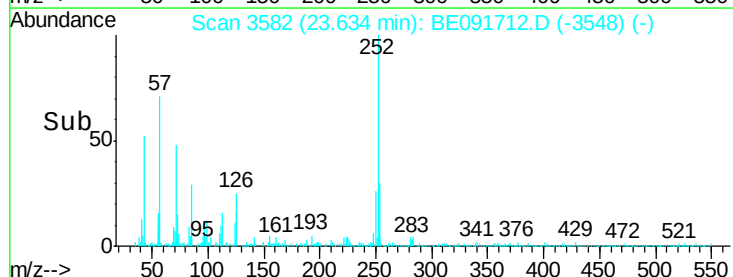
125 18.1 11.0 16.4#

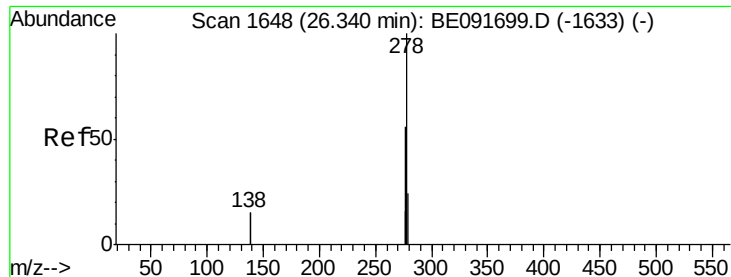


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.35 ng

RT: 26.33 min Scan# 4041

Delta R.T. -0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

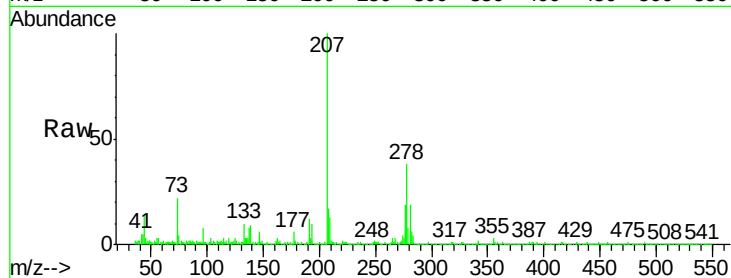
Tgt Ion:278 Resp: 13008

Ion Ratio Lower Upper

278 100

139 20.7 16.0 24.0

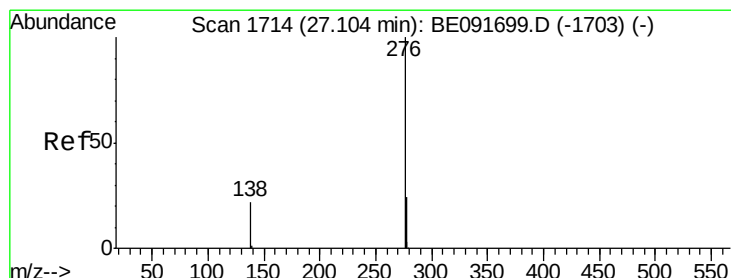
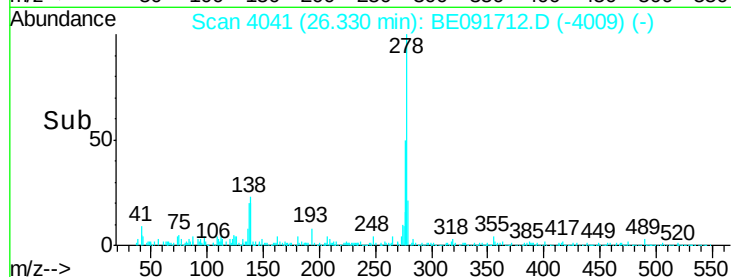
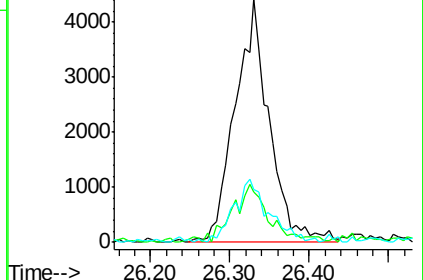
279 21.5 19.4 29.2



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: 0.36 ng

RT: 27.09 min Scan# 4171

Delta R.T. -0.01 min

Lab File: BE091712.D

Acq: 26 Apr 2016 20:00

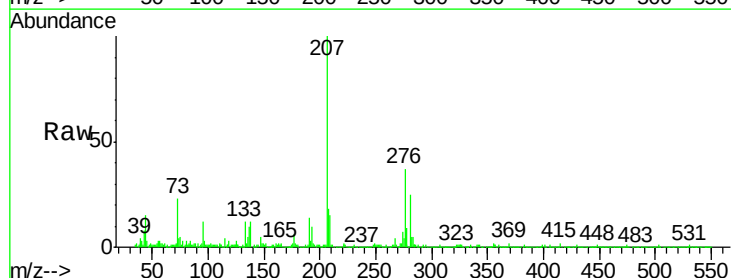
Tgt Ion:276 Resp: 13740

Ion Ratio Lower Upper

276 100

277 24.7 18.6 28.0

138 31.8 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

