

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
 Data File : BE091689.D
 Acq On : 20 Apr 2016 17:36
 Operator : UM/SJ
 Sample : SSTDICC10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 20 18:16:57 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:26:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	33342	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	165068	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	99670	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	257468	5.00	ng	0.00
26) Chrysene-d12	21.31	240	275293	5.00	ng	0.00
35) Perylene-d12	23.75	264	255810	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	78727	10.85	ng	-0.02
5) Phenol-d6	6.95	99	115462	11.80	ng	-0.02
8) Nitrobenzene-d5	8.95	82	109771	12.97	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	40525	19.24	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	270181	9.73	ng	-0.01
29) Terphenyl-d14	19.76	244	412418	10.99	ng	0.00

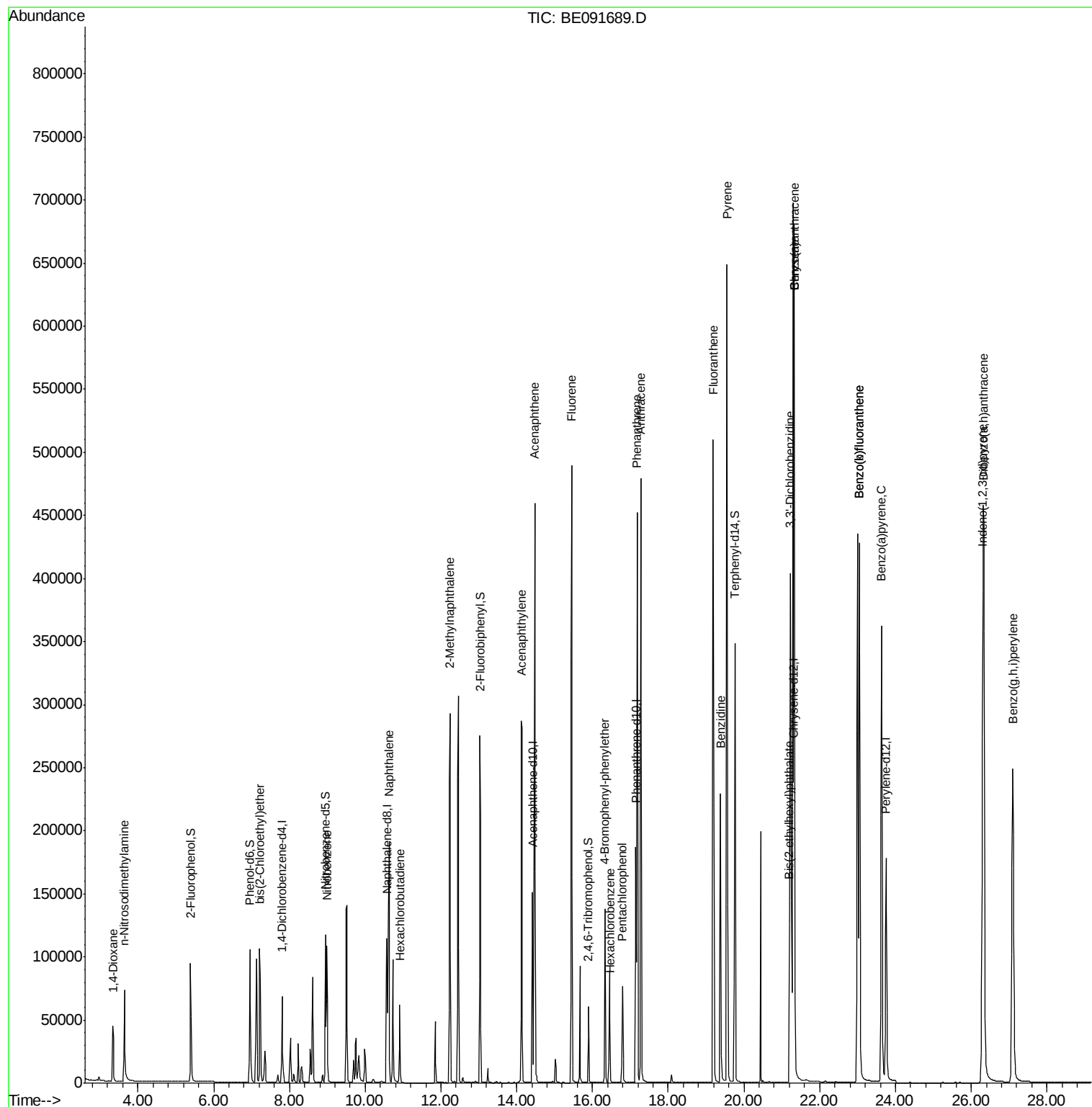
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	34498	8.02	ng	# 88
3) n-Nitrosodimethylamine	3.64	42	53835	11.26	ng	# 96
6) bis(2-Chloroethyl)ether	7.21	93	95511	10.63	ng	# 76
9) Nitrobenzene	8.99	77	119208	14.00	ng	92
10) Naphthalene	10.63	128	326449	9.71	ng	97
11) Hexachlorobutadiene	10.92	225	51443	10.56	ng	98
12) 2-Methylnaphthalene	12.24	142	220472	10.27	ng	94
16) Acenaphthylene	14.12	152	432619	11.79	ng	# 86
17) Acenaphthene	14.47	154	247674	10.10	ng	92
18) Fluorene	15.46	166	307864	10.25	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	87161	9.77	ng	96
21) Hexachlorobenzene	16.46	284	86830	9.18	ng	97
22) Pentachlorophenol	16.79	266	49676	15.84	ng	89
23) Phenanthrene	17.18	178	522926	8.94	ng	99
24) Anthracene	17.28	178	521941	10.05	ng	98
25) Fluoranthene	19.19	202	580554	9.99	ng	98
27) Benzidine	19.38	184	282535	14.13	ng	# 76
28) Pyrene	19.55	202	638786	11.61	ng	98
30) Benzo(a)anthracene	21.33	228	1362758	21.35	ng	# 92
31) 3,3'-Dichlorobenzidine	21.22	252	377304	15.09	ng	# 82
32) Chrysene	21.33	228	1366949	21.11	ng	96
33) Bis(2-ethylhexyl)phthalate	21.20	149	227064	19.42	ng	# 57
34) Indeno(1,2,3-cd)pyrene	26.31	276	684846	11.62	ng	97
36) Benzo(b)fluoranthene	23.04	252	602529	10.70	ng	98
37) Benzo(k)fluoranthene	23.04	252	613134	10.26	ng	97
38) Benzo(a)pyrene	23.63	252	585521	11.15	ng	97
39) Dibenzo(a,h)anthracene	26.33	278	571835	11.15	ng	97
40) Benzo(g,h,i)perylene	27.10	276	581863	10.94	ng	96

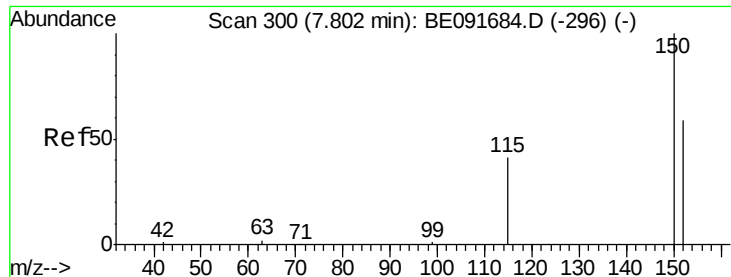
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE091689.D

Acq: 20 Apr 2016 17:36

Instrument :

BNA_E

ClientSampleId :

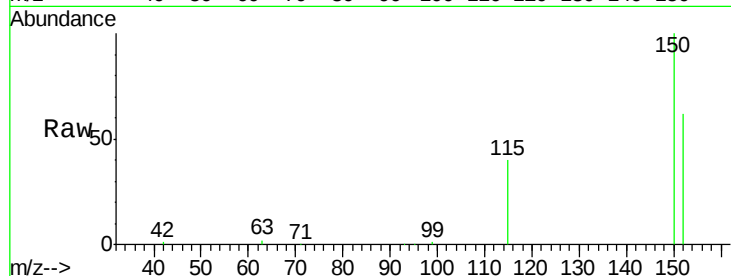
Tot Ion:152 Resp: 33342

Ion Ratio Lower Upper

152 100

150 162.4 122.6 183.8

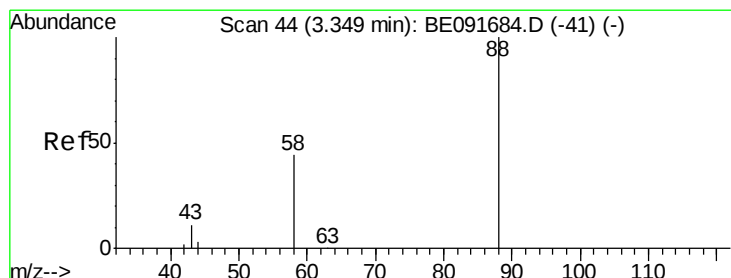
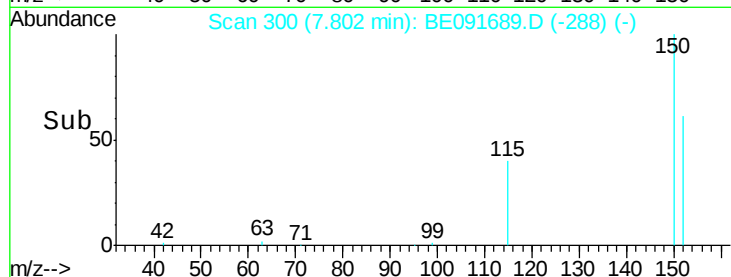
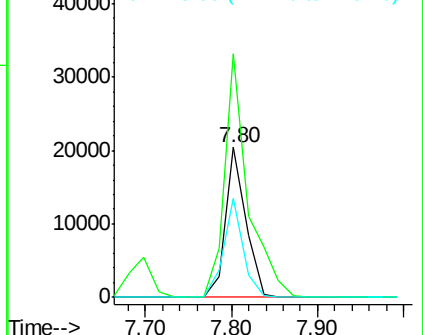
115 65.6 52.8 79.2



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: 8.02 ng

RT: 3.35 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

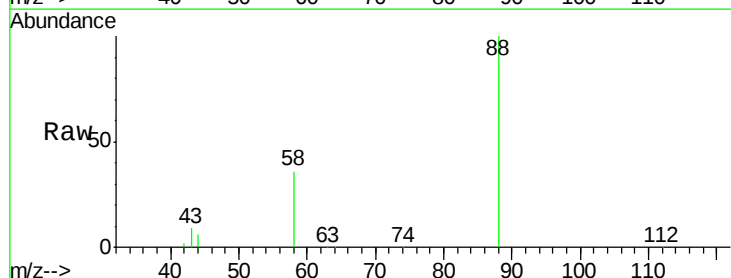
Tgt Ion: 88 Resp: 34498

Ion Ratio Lower Upper

88 100

58 91.8 65.8 98.6

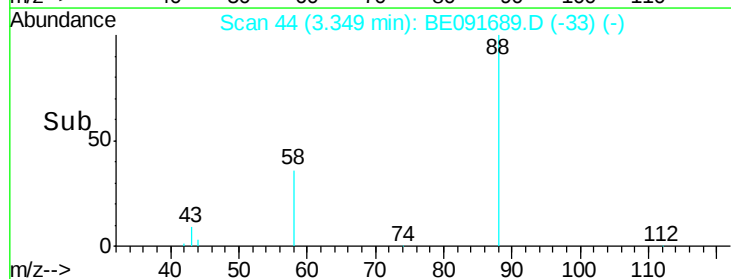
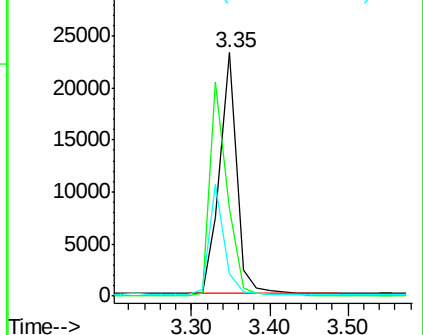
43 40.8 25.3 37.9#

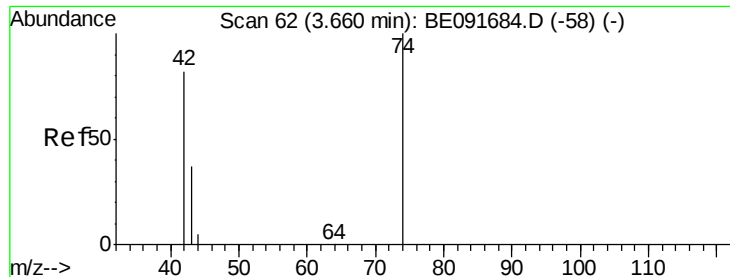


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



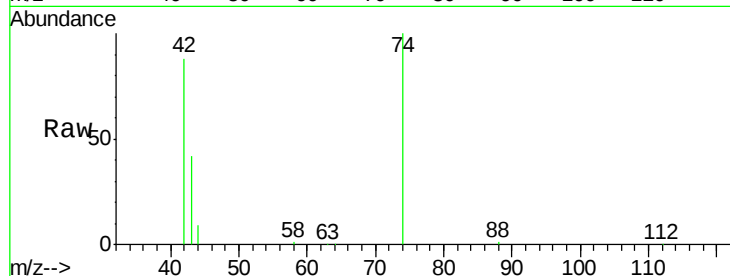


#3

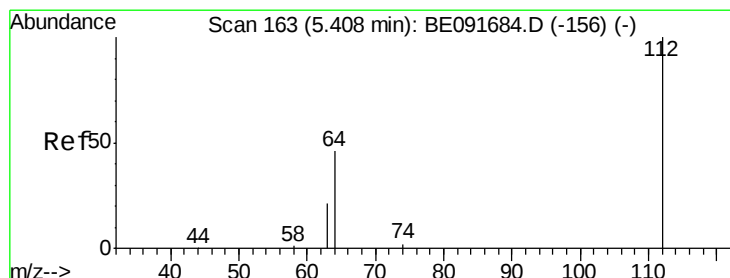
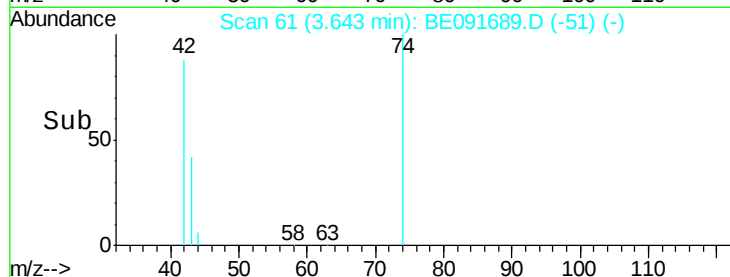
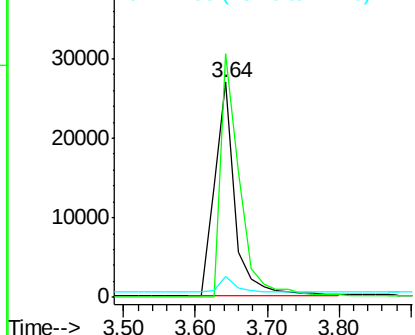
n-Nitrosodimethylamine
Concen: 11.26 ng
RT: 3.64 min Scan# 61
Delta R.T. -0.02 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 53835
Ion Ratio Lower Upper
42 100
74 105.7 87.9 131.9
44 5.8 6.6 9.8#



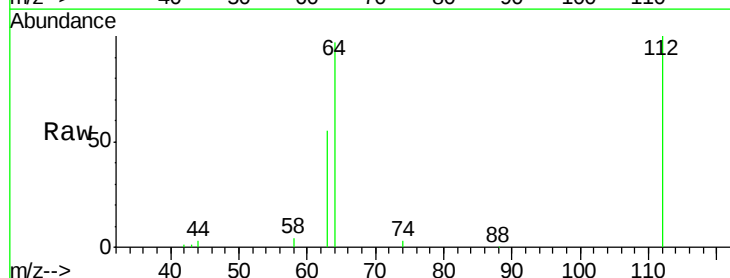
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



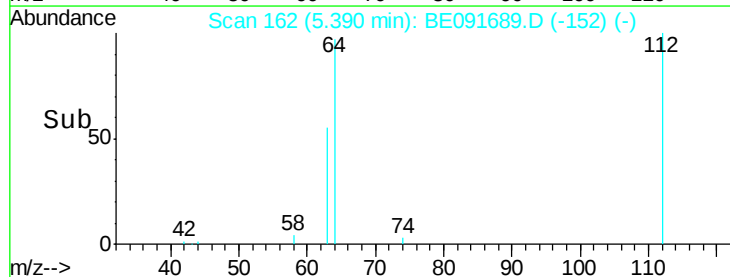
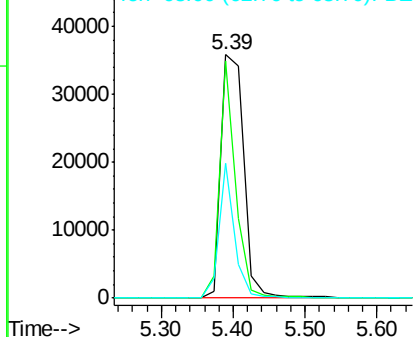
#4

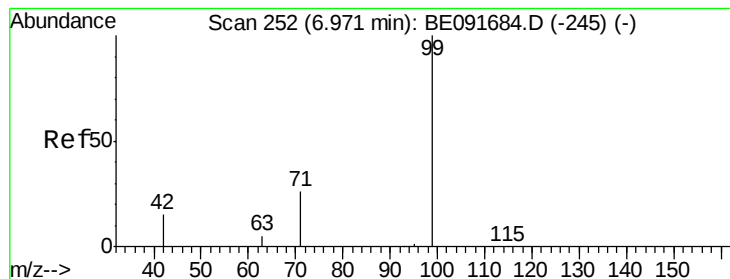
2-Fluorophenol
Concen: 10.85 ng
RT: 5.39 min Scan# 162
Delta R.T. -0.02 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

Tgt Ion: 112 Resp: 78727
Ion Ratio Lower Upper
112 100
64 68.6 30.9 46.3#
63 37.6 16.7 25.1#



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





#5

Phenol-d6

Concen: 11.80 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.02 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

Instrument :

BNA_E

ClientSampleId :

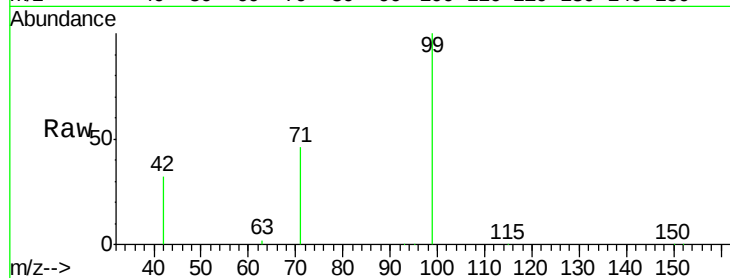
Tot Ion: 99 Resp: 115462

Ion Ratio Lower Upper

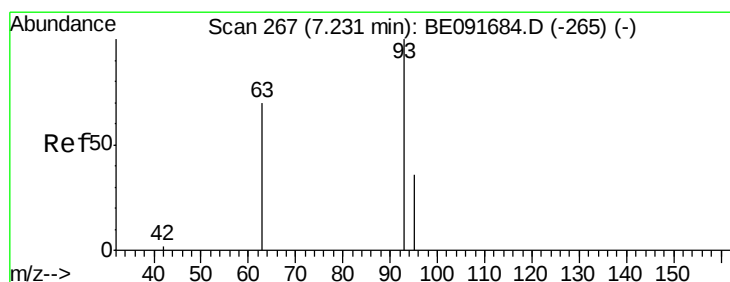
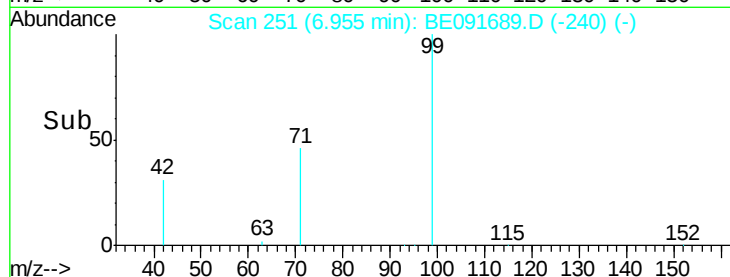
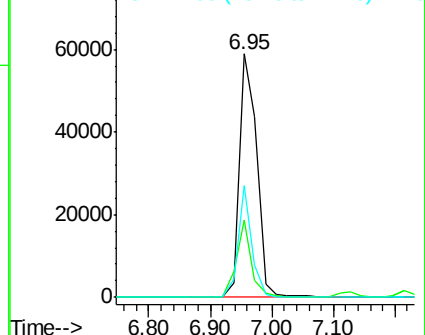
99 100

42 27.1 16.2 24.2#

71 36.4 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: 10.63 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.02 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

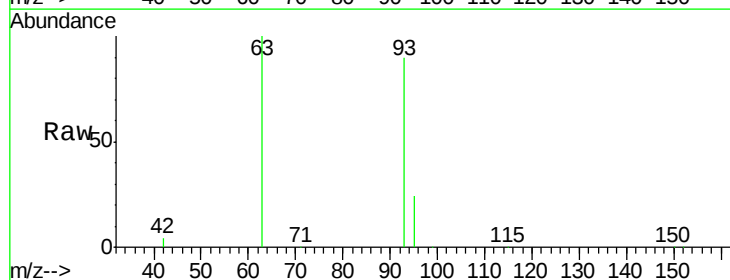
Tgt Ion: 93 Resp: 95511

Ion Ratio Lower Upper

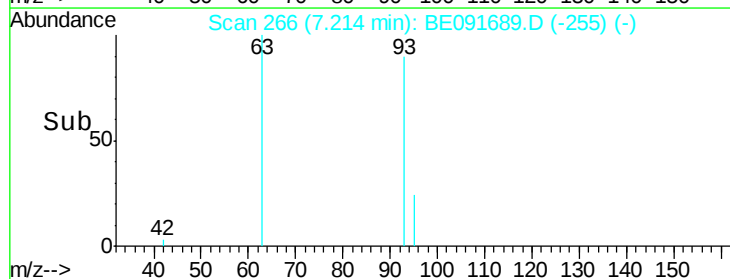
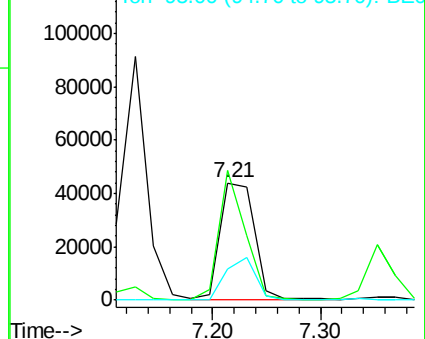
93 100

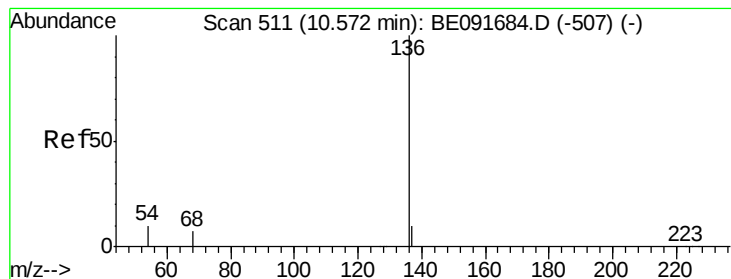
63 85.7 49.5 74.3#

95 32.5 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: BE091689.D

Acq: 20 Apr 2016 17:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 165068

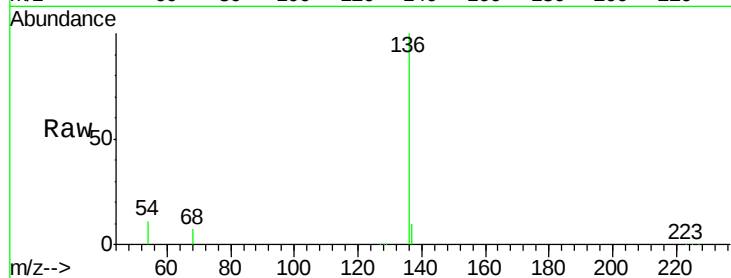
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 10.6 8.2 12.4

68 7.3 6.2 9.4

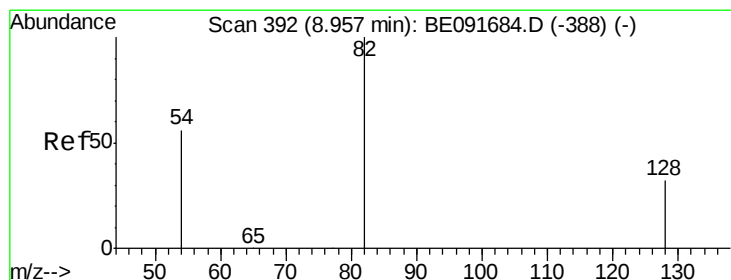
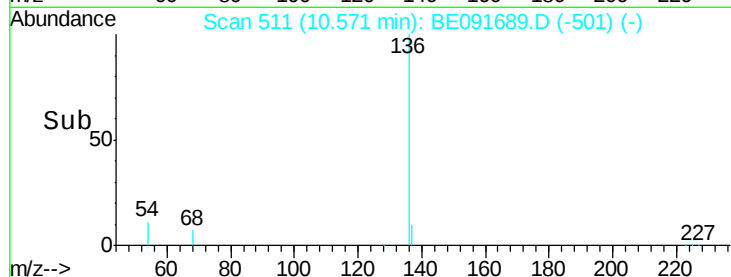
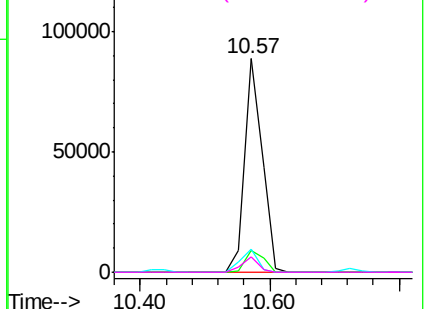


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.97 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.01 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

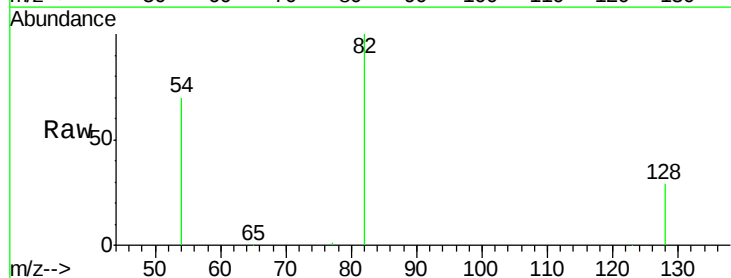
Tgt Ion: 82 Resp: 109771

Ion Ratio Lower Upper

82 100

128 28.7 25.4 38.0

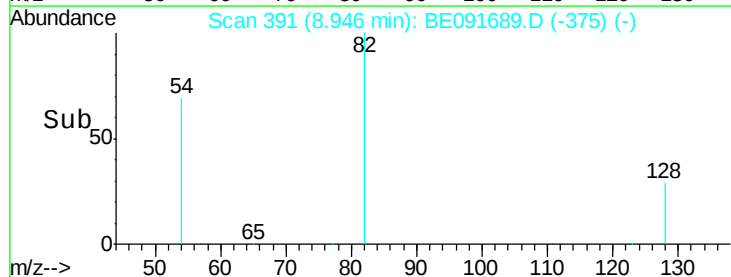
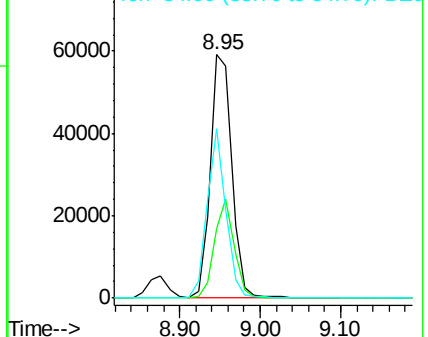
54 69.5 48.4 72.6

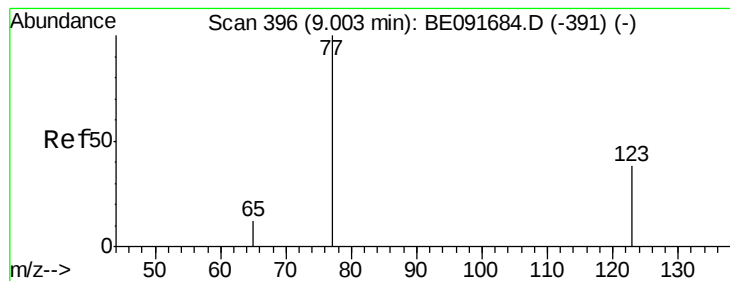


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 14.00 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

Instrument :

BNA_E

ClientSampleId :

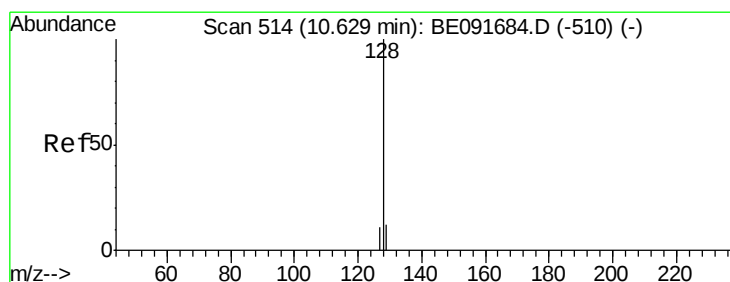
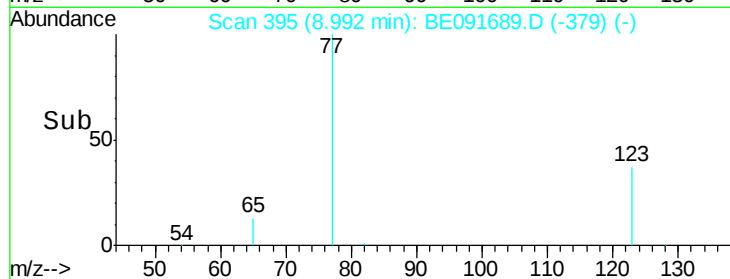
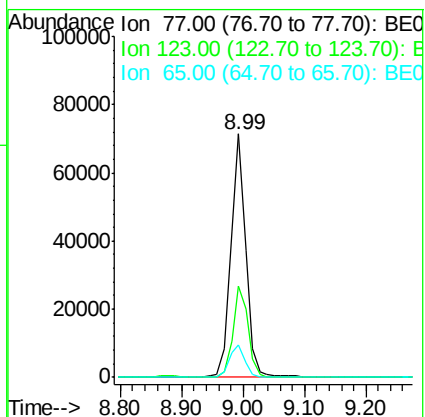
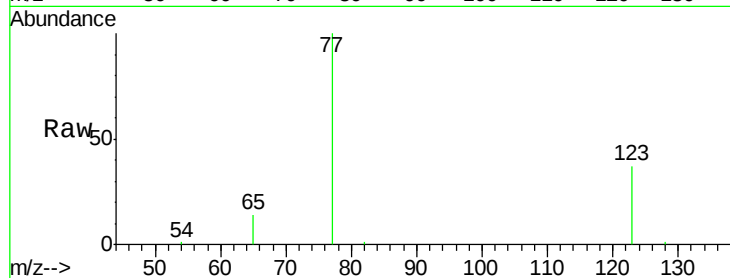
Tot Ion: 77 Resp: 119208

Ion Ratio Lower Upper

77 100

123 38.5 26.9 40.3

65 14.1 9.4 14.2



#10

Naphthalene

Concen: 9.71 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

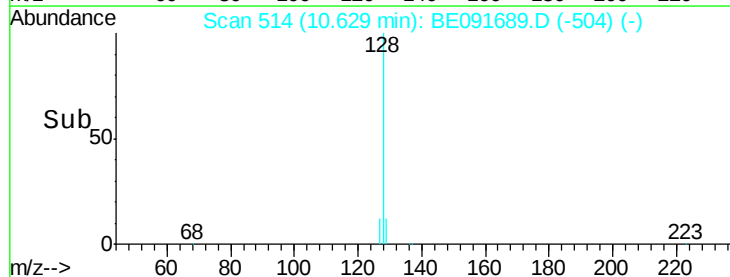
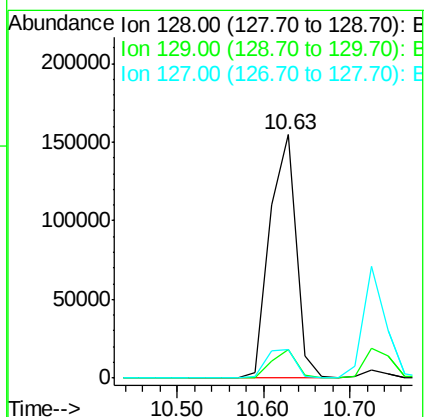
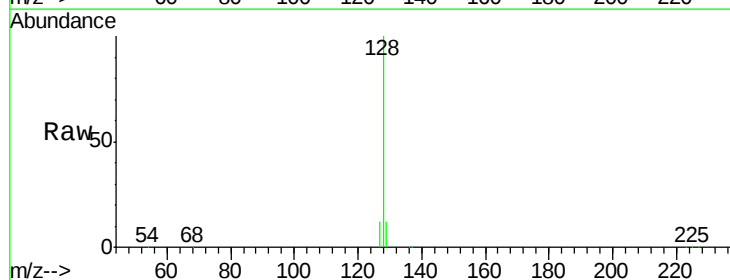
Tgt Ion: 128 Resp: 326449

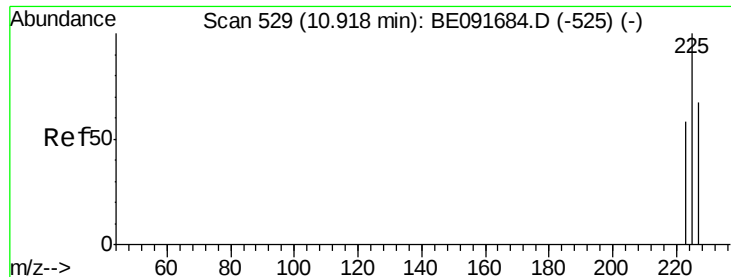
Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

127 11.6 10.7 16.1

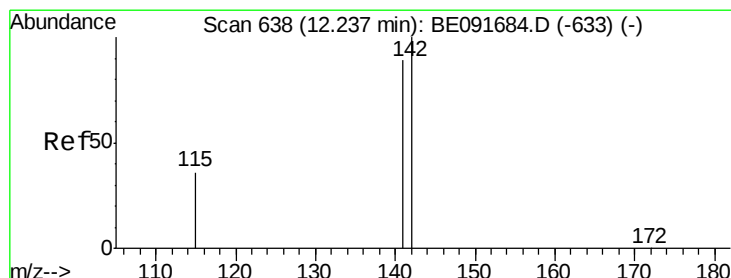
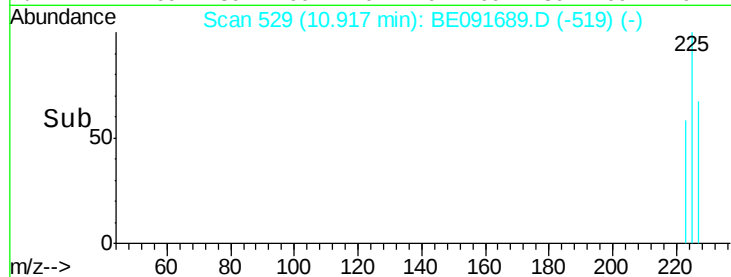
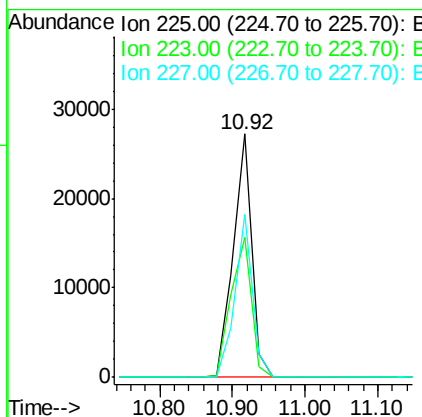
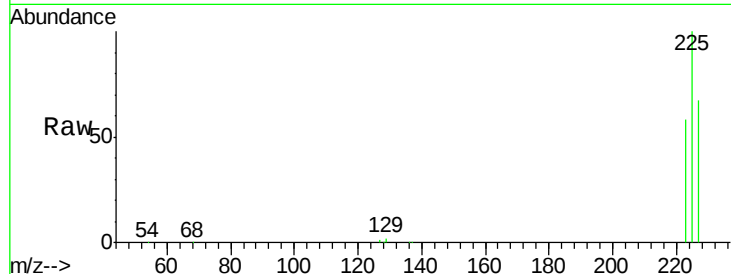




#11
Hexachlorobutadiene
Concen: 10.56 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

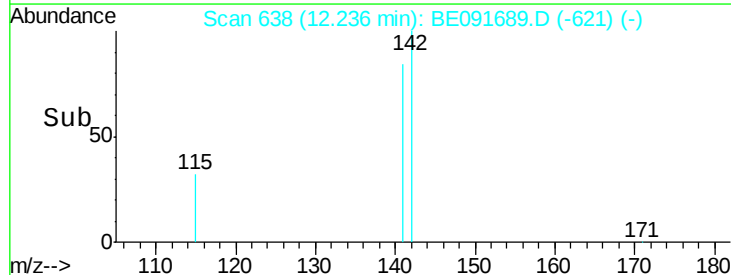
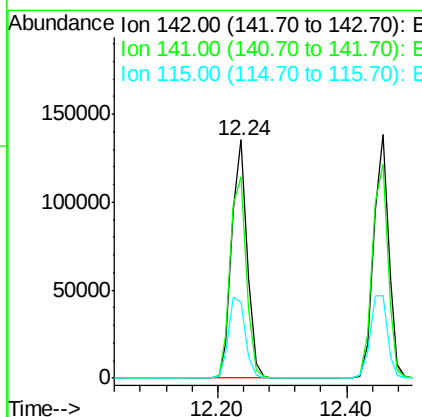
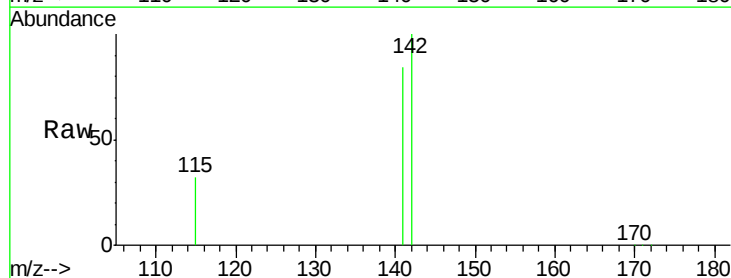
Instrument :
BNA_E
ClientSampleId :

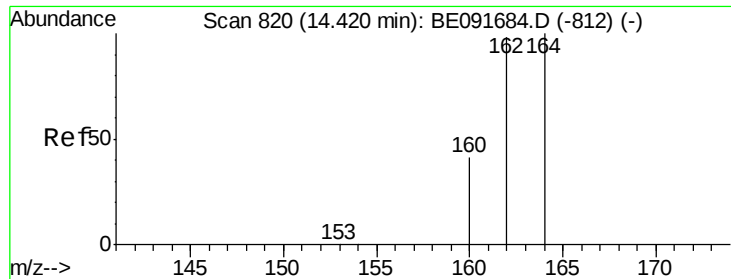
Tot Ion:225 Resp: 51443
Ion Ratio Lower Upper
225 100
223 63.7 49.0 73.6
227 63.8 50.3 75.5



#12
2-Methylnaphthalene
Concen: 10.27 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

Tgt Ion:142 Resp: 220472
Ion Ratio Lower Upper
142 100
141 84.4 71.4 107.0
115 32.1 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: BE091689.D

Acq: 20 Apr 2016 17:36

Instrument :

BNA_E

ClientSampleId :

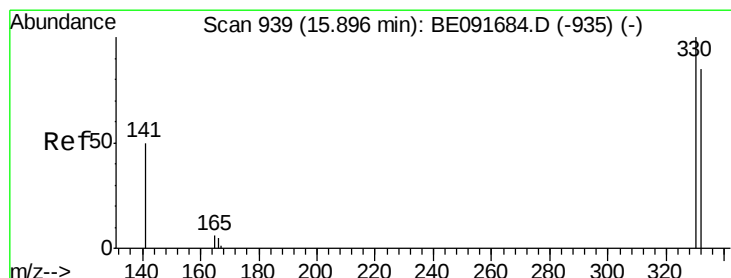
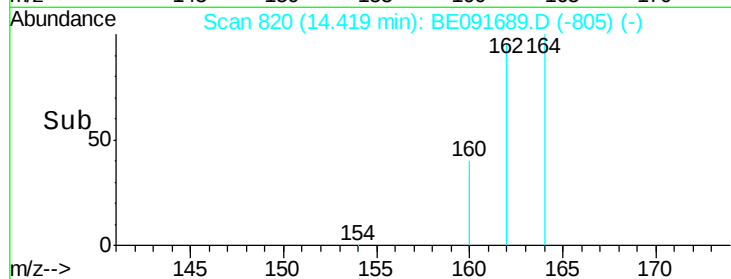
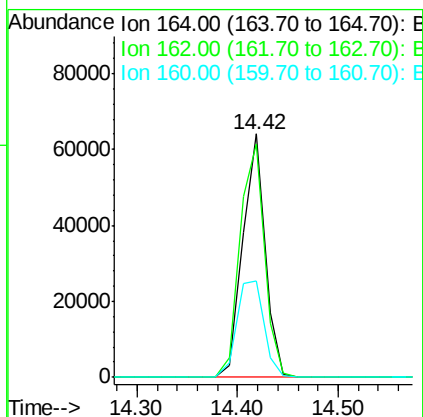
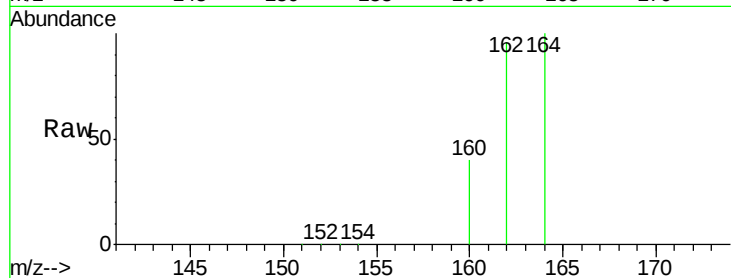
Tot Ion:164 Resp: 99670

Ion Ratio Lower Upper

164 100

162 95.8 85.3 127.9

160 39.7 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 19.24 ng

RT: 15.90 min Scan# 939

Delta R.T. -0.01 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

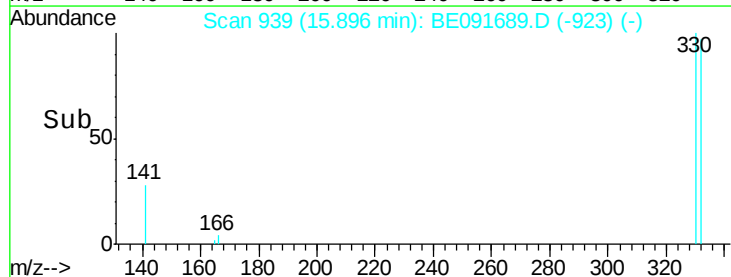
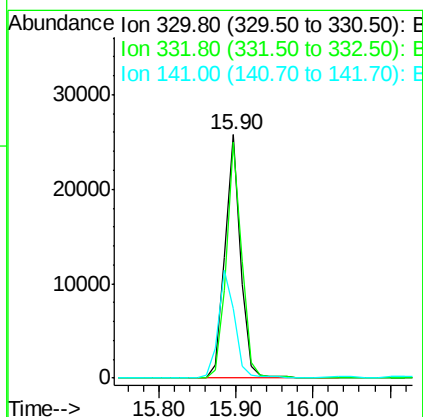
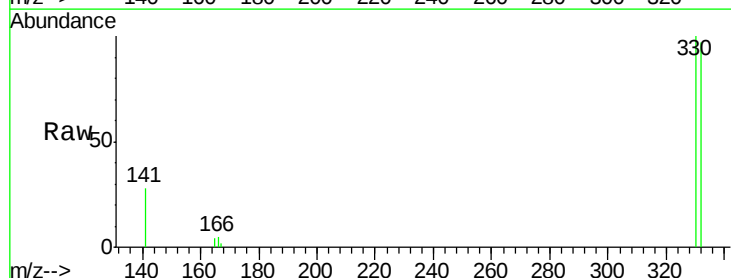
Tgt Ion:330 Resp: 40525

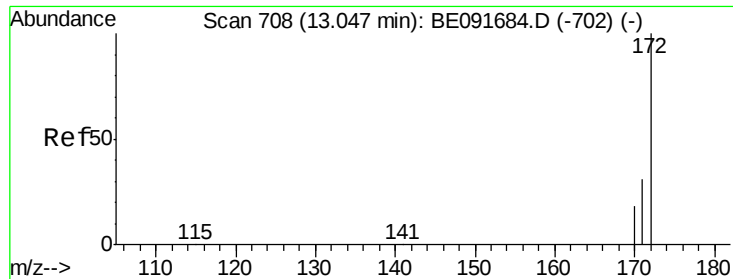
Ion Ratio Lower Upper

330 100

332 97.1 79.1 118.7

141 40.3 125.4 188.0#

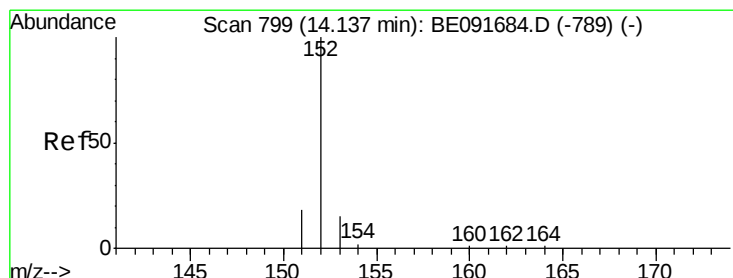
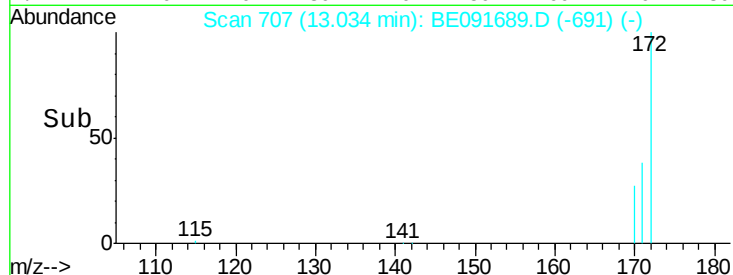
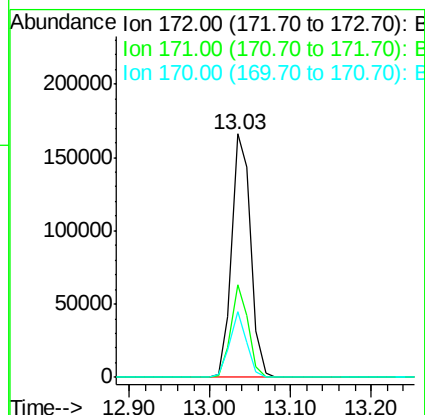
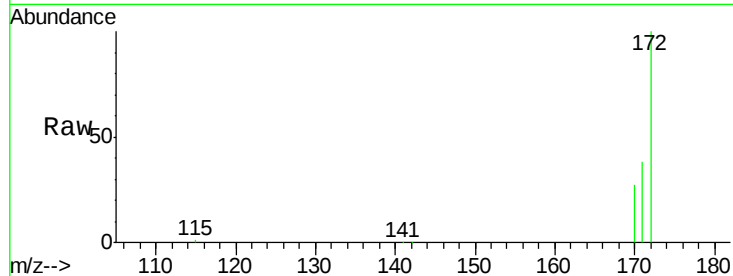




#15
2-Fluorobiphenyl
Concen: 9.73 ng
RT: 13.03 min Scan# 707
Delta R.T. -0.01 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

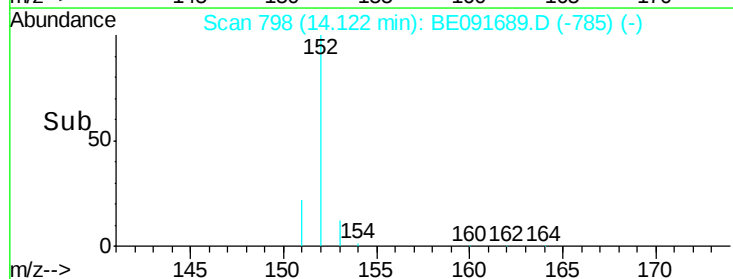
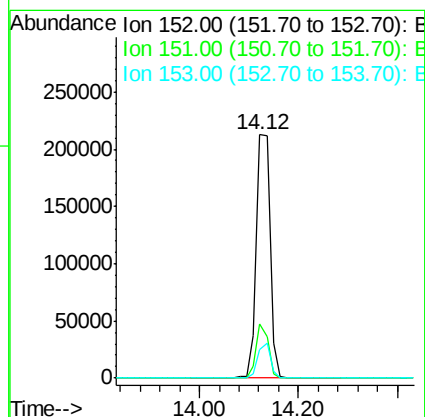
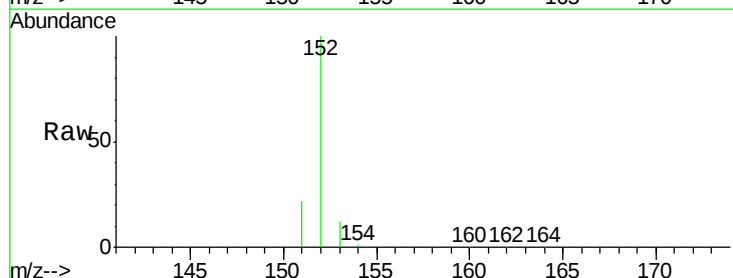
Instrument :
BNA_E
ClientSampleId :

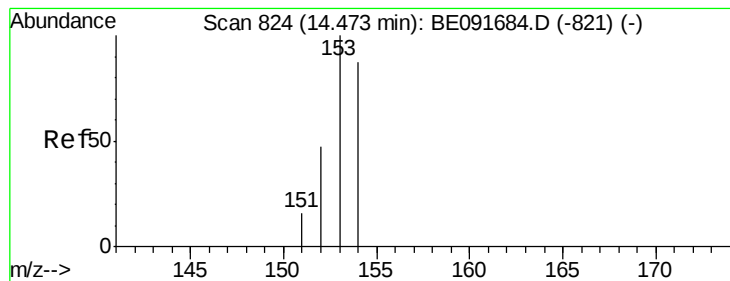
Tot Ion:172 Resp: 270181
Ion Ratio Lower Upper
172 100
171 38.0 28.8 43.2
170 26.8 19.3 28.9



#16
Acenaphthylene
Concen: 11.79 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.01 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

Tgt Ion:152 Resp: 432619
Ion Ratio Lower Upper
152 100
151 20.1 3.9 5.9#
153 13.4 10.3 15.5





#17

Acenaphthene

Concen: 10.10 ng

RT: 14.47 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

Instrument :

BNA_E

ClientSampleId :

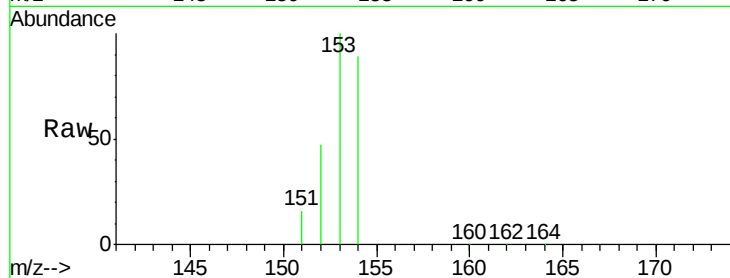
Tot Ion:154 Resp: 247674

Ion Ratio Lower Upper

154 100

153 108.9 80.0 120.0

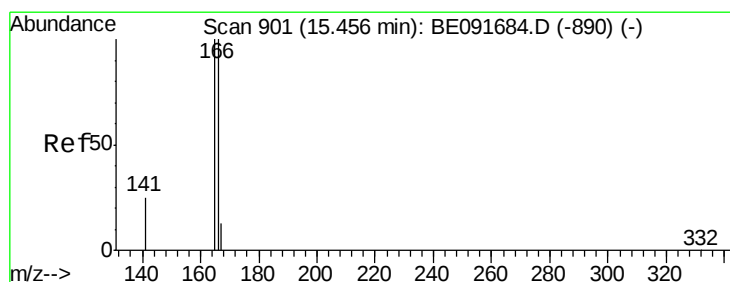
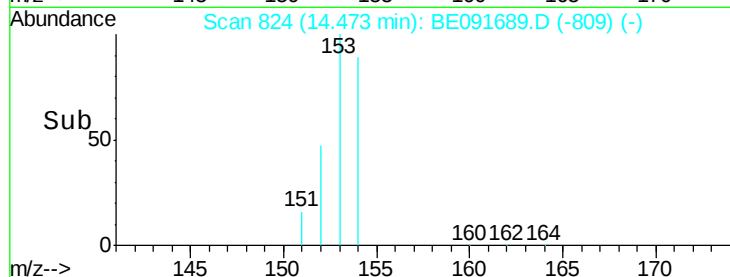
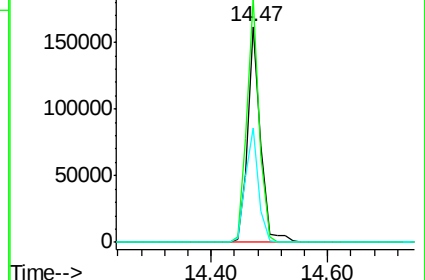
152 53.6 40.0 60.0



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: 10.25 ng

RT: 15.46 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

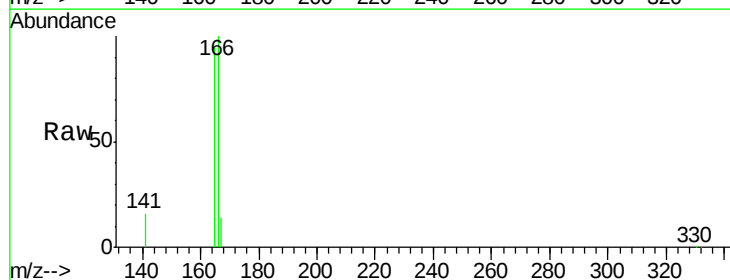
Tgt Ion:166 Resp: 307864

Ion Ratio Lower Upper

166 100

165 98.7 80.8 121.2

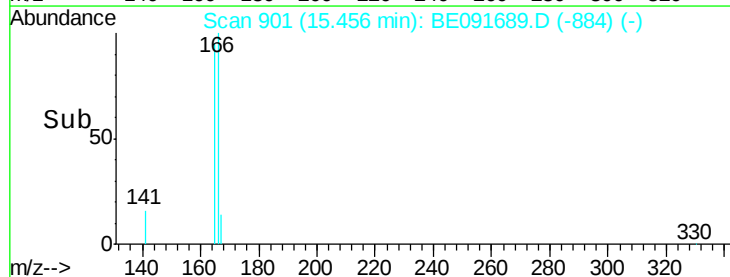
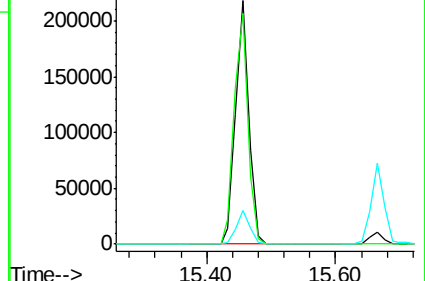
167 13.6 10.9 16.3

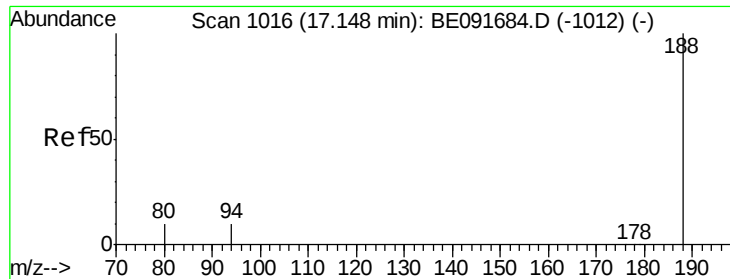


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

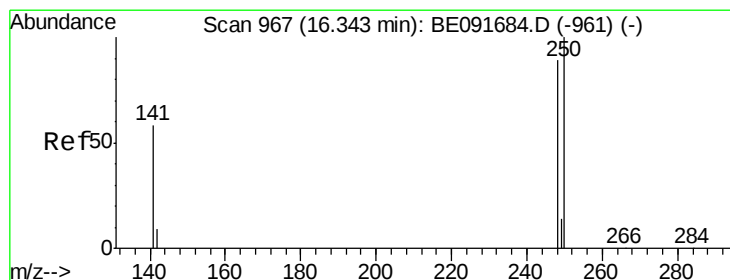
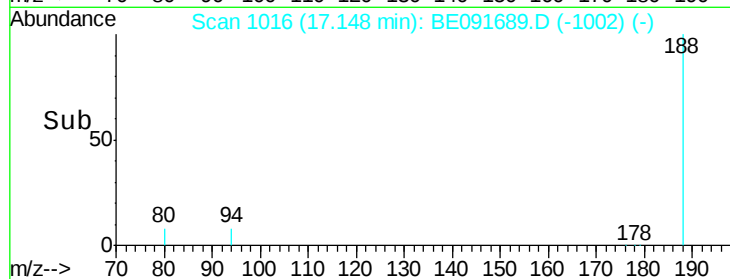
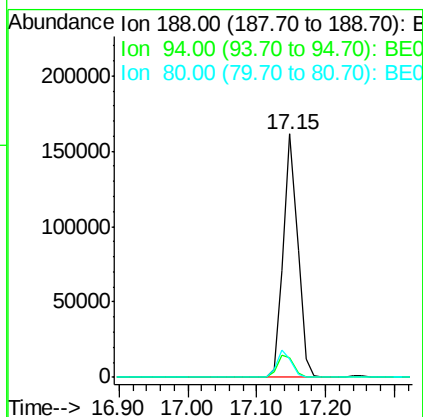
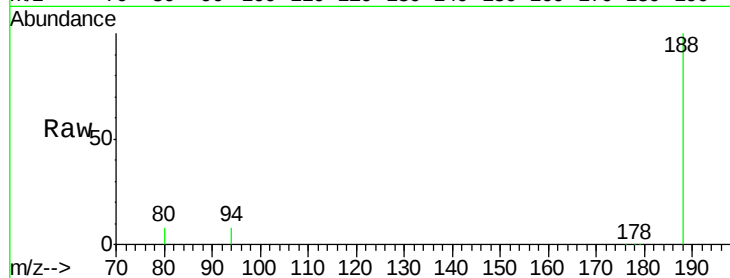




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

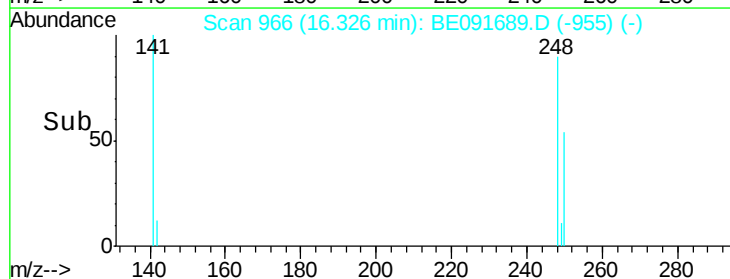
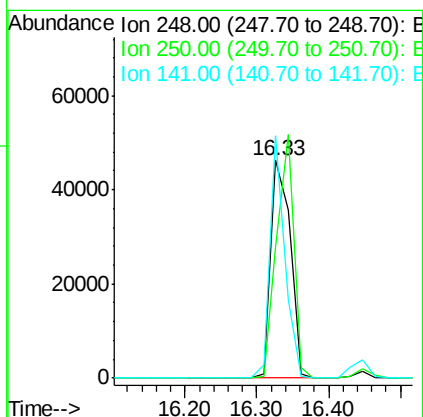
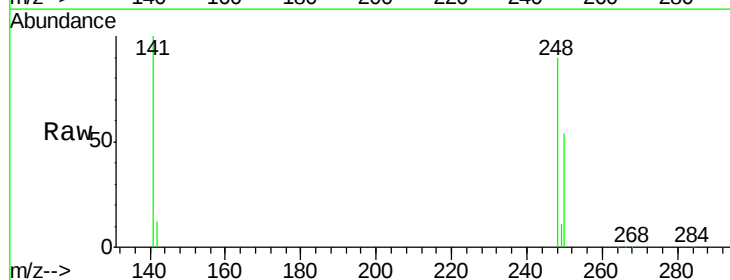
Instrument :
BNA_E
ClientSampleId :

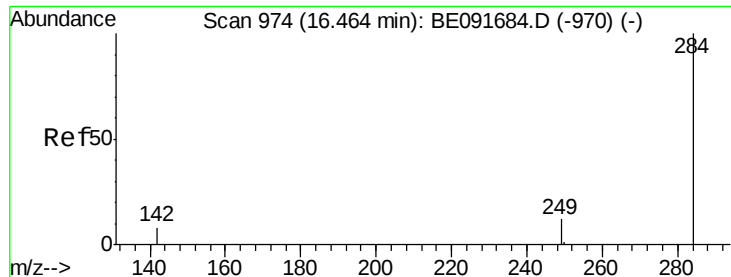
Tot Ion:188 Resp: 257468
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 7.5 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 9.77 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.02 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

Tgt Ion:248 Resp: 87161
Ion Ratio Lower Upper
248 100
250 98.0 80.5 120.7
141 84.9 72.0 108.0

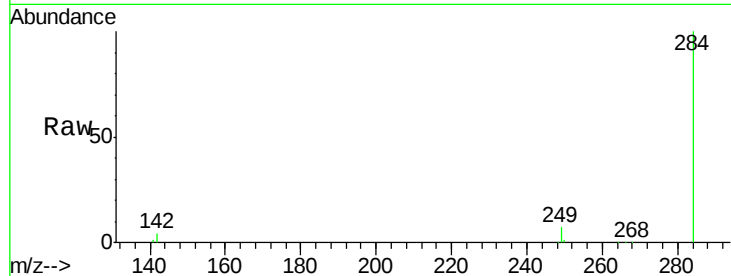




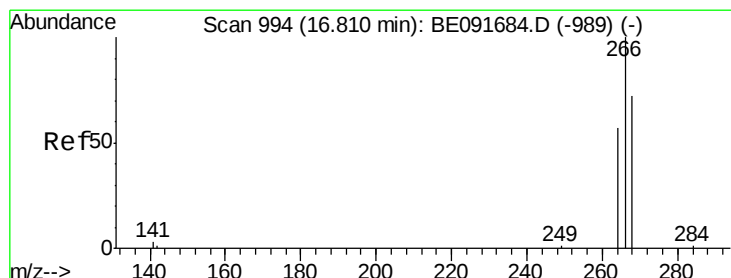
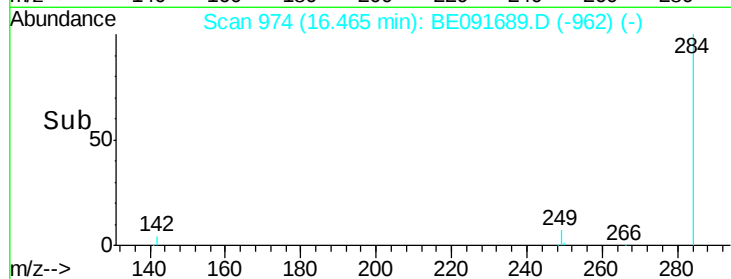
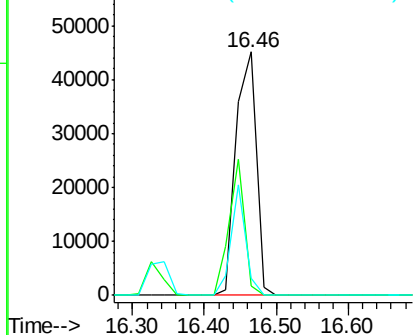
#21
Hexachlorobenzene
Concen: 9.18 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 86830
Ion Ratio Lower Upper
284 100
142 43.1 32.2 48.2
249 32.7 25.4 38.2

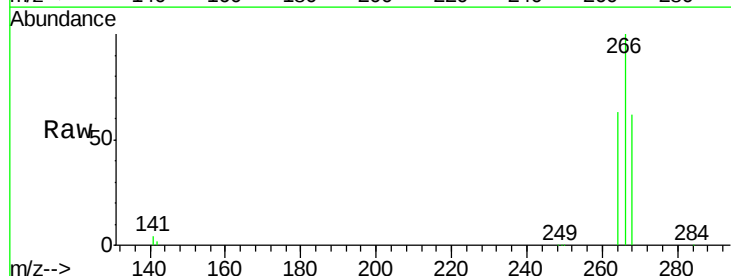


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

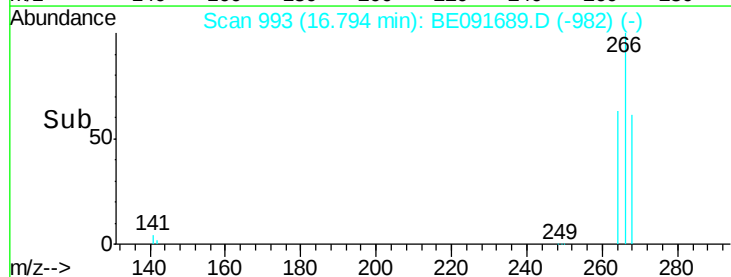
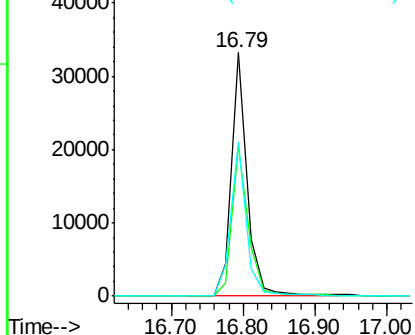


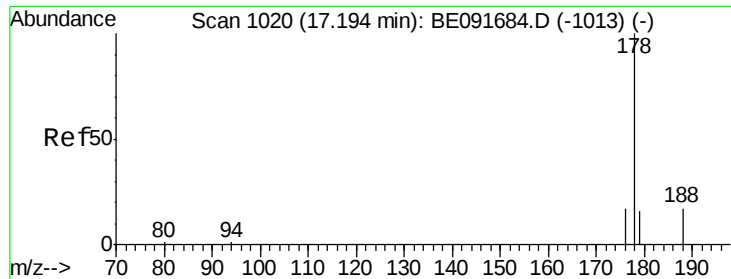
#22
Pentachlorophenol
Concen: 15.84 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

Tgt Ion:266 Resp: 49676
Ion Ratio Lower Upper
266 100
268 61.5 58.2 87.2
264 63.3 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

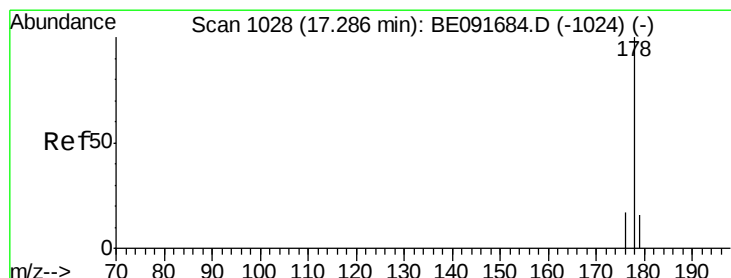
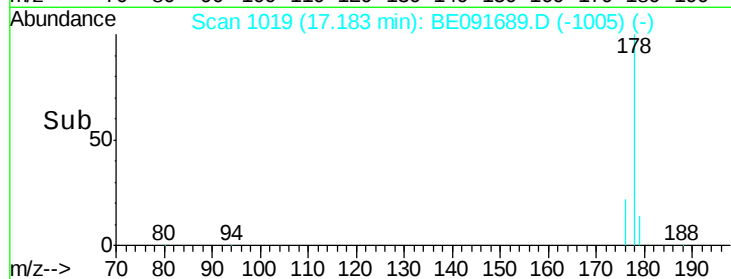
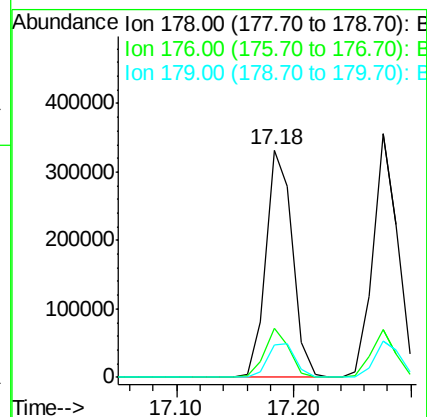
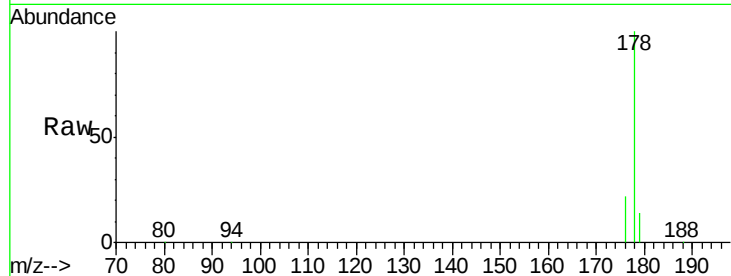




#23
Phenanthrene
Concen: 8.94 ng
RT: 17.18 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

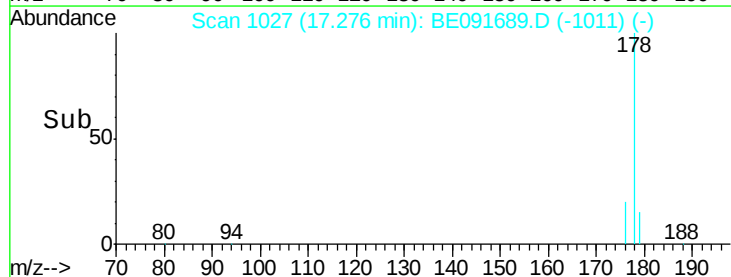
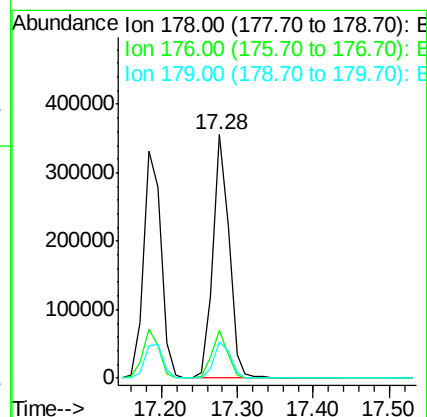
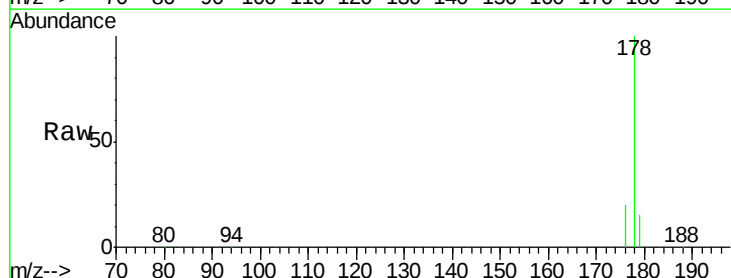
Instrument :
BNA_E
ClientSampleId :

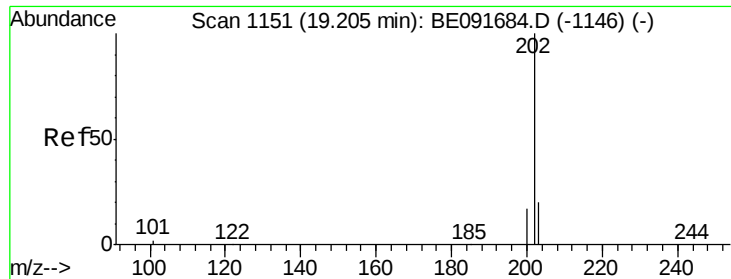
Tot Ion:178 Resp: 522926
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 15.4 12.6 18.8



#24
Anthracene
Concen: 10.05 ng
RT: 17.28 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

Tgt Ion:178 Resp: 521941
Ion Ratio Lower Upper
178 100
176 19.2 14.6 21.8
179 15.5 11.8 17.6





#25

Fluoranthene

Concen: 9.99 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

Instrument :

BNA_E

ClientSampleId :

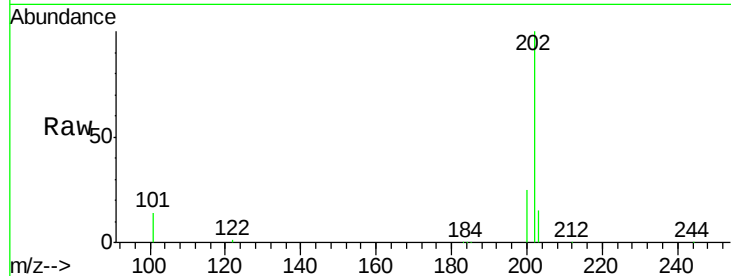
Tot Ion:202 Resp: 580554

Ion Ratio Lower Upper

202 100

101 11.9 11.0 16.6

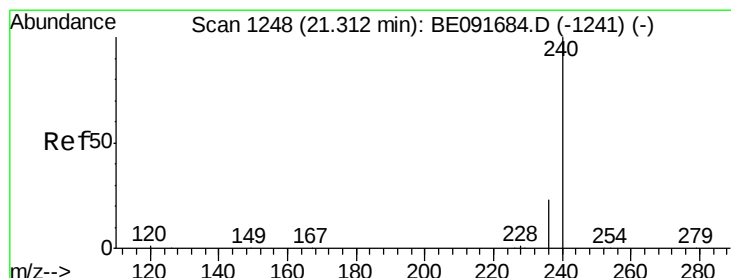
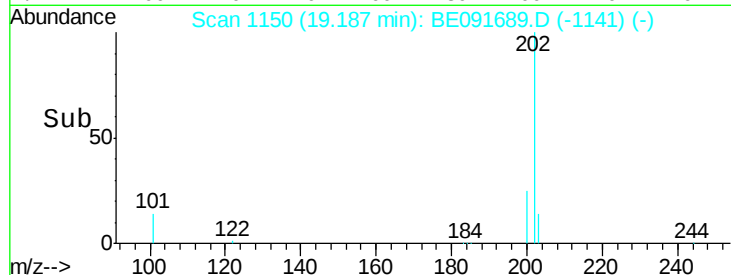
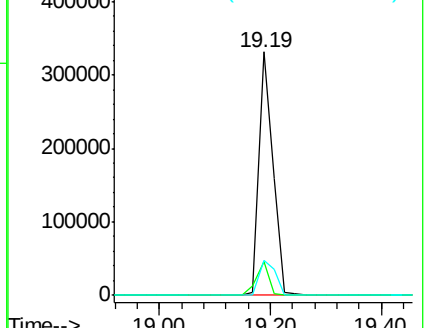
203 17.1 13.9 20.9



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: BE091689.D

Acq: 20 Apr 2016 17:36

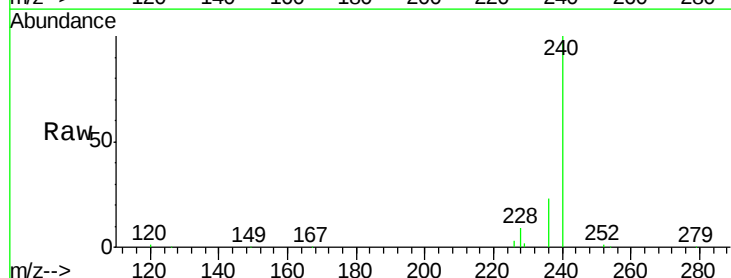
Tgt Ion:240 Resp: 275293

Ion Ratio Lower Upper

240 100

120 1.0 11.0 16.4#

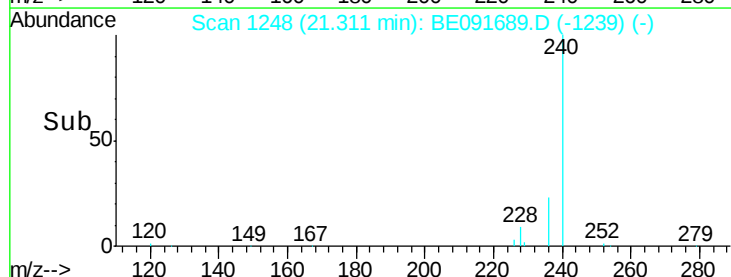
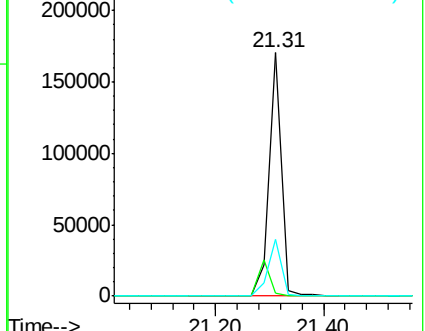
236 23.2 21.7 32.5

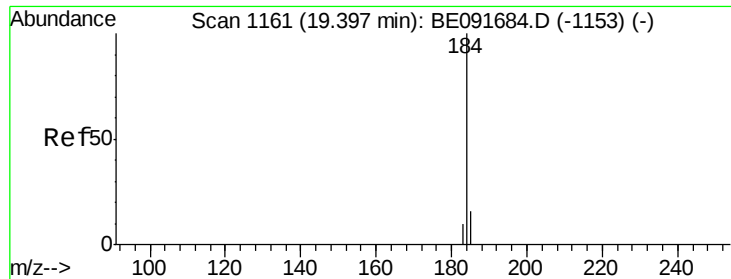


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 14.13 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

Instrument :

BNA_E

ClientSampleId :

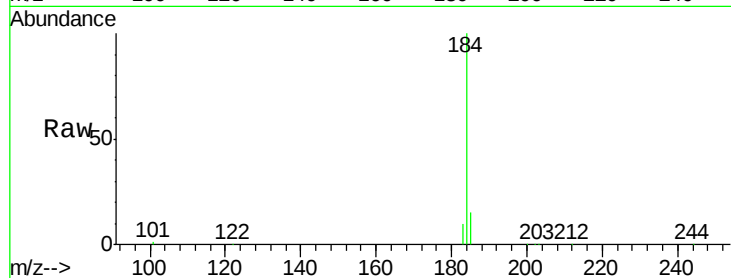
Tot Ion:184 Resp: 282535

Ion Ratio Lower Upper

184 100

185 15.5 22.3 33.5#

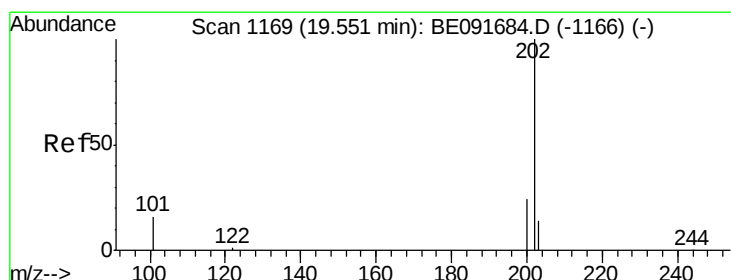
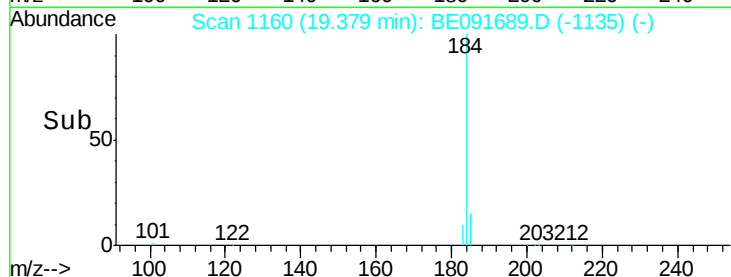
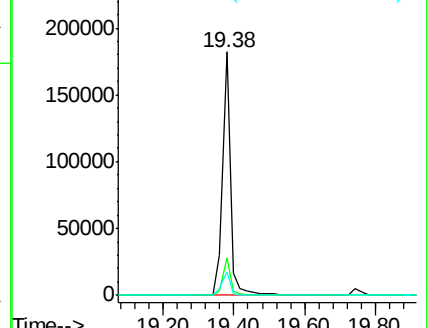
183 9.7 16.4 24.6#



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: 11.61 ng

RT: 19.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

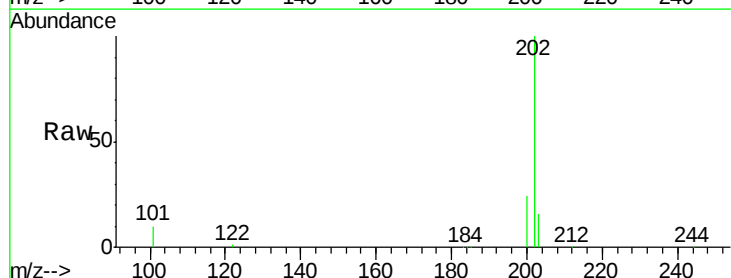
Tgt Ion:202 Resp: 638786

Ion Ratio Lower Upper

202 100

200 22.2 16.8 25.2

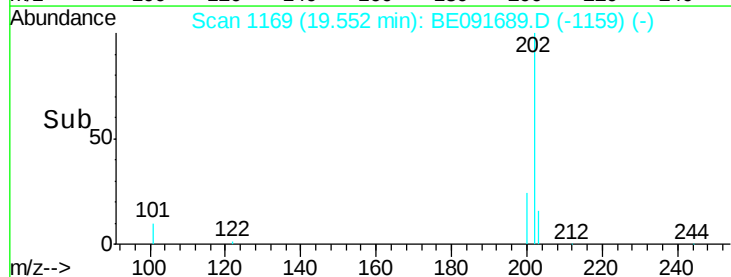
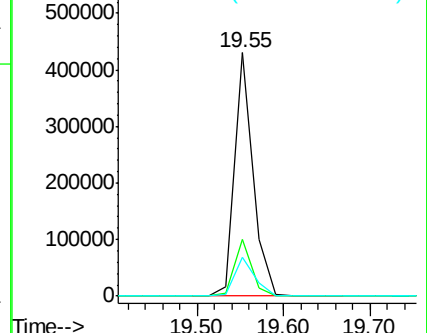
203 17.4 14.0 21.0

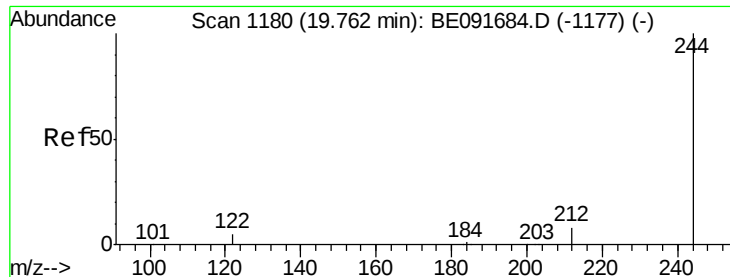


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 10.99 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

Instrument :

BNA_E

ClientSampleId :

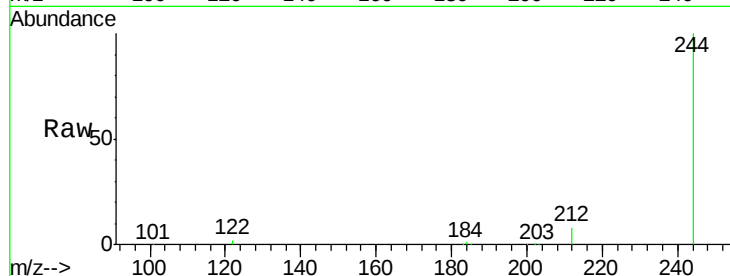
Tot Ion:244 Resp: 412418

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

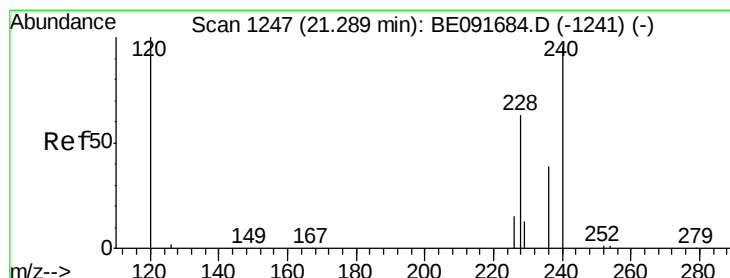
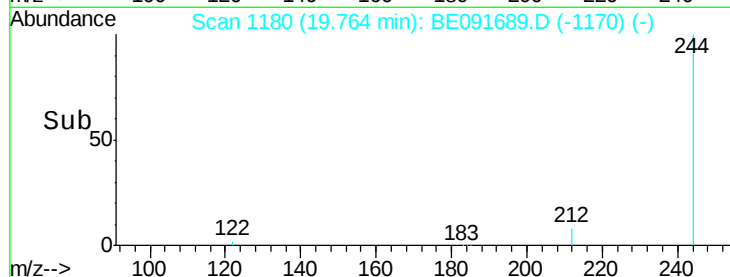
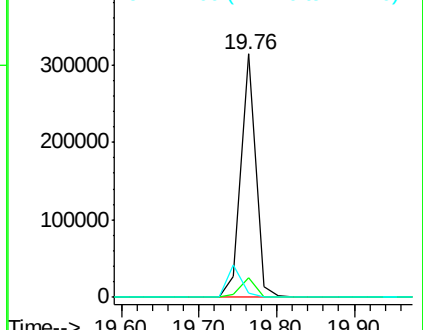
122 1.6 11.0 16.4#



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: 21.35 ng

RT: 21.33 min Scan# 1249

Delta R.T. 0.04 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

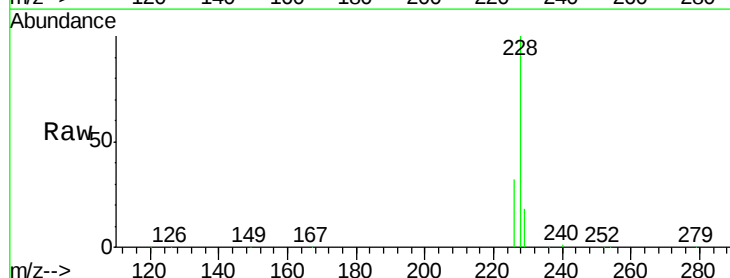
Tgt Ion:228 Resp: 1362758

Ion Ratio Lower Upper

228 100

226 32.3 21.0 31.4#

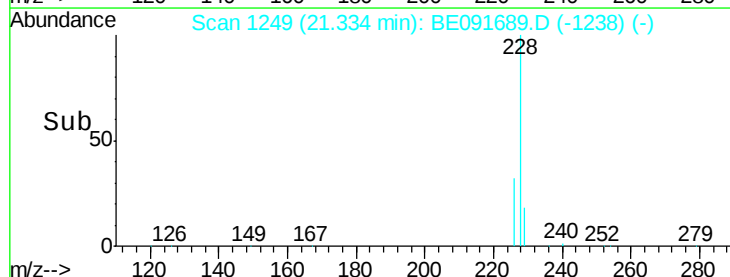
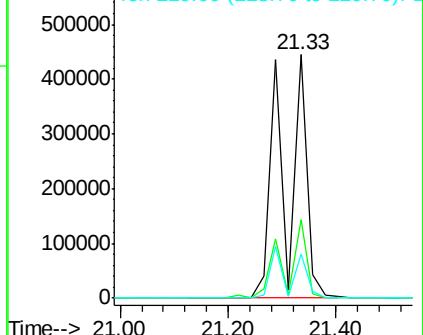
229 18.1 15.7 23.5

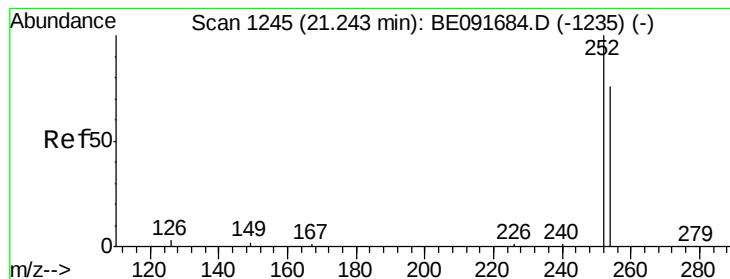


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 15.09 ng

RT: 21.22 min Scan# 1244

Delta R.T. -0.02 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

Instrument :

BNA_E

ClientSampled :

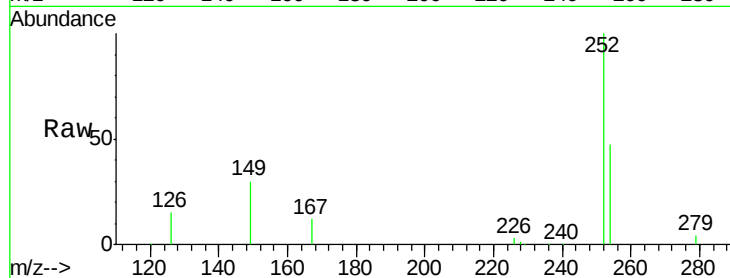
Tot Ion:252 Resp: 377304

Ion Ratio Lower Upper

252 100

254 46.7 51.1 76.7#

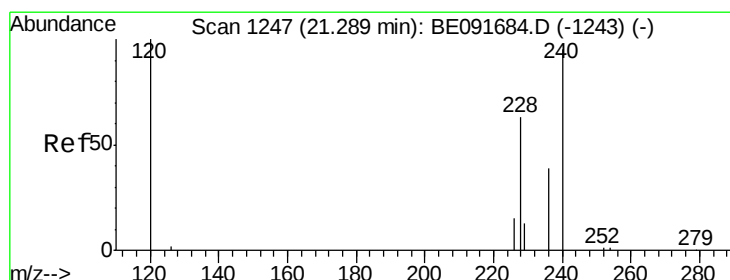
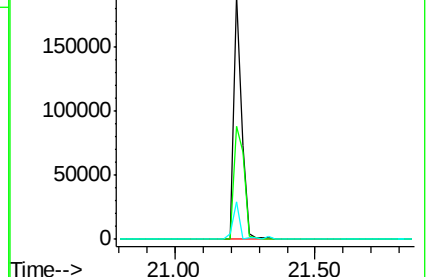
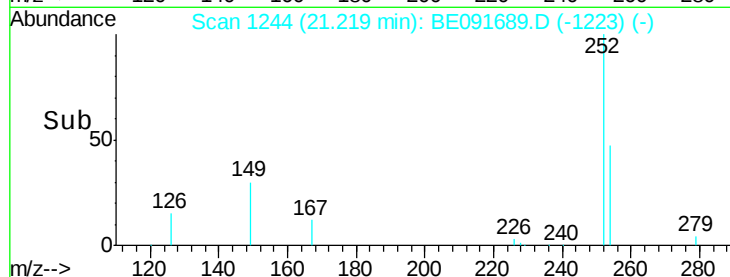
126 15.4 12.6 18.8



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: 21.11 ng

RT: 21.33 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

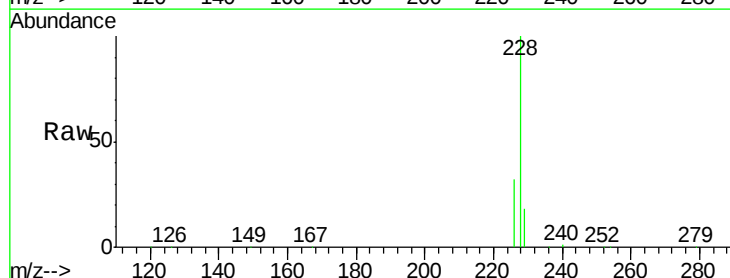
Tgt Ion:228 Resp: 1366949

Ion Ratio Lower Upper

228 100

226 32.3 24.0 36.0

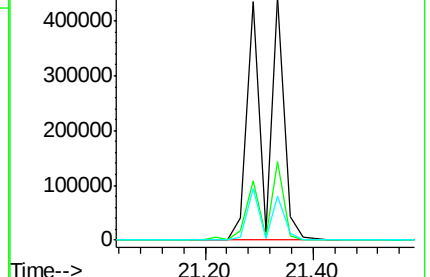
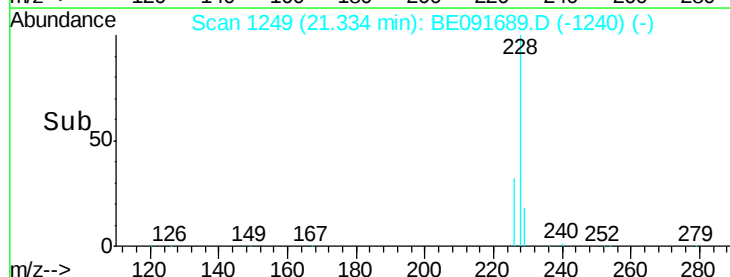
229 18.1 15.9 23.9

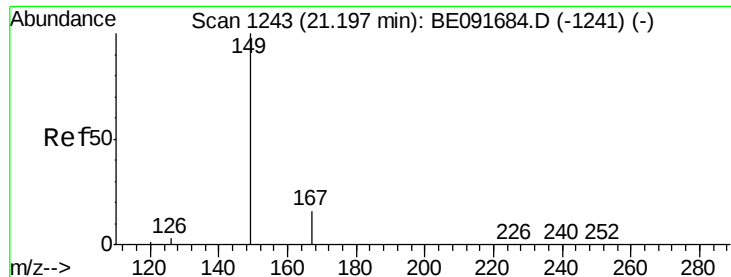


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

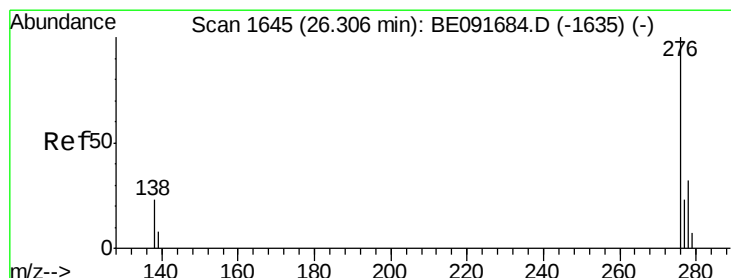
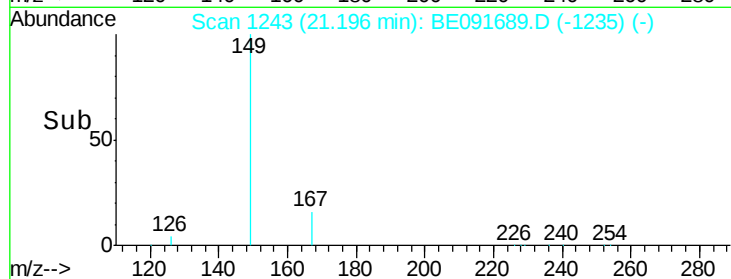
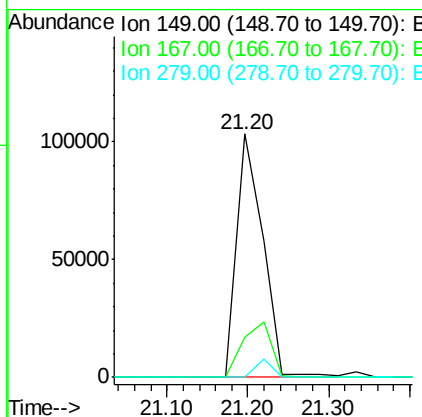
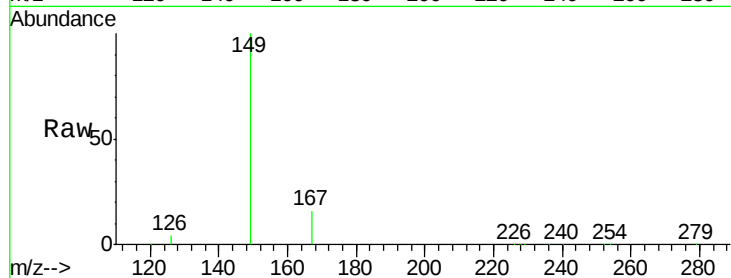




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 19.42 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091689.D
 Acq: 20 Apr 2016 17:36

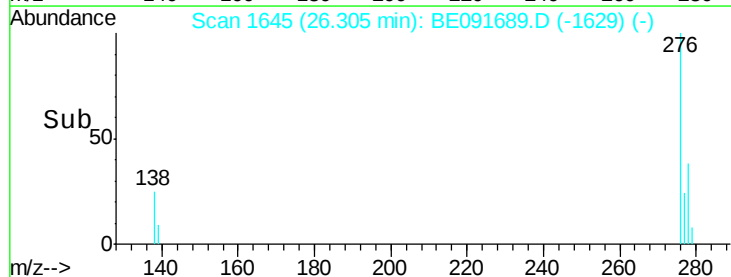
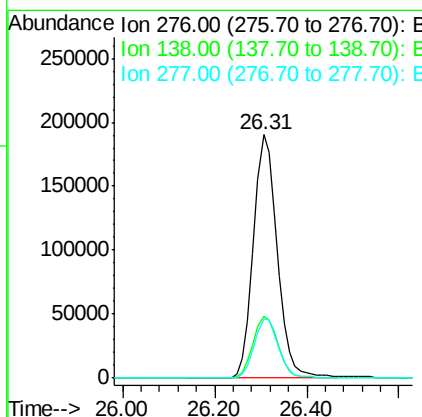
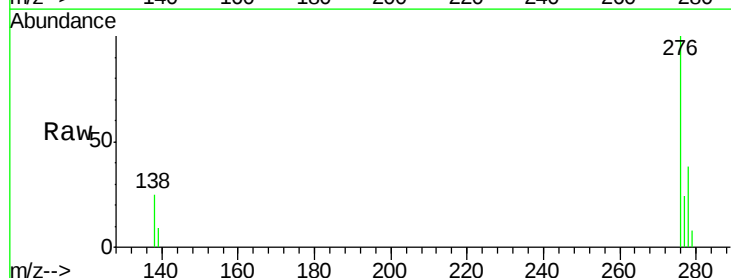
Instrument :
 BNA_E
 ClientSampleId :

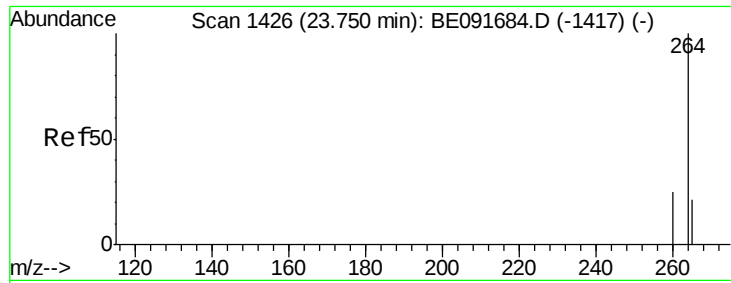
Tot Ion:149 Resp: 227064
 Ion Ratio Lower Upper
 149 100
 167 0.0 19.5 29.3#
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 11.62 ng
 RT: 26.31 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE091689.D
 Acq: 20 Apr 2016 17:36

Tgt Ion:276 Resp: 684846
 Ion Ratio Lower Upper
 276 100
 138 26.7 23.4 35.2
 277 24.9 19.8 29.8



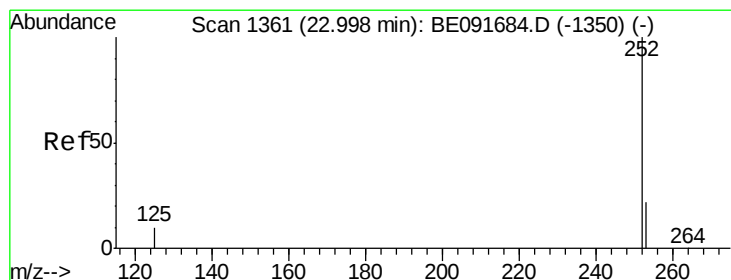
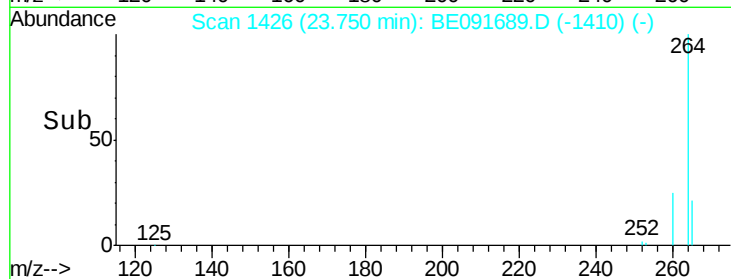
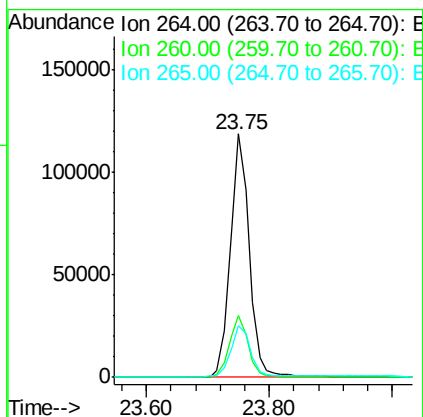
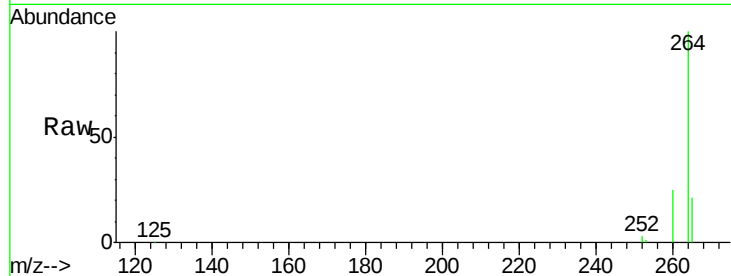


#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 255810

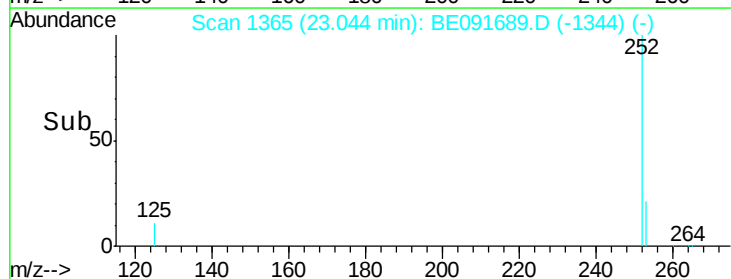
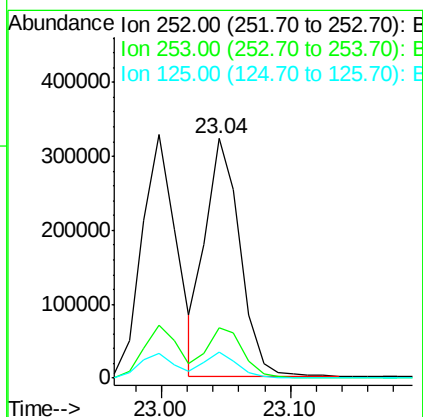
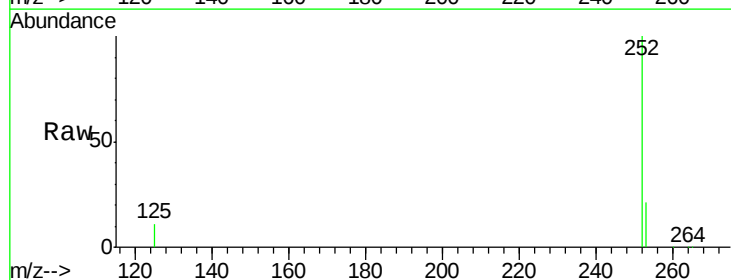
Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.0	30.0
265	21.2	17.5	26.3

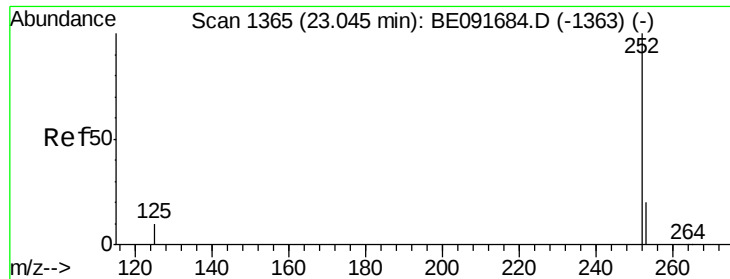


#36
Benzo(b)fluoranthene
Concen: 10.70 ng
RT: 23.04 min Scan# 1365
Delta R.T. 0.05 min
Lab File: BE091689.D
Acq: 20 Apr 2016 17:36

Tgt Ion:252 Resp: 602529

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	10.7	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 10.26 ng

RT: 23.04 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

Instrument :

BNA_E

ClientSampleId :

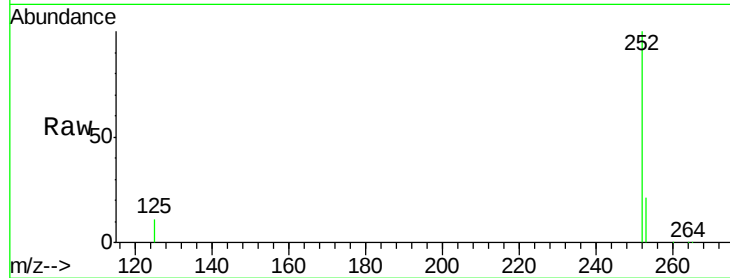
Tot Ion:252 Resp: 613134

Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

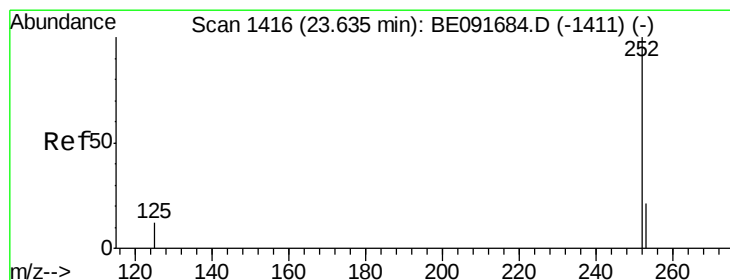
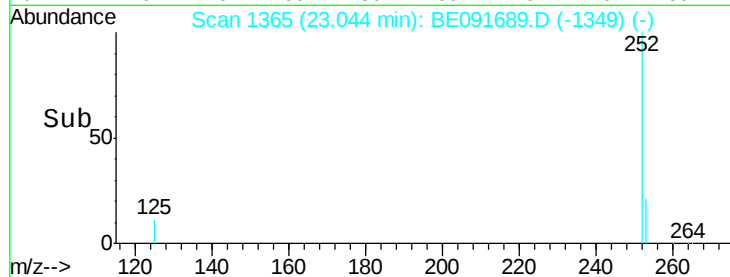
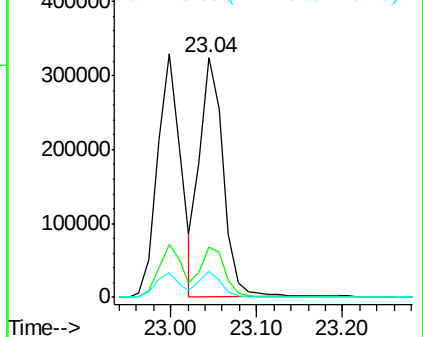
125 10.7 9.9 14.9



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: 11.15 ng

RT: 23.63 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

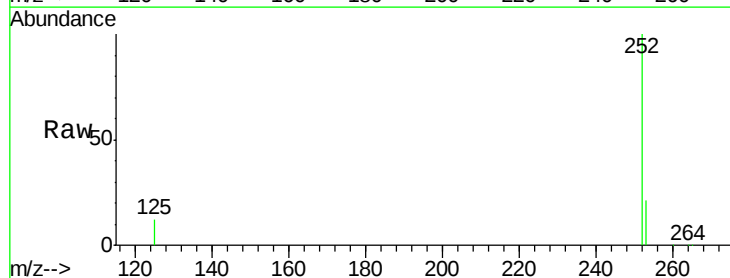
Tgt Ion:252 Resp: 585521

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

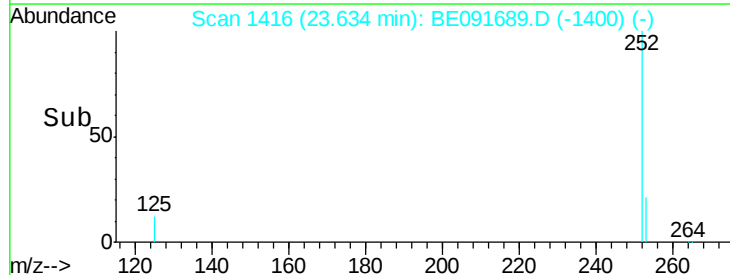
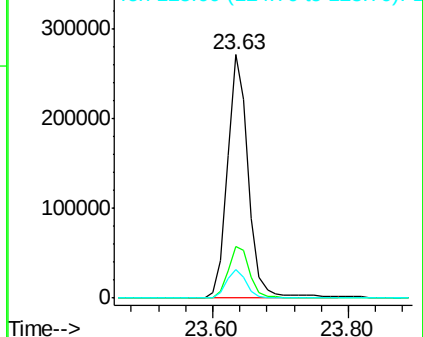
125 11.8 11.0 16.4

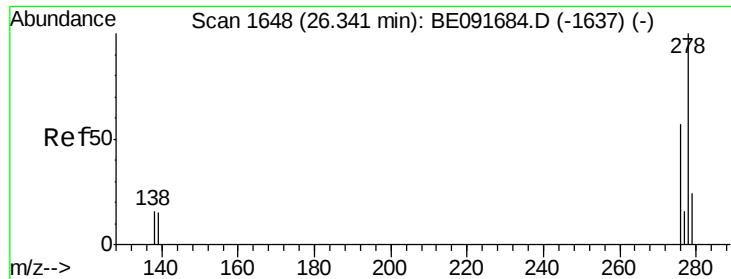


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 11.15 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

Instrument :

BNA_E

ClientSampleId :

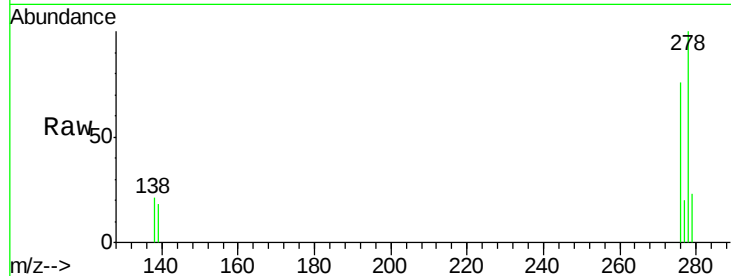
Tot Ion:278 Resp: 571835

Ion Ratio Lower Upper

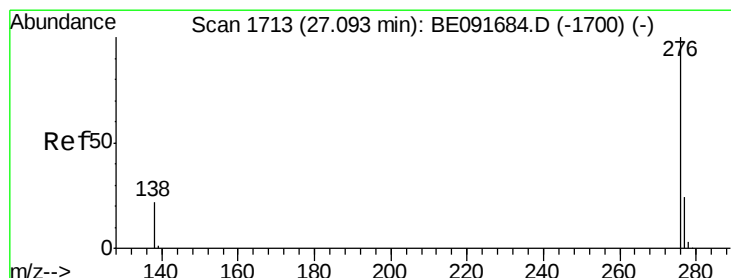
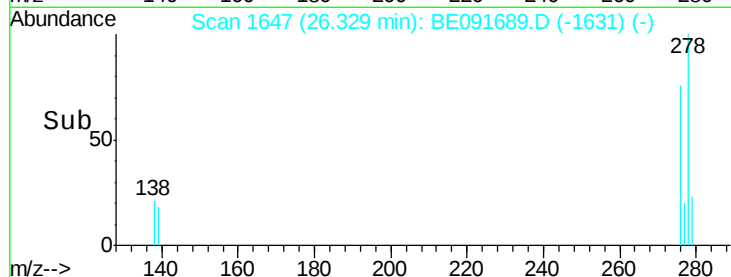
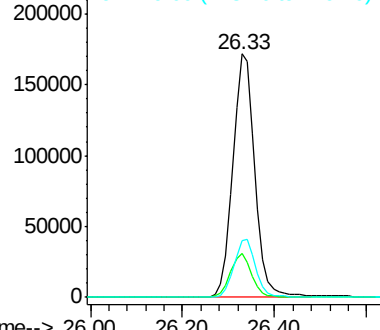
278 100

139 17.9 16.0 24.0

279 23.3 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: 10.94 ng

RT: 27.10 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE091689.D

Acq: 20 Apr 2016 17:36

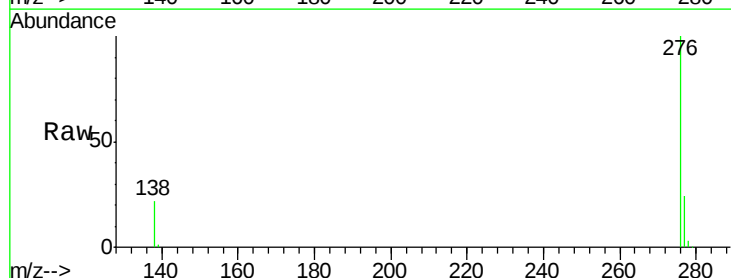
Tgt Ion:276 Resp: 581863

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 21.9 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

