

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051916\
 Data File : BE091803.D
 Acq On : 19 May 2016 10:42
 Operator : UM/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 19 13:18:19 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 13:16:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	23233	5.00	ng	0.00
7) Naphthalene-d8	10.55	136	122592	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	82888	5.00	ng	0.00
19) Phenanthrene-d10	17.14	188	254265	5.00	ng	0.00
26) Chrysene-d12	21.29	240	312976	5.00	ng	0.00
35) Perylene-d12	23.73	264	263939	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	17403	3.05	ng	0.00
5) Phenol-d6	6.95	99	25682	3.39	ng	0.00
8) Nitrobenzene-d5	8.93	82	24166	3.05	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	10512	4.04	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	66309	2.83	ng	-0.01
29) Terphenyl-d14	19.74	244	124806	2.56	ng	0.00

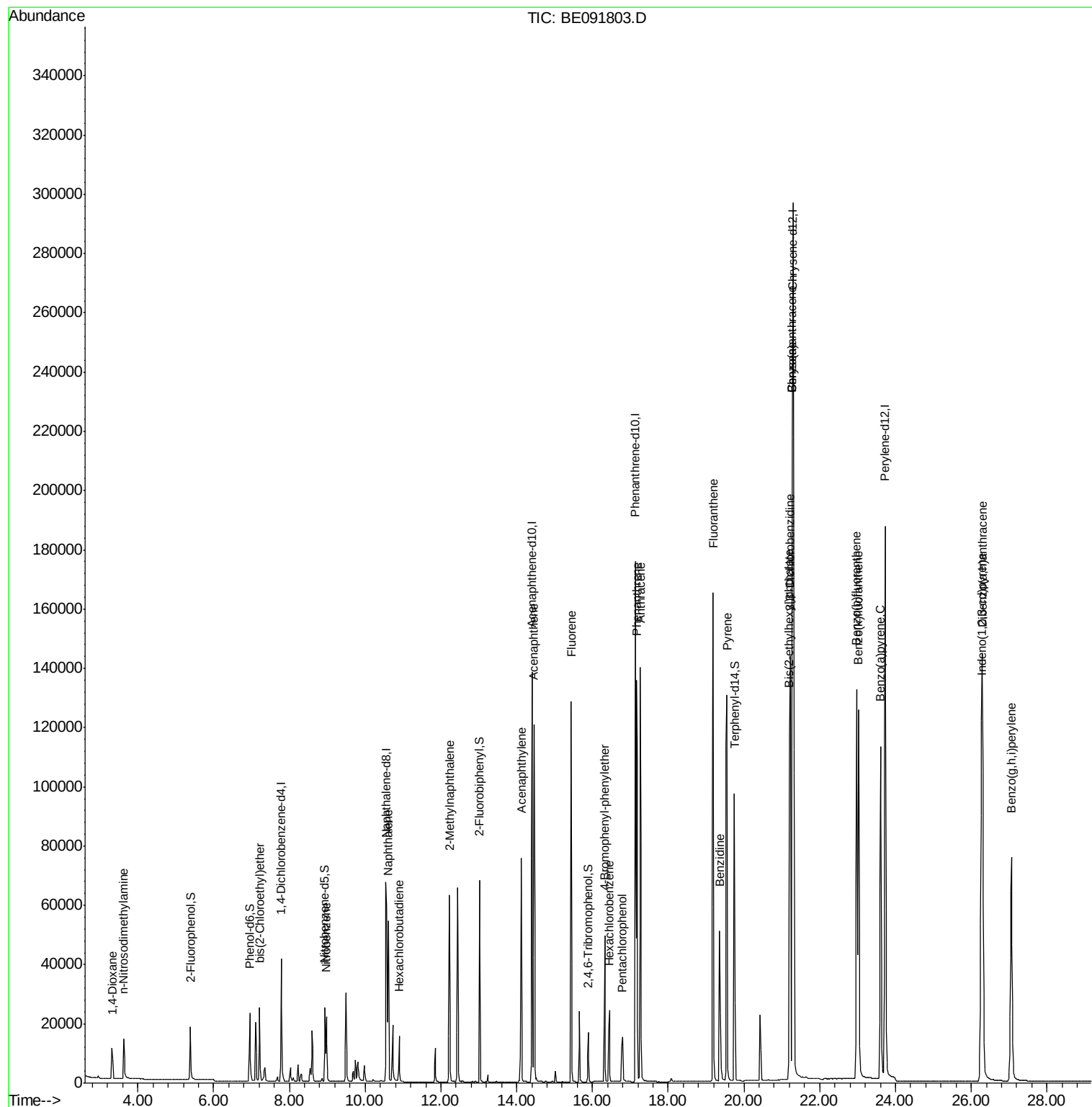
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	7596	2.18	ng	# 90
3) n-Nitrosodimethylamine	3.63	42	10690	2.53	ng	97
6) bis(2-Chloroethyl)ether	7.21	93	20126	3.02	ng	# 77
9) Nitrobenzene	8.98	77	25344	3.06	ng	94
10) Naphthalene	10.61	128	75219	3.04	ng	98
11) Hexachlorobutadiene	10.90	225	12799	3.50	ng	96
12) 2-Methylnaphthalene	12.22	142	51654	3.25	ng	# 90
16) Acenaphthylene	14.12	152	108735	3.41	ng	# 86
17) Acenaphthene	14.46	154	64339	3.11	ng	92
18) Fluorene	15.44	166	85684	3.33	ng	97
20) 4-Bromophenyl-phenylether	16.33	248	25391	2.78	ng	93
21) Hexachlorobenzene	16.45	284	25976	2.84	ng	99
22) Pentachlorophenol	16.79	266	13813	3.21	ng	# 90
23) Phenanthrene	17.17	178	156787	2.71	ng	99
24) Anthracene	17.26	178	153561	2.95	ng	99
25) Fluoranthene	19.19	202	179732	2.98	ng	97
27) Benzidine	19.36	184	78190	4.37	ng	# 75
28) Pyrene	19.55	202	188523	2.67	ng	99
30) Benzo(a)anthracene	21.27	228	391391	5.12	ng	93
31) 3,3'-Dichlorobenzidine	21.22	252	133076	3.41	ng	# 83
32) Chrysene	21.27	228	393624	4.95	ng	97
33) Bis(2-ethylhexyl)phthalate	21.20	149	98945	4.27	ng	# 77
34) Indeno(1,2,3-cd)pyrene	26.27	276	212965	3.01	ng	95
36) Benzo(b)fluoranthene	22.97	252	187231	3.03	ng	# 96
37) Benzo(k)fluoranthene	23.02	252	196310	3.12	ng	96
38) Benzo(a)pyrene	23.61	252	180513	3.10	ng	# 96
39) Dibenzo(a,h)anthracene	26.29	278	177338	3.21	ng	# 95
40) Benzo(g,h,i)perylene	27.06	276	179089	3.19	ng	95

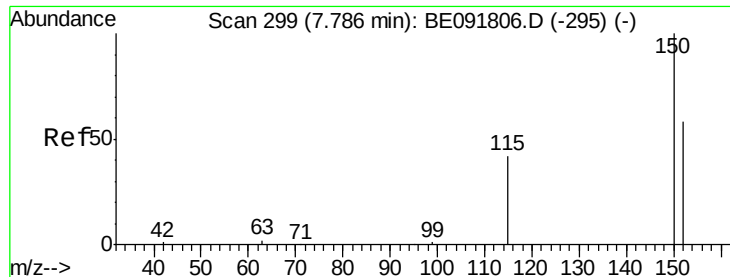
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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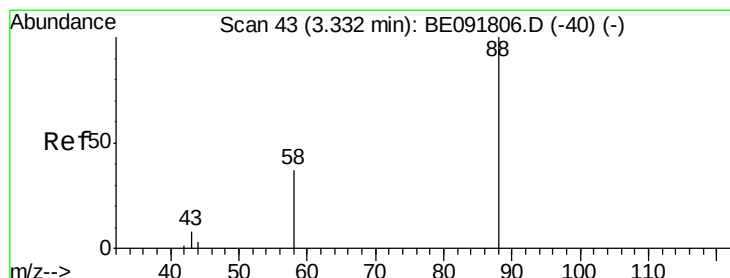
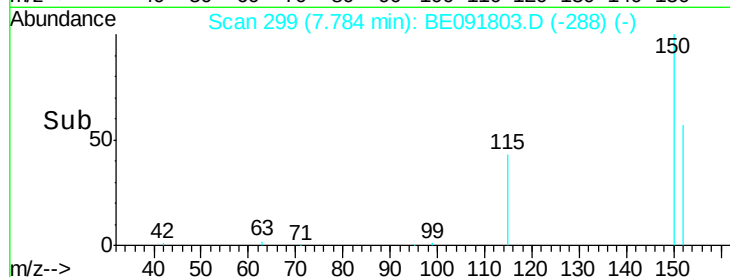
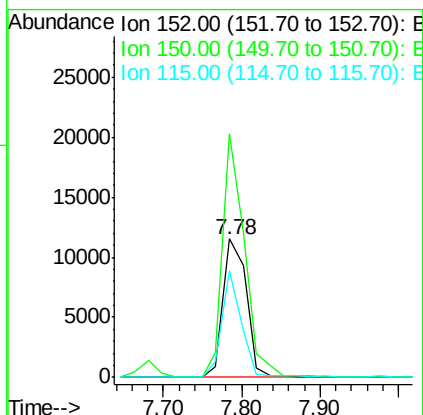
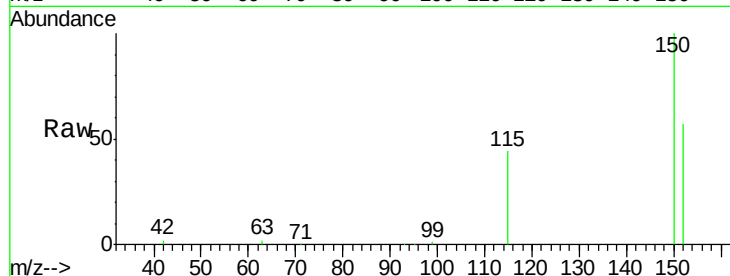


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.78 min Scan# 299
Delta R.T. -0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

Instrument :
BNA_E
ClientSampleId :

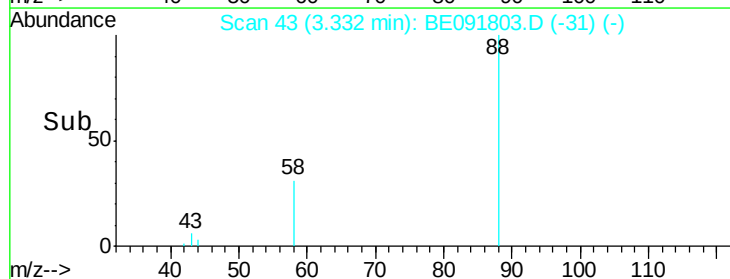
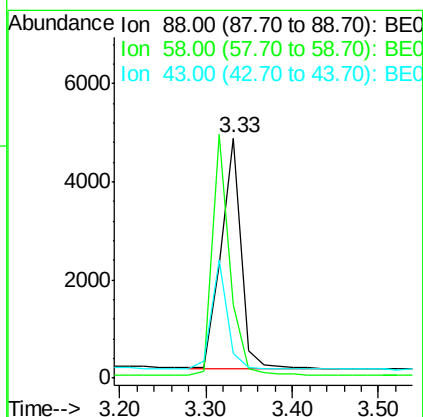
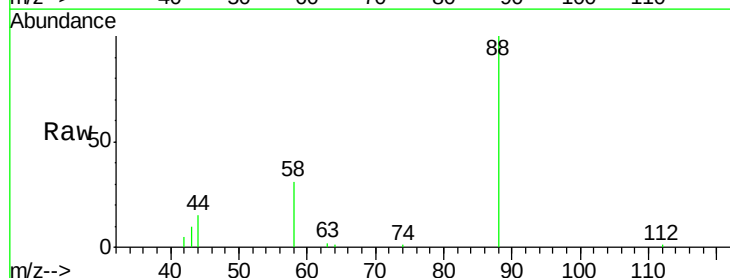
Tot Ion:152 Resp: 23233
Ion Ratio Lower Upper
152 100
150 176.0 122.6 183.8
115 76.7 52.8 79.2

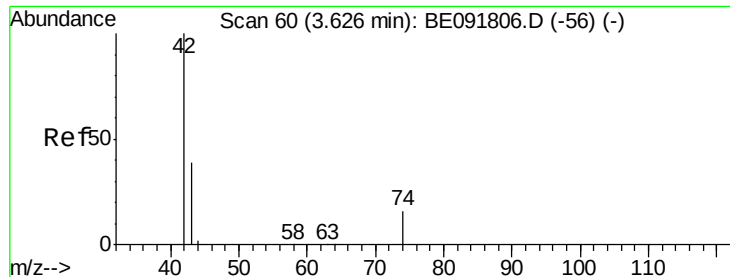


#2

1,4-Dioxane
Concen: 2.18 ng
RT: 3.33 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

Tgt Ion: 88 Resp: 7596
Ion Ratio Lower Upper
88 100
58 90.5 65.8 98.6
43 38.3 25.3 37.9#





#3

n-Nitrosodimethylamine

Concen: 2.53 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

Instrument :

BNA_E

ClientSampleId :

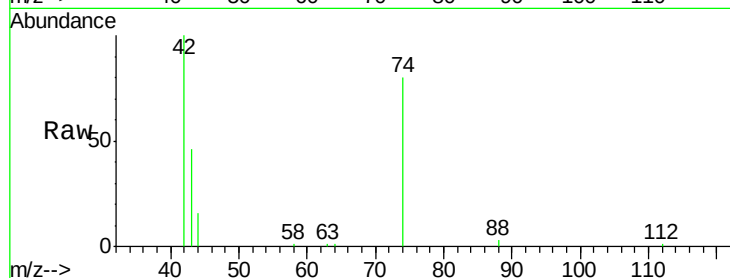
Tot Ion: 42 Resp: 10690

Ion Ratio Lower Upper

42 100

74 113.2 87.9 131.9

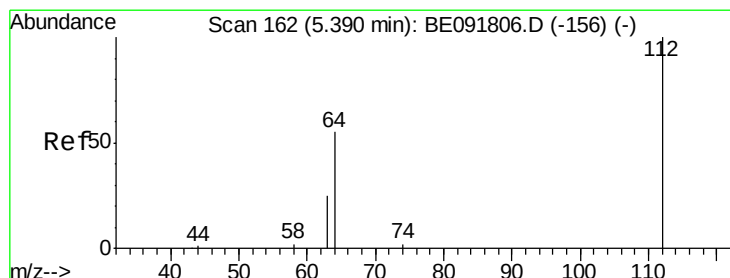
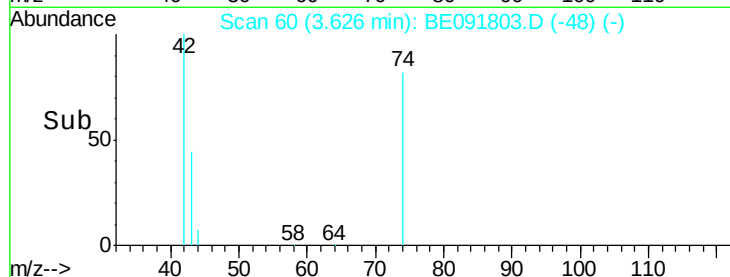
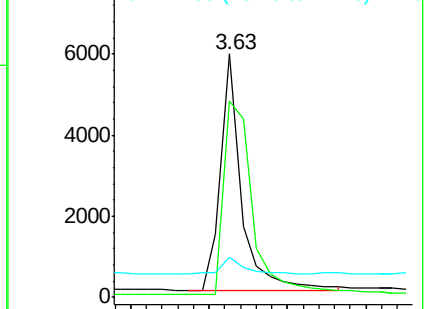
44 6.8 6.6 9.8



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: 3.05 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

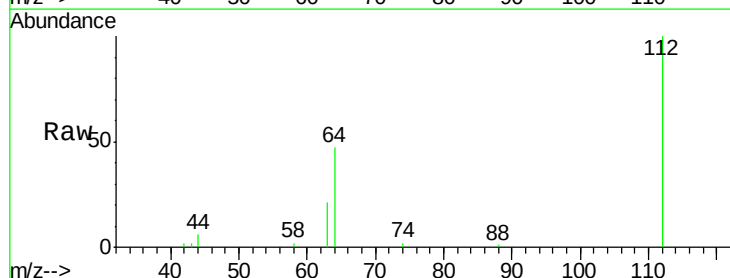
Tgt Ion: 112 Resp: 17403

Ion Ratio Lower Upper

112 100

64 66.8 30.9 46.3#

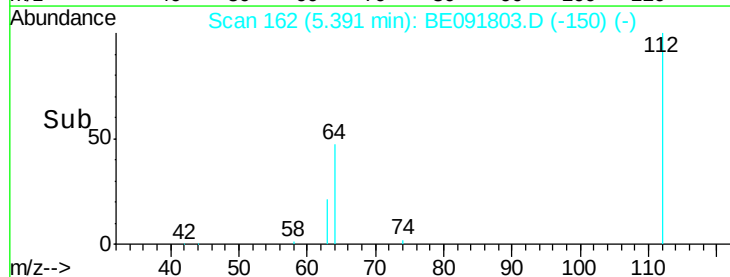
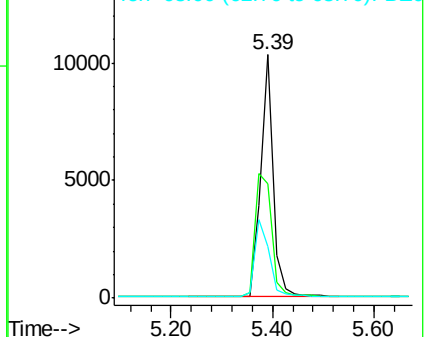
63 36.0 16.7 25.1#

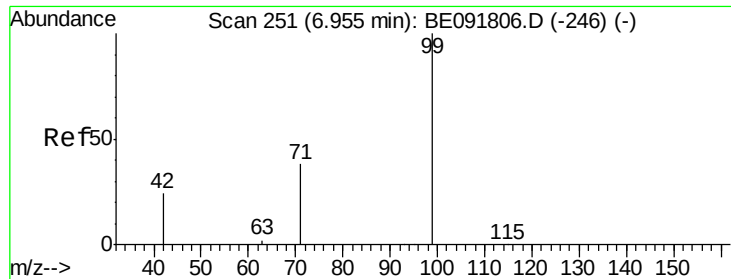


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.39 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

Instrument :

BNA_E

ClientSampleId :

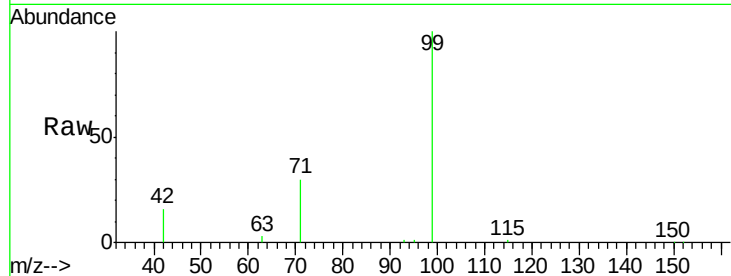
Tot Ion: 99 Resp: 25682

Ion Ratio Lower Upper

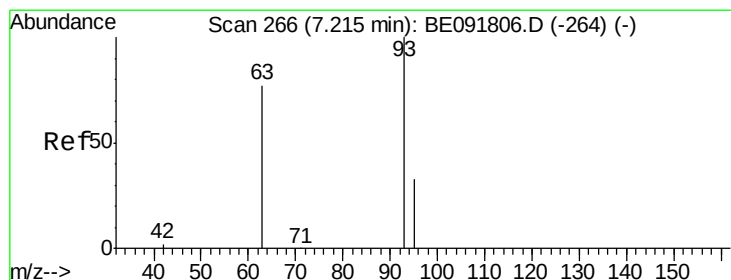
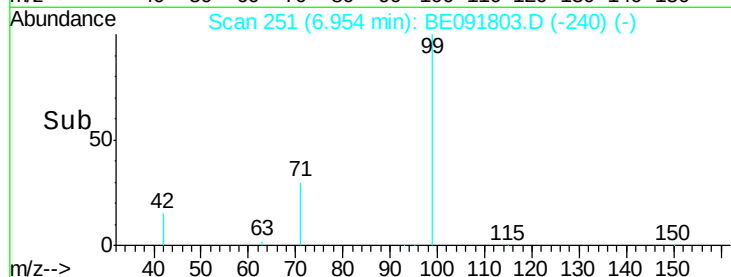
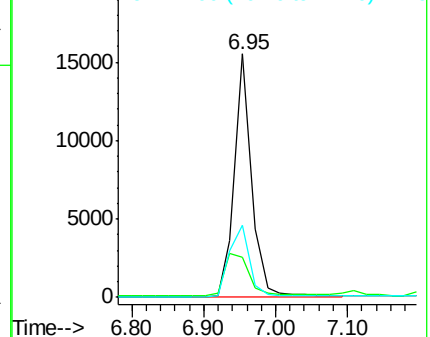
99 100

42 24.2 16.2 24.2

71 34.8 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: 3.02 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

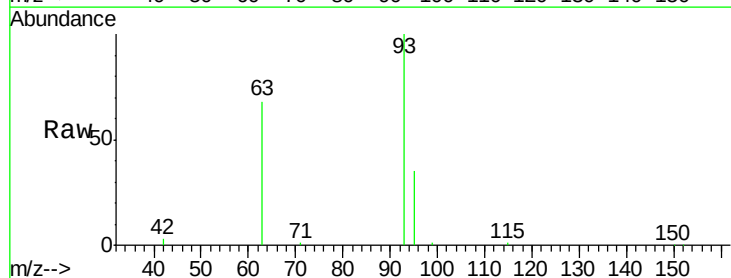
Tgt Ion: 93 Resp: 20126

Ion Ratio Lower Upper

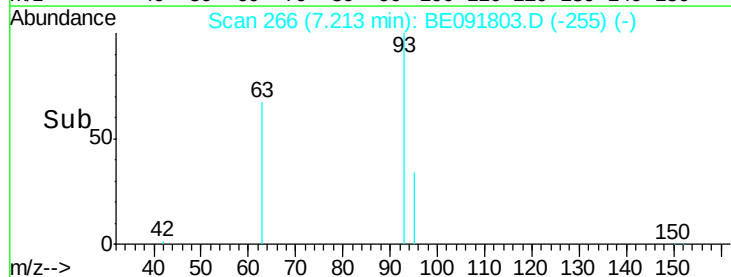
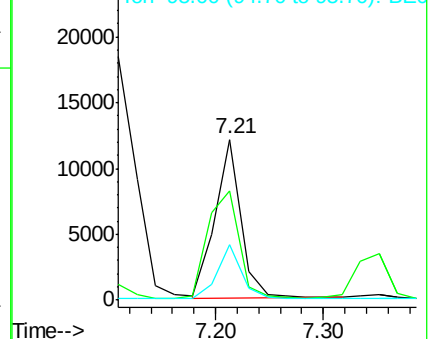
93 100

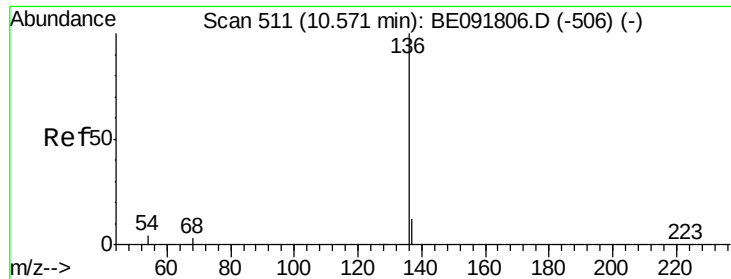
63 84.1 49.5 74.3#

95 32.8 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: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 122592

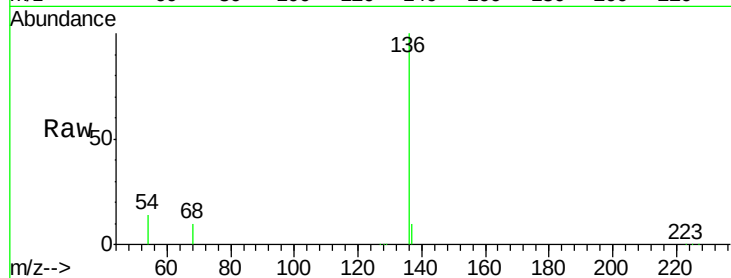
Ion Ratio Lower Upper

136 100

137 9.7 8.9 13.3

54 14.3 8.2 12.4#

68 9.8 6.2 9.4#

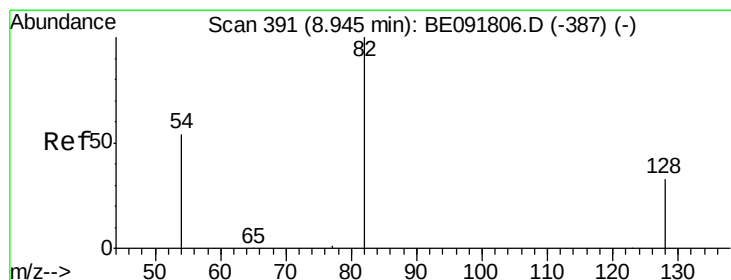
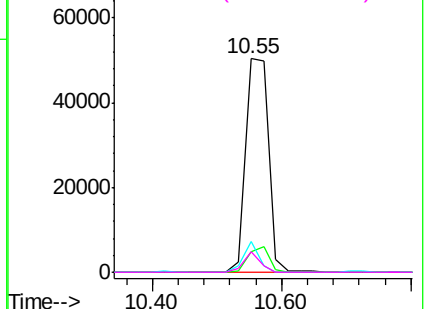
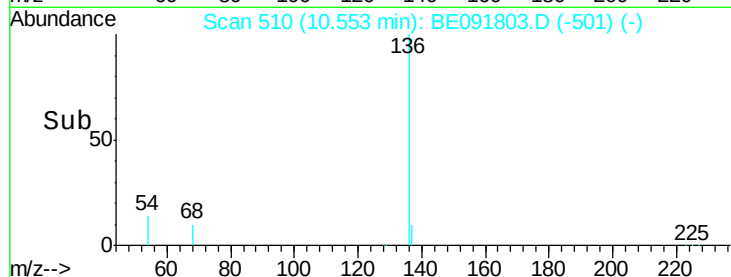


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.05 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

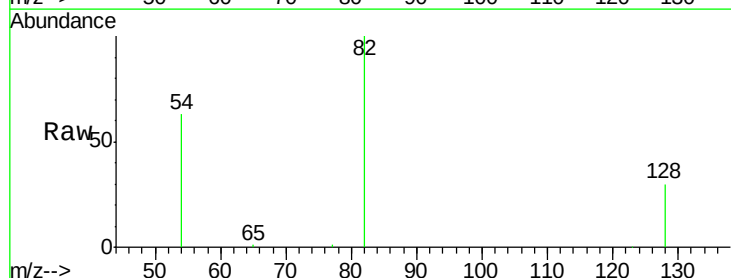
Tgt Ion: 82 Resp: 24166

Ion Ratio Lower Upper

82 100

128 30.0 25.4 38.0

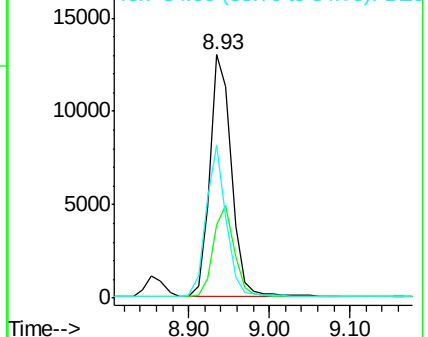
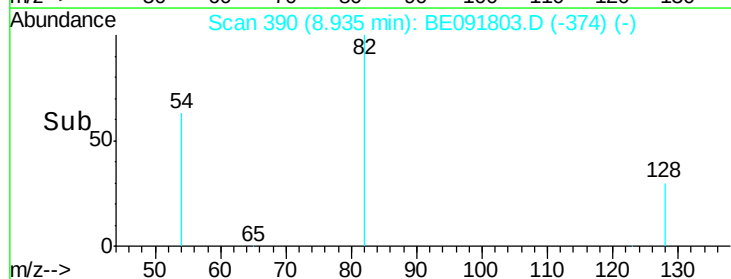
54 62.9 48.4 72.6

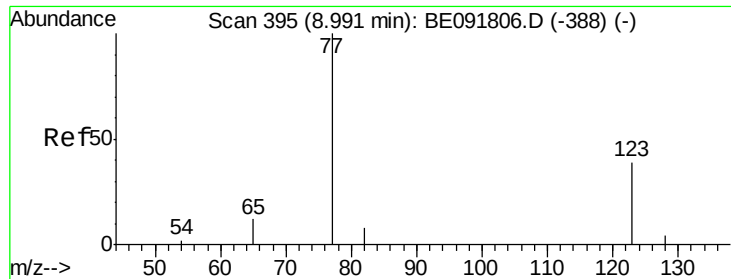


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 3.06 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

Instrument :

BNA_E

ClientSampleId :

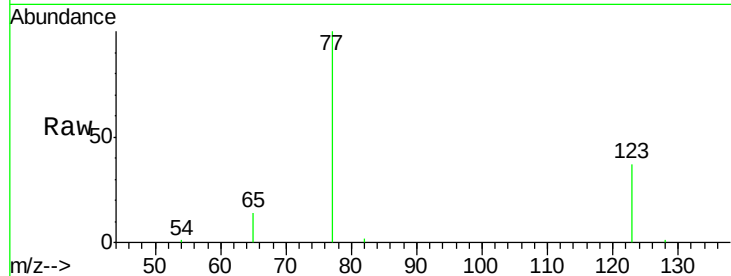
Tot Ion: 77 Resp: 25344

Ion Ratio Lower Upper

77 100

123 37.4 26.9 40.3

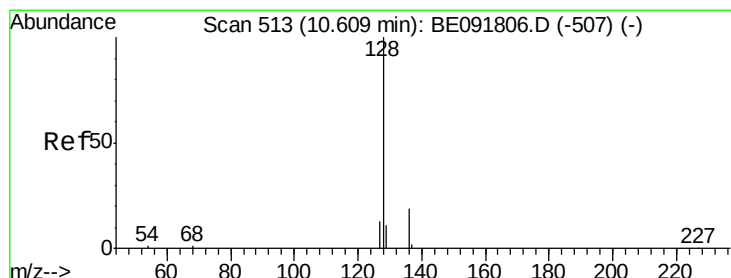
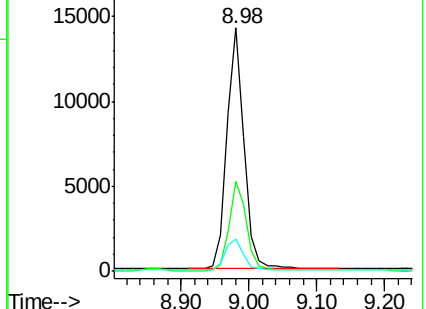
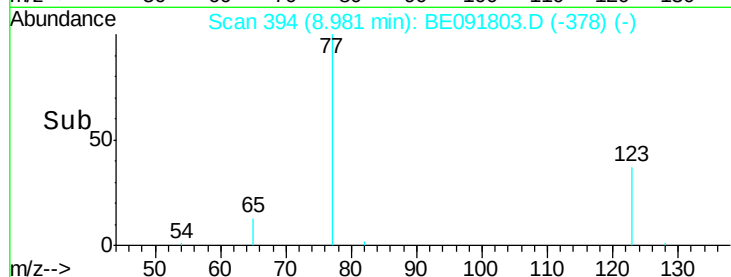
65 13.8 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091806.D (-388) (-)

Ion 123.00 (122.70 to 123.70): BE091806.D (-388) (-)

Ion 65.00 (64.70 to 65.70): BE091806.D (-388) (-)



#10

Naphthalene

Concen: 3.04 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

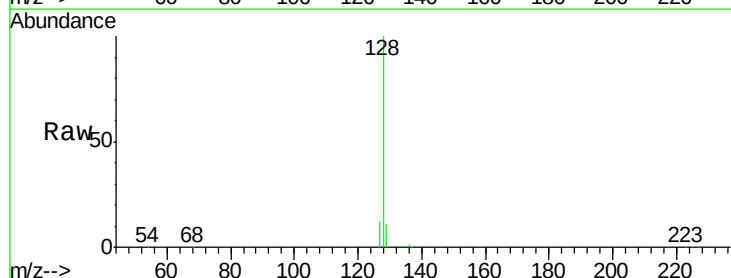
Tgt Ion: 128 Resp: 75219

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

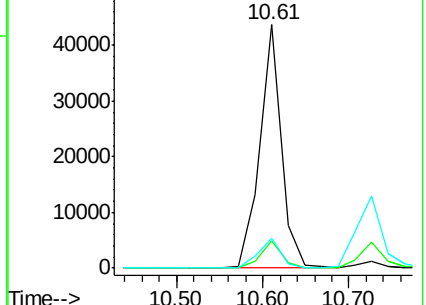
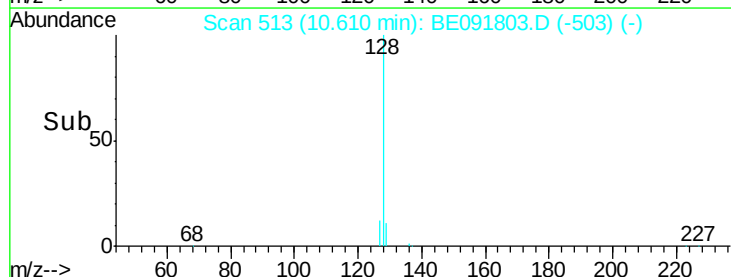
127 12.4 10.7 16.1

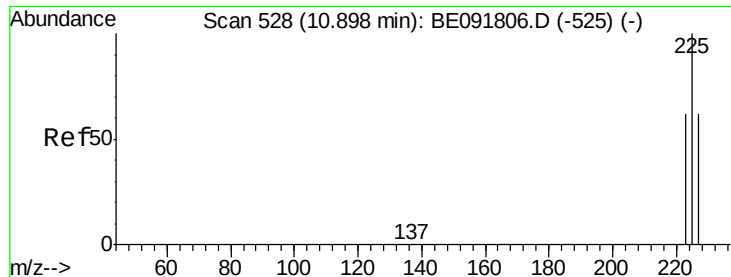


Abundance Ion 128.00 (127.70 to 128.70): BE091806.D (-507) (-)

Ion 129.00 (128.70 to 129.70): BE091806.D (-507) (-)

Ion 127.00 (126.70 to 127.70): BE091806.D (-507) (-)

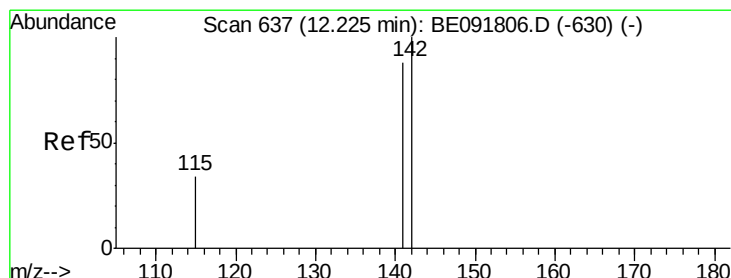
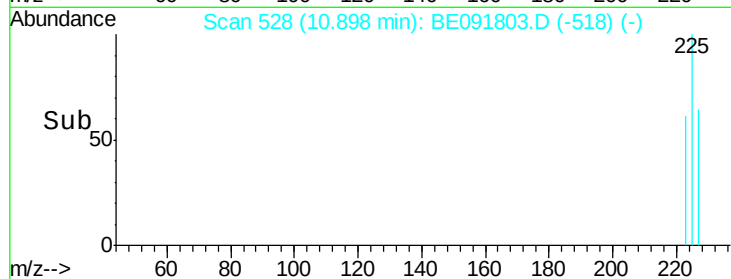
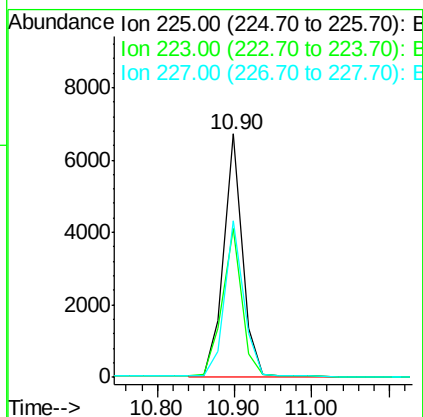
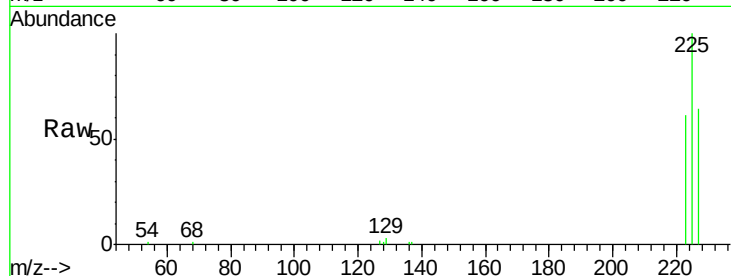




#11
Hexachlorobutadiene
Concen: 3.50 ng
RT: 10.90 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

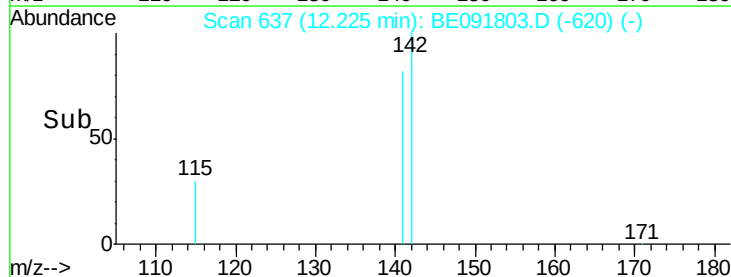
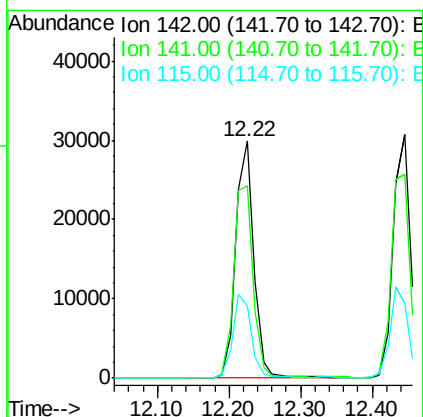
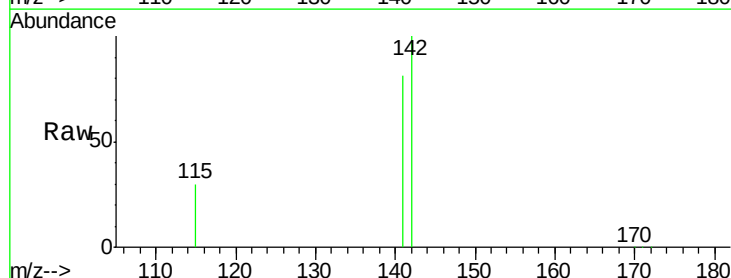
Instrument :
BNA_E
ClientSampleId :

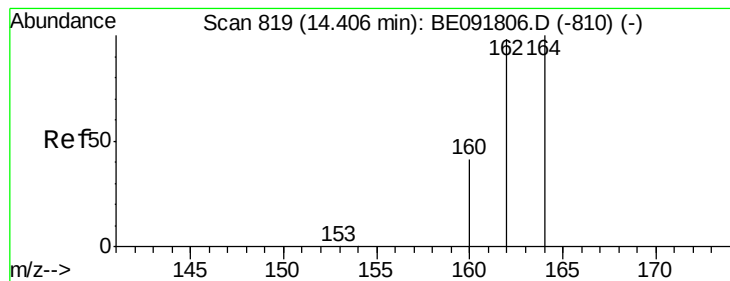
Tot Ion:225 Resp: 12799
Ion Ratio Lower Upper
225 100
223 64.6 49.0 73.6
227 65.9 50.3 75.5



#12
2-Methylnaphthalene
Concen: 3.25 ng
RT: 12.22 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

Tgt Ion:142 Resp: 51654
Ion Ratio Lower Upper
142 100
141 81.5 71.4 107.0
115 30.3 30.3 45.5#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

Instrument :

BNA_E

ClientSampleId :

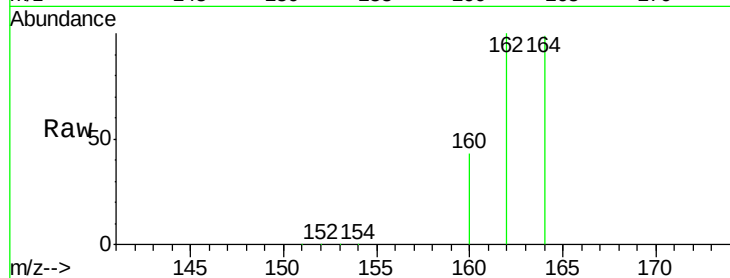
Tot Ion:164 Resp: 82888

Ion Ratio Lower Upper

164 100

162 101.0 85.3 127.9

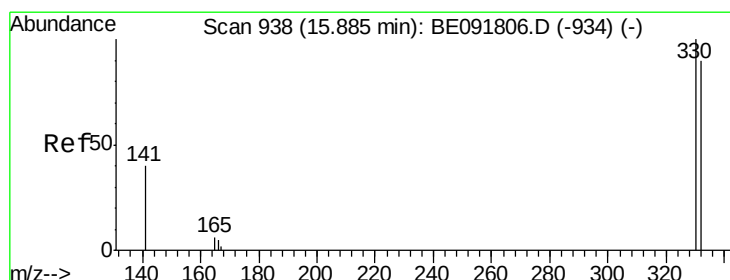
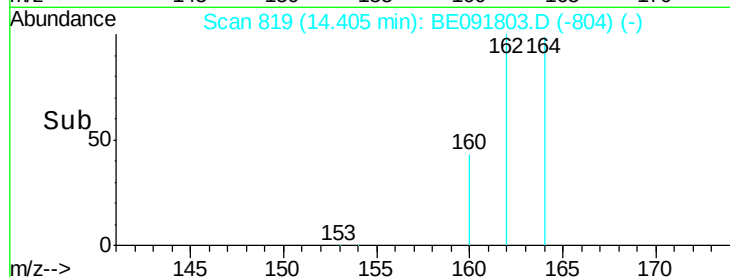
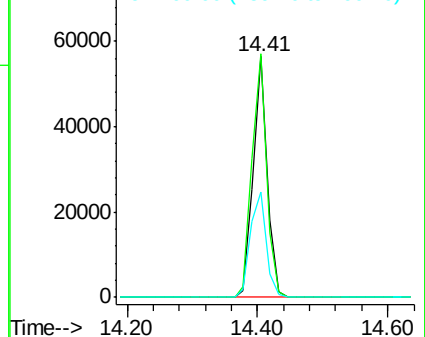
160 43.7 46.2 69.2#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 4.04 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

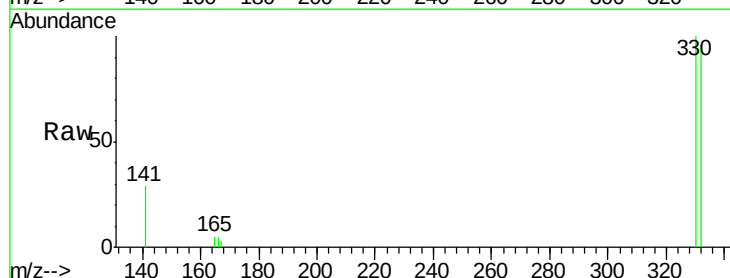
Tgt Ion:330 Resp: 10512

Ion Ratio Lower Upper

330 100

332 96.5 79.1 118.7

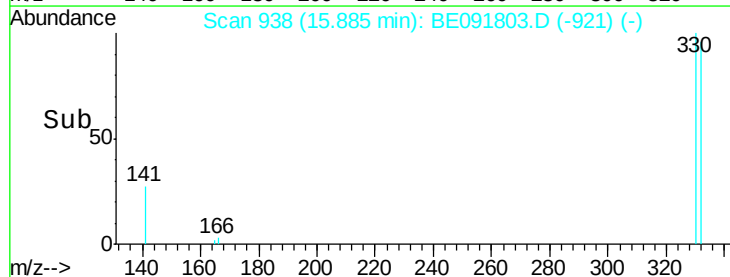
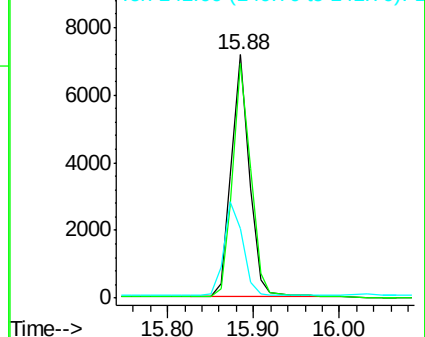
141 41.2 125.4 188.0#

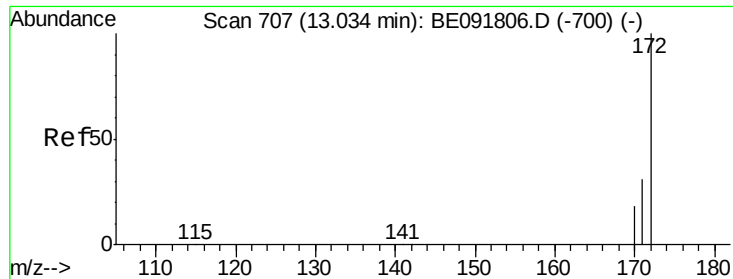


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

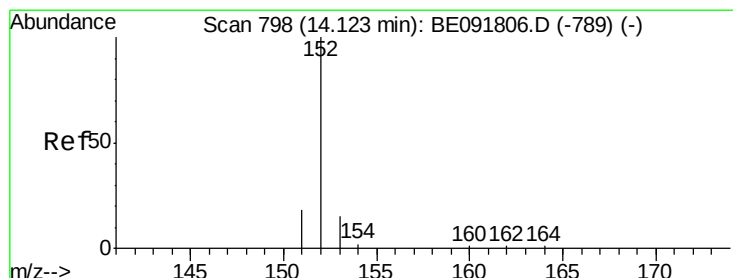
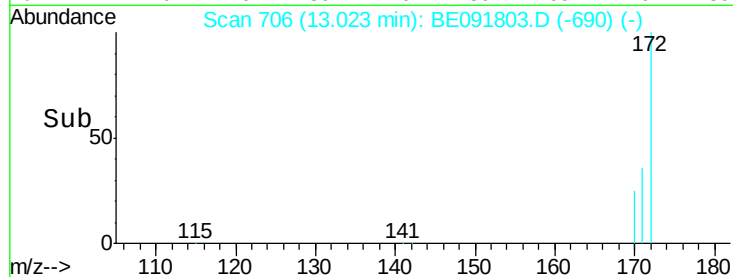
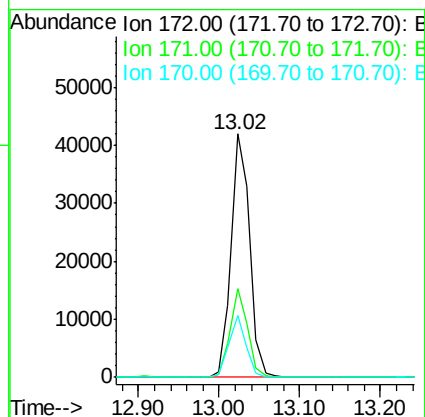
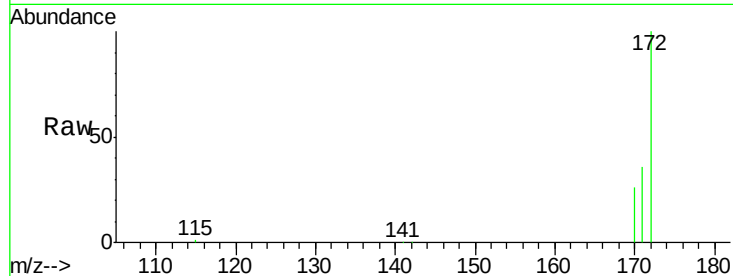




#15
2-Fluorobiphenyl
Concen: 2.83 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

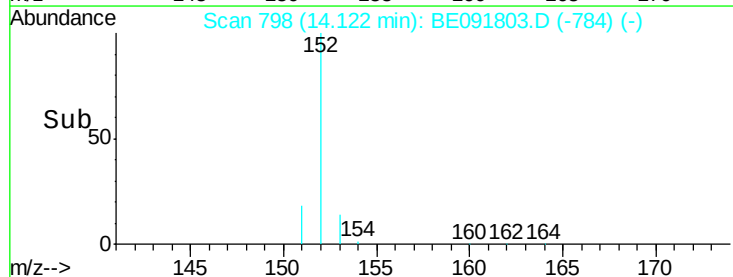
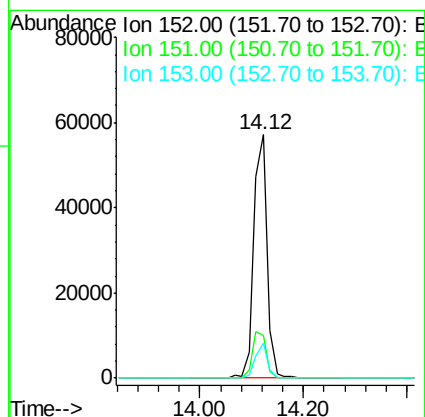
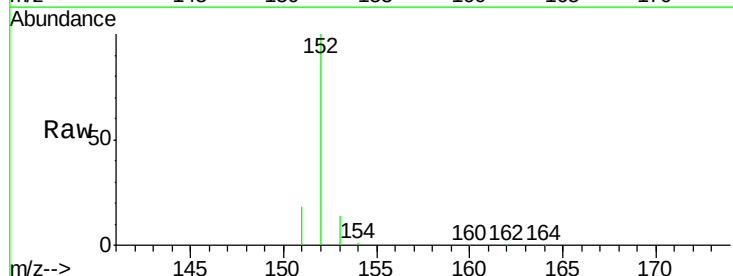
Instrument :
BNA_E
ClientSampled :

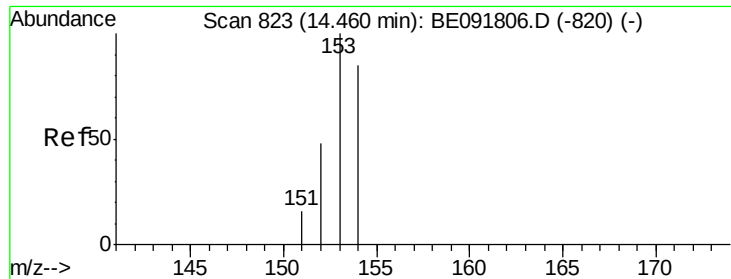
Tot Ion:172 Resp: 66309
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 25.6 19.3 28.9



#16
Acenaphthylene
Concen: 3.41 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

Tgt Ion:152 Resp: 108735
Ion Ratio Lower Upper
152 100
151 20.4 3.9 5.9#
153 13.7 10.3 15.5

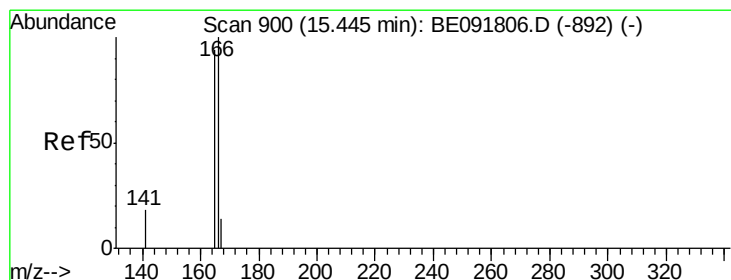
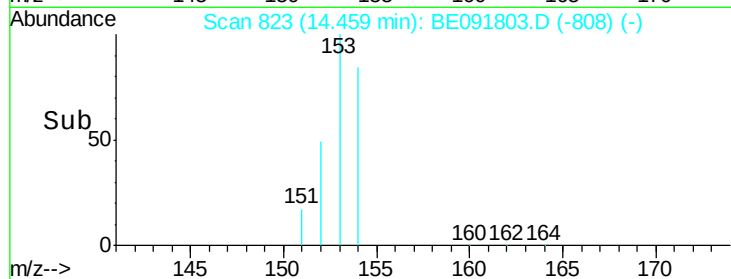
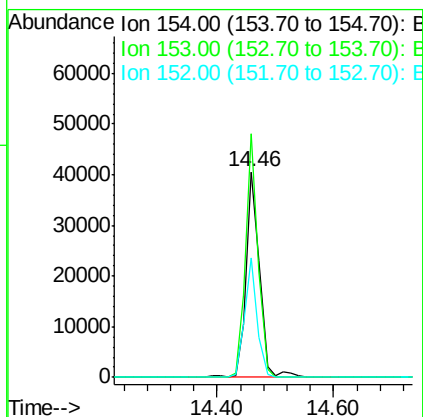
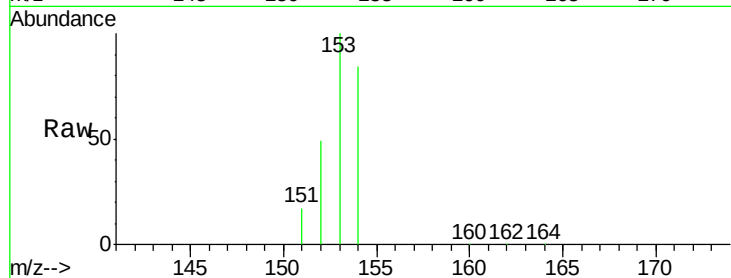




#17
Acenaphthene
Concen: 3.11 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

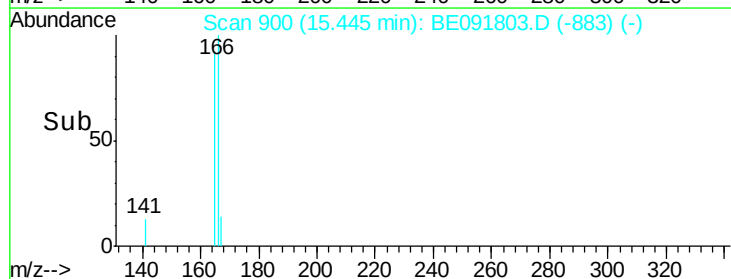
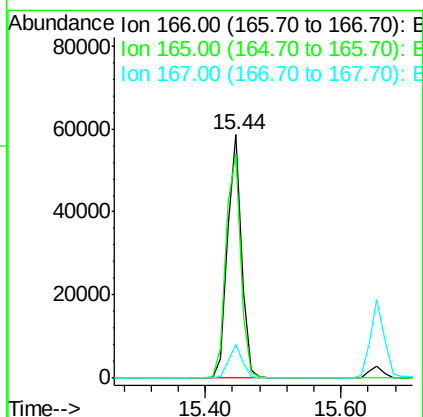
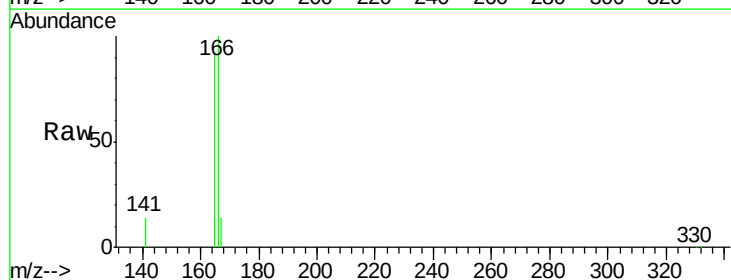
Instrument :
BNA_E
ClientSampleId :

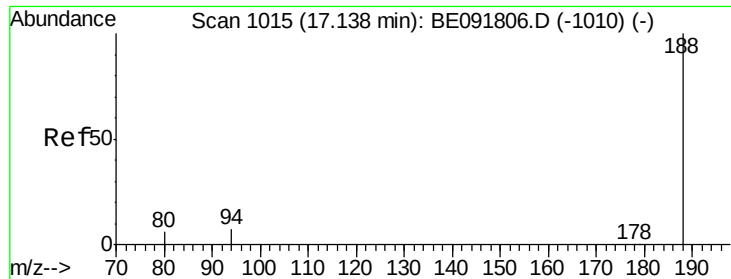
Tot Ion:154 Resp: 64339
Ion Ratio Lower Upper
154 100
153 109.6 80.0 120.0
152 54.0 40.0 60.0



#18
Fluorene
Concen: 3.33 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

Tgt Ion:166 Resp: 85684
Ion Ratio Lower Upper
166 100
165 98.0 80.8 121.2
167 13.4 10.9 16.3

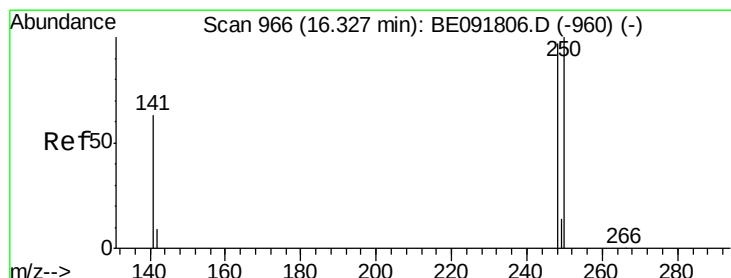
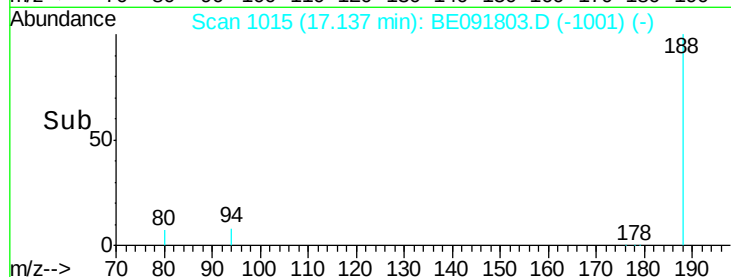
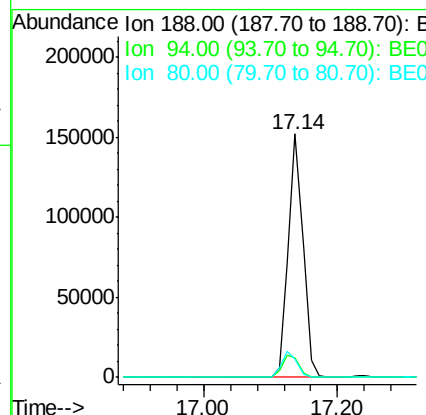
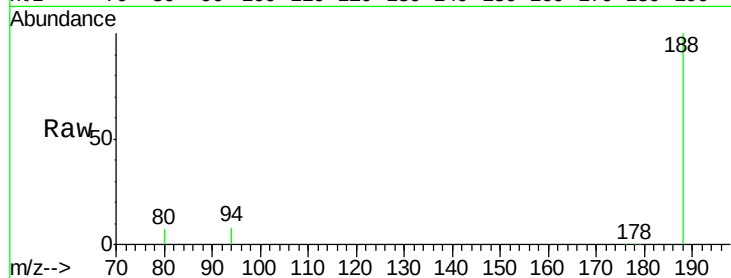




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

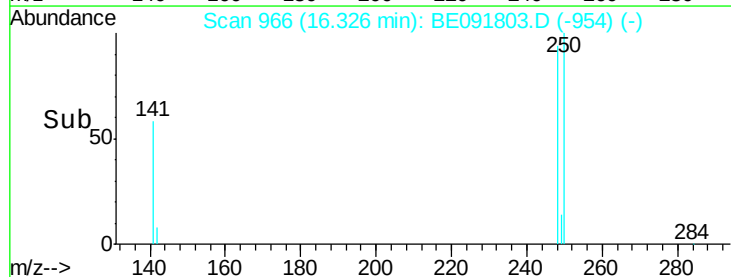
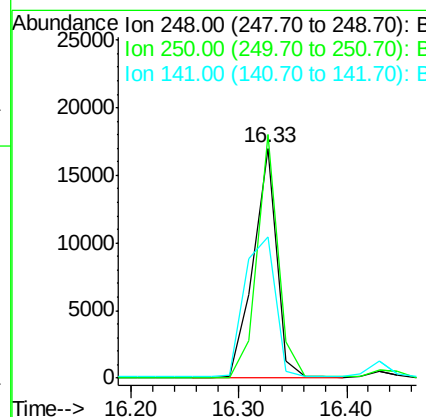
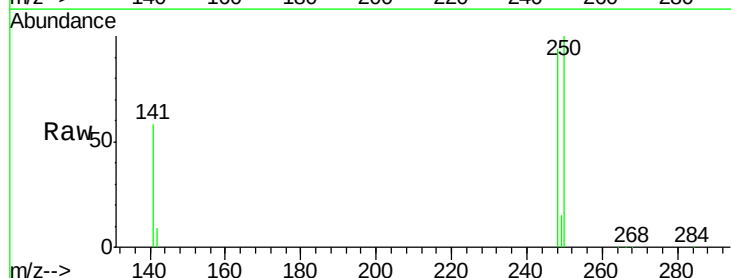
Instrument :
BNA_E
ClientSampleId :

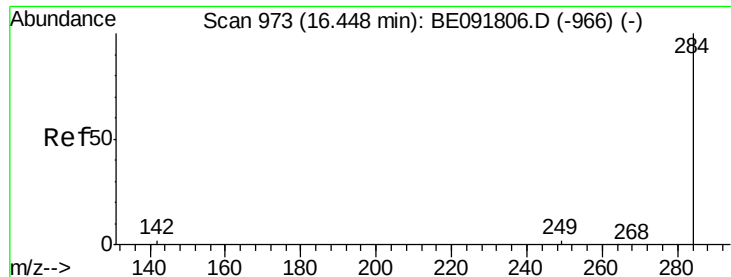
Tot Ion:188 Resp: 254265
Ion Ratio Lower Upper
188 100
94 8.1 8.7 13.1#
80 7.5 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

Tgt Ion:248 Resp: 25391
Ion Ratio Lower Upper
248 100
250 96.5 80.5 120.7
141 81.0 72.0 108.0

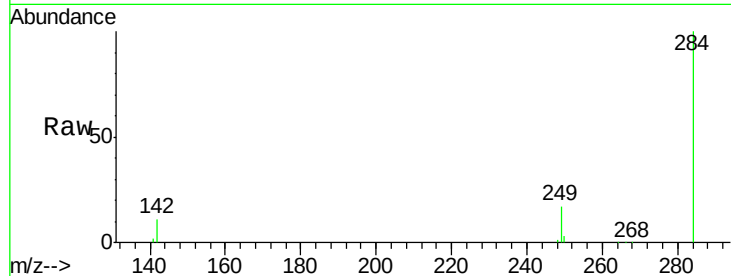




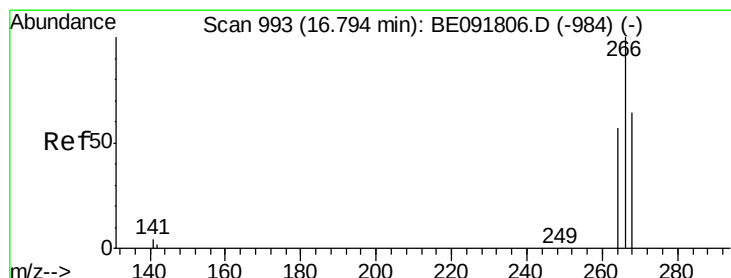
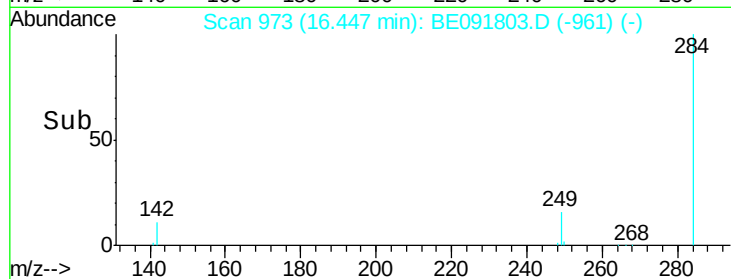
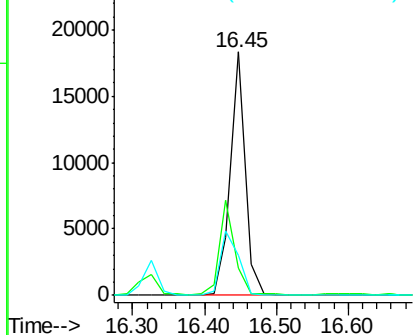
#21
Hexachlorobenzene
Concen: 2.84 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 25976
Ion Ratio Lower Upper
284 100
142 39.4 32.2 48.2
249 32.5 25.4 38.2

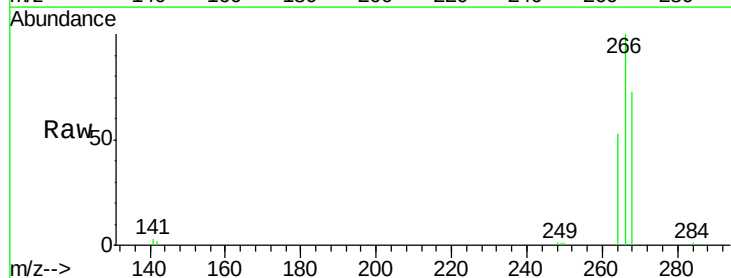


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

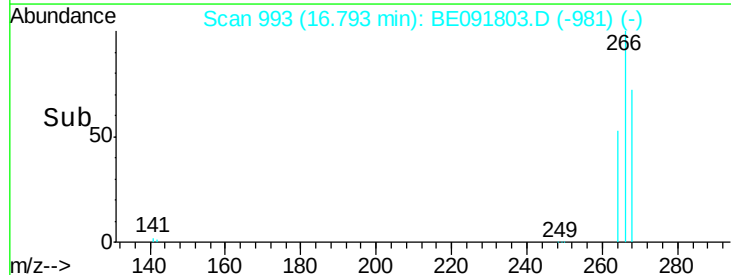
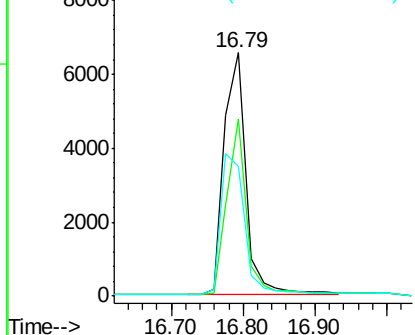


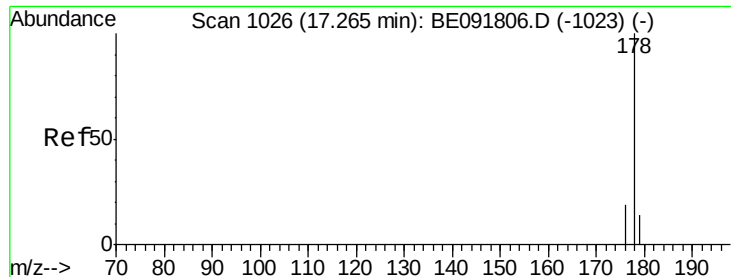
#22
Pentachlorophenol
Concen: 3.21 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

Tgt Ion:266 Resp: 13813
Ion Ratio Lower Upper
266 100
268 72.6 58.2 87.2
264 53.3 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: 2.71 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

Instrument :

BNA_E

ClientSampled :

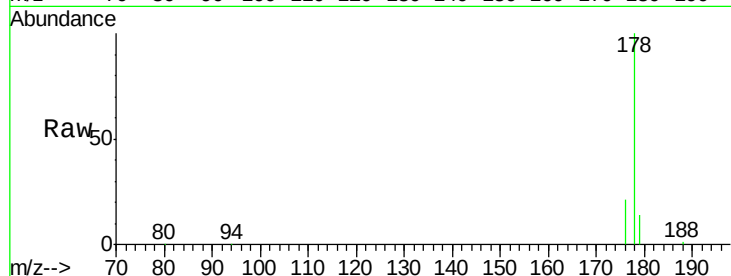
Tot Ion:178 Resp: 156787

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

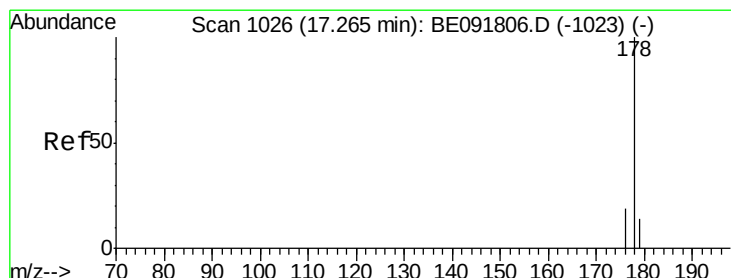
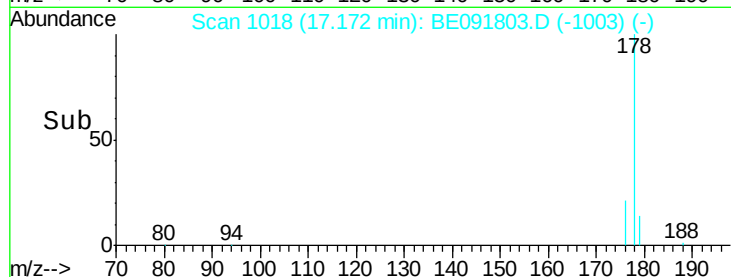
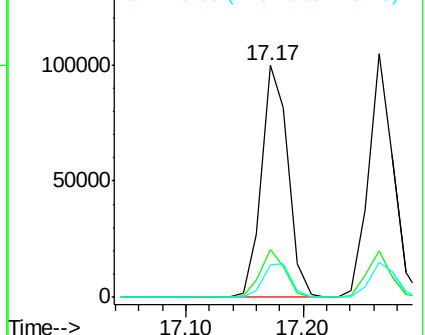
179 15.4 12.6 18.8



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: 2.95 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

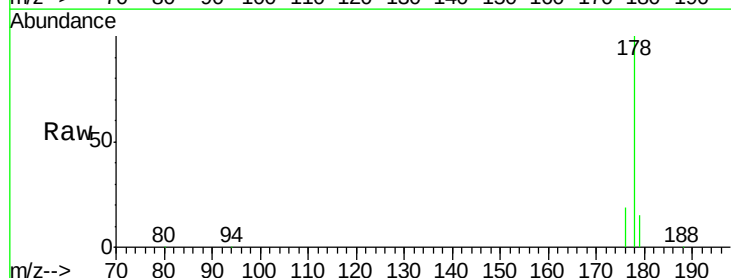
Tgt Ion:178 Resp: 153561

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

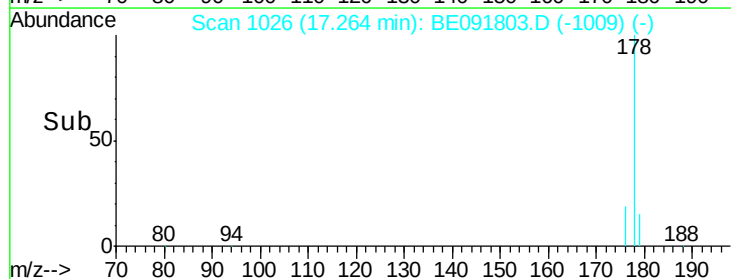
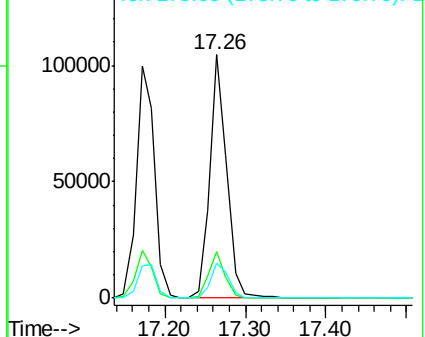
179 15.2 11.8 17.6

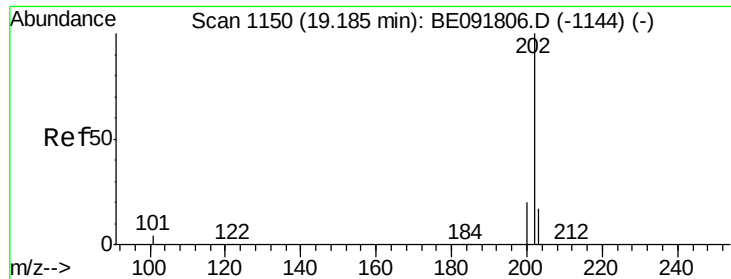


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 2.98 ng

RT: 19.19 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

Instrument :

BNA_E

ClientSampleId :

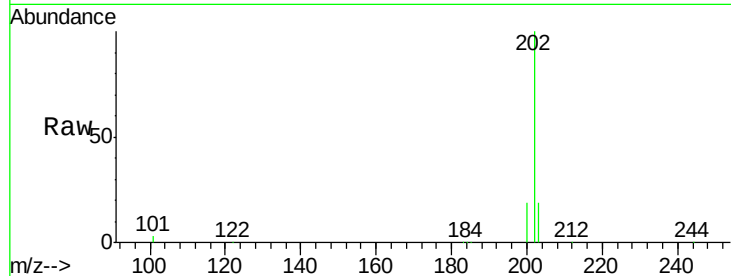
Tot Ion:202 Resp: 179732

Ion Ratio Lower Upper

202 100

101 11.6 11.0 16.6

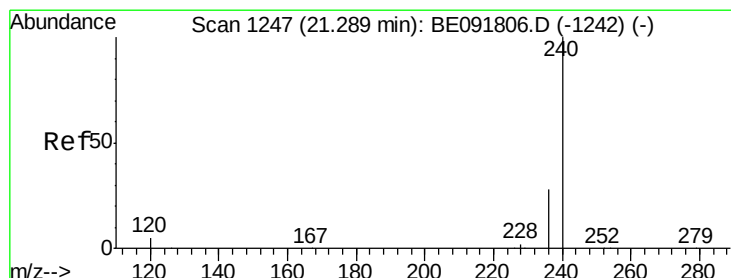
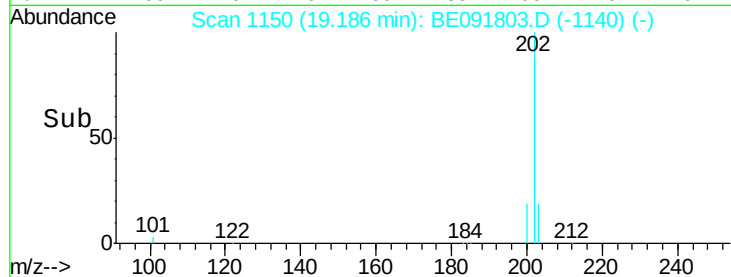
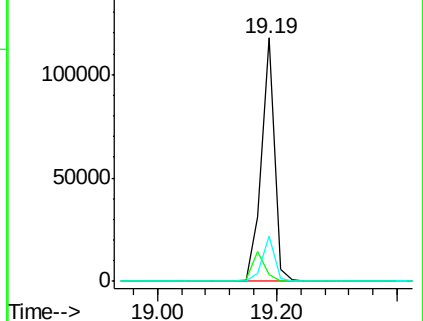
203 17.7 13.9 20.9



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: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

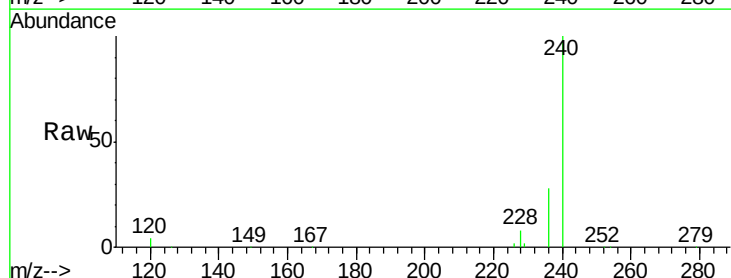
Tgt Ion:240 Resp: 312976

Ion Ratio Lower Upper

240 100

120 4.2 11.0 16.4#

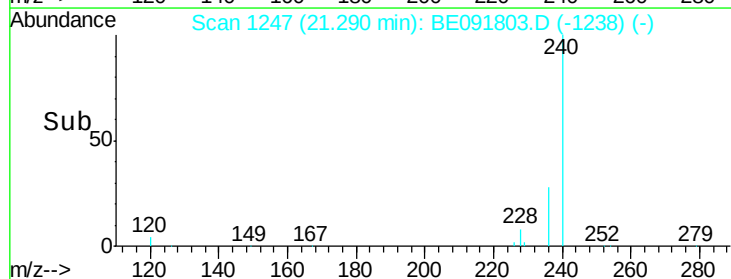
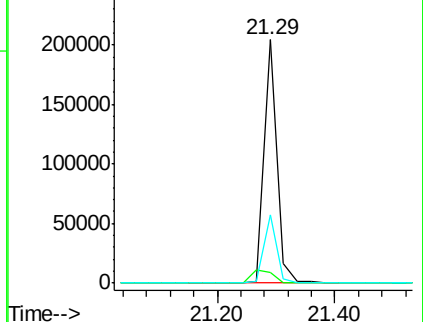
236 28.0 21.7 32.5

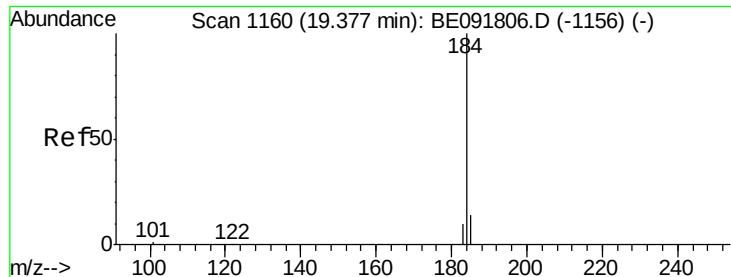


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 4.37 ng

RT: 19.36 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

Instrument :

BNA_E

ClientSampleId :

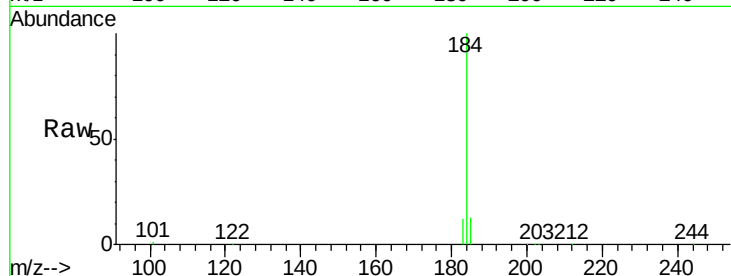
Tot Ion:184 Resp: 78190

Ion Ratio Lower Upper

184 100

185 12.5 22.3 33.5#

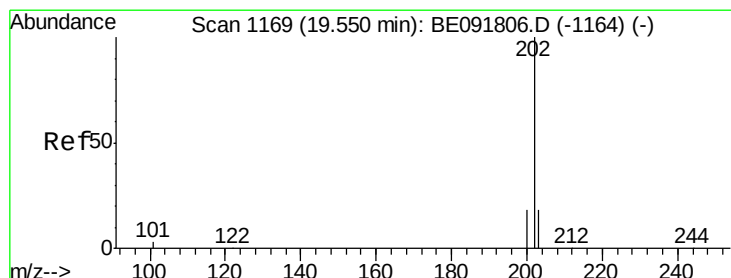
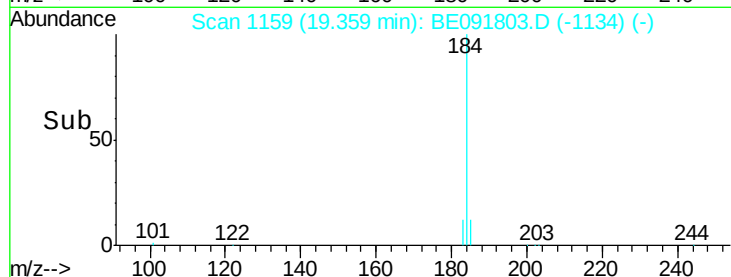
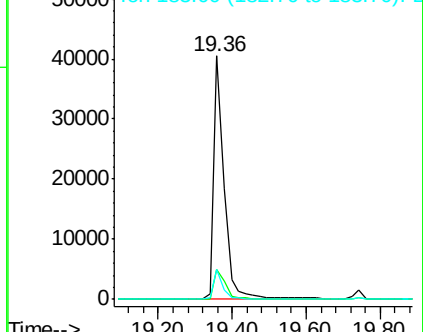
183 12.1 16.4 24.6#



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: 2.67 ng

RT: 19.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

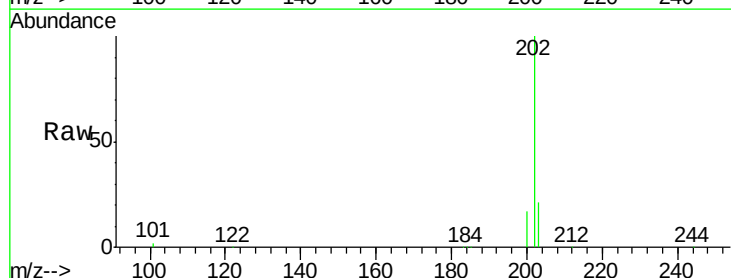
Tgt Ion:202 Resp: 188523

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

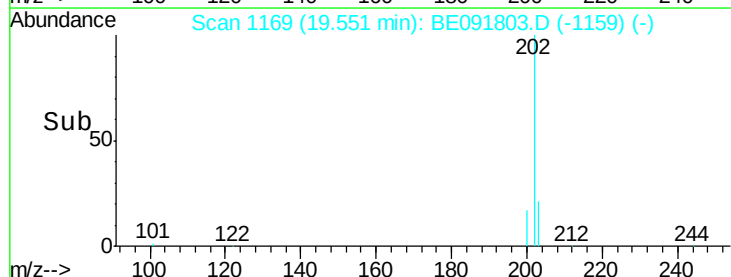
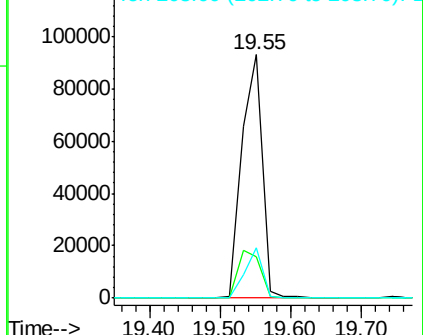
203 17.7 14.0 21.0

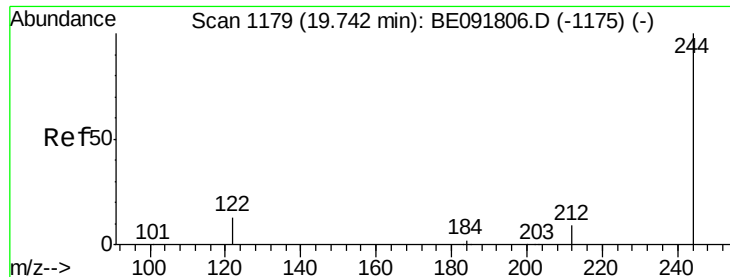


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 2.56 ng

RT: 19.74 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

Instrument :

BNA_E

ClientSampleId :

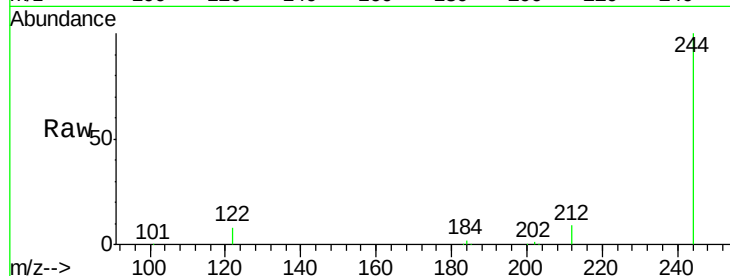
Tot Ion:244 Resp: 124806

Ion Ratio Lower Upper

244 100

212 9.1 6.9 10.3

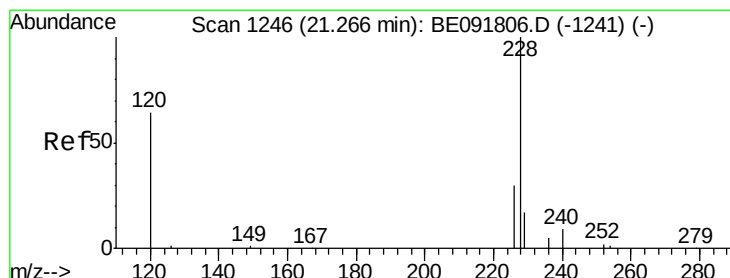
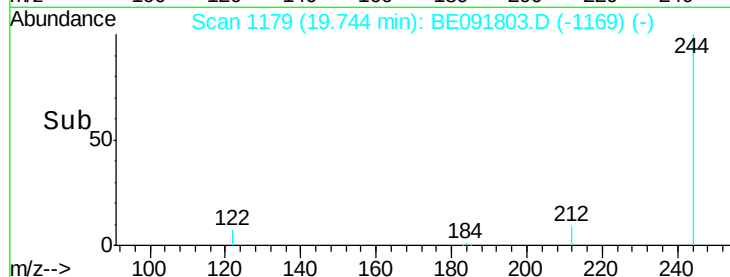
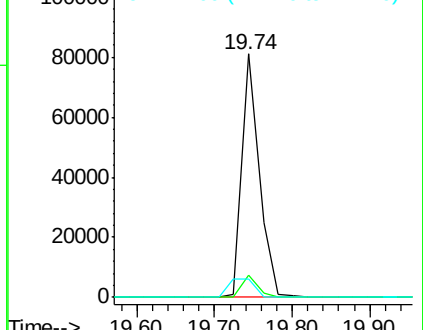
122 7.7 11.0 16.4#



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: 5.12 ng

RT: 21.27 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

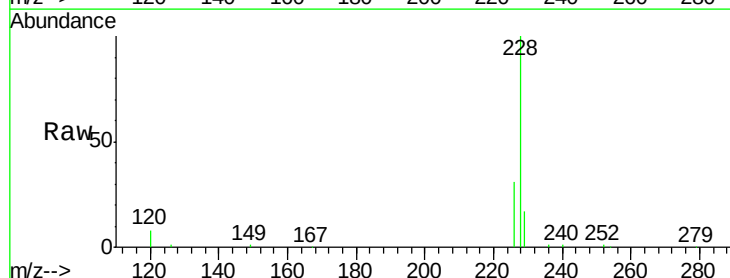
Tgt Ion:228 Resp: 391391

Ion Ratio Lower Upper

228 100

226 30.5 21.0 31.4

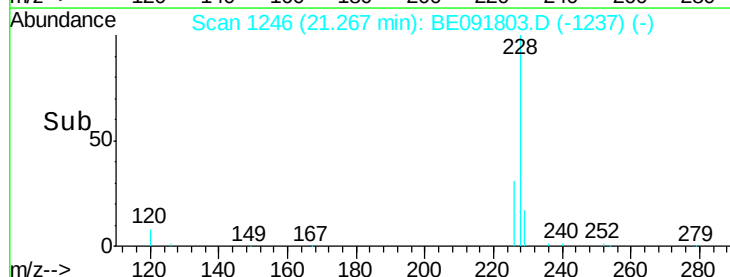
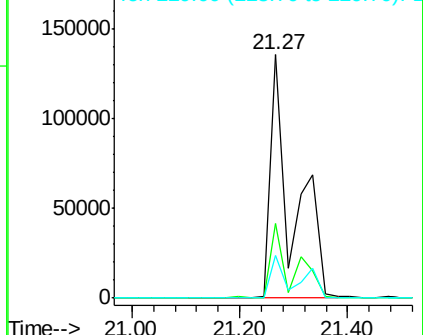
229 17.4 15.7 23.5

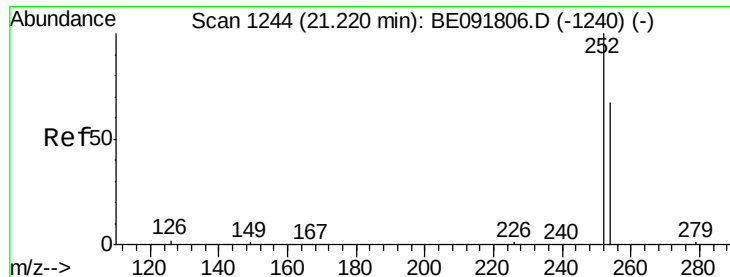


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

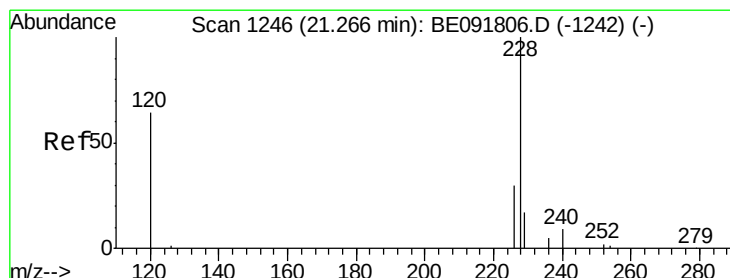
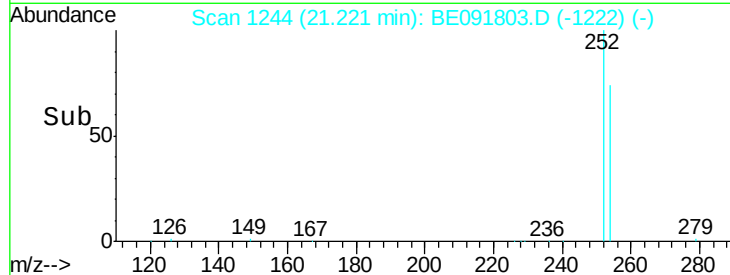
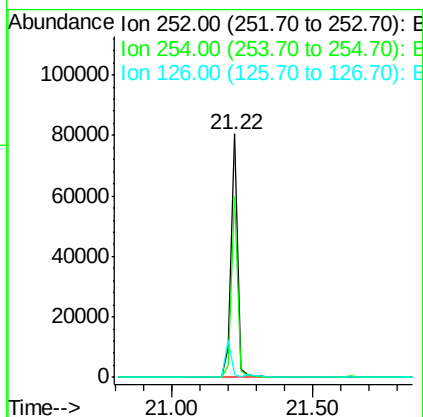
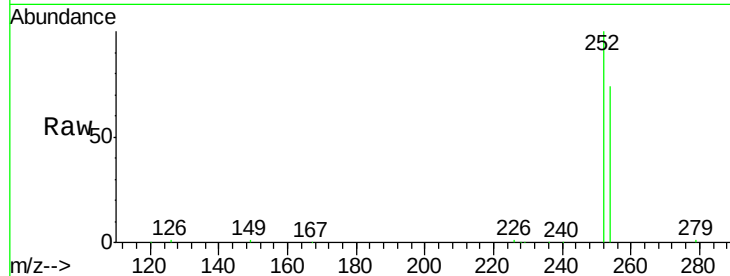




#31
 3,3'-Dichlorobenzidine
 Concen: 3.41 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091803.D
 Acq: 19 May 2016 10:42

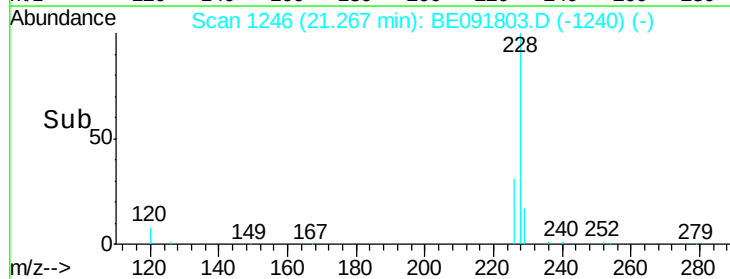
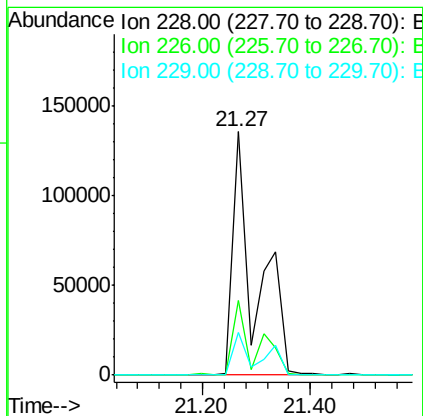
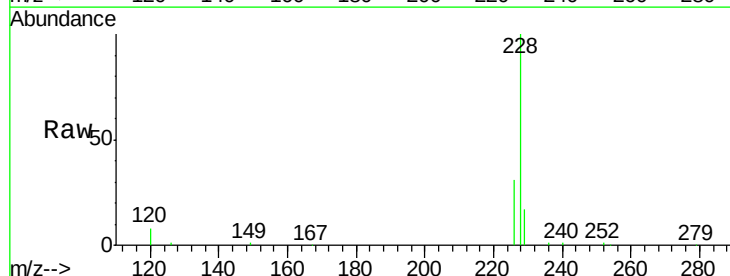
Instrument :
 BNA_E
 ClientSampleId :

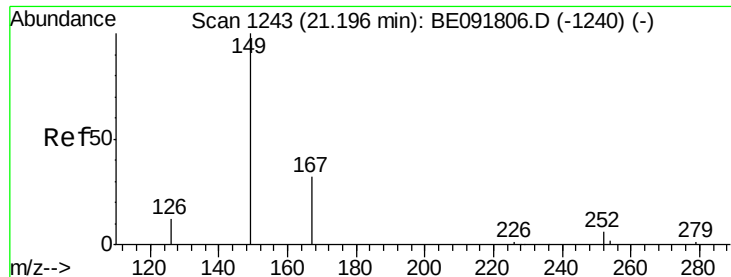
Tot Ion:252 Resp: 133076
 Ion Ratio Lower Upper
 252 100
 254 74.1 51.1 76.7
 126 1.1 12.6 18.8#



#32
 Chrysene
 Concen: 4.95 ng
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.07 min
 Lab File: BE091803.D
 Acq: 19 May 2016 10:42

Tgt Ion:228 Resp: 393624
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.0 36.0
 229 17.4 15.9 23.9

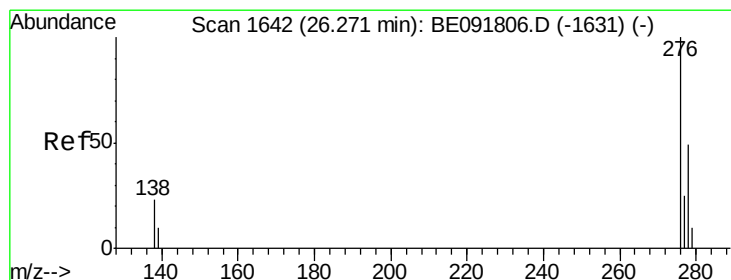
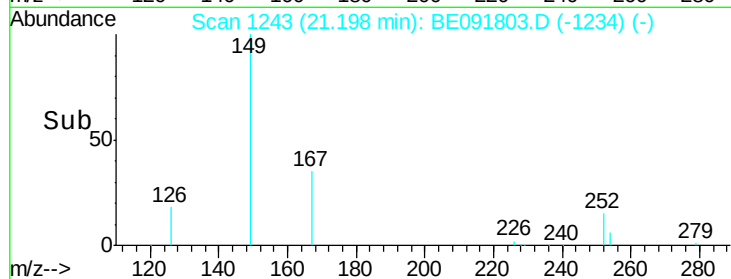
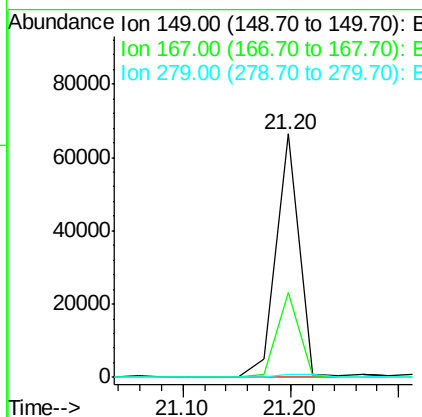
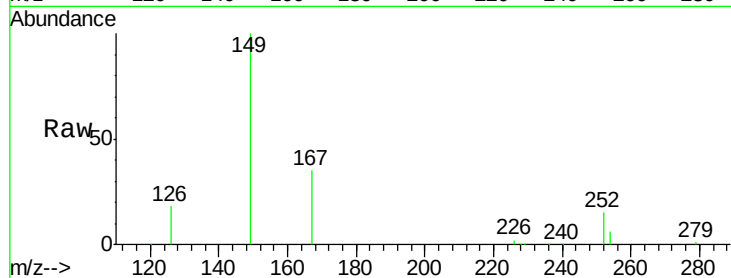




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 4.27 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE091803.D
 Acq: 19 May 2016 10:42

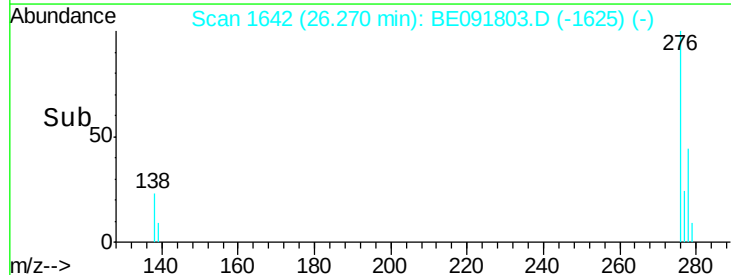
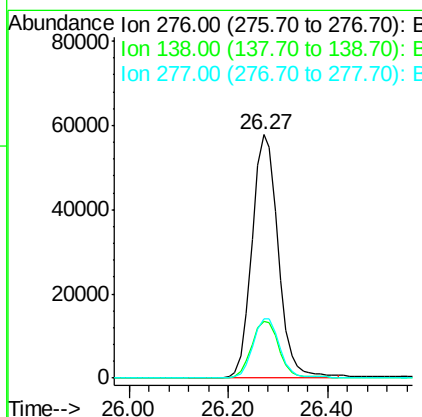
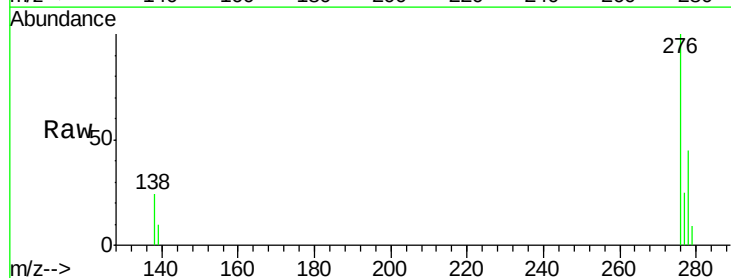
Instrument :
 BNA_E
 ClientSampleId :

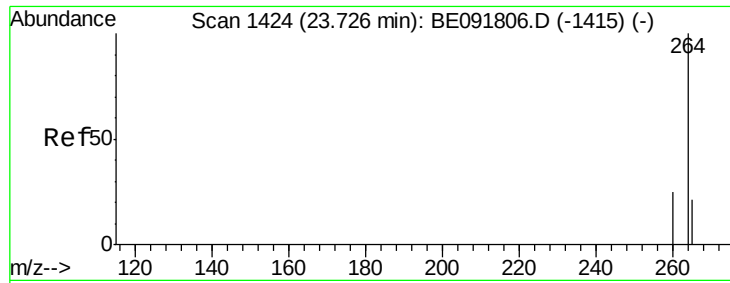
Tot Ion:149 Resp: 98945
 Ion Ratio Lower Upper
 149 100
 167 33.6 19.5 29.3#
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.01 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BE091803.D
 Acq: 19 May 2016 10:42

Tgt Ion:276 Resp: 212965
 Ion Ratio Lower Upper
 276 100
 138 24.5 23.4 35.2
 277 24.8 19.8 29.8



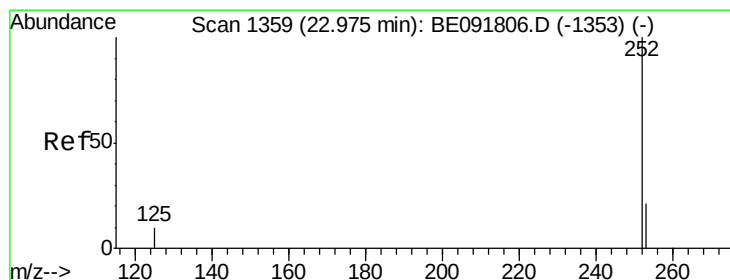
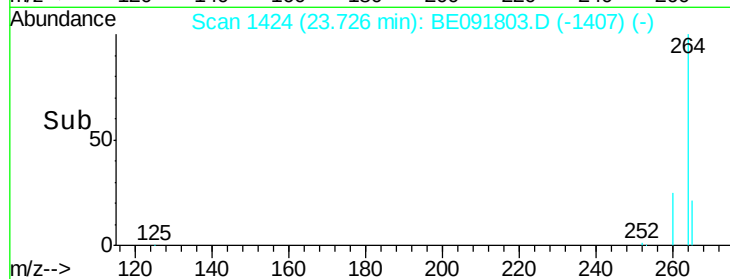
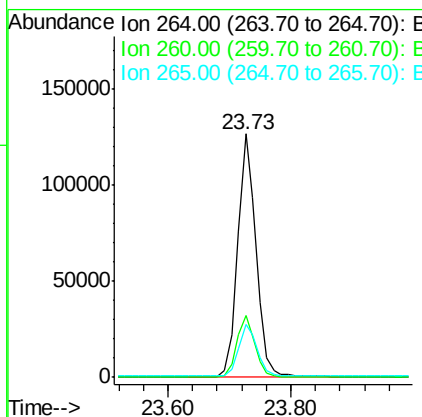
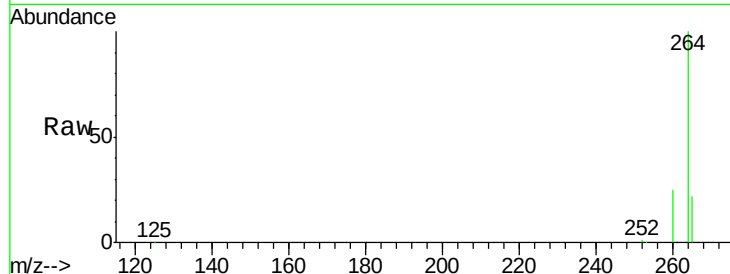


#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 263939

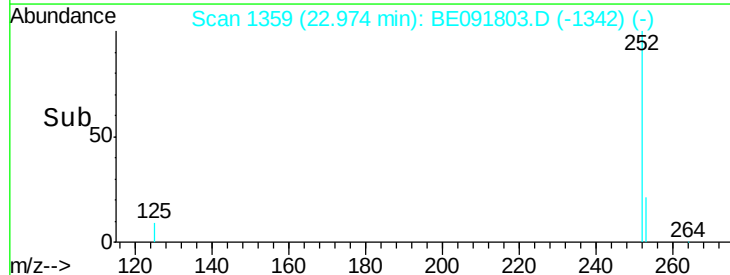
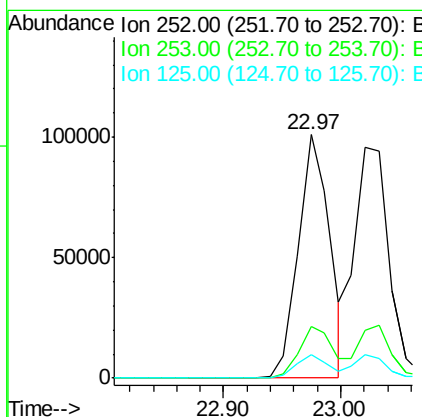
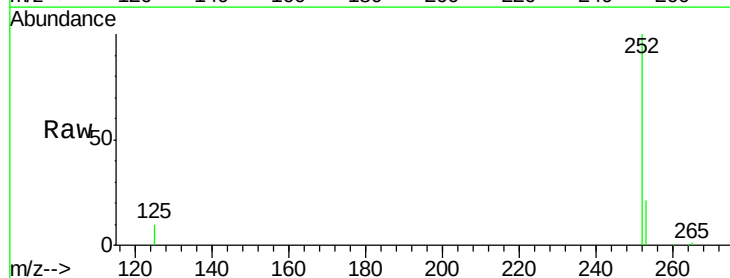
Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	21.7	17.5	26.3

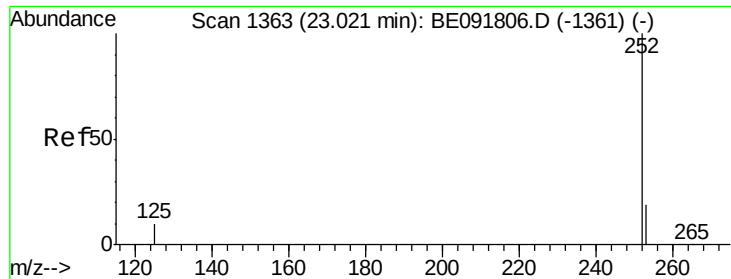


#36
Benzo(b)fluoranthene
Concen: 3.03 ng
RT: 22.97 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BE091803.D
Acq: 19 May 2016 10:42

Tgt Ion:252 Resp: 187231

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	9.5	10.2	15.2#





#37

Benzo(k)fluoranthene

Concen: 3.12 ng

RT: 23.02 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

Instrument :

BNA_E

ClientSampleId :

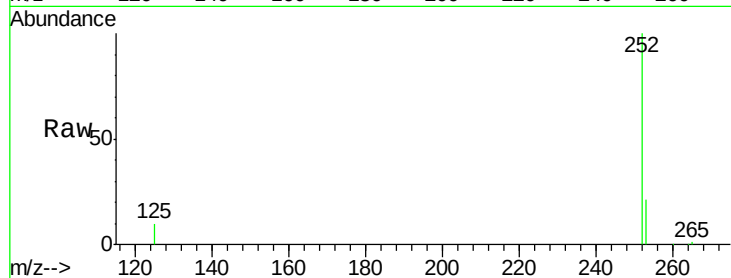
Tot Ion:252 Resp: 196310

Ion Ratio Lower Upper

252 100

253 20.7 17.6 26.4

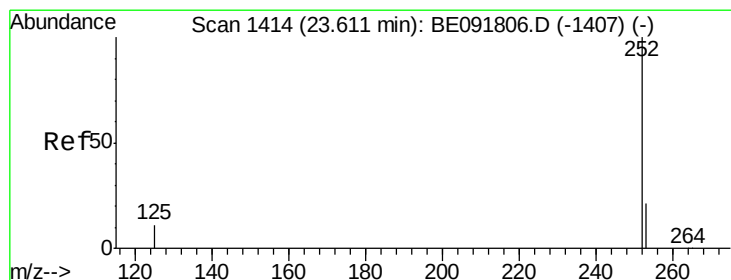
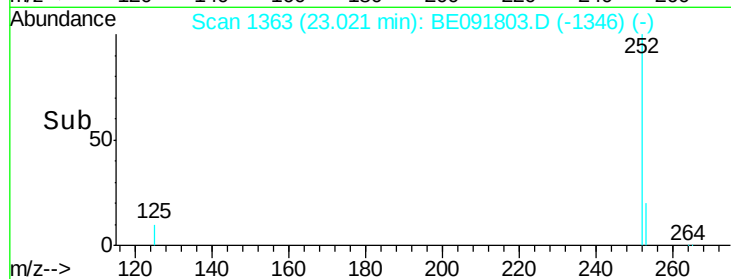
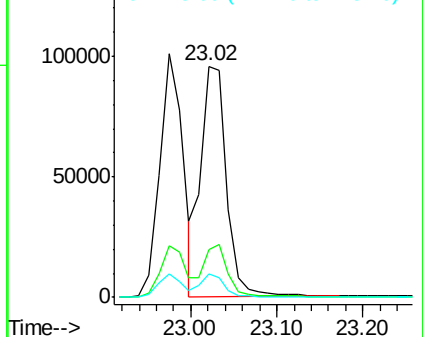
125 9.9 9.9 14.9



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: 3.10 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

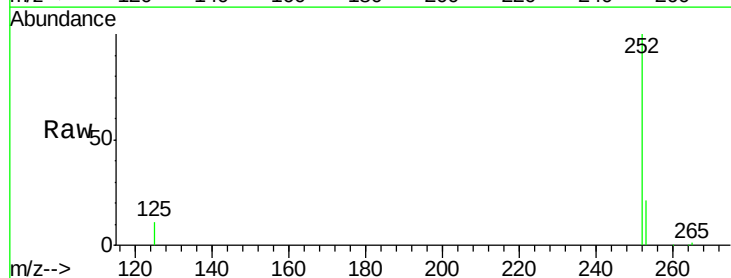
Tgt Ion:252 Resp: 180513

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

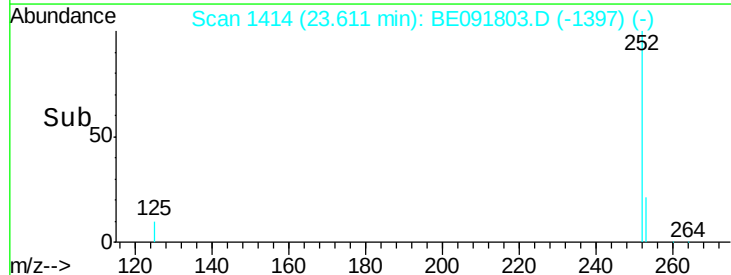
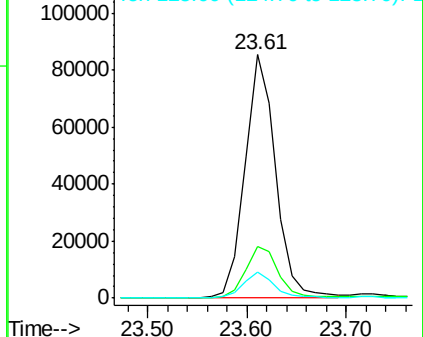
125 10.6 11.0 16.4#

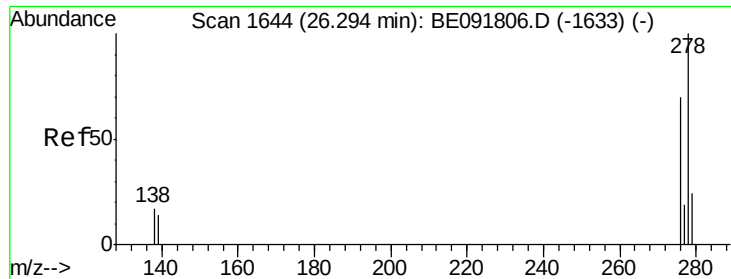


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.21 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

Instrument :

BNA_E

ClientSampleId :

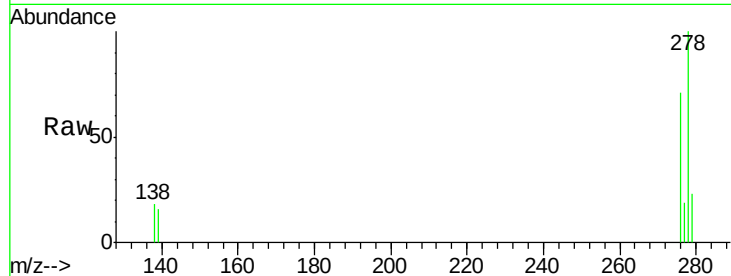
Tot Ion:278 Resp: 177338

Ion Ratio Lower Upper

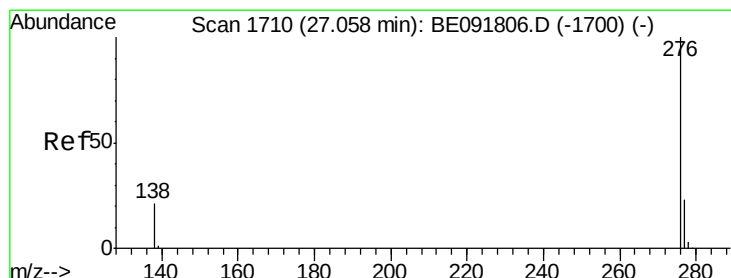
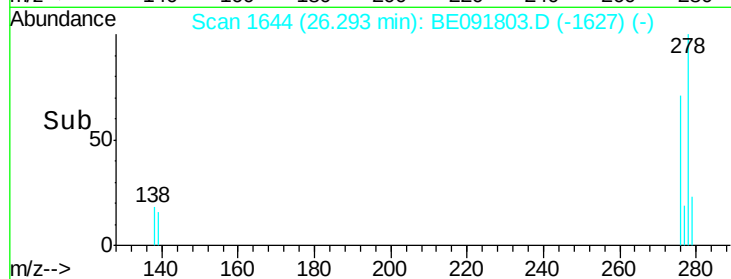
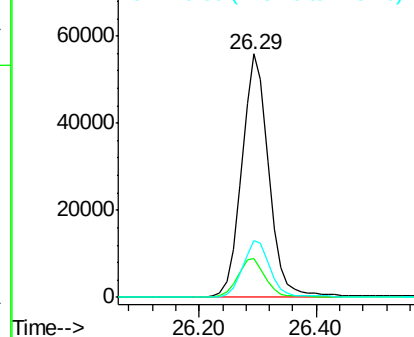
278 100

139 15.9 16.0 24.0#

279 23.5 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: 3.19 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091803.D

Acq: 19 May 2016 10:42

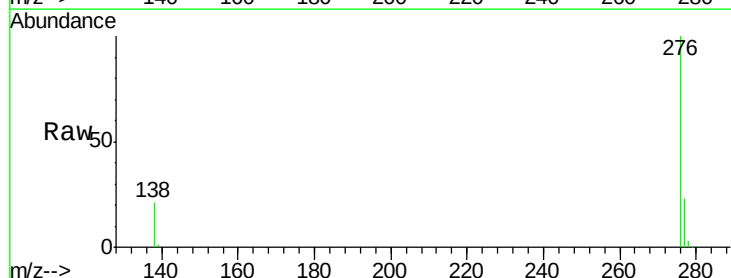
Tgt Ion:276 Resp: 179089

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 20.5 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

