

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
 Data File : BE091638.D
 Acq On : 11 Apr 2016 21:10
 Operator : UM/SJ
 Sample : H2248-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MS

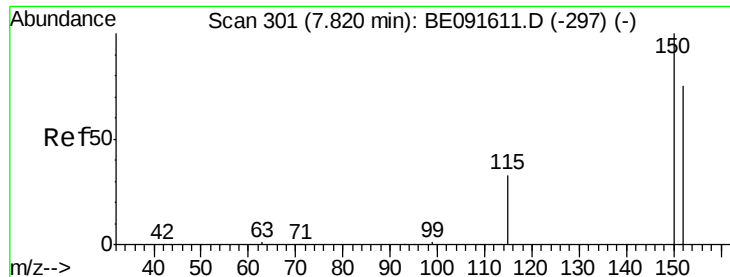
Quant Time: Apr 12 01:49:00 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	42300	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	206921	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	126014	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	304427	5.00	ng	0.00
26) Chrysene-d12	21.31	240	415843	5.00	ng	0.00
35) Perylene-d12	23.76	264	363164	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	61694	6.11	ng	0.00
5) Phenol-d6	6.97	99	96304	7.16	ng	0.00
8) Nitrobenzene-d5	8.96	82	44501	3.70	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	34208	7.43	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	130086	3.71	ng	0.00
29) Terphenyl-d14	19.76	244	204443	3.94	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	13736	2.93	ng	# 89
3) n-Nitrosodimethylamine	3.65	42	18749	2.89	ng	95
6) bis(2-Chloroethyl)ether	7.23	93	42987	3.68	ng	# 76
9) Nitrobenzene	8.99	77	48085	3.24	ng	94
10) Naphthalene	10.63	128	151414	3.55	ng	98
11) Hexachlorobutadiene	10.92	225	25158	4.01	ng	99
12) 2-Methylnaphthalene	12.24	142	109102	4.01	ng	98
16) Acenaphthylene	14.14	152	190016	3.89	ng	# 86
17) Acenaphthene	14.47	154	111947	3.62	ng	89
18) Fluorene	15.46	166	149053	3.86	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	42091	3.92	ng	95
21) Hexachlorobenzene	16.46	284	42700	3.83	ng	99
22) Pentachlorophenol	16.79	266	29606	5.17	ng	# 88
23) Phenanthrene	17.19	178	260744	3.75	ng	99
24) Anthracene	17.29	178	252251	4.10	ng	98
25) Fluoranthene	19.20	202	303530	4.13	ng	97
27) Benzidine	19.76	184	3373	0.41	ng	95
28) Pyrene	19.55	202	328215	3.95	ng	99
30) Benzo(a)anthracene	21.29	228	687862	7.39	ng	100
31) 3,3'-Dichlorobenzidine	21.22	252	72553	1.20	ng	# 74
32) Chrysene	21.29	228	691832	8.19	ng	96
33) Bis(2-ethylhexyl)phthalate	21.22	149	153524	2.48	ng	# 81
34) Indeno(1,2,3-cd)pyrene	26.32	276	370405	3.93	ng	96
36) Benzo(b)fluoranthene	23.00	252	324179	3.84	ng	98
37) Benzo(k)fluoranthene	23.06	252	339276	4.08	ng	97
38) Benzo(a)pyrene	23.65	252	320655	4.09	ng	98
39) Dibenzo(a,h)anthracene	26.34	278	306902	3.98	ng	96
40) Benzo(g,h,i)perylene	27.10	276	314589	3.96	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

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TILCONMHDGA005MS

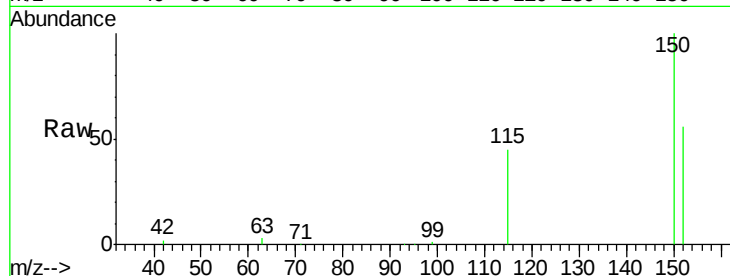
Tgt Ion:152 Resp: 42300

Ion Ratio Lower Upper

152 100

150 179.7 122.6 183.8

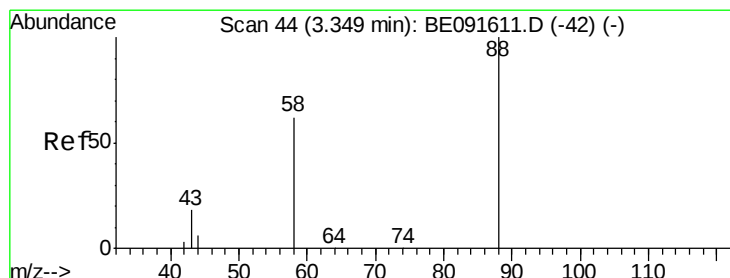
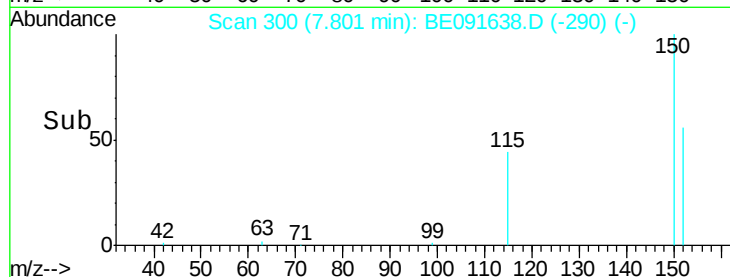
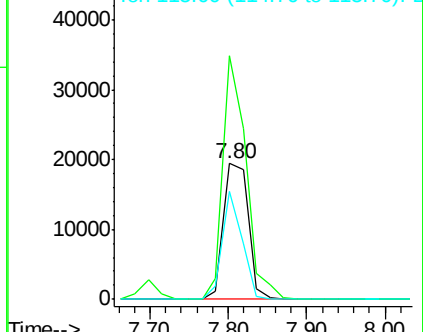
115 80.1 52.8 79.2#



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: 2.93 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

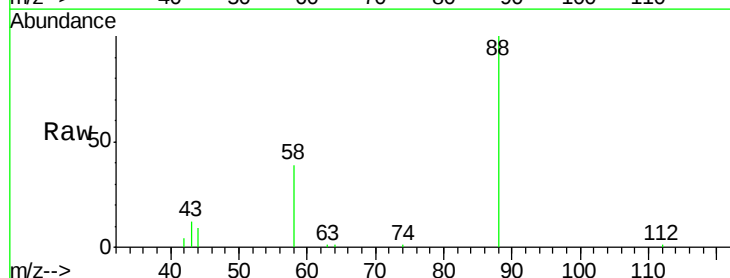
Tgt Ion: 88 Resp: 13736

Ion Ratio Lower Upper

88 100

58 91.0 65.8 98.6

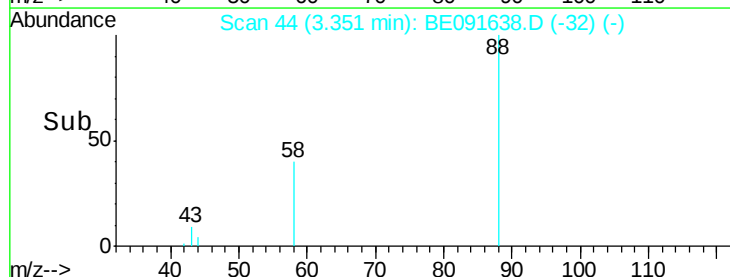
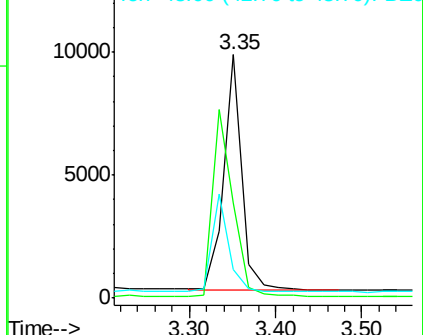
43 39.7 25.3 37.9#

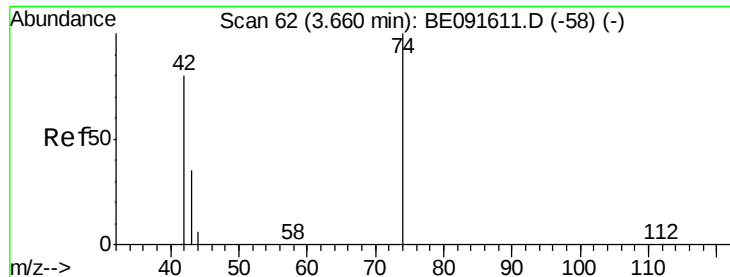


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 2.89 ng

RT: 3.65 min Scan# 61

Delta R.T. -0.01 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MS

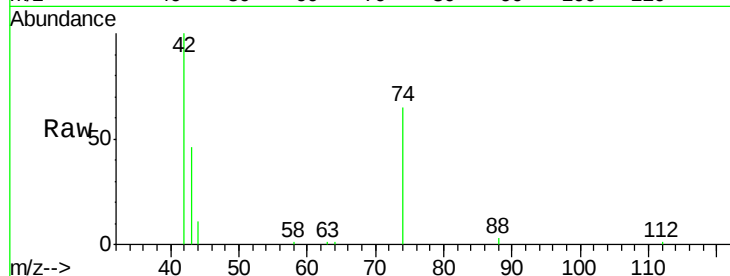
Tgt Ion: 42 Resp: 18749

Ion Ratio Lower Upper

42 100

74 104.9 87.9 131.9

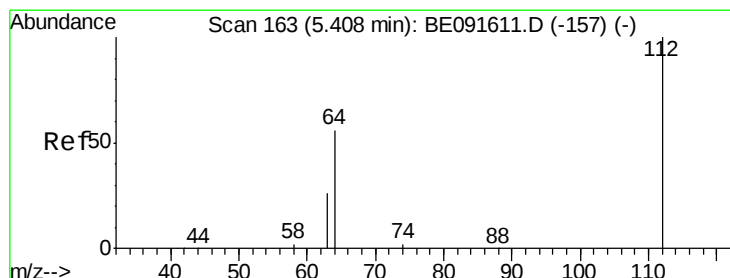
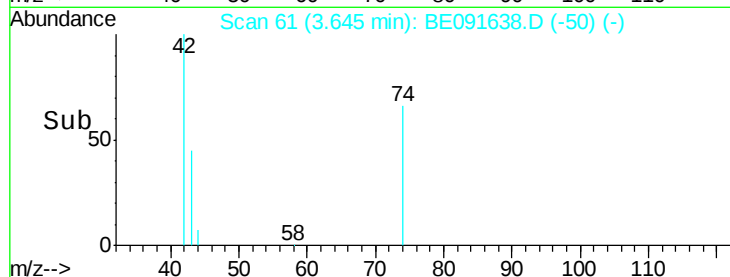
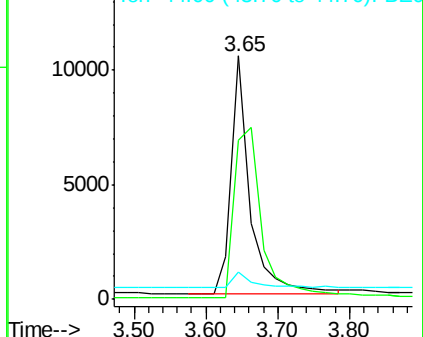
44 7.3 6.6 9.8



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: 6.11 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

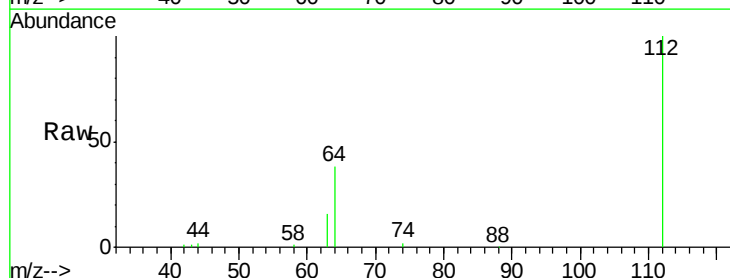
Tgt Ion: 112 Resp: 61694

Ion Ratio Lower Upper

112 100

64 69.0 30.9 46.3#

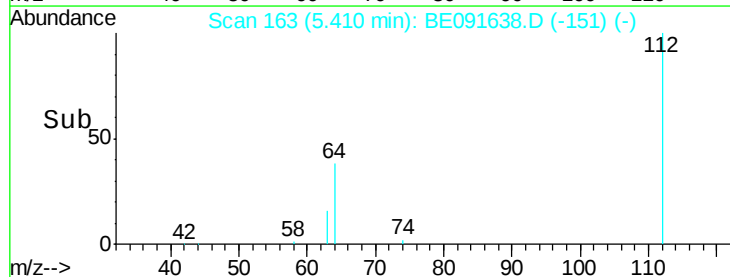
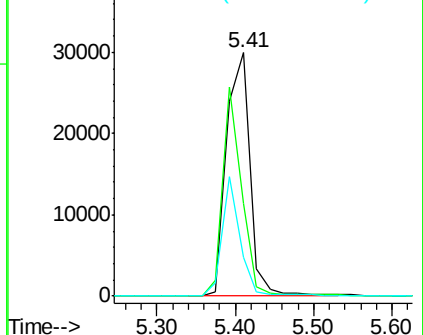
63 37.2 16.7 25.1#

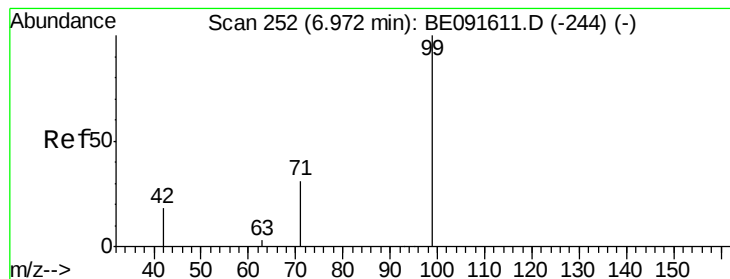


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.16 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MS

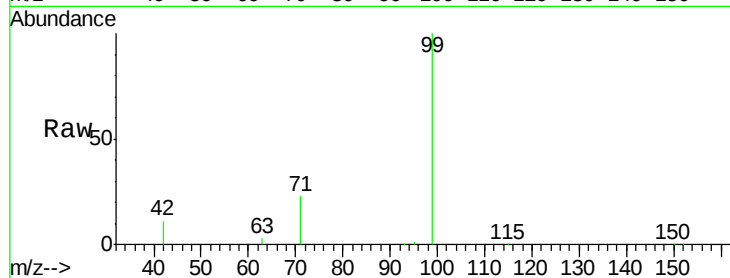
Tgt Ion: 99 Resp: 96304

Ion Ratio Lower Upper

99 100

42 26.0 16.2 24.2#

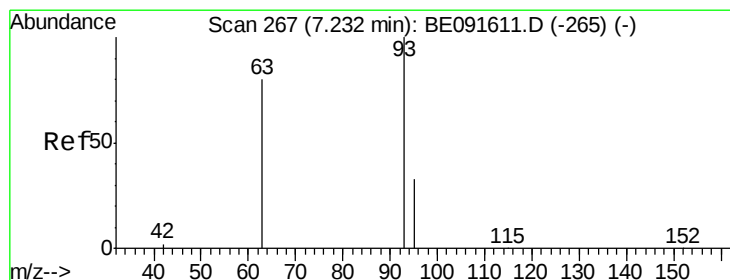
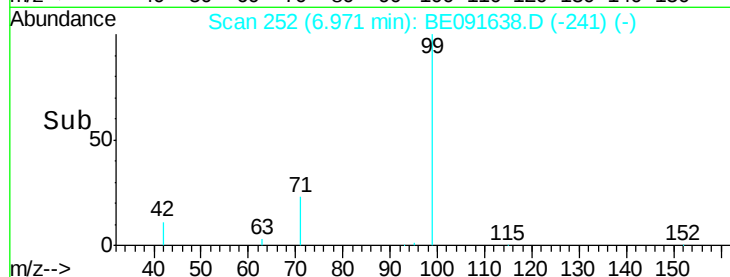
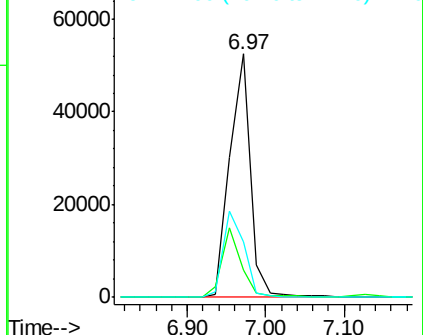
71 36.0 29.0 43.4



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: 3.68 ng

RT: 7.23 min Scan# 267

Delta R.T. -0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

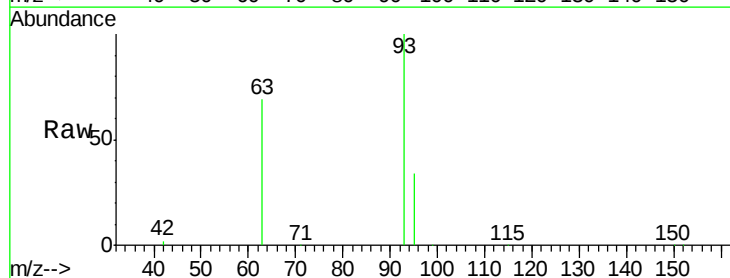
Tgt Ion: 93 Resp: 42987

Ion Ratio Lower Upper

93 100

63 85.4 49.5 74.3#

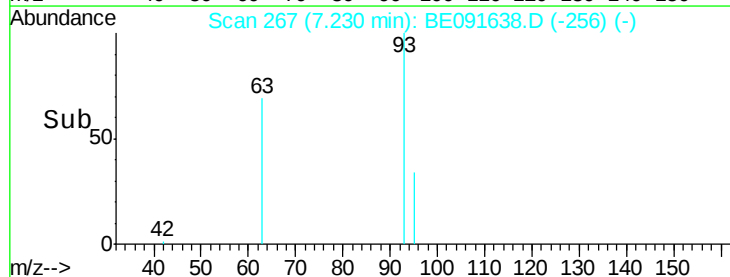
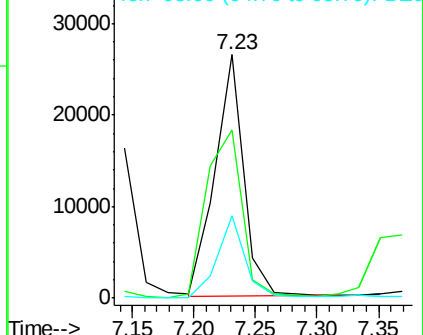
95 32.5 22.2 33.4

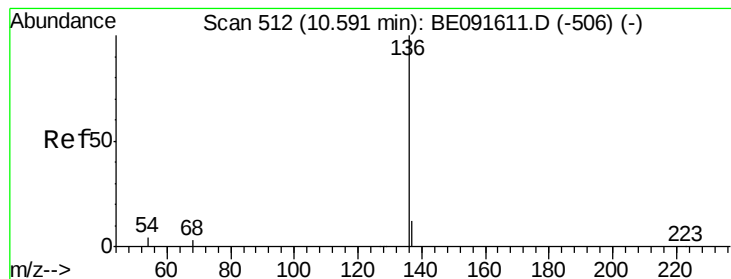


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. -0.02 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

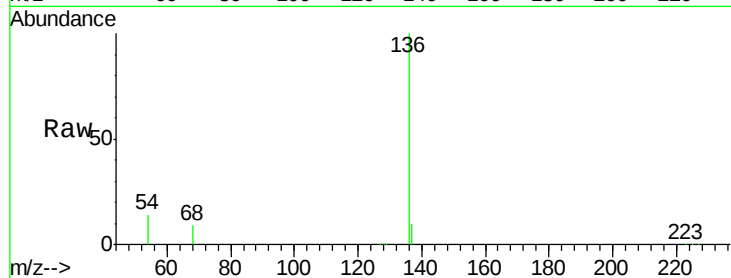
Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MS

Tgt Ion:	136	Resp:	206921
Ion Ratio	Lower	Upper	
136	100		
137	9.9	8.9	13.3
54	14.1	8.2	12.4#
68	9.3	6.2	9.4

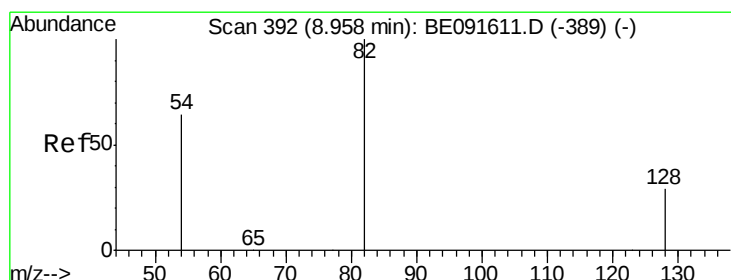
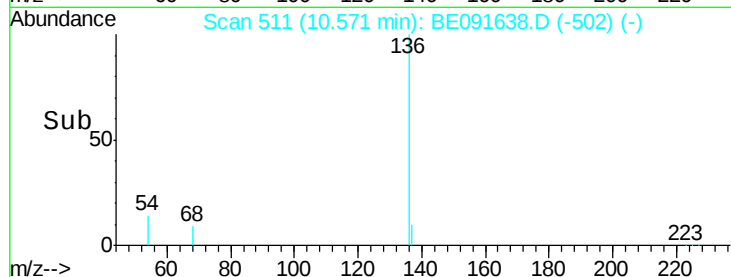
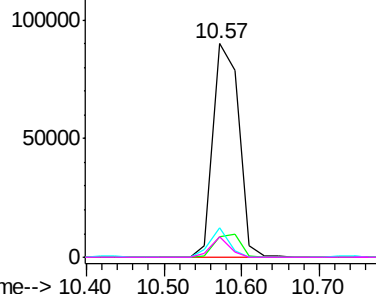


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.70 ng

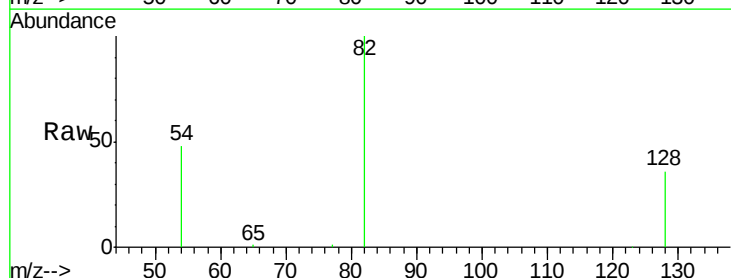
RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

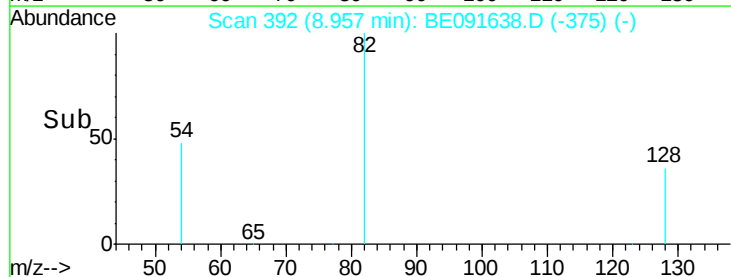
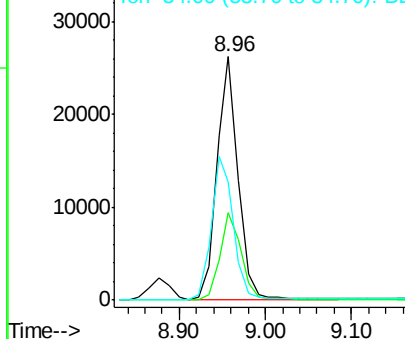
Tgt Ion:	82	Resp:	44501
Ion Ratio	Lower	Upper	
82	100		
128	36.1	25.4	38.0
54	48.3	48.4	72.6#

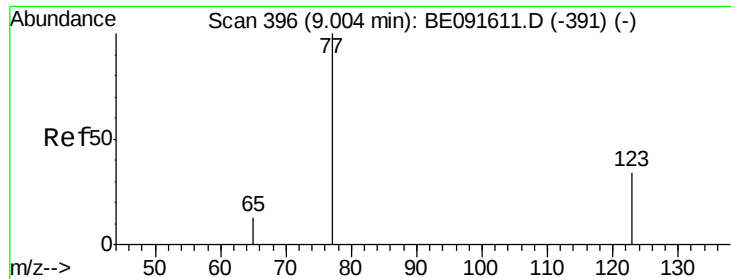


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

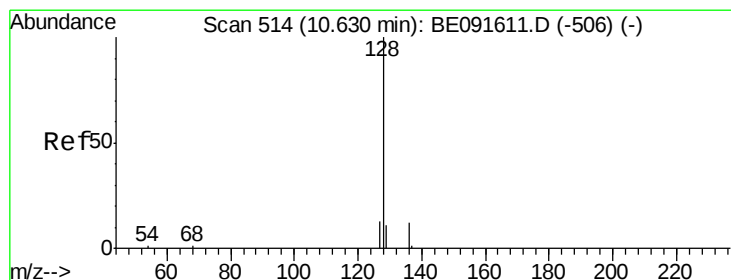
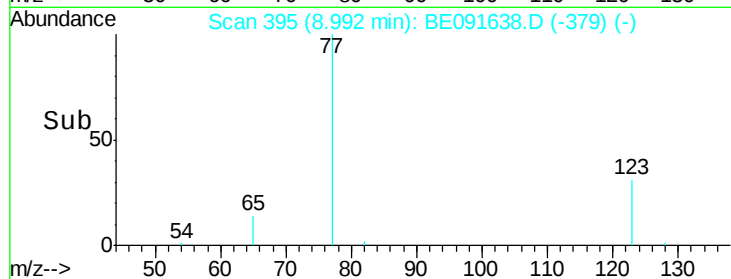
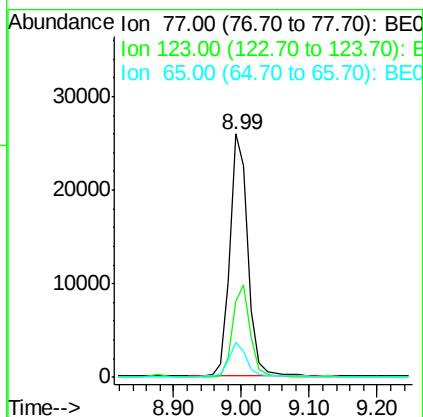
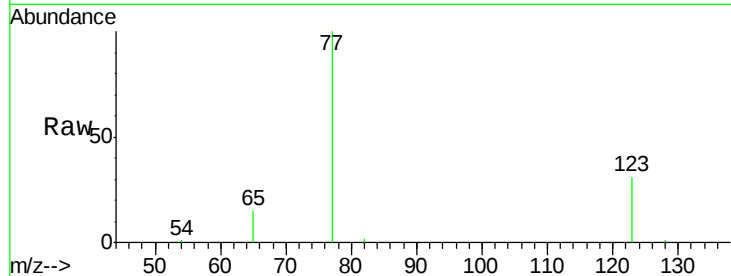




#9
 Nitrobenzene
 Concen: 3.24 ng
 RT: 8.99 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BE091638.D
 Acq: 11 Apr 2016 21:10

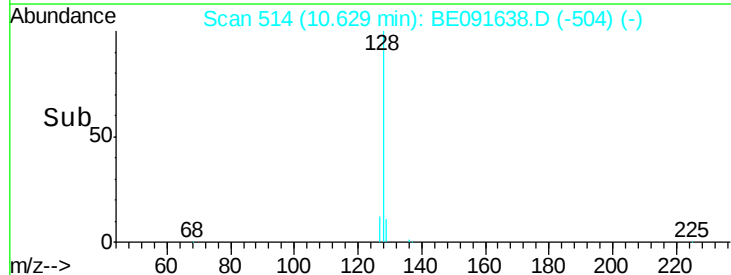
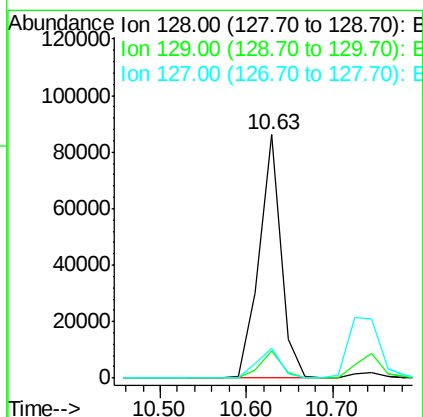
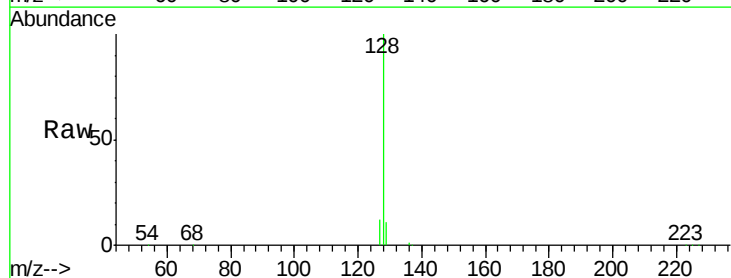
Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MS

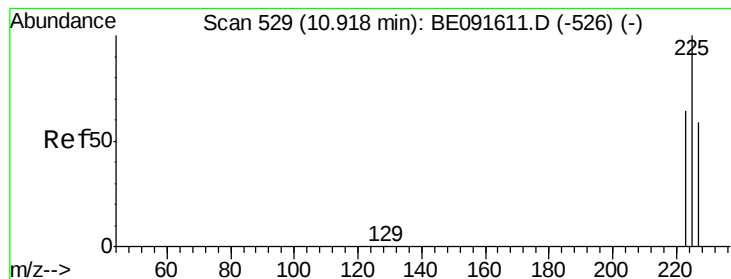
Tgt Ion: 77 Resp: 48085
 Ion Ratio Lower Upper
 77 100
 123 37.2 26.9 40.3
 65 14.0 9.4 14.2



#10
 Naphthalene
 Concen: 3.55 ng
 RT: 10.63 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BE091638.D
 Acq: 11 Apr 2016 21:10

Tgt Ion: 128 Resp: 151414
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.3 13.9
 127 12.1 10.7 16.1





#11

Hexachlorobutadiene

Concen: 4.01 ng

RT: 10.92 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MS

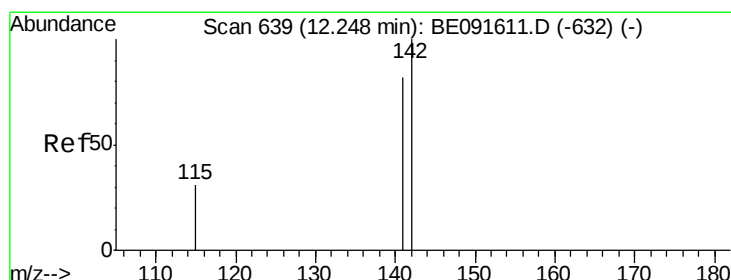
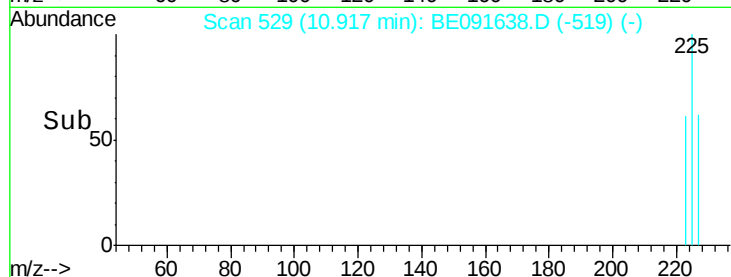
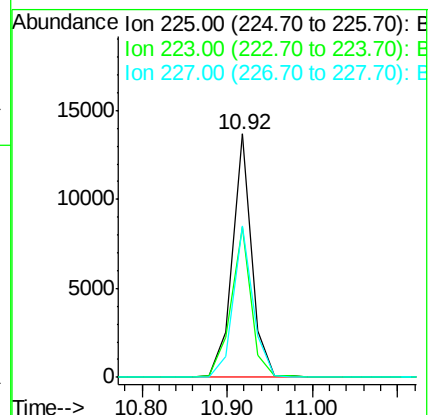
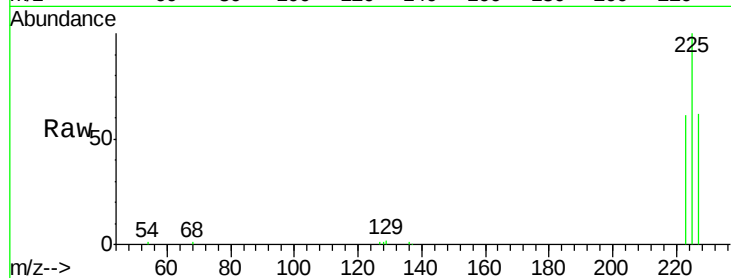
Tgt Ion:225 Resp: 25158

Ion Ratio Lower Upper

225 100

223 62.9 49.0 73.6

227 63.4 50.3 75.5



#12

2-Methylnaphthalene

Concen: 4.01 ng

RT: 12.24 min Scan# 638

Delta R.T. -0.01 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

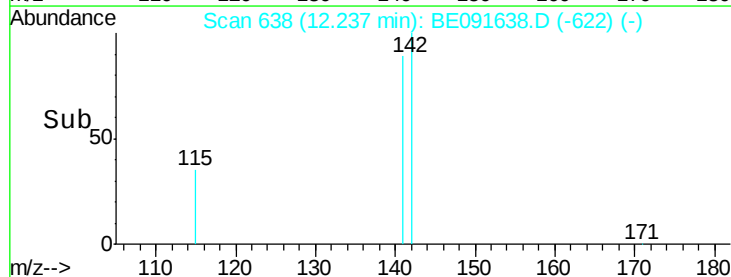
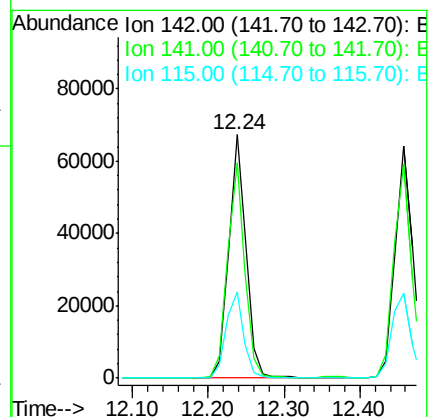
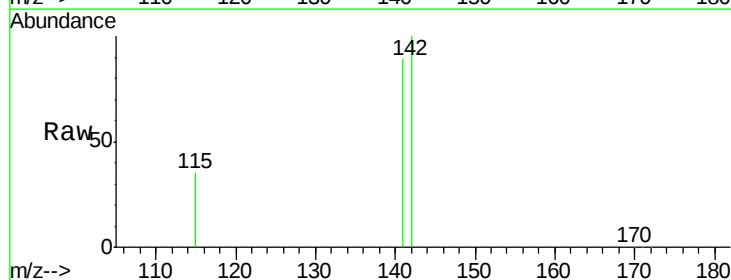
Tgt Ion:142 Resp: 109102

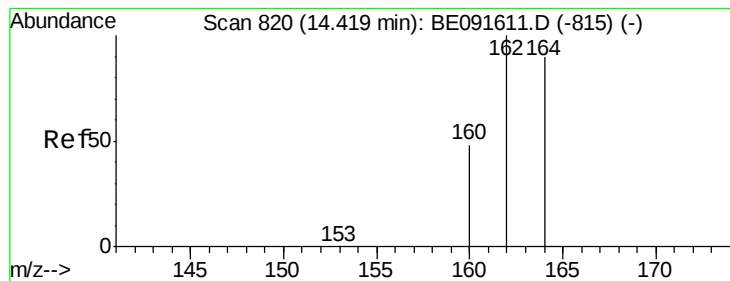
Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.0

115 35.2 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.00 min

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Acq: 11 Apr 2016 21:10

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MS

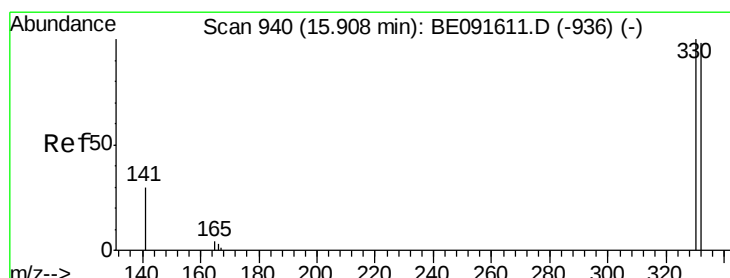
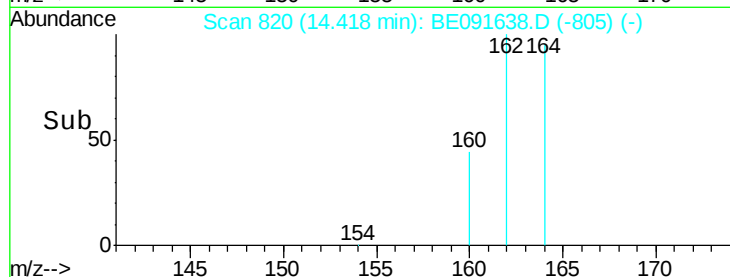
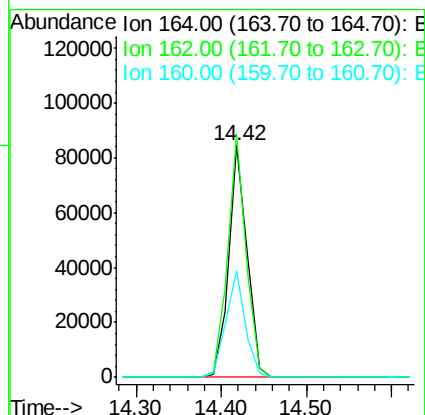
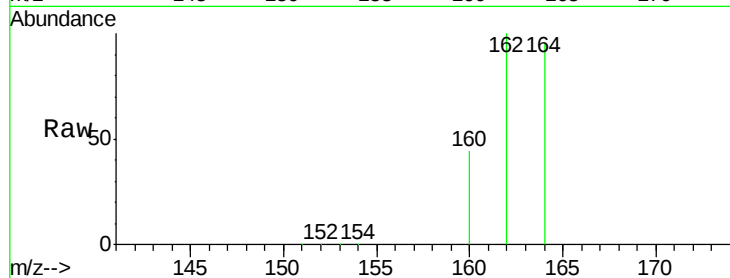
Tgt Ion:164 Resp: 126014

Ion Ratio Lower Upper

164 100

162 105.1 85.3 127.9

160 46.0 46.2 69.2#



#14

2,4,6-Tribromophenol

Concen: 7.43 ng

RT: 15.90 min Scan# 939

Delta R.T. -0.01 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

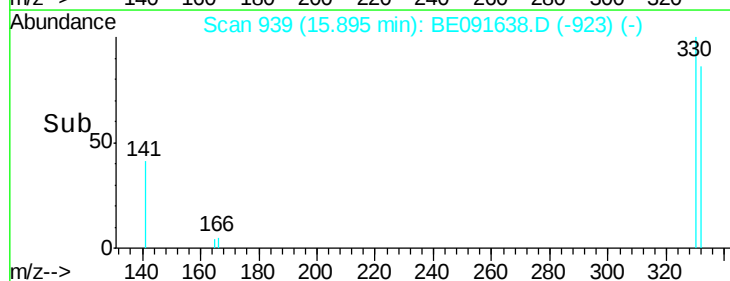
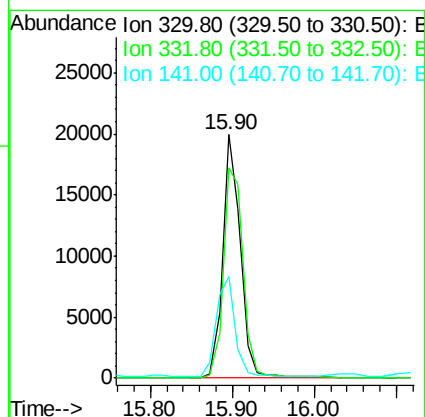
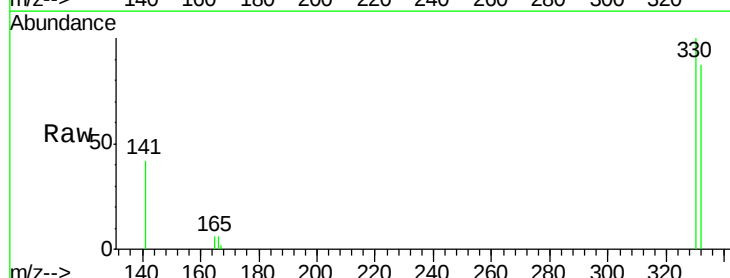
Tgt Ion:330 Resp: 34208

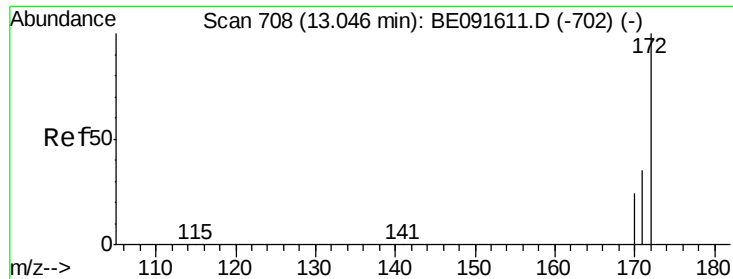
Ion Ratio Lower Upper

330 100

332 95.8 79.1 118.7

141 38.9 125.4 188.0#

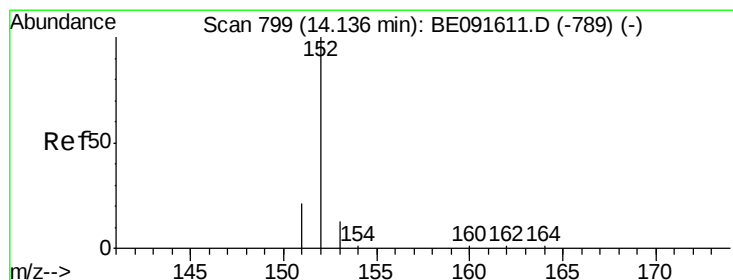
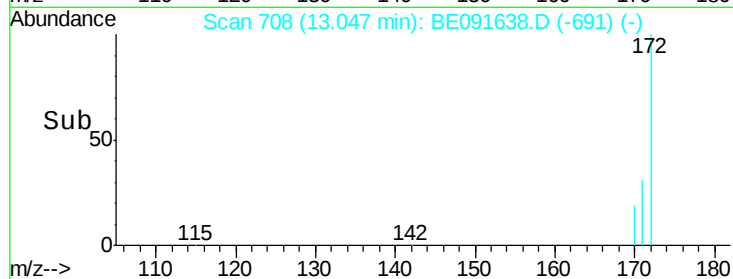
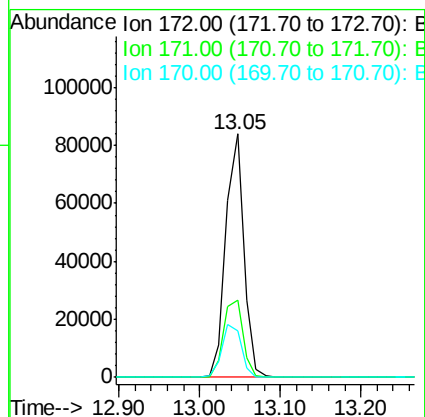
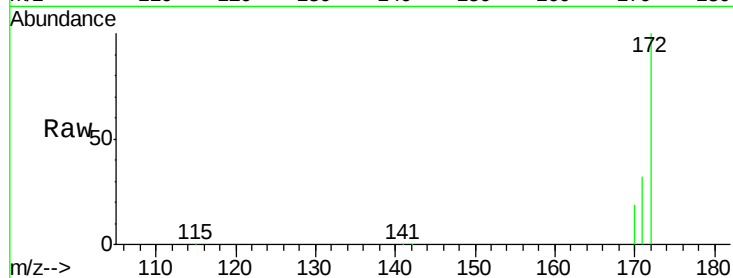




#15
2-Fluorobiphenyl
Concen: 3.71 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091638.D
Acq: 11 Apr 2016 21:10

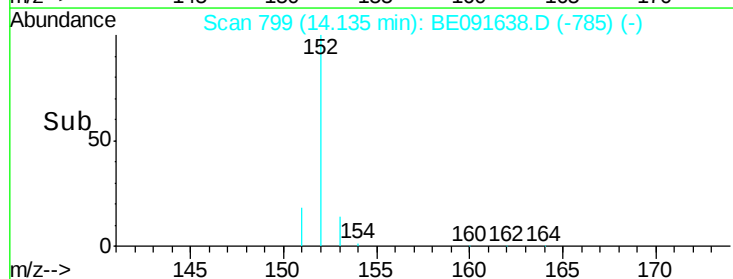
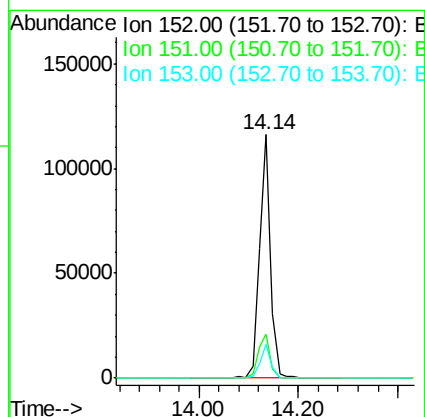
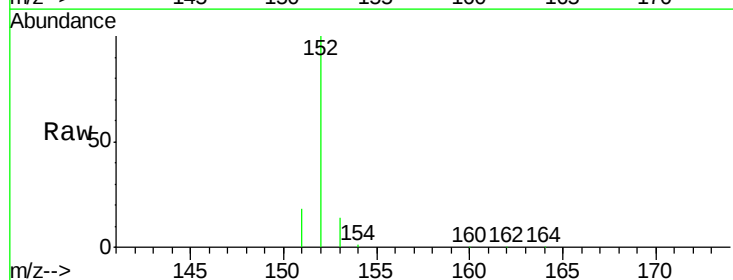
Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MS

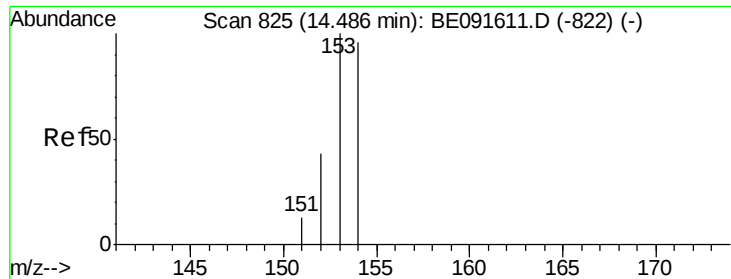
Tgt Ion:172 Resp: 130086
Ion Ratio Lower Upper
172 100
171 31.7 28.8 43.2
170 19.3 19.3 28.9



#16
Acenaphthylene
Concen: 3.89 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091638.D
Acq: 11 Apr 2016 21:10

Tgt Ion:152 Resp: 190016
Ion Ratio Lower Upper
152 100
151 20.0 3.9 5.9#
153 13.6 10.3 15.5

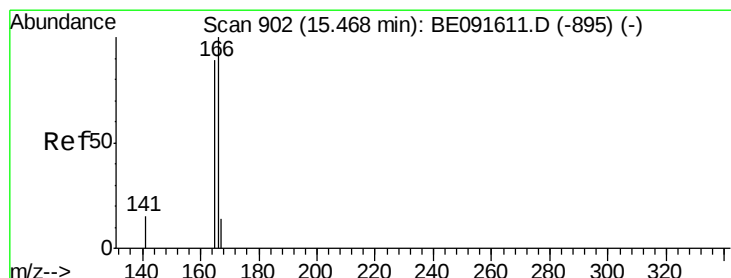
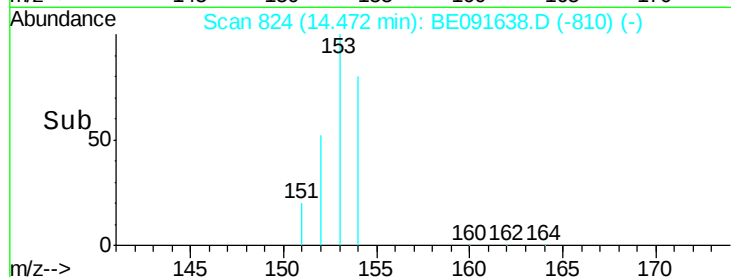
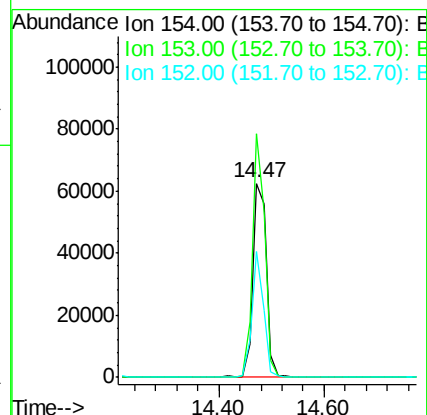
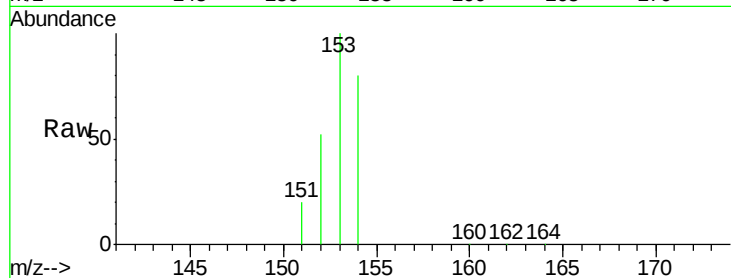




#17
Acenaphthene
Concen: 3.62 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE091638.D
Acq: 11 Apr 2016 21:10

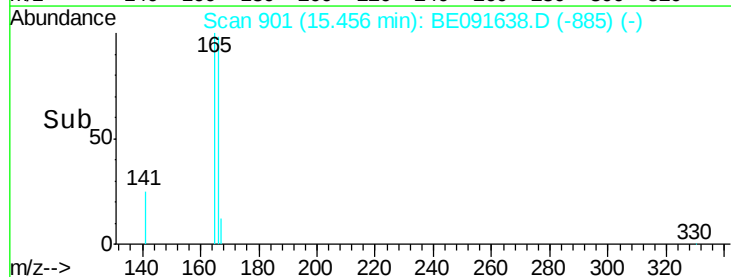
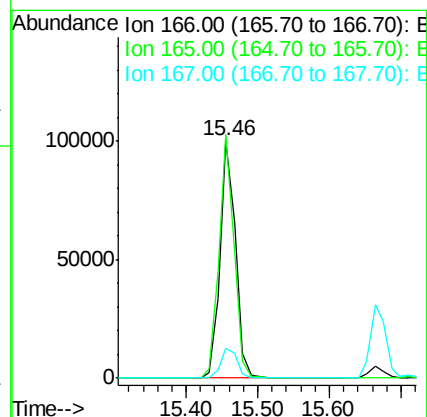
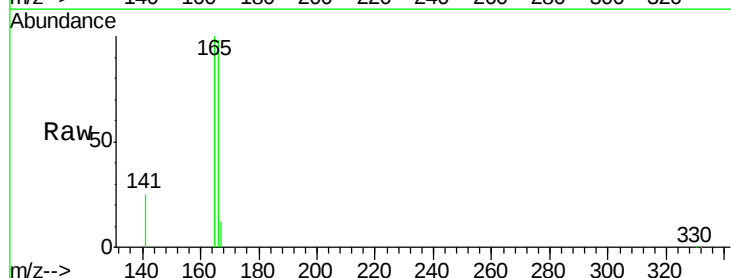
Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MS

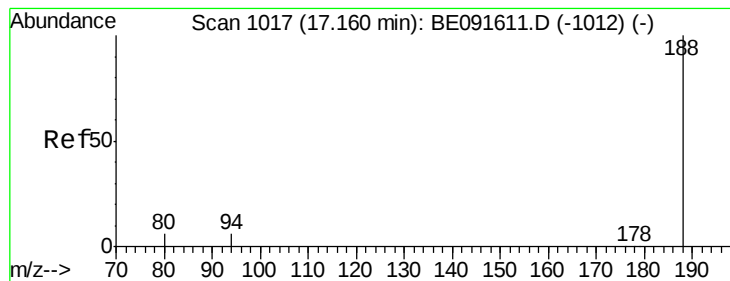
Tgt Ion:154 Resp: 111947
Ion Ratio Lower Upper
154 100
153 112.7 80.0 120.0
152 55.3 40.0 60.0



#18
Fluorene
Concen: 3.86 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE091638.D
Acq: 11 Apr 2016 21:10

Tgt Ion:166 Resp: 149053
Ion Ratio Lower Upper
166 100
165 99.4 80.8 121.2
167 13.6 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.16 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MS

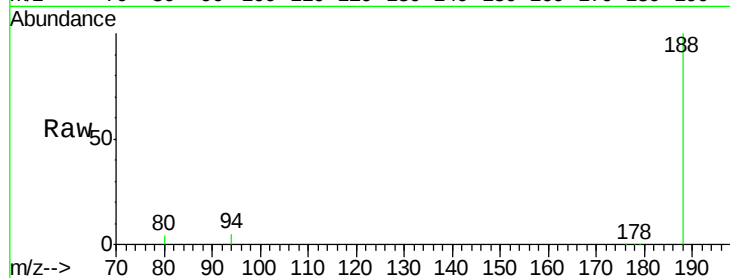
Tgt Ion:188 Resp: 304427

Ion Ratio Lower Upper

188 100

94 4.6 8.7 13.1#

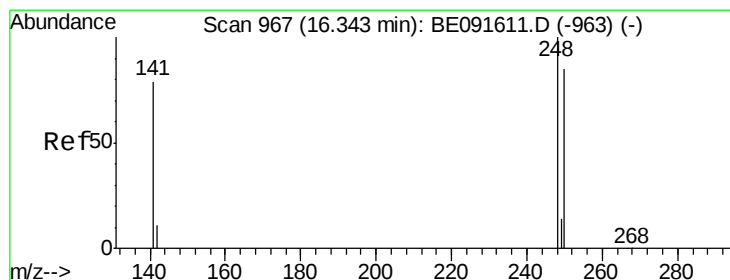
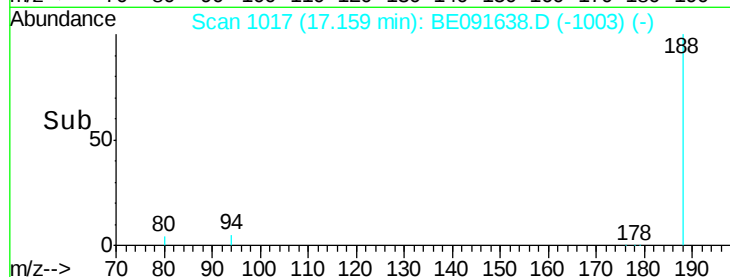
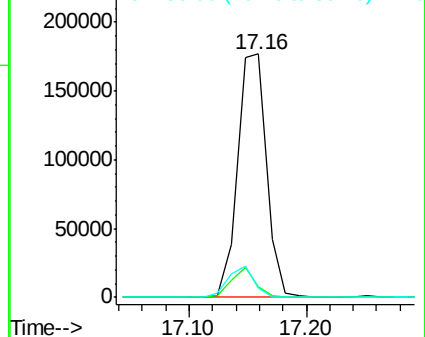
80 3.8 9.4 14.0#



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: 3.92 ng

RT: 16.34 min Scan# 967

Delta R.T. -0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

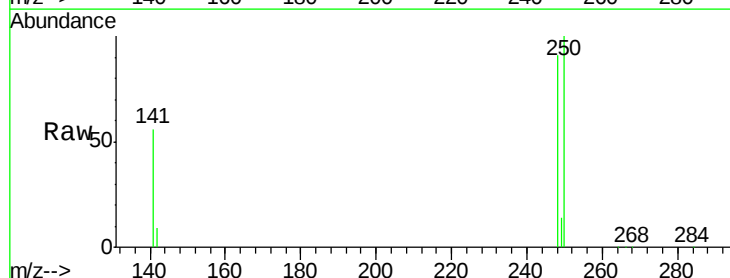
Tgt Ion:248 Resp: 42091

Ion Ratio Lower Upper

248 100

250 97.3 80.5 120.7

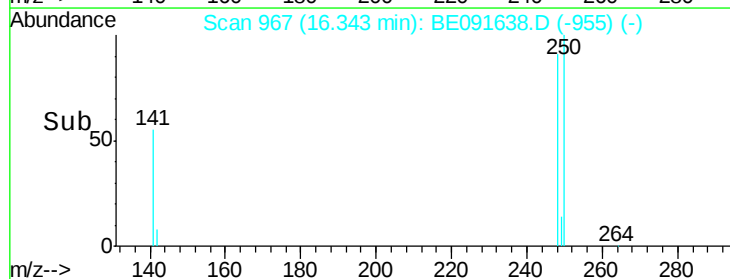
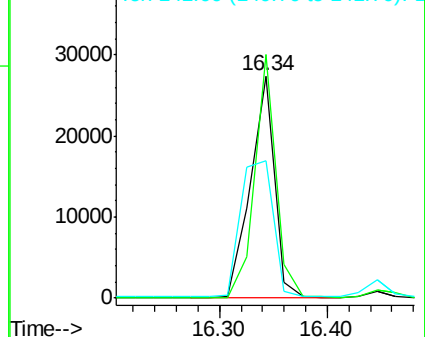
141 83.9 72.0 108.0

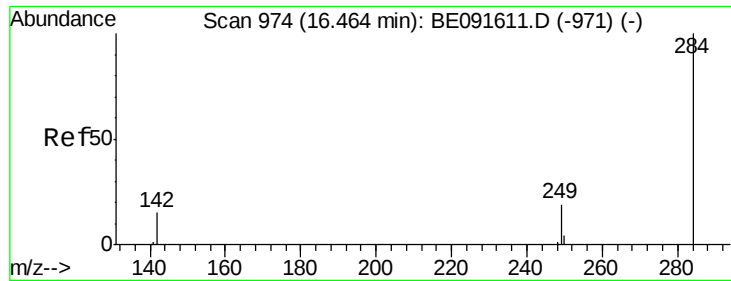


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.83 ng

RT: 16.46 min Scan# 974

Delta R.T. -0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MS

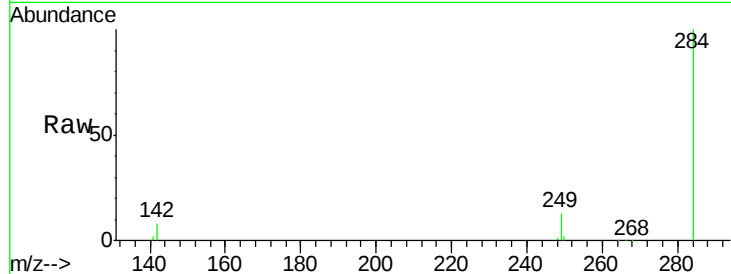
Tgt Ion:284 Resp: 42700

Ion Ratio Lower Upper

284 100

142 41.3 32.2 48.2

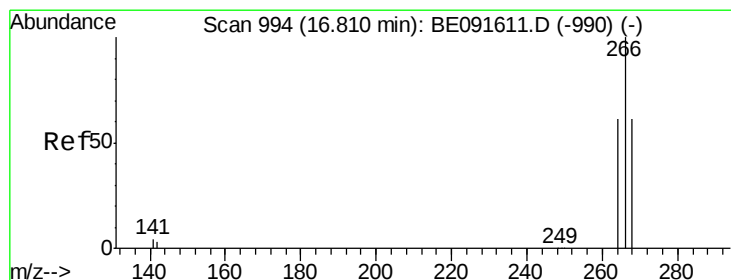
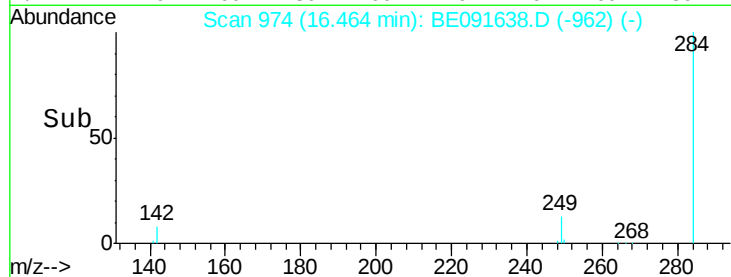
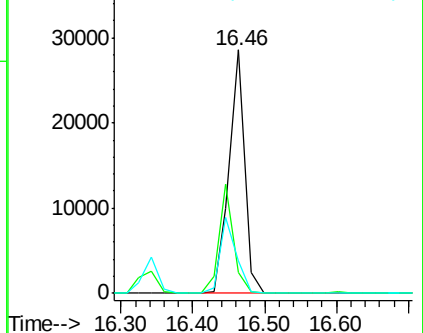
249 32.4 25.4 38.2



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: 5.17 ng

RT: 16.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

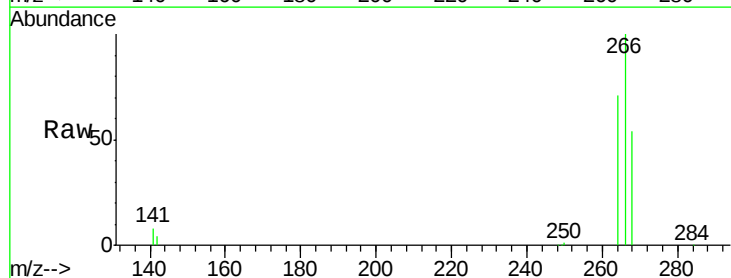
Tgt Ion:266 Resp: 29606

Ion Ratio Lower Upper

266 100

268 53.8 58.2 87.2#

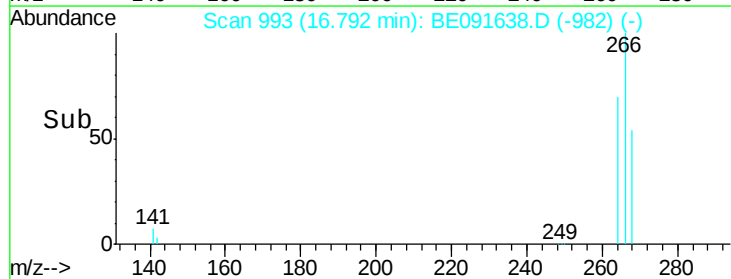
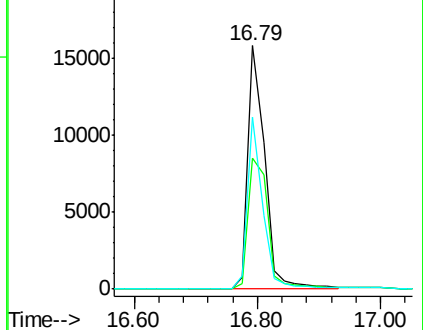
264 70.5 56.2 84.4

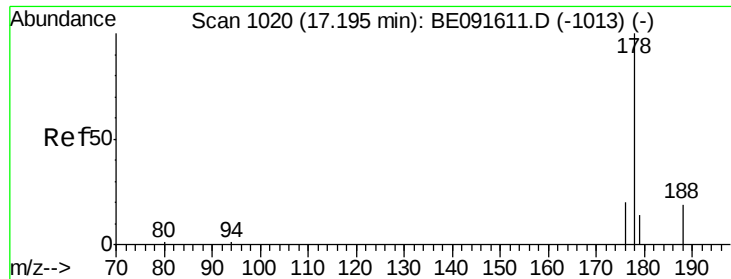


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

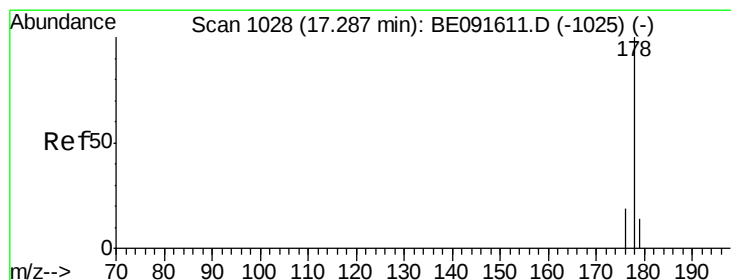
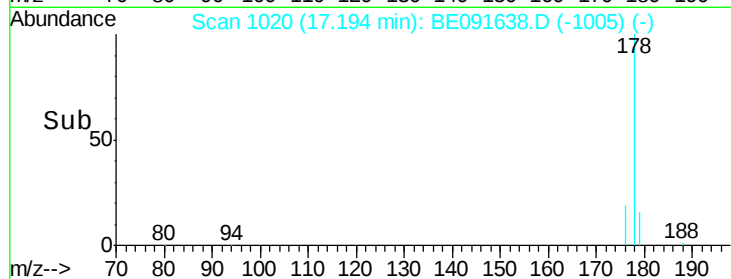
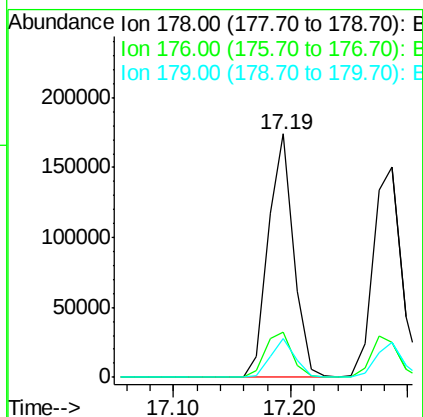
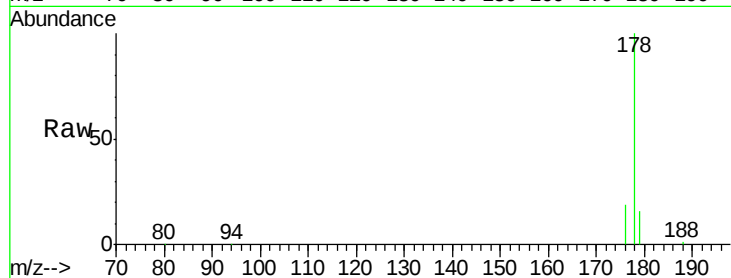




#23
Phenanthrene
Concen: 3.75 ng
RT: 17.19 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE091638.D
Acq: 11 Apr 2016 21:10

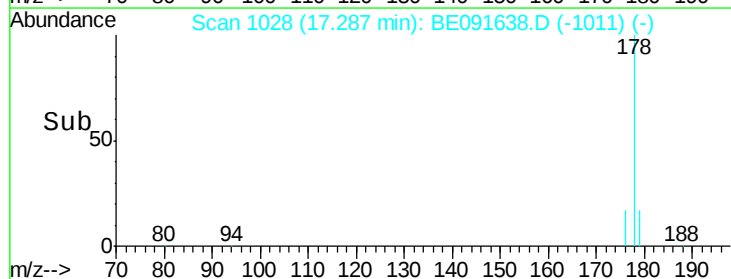
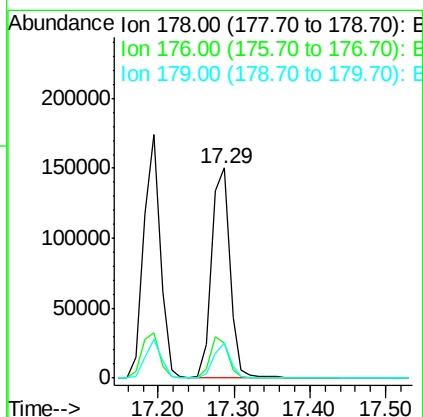
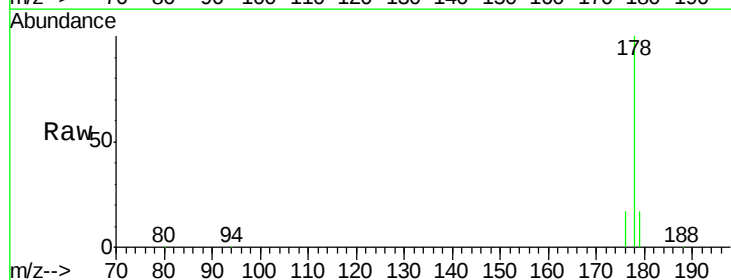
Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MS

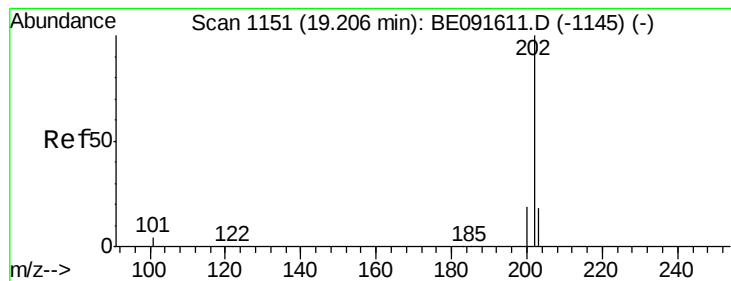
Tgt Ion:178 Resp: 260744
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 15.6 12.6 18.8



#24
Anthracene
Concen: 4.10 ng
RT: 17.29 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE091638.D
Acq: 11 Apr 2016 21:10

Tgt Ion:178 Resp: 252251
Ion Ratio Lower Upper
178 100
176 19.1 14.6 21.8
179 15.3 11.8 17.6





#25

Fluoranthene

Concen: 4.13 ng

RT: 19.20 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MS

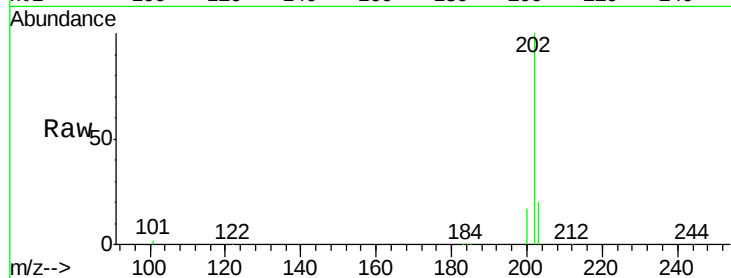
Tgt Ion:202 Resp: 303530

Ion Ratio Lower Upper

202 100

101 12.4 11.0 16.6

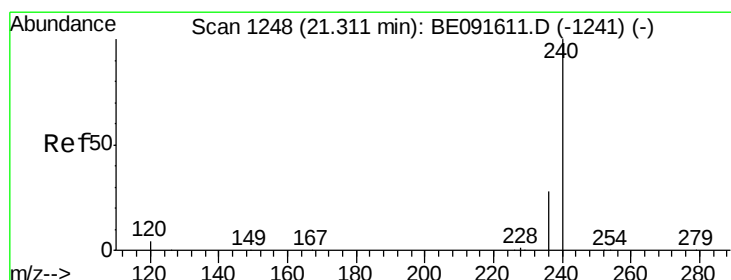
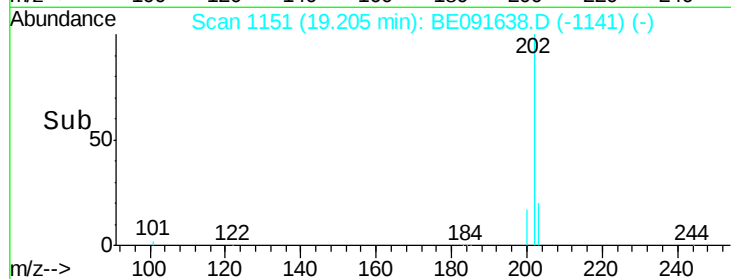
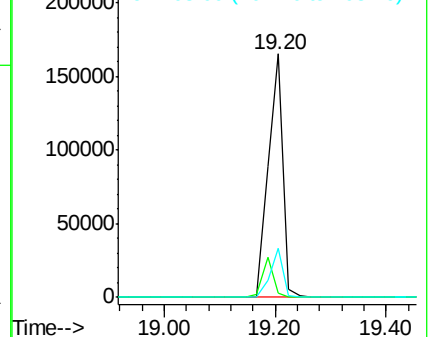
203 18.2 13.9 20.9



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# 1248

Delta R.T. 0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

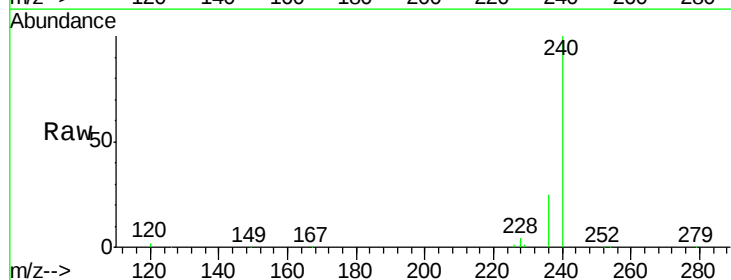
Tgt Ion:240 Resp: 415843

Ion Ratio Lower Upper

240 100

120 1.9 11.0 16.4#

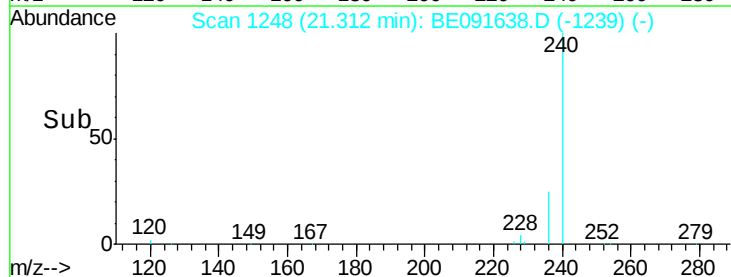
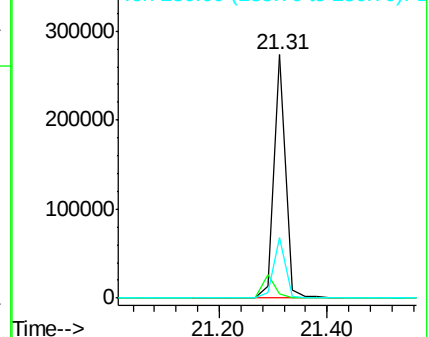
236 25.1 21.7 32.5

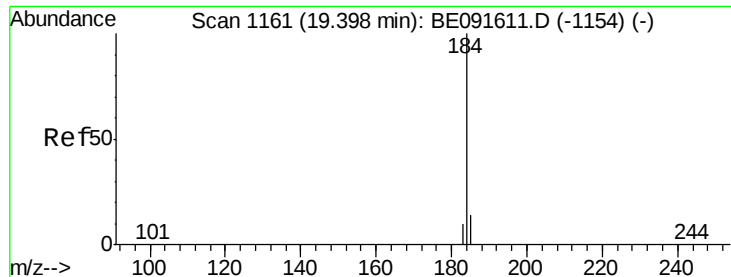


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.41 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.37 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MS

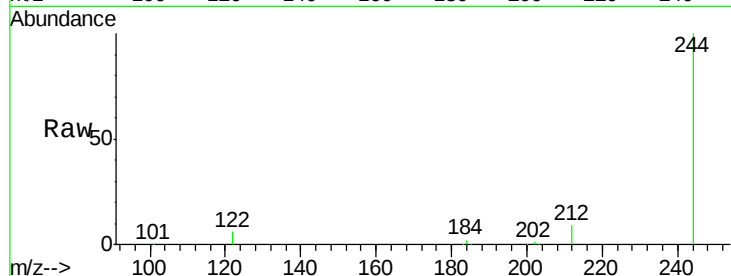
Tgt Ion:184 Resp: 3373

Ion Ratio Lower Upper

184 100

185 24.2 22.3 33.5

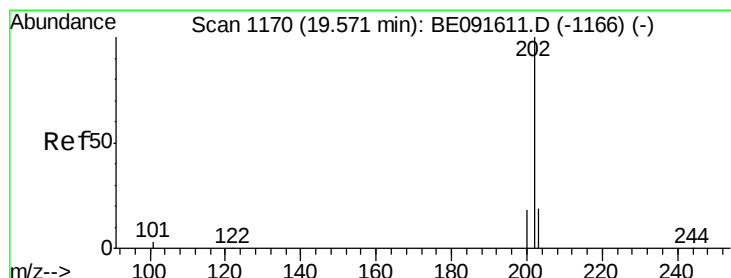
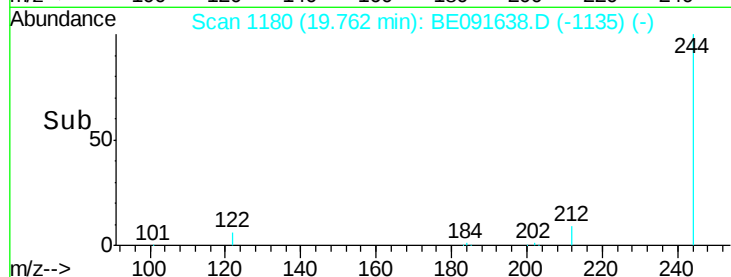
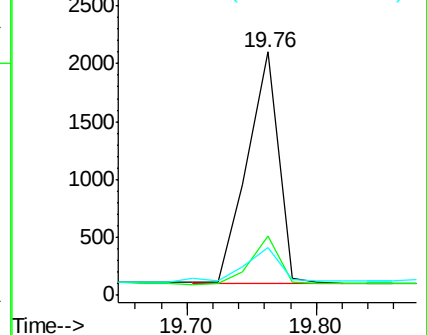
183 19.7 16.4 24.6



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: 3.95 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

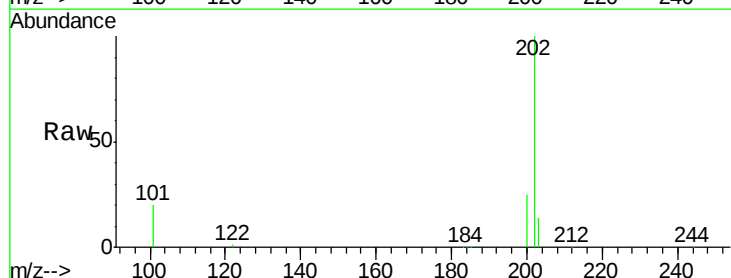
Tgt Ion:202 Resp: 328215

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

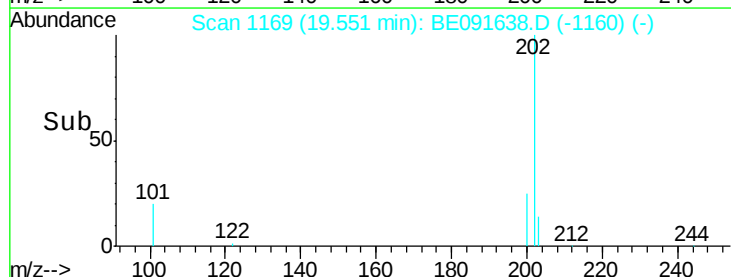
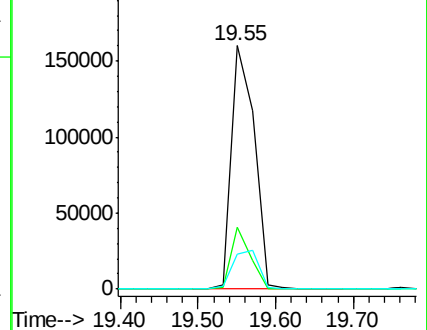
203 18.1 14.0 21.0

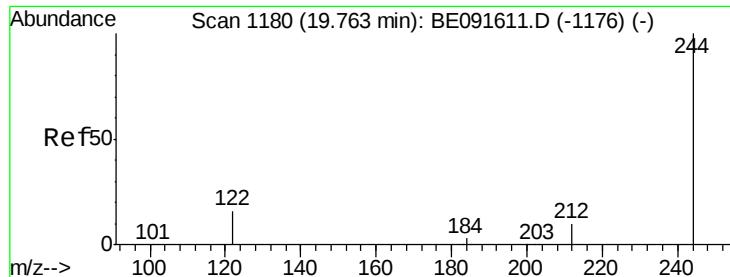


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.94 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MS

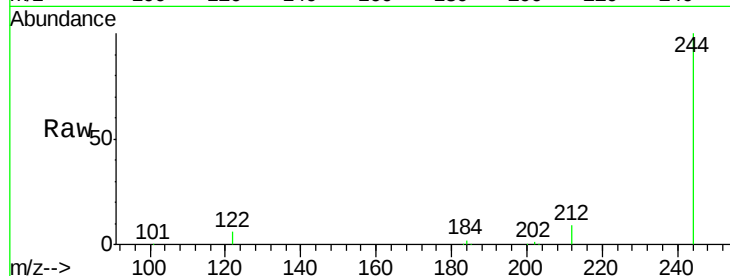
Tgt Ion:244 Resp: 204443

Ion Ratio Lower Upper

244 100

212 9.3 6.9 10.3

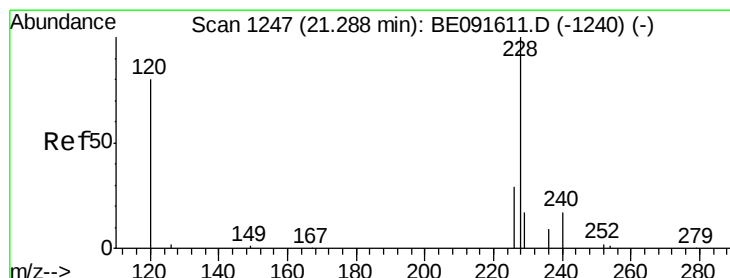
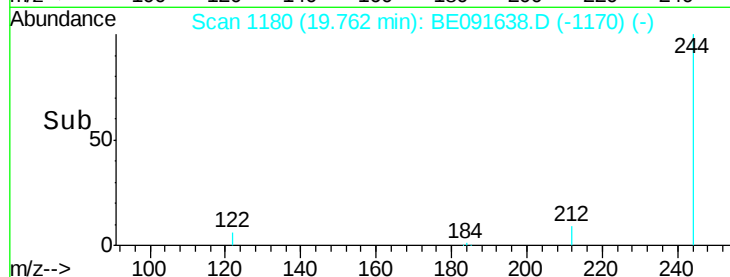
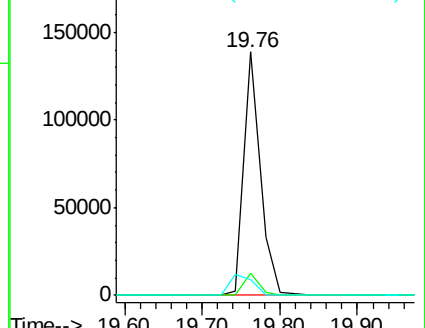
122 6.5 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 7.39 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

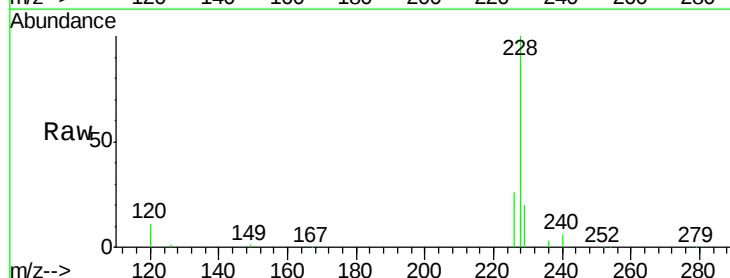
Tgt Ion:228 Resp: 687862

Ion Ratio Lower Upper

228 100

226 26.5 21.0 31.4

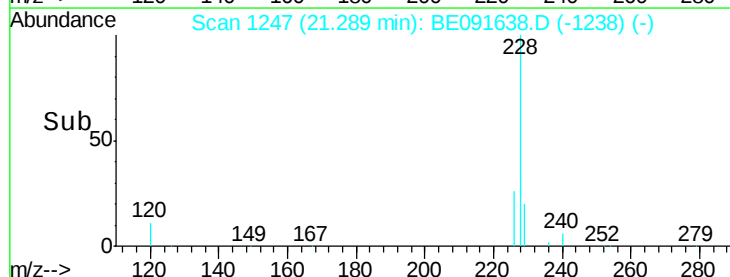
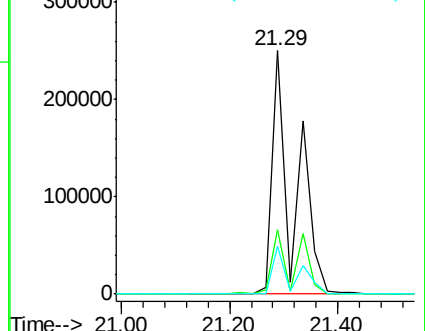
229 19.7 15.7 23.5

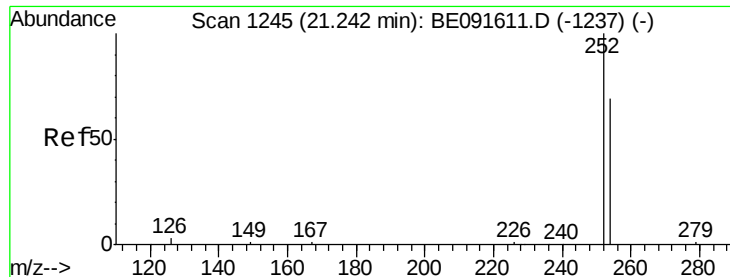


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

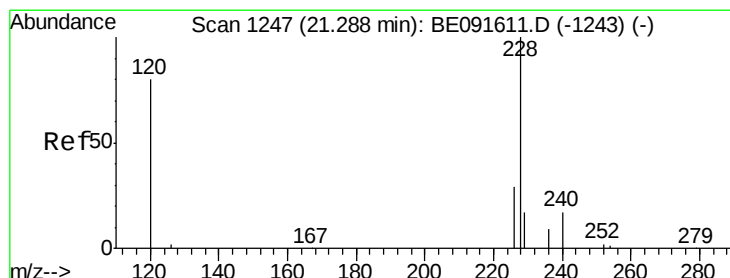
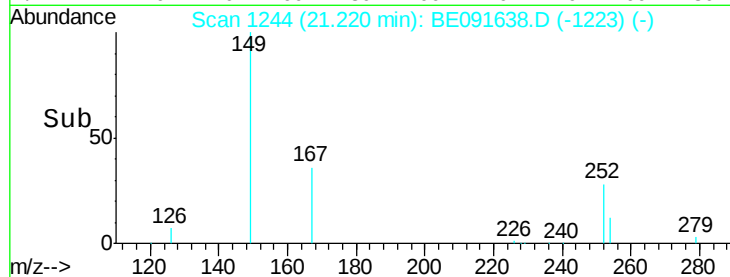
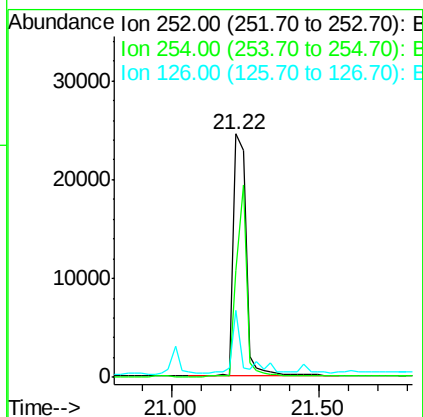
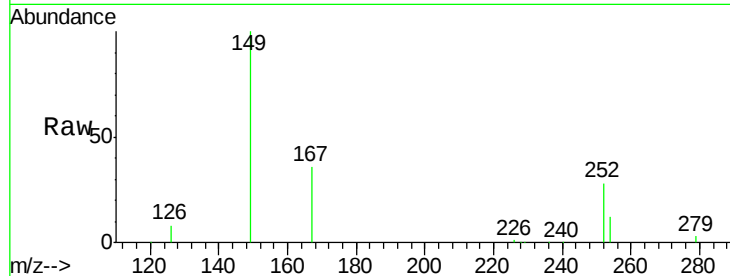




#31
 3,3'-Dichlorobenzidine
 Concen: 1.20 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091638.D
 Acq: 11 Apr 2016 21:10

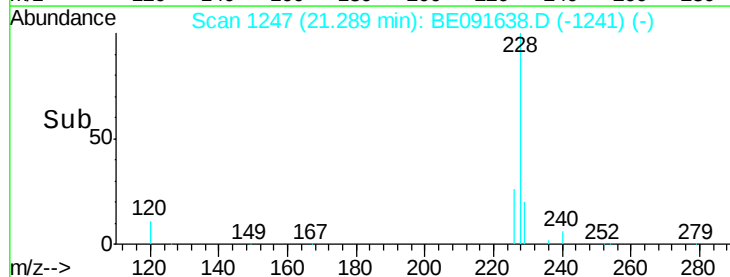
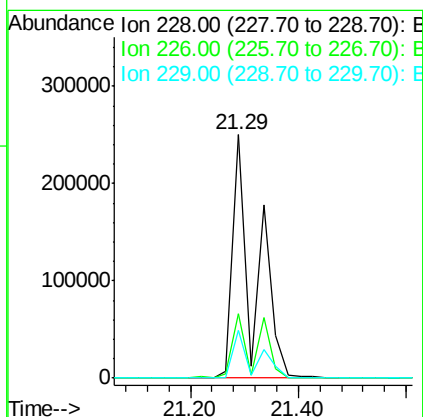
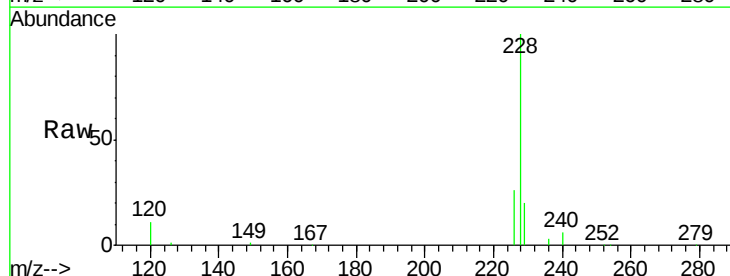
Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MS

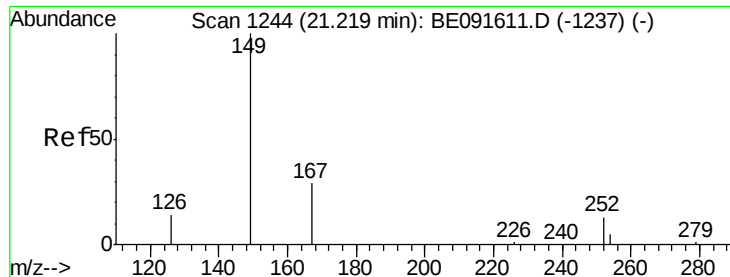
Tgt Ion: 252 Resp: 72553
 Ion Ratio Lower Upper
 252 100
 254 43.9 51.1 76.7#
 126 27.5 12.6 18.8#



#32
 Chrysene
 Concen: 8.19 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.07 min
 Lab File: BE091638.D
 Acq: 11 Apr 2016 21:10

Tgt Ion: 228 Resp: 691832
 Ion Ratio Lower Upper
 228 100
 226 26.5 24.0 36.0
 229 19.7 15.9 23.9

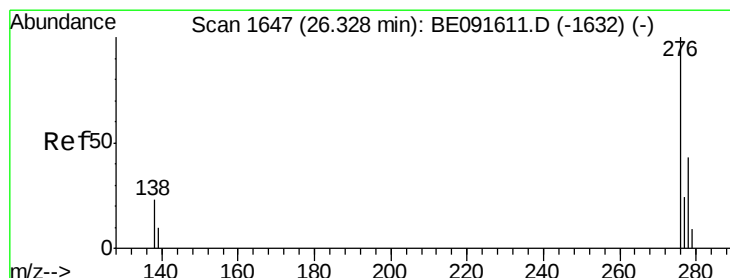
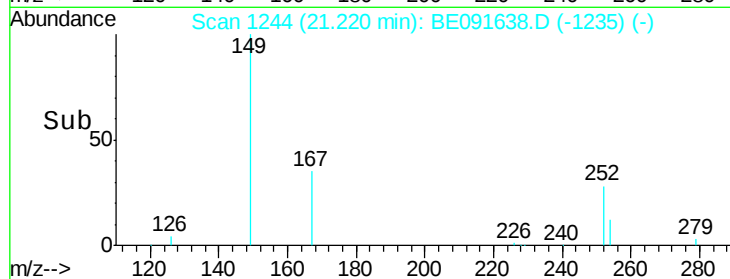
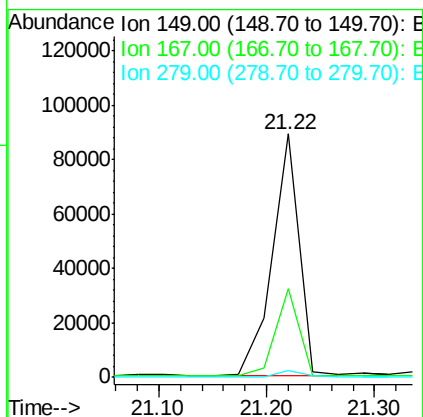
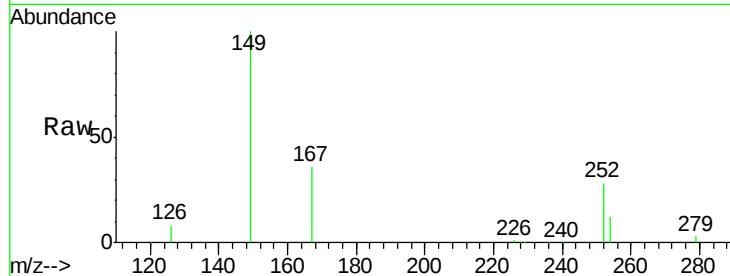




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 2.48 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091638.D
 Acq: 11 Apr 2016 21:10

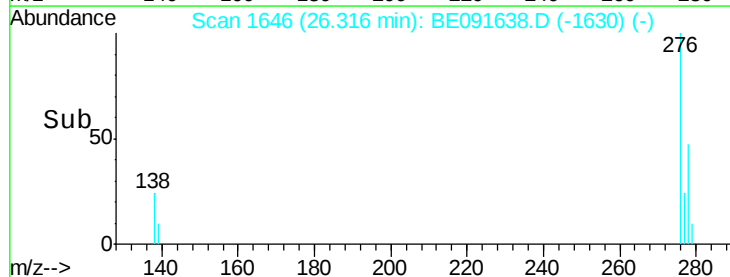
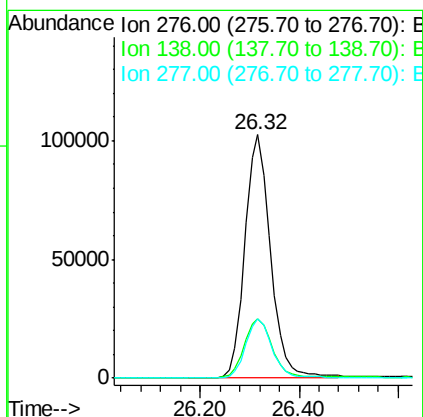
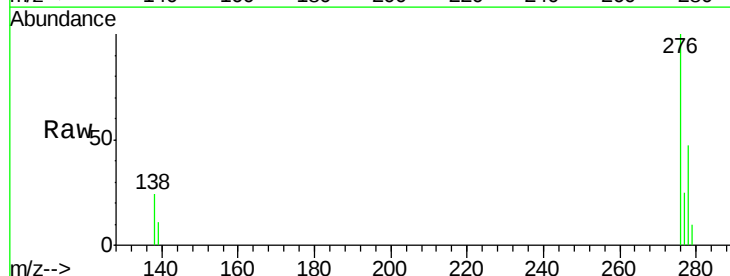
Instrument :
 BNA_E
 ClientSampleId :
 TILCONMHDGA005MS

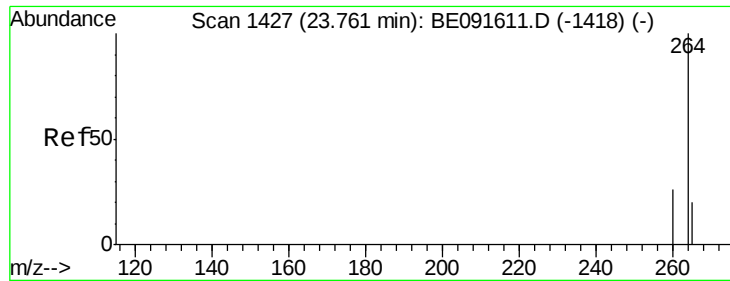
Tgt Ion:149 Resp: 153524
 Ion Ratio Lower Upper
 149 100
 167 32.7 19.5 29.3#
 279 2.9 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.93 ng
 RT: 26.32 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BE091638.D
 Acq: 11 Apr 2016 21:10

Tgt Ion:276 Resp: 370405
 Ion Ratio Lower Upper
 276 100
 138 25.8 23.4 35.2
 277 24.8 19.8 29.8

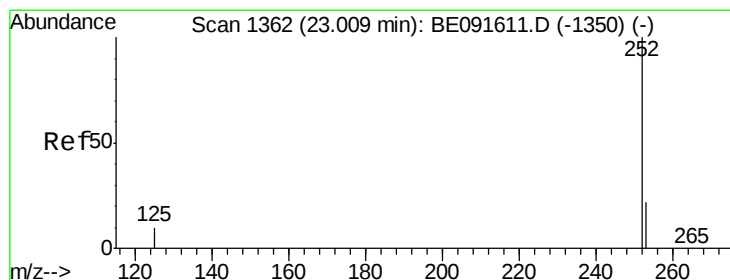
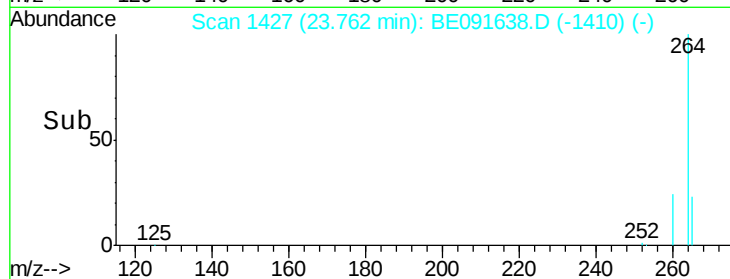
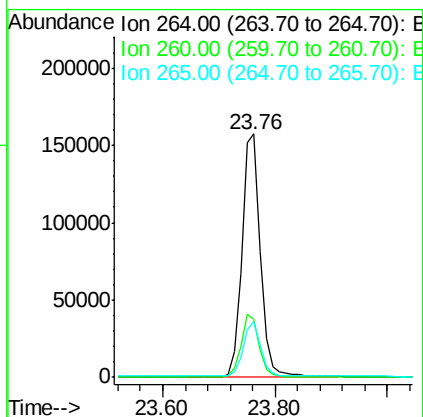
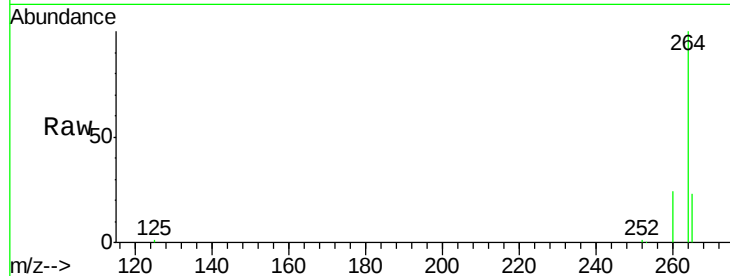




#35
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE091638.D
Acq: 11 Apr 2016 21:10

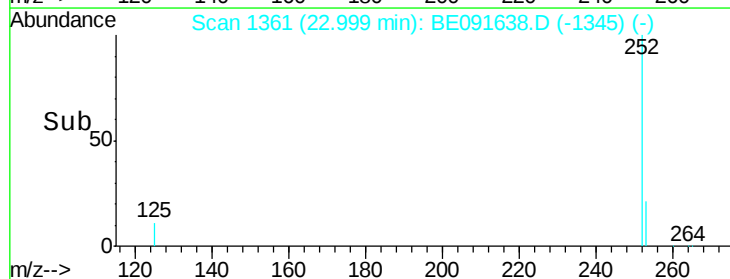
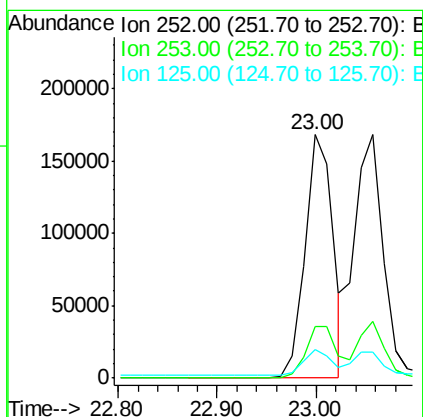
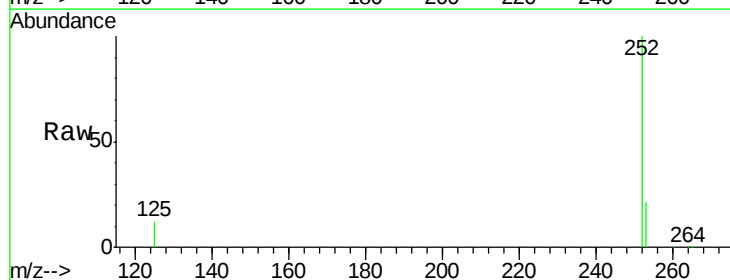
Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005MS

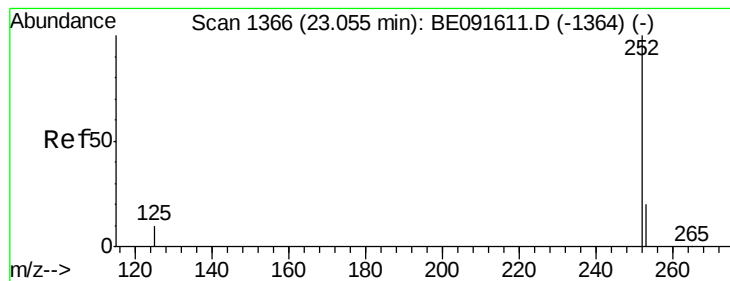
Tgt Ion: 264 Resp: 363164
Ion Ratio Lower Upper
264 100
260 24.1 20.0 30.0
265 23.0 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 3.84 ng
RT: 23.00 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BE091638.D
Acq: 11 Apr 2016 21:10

Tgt Ion: 252 Resp: 324179
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.0
125 11.9 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 4.08 ng

RT: 23.06 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MS

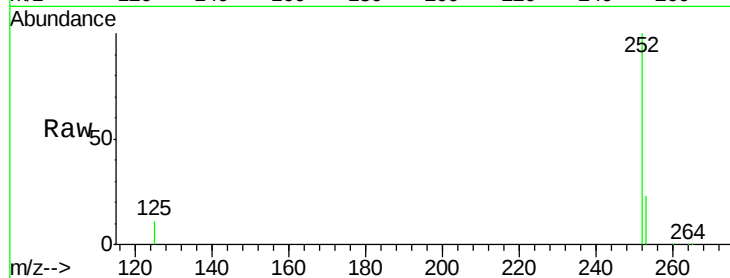
Tgt Ion:252 Resp: 339276

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

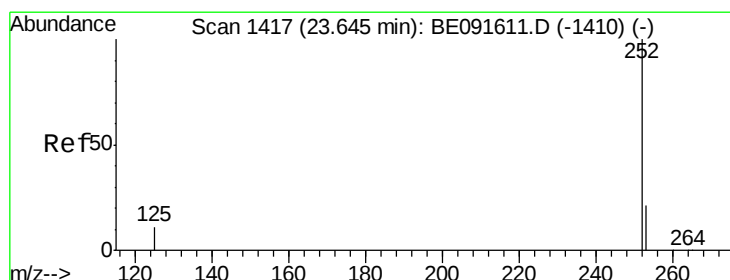
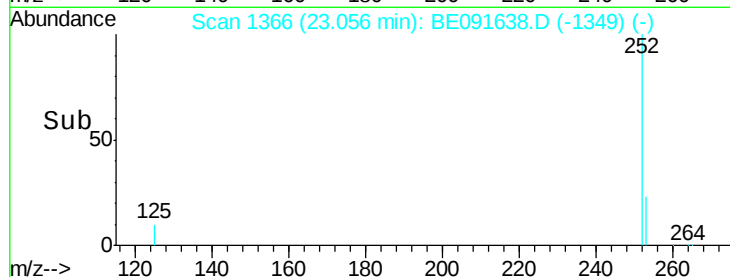
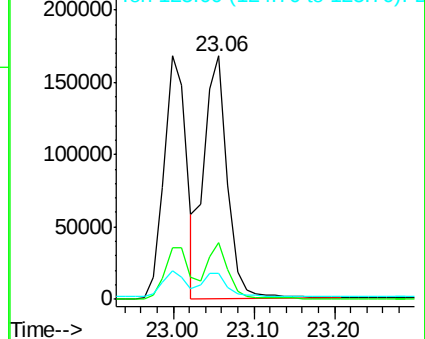
125 10.8 9.9 14.9



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: 4.09 ng

RT: 23.65 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

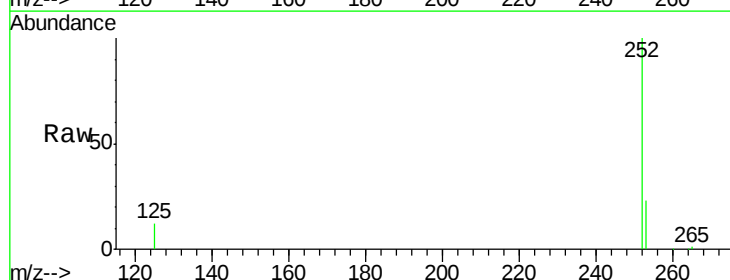
Tgt Ion:252 Resp: 320655

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

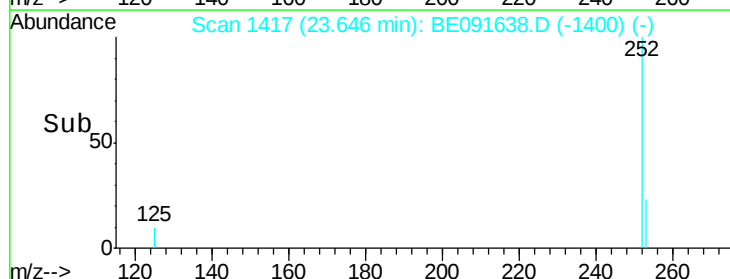
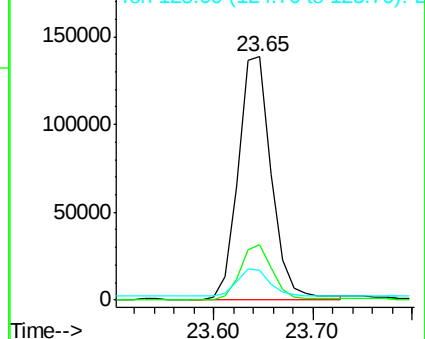
125 12.2 11.0 16.4

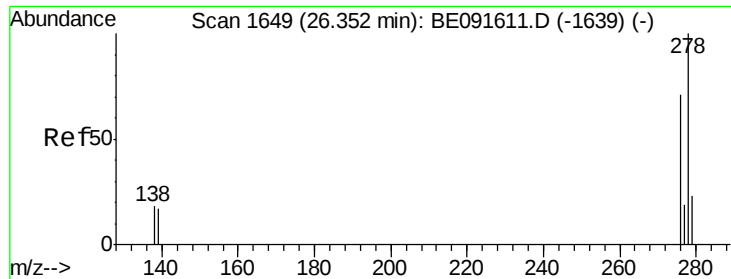


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 3.98 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

Instrument :

BNA_E

ClientSampleId :

TILCONMHDGA005MS

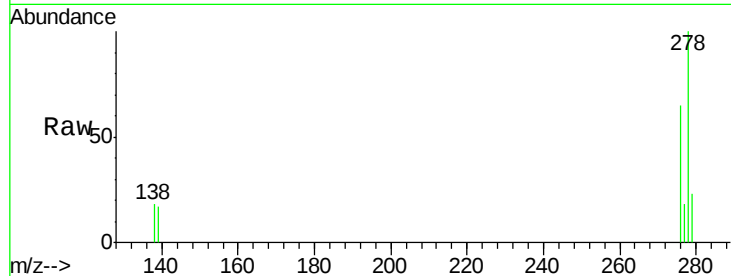
Tgt Ion:278 Resp: 306902

Ion Ratio Lower Upper

278 100

139 16.9 16.0 24.0

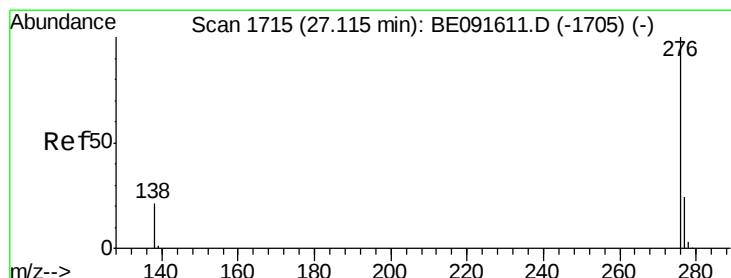
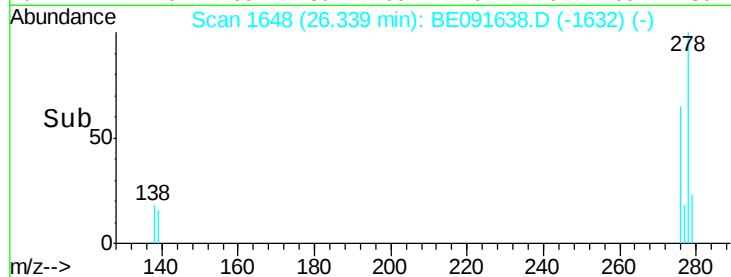
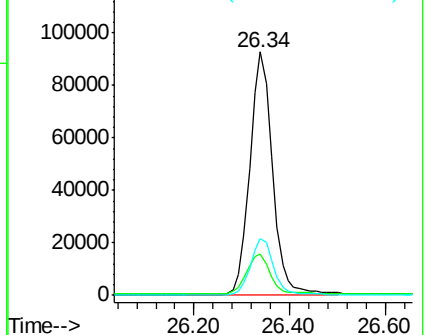
279 23.4 19.4 29.2



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: 3.96 ng

RT: 27.10 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BE091638.D

Acq: 11 Apr 2016 21:10

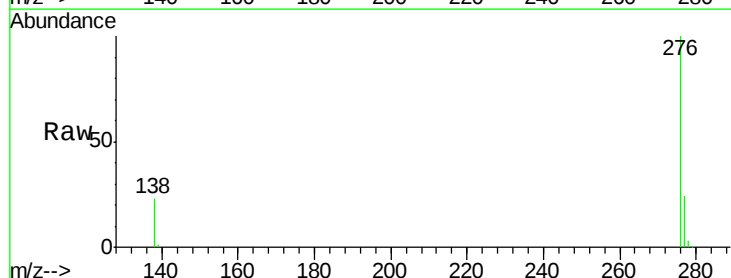
Tgt Ion:276 Resp: 314589

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 22.7 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

