

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
 Data File : BE092981.D
 Acq On : 10 May 2017 14:35
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Quant Time: May 11 05:09:42 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 03:43:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	791	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3227	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1563	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4131	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4220	0.40	ng	0.00
33) Perylene-d12	23.69	264	3809	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	833	0.37	ng	0.00
5) Phenol-d6	6.94	99	1038	0.37	ng	0.00
8) Nitrobenzene-d5	8.90	82	951	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1758	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.87	330	147	0.36	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	2361	0.40	ng	0.00
24) Fluoranthene-d10	19.15	212	3821	0.36	ng	0.00
28) Terphenyl-d14	19.73	244	2479	0.38	ng	0.00

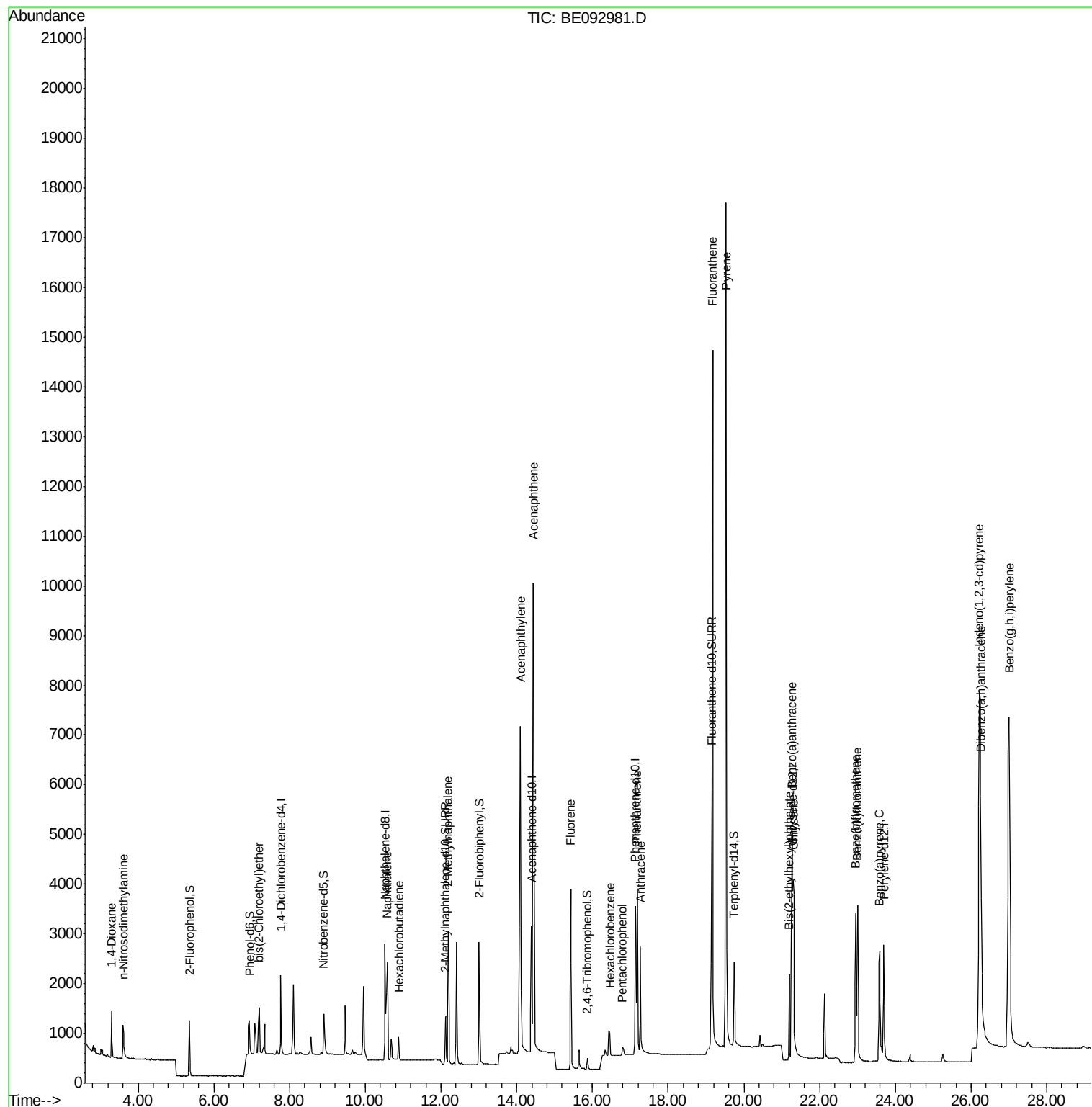
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	608	0.37	ng	97
3) n-Nitrosodimethylamine	3.61	42	502	0.37	ng	97
6) bis(2-Chloroethyl)ether	7.20	93	999	0.37	ng	# 99
9) Naphthalene	10.58	128	3249	0.38	ng	99
10) Hexachlorobutadiene	10.89	225	457	0.37	ng	97
12) 2-Methylnaphthalene	12.19	142	1922	0.39	ng	100
16) Acenaphthylene	14.10	152	9719	0.37	ng	100
17) Acenaphthene	14.44	154	1902	0.39	ng	99
18) Fluorene	15.43	166	2325	0.39	ng	99
20) Hexachlorobenzene	16.47	284	654	0.34	ng	# 100
21) Pentachlorophenol	16.79	266	189	0.43	ng	# 82
22) Phenanthrene	17.18	178	4291	0.37	ng	100
23) Anthracene	17.27	178	3229	0.35	ng	99
25) Fluoranthene	19.17	202	19137	0.35	ng	# 99
27) Pyrene	19.53	202	21326	0.38	ng	# 99
29) Benzo(a)anthracene	21.27	228	4004	0.40	ng	99
30) Chrysene	21.32	228	5009	0.37	ng	97
31) Bis(2-ethylhexyl)phthalate	21.20	149	1636	0.42	ng	99
32) Indeno(1,2,3-cd)pyrene	26.22	276	18000	0.39	ng	99
34) Benzo(b)fluoranthene	22.95	252	4145	0.36	ng	98
35) Benzo(k)fluoranthene	23.00	252	4551	0.36	ng	94
36) Benzo(a)pyrene	23.58	252	3954	0.36	ng	99
37) Dibenzo(a,h)anthracene	26.25	278	3789	0.35	ng	98
38) Benzo(g,h,i)perylene	27.00	276	16286	0.35	ng	98

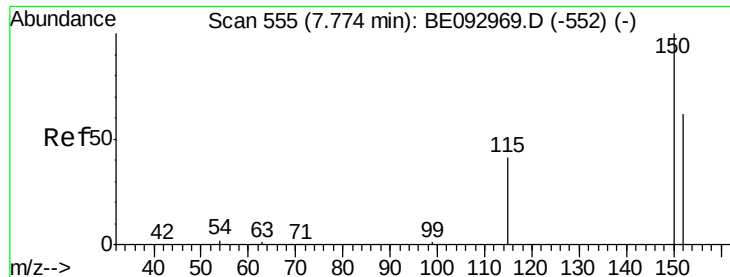
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

DFTPP

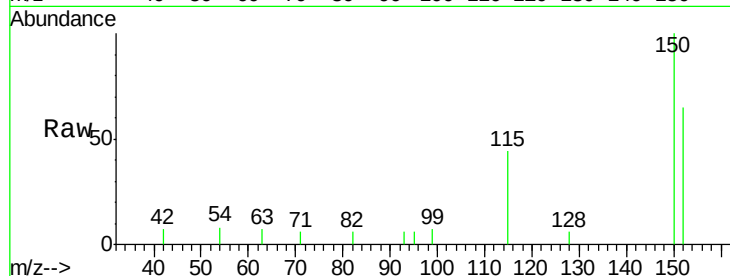
Tgt Ion: 152 Resp: 791

Ion Ratio Lower Upper

152 100

150 153.7 125.1 187.7

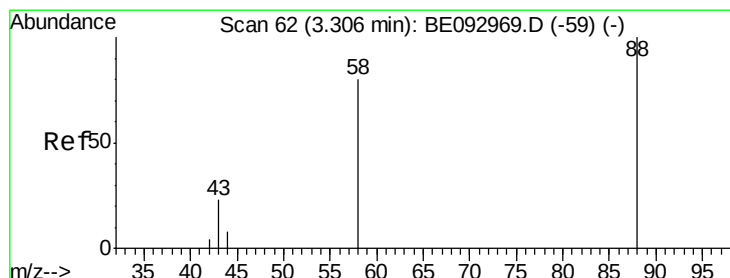
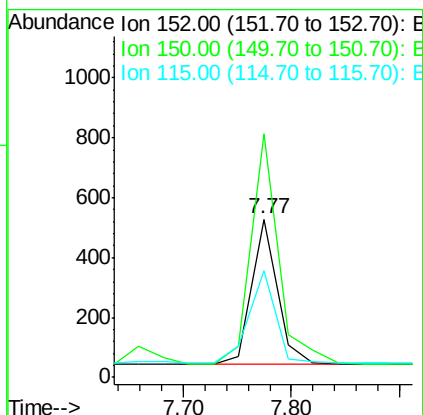
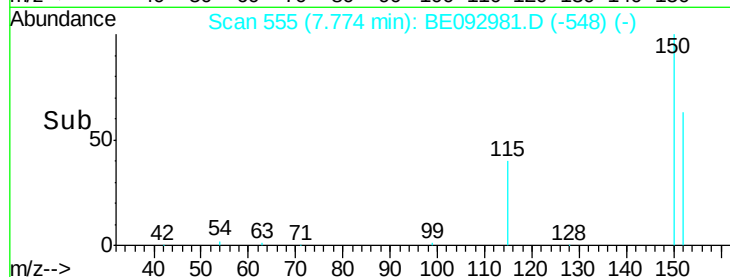
115 67.5 55.7 83.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.37 ng

RT: 3.31 min Scan# 62

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

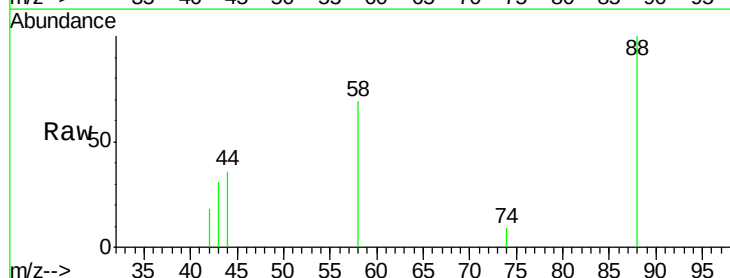
Tgt Ion: 88 Resp: 608

Ion Ratio Lower Upper

88 100

58 74.3 62.2 93.4

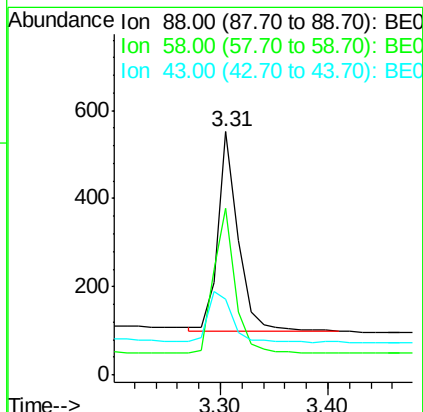
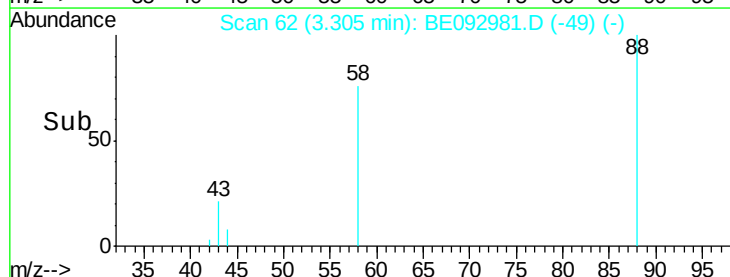
43 29.9 23.2 34.8

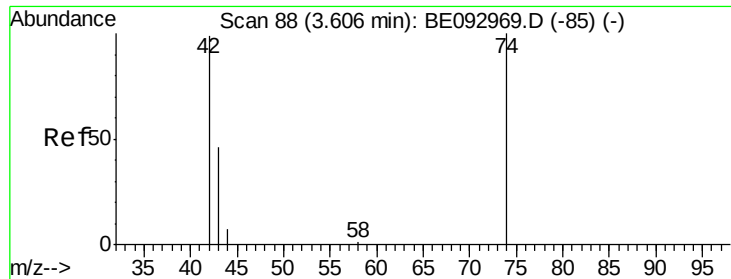


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.61 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

DFTPP

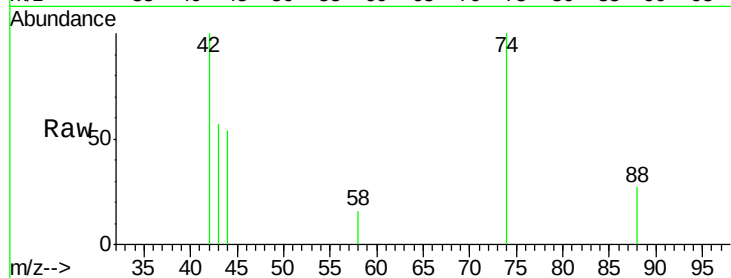
Tgt Ion: 42 Resp: 502

Ion Ratio Lower Upper

42 100

74 127.1 99.1 148.7

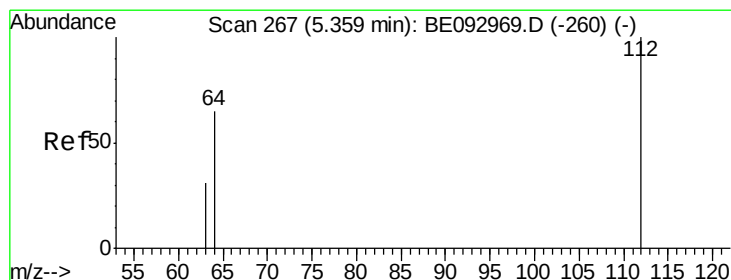
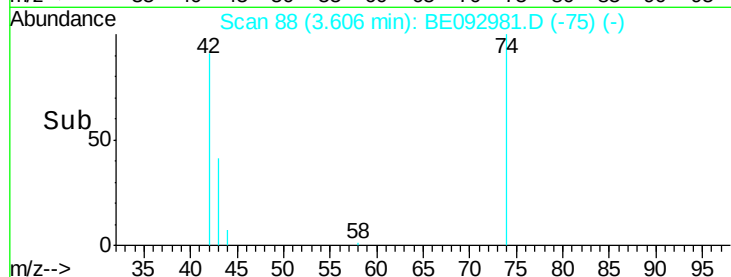
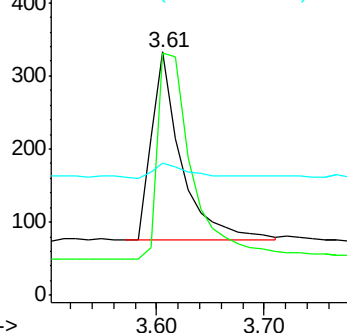
44 10.2 7.4 11.2



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.37 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

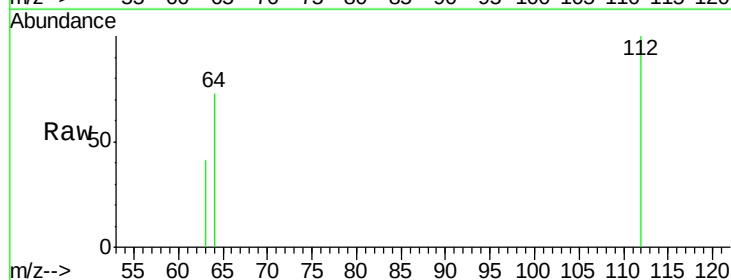
Tgt Ion: 112 Resp: 833

Ion Ratio Lower Upper

112 100

64 71.4 56.4 84.6

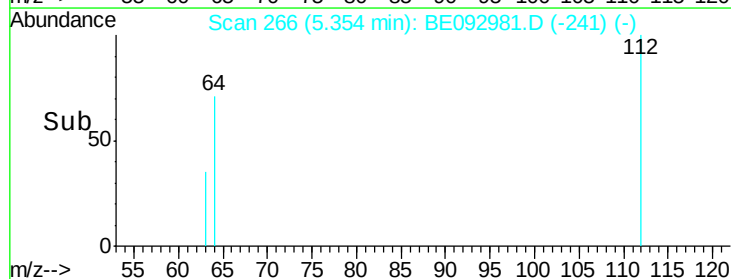
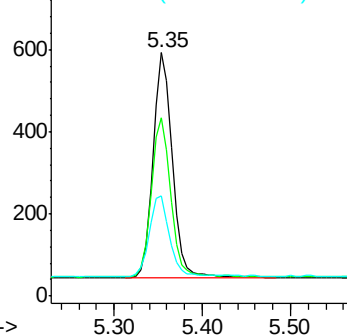
63 37.2 29.3 43.9

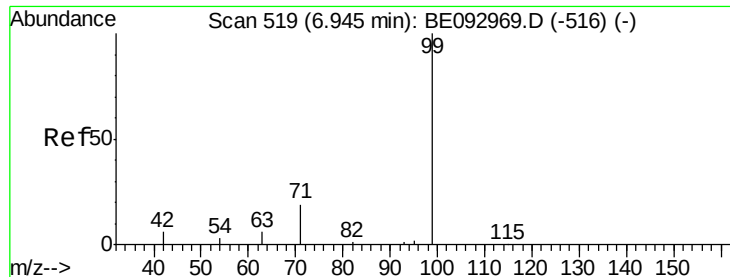


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.37 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

DFTPP

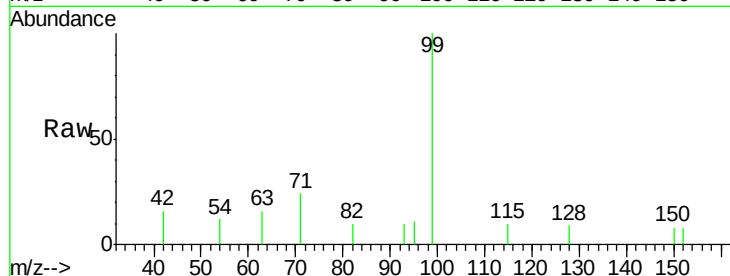
Tgt Ion: 99 Resp: 1038

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

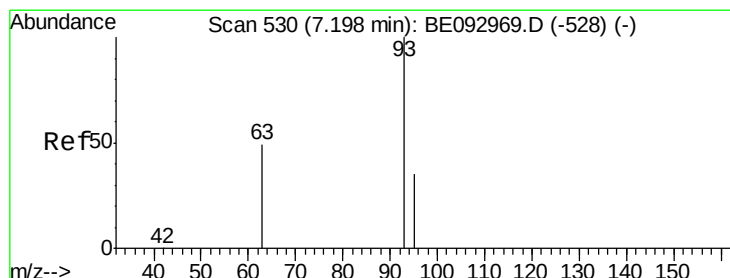
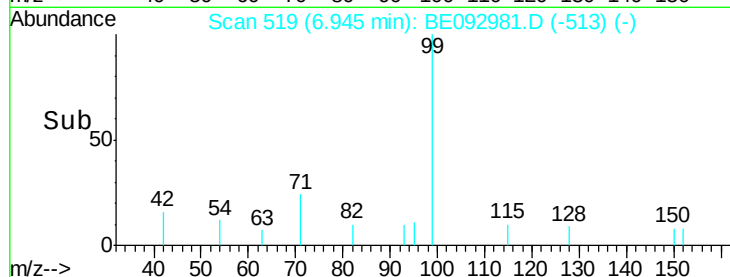
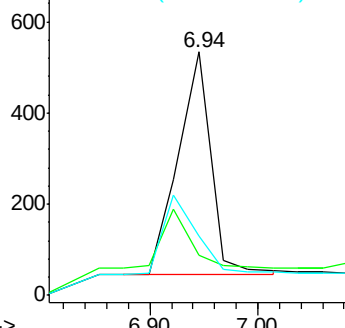
71 0.0 0.0 0.0



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.37 ng

RT: 7.20 min Scan# 530

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

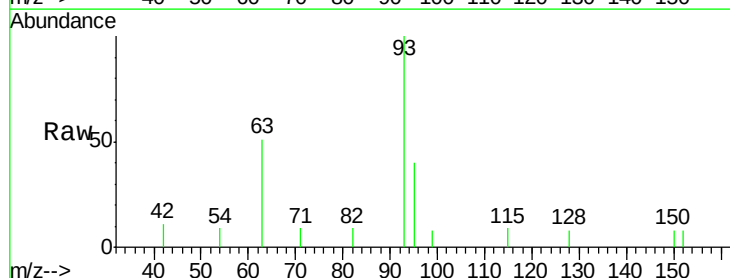
Tgt Ion: 93 Resp: 999

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

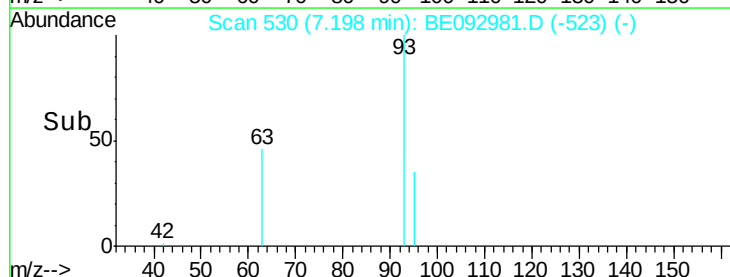
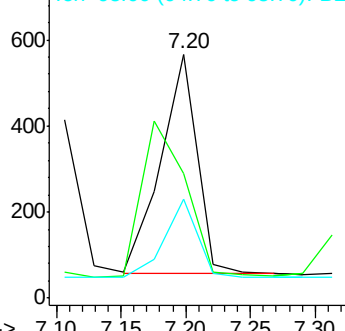
95 32.5 25.4 38.0

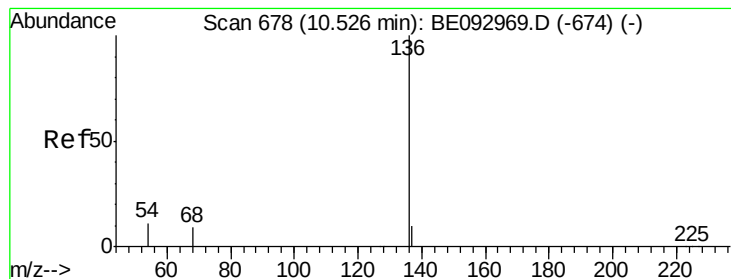


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

DFTPP

Tgt Ion:136 Resp: 3227

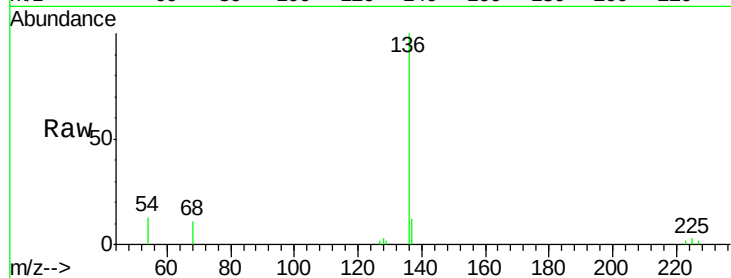
Ion Ratio Lower Upper

136 100

137 12.3 9.8 14.8

54 12.7 10.3 15.5

68 11.0 9.0 13.4

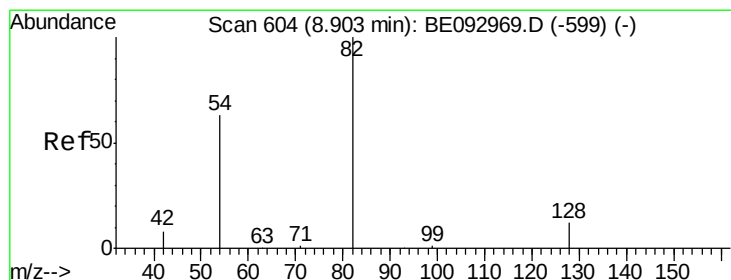
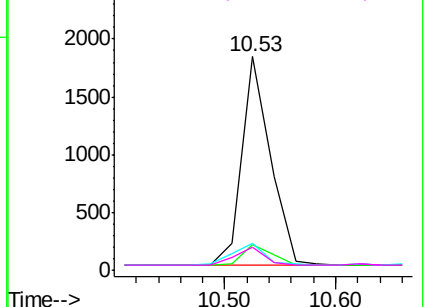
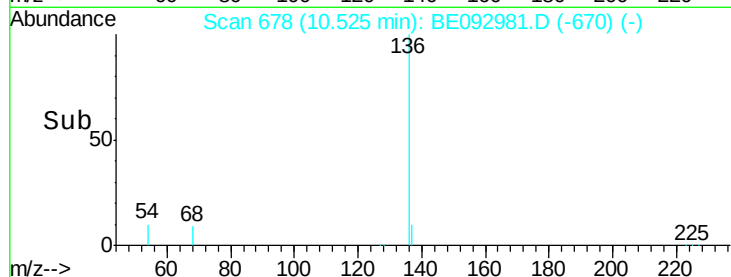


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.38 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

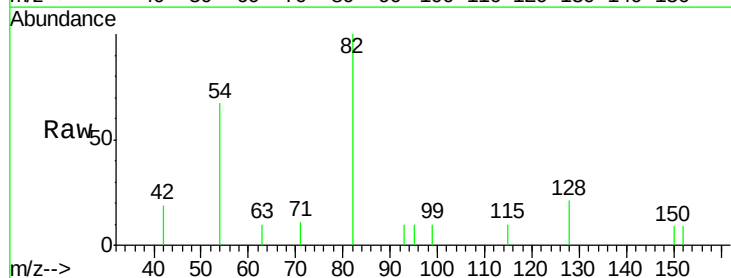
Tgt Ion: 82 Resp: 951

Ion Ratio Lower Upper

82 100

128 20.9 17.0 25.4

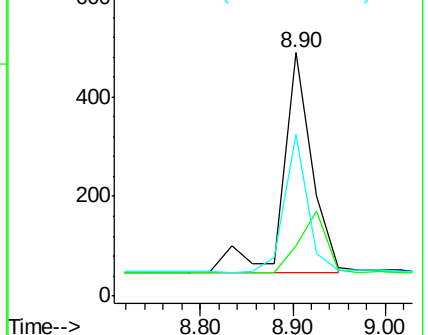
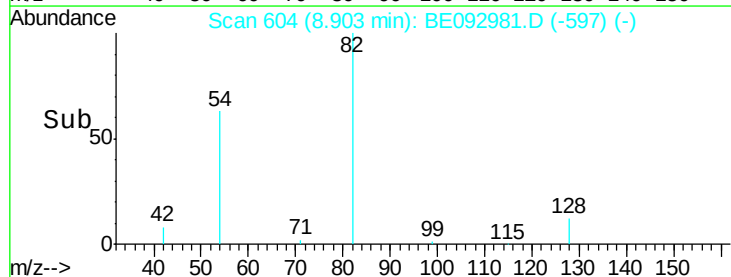
54 66.7 53.8 80.6

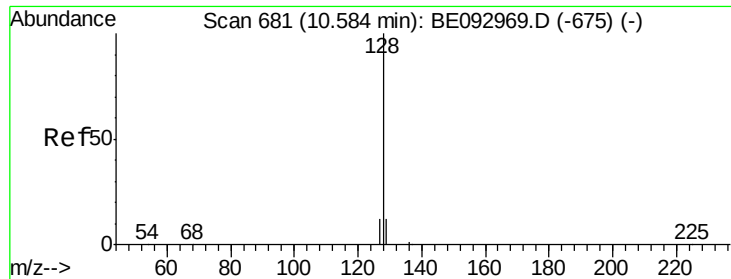


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.38 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

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BNA_G

ClientSampleId :

DFTPP

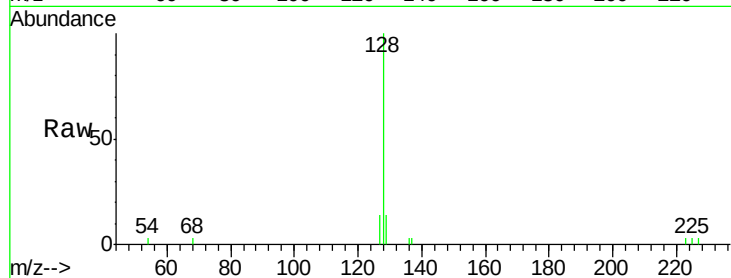
Tgt Ion:128 Resp: 3249

Ion Ratio Lower Upper

128 100

129 14.4 11.4 17.0

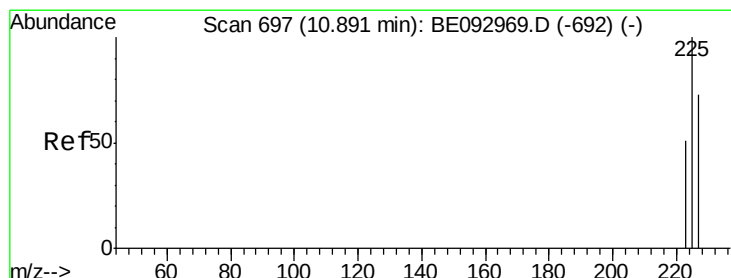
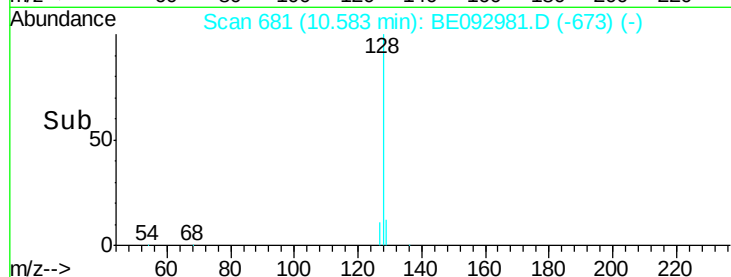
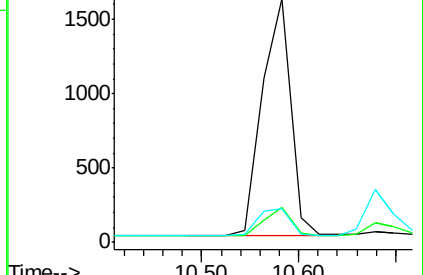
127 13.8 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.37 ng

RT: 10.89 min Scan# 697

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

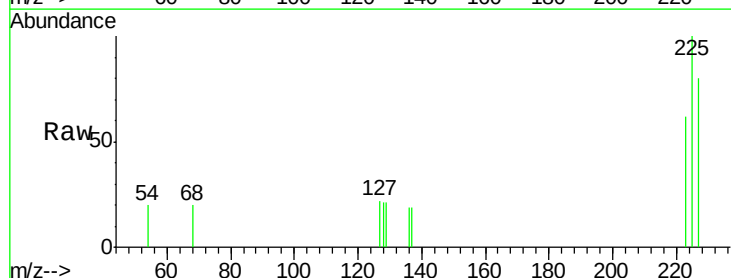
Tgt Ion:225 Resp: 457

Ion Ratio Lower Upper

225 100

223 64.3 49.7 74.5

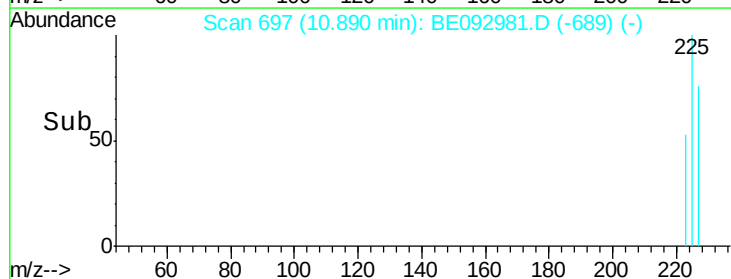
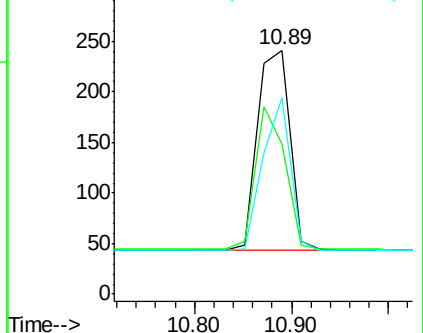
227 64.6 50.3 75.5

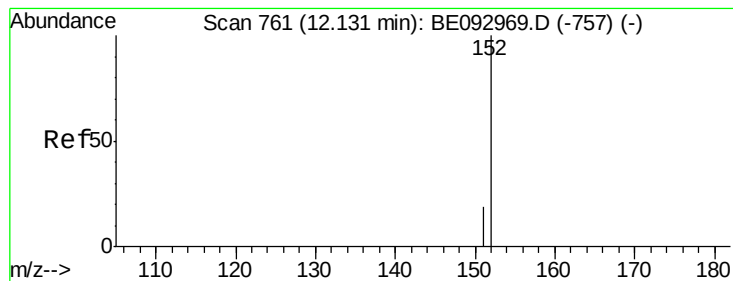


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.39 ng

RT: 12.11 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

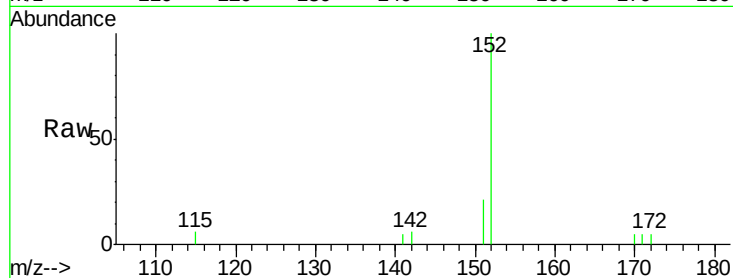
DFTPP

Tgt Ion:152 Resp: 1758

Ion Ratio Lower Upper

152 100

151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1000

800

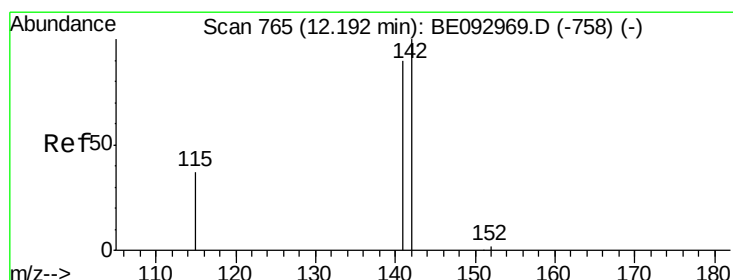
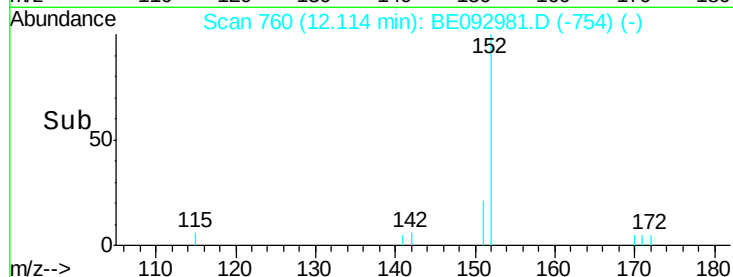
600

400

200

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

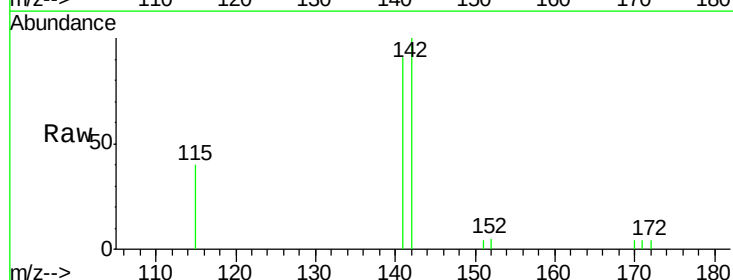
Tgt Ion:142 Resp: 1922

Ion Ratio Lower Upper

142 100

141 90.9 72.6 108.8

115 39.9 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

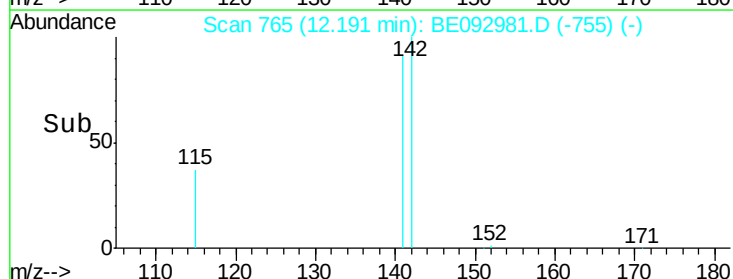
1500

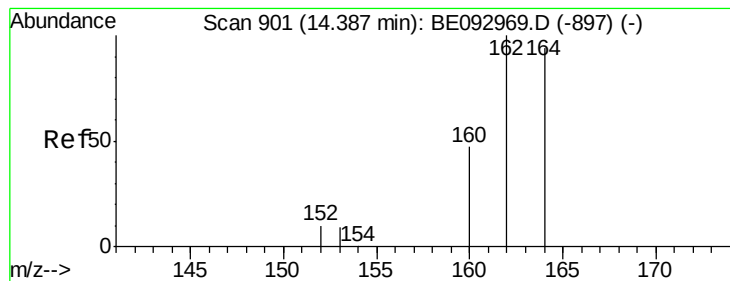
1000

500

0

Time--> 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

DFTPP

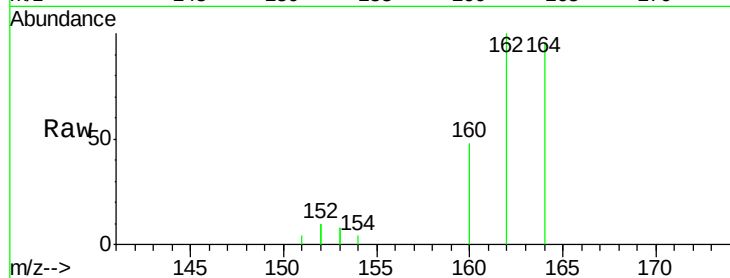
Tgt Ion:164 Resp: 1563

Ion Ratio Lower Upper

164 100

162 104.8 84.6 127.0

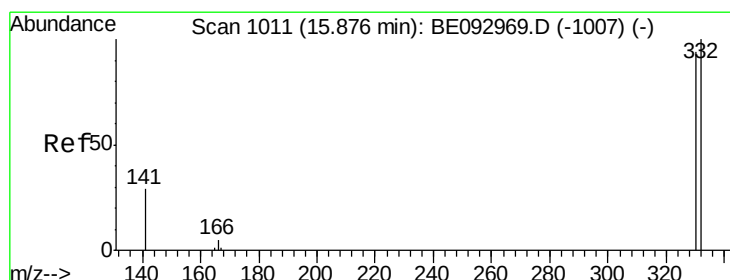
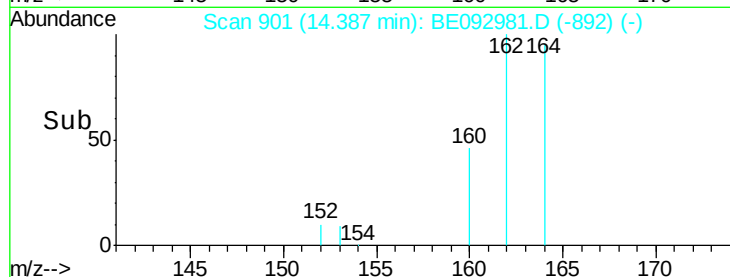
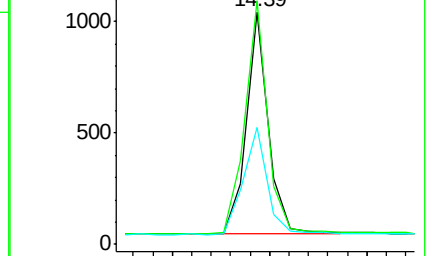
160 50.1 41.8 62.6



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: 0.36 ng

RT: 15.87 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

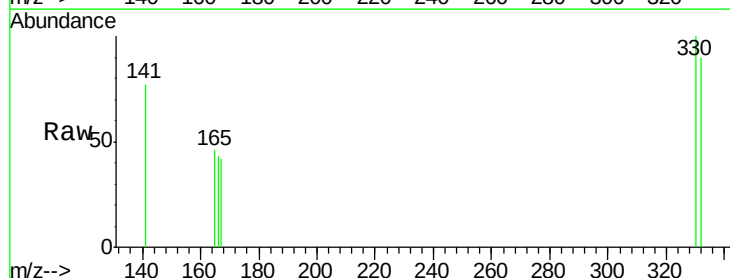
Tgt Ion:330 Resp: 147

Ion Ratio Lower Upper

330 100

332 93.2 77.7 116.5

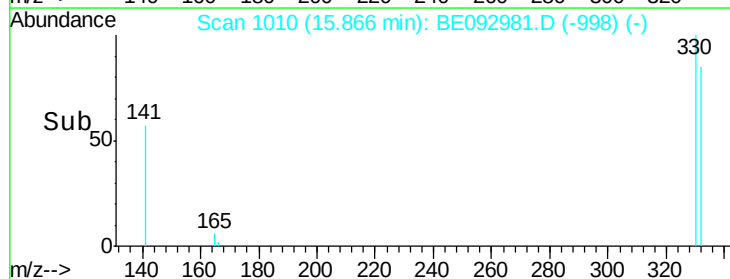
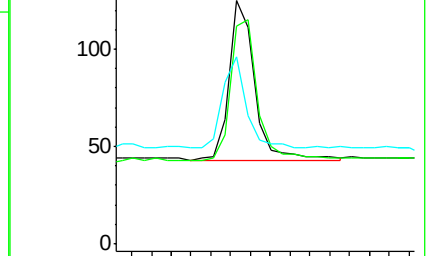
141 52.4 56.2 84.4#

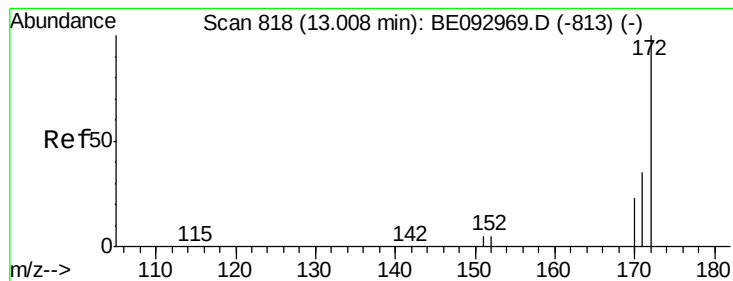


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.40 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

DFTPP

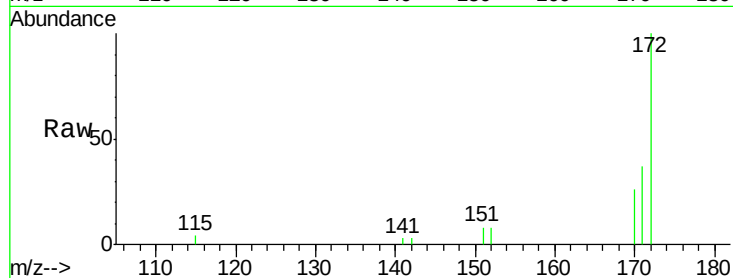
Tgt Ion:172 Resp: 2361

Ion Ratio Lower Upper

172 100

171 37.2 29.8 44.6

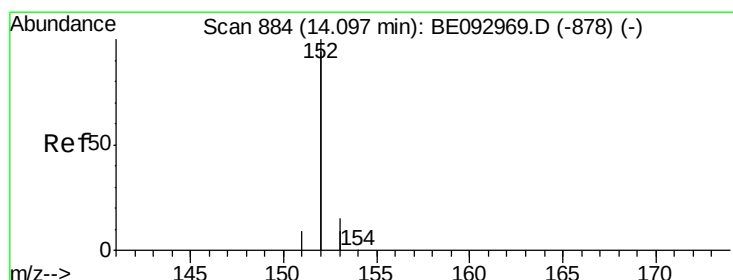
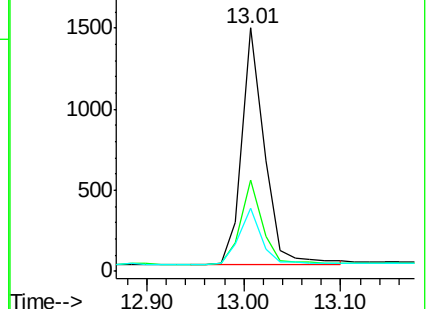
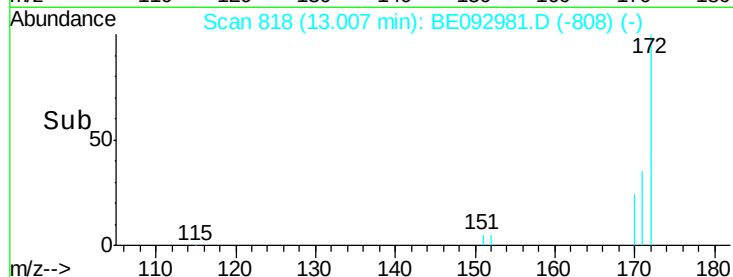
170 25.9 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.37 ng

RT: 14.10 min Scan# 884

Delta R.T. 0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

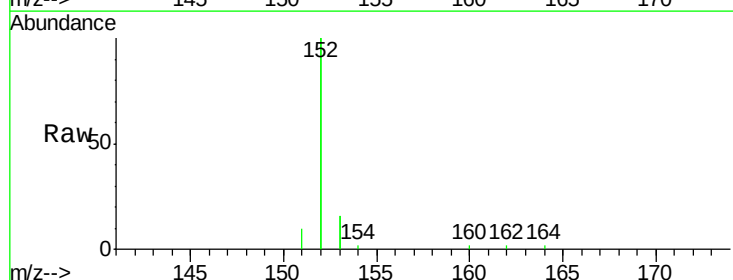
Tgt Ion:152 Resp: 9719

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

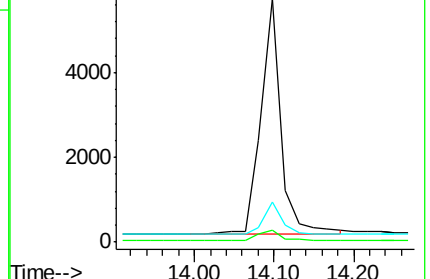
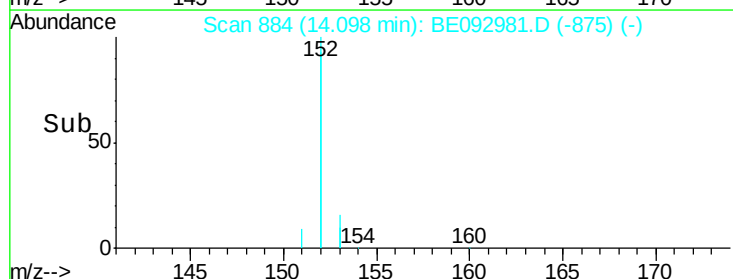
153 13.0 10.3 15.5

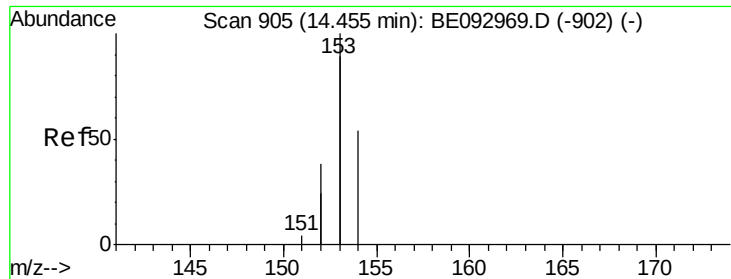


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

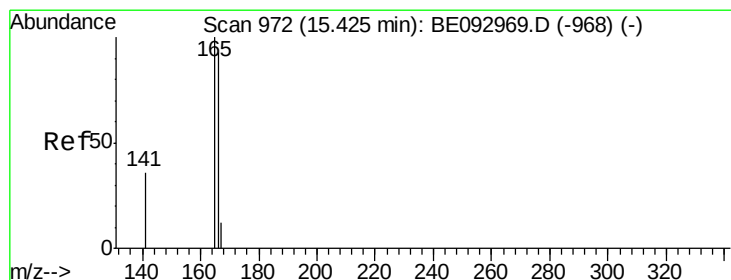
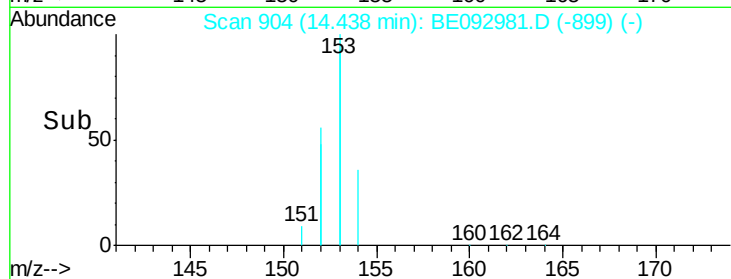
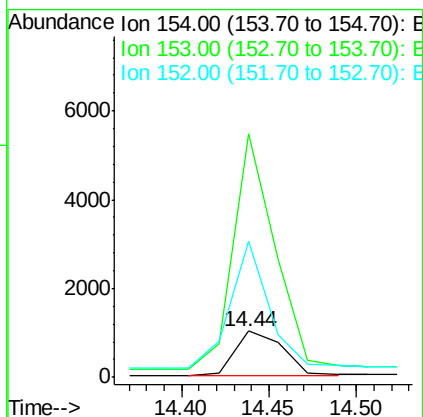
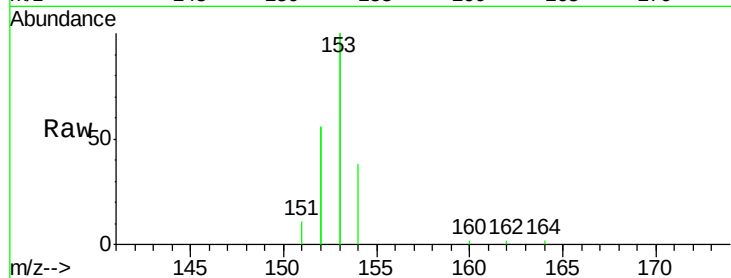




#17
Acenaphthene
Concen: 0.39 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE092981.D
Acq: 10 May 2017 14:35

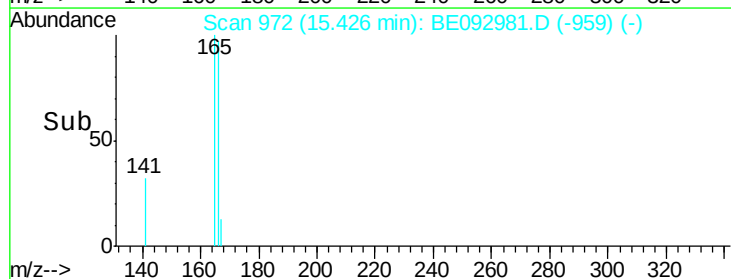
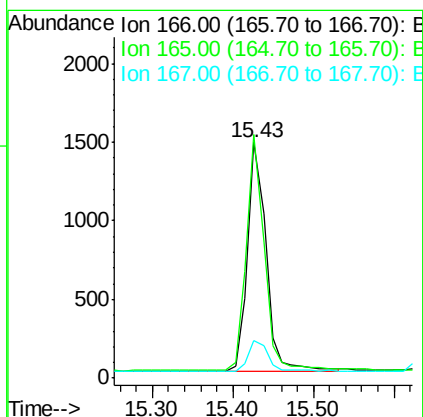
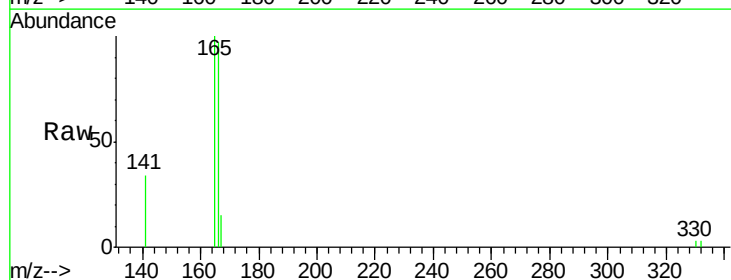
Instrument :
BNA_G
ClientSampleId :
DFTPP

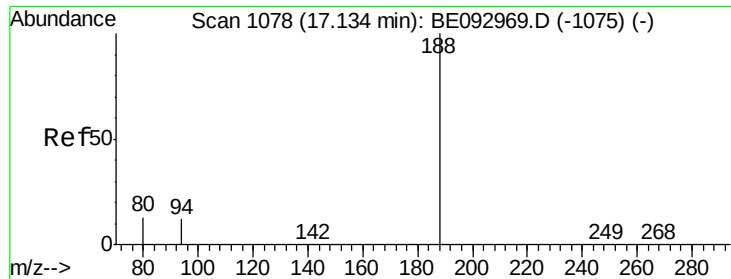
Tgt Ion:154 Resp: 1902
Ion Ratio Lower Upper
154 100
153 463.4 367.8 551.6
152 233.4 188.2 282.2



#18
Fluorene
Concen: 0.39 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE092981.D
Acq: 10 May 2017 14:35

Tgt Ion:166 Resp: 2325
Ion Ratio Lower Upper
166 100
165 99.7 78.6 117.8
167 14.1 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

DFTPP

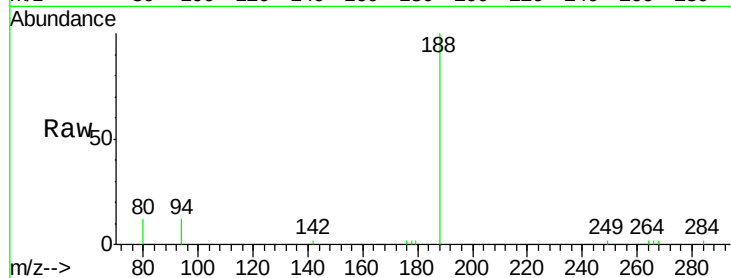
Tgt Ion:188 Resp: 4131

Ion Ratio Lower Upper

188 100

94 12.2 11.3 16.9

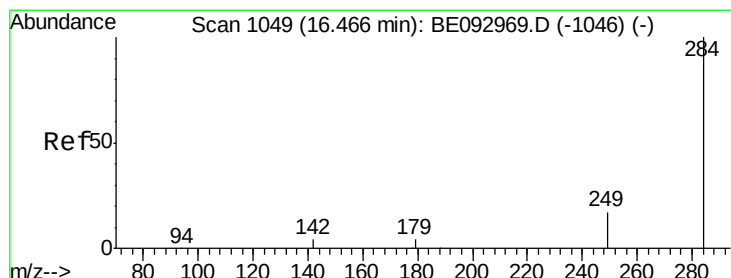
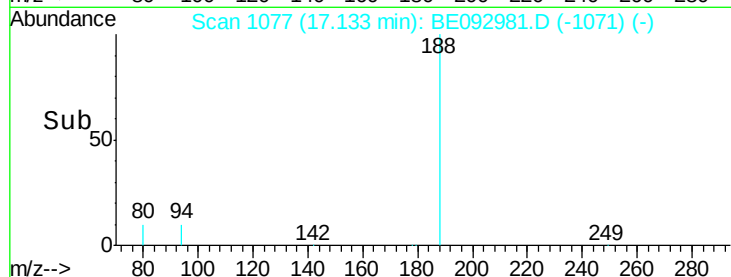
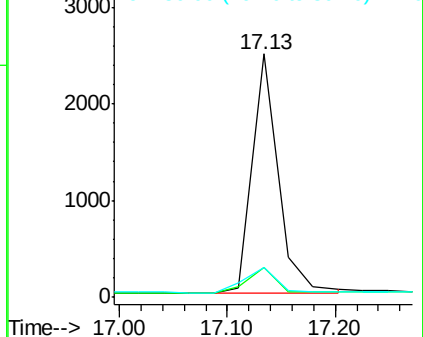
80 12.2 11.7 17.5



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

Hexachlorobenzene

Concen: 0.34 ng

RT: 16.47 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

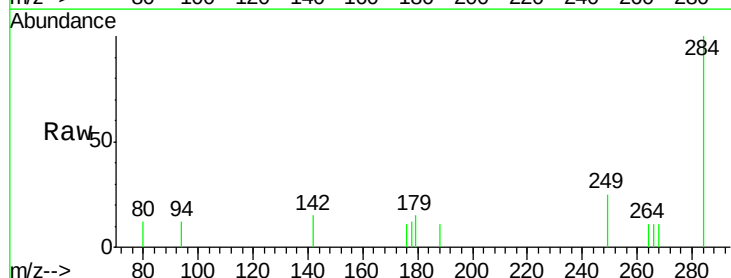
Tgt Ion:284 Resp: 654

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

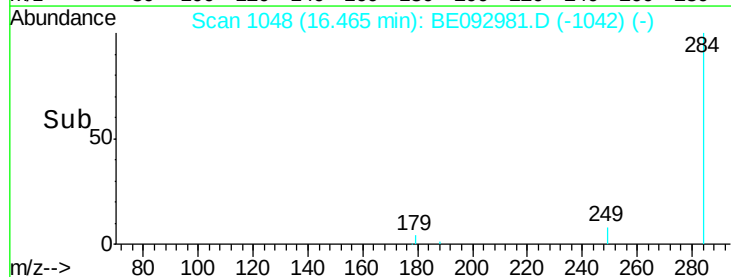
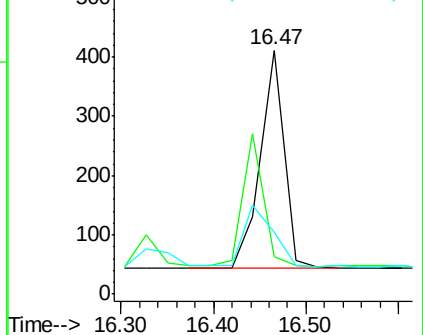
249 0.0 0.0 0.0

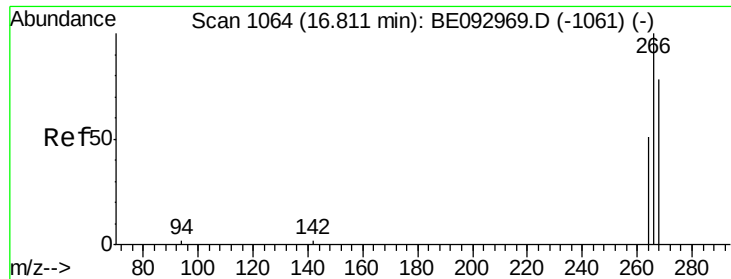


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

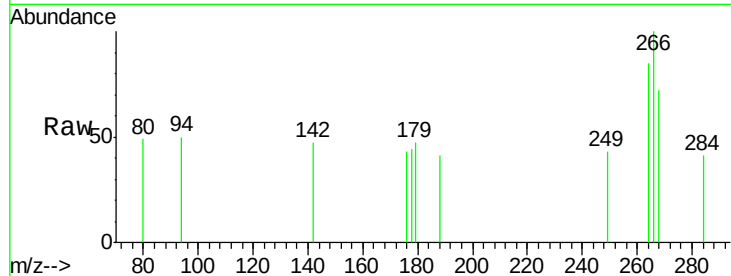




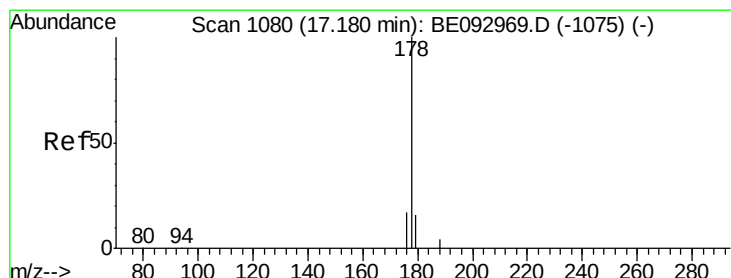
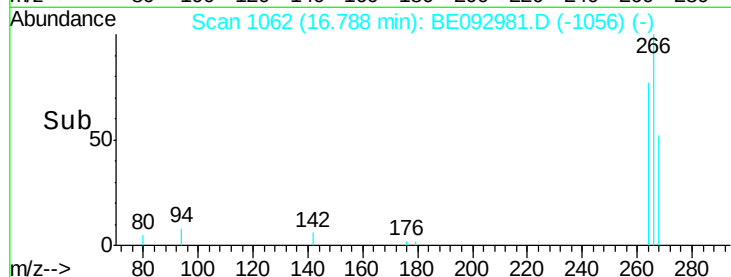
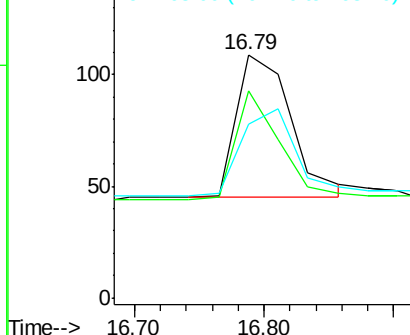
#21
Pentachlorophenol
Concen: 0.43 ng
RT: 16.79 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BE092981.D
Acq: 10 May 2017 14:35

Instrument :
BNA_G
ClientSampled :
DFTPP

Tgt Ion: 266 Resp: 189
Ion Ratio Lower Upper
266 100
264 85.3 58.2 87.2
268 71.6 71.9 107.9#

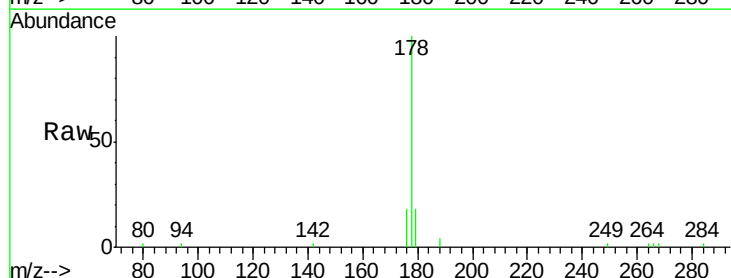


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

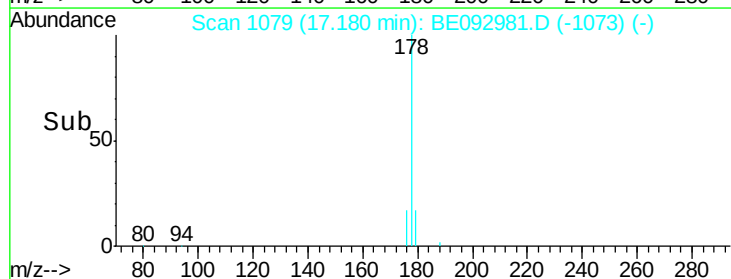
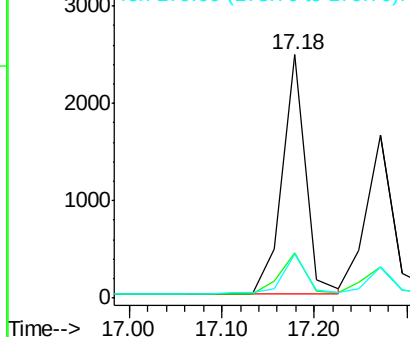


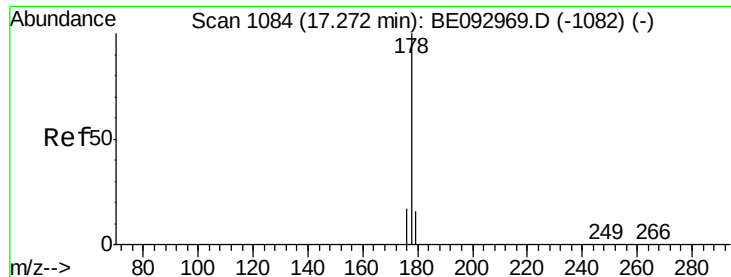
#22
Phenanthrene
Concen: 0.37 ng
RT: 17.18 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092981.D
Acq: 10 May 2017 14:35

Tgt Ion: 178 Resp: 4291
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 16.0 12.7 19.1



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





#23

Anthracene

Concen: 0.35 ng

RT: 17.27 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

DFTPP

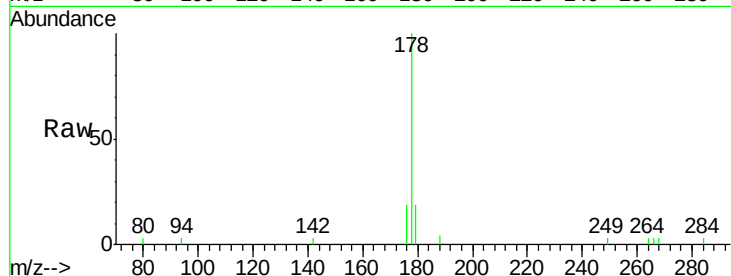
Tgt Ion:178 Resp: 3229

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

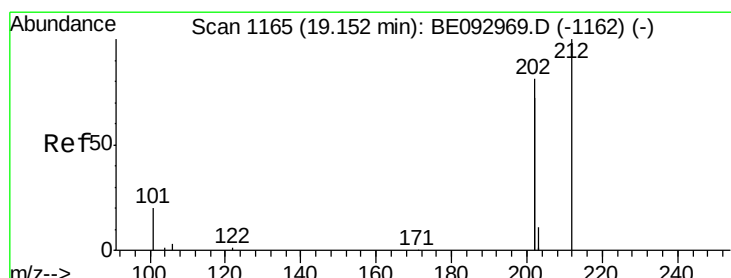
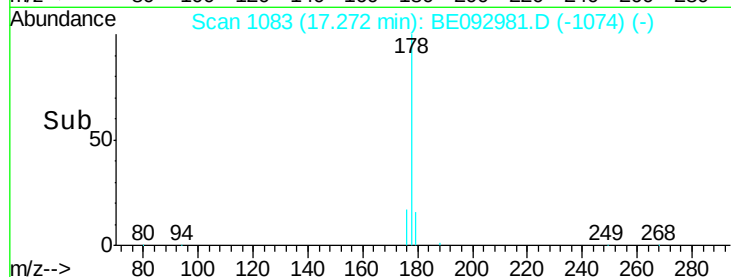
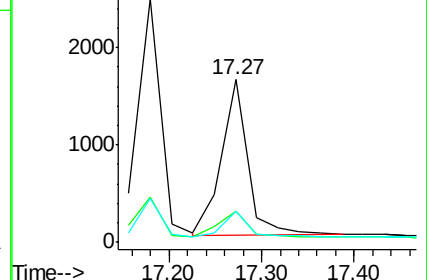
179 15.4 12.0 18.0



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

Fluoranthene-d10

Concen: 0.36 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

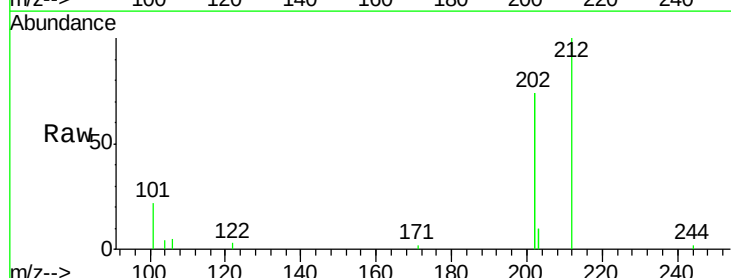
Tgt Ion:212 Resp: 3821

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

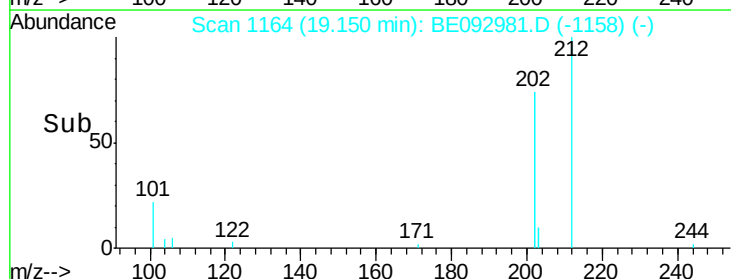
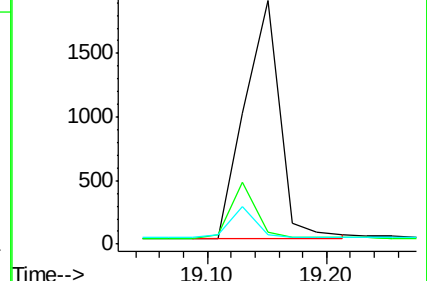
104 0.0 0.0 0.0

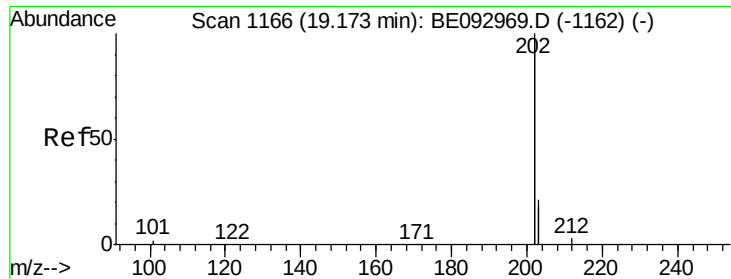


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#25

Fluoranthene

Concen: 0.35 ng

RT: 19.17 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

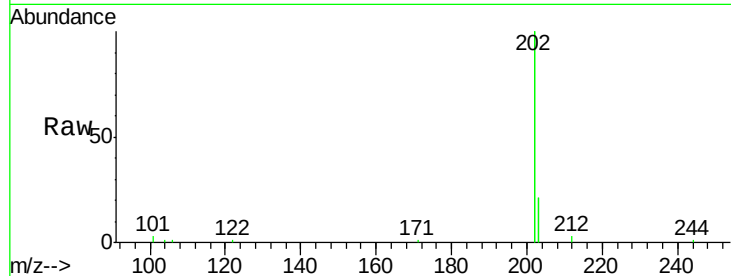
Instrument :

BNA_G

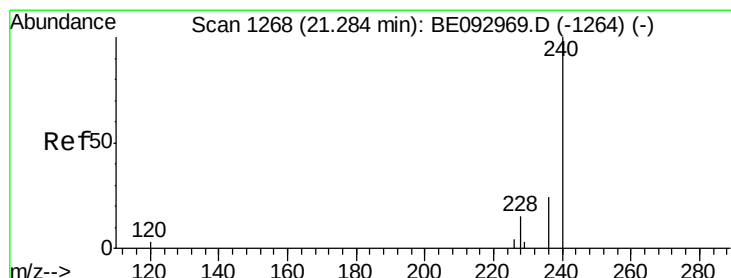
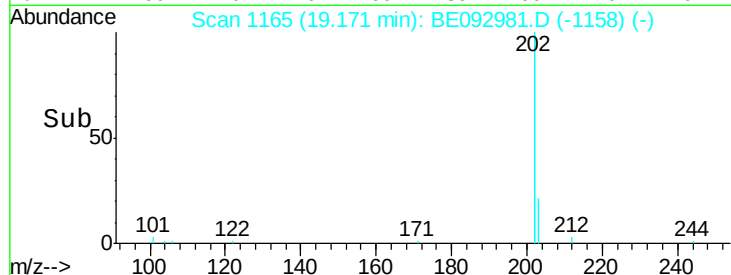
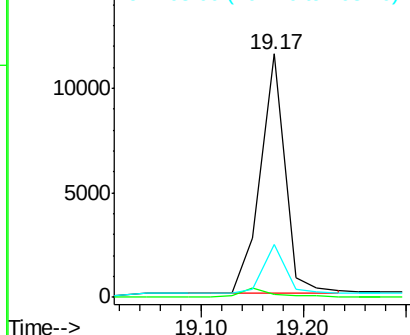
ClientSampleId :

DFTPP

Tgt Ion:	202	Resp:	19137
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.6	14.4	21.6



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: 0.40 ng

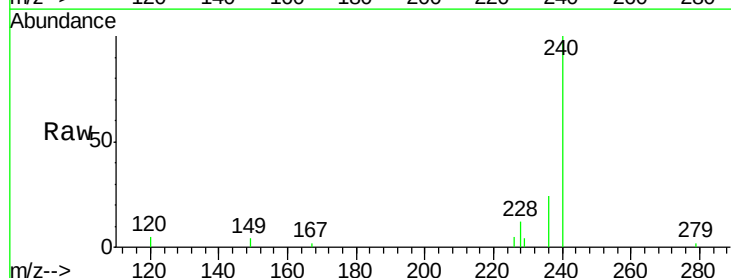
RT: 21.28 min Scan# 1267

Delta R.T. -0.00 min

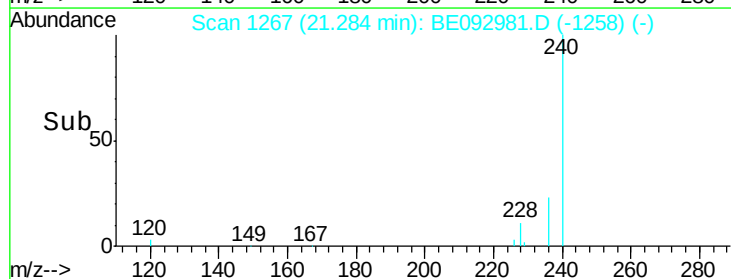
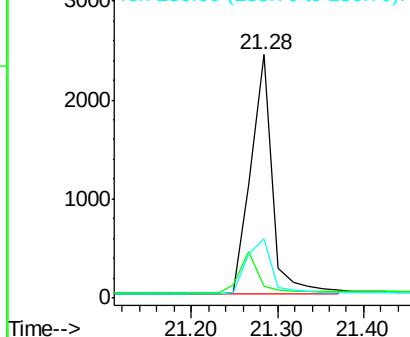
Lab File: BE092981.D

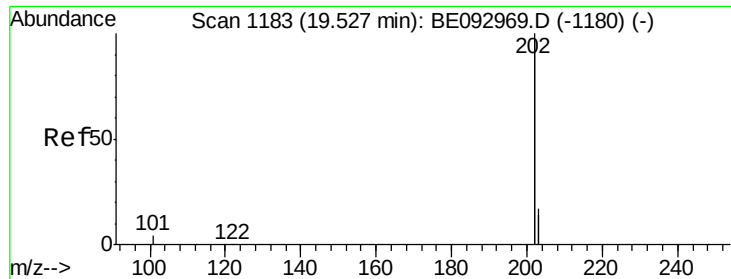
Acq: 10 May 2017 14:35

Tgt Ion:	240	Resp:	4220
Ion	Ratio	Lower	Upper
240	100		
120	4.8	4.6	7.0
236	24.2	20.8	31.2



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

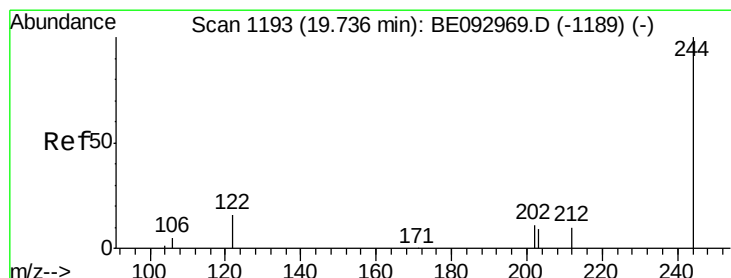
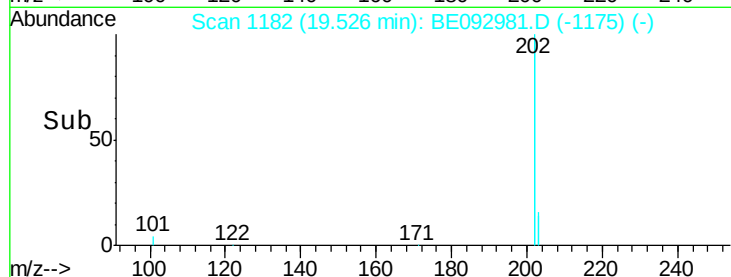
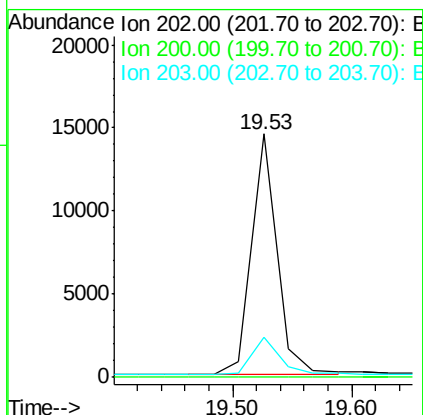
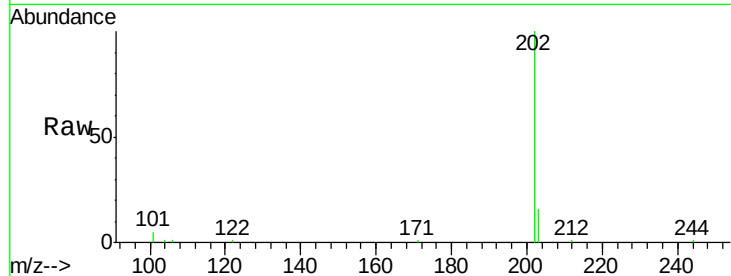




#27
 Pyrene
 Concen: 0.38 ng
 RT: 19.53 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BE092981.D
 Acq: 10 May 2017 14:35

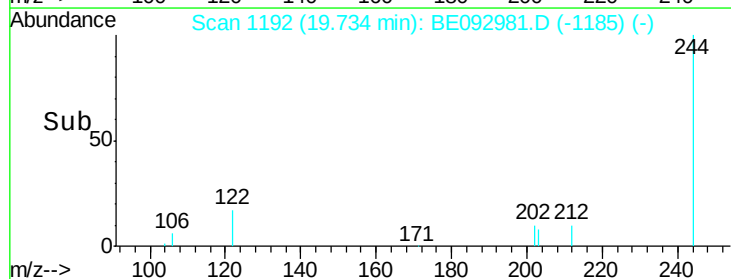
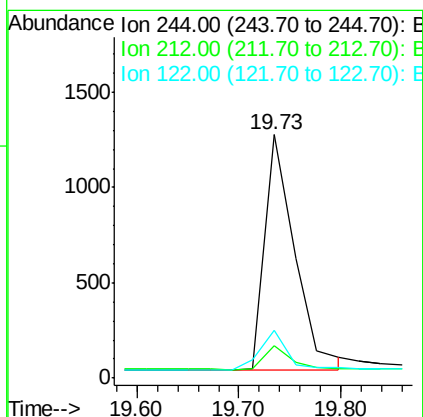
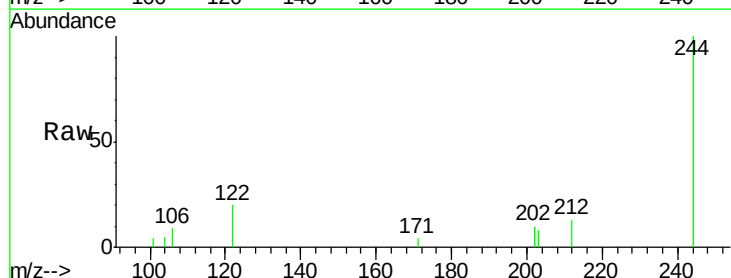
Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

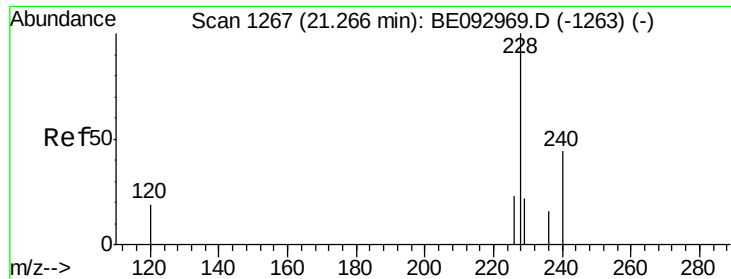
Tgt Ion: 202 Resp: 21326
 Ion Ratio Lower Upper
 202 100
 200 0.0 0.0 0.0
 203 16.5 13.7 20.5



#28
 Terphenyl-d14
 Concen: 0.38 ng
 RT: 19.73 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BE092981.D
 Acq: 10 May 2017 14:35

Tgt Ion: 244 Resp: 2479
 Ion Ratio Lower Upper
 244 100
 212 13.3 10.6 16.0
 122 19.8 15.4 23.0





#29

Benzo(a)anthracene

Concen: 0.40 ng

RT: 21.27 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

DFTPP

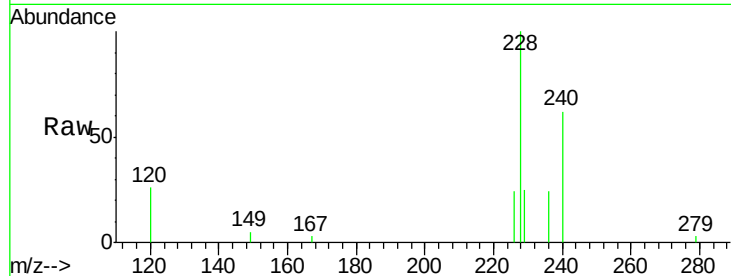
Tgt Ion:228 Resp: 4004

Ion Ratio Lower Upper

228 100

226 24.0 19.7 29.5

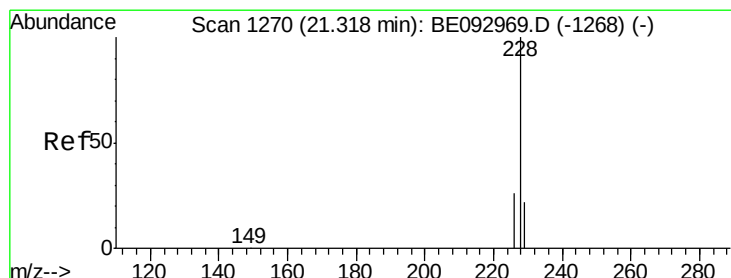
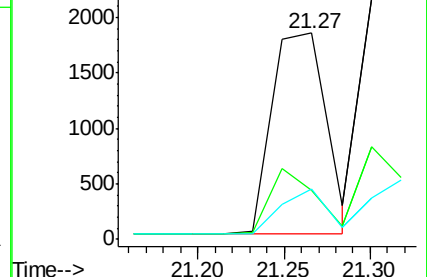
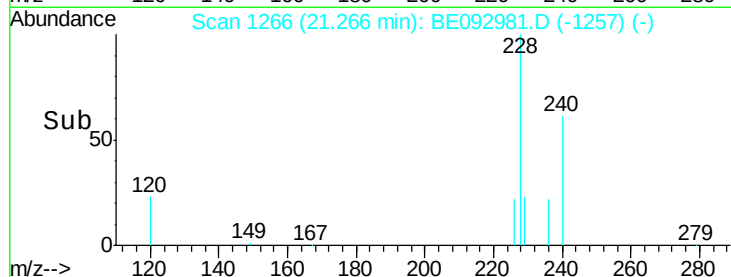
229 24.6 19.2 28.8



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



#30

Chrysene

Concen: 0.37 ng

RT: 21.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

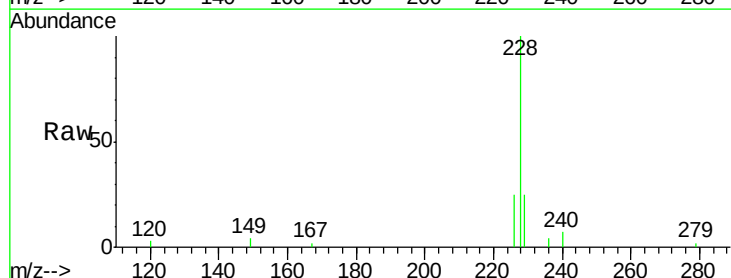
Tgt Ion:228 Resp: 5009

Ion Ratio Lower Upper

228 100

226 25.3 21.5 32.3

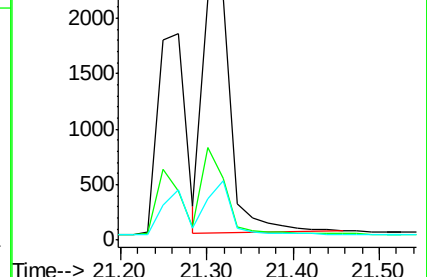
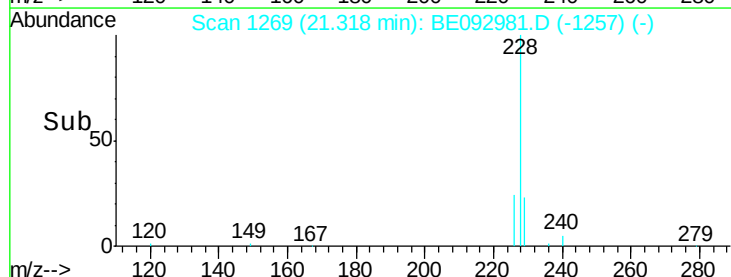
229 24.6 18.6 28.0

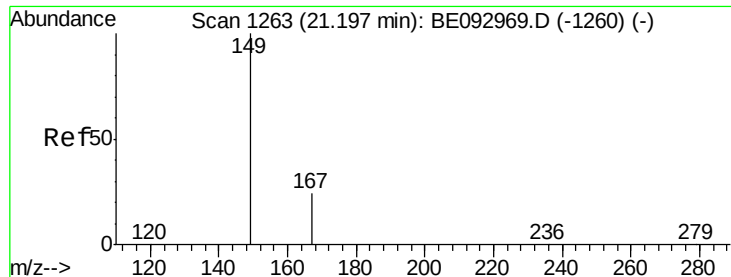


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

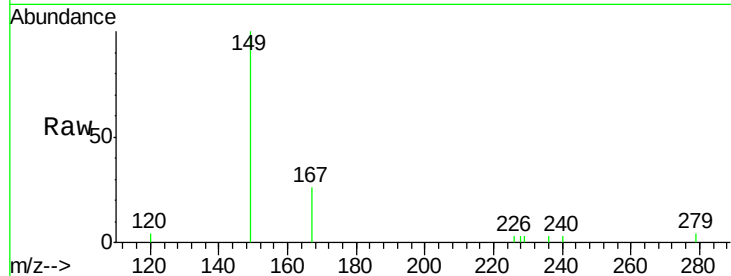




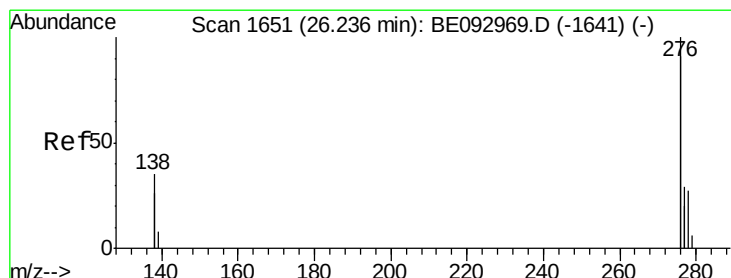
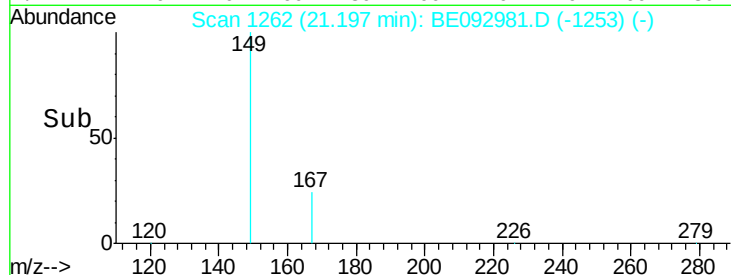
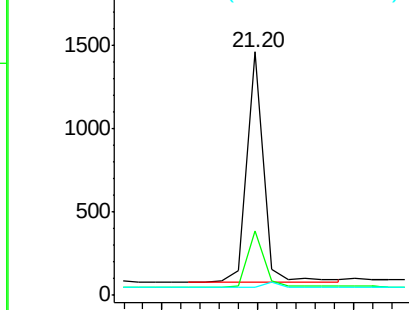
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.42 ng
 RT: 21.20 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BE092981.D
 Acq: 10 May 2017 14:35

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

Tgt Ion:149 Resp: 1636
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.1 30.1
 279 2.6 2.2 3.4

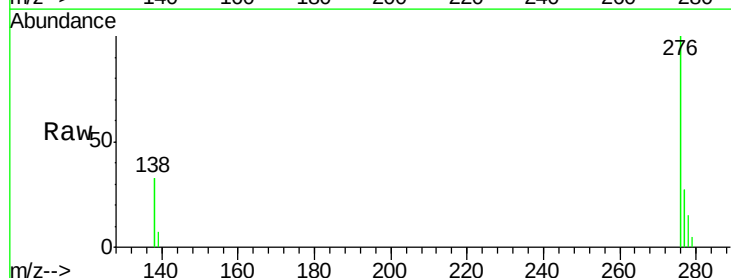


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

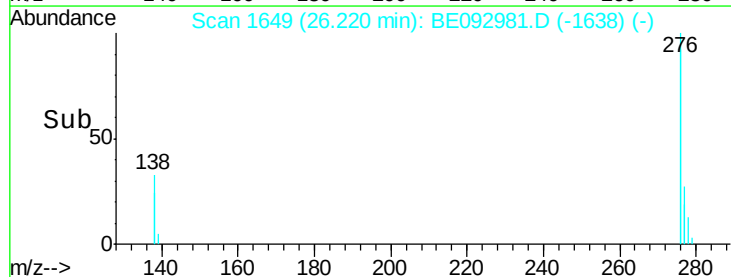
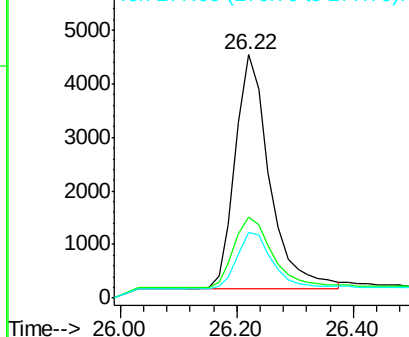


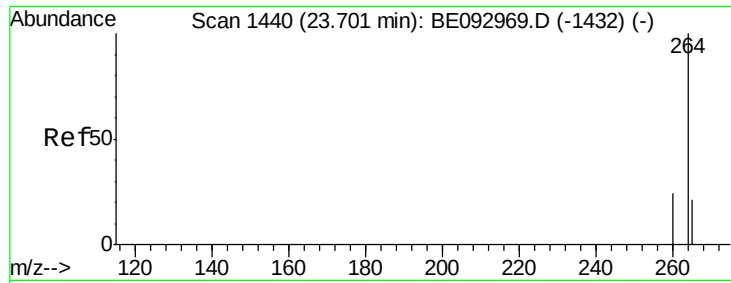
#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.39 ng
 RT: 26.22 min Scan# 1649
 Delta R.T. -0.02 min
 Lab File: BE092981.D
 Acq: 10 May 2017 14:35

Tgt Ion:276 Resp: 18000
 Ion Ratio Lower Upper
 276 100
 138 33.7 27.4 41.2
 277 24.9 20.1 30.1



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





#33

Perylene-d12

Concen: 0.40 ng

RT: 23.69 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

DFTPP

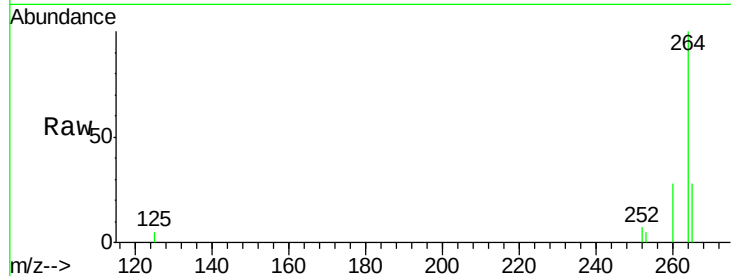
Tgt Ion:264 Resp: 3809

Ion Ratio Lower Upper

264 100

260 28.0 21.0 31.4

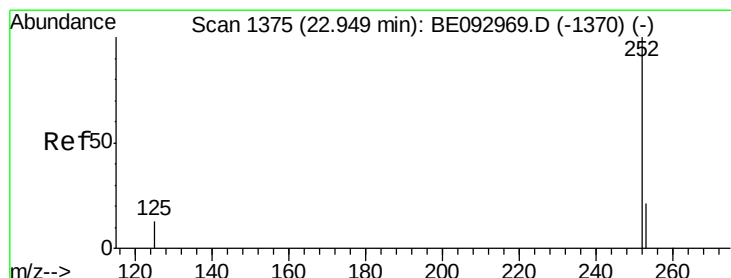
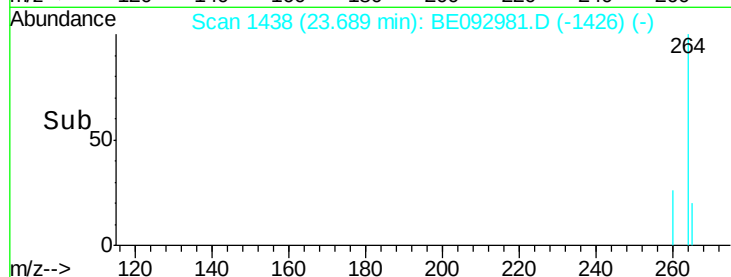
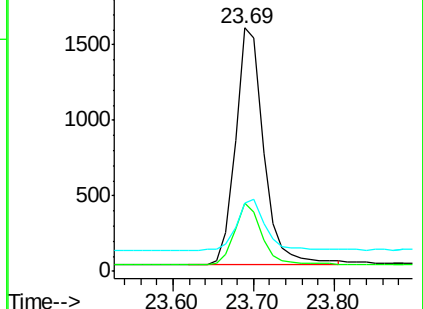
265 28.2 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#34

Benzo(b)fluoranthene

Concen: 0.36 ng

RT: 22.95 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

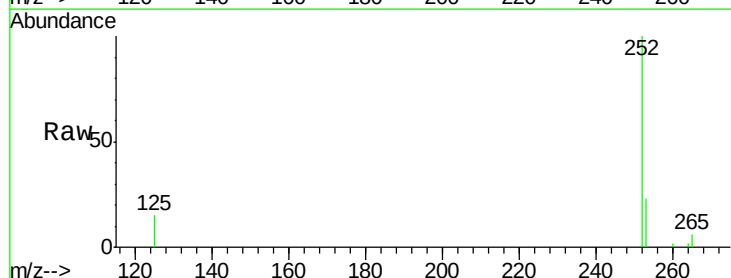
Tgt Ion:252 Resp: 4145

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

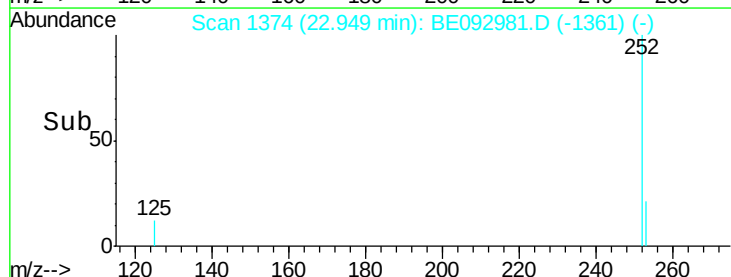
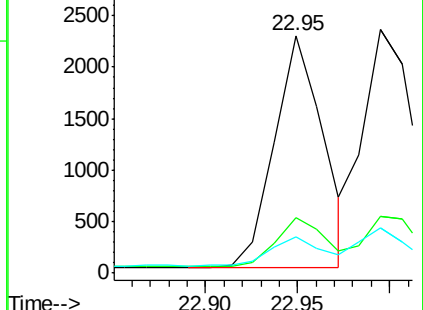
125 15.2 13.4 20.0

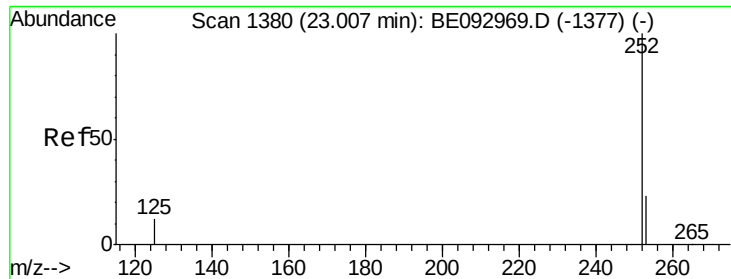


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(k)fluoranthene

Concen: 0.36 ng

RT: 23.00 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

DFTPP

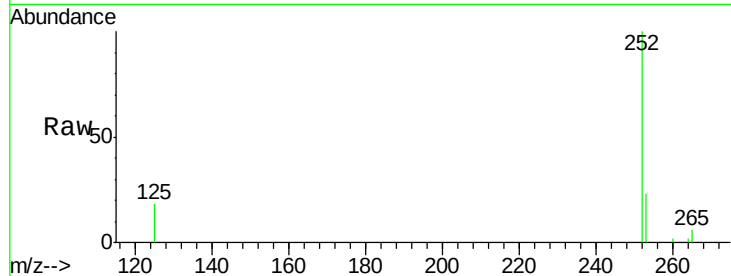
Tgt Ion:252 Resp: 4551

Ion Ratio Lower Upper

252 100

253 23.1 20.3 30.5

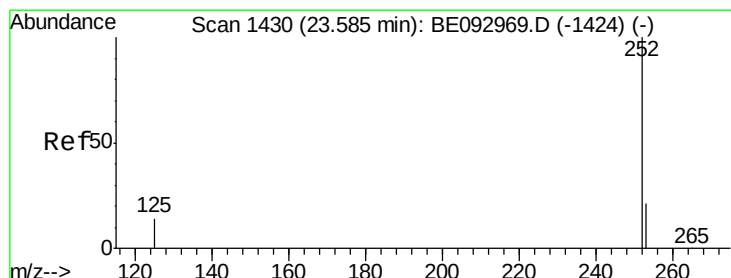
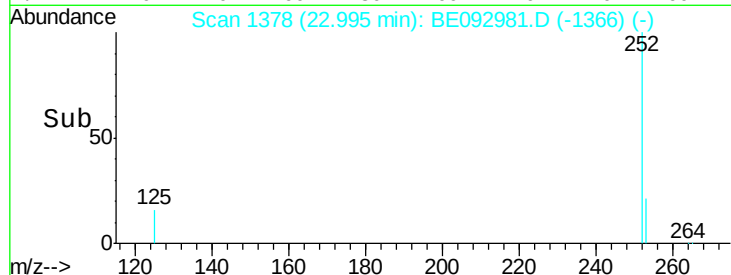
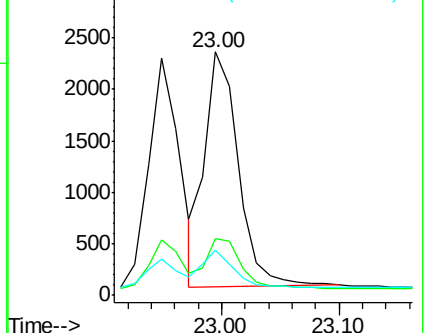
125 18.3 12.2 18.4



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



#36

Benzo(a)pyrene

Concen: 0.36 ng

RT: 23.58 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

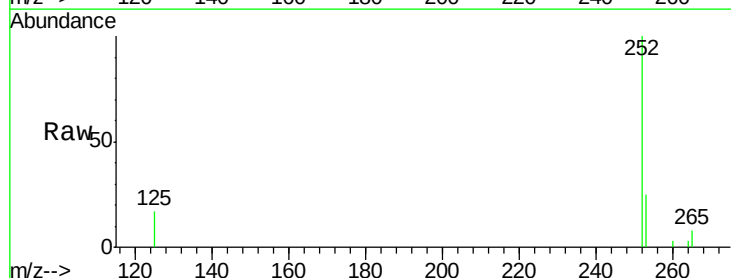
Tgt Ion:252 Resp: 3954

Ion Ratio Lower Upper

252 100

253 24.9 19.9 29.9

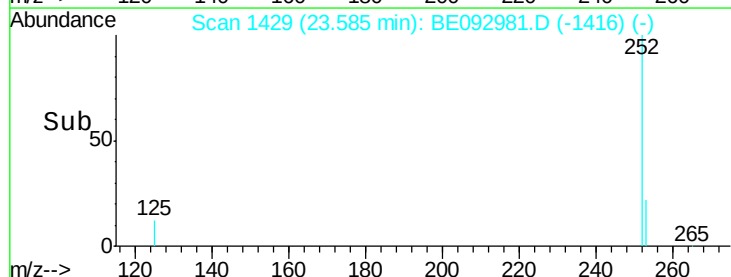
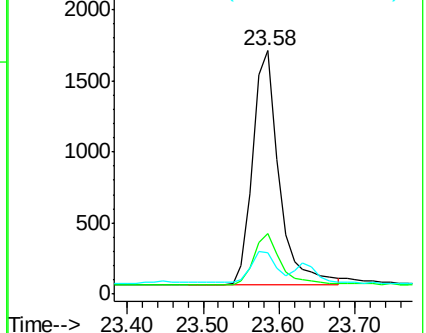
125 16.8 14.6 21.8

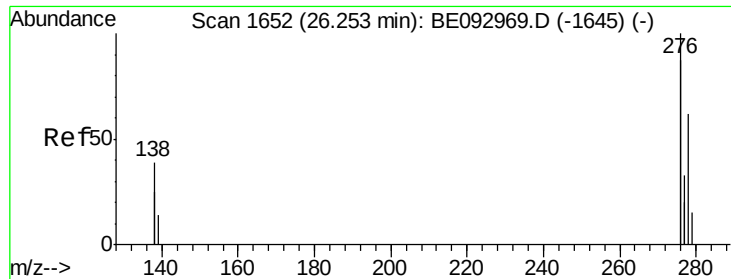


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Dibenzo(a,h)anthracene

Concen: 0.35 ng

RT: 26.25 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

Instrument :

BNA_G

ClientSampleId :

DFTPP

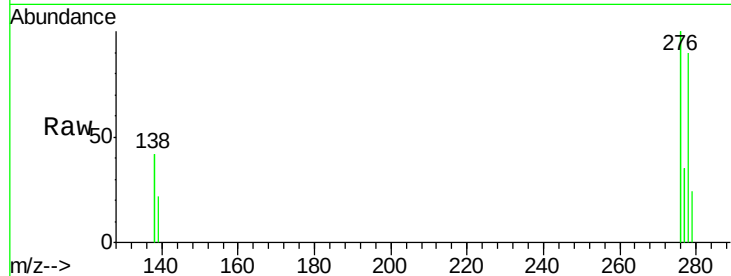
Tgt Ion: 278 Resp: 3789

Ion Ratio Lower Upper

278 100

139 24.5 21.4 32.0

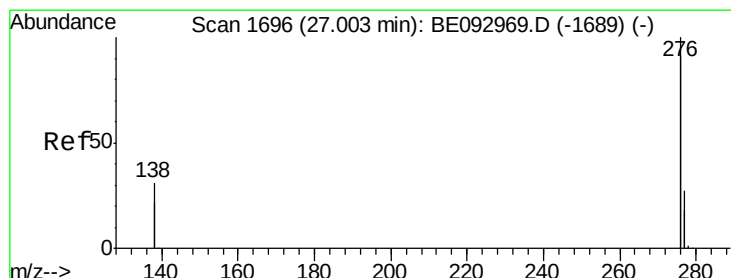
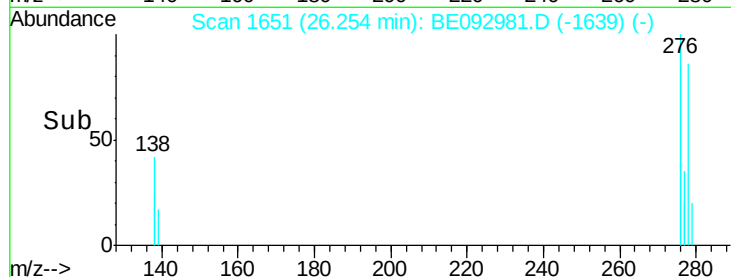
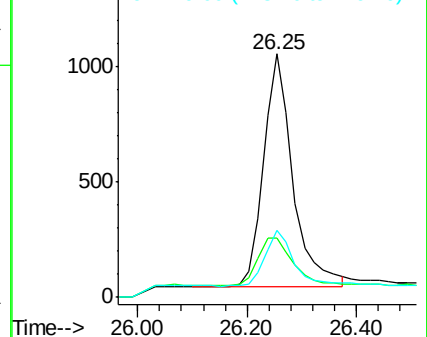
279 27.3 22.2 33.2



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



#38

Benzo(g,h,i)perylene

Concen: 0.35 ng

RT: 27.00 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BE092981.D

Acq: 10 May 2017 14:35

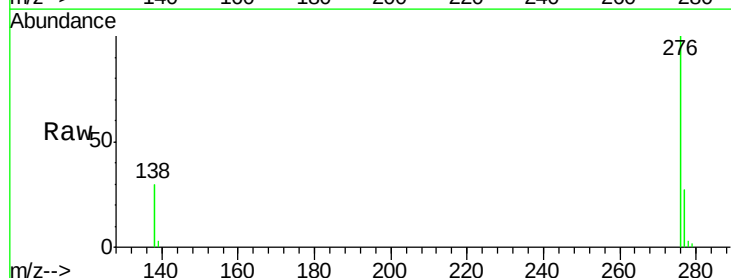
Tgt Ion: 276 Resp: 16286

Ion Ratio Lower Upper

276 100

277 27.3 21.2 31.8

138 29.6 24.5 36.7



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

