

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024092.D
 Acq On : 23 Sep 2016 18:08
 Operator : UM/SJ
 Sample : H4803-03DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

Quant Time: Sep 24 00:24:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	36278	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	166289	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	142360	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	340207	20.00	ng	0.00
75) Chrysene-d12	21.79	240	387391	20.00	ng	0.00
86) Perylene-d12	25.14	264	365179	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	54218	25.89	ng	0.00
7) Phenol-d6	7.22	99	86702	24.61	ng	0.01
23) Nitrobenzene-d5	9.23	82	66683	15.80	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	50073	24.47	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	158681	18.74	ng	0.00
78) Terphenyl-d14	20.10	244	312159	16.50	ng	0.00

Target Compounds

						Qvalue
6) Aniline	7.46	93	84278	17.03	ng	# 50
11) bis(2-Chloroethyl)ether	7.46	93	84278	28.85	ng	87
12) 1,3-Dichlorobenzene	7.93	146	91516	32.74	ng	98
13) 1,4-Dichlorobenzene	8.08	146	42198	14.79	ng	97
14) 1,2-Dichlorobenzene	8.40	146	58096	20.92	ng	95
24) Nitrobenzene	9.26	77	36676	8.11	ng	# 83
25) Isophorone	9.79	82	36577	4.25	ng	# 93
31) Naphthalene	10.92	128	35825	4.25	ng	# 93
32) Benzoic acid	10.23	122	55	2.18	ng	# 1
34) Hexachlorobutadiene	11.20	225	43193	18.36	ng	93
37) 2-Methylnaphthalene	12.54	142	93195	14.45	ng	94
40) Hexachlorocyclopentadiene	12.78	237	63	3.62	ng	# 26
48) Acenaphthylene	14.44	152	393805	31.91	ng	98
49) Dimethylphthalate	14.16	163	203611	18.64	ng	98
51) Acenaphthene	14.78	154	109206	14.59	ng	94
53) 2,4-Dinitrophenol	14.60	184	68	2.51	ng	# 10
55) 4-Nitrophenol	15.06	139	64	5.38	ng	# 1
57) Fluorene	15.77	166	354369	34.94	ng	99
59) Diethylphthalate	15.53	149	221001	18.79	ng	97
60) 4-Chlorophenyl-phenylether	15.76	204	153509	28.25	ng	98
61) 4-Nitroaniline	15.77	138	6105	2.57	ng	# 1
66) 4-Bromophenyl-phenylether	16.66	248	132857	33.67	ng	98
67) Hexachlorobenzene	16.78	284	81308	18.29	ng	92
69) Pentachlorophenol	17.20	266	56	3.59	ng	# 18
70) Phenanthrene	17.62	178	225431	13.01	ng	97
71) Anthracene	17.62	178	225431	12.66	ng	97
73) Di-n-butylphthalate	18.43	149	275947	12.72	ng	# 94
74) Fluoranthene	19.54	202	792987	35.05	ng	93
79) Butylbenzylphthalate	20.78	149	273958	27.50	ng	97
80) Benzo(a)anthracene	21.84	228	402482	18.25	ng	96
82) Chrysene	21.84	228	402482	19.42	ng	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	146643	12.32	ng	# 91
85) Indeno(1,2,3-cd)pyrene	28.95	276	308497	13.35	ng	# 100
87) Benzo(b)fluoranthene	24.07	252	336190	15.82	ng	# 96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

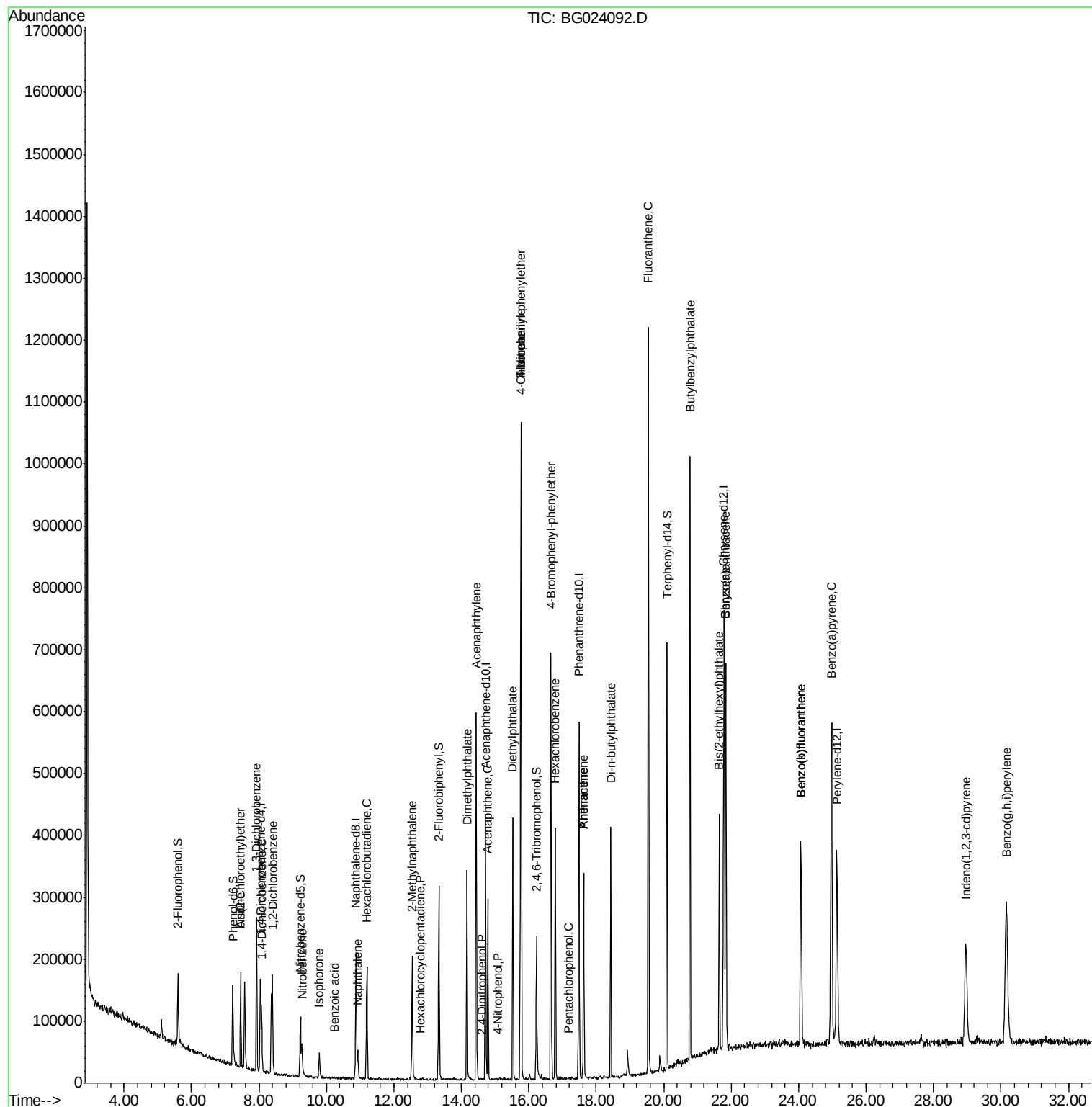
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	24.07	252	336190	15.93	ng	# 96
89) Benzo(a)pyrene	24.97	252	602818	29.35	ng	# 99
91) Benzo(g,h,i)perylene	30.17	276	509799	24.67	ng	96

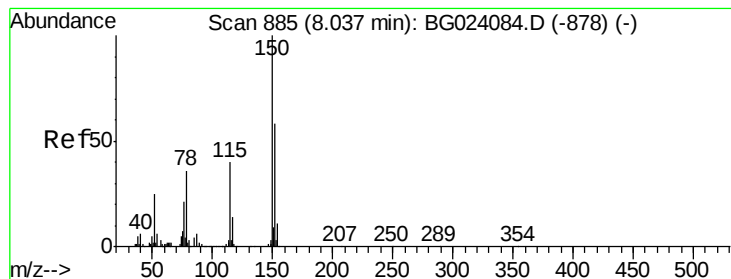
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

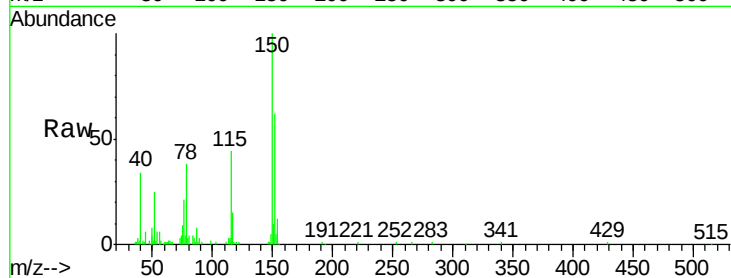
Tgt Ion:152 Resp: 36278

Ion Ratio Lower Upper

152 100

150 160.3 144.7 217.1

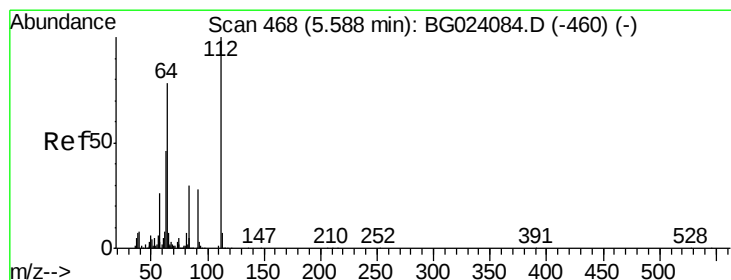
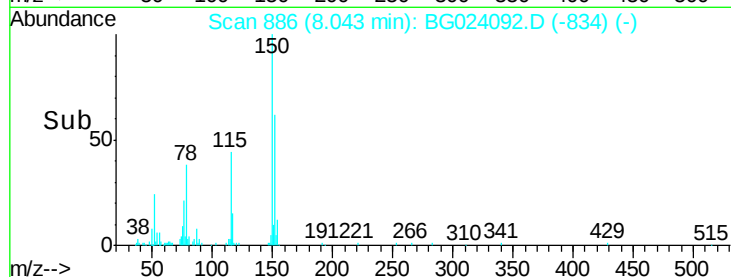
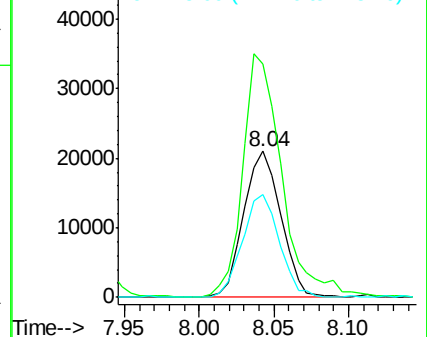
115 70.2 64.0 96.0



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



#5

2-Fluorophenol

Concen: 25.89 ng

RT: 5.59 min Scan# 469

Delta R.T. 0.01 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

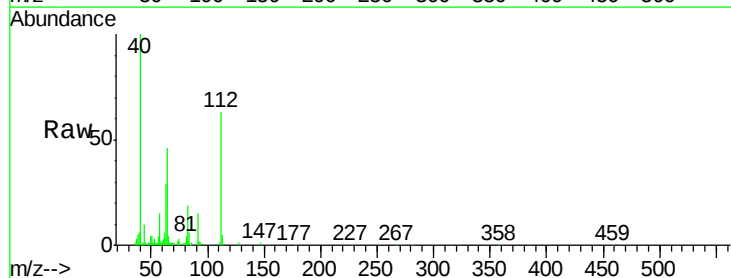
Tgt Ion:112 Resp: 54218

Ion Ratio Lower Upper

112 100

64 72.3 59.0 88.4

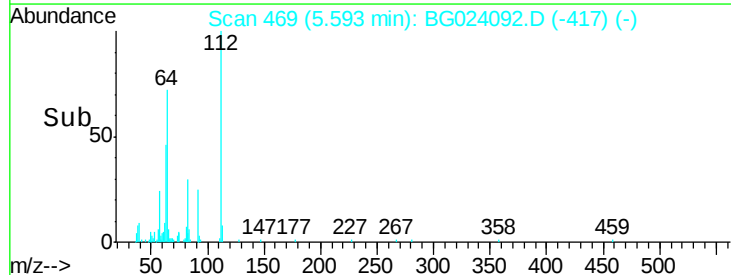
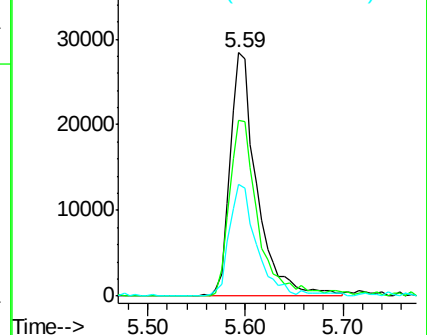
63 45.7 37.8 56.8

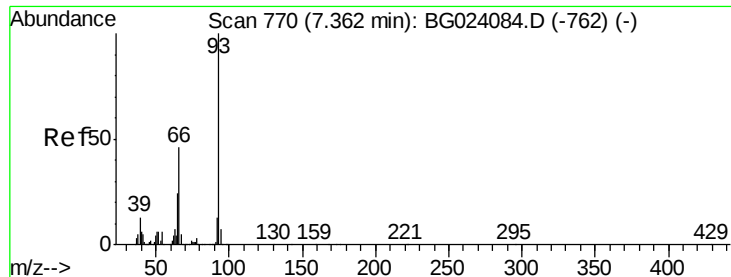


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 17.03 ng

RT: 7.46 min Scan# 786

Delta R.T. 0.09 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

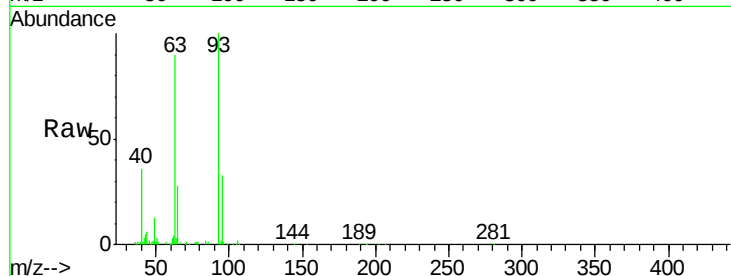
Tgt Ion: 93 Resp: 84278

Ion Ratio Lower Upper

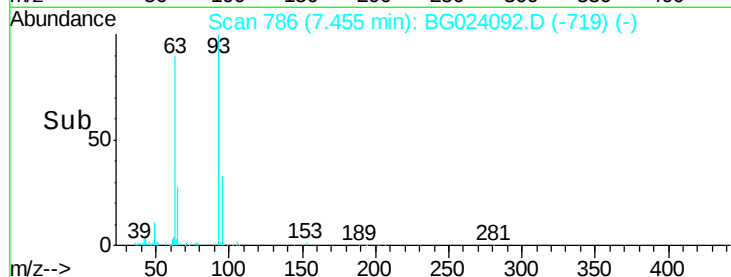
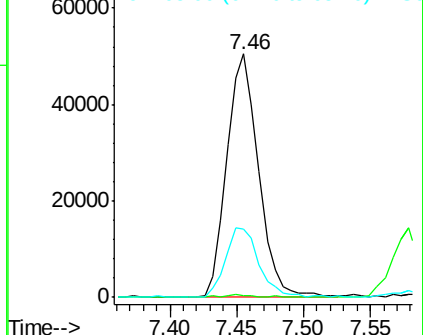
93 100

66 0.7 37.5 56.3#

65 27.8 17.9 26.9#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 24.61 ng

RT: 7.22 min Scan# 746

Delta R.T. 0.01 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

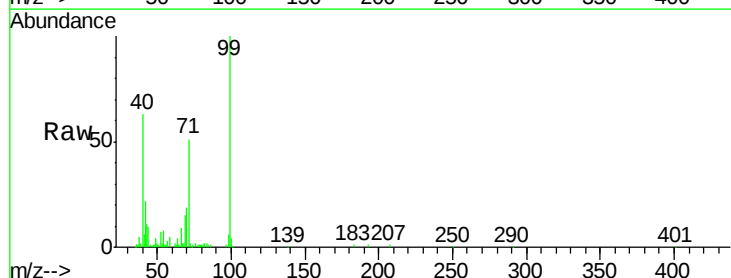
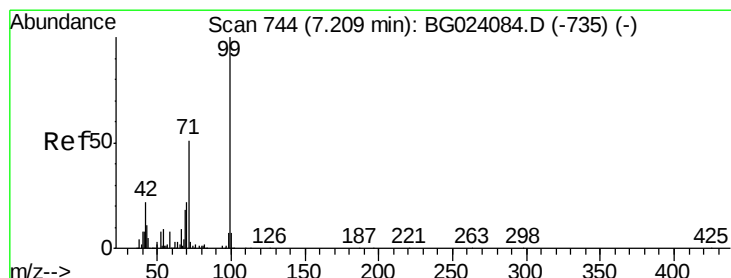
Tgt Ion: 99 Resp: 86702

Ion Ratio Lower Upper

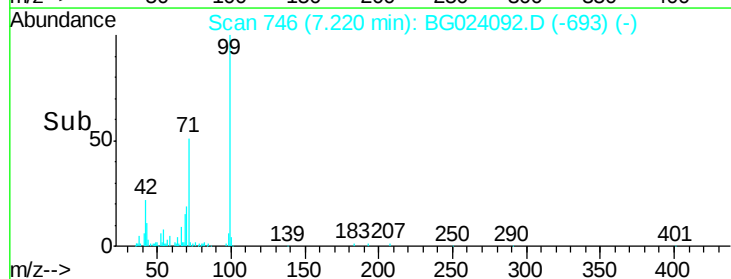
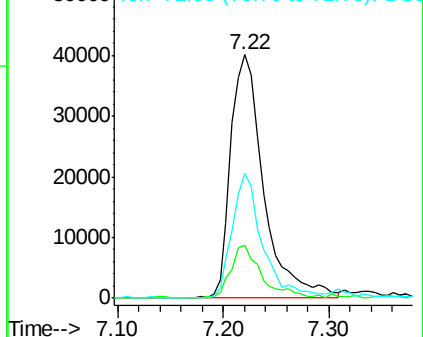
99 100

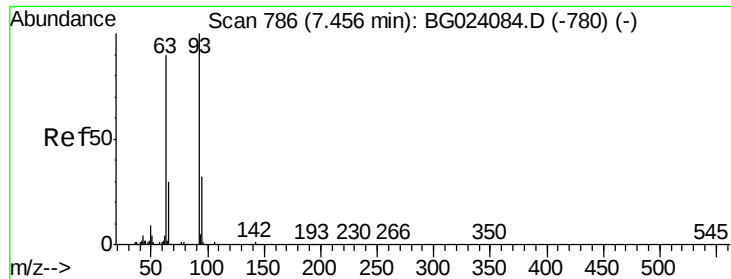
42 21.7 17.8 26.6

71 51.1 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC

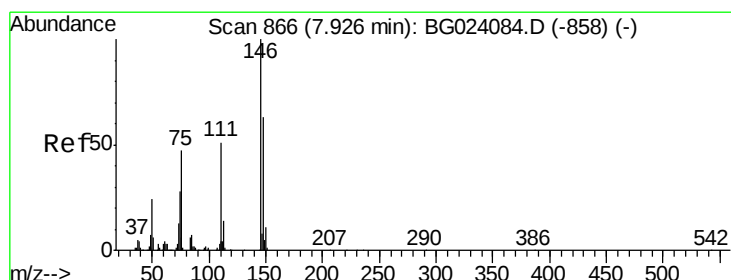
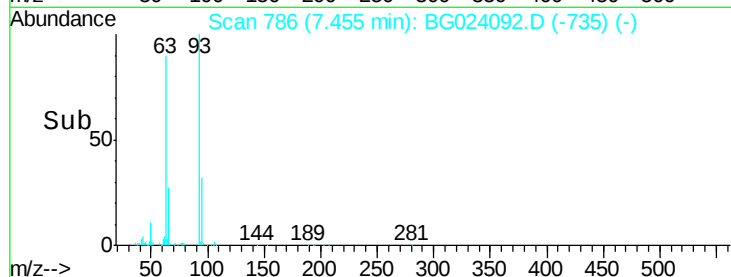
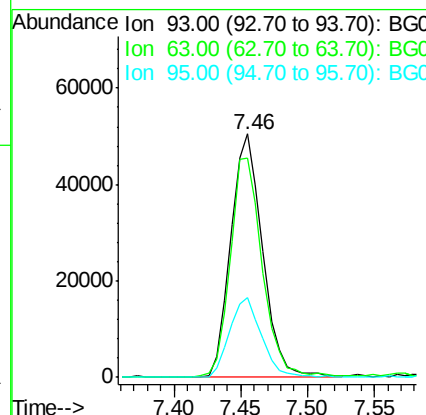
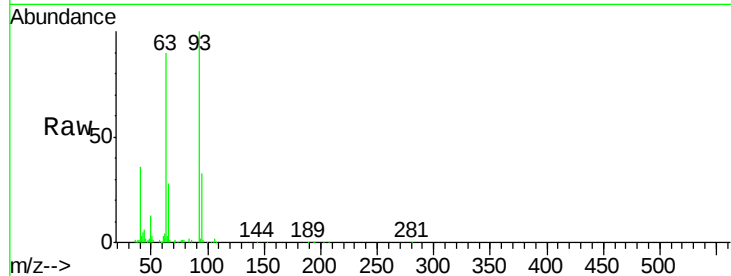




#11
bis(2-Chloroethyl)ether
Concen: 28.85 ng
RT: 7.46 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

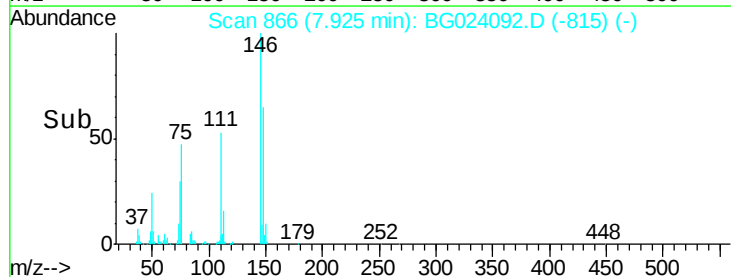
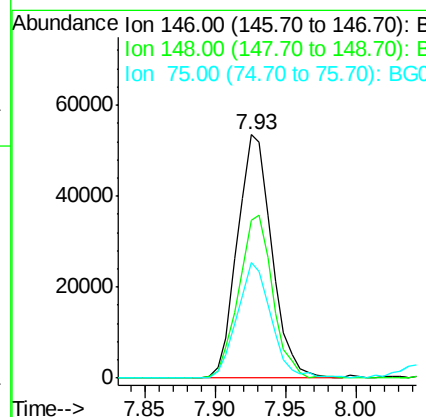
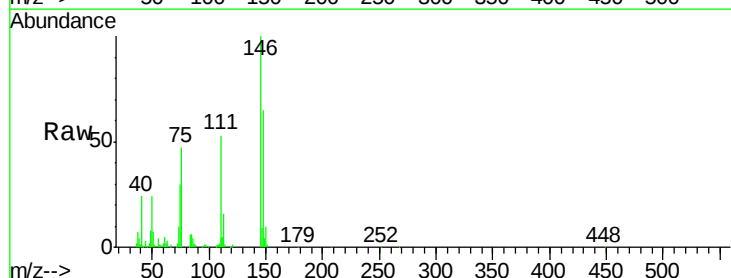
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

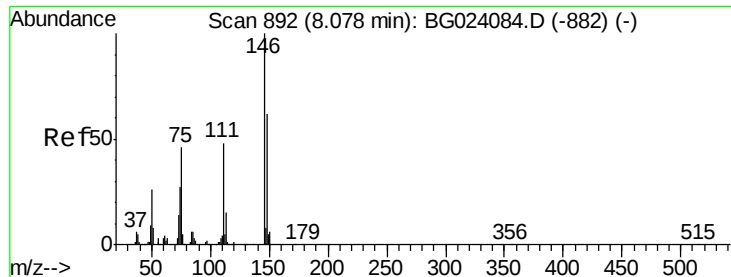
Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.9	55.0	95.0
95	32.7	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 32.74 ng
RT: 7.93 min Scan# 866
Delta R.T. -0.00 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.3	75.5
75	47.4	37.0	55.6

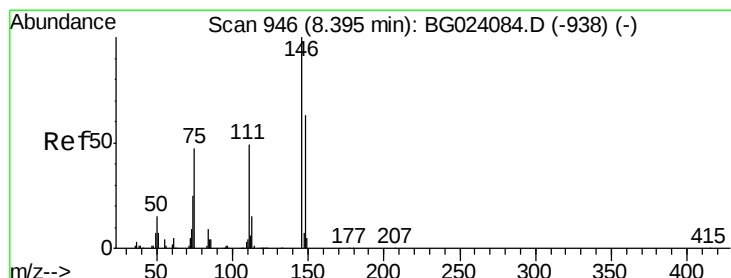
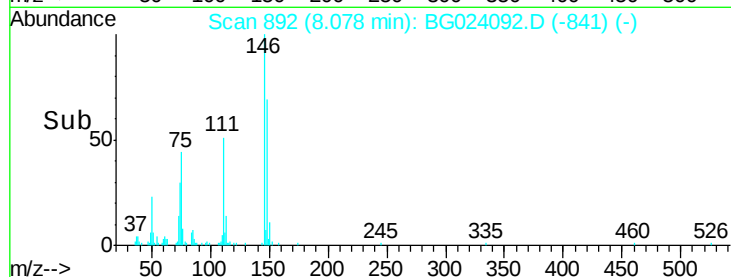
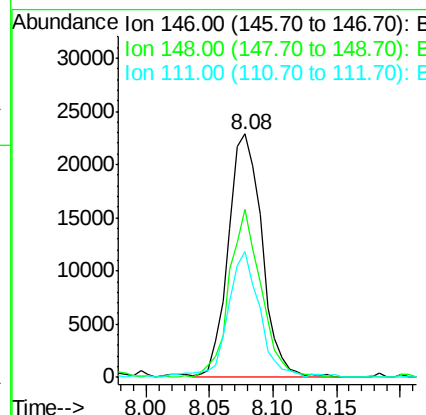
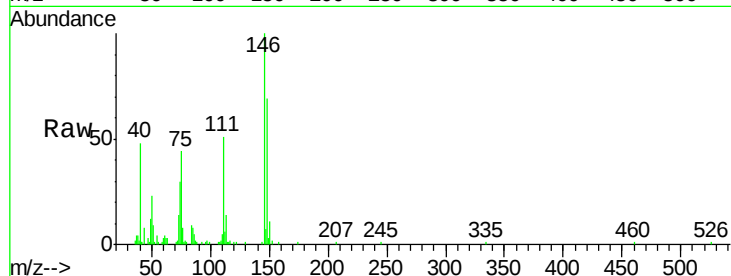




#13
 1,4-Dichlorobenzene
 Concen: 14.79 ng
 RT: 8.08 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BG024092.D
 Acq: 23 Sep 2016 18:08

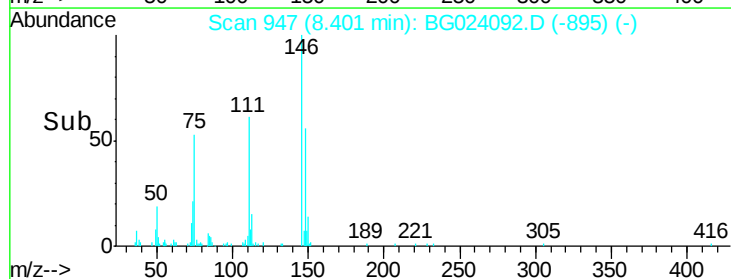
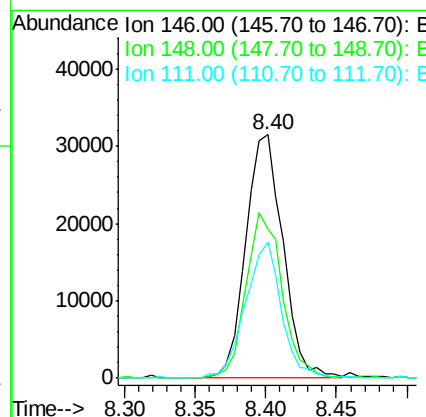
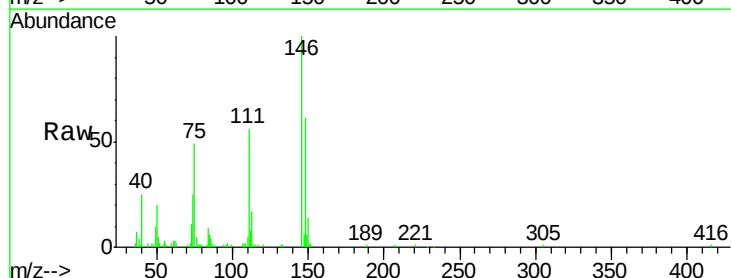
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

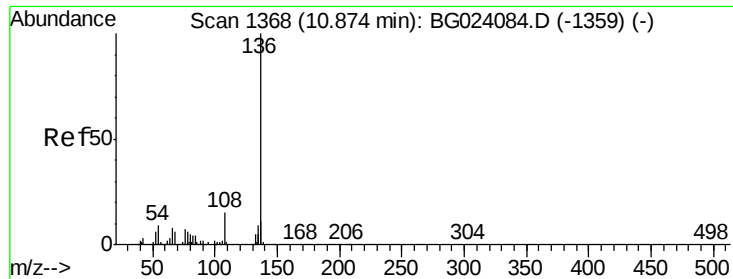
Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.9	54.5	81.7
111	51.4	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 20.92 ng
 RT: 8.40 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BG024092.D
 Acq: 23 Sep 2016 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	52.9	79.3
111	56.0	43.5	65.3

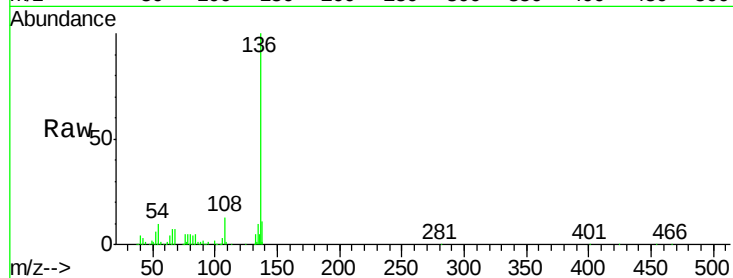




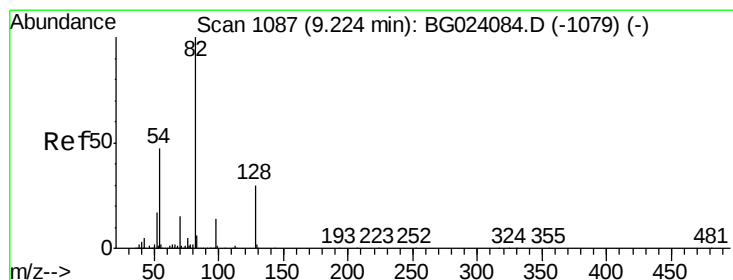
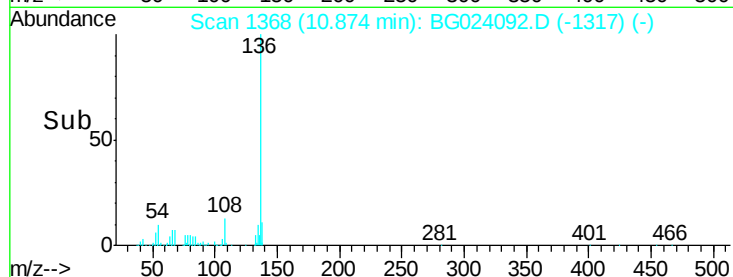
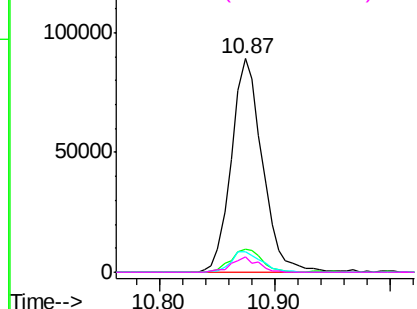
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

Tgt Ion:	136	Resp:	166289
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	9.6	7.3	10.9
68	6.9	5.3	7.9

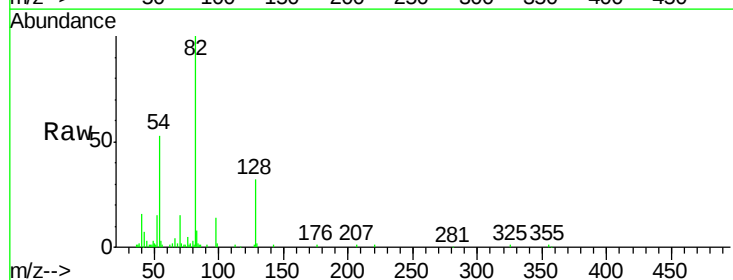


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

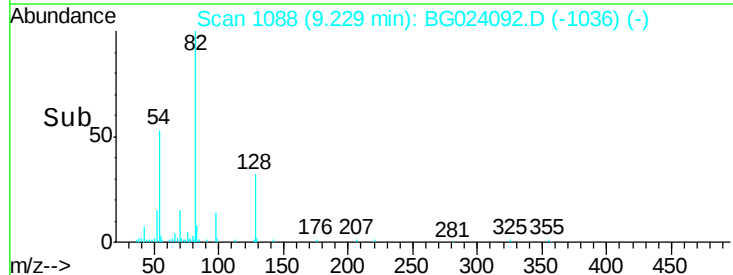
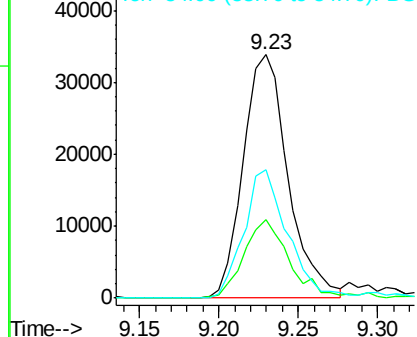


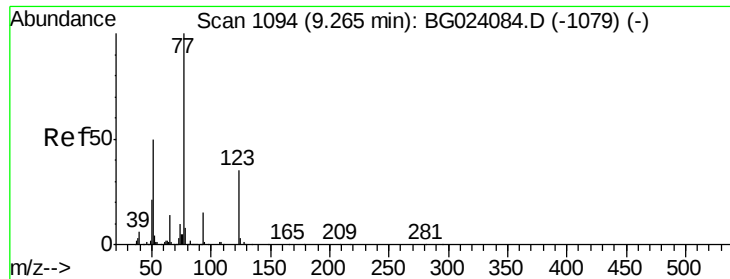
#23
Nitrobenzene-d5
Concen: 15.80 ng
RT: 9.23 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

Tgt Ion:	82	Resp:	66683
Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.4	36.6
54	52.5	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

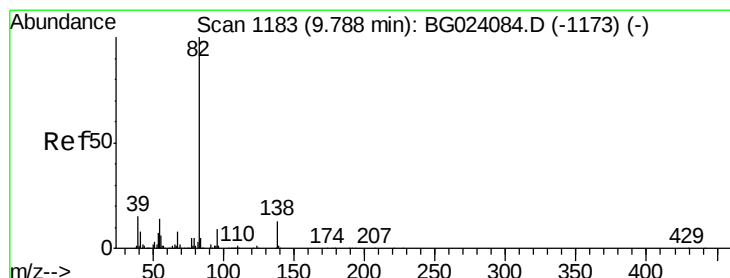
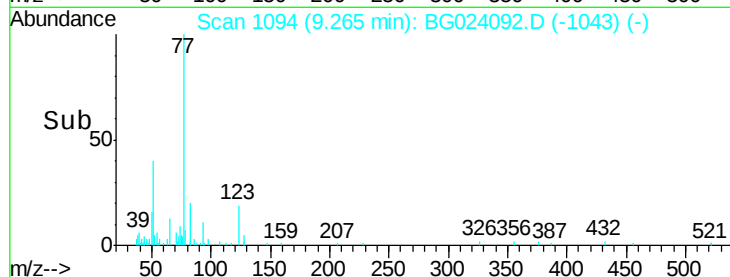
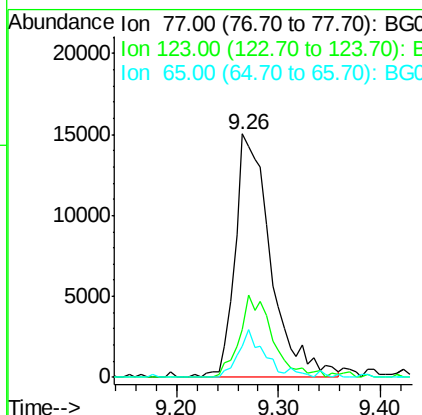
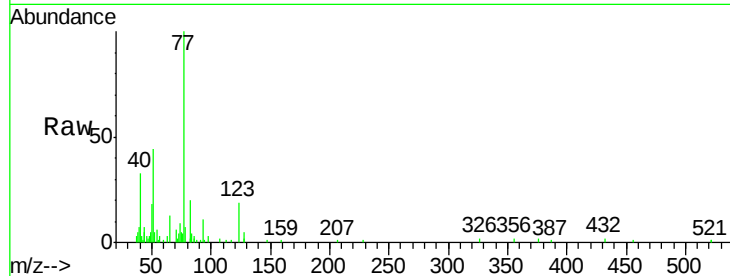




#24
 Nitrobenzene
 Concen: 8.11 ng
 RT: 9.26 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: BG024092.D
 Acq: 23 Sep 2016 18:08

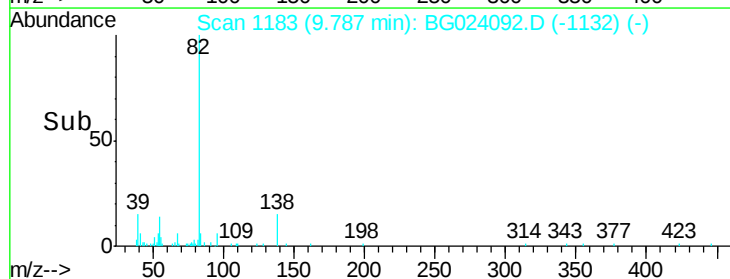
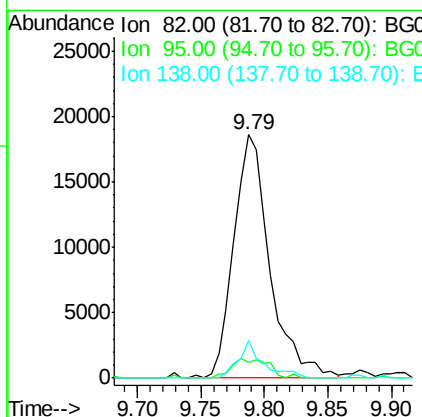
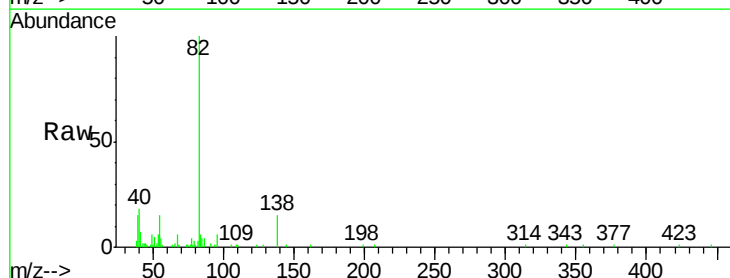
Instrument :
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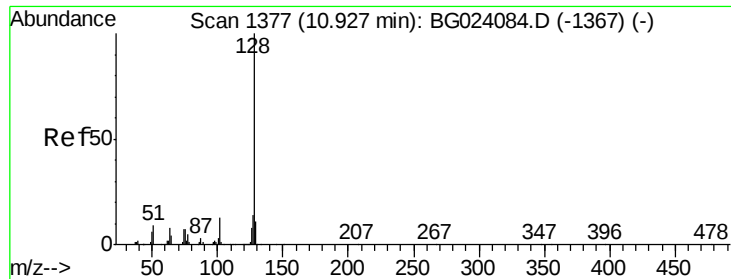
Tgt Ion	Ratio	Lower	Upper
77	100		
123	19.5	25.0	37.6#
65	12.6	13.4	20.0#



#25
 Isophorone
 Concen: 4.25 ng
 RT: 9.79 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BG024092.D
 Acq: 23 Sep 2016 18:08

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.3	8.2	12.2#
138	15.4	10.7	16.1

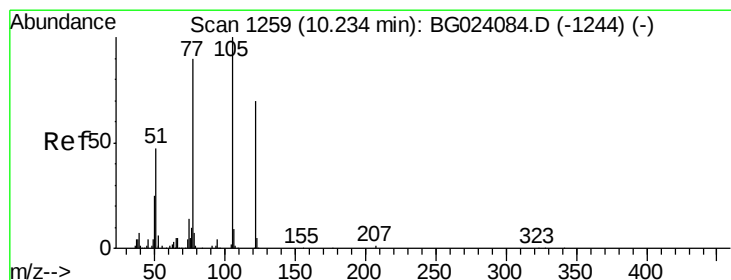
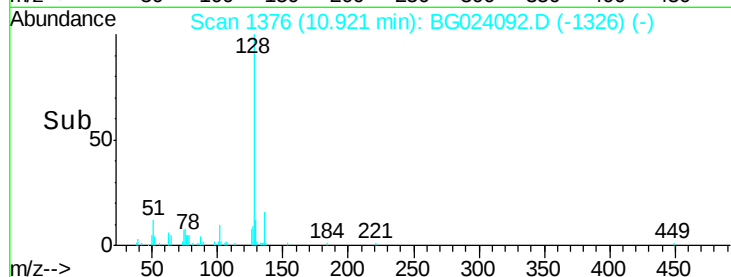
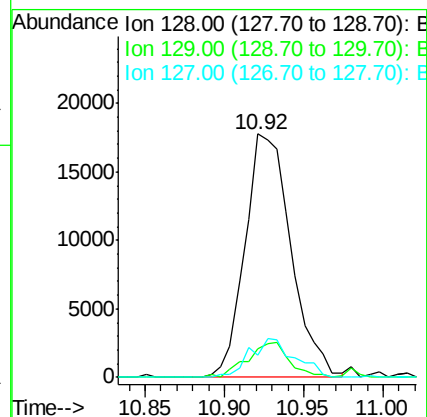
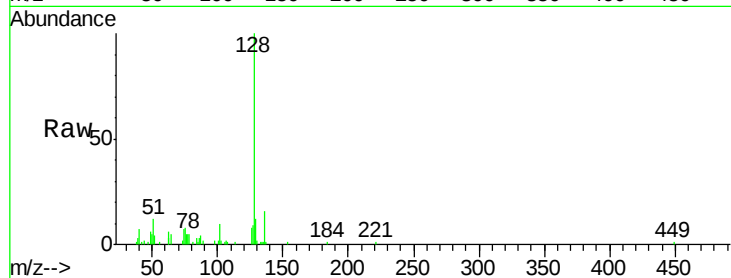




#31
Naphthalene
Concen: 4.25 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

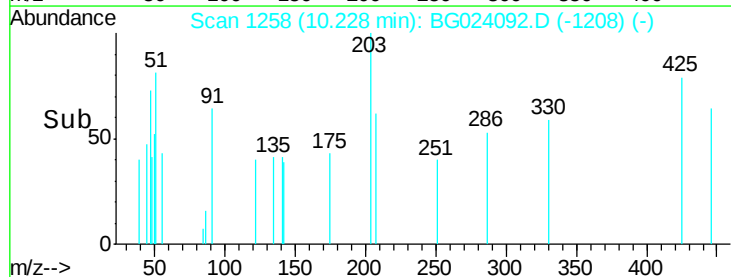
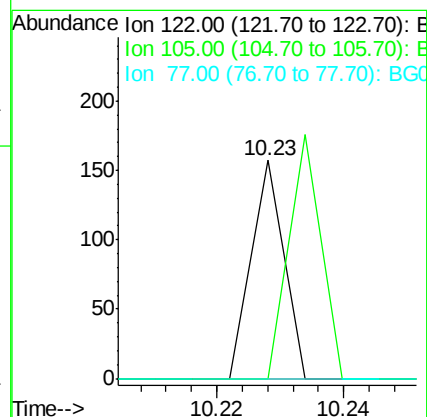
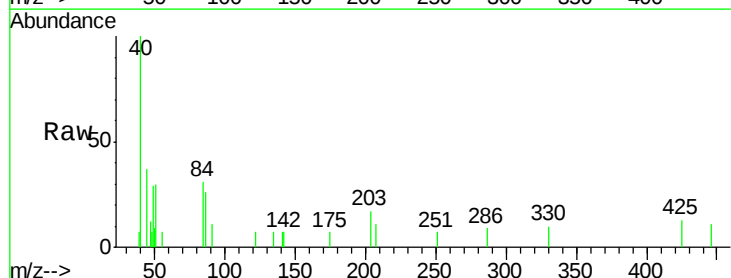
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

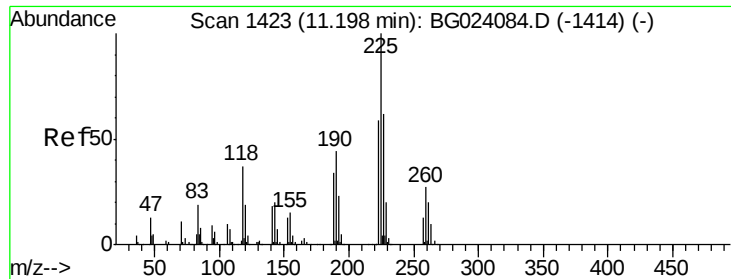
Tgt Ion:128 Resp: 35825
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 9.1 11.3 16.9#



#32
Benzoic acid
Concen: 2.18 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#





#34

Hexachlorobutadiene

Concen: 18.36 ng

RT: 11.20 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

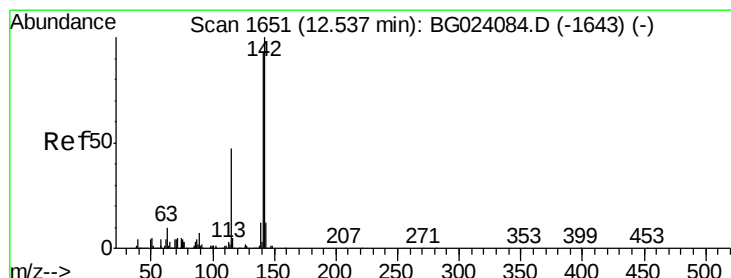
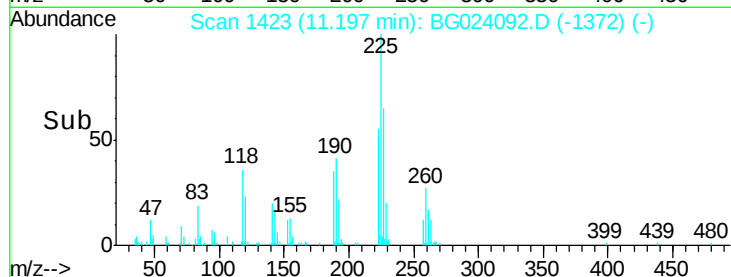
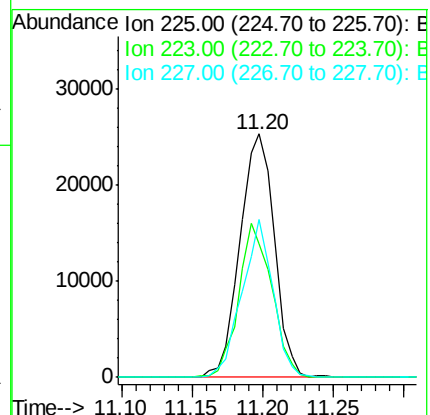
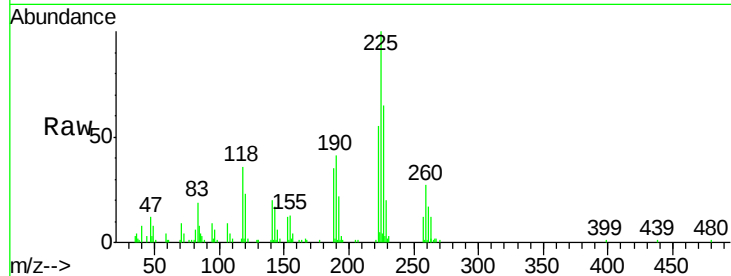
Tgt Ion:225 Resp: 43193

Ion Ratio Lower Upper

225 100

223 54.7 49.6 74.4

227 64.7 54.5 81.7



#37

2-Methylnaphthalene

Concen: 14.45 ng

RT: 12.54 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

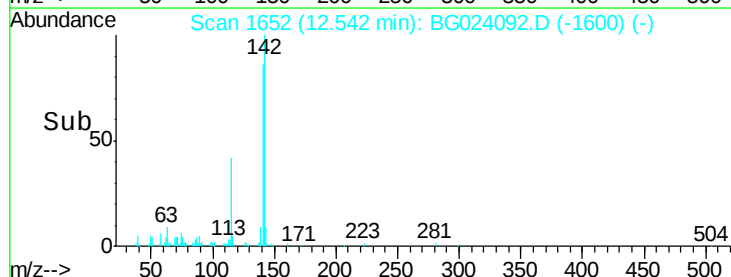
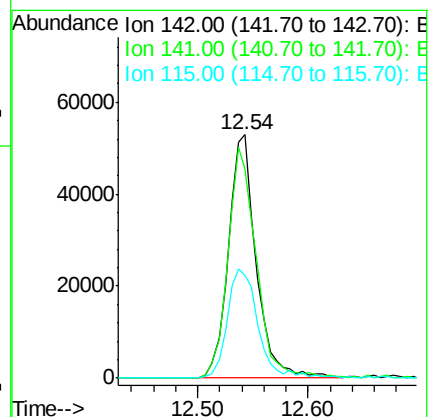
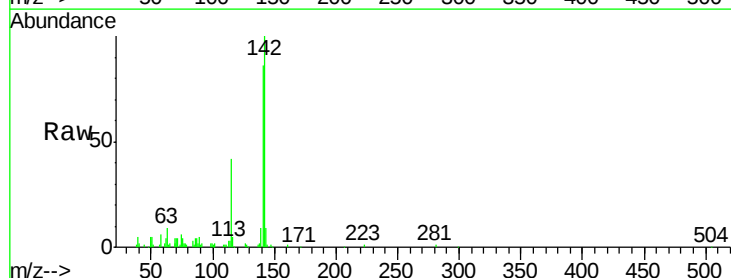
Tgt Ion:142 Resp: 93195

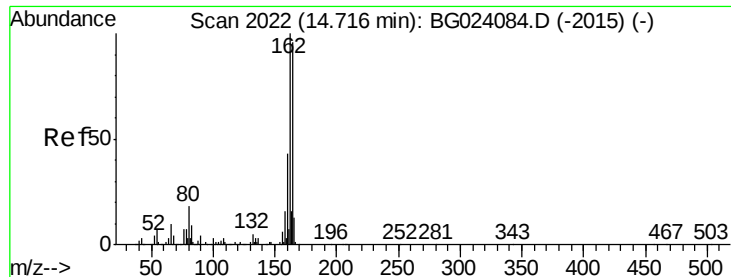
Ion Ratio Lower Upper

142 100

141 85.8 70.2 105.2

115 42.5 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

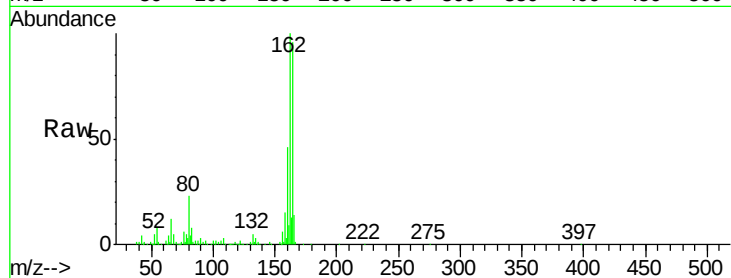
Tgt Ion:164 Resp: 142360

Ion Ratio Lower Upper

164 100

162 103.8 87.7 131.5

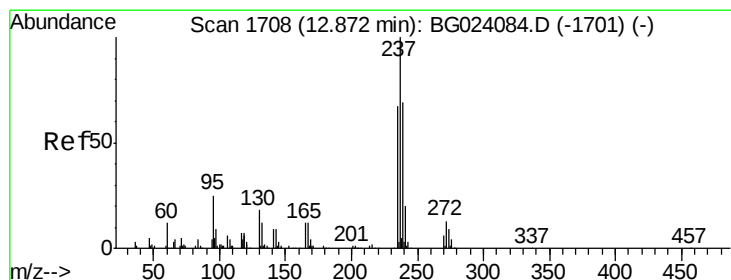
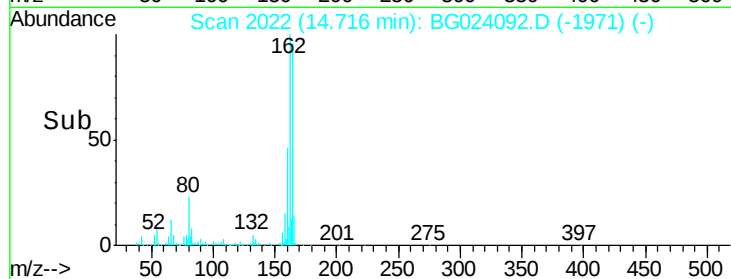
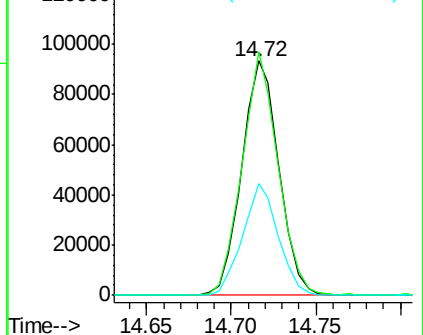
160 47.7 37.2 55.8



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



#40

Hexachlorocyclopentadiene

Concen: 3.62 ng

RT: 12.78 min Scan# 1692

Delta R.T. -0.09 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

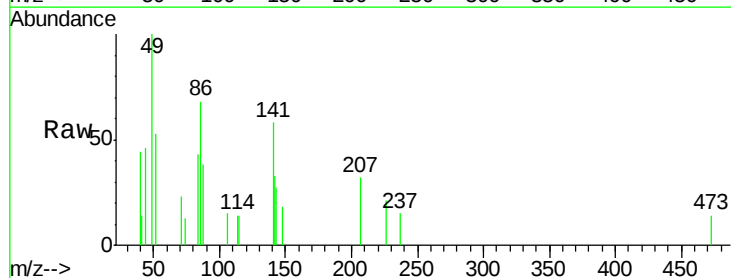
Tgt Ion:237 Resp: 63

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

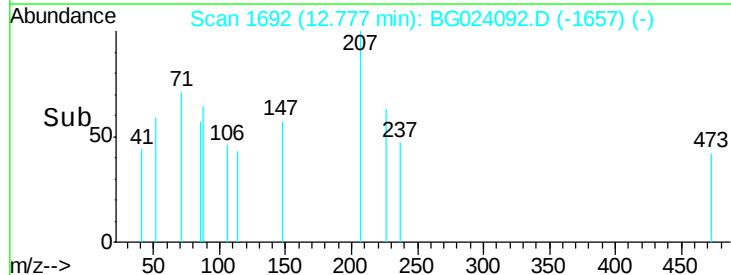
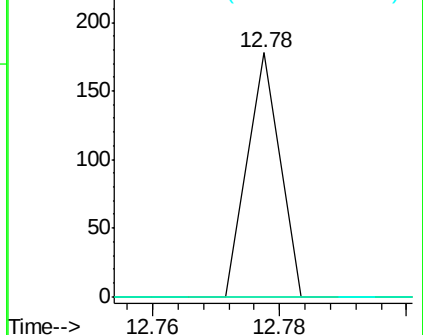
272 0.0 0.0 30.9

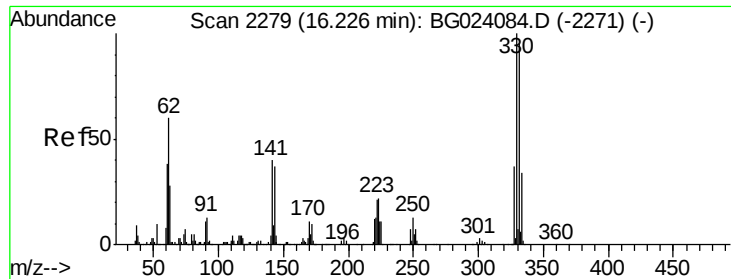


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

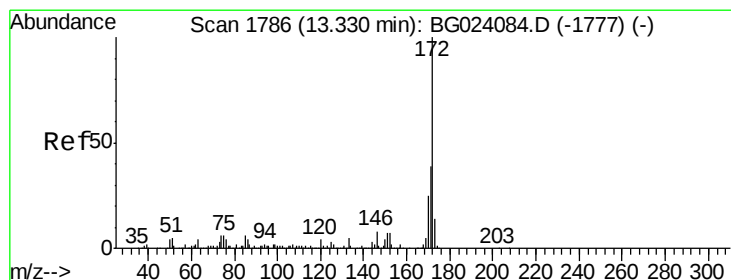
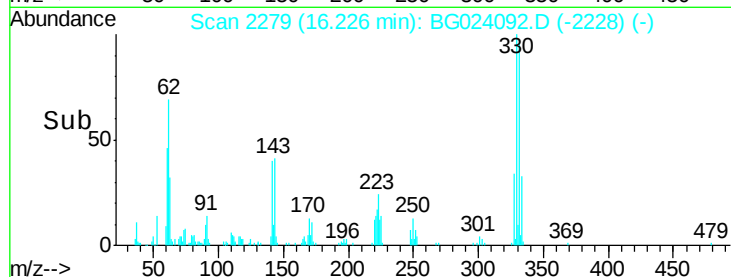
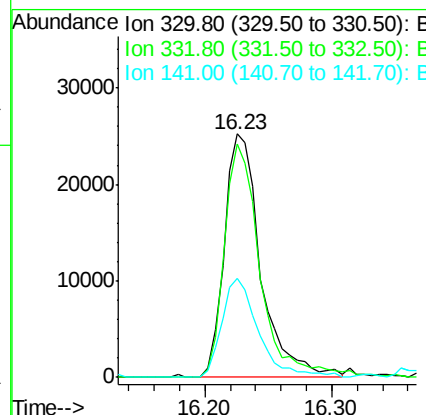
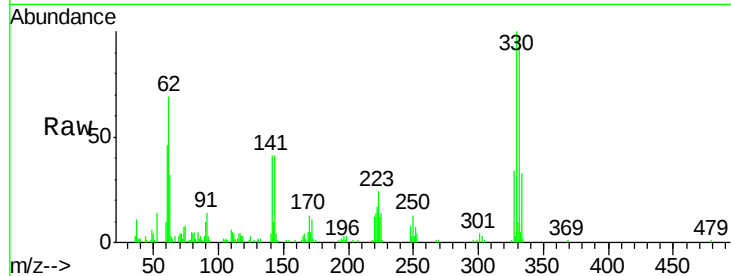




#41
 2,4,6-Tribromophenol
 Concen: 24.47 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BG024092.D
 Acq: 23 Sep 2016 18:08

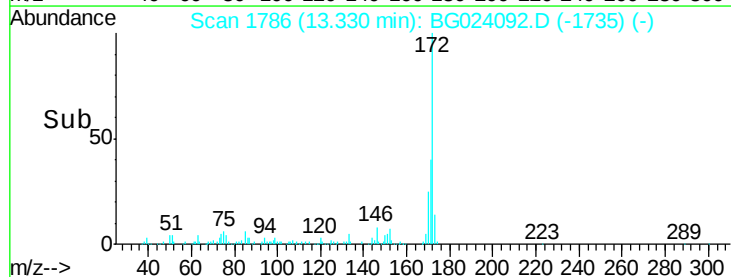
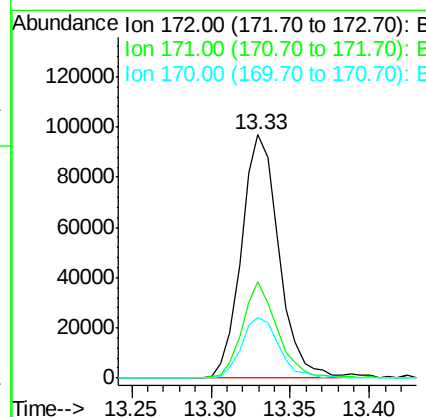
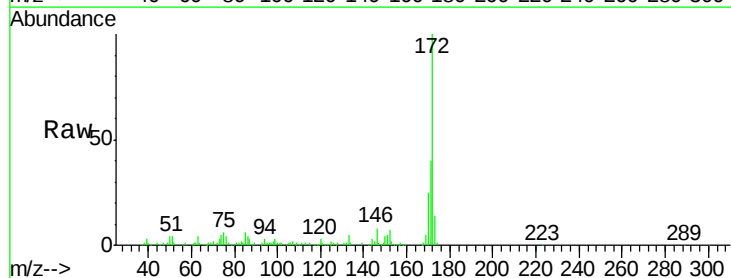
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

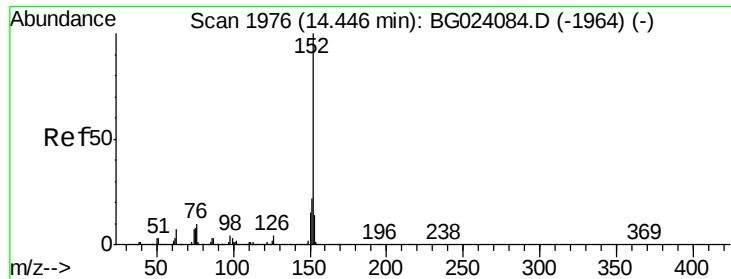
Tgt Ion:330 Resp: 50073
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 40.9 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 18.74 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG024092.D
 Acq: 23 Sep 2016 18:08

Tgt Ion:172 Resp: 158681
 Ion Ratio Lower Upper
 172 100
 171 39.5 31.6 47.4
 170 24.8 21.3 31.9





#48

Acenaphthylene

Concen: 31.91 ng

RT: 14.44 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

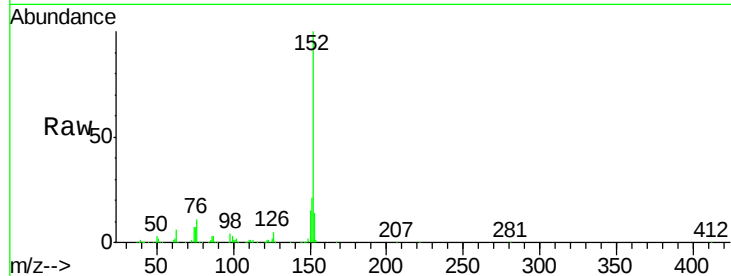
Tgt Ion:152 Resp: 393805

Ion Ratio Lower Upper

152 100

151 20.7 17.6 26.4

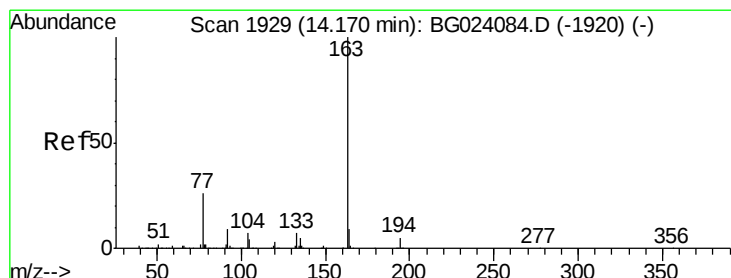
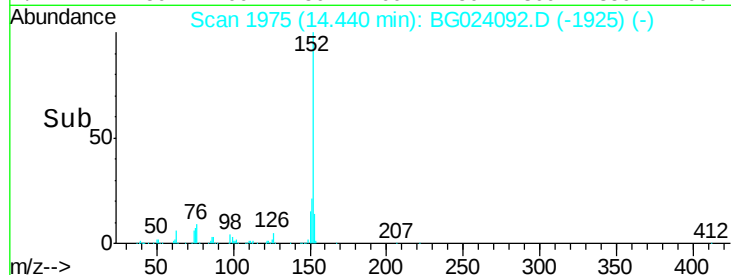
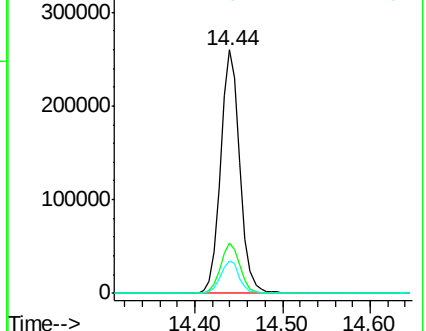
153 13.6 11.4 17.2



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



#49

Dimethylphthalate

Concen: 18.64 ng

RT: 14.16 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

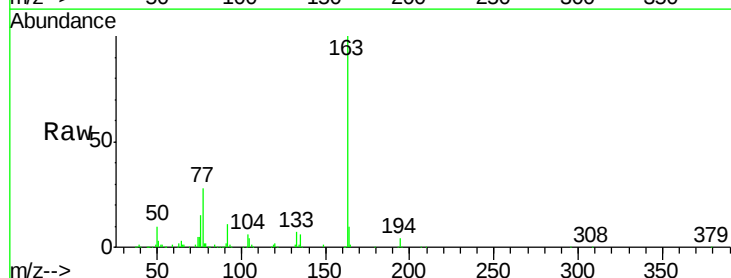
Tgt Ion:163 Resp: 203611

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

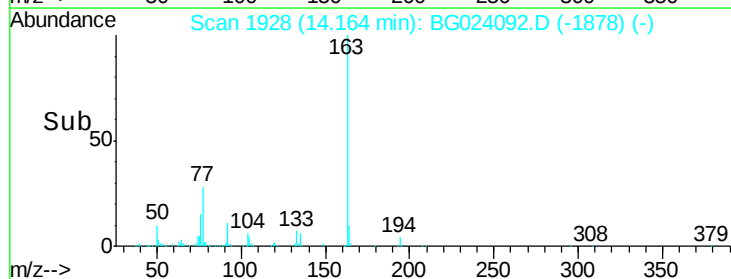
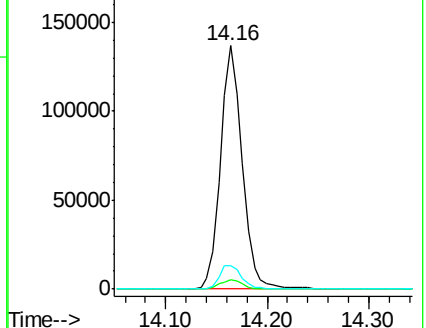
164 9.5 8.1 12.1

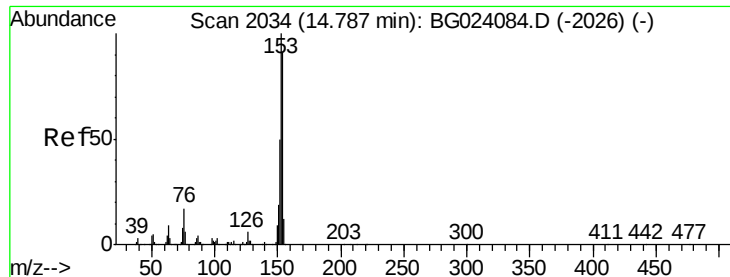


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 14.59 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

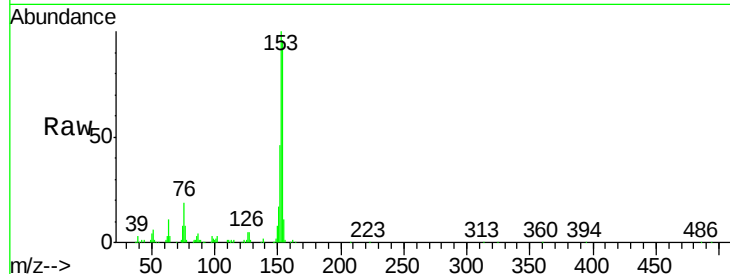
Tgt Ion:154 Resp: 109206

Ion Ratio Lower Upper

154 100

153 104.6 87.5 131.3

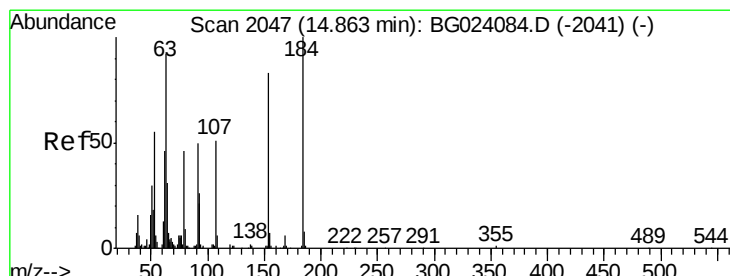
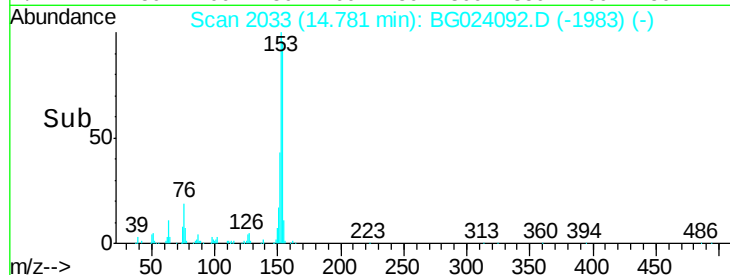
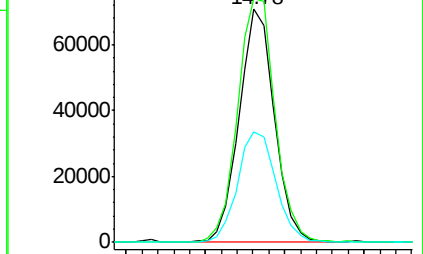
152 47.6 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 2.51 ng

RT: 14.60 min Scan# 2003

Delta R.T. -0.26 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

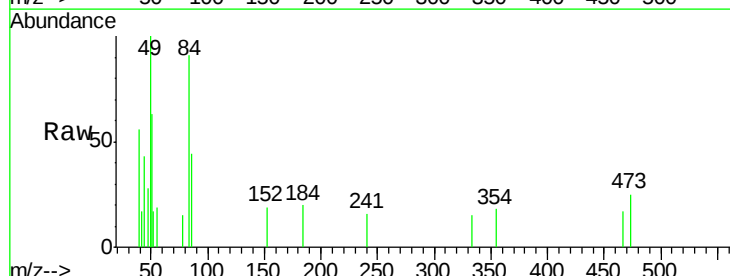
Tgt Ion:184 Resp: 68

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

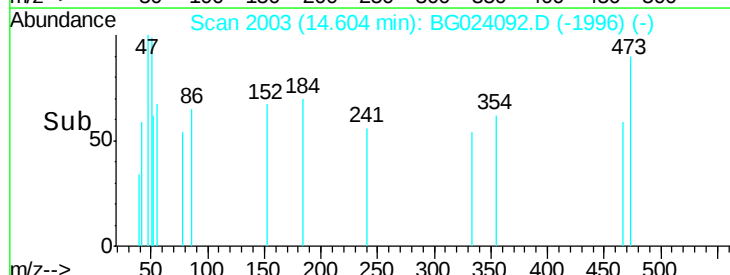
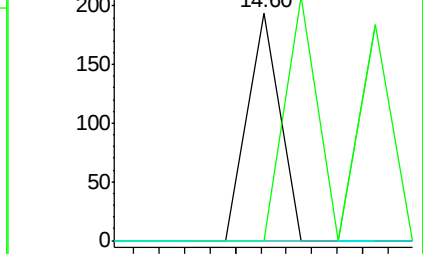
154 0.0 67.4 101.0#

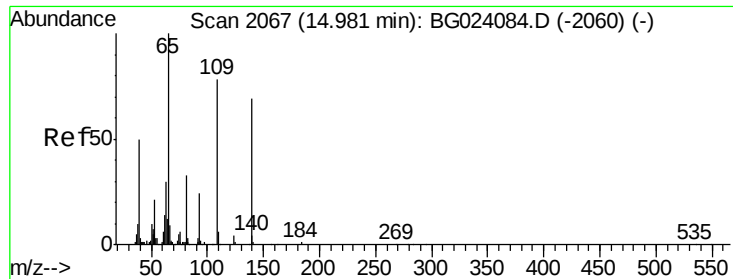


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

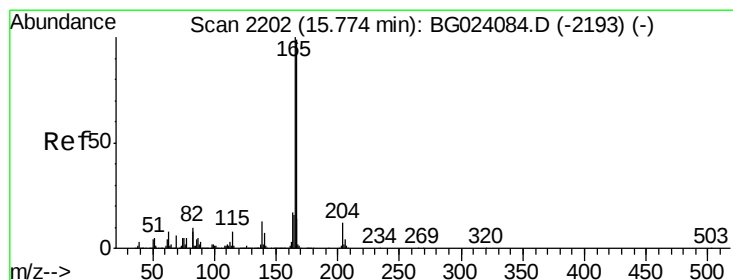
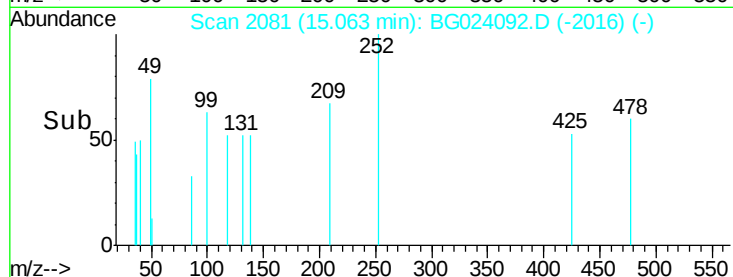
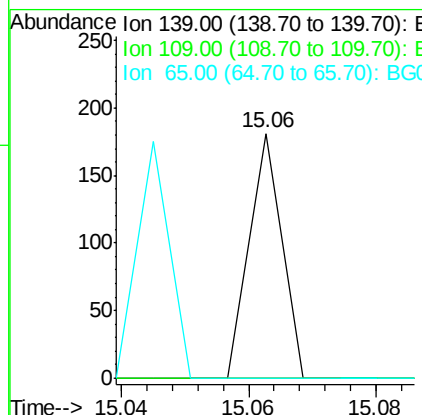
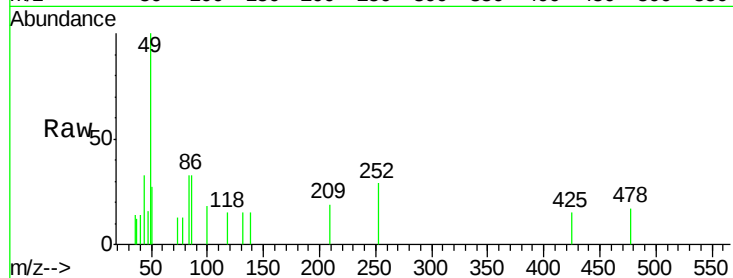




#55
4-Nitrophenol
Concen: 5.38 ng
RT: 15.06 min Scan# 2081
Delta R.T. 0.08 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

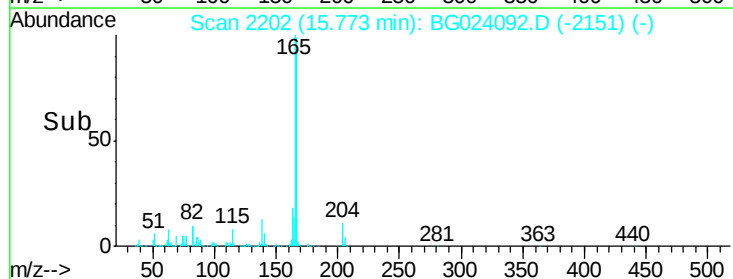
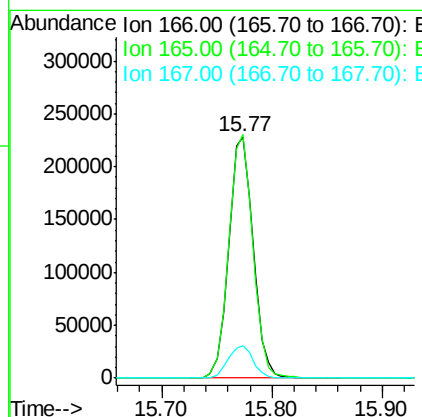
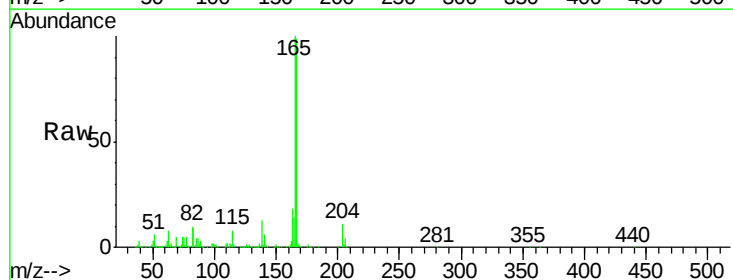
Instrument :
BNA_G
ClientSampleID :
PT-BN-WPDL

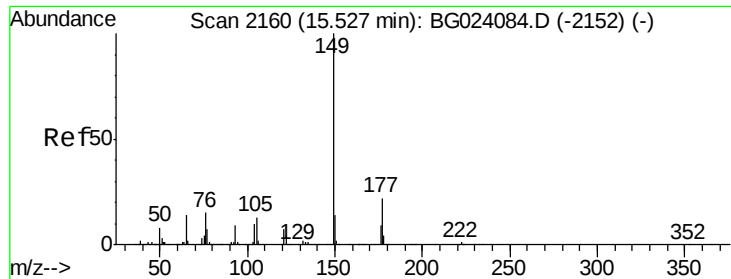
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	103.0	143.0#
65	0.0	112.7	152.7#



#57
Fluorene
Concen: 34.94 ng
RT: 15.77 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	81.0	121.6
167	13.7	12.0	18.0

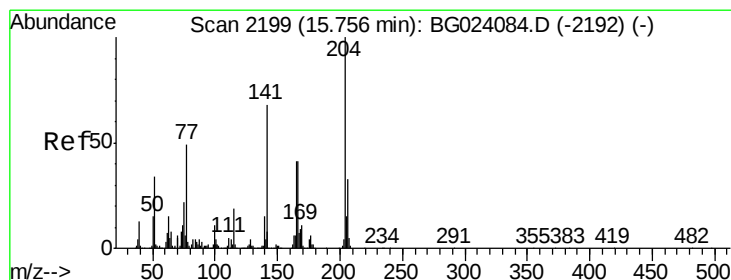
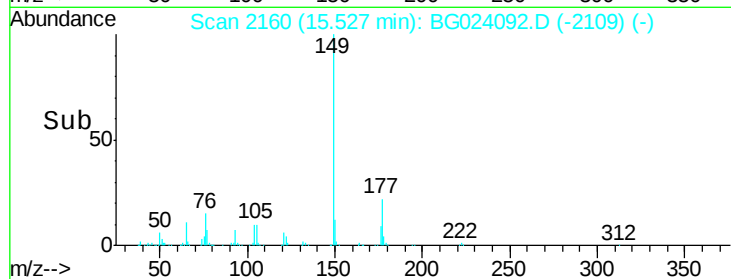
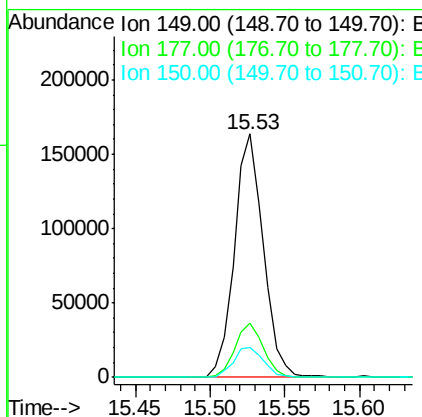
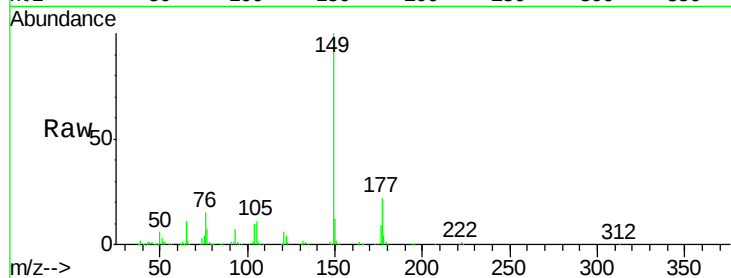




#59
Diethylphthalate
Concen: 18.79 ng
RT: 15.53 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

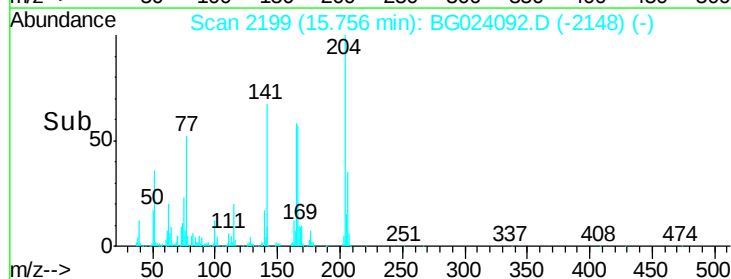
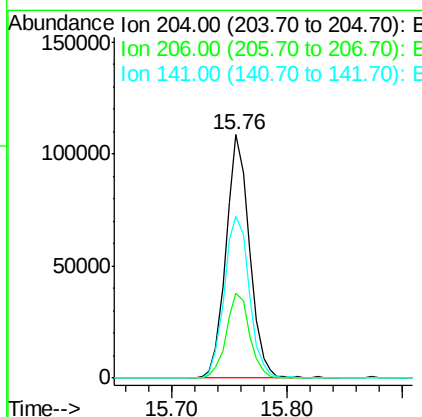
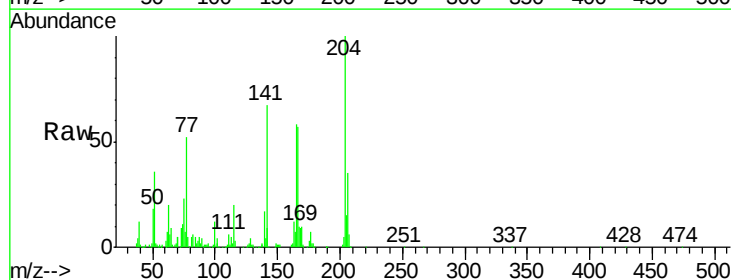
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

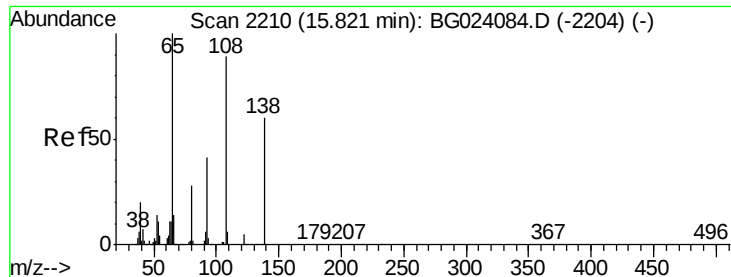
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	19.2	28.8
150	12.3	10.6	16.0



#60
4-Chlorophenyl-phenylether
Concen: 28.25 ng
RT: 15.76 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.5	42.7
141	66.6	51.4	77.0

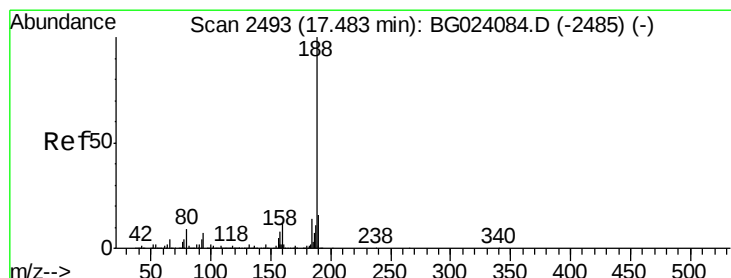
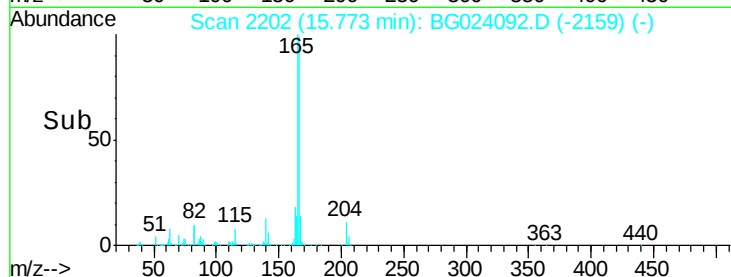
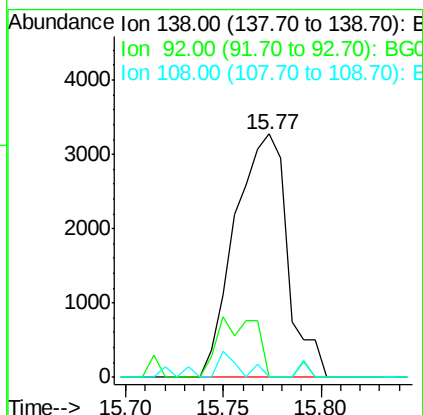
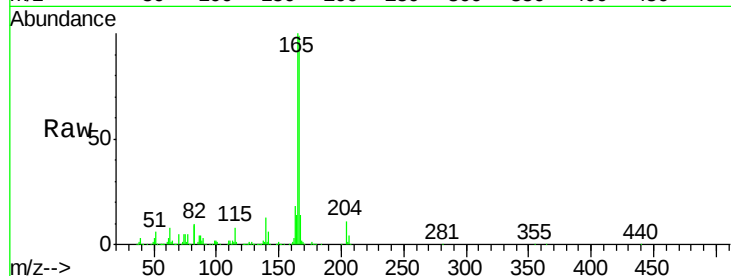




#61
4-Nitroaniline
Concen: 2.57 ng
RT: 15.77 min Scan# 2202
Delta R.T. -0.05 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

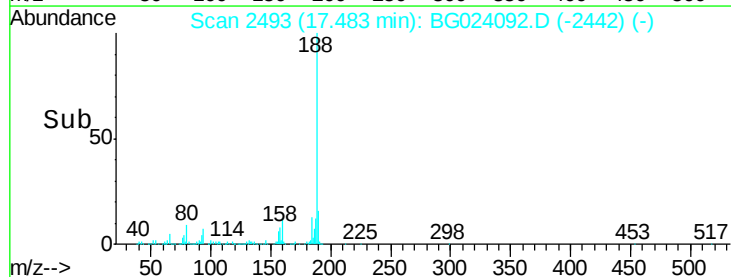
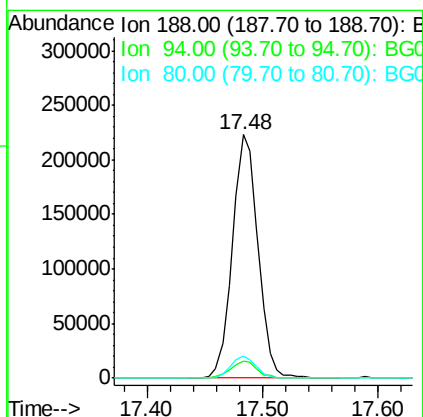
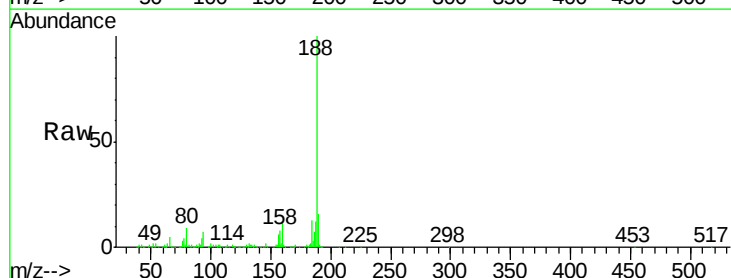
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

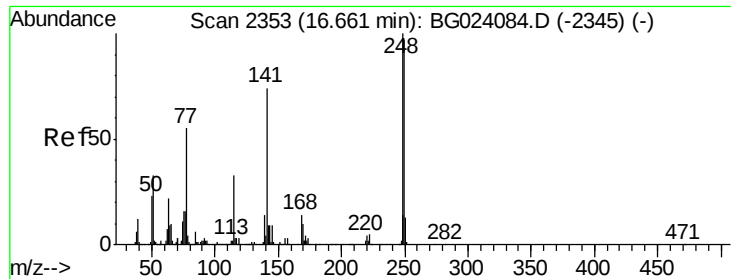
Tgt Ion:138 Resp: 6105
Ion Ratio Lower Upper
138 100
92 0.0 54.1 94.1#
108 0.0 133.9 173.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

Tgt Ion:188 Resp: 340207
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 8.9 7.2 10.8

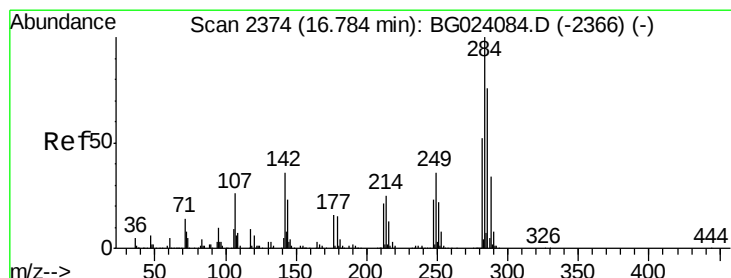
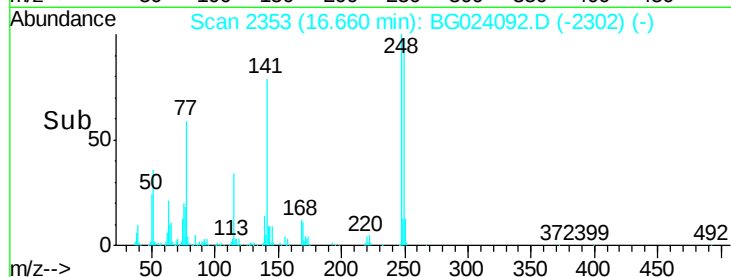
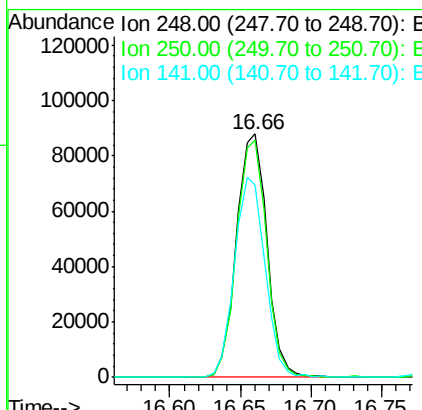
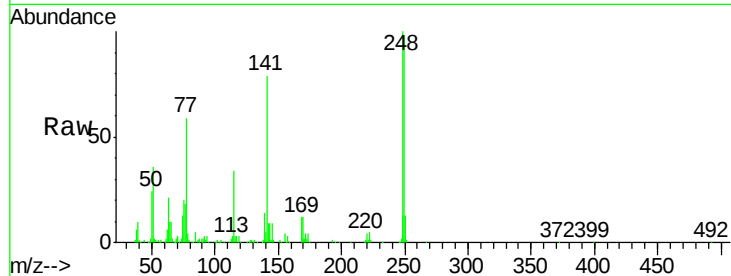




#66
4-Bromophenyl-phenylether
Concen: 33.67 ng
RT: 16.66 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

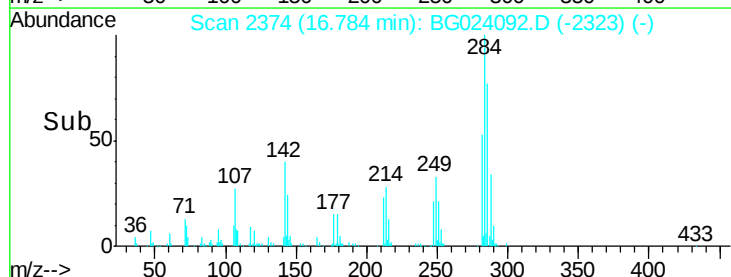
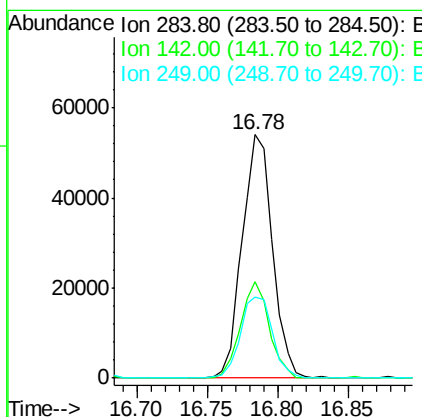
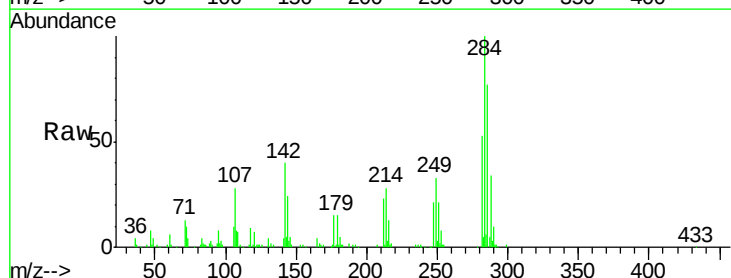
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

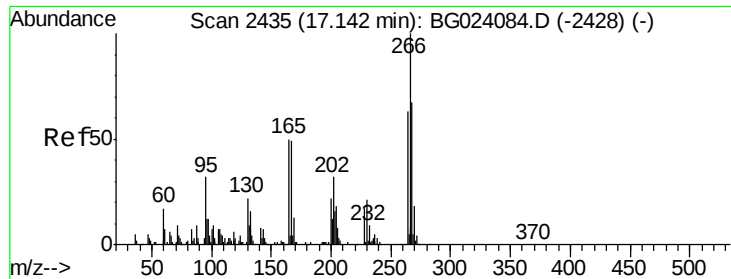
Tgt Ion:248 Resp: 132857
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.8
141 79.0 65.7 98.5



#67
Hexachlorobenzene
Concen: 18.29 ng
RT: 16.78 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

Tgt Ion:284 Resp: 81308
Ion Ratio Lower Upper
284 100
142 39.7 26.8 40.2
249 33.4 28.9 43.3





#69

Pentachlorophenol

Concen: 3.59 ng

RT: 17.20 min Scan# 2445

Delta R.T. 0.06 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

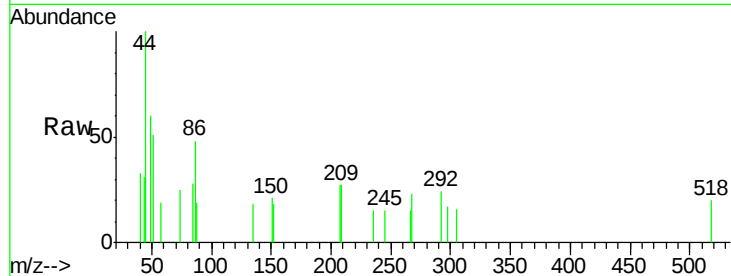
Tgt Ion:266 Resp: 56

Ion Ratio Lower Upper

266 100

268 0.0 51.9 77.9#

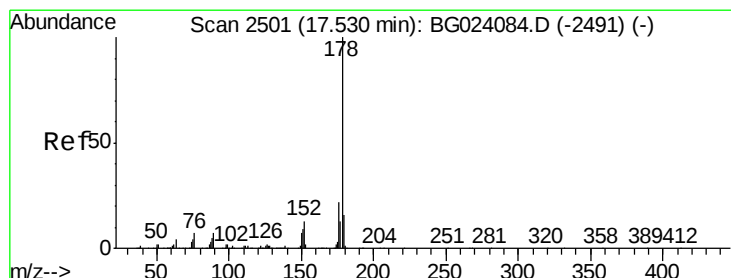
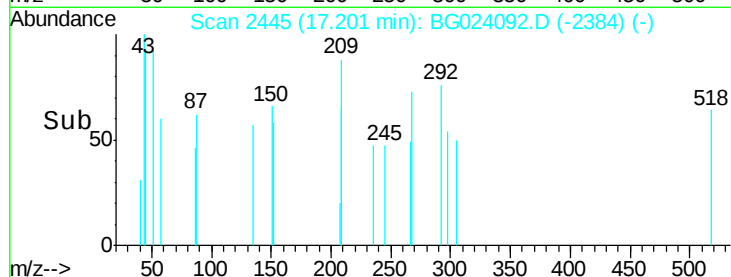
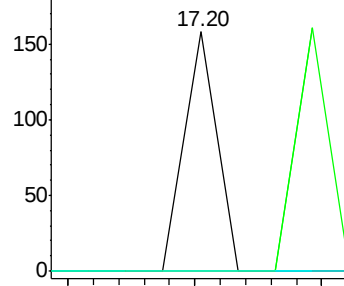
264 0.0 50.6 75.8#



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



#70

Phenanthrene

Concen: 13.01 ng

RT: 17.62 min Scan# 2517

Delta R.T. 0.09 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

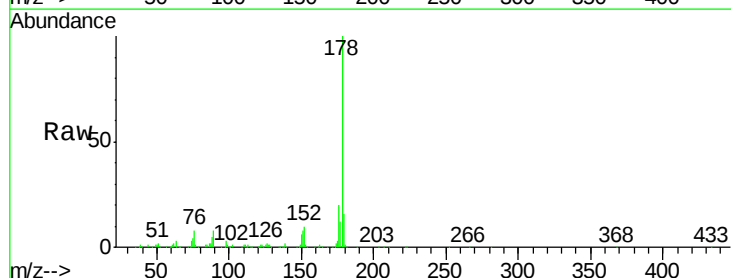
Tgt Ion:178 Resp: 225431

Ion Ratio Lower Upper

178 100

176 20.2 16.8 25.2

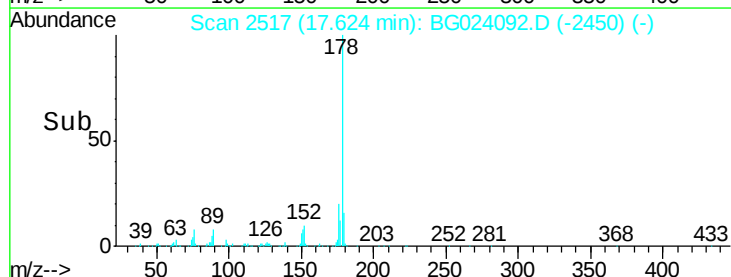
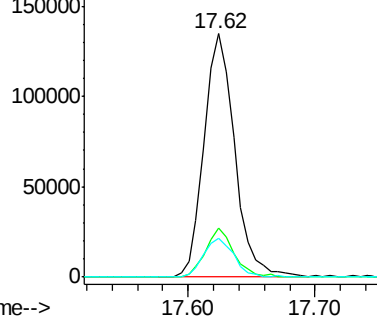
179 15.9 14.3 21.5

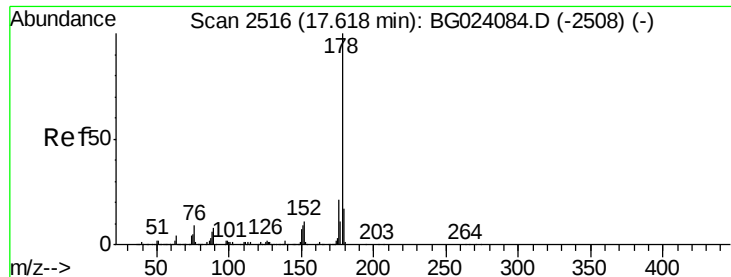


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

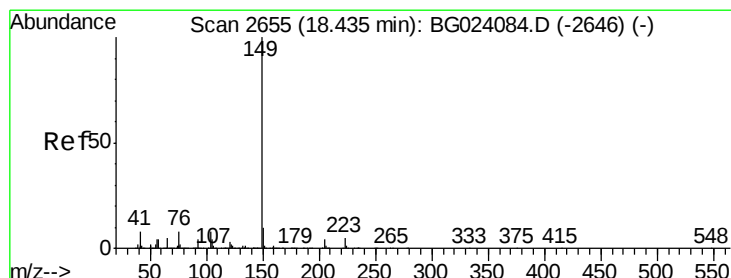
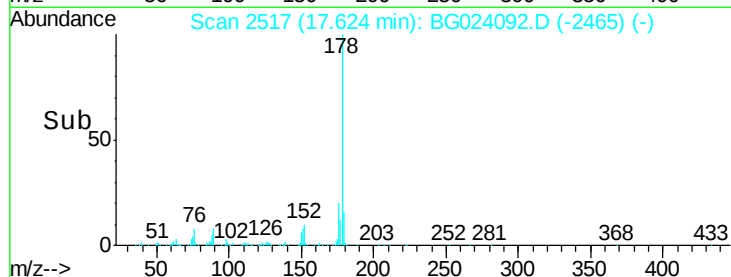
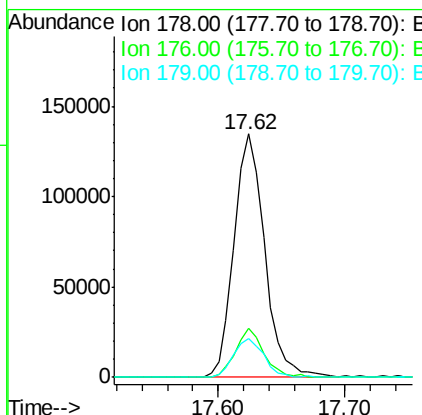
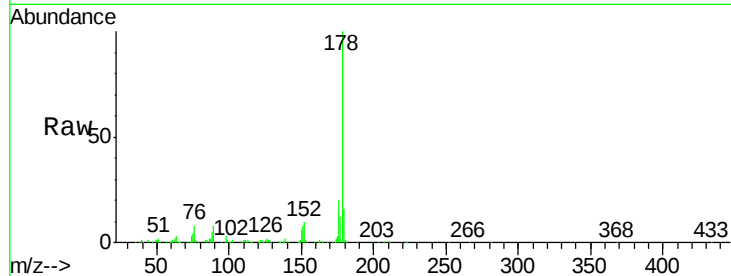




#71
 Anthracene
 Concen: 12.66 ng
 RT: 17.62 min Scan# 2517
 Delta R.T. 0.01 min
 Lab File: BG024092.D
 Acq: 23 Sep 2016 18:08

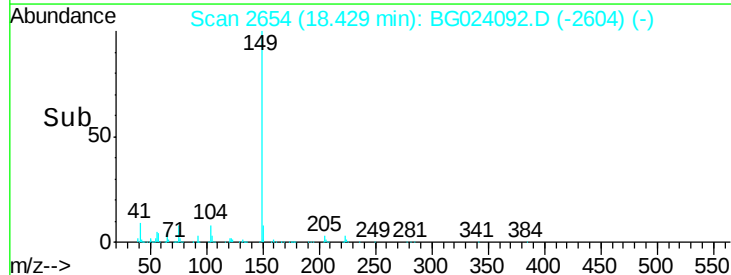
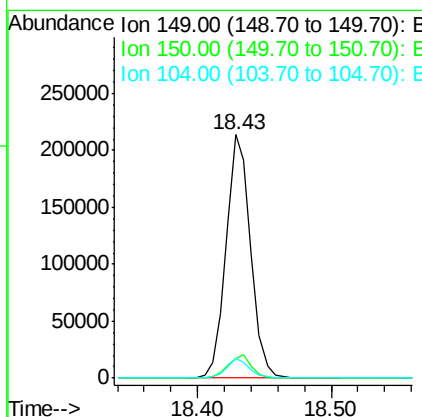
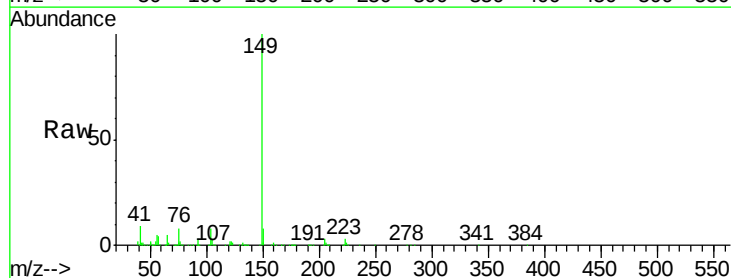
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WPDL

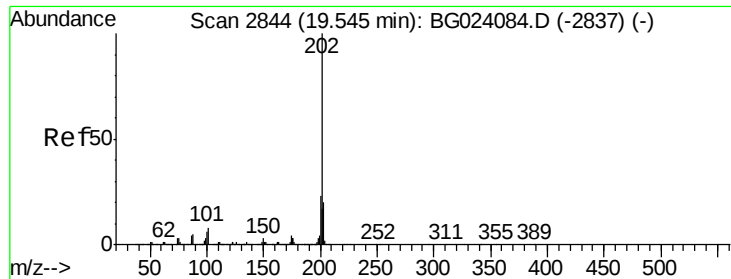
Tgt Ion:178 Resp: 225431
 Ion Ratio Lower Upper
 178 100
 176 20.2 17.3 25.9
 179 15.9 14.0 21.0



#73
 Di-n-butylphthalate
 Concen: 12.72 ng
 RT: 18.43 min Scan# 2654
 Delta R.T. -0.01 min
 Lab File: BG024092.D
 Acq: 23 Sep 2016 18:08

Tgt Ion:149 Resp: 275947
 Ion Ratio Lower Upper
 149 100
 150 8.1 9.1 13.7#
 104 8.0 6.9 10.3





#74

Fluoranthene

Concen: 35.05 ng

RT: 19.54 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

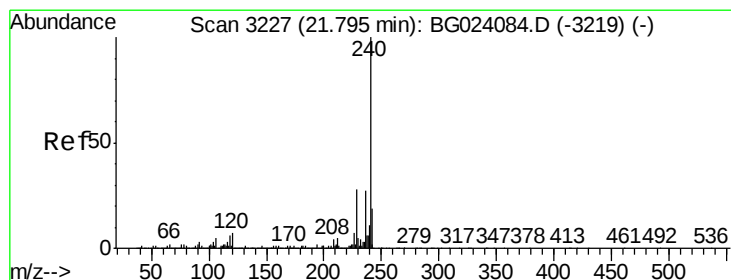
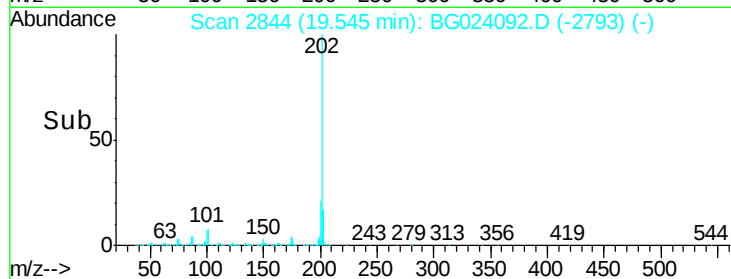
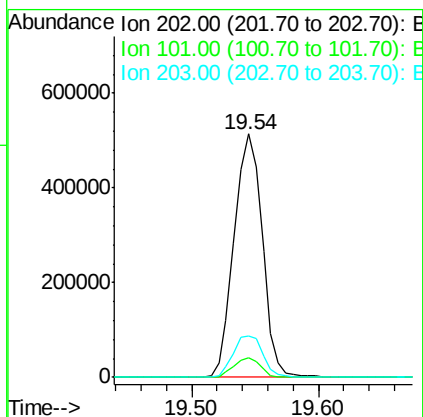
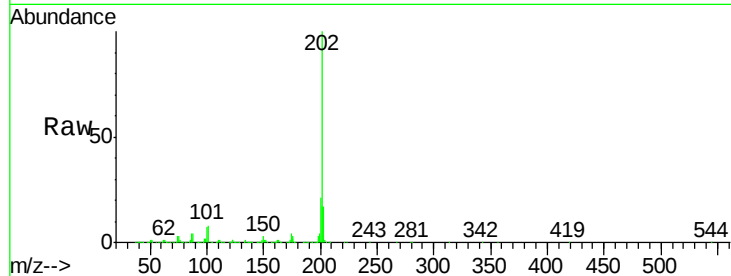
Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

Tgt Ion:	202	Resp:	792987
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	27.4
203	17.2	1.7	41.7



#75

Chrysene-d12

Concen: 20.00 ng

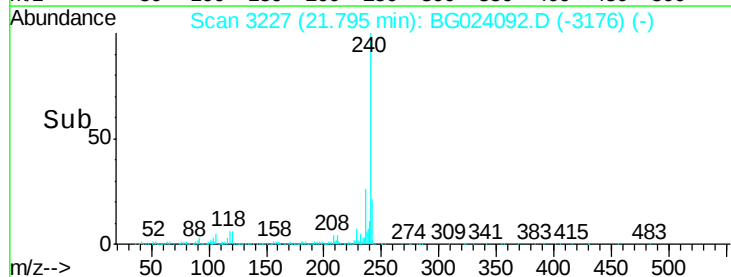
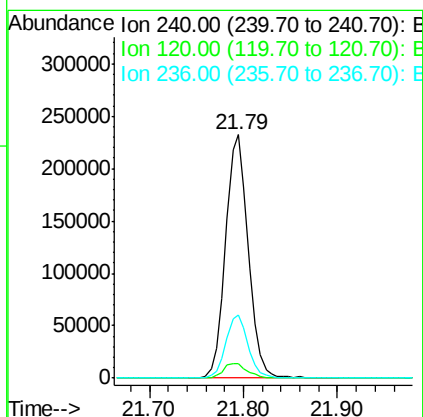
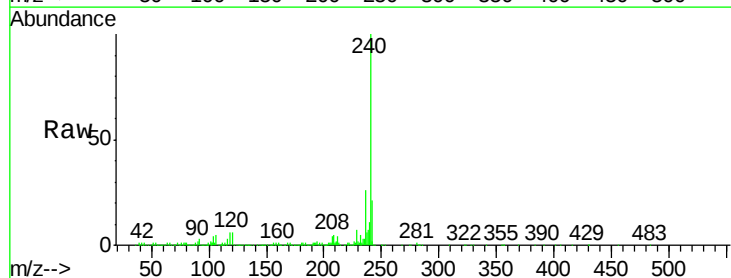
RT: 21.79 min Scan# 3227

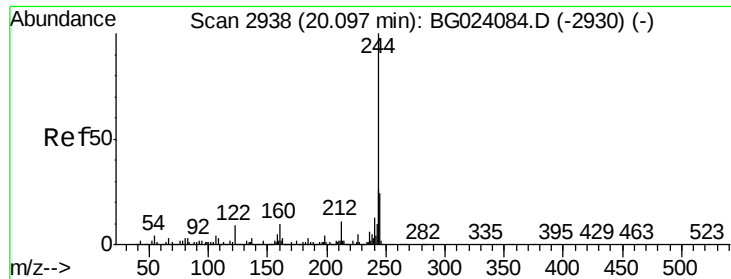
Delta R.T. -0.00 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

Tgt Ion:	240	Resp:	387391
Ion Ratio	Lower	Upper	
240	100		
120	6.1	4.1	6.1#
236	25.7	21.1	31.7





#78

Terphenyl-d14

Concen: 16.50 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.00 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

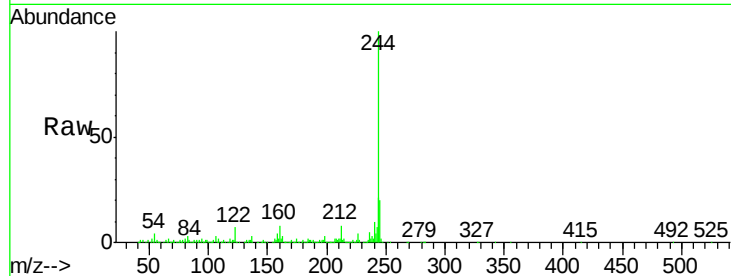
Tgt Ion:244 Resp: 312159

Ion Ratio Lower Upper

244 100

212 8.4 10.8 16.2#

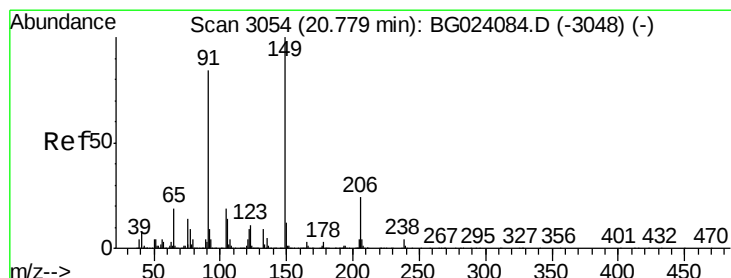
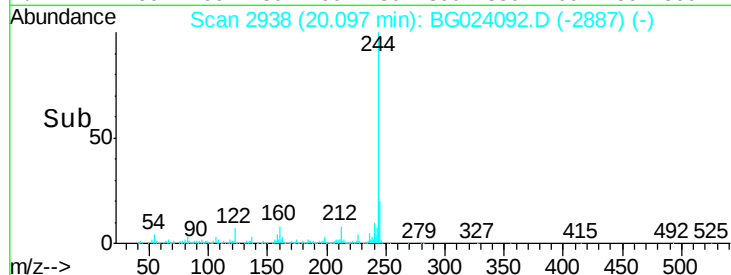
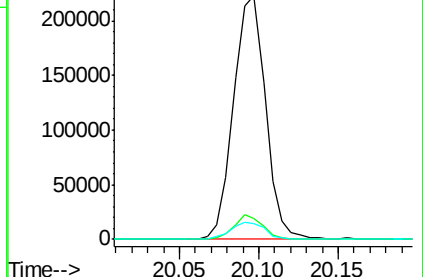
122 6.6 8.0 12.0#



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



#79

Butylbenzylphthalate

Concen: 27.50 ng

RT: 20.78 min Scan# 3054

Delta R.T. -0.00 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

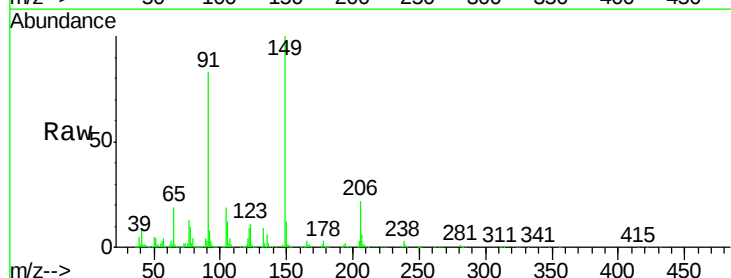
Tgt Ion:149 Resp: 273958

Ion Ratio Lower Upper

149 100

91 83.1 68.1 102.1

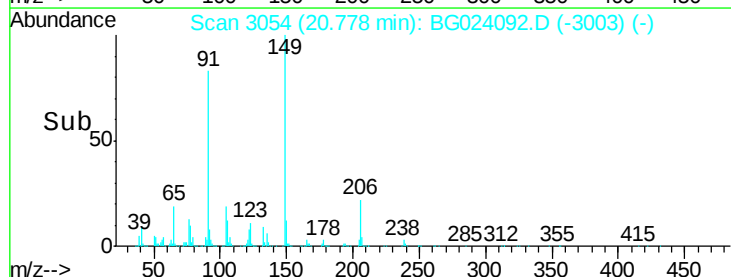
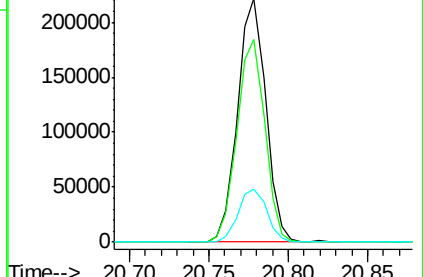
206 21.9 19.8 29.6

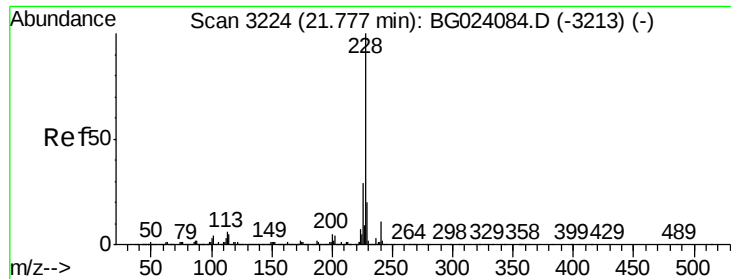


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 18.25 ng

RT: 21.84 min Scan# 3235

Delta R.T. 0.06 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

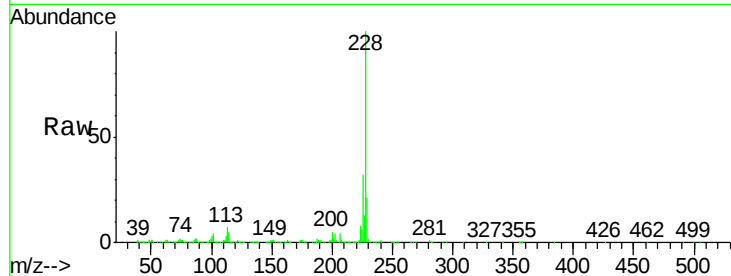
Tgt Ion:228 Resp: 402482

Ion Ratio Lower Upper

228 100

226 31.7 25.3 37.9

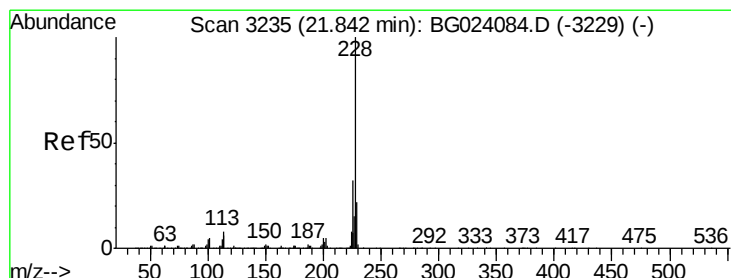
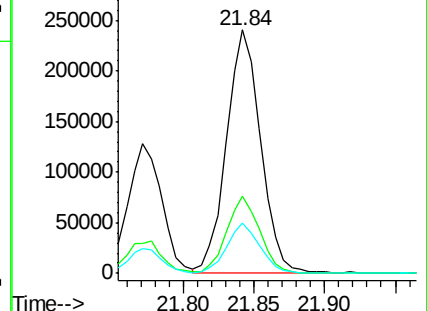
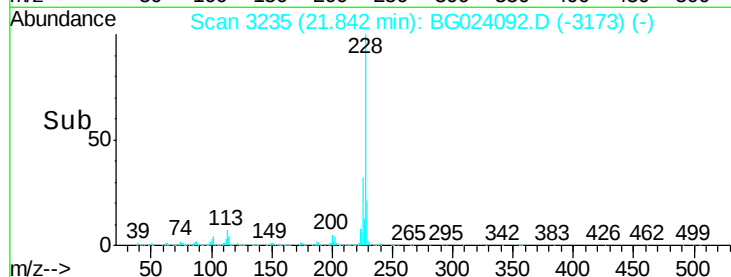
229 20.6 19.9 29.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 19.42 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

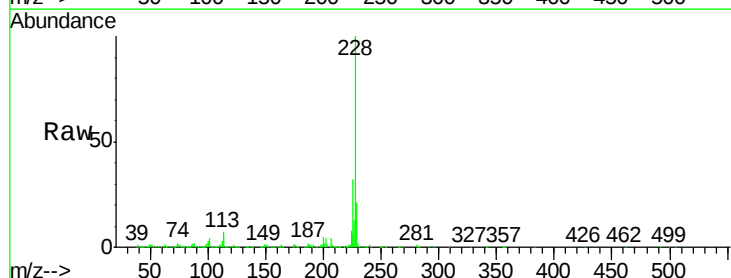
Tgt Ion:228 Resp: 402482

Ion Ratio Lower Upper

228 100

226 31.7 26.7 40.1

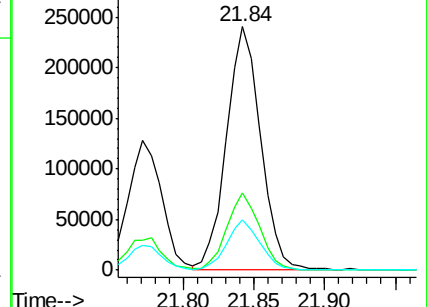
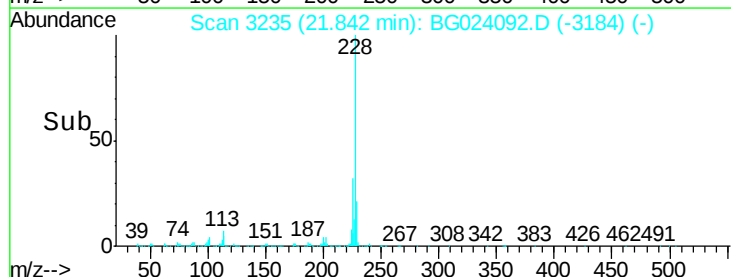
229 20.6 17.4 26.2

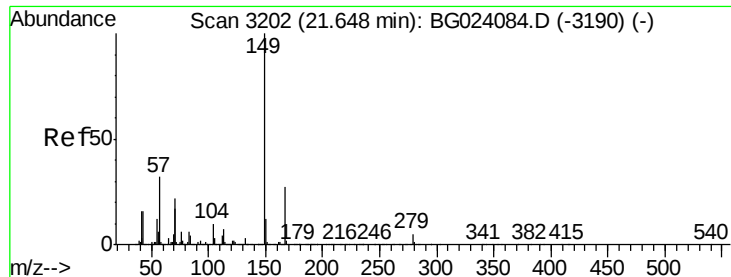


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 12.32 ng

RT: 21.64 min Scan# 3201

Delta R.T. -0.01 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

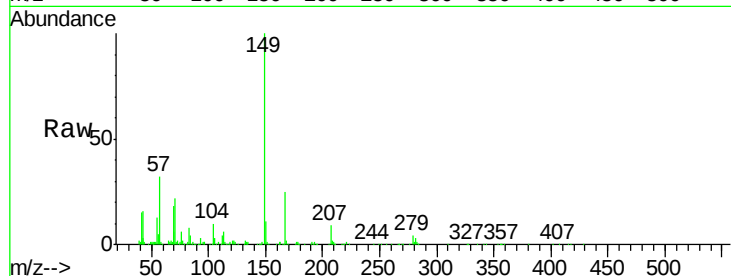
Tgt Ion:149 Resp: 146643

Ion Ratio Lower Upper

149 100

167 24.9 24.0 36.0

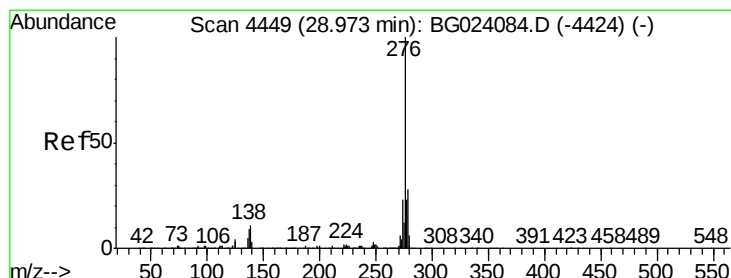
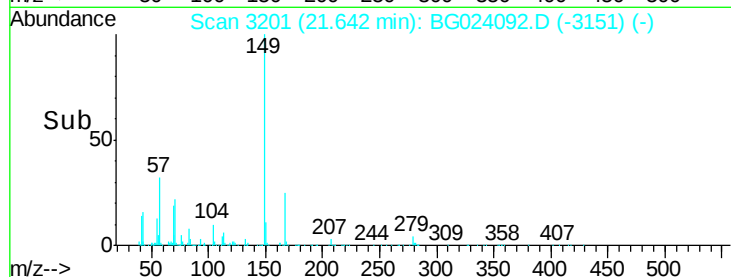
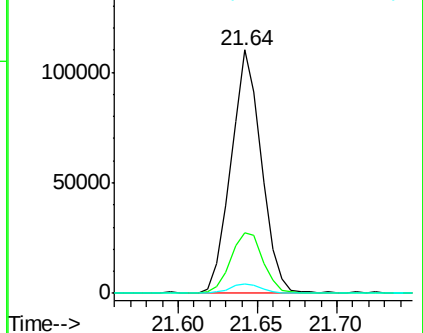
279 4.0 4.8 7.2#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 13.35 ng

RT: 28.95 min Scan# 4445

Delta R.T. -0.02 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

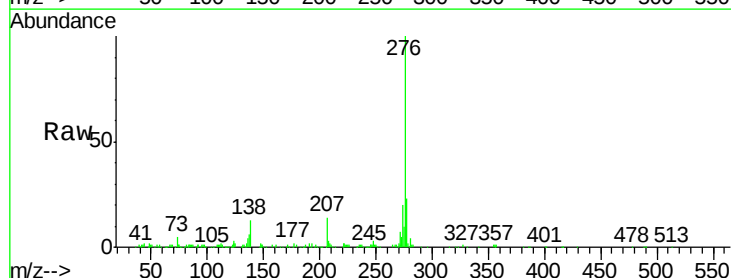
Tgt Ion:276 Resp: 308497

Ion Ratio Lower Upper

276 100

138 6.2 0.0 0.0#

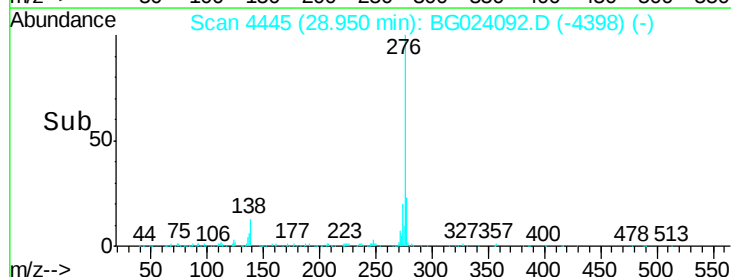
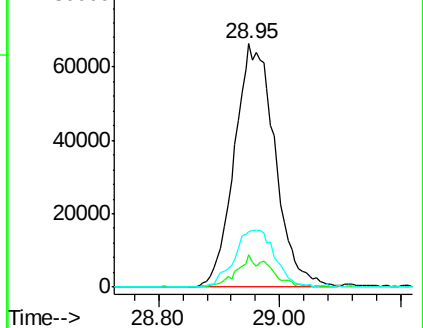
277 23.3 0.0 0.0#

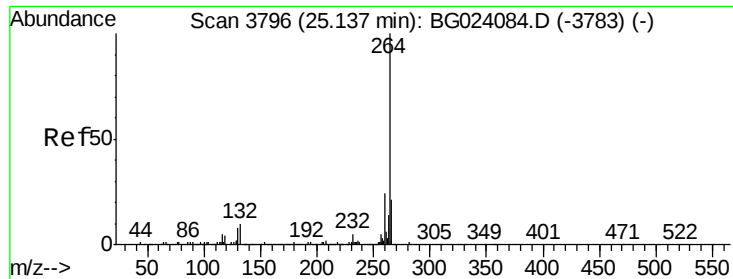


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

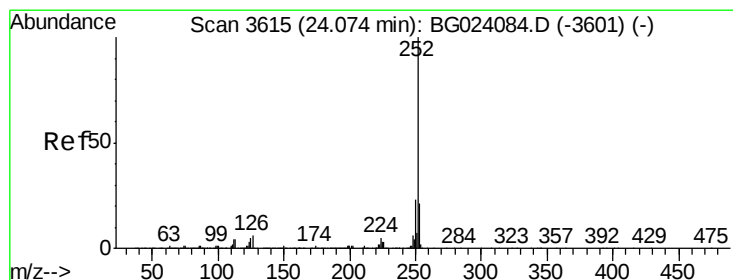
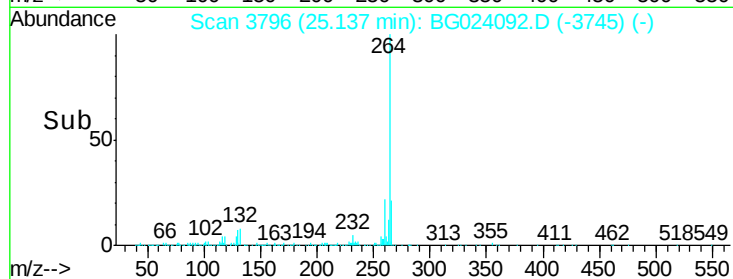
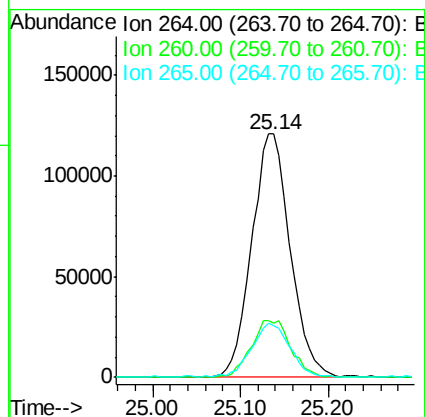
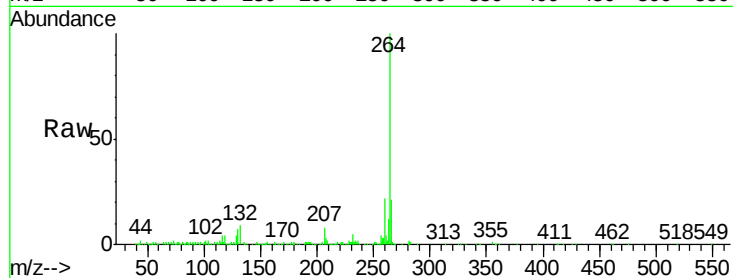




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3796
Delta R.T. -0.00 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

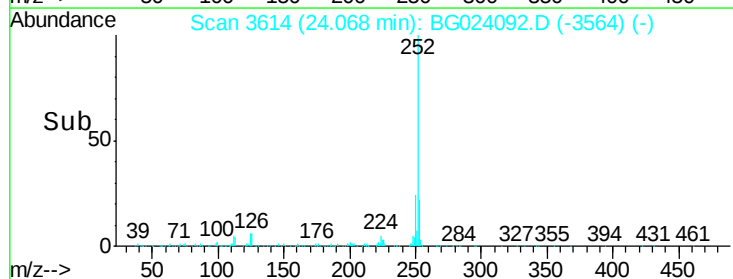
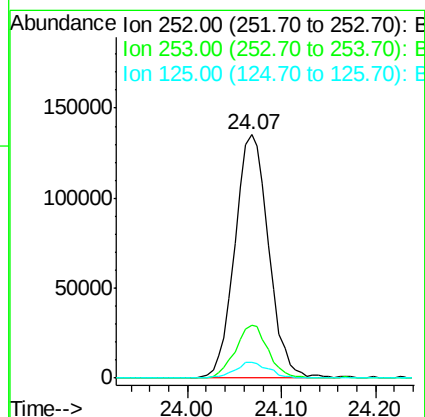
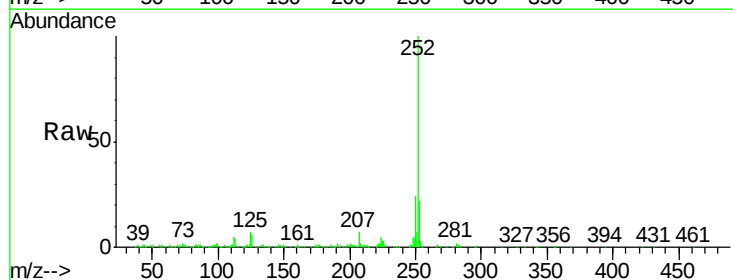
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

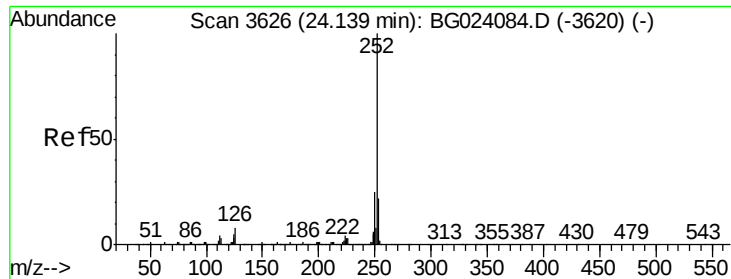
Tgt Ion:	264	Resp:	365179
Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.4	27.6
265	21.3	18.9	28.3



#87
Benzo(b)fluoranthene
Concen: 15.82 ng
RT: 24.07 min Scan# 3614
Delta R.T. -0.01 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

Tgt Ion:	252	Resp:	336190
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.9	28.3
125	6.5	3.9	5.9

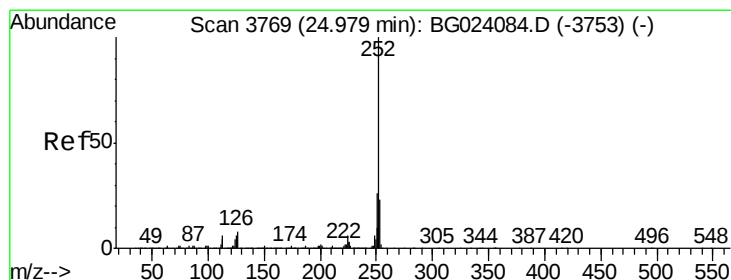
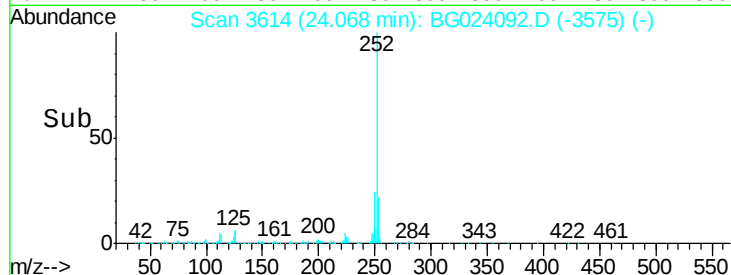
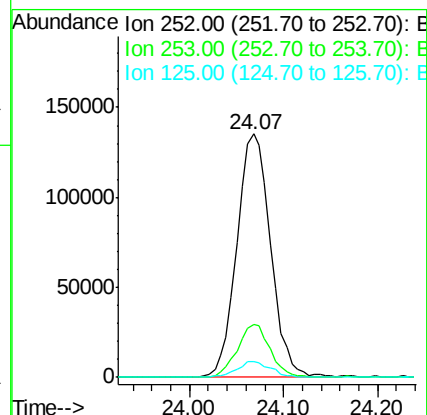
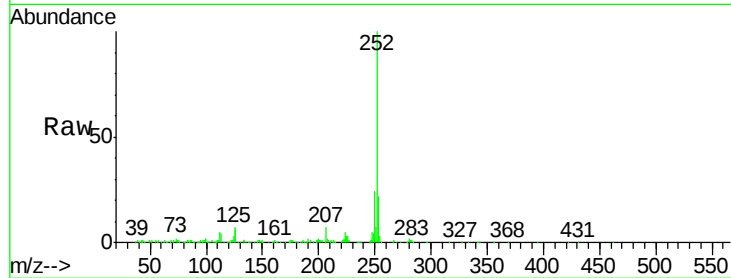




#88
Benzo(k)fluoranthene
Concen: 15.93 ng
RT: 24.07 min Scan# 3614
Delta R.T. -0.07 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

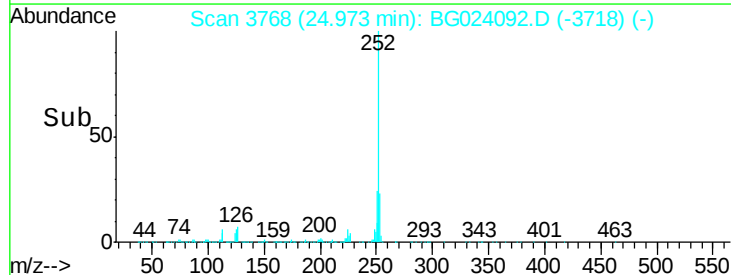
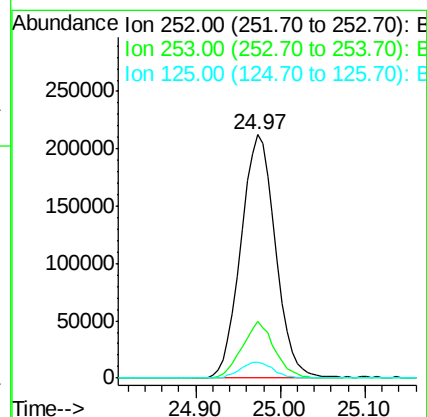
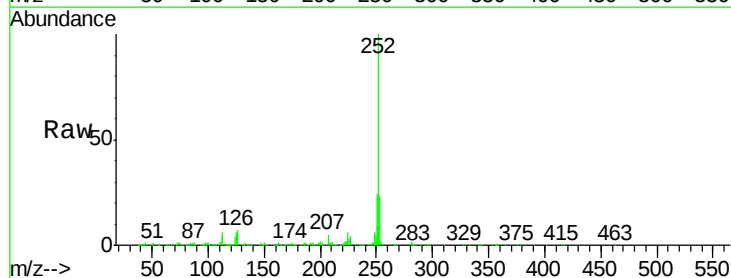
Instrument :
BNA_G
ClientSampleId :
PT-BN-WPDL

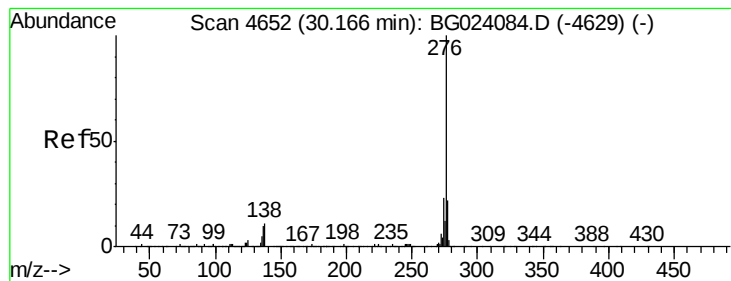
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.8	28.2
125	6.5	3.2	4.8#



#89
Benzo(a)pyrene
Concen: 29.35 ng
RT: 24.97 min Scan# 3768
Delta R.T. -0.01 min
Lab File: BG024092.D
Acq: 23 Sep 2016 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	6.5	3.9	5.9#





#91

Benzo(g,h,i)perylene

Concen: 24.67 ng

RT: 30.17 min Scan# 4652

Delta R.T. -0.00 min

Lab File: BG024092.D

Acq: 23 Sep 2016 18:08

Instrument :

BNA_G

ClientSampleId :

PT-BN-WPDL

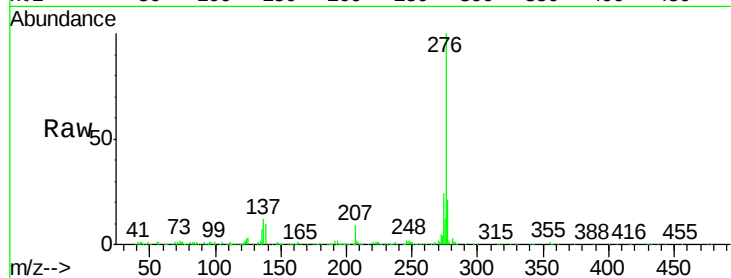
Tgt Ion: 276 Resp: 509799

Ion Ratio Lower Upper

276 100

277 21.2 18.6 27.8

138 9.6 6.8 10.2



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

