

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024088.D
 Acq On : 23 Sep 2016 15:35
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092316

Quant Time: Sep 23 16:12:04 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	8.06	152	46306	20.00	ng	0.03
21) Naphthalene-d8	10.89	136	227475	20.00	ng	0.01
38) Acenaphthene-d10	14.73	164	202836	20.00	ng	0.01
63) Phenanthrene-d10	17.50	188	451647	20.00	ng	0.01
75) Chrysene-d12	21.80	240	390142	20.00	ng	0.00
86) Perylene-d12	25.15	264	391755	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	214498	80.25	ng	0.02
7) Phenol-d6	7.23	99	358944	79.81	ng	0.03
23) Nitrobenzene-d5	9.24	82	464648	80.51	ng	0.02
41) 2,4,6-Tribromophenol	16.23	330	236208	81.02	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	962356	79.75	ng	0.01
78) Terphenyl-d14	20.11	244	1452345	76.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	42801	41.84	ng	96
3) Pyridine	3.86	79	149803	41.43	ng	94
4) n-Nitrosodimethylamine	3.77	42	72488	39.56	ng	# 86
6) Aniline	7.38	93	248726	39.37	ng	96
8) 2-Chlorophenol	7.63	128	124748	38.99	ng	95
9) Benzaldehyde	7.20	77	95434	38.97	ng	93
10) Phenol	7.26	94	191688	40.54	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	142205	38.14	ng	89
12) 1,3-Dichlorobenzene	7.95	146	138972	38.95	ng	96
13) 1,4-Dichlorobenzene	8.10	146	141550	38.87	ng	97
14) 1,2-Dichlorobenzene	8.42	146	138389	39.05	ng	95
15) Benzyl Alcohol	8.31	79	171156	39.32	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	198401	38.54	ng	98
17) 2-Methylphenol	8.53	107	127602	40.59	ng	93
18) Hexachloroethane	9.15	117	61371	40.00	ng	87
19) n-Nitroso-di-n-propylamine	8.87	70	173810	39.35	ng	98
20) 3+4-Methylphenols	8.86	107	184010	40.31	ng	87
22) Acetophenone	8.90	105	269534	41.07	ng	# 97
24) Nitrobenzene	9.29	77	246740	39.88	ng	97
25) Isophorone	9.81	82	484940	41.19	ng	99
26) 2-Nitrophenol	10.01	139	89433	40.76	ng	93
27) 2,4-Dimethylphenol	10.07	122	149409	40.72	ng	95
28) bis(2-Chloroethoxy)methane	10.29	93	238392	41.65	ng	100
29) 2,4-Dichlorophenol	10.55	162	161052	42.17	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	159559	39.04	ng	96
31) Naphthalene	10.94	128	470769	40.85	ng	98
32) Benzoic acid	10.25	122	120116	42.40	ng	95
33) 4-Chloroaniline	11.06	127	211272	41.08	ng	98
34) Hexachlorobutadiene	11.22	225	125516	39.00	ng	93
35) Caprolactam	11.86	113	63537	40.90	ng	# 81
36) 4-Chloro-3-methylphenol	12.20	107	225738	42.01	ng	94
37) 2-Methylnaphthalene	12.55	142	363669	41.21	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	236276	39.90	ng	99
40) Hexachlorocyclopentadiene	12.89	237	94689	40.96	ng	93

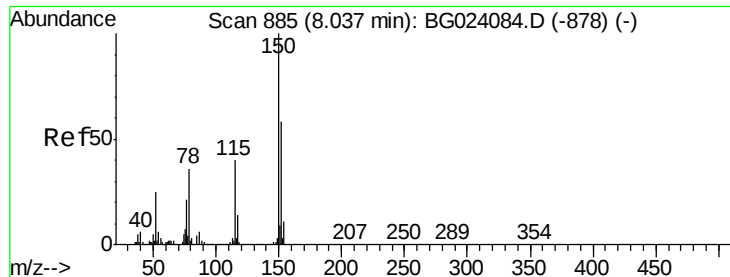
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	159320	41.60	ng	96
43) 2,4,5-Trichlorophenol	13.26	196	160073	40.62	ng	93
45) 1,1'-Biphenyl	13.56	154	562820	40.58	ng	99
46) 2-Chloronaphthalene	13.61	162	415028	40.08	ng	98
47) 2-Nitroaniline	13.83	65	197368	40.96	ng	98
48) Acenaphthylene	14.45	152	708504	40.30	ng	99
49) Dimethylphthalate	14.18	163	628223	40.37	ng	99
50) 2,6-Dinitrotoluene	14.31	165	135966	41.60	ng	98
51) Acenaphthene	14.79	154	422507	39.62	ng	98
52) 3-Nitroaniline	14.65	138	135555	41.52	ng	99
53) 2,4-Dinitrophenol	14.88	184	79158	40.12	ng	89
54) Dibenzofuran	15.13	168	669054	40.30	ng	99
55) 4-Nitrophenol	14.99	139	90180	37.81	ng	# 89
56) 2,4-Dinitrotoluene	15.11	165	203029	40.82	ng	93
57) Fluorene	15.78	166	576482	39.89	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	152155	39.98	ng	94
59) Diethylphthalate	15.54	149	662770	39.55	ng	98
60) 4-Chlorophenyl-phenylether	15.77	204	306159	39.55	ng	97
61) 4-Nitroaniline	15.83	138	133214	39.40	ng	88
62) Azobenzene	16.06	77	676431	39.73	ng	92
64) 4,6-Dinitro-2-methylphenol	15.89	198	129858	41.40	ng	89
65) n-Nitrosodiphenylamine	15.99	169	537690	43.52	ng	97
66) 4-Bromophenyl-phenylether	16.67	248	218981	41.80	ng	98
67) Hexachlorobenzene	16.80	284	245538	41.60	ng	98
68) Atrazine	16.94	200	223471	40.97	ng	94
69) Pentachlorophenol	17.16	266	113418	38.98	ng	99
70) Phenanthrene	17.54	178	949733	41.28	ng	98
71) Anthracene	17.63	178	965508	40.86	ng	96
72) Carbazole	17.91	167	871349	39.61	ng	97
73) Di-n-butylphthalate	18.44	149	1078767	37.46	ng	96
74) Fluoranthene	19.55	202	1069181	35.60	ng	96
76) Benzidine	19.74	184	430859	39.01	ng	98
77) Pyrene	19.92	202	1068526	39.22	ng	95
79) Butylbenzylphthalate	20.79	149	394713	39.35	ng	99
80) Benzo(a)anthracene	21.78	228	897031	40.39	ng	92
81) 3,3'-Dichlorobenzidine	21.69	252	357047	44.85	ng	# 99
82) Chrysene	21.85	228	869704	41.66	ng	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	573879	47.88	ng	94
84) Di-n-octyl phthalate	22.90	149	997125	48.22	ng	99
85) Indeno(1,2,3-cd)pyrene	29.00	276	1084263	46.57	ng	# 100
87) Benzo(b)fluoranthene	24.15	252	901250	39.54	ng	98
88) Benzo(k)fluoranthene	24.15	252	901250	39.82	ng	# 98
89) Benzo(a)pyrene	24.99	252	897536	40.74	ng	# 97
90) Dibenzo(a,h)anthracene	29.05	278	862267	39.19	ng	# 95
91) Benzo(g,h,i)perylene	30.18	276	863380	38.95	ng	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 889

Delta R.T. 0.03 min

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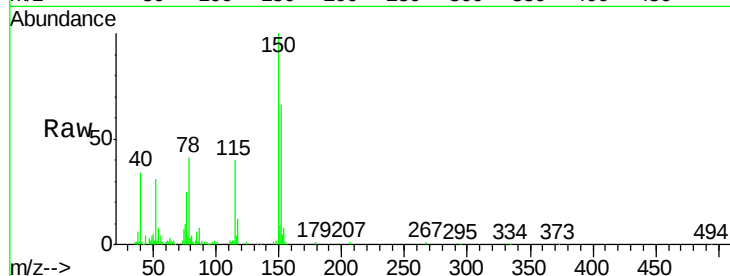
Tgt Ion:152 Resp: 46306

Ion Ratio Lower Upper

152 100

150 152.6 144.7 217.1

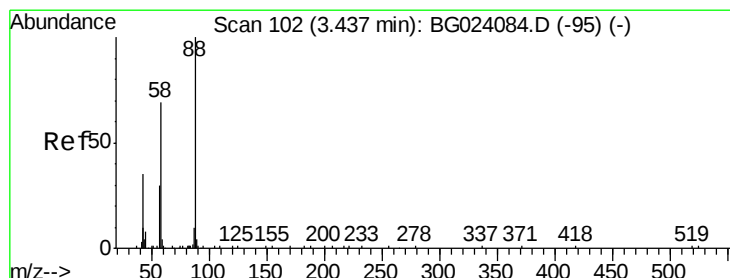
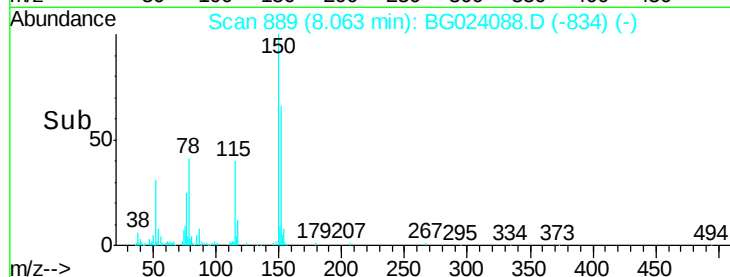
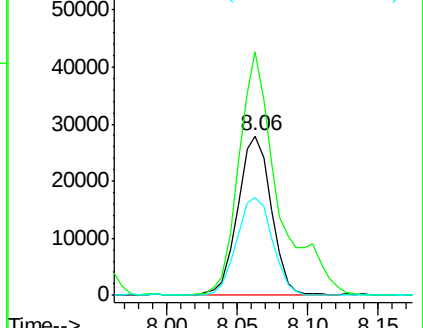
115 61.0 64.0 96.0#



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



#2

1,4-Dioxane

Concen: 41.84 ng

RT: 3.45 min Scan# 103

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

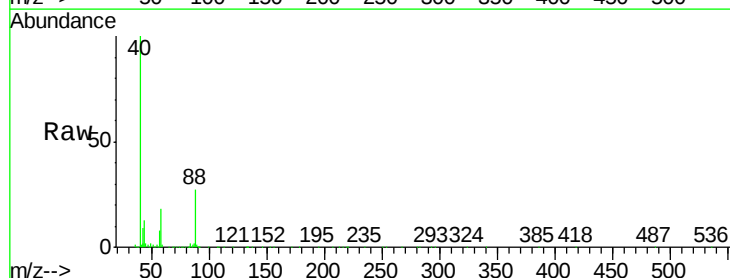
Tgt Ion: 88 Resp: 42801

Ion Ratio Lower Upper

88 100

58 78.2 60.4 90.6

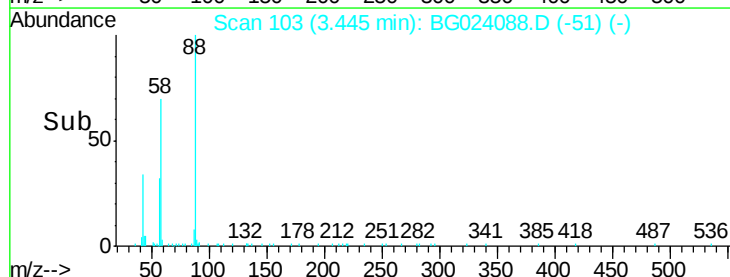
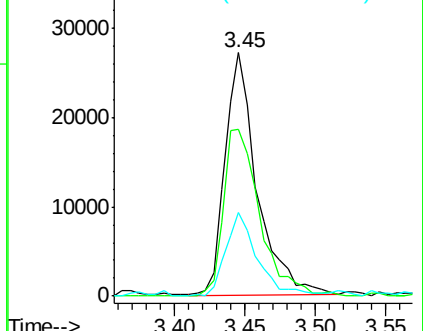
43 34.6 31.1 46.7



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 41.43 ng

RT: 3.86 min Scan# 173

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

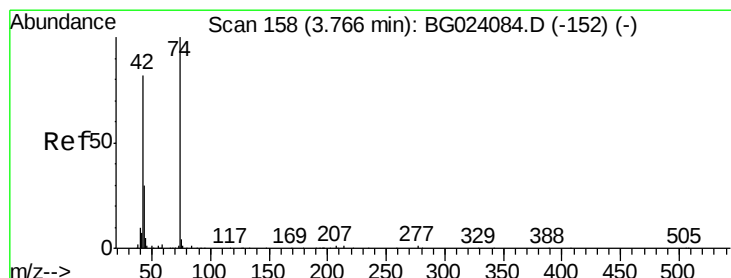
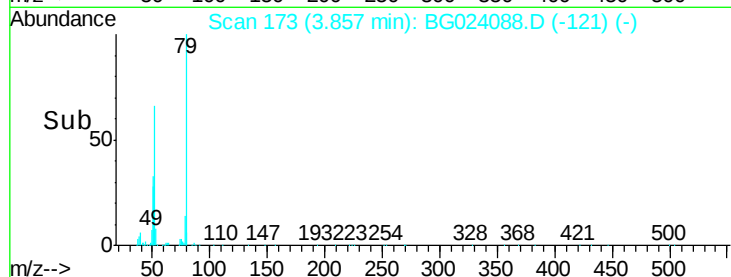
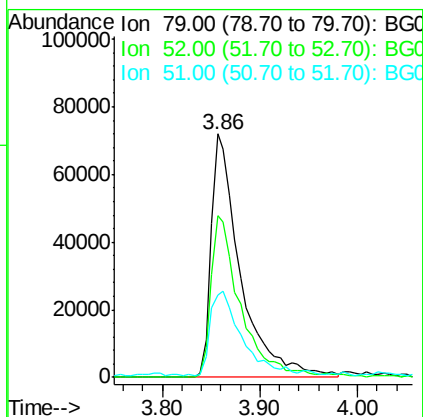
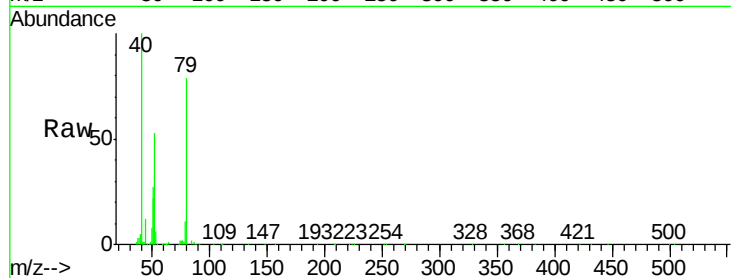
Tgt Ion: 79 Resp: 149803

Ion Ratio Lower Upper

79 100

52 66.3 51.8 77.8

51 33.7 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 39.56 ng

RT: 3.77 min Scan# 159

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

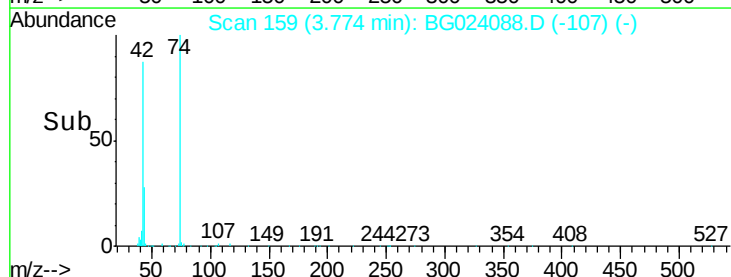
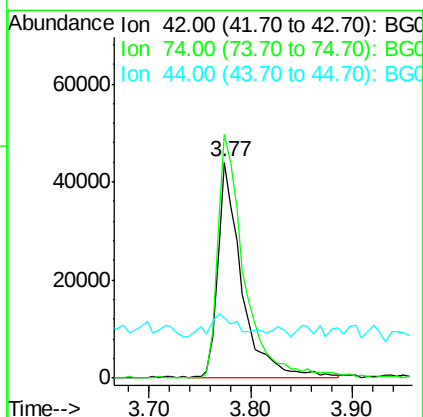
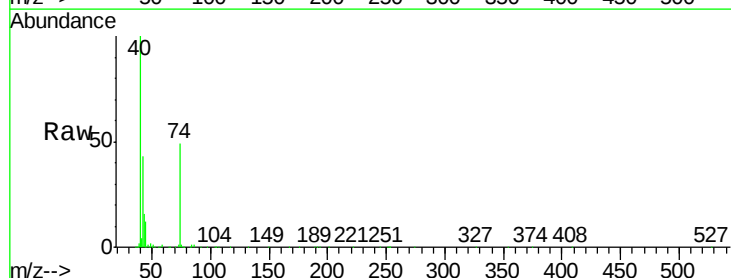
Tgt Ion: 42 Resp: 72488

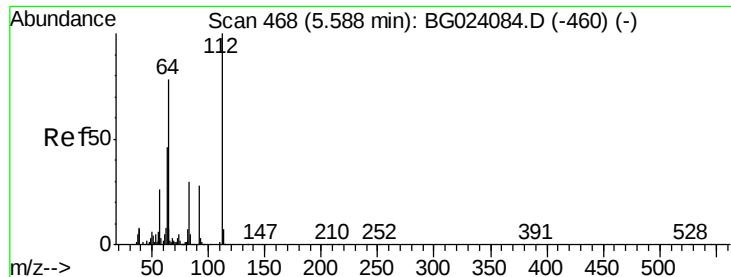
Ion Ratio Lower Upper

42 100

74 113.0 100.6 150.8

44 27.9 4.5 6.7#





#5

2-Fluorophenol

Concen: 80.25 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.02 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

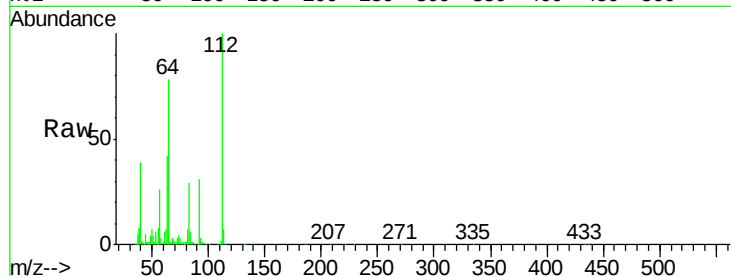
Tgt Ion: 112 Resp: 214498

Ion Ratio Lower Upper

112 100

64 78.4 59.0 88.4

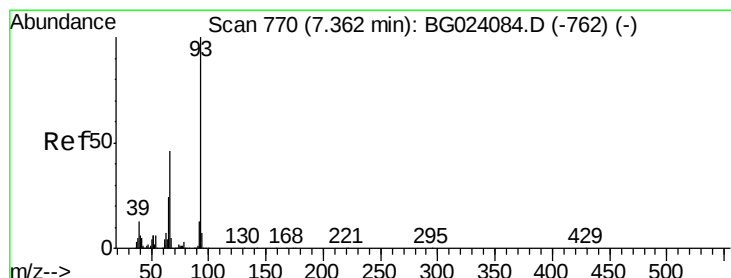
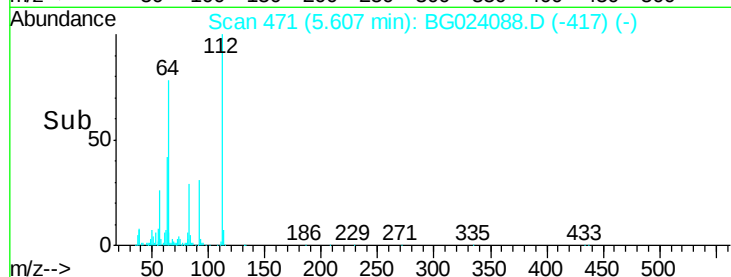
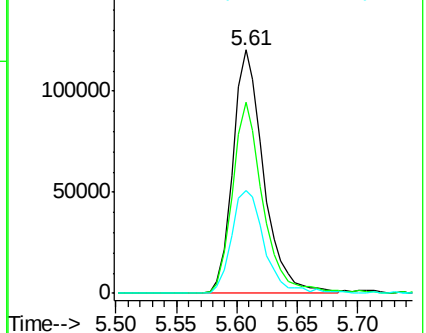
63 42.0 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.37 ng

RT: 7.38 min Scan# 773

Delta R.T. 0.02 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

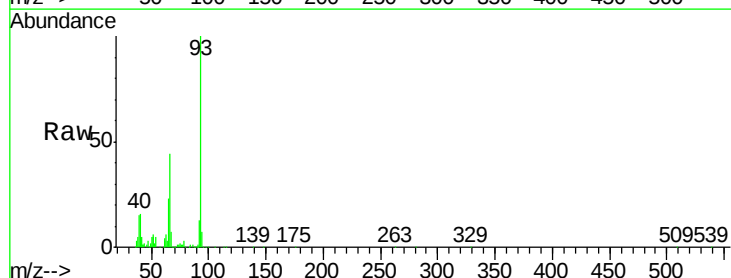
Tgt Ion: 93 Resp: 248726

Ion Ratio Lower Upper

93 100

66 43.9 37.5 56.3

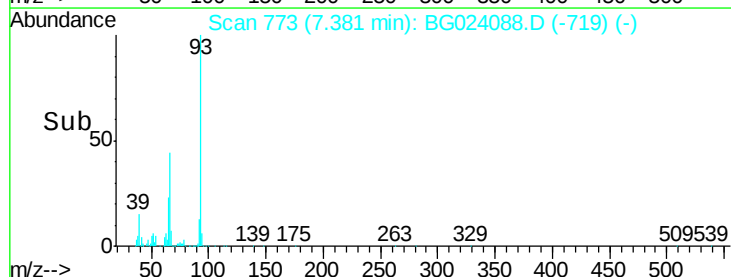
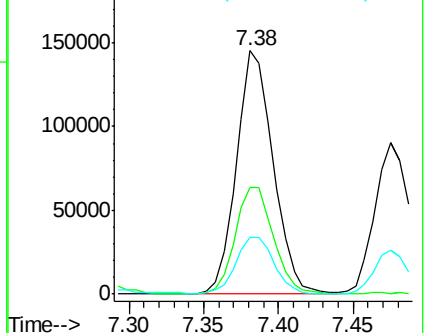
65 23.3 17.9 26.9

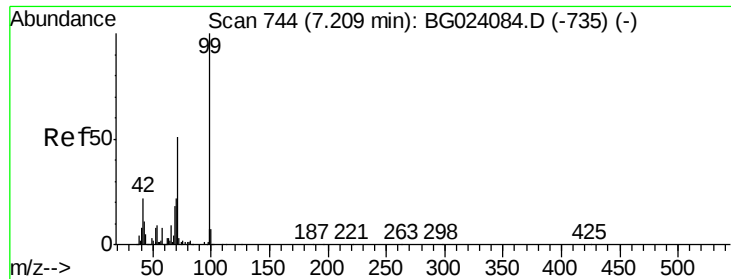


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.81 ng

RT: 7.23 min Scan# 748

Delta R.T. 0.03 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

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ClientSampleId :

ICVBG092316

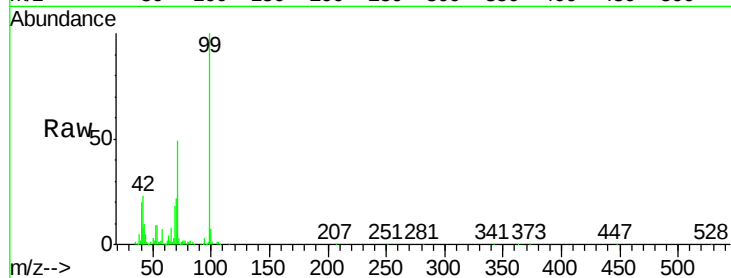
Tgt Ion: 99 Resp: 358944

Ion Ratio Lower Upper

99 100

42 22.9 17.8 26.6

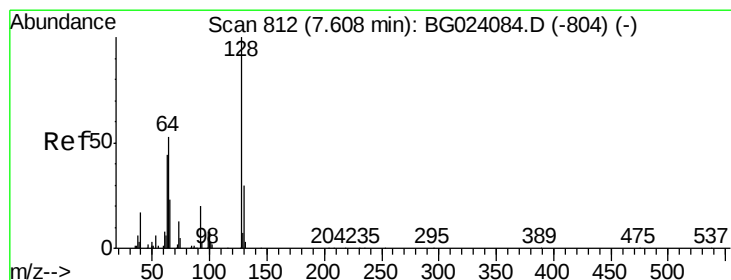
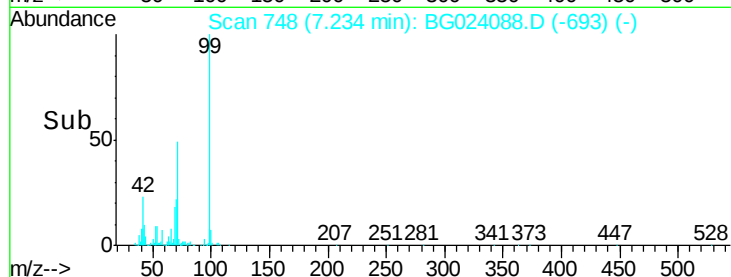
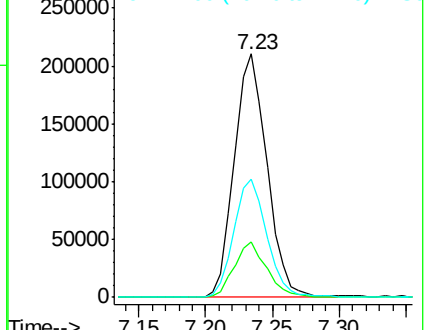
71 48.8 41.5 62.3



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



#8

2-Chlorophenol

Concen: 38.99 ng

RT: 7.63 min Scan# 815

Delta R.T. 0.02 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

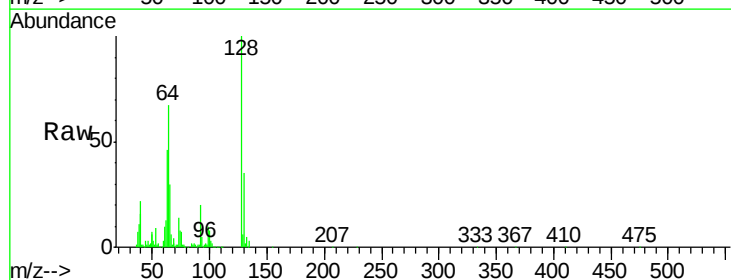
Tgt Ion: 128 Resp: 124748

Ion Ratio Lower Upper

128 100

130 34.6 12.9 52.9

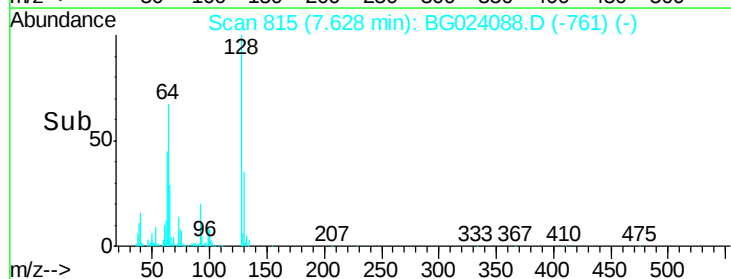
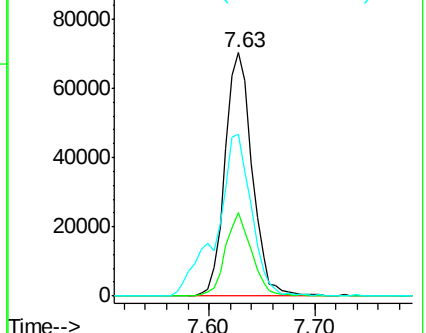
64 66.7 42.0 82.0

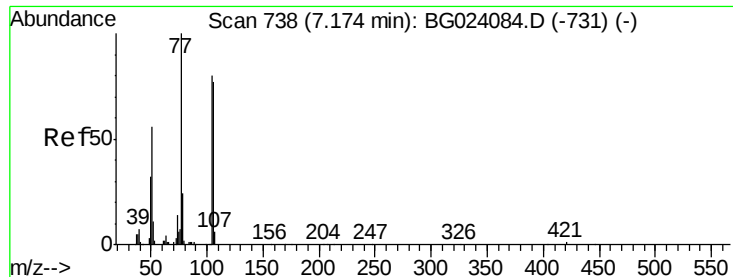


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

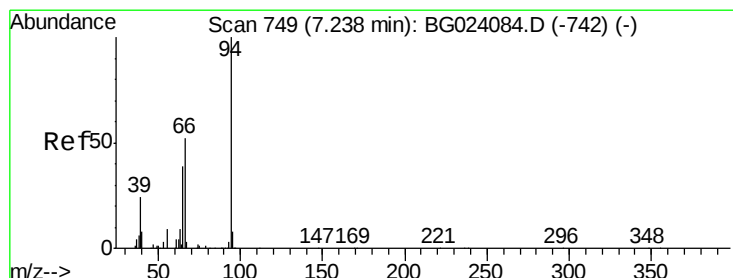
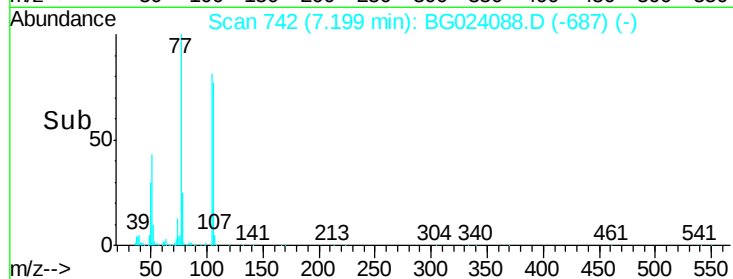
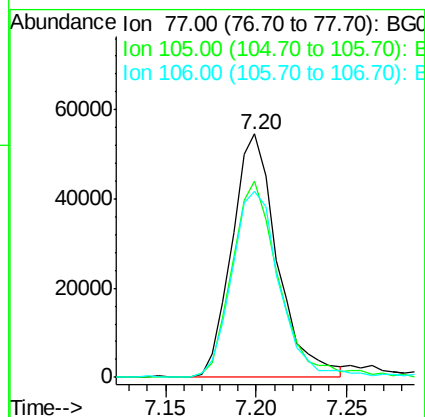
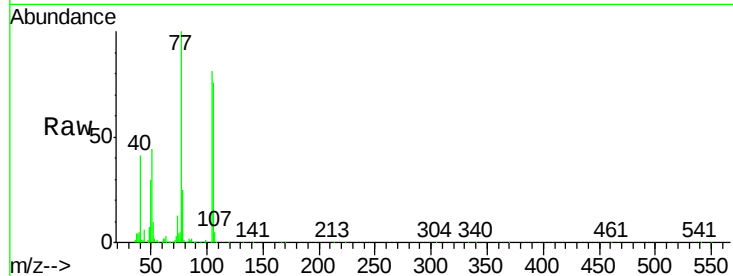




#9
Benzaldehyde
Concen: 38.97 ng
RT: 7.20 min Scan# 742
Delta R.T. 0.03 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

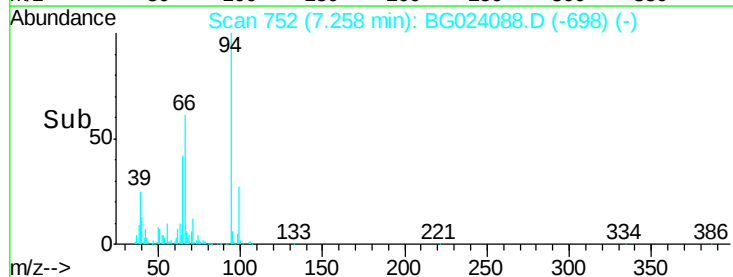
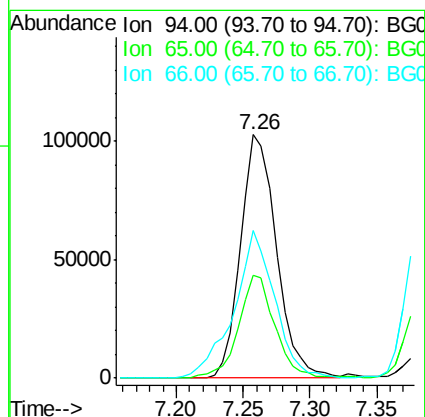
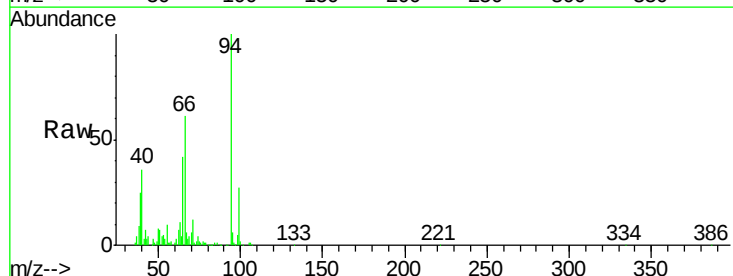
Instrument :
BNA_G
ClientSampleId :
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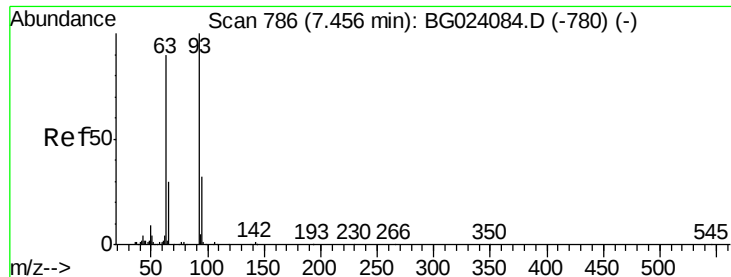
Tgt Ion: 77 Resp: 95434
Ion Ratio Lower Upper
77 100
105 80.8 58.7 98.7
106 76.5 67.5 107.5



#10
Phenol
Concen: 40.54 ng
RT: 7.26 min Scan# 752
Delta R.T. 0.02 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion: 94 Resp: 191688
Ion Ratio Lower Upper
94 100
65 42.1 18.1 58.1
66 60.9 42.1 82.1

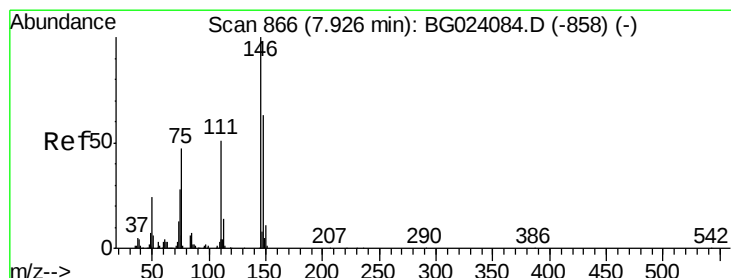
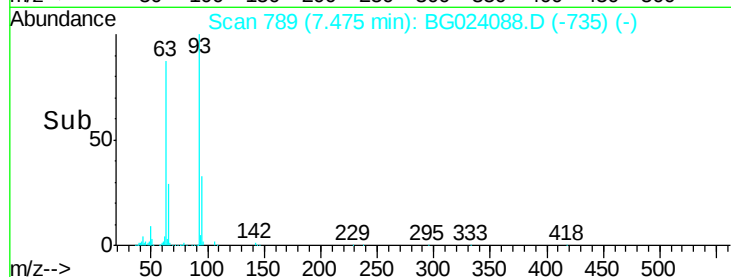
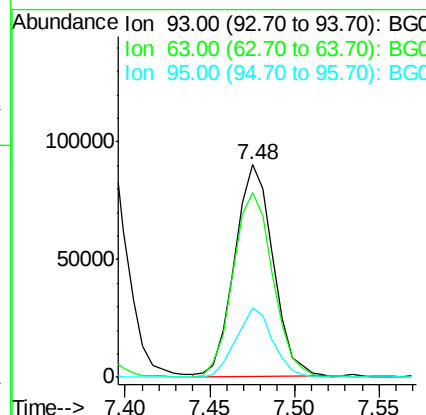
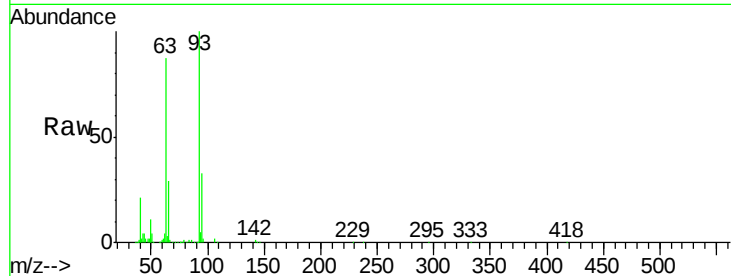




#11
 bis(2-Chloroethyl)ether
 Concen: 38.14 ng
 RT: 7.48 min Scan# 789
 Delta R.T. 0.02 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

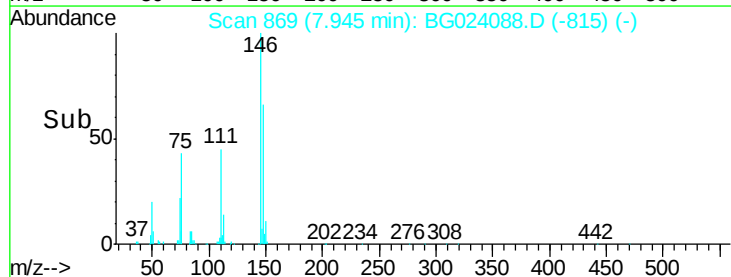
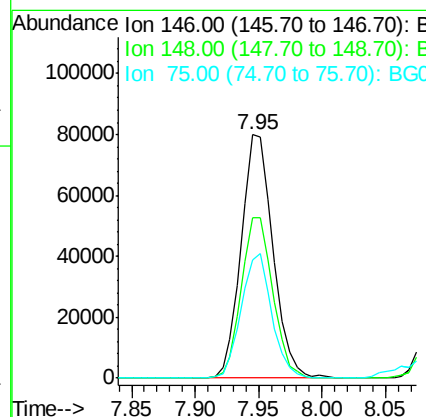
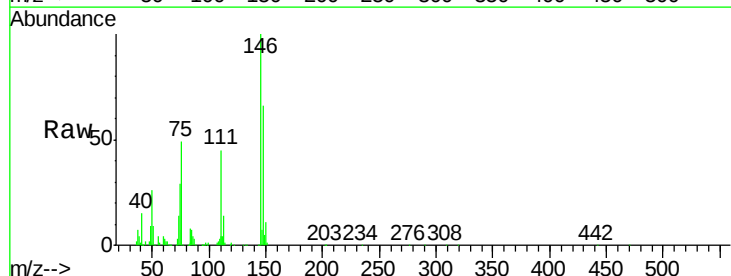
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092316

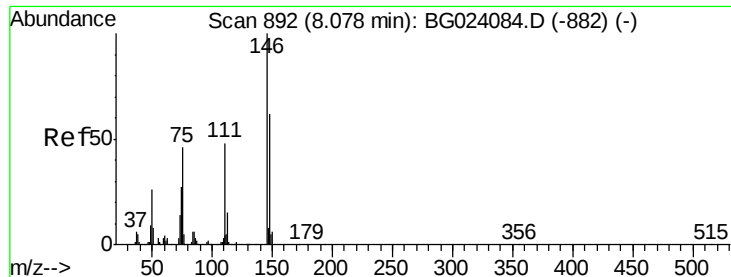
Tgt Ion:	93	Resp:	142205
Ion	Ratio	Lower	Upper
93	100		
63	86.8	55.0	95.0
95	32.7	11.0	51.0



#12
 1,3-Dichlorobenzene
 Concen: 38.95 ng
 RT: 7.95 min Scan# 869
 Delta R.T. 0.02 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Tgt Ion:	146	Resp:	138972
Ion	Ratio	Lower	Upper
146	100		
148	66.0	50.3	75.5
75	48.7	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 38.87 ng

RT: 8.10 min Scan# 895

Delta R.T. 0.02 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

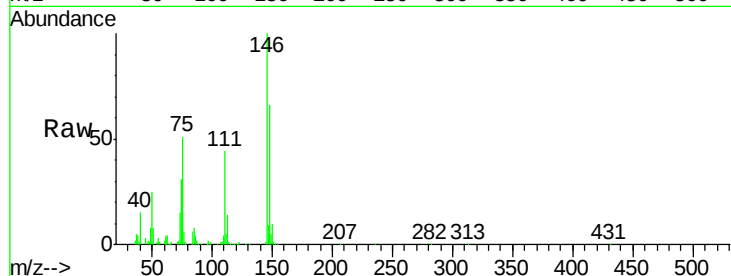
Tgt Ion:146 Resp: 141550

Ion Ratio Lower Upper

146 100

148 66.1 54.5 81.7

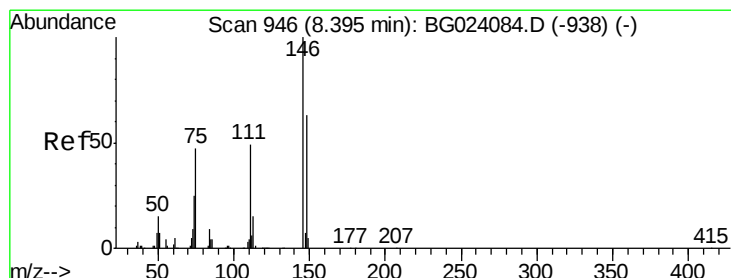
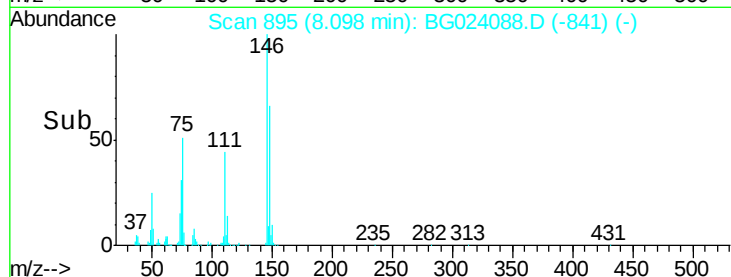
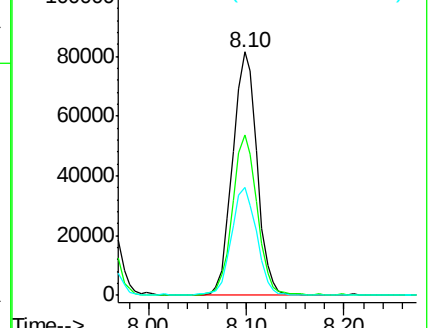
111 44.4 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.05 ng

RT: 8.42 min Scan# 950

Delta R.T. 0.03 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

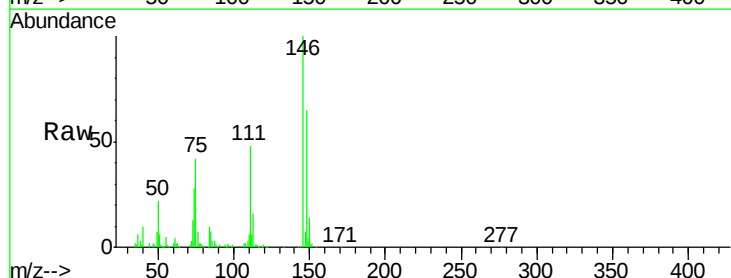
Tgt Ion:146 Resp: 138389

Ion Ratio Lower Upper

146 100

148 65.0 52.9 79.3

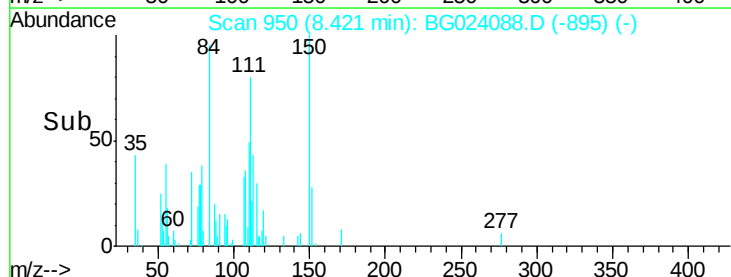
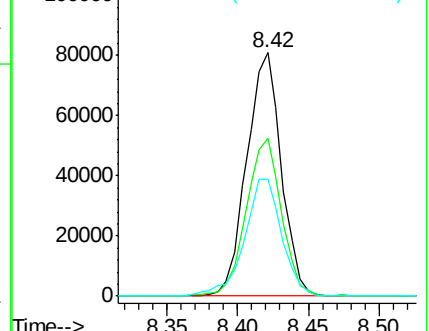
111 47.8 43.5 65.3

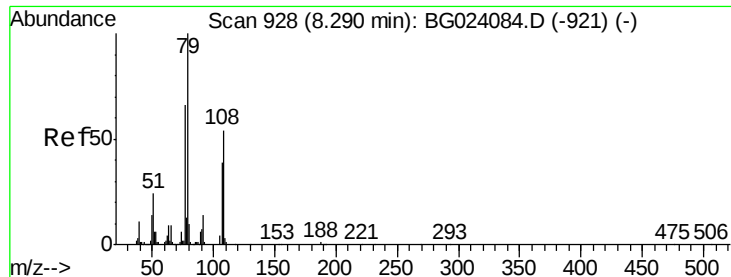


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

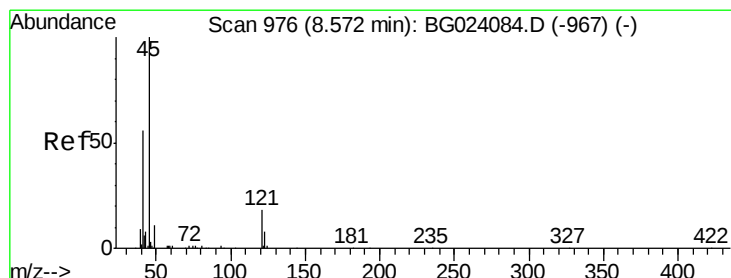
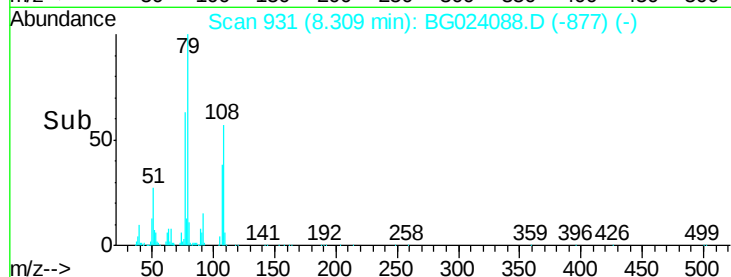
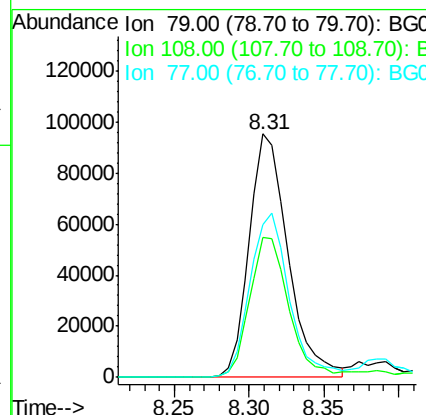
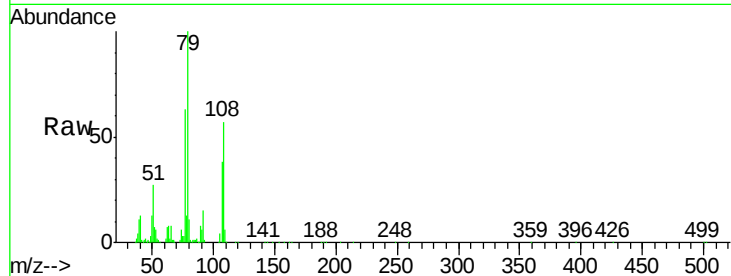




#15
Benzyl Alcohol
Concen: 39.32 ng
RT: 8.31 min Scan# 931
Delta R.T. 0.02 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

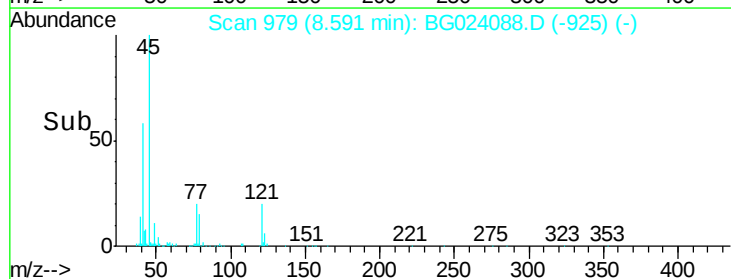
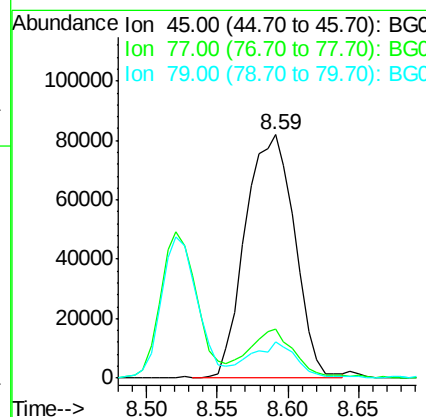
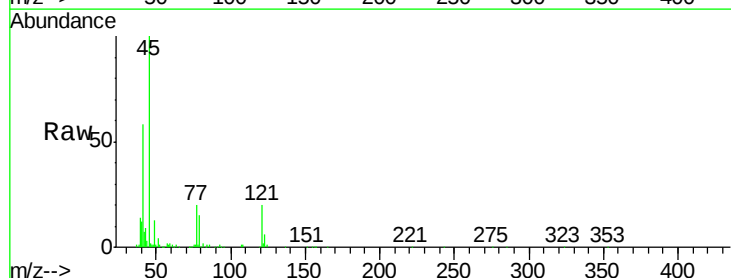
Instrument :
BNA_G
ClientSampleId :
ICVBG092316

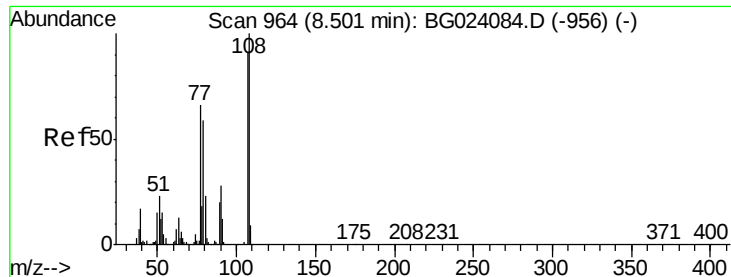
Tgt Ion: 79 Resp: 171156
Ion Ratio Lower Upper
79 100
108 57.3 46.5 69.7
77 62.7 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.54 ng
RT: 8.59 min Scan# 979
Delta R.T. 0.02 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion: 45 Resp: 198401
Ion Ratio Lower Upper
45 100
77 19.9 0.6 40.6
79 14.7 0.0 36.2

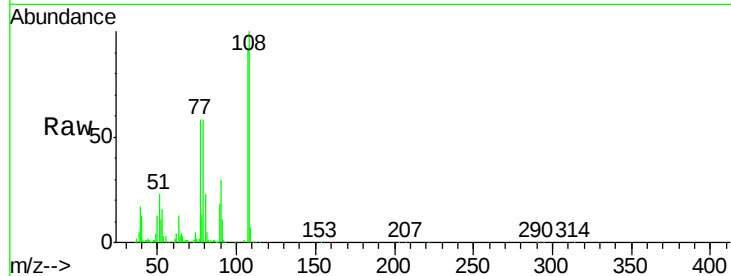




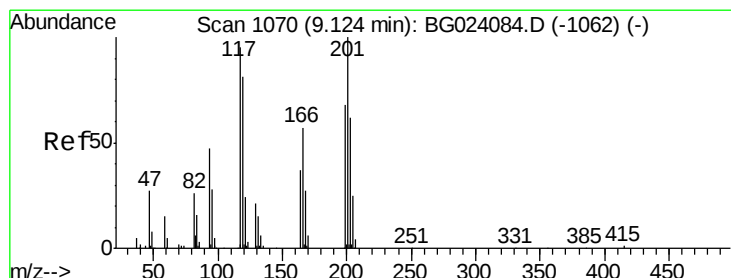
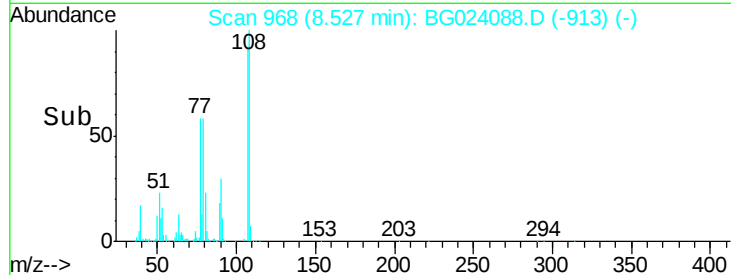
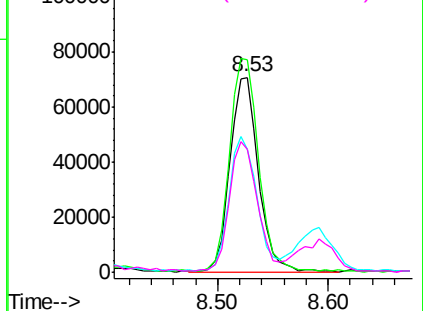
#17
2-Methylphenol
Concen: 40.59 ng
RT: 8.53 min Scan# 968
Delta R.T. 0.03 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Instrument :
BNA_G
ClientSampleId :
ICVBG092316

Tgt Ion:	107	Resp:	127602
Ion	Ratio	Lower	Upper
107	100		
108	109.0	92.0	138.0
77	63.1	55.8	83.6
79	63.1	55.0	82.6

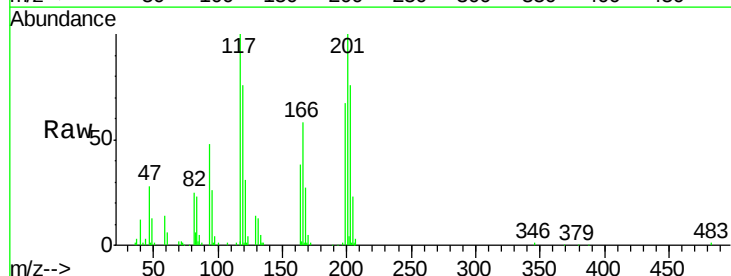


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

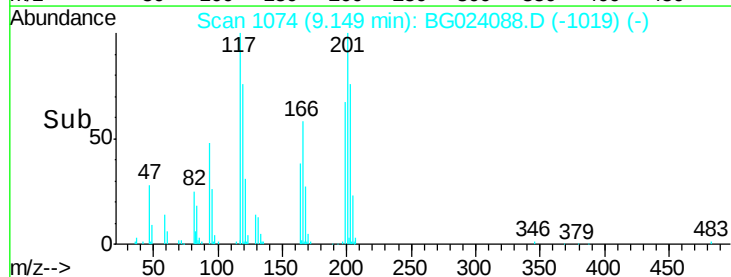
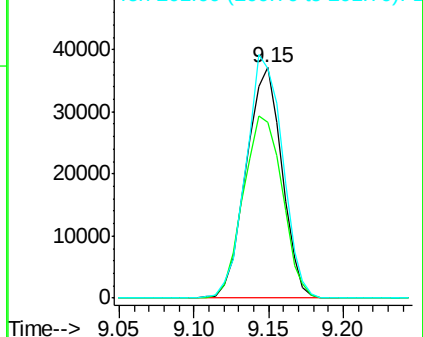


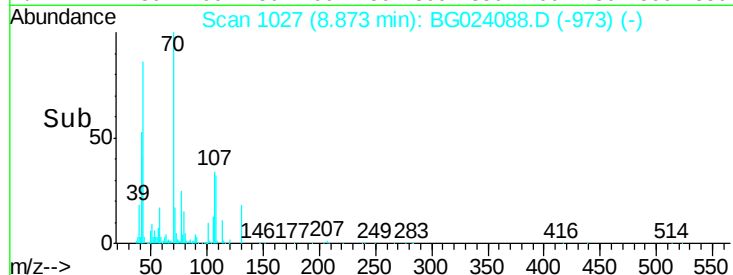
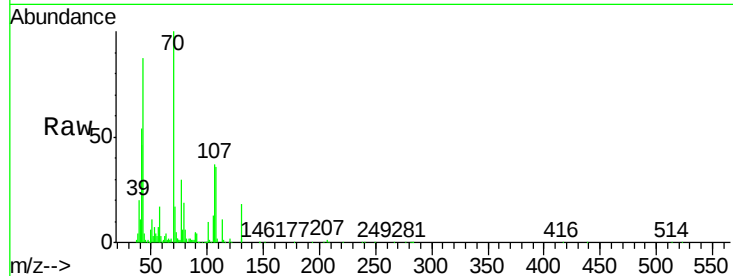
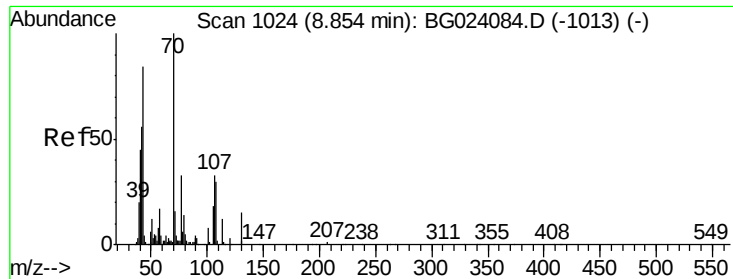
#18
Hexachloroethane
Concen: 40.00 ng
RT: 9.15 min Scan# 1074
Delta R.T. 0.03 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion:	117	Resp:	61371
Ion	Ratio	Lower	Upper
117	100		
119	76.4	73.7	110.5
201	99.6	88.7	133.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

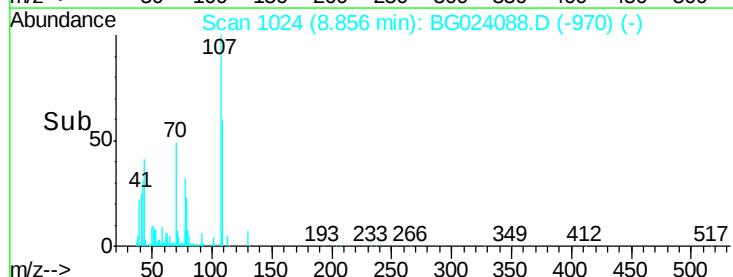
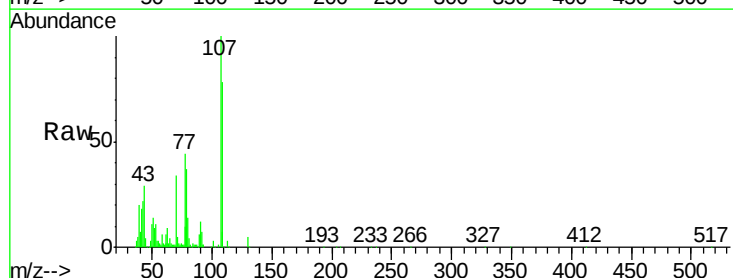
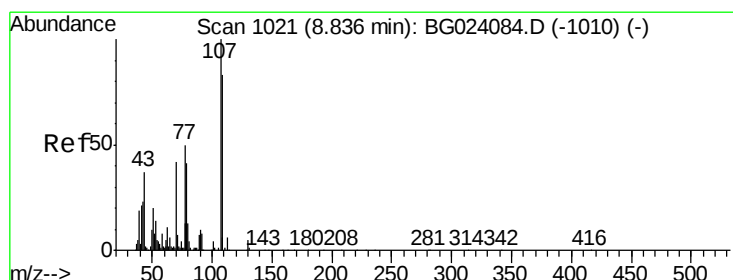
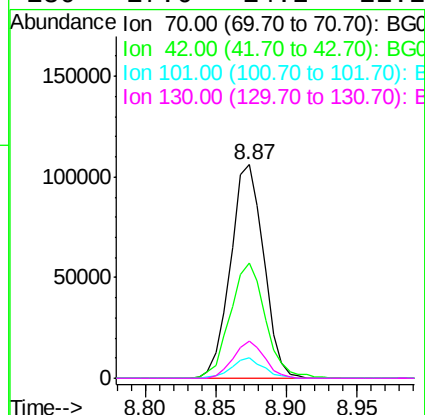




#19
n-Nitroso-di-n-propylamine
Concen: 39.35 ng
RT: 8.87 min Scan# 1027
Delta R.T. 0.02 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

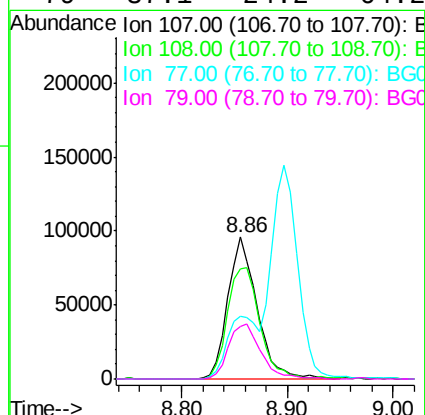
Instrument :
BNA_G
ClientSampleId :
ICVBG092316

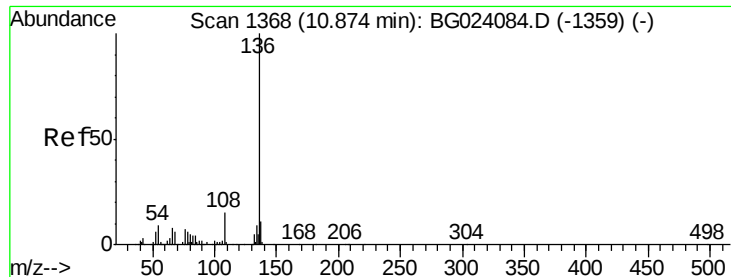
Tgt Ion:	70	Resp:	173810
Ion	Ratio	Lower	Upper
70	100		
42	54.1	42.1	63.1
101	9.8	7.2	10.8
130	17.6	14.2	21.2



#20
3+4-Methylphenols
Concen: 40.31 ng
RT: 8.86 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion:	107	Resp:	184010
Ion	Ratio	Lower	Upper
107	100		
108	77.7	72.5	112.5
77	44.1	30.1	70.1
79	37.1	24.2	64.2

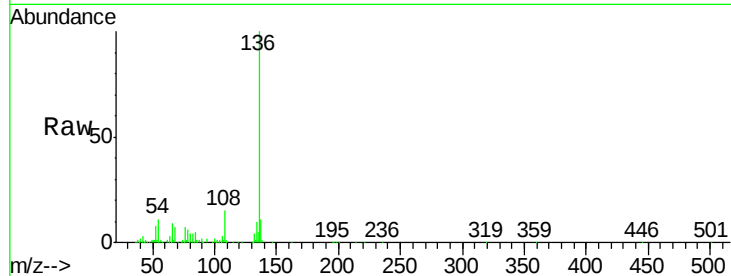




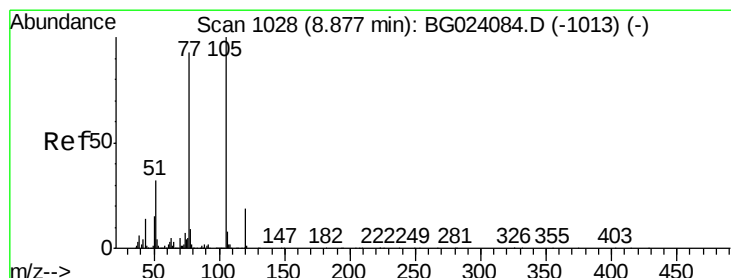
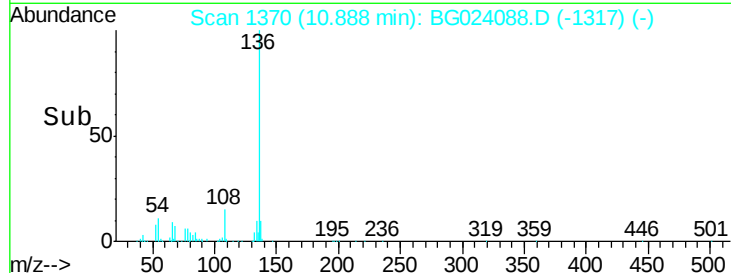
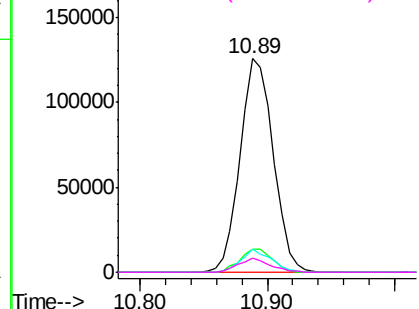
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Instrument :
BNA_G
ClientSampleId :
ICVBG092316

Tgt Ion:	136	Resp:	227475
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	10.9	7.3	10.9#
68	6.9	5.3	7.9

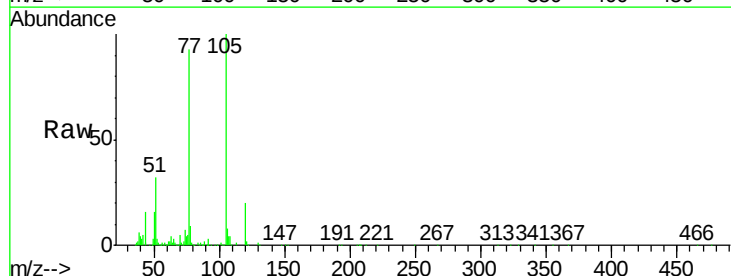


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

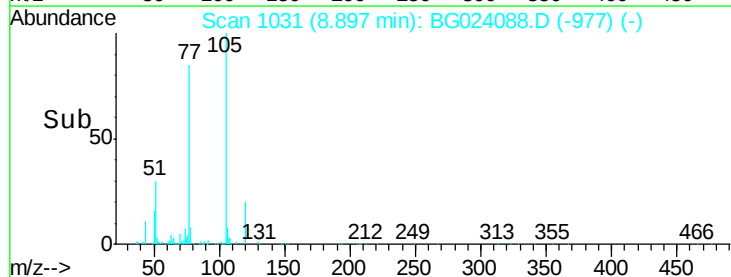
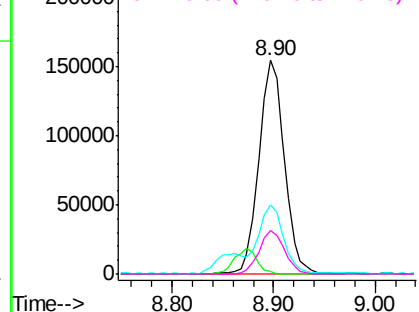


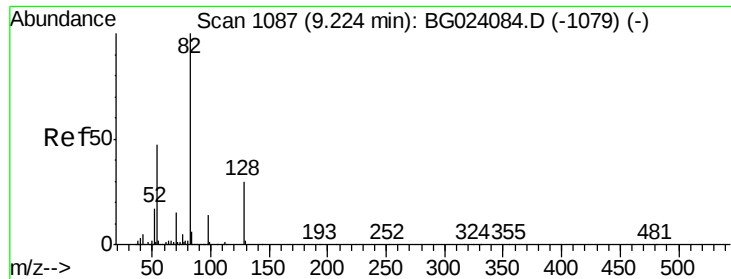
#22
Acetophenone
Concen: 41.07 ng
RT: 8.90 min Scan# 1031
Delta R.T. 0.02 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion:	105	Resp:	269534
Ion	Ratio	Lower	Upper
105	100		
71	1.0	2.6	3.8#
51	32.4	27.1	40.7
120	20.5	15.1	22.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

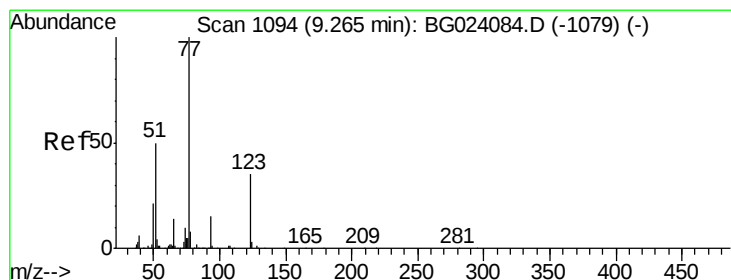
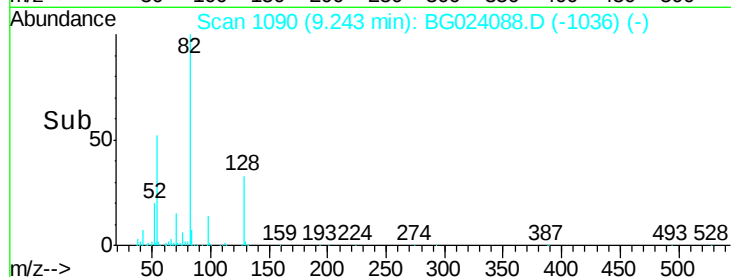
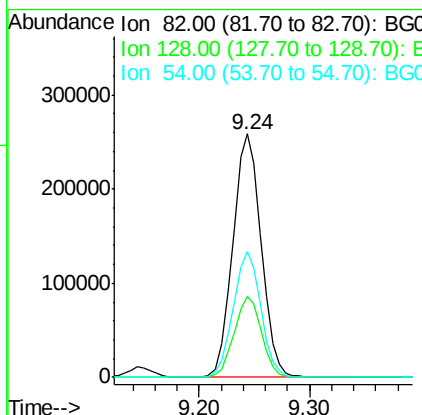
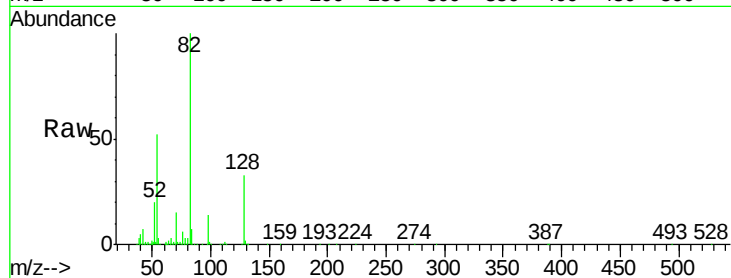




#23
 Nitrobenzene-d5
 Concen: 80.51 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. 0.02 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

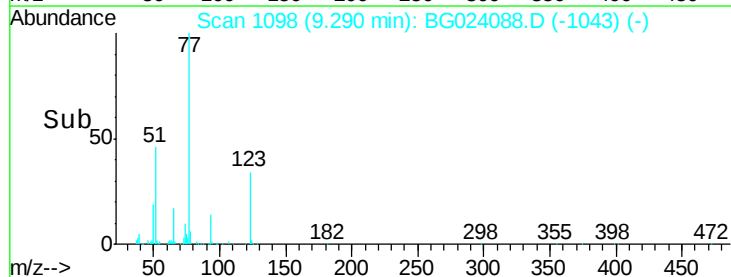
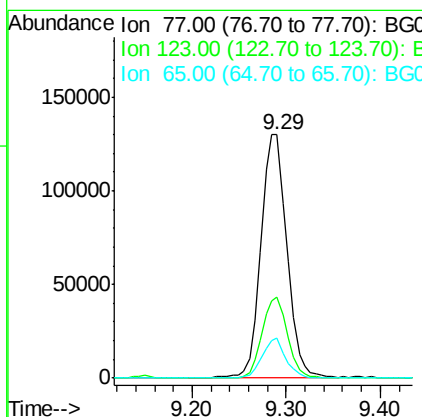
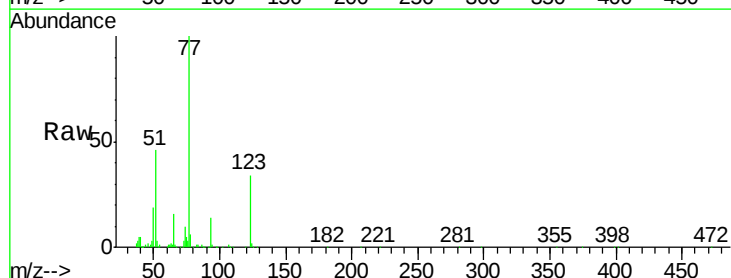
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092316

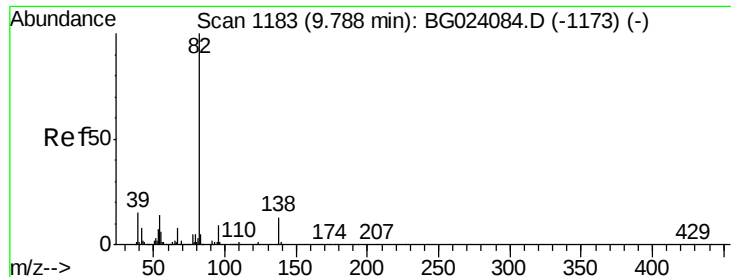
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.3	24.4	36.6
54	51.6	41.4	62.0



#24
 Nitrobenzene
 Concen: 39.88 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. 0.03 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.5	25.0	37.6
65	16.4	13.4	20.0





#25

Isophorone

Concen: 41.19 ng

RT: 9.81 min Scan# 1186

Delta R.T. 0.02 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

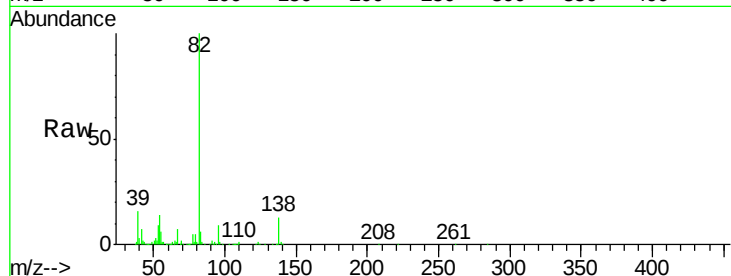
Tgt Ion: 82 Resp: 484940

Ion Ratio Lower Upper

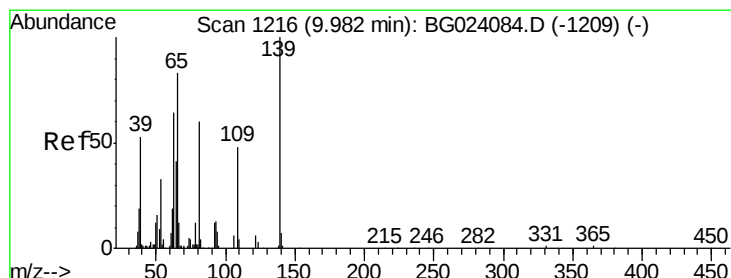
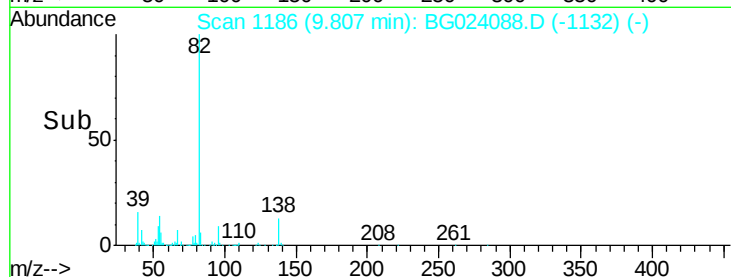
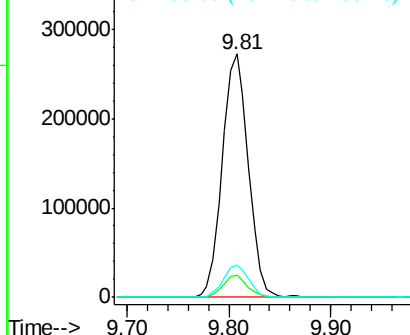
82 100

95 9.3 8.2 12.2

138 13.4 10.7 16.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.76 ng

RT: 10.01 min Scan# 1220

Delta R.T. 0.03 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

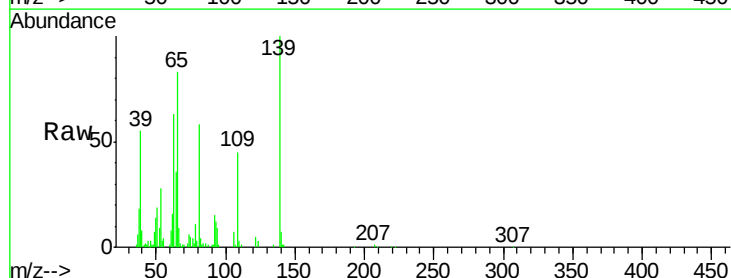
Tgt Ion: 139 Resp: 89433

Ion Ratio Lower Upper

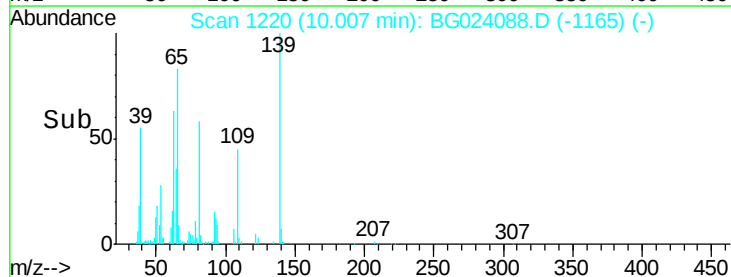
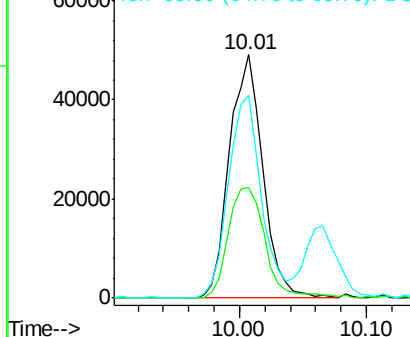
139 100

109 45.4 43.5 65.3

65 83.3 64.3 96.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

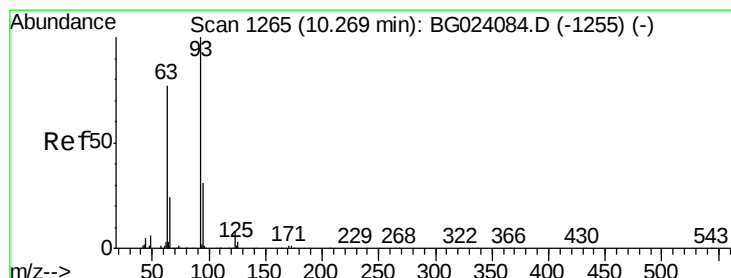
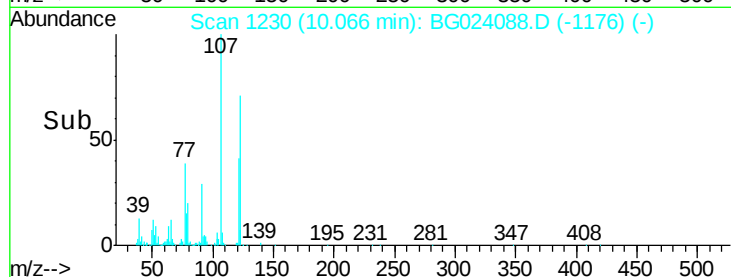
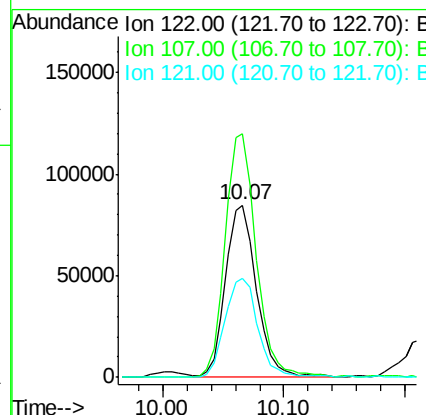
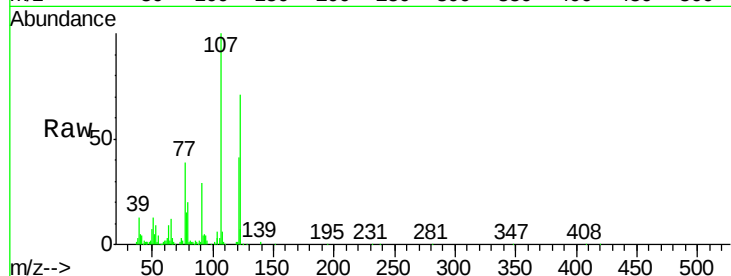




#27
 2,4-Dimethylphenol
 Concen: 40.72 ng
 RT: 10.07 min Scan# 1230
 Delta R.T. 0.02 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

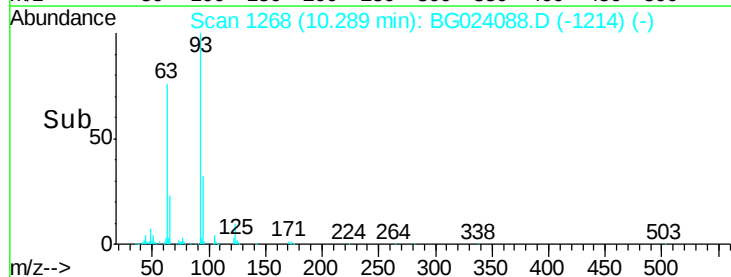
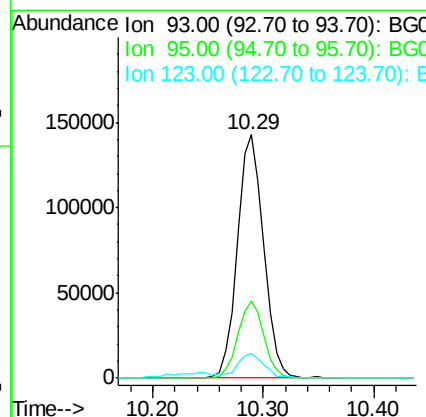
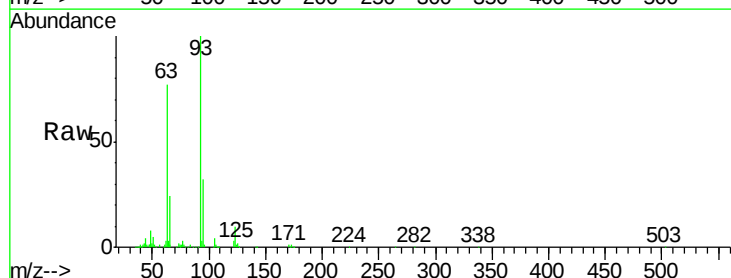
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092316

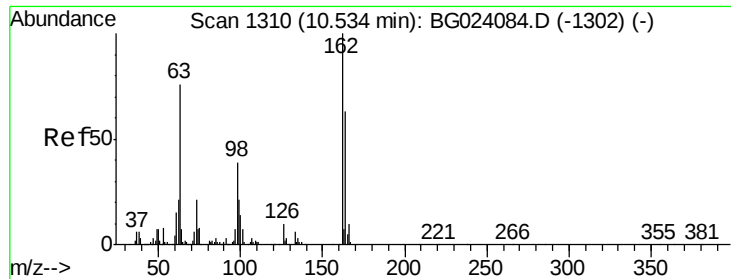
Tgt Ion	Ratio	Lower	Upper
122	100		
107	141.1	117.0	175.4
121	57.6	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.65 ng
 RT: 10.29 min Scan# 1268
 Delta R.T. 0.02 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.2
123	10.1	8.2	12.2

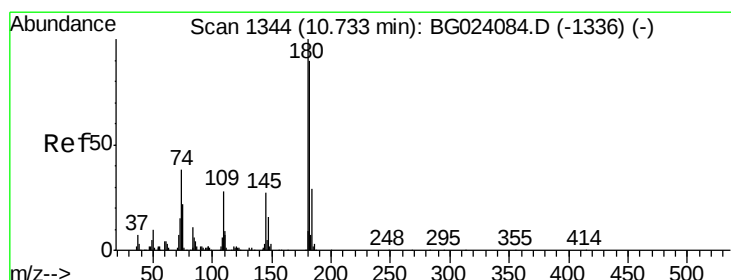
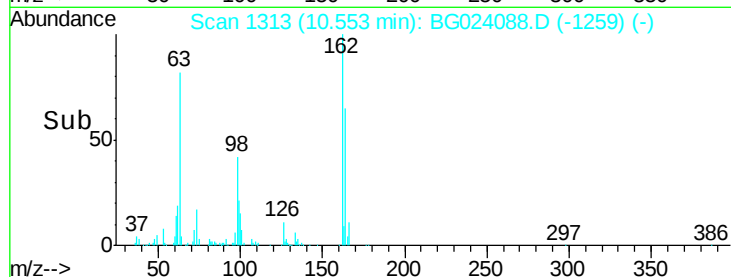
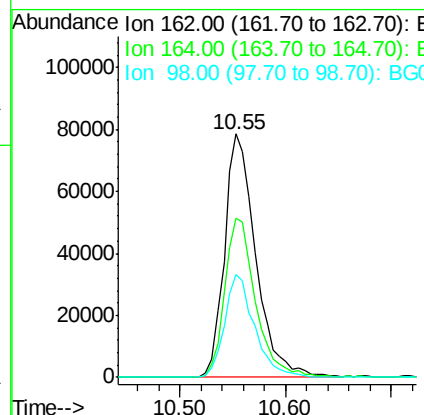
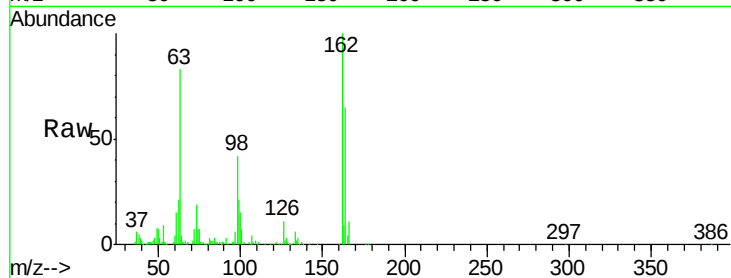




#29
 2,4-Dichlorophenol
 Concen: 42.17 ng
 RT: 10.55 min Scan# 1313
 Delta R.T. 0.02 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

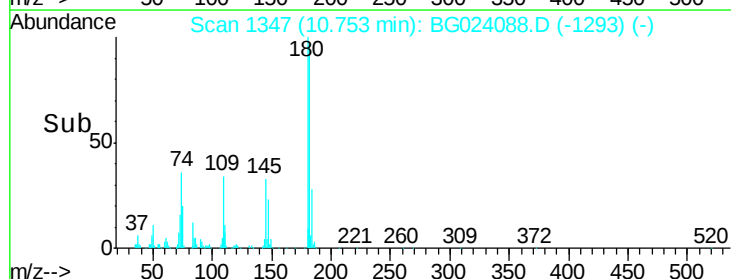
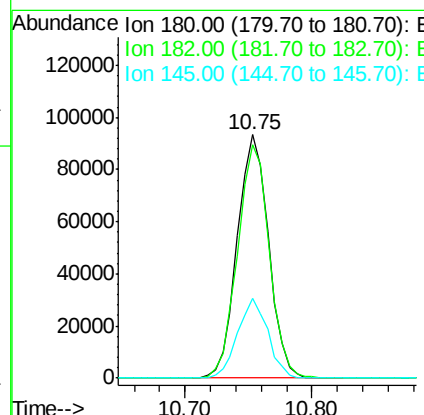
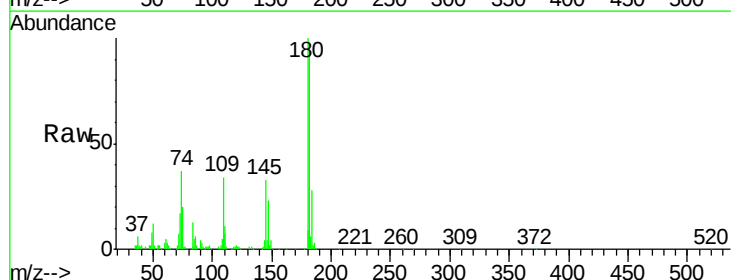
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092316

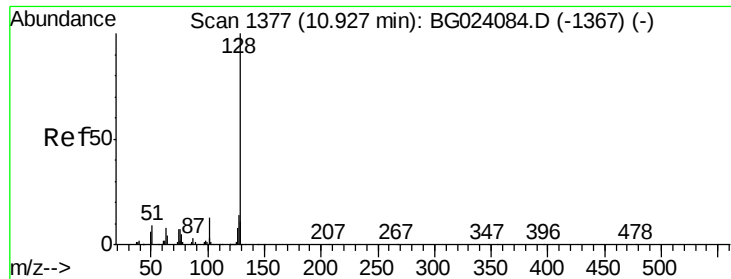
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.3	84.3
98	42.2	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.04 ng
 RT: 10.75 min Scan# 1347
 Delta R.T. 0.02 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	73.8	110.8
145	32.8	24.4	36.6

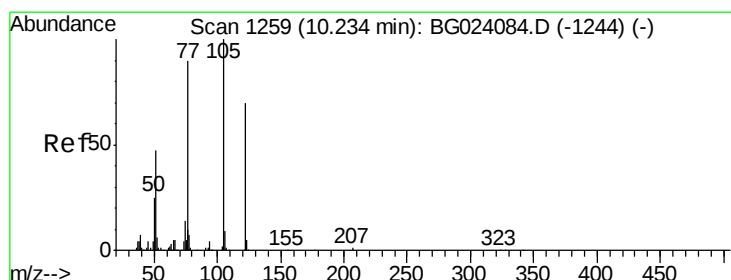
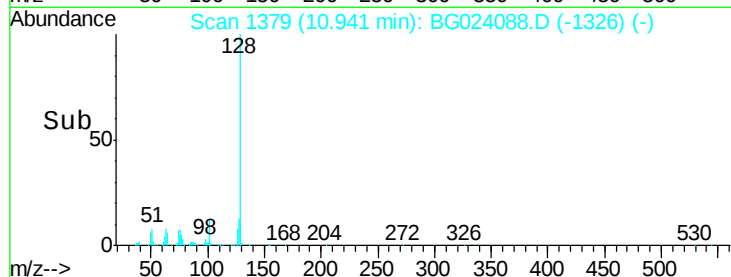
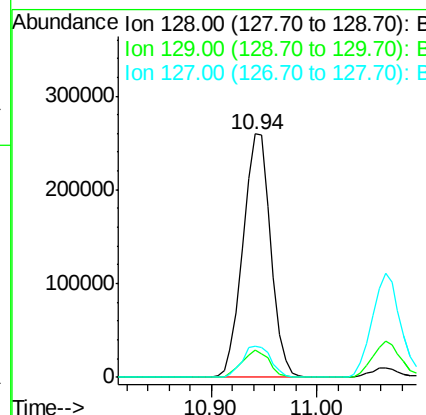
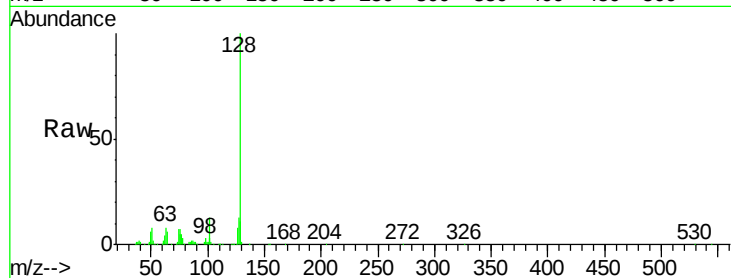




#31
Naphthalene
Concen: 40.85 ng
RT: 10.94 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

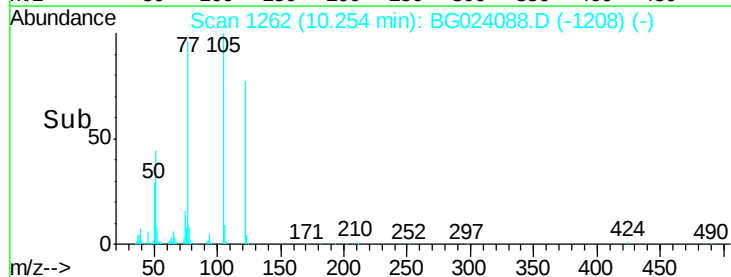
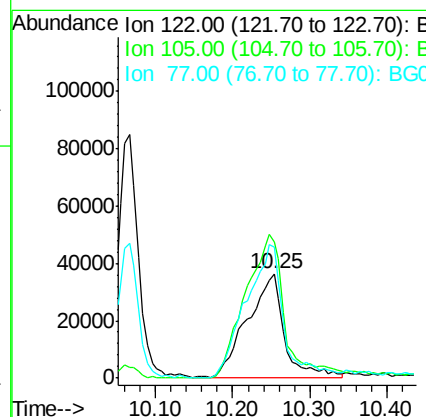
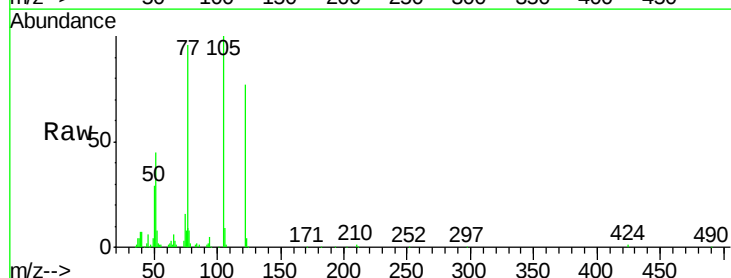
Instrument :
BNA_G
ClientSampleId :
ICVBG092316

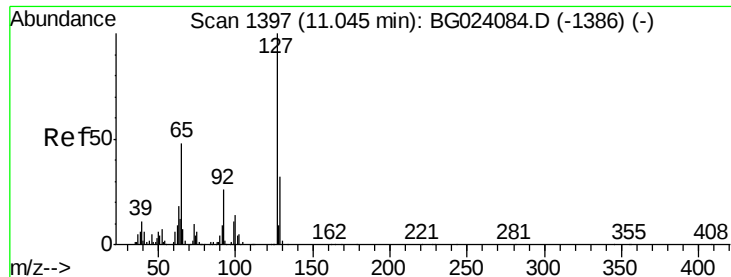
Tgt Ion:128 Resp: 470769
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 12.7 11.3 16.9



#32
Benzoic acid
Concen: 42.40 ng
RT: 10.25 min Scan# 1262
Delta R.T. 0.02 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion:122 Resp: 120116
Ion Ratio Lower Upper
122 100
105 129.9 117.2 157.2
77 125.1 109.2 149.2

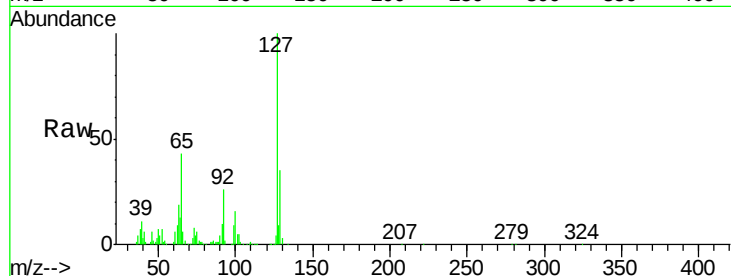




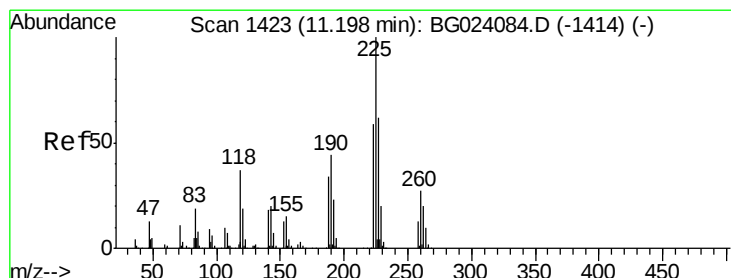
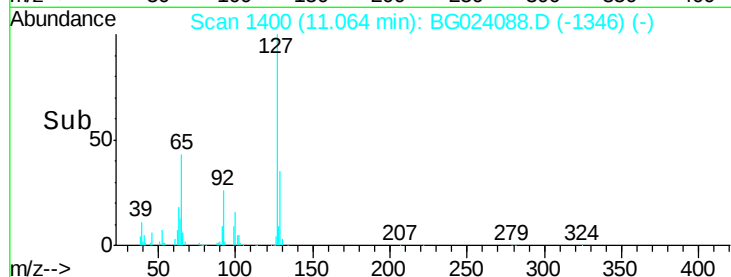
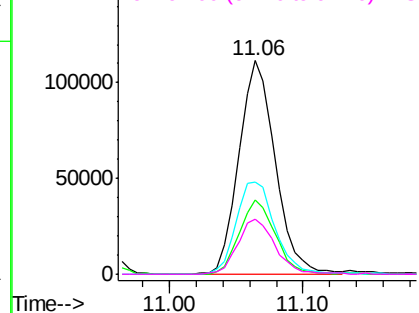
#33
 4-Chloroaniline
 Concen: 41.08 ng
 RT: 11.06 min Scan# 1400
 Delta R.T. 0.02 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092316

Tgt Ion:	127	Resp:	211272
Ion	Ratio	Lower	Upper
127	100		
129	34.8	27.9	41.9
65	43.4	36.8	55.2
92	25.9	21.0	31.6

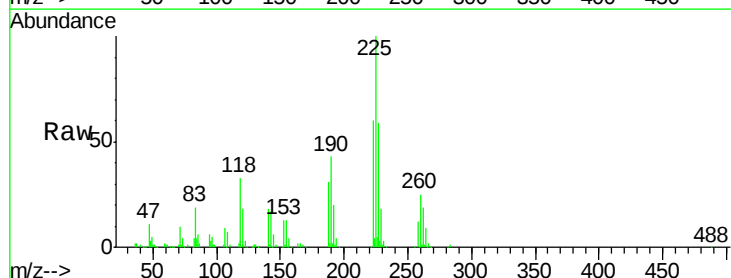


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

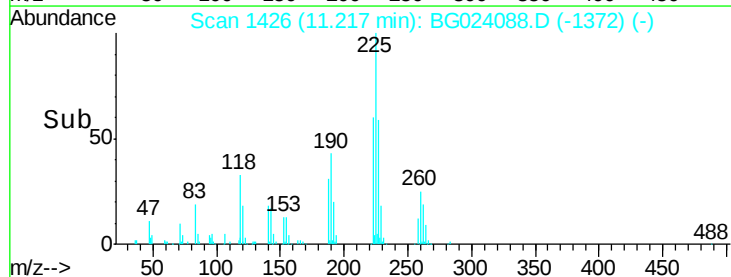
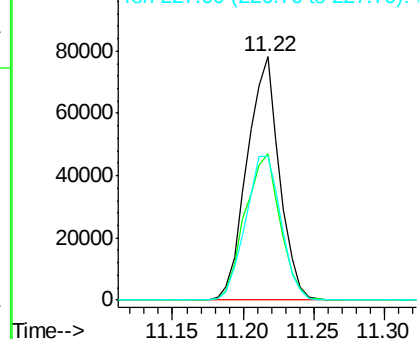


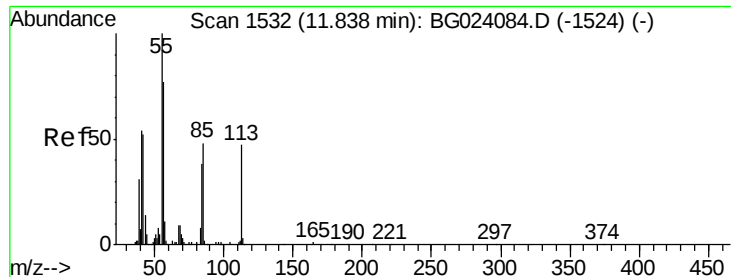
#34
 Hexachlorobutadiene
 Concen: 39.00 ng
 RT: 11.22 min Scan# 1426
 Delta R.T. 0.02 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Tgt Ion:	225	Resp:	125516
Ion	Ratio	Lower	Upper
225	100		
223	60.1	49.6	74.4
227	59.1	54.5	81.7



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





#35

Caprolactam

Concen: 40.90 ng

RT: 11.86 min Scan# 1535

Delta R.T. 0.02 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

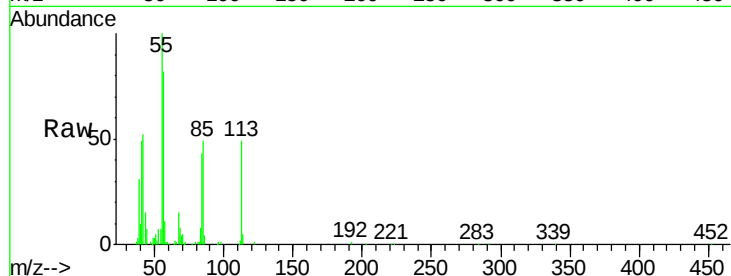
Tgt Ion:113 Resp: 63537

Ion Ratio Lower Upper

113 100

55 204.0 154.5 194.5#

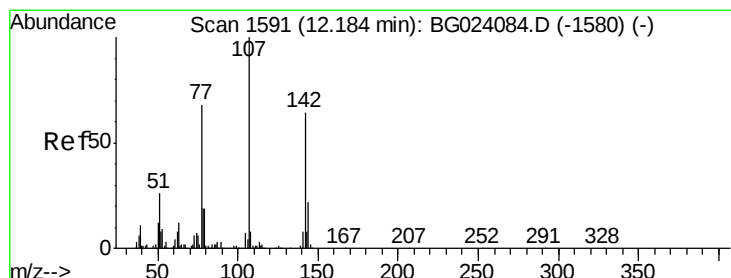
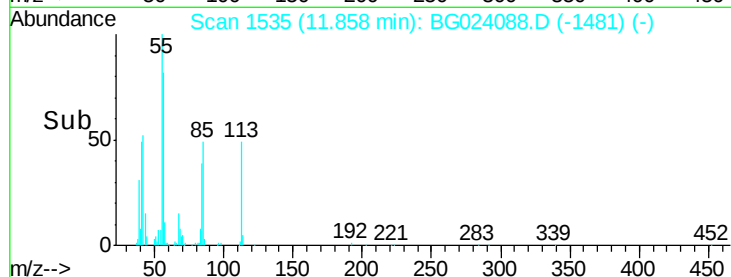
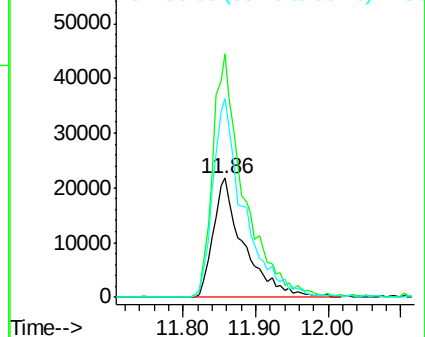
56 166.4 125.1 165.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.01 ng

RT: 12.20 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

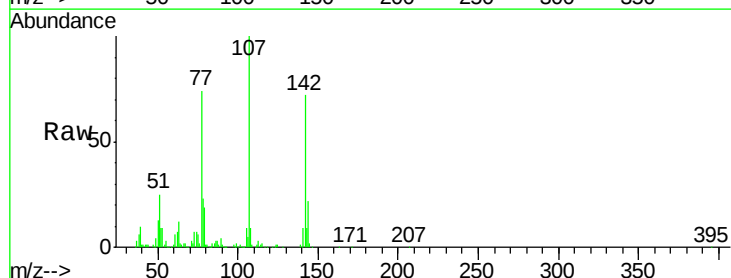
Tgt Ion:107 Resp: 225738

Ion Ratio Lower Upper

107 100

144 22.2 17.0 25.6

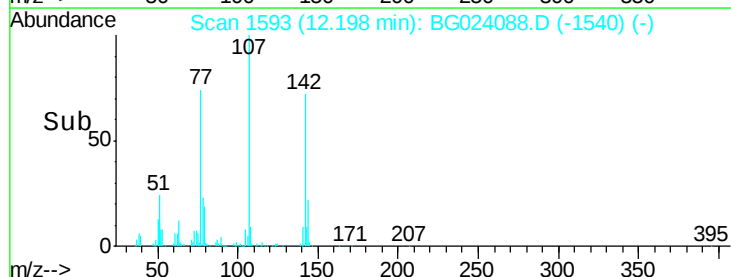
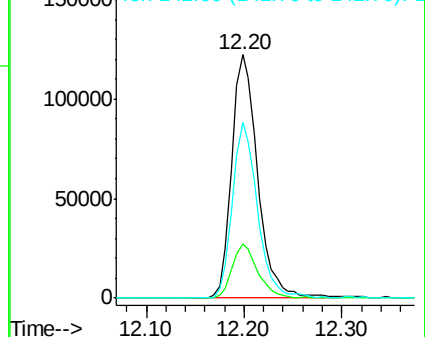
142 72.0 53.0 79.6

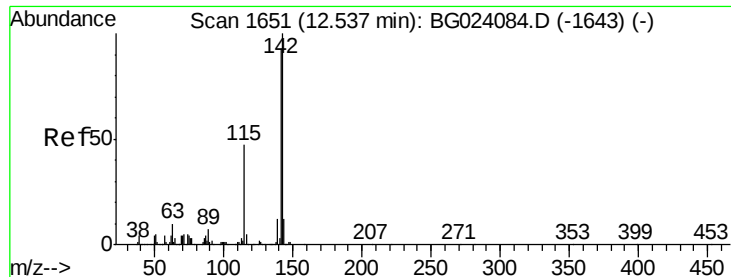


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

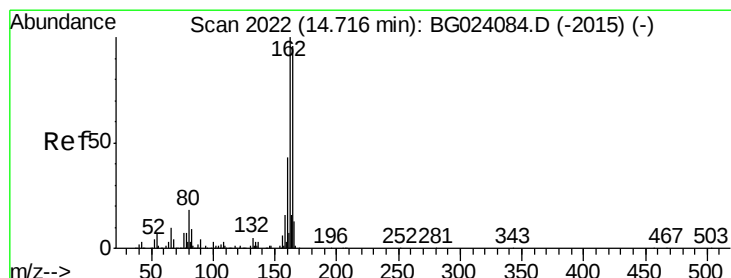
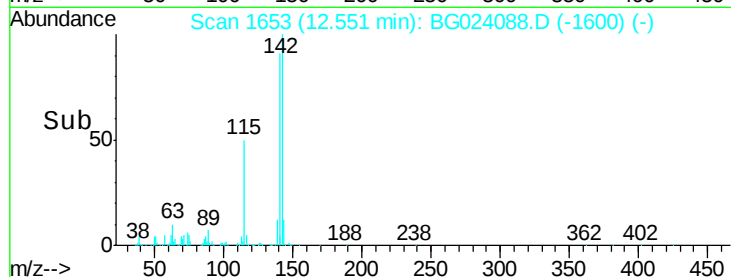
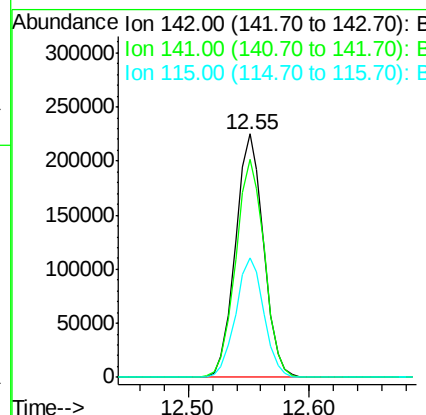
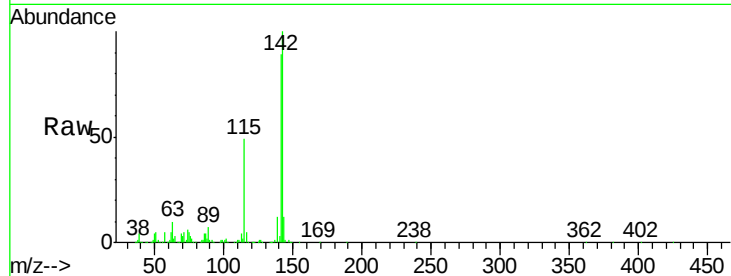




#37
 2-Methylnaphthalene
 Concen: 41.21 ng
 RT: 12.55 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

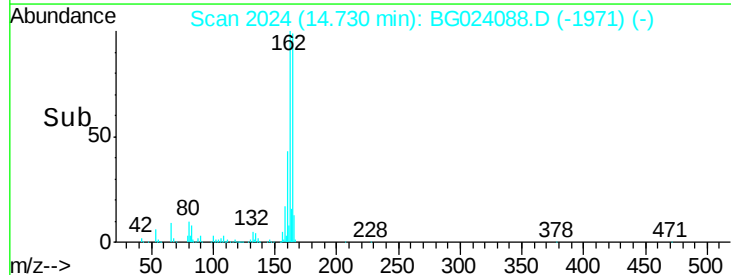
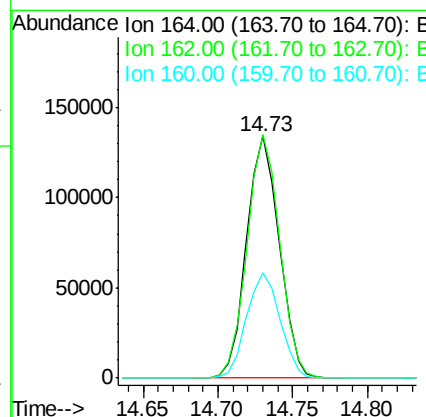
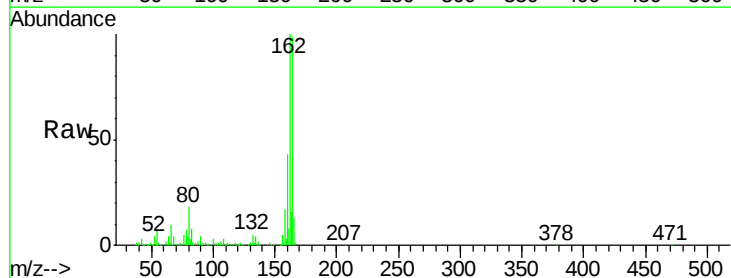
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092316

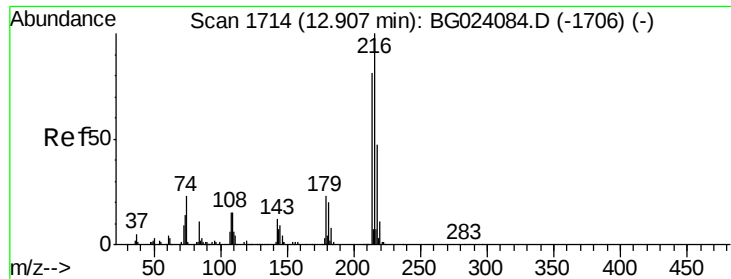
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.2	105.2
115	49.2	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	87.7	131.5
160	43.5	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.90 ng

RT: 12.92 min Scan# 1716

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

Tgt Ion:216 Resp: 236276

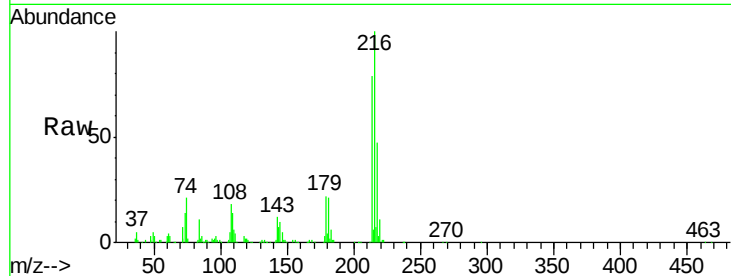
Ion Ratio Lower Upper

216 100

214 79.0 62.9 94.3

179 21.9 17.2 25.8

108 18.8 16.3 24.5

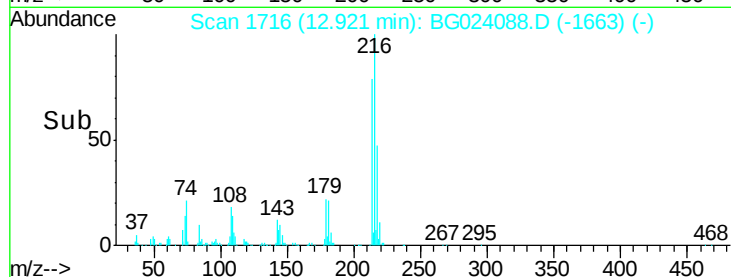


Abundance Ion 216.00 (215.70 to 216.70): E

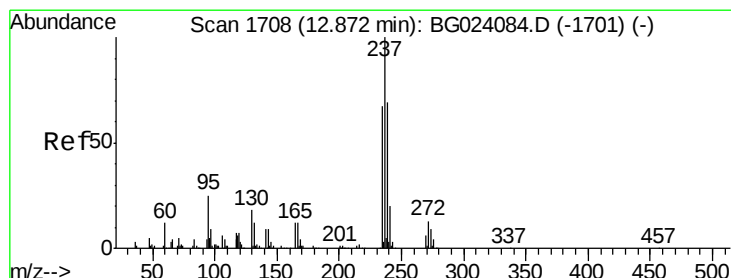
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 40.96 ng

RT: 12.89 min Scan# 1711

Delta R.T. 0.02 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

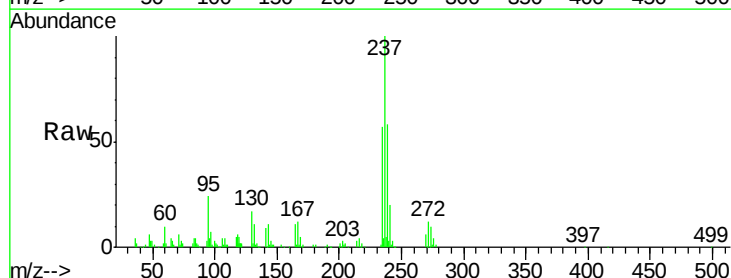
Tgt Ion:237 Resp: 94689

Ion Ratio Lower Upper

237 100

235 57.4 43.1 83.1

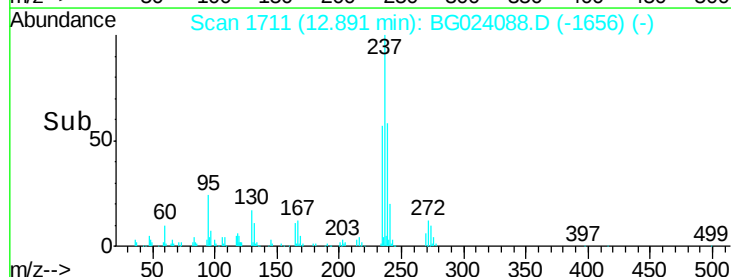
272 12.1 0.0 30.9



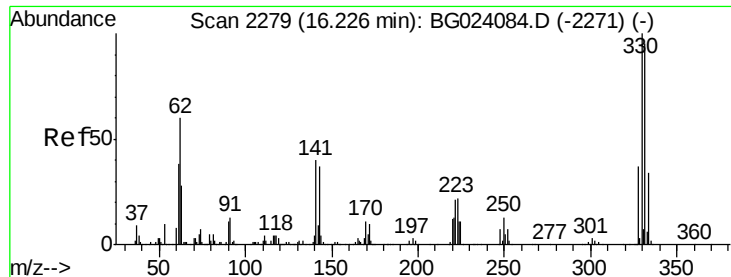
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



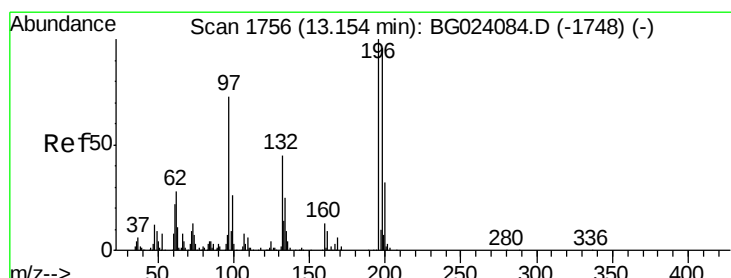
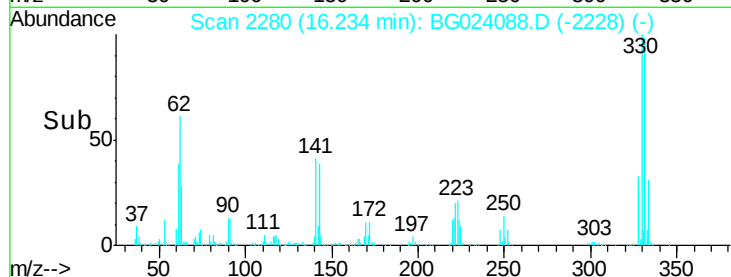
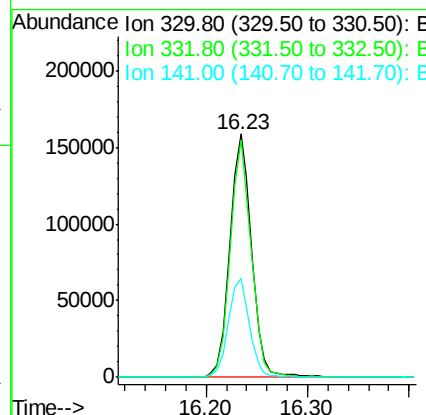
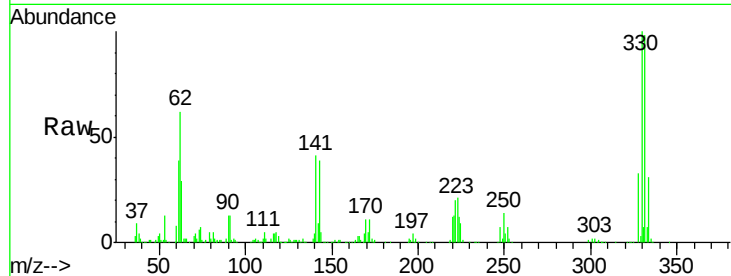
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 81.02 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

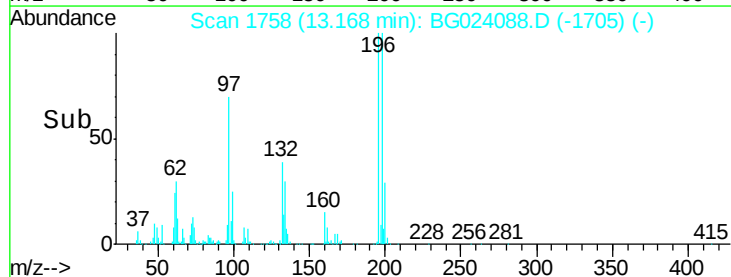
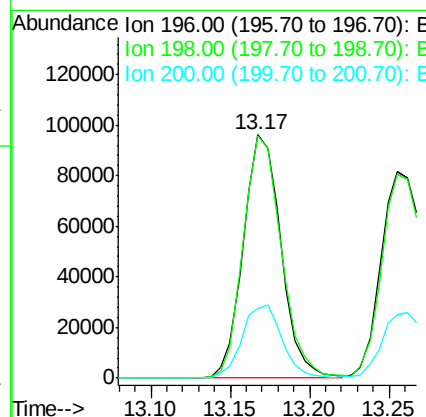
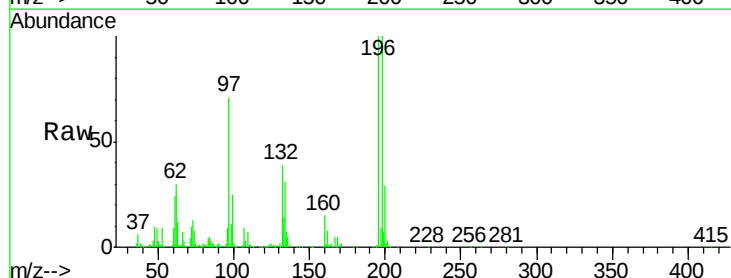
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092316

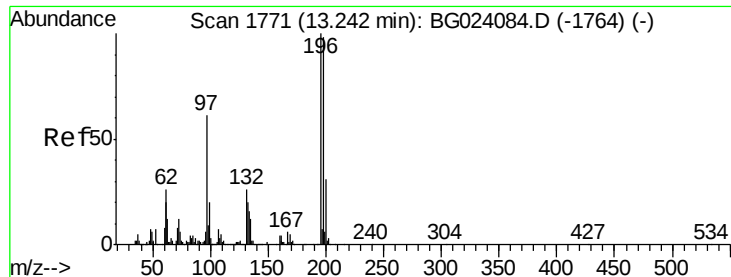
Tgt Ion:330 Resp: 236208
 Ion Ratio Lower Upper
 330 100
 332 93.3 77.4 116.2
 141 39.8 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 41.60 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Tgt Ion:196 Resp: 159320
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.2 117.2
 200 28.7 27.0 40.4

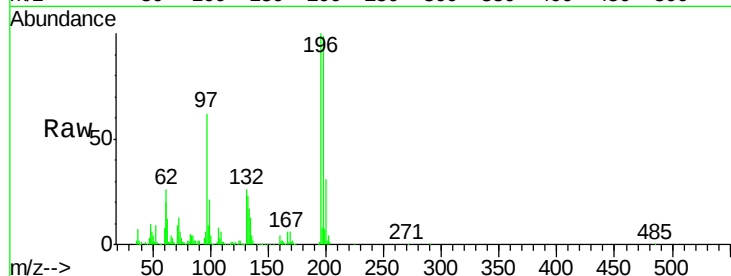




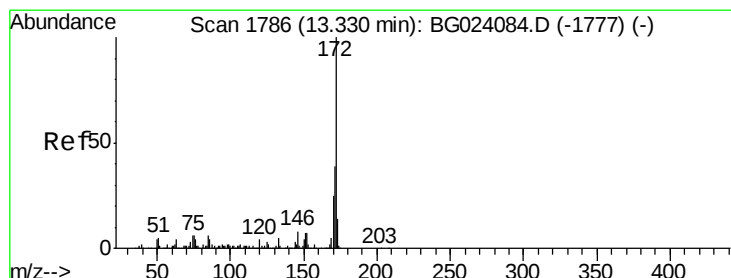
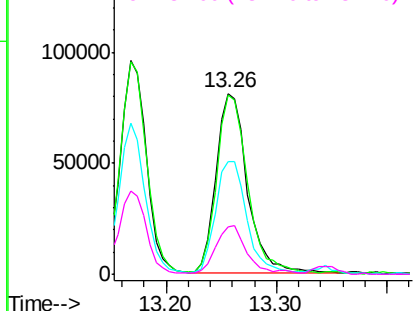
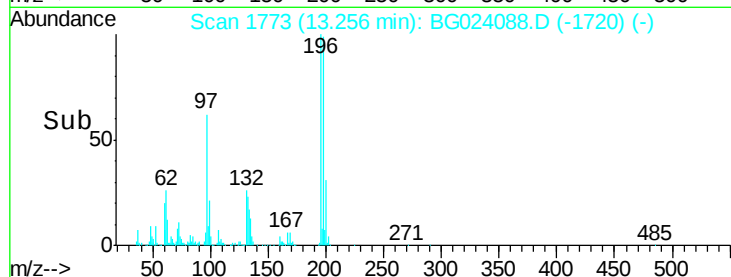
#43
 2,4,5-Trichlorophenol
 Concen: 40.62 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092316

Tgt Ion:	196	Resp:	160073
Ion	Ratio	Lower	Upper
196	100		
198	99.1	85.7	128.5
97	62.1	45.5	68.3
132	26.4	18.9	28.3

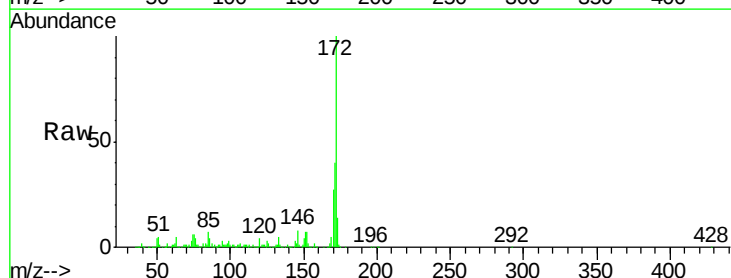


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

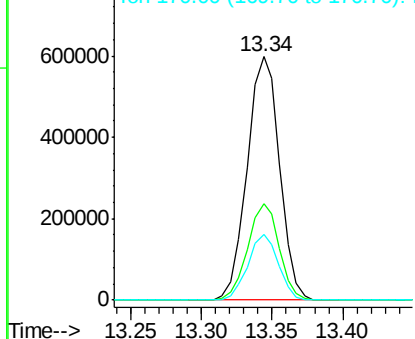
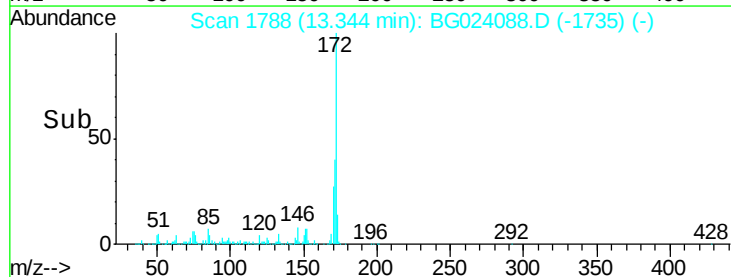


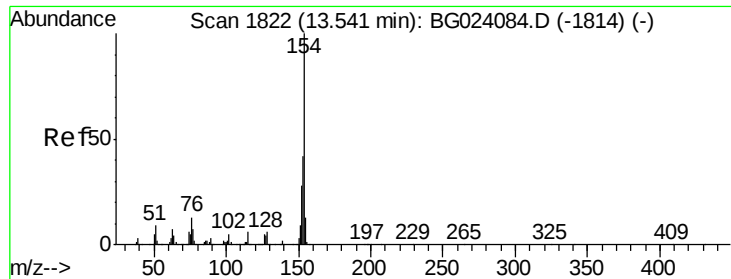
#44
 2-Fluorobiphenyl
 Concen: 79.75 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Tgt Ion:	172	Resp:	962356
Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.6	47.4
170	27.1	21.3	31.9



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

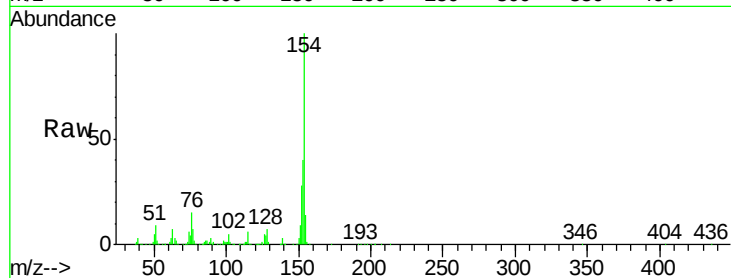




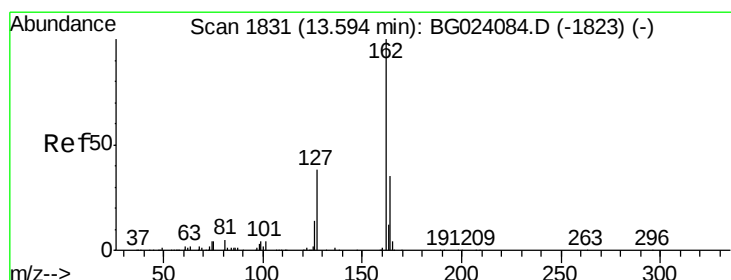
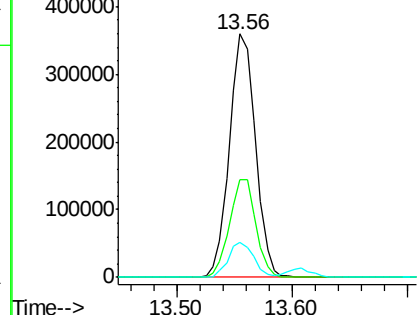
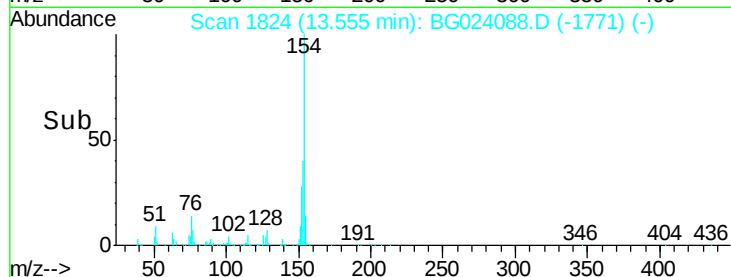
#45
 1,1'-Biphenyl
 Concen: 40.58 ng
 RT: 13.56 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092316

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.2	60.2
76	14.5	0.0	32.9

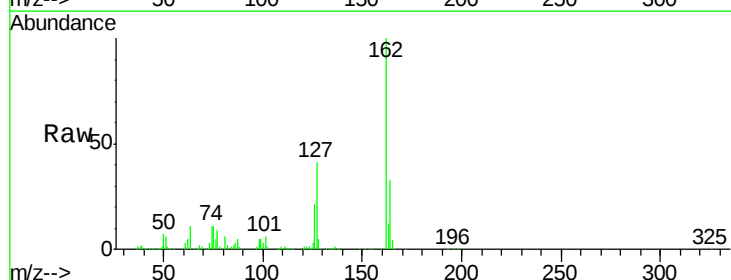


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

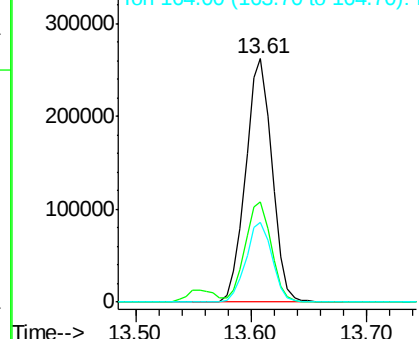
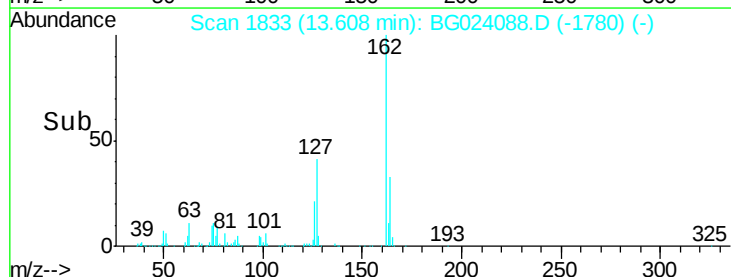


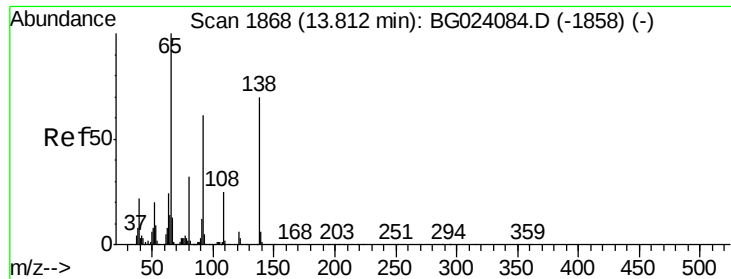
#46
 2-Chloronaphthalene
 Concen: 40.08 ng
 RT: 13.61 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.4	48.6
164	32.9	25.2	37.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

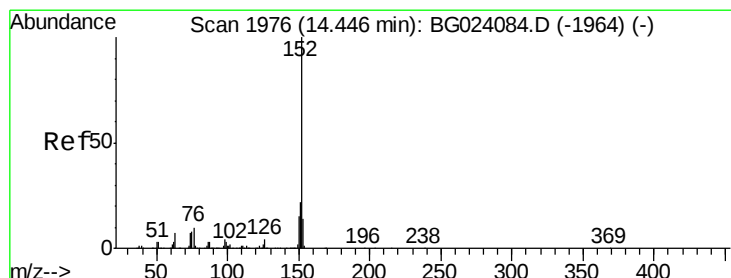
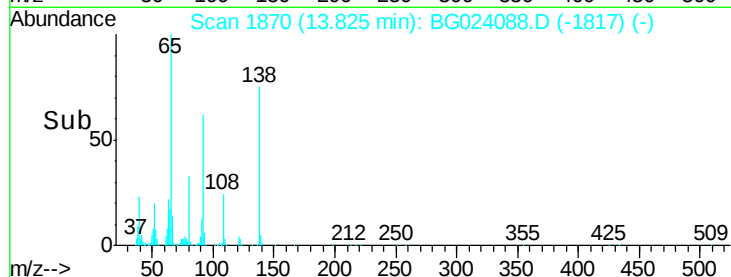
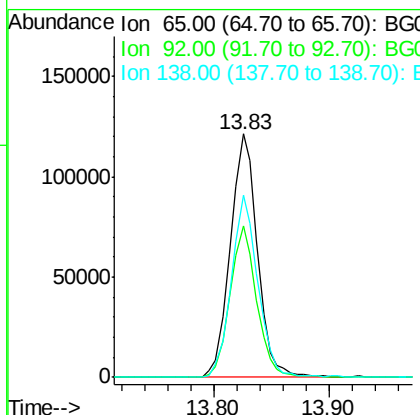
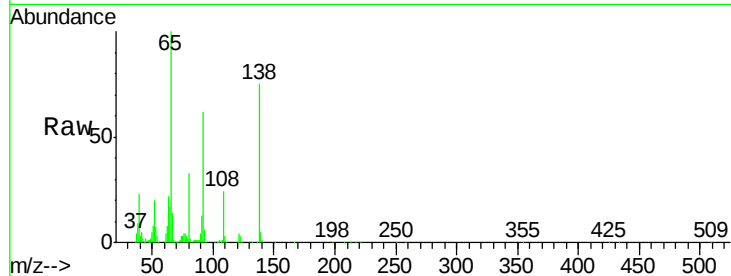




#47
2-Nitroaniline
Concen: 40.96 ng
RT: 13.83 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

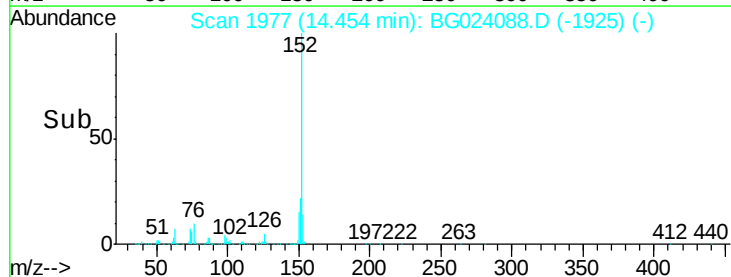
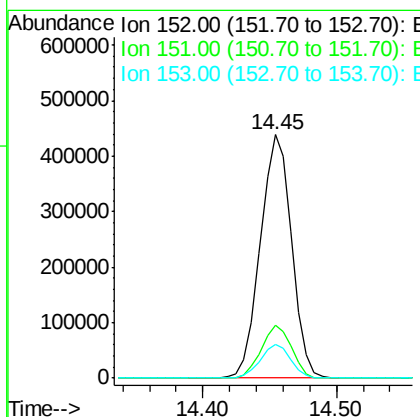
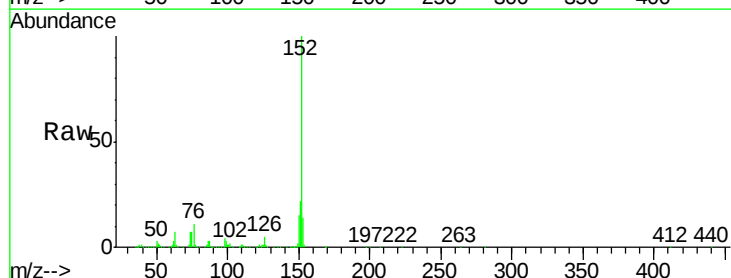
Instrument :
BNA_G
ClientSampleId :
ICVBG092316

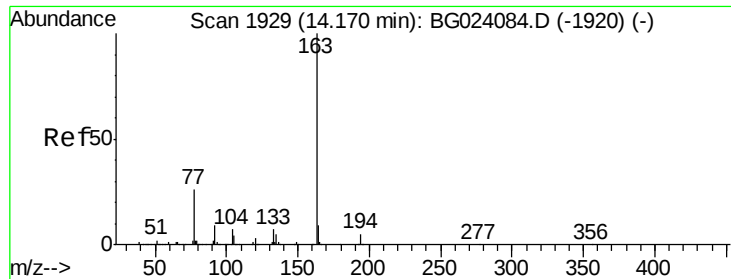
Tgt Ion: 65 Resp: 197368
Ion Ratio Lower Upper
65 100
92 62.1 49.4 74.0
138 74.9 58.0 87.0



#48
Acenaphthylene
Concen: 40.30 ng
RT: 14.45 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion: 152 Resp: 708504
Ion Ratio Lower Upper
152 100
151 21.8 17.6 26.4
153 14.0 11.4 17.2





#49

Dimethylphthalate

Concen: 40.37 ng

RT: 14.18 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

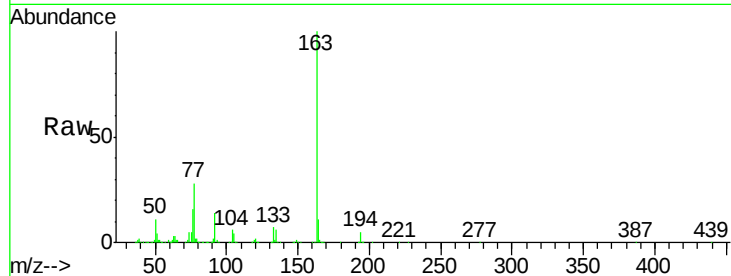
Tgt Ion:163 Resp: 628223

Ion Ratio Lower Upper

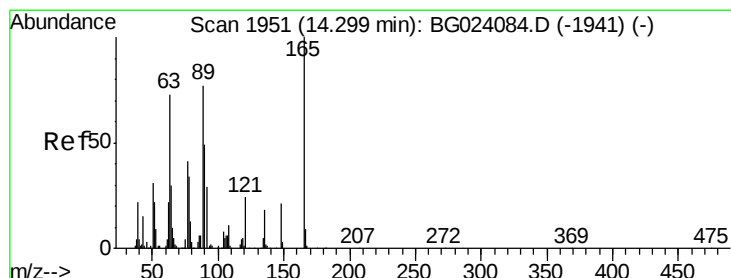
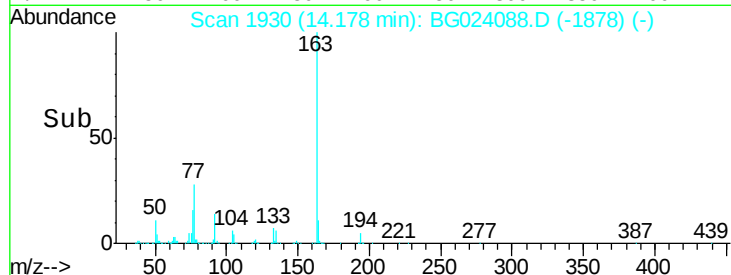
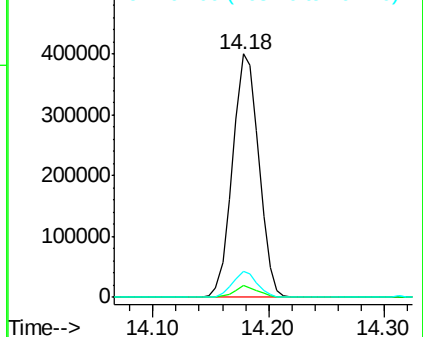
163 100

194 4.7 3.6 5.4

164 10.5 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



#50

2,6-Dinitrotoluene

Concen: 41.60 ng

RT: 14.31 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

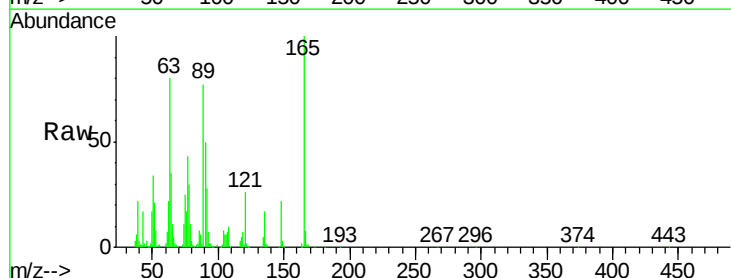
Tgt Ion:165 Resp: 135966

Ion Ratio Lower Upper

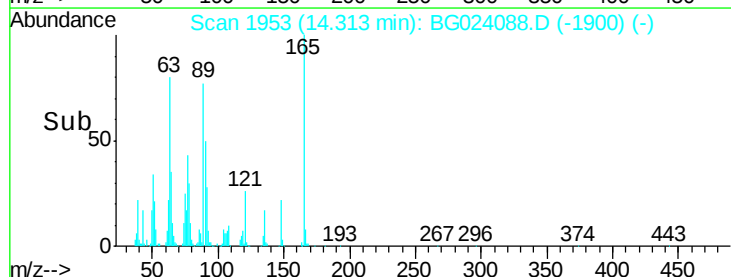
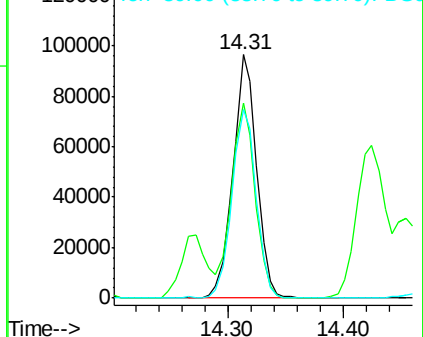
165 100

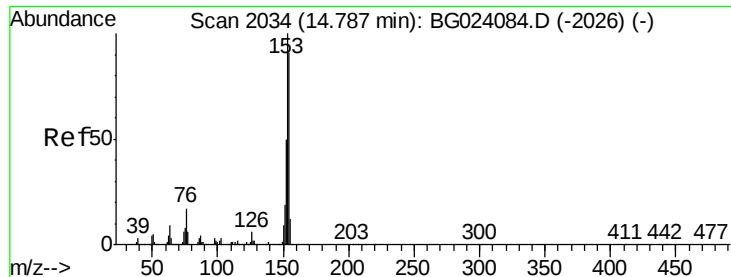
63 80.2 64.3 96.5

89 77.3 64.3 96.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.62 ng

RT: 14.79 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

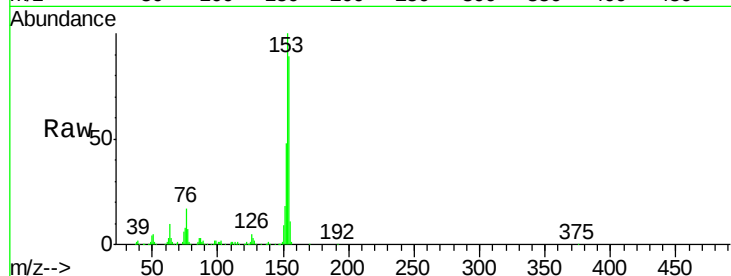
Tgt Ion:154 Resp: 422507

Ion Ratio Lower Upper

154 100

153 112.6 87.5 131.3

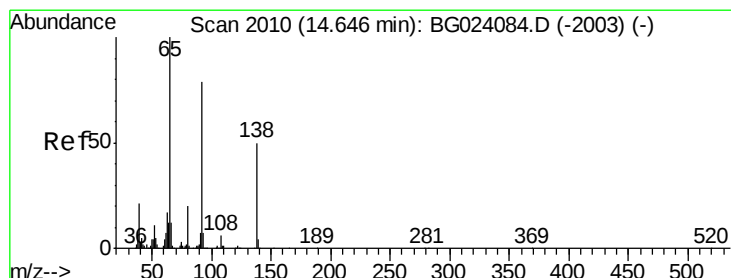
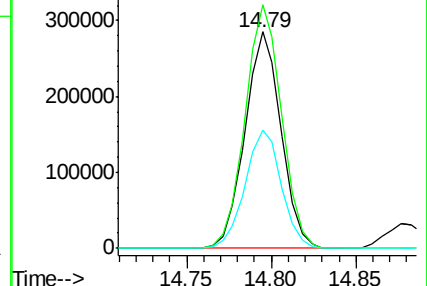
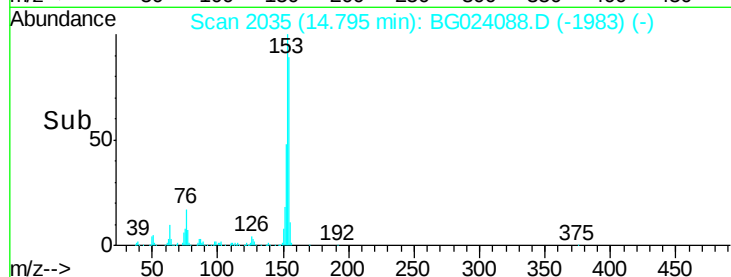
152 54.4 42.7 64.1



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



#52

3-Nitroaniline

Concen: 41.52 ng

RT: 14.65 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

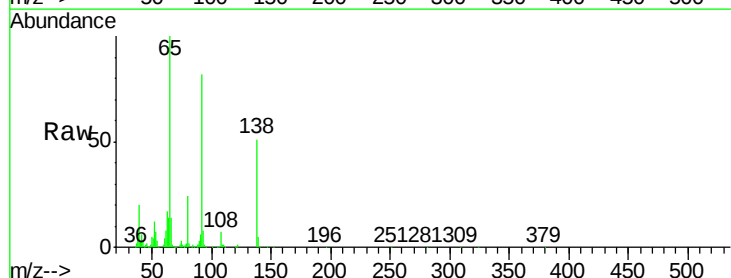
Tgt Ion:138 Resp: 135555

Ion Ratio Lower Upper

138 100

108 13.1 11.7 17.5

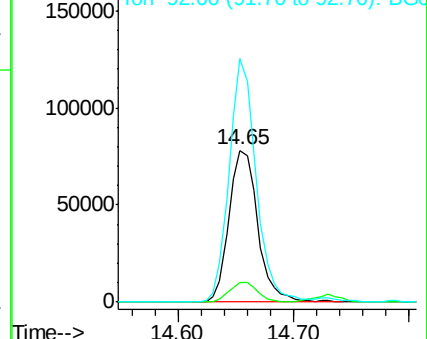
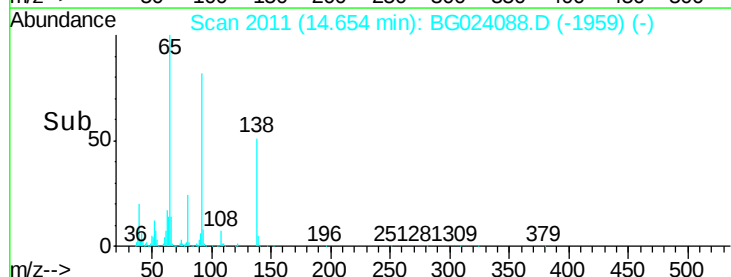
92 160.5 129.7 194.5

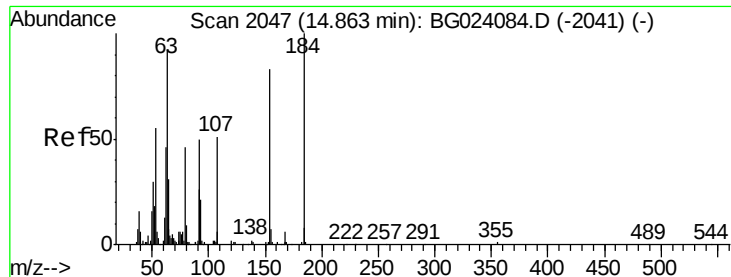


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

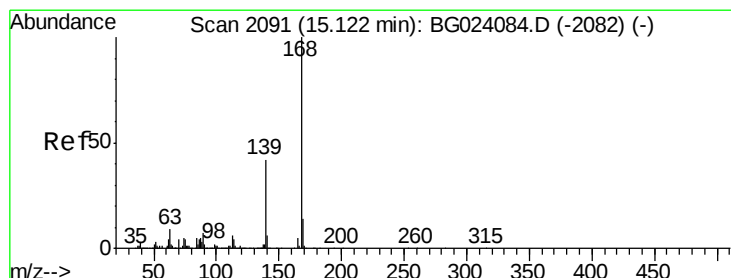
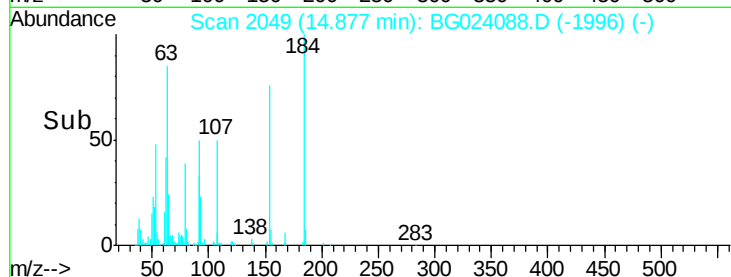
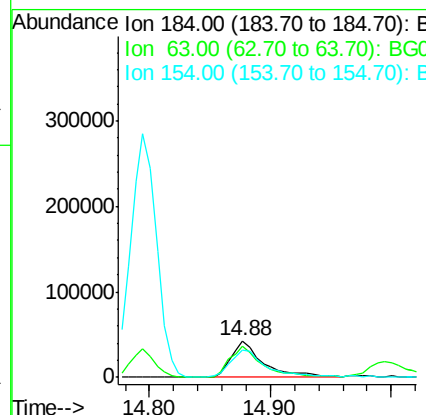
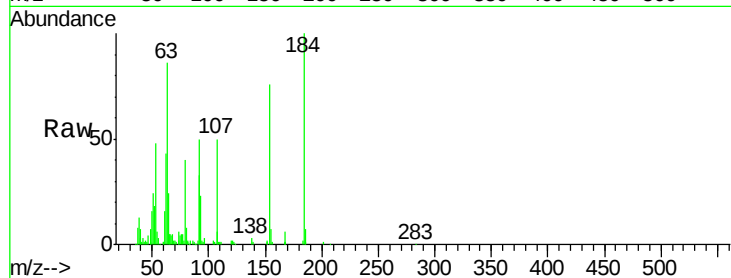




#53
2,4-Dinitrophenol
Concen: 40.12 ng
RT: 14.88 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

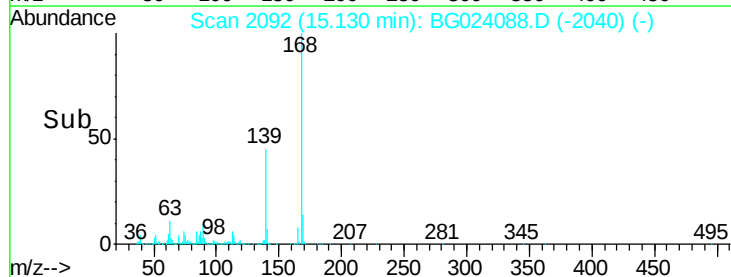
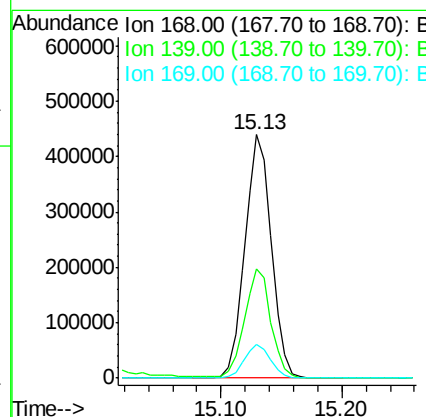
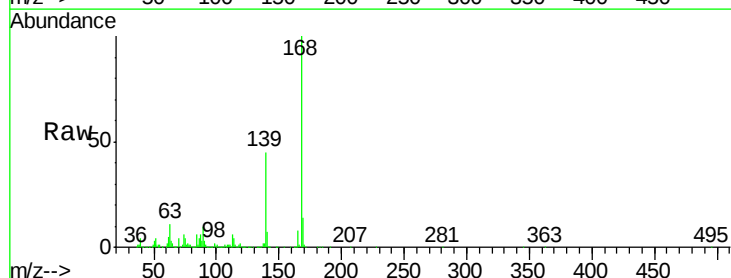
Instrument :
BNA_G
ClientSampleId :
ICVBG092316

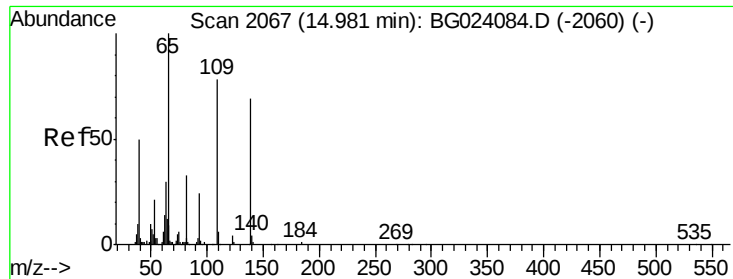
Tgt Ion:184 Resp: 79158
Ion Ratio Lower Upper
184 100
63 85.6 59.6 89.4
154 75.6 67.4 101.0



#54
Dibenzofuran
Concen: 40.30 ng
RT: 15.13 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion:168 Resp: 669054
Ion Ratio Lower Upper
168 100
139 44.9 36.4 54.6
169 13.9 11.9 17.9

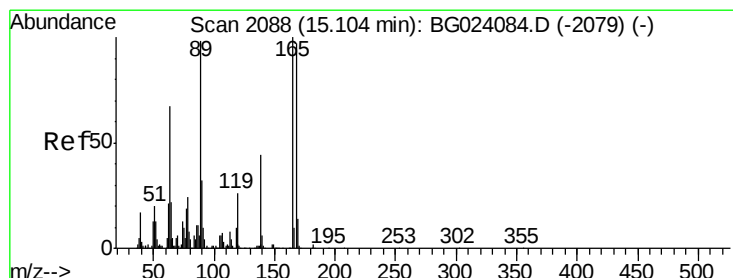
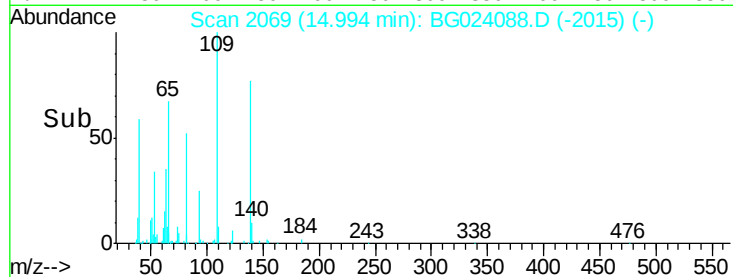
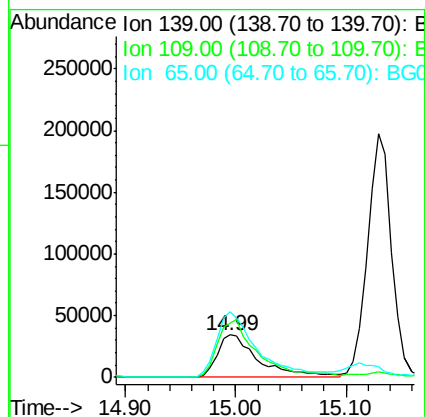
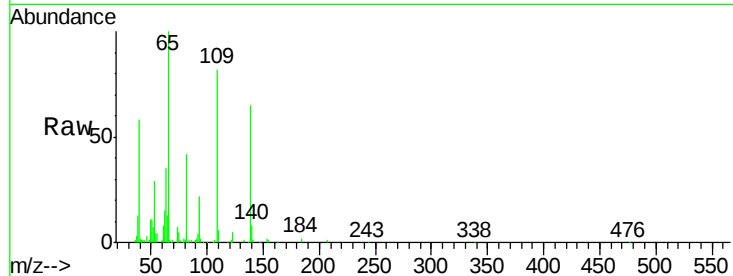




#55
4-Nitrophenol
Concen: 37.81 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

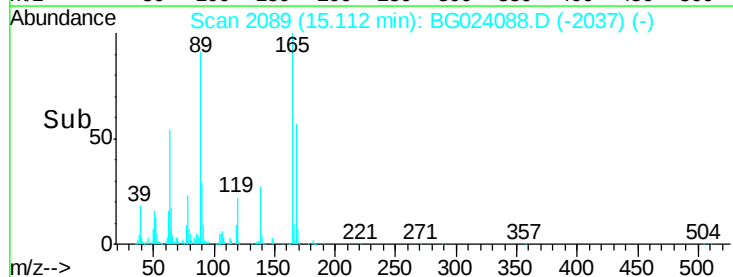
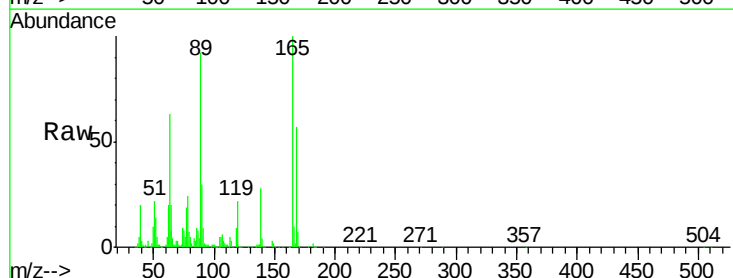
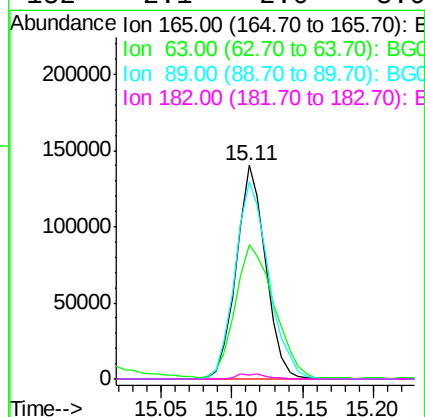
Instrument :
BNA_G
ClientSampleId :
ICVBG092316

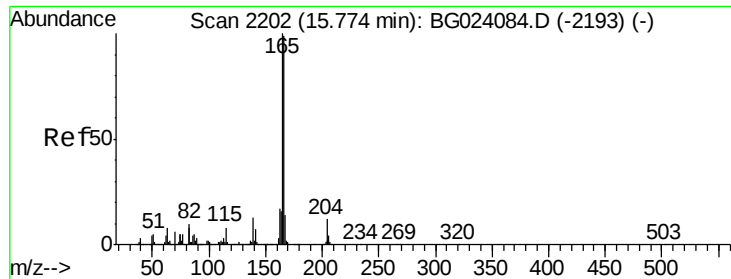
Tgt Ion:139 Resp: 90180
Ion Ratio Lower Upper
139 100
109 126.7 103.0 143.0
65 154.8 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 40.82 ng
RT: 15.11 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion:165 Resp: 203029
Ion Ratio Lower Upper
165 100
63 63.1 45.8 68.6
89 92.3 68.6 102.8
182 2.1 2.0 3.0





#57

Fluorene

Concen: 39.89 ng

RT: 15.78 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

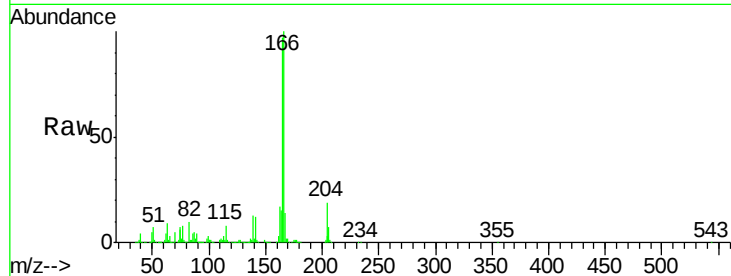
Tgt Ion:166 Resp: 576482

Ion Ratio Lower Upper

166 100

165 97.5 81.0 121.6

167 13.7 12.0 18.0

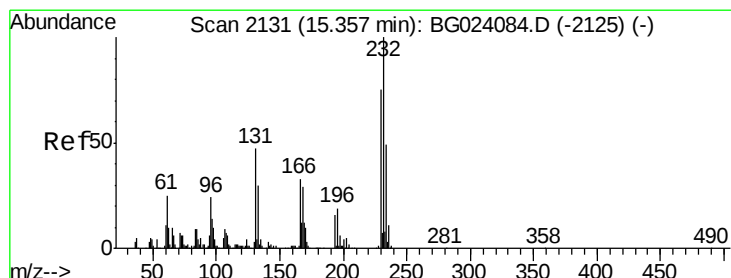
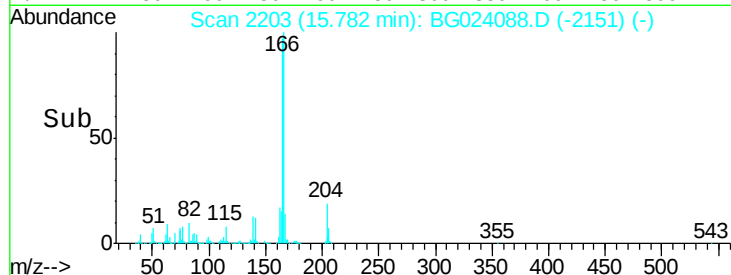
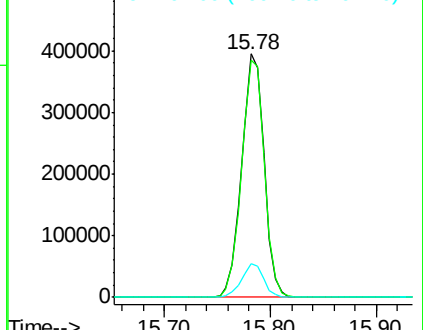


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.98 ng

RT: 15.37 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Tgt Ion:232 Resp: 152155

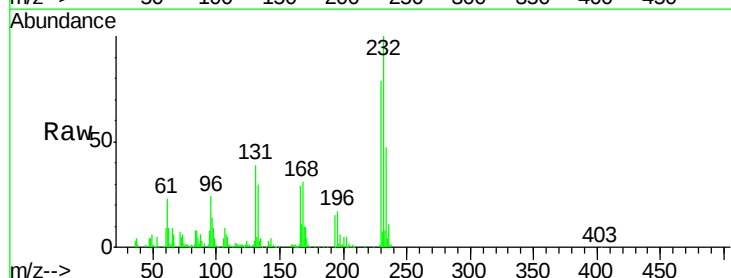
Ion Ratio Lower Upper

232 100

131 45.7 32.7 49.1

130 2.9 2.6 3.8

166 31.2 23.0 34.6



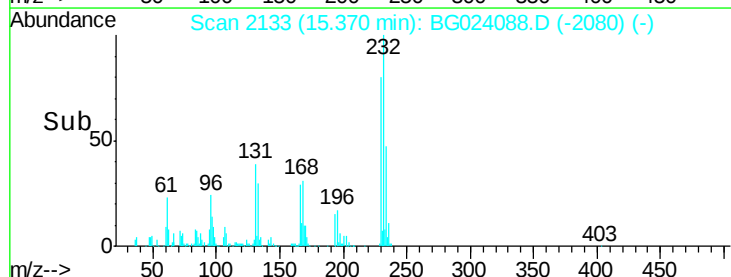
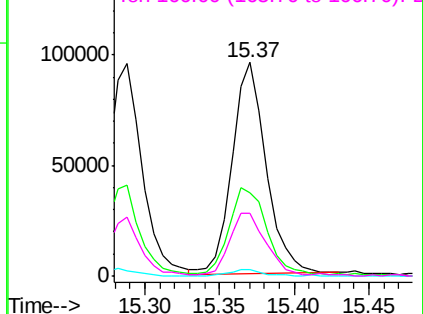
Abundance

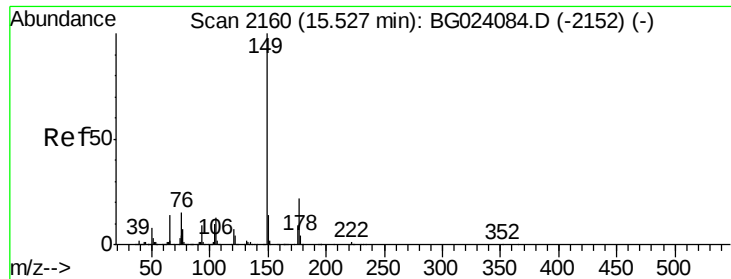
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.55 ng

RT: 15.54 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

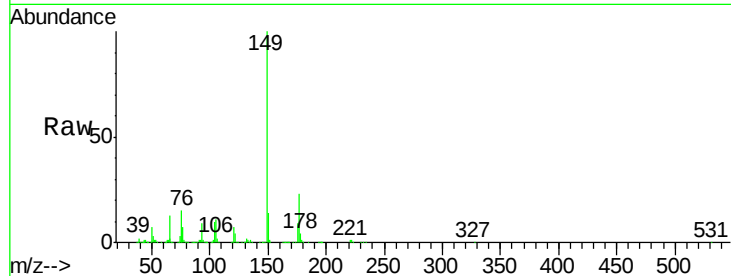
Tgt Ion:149 Resp: 662770

Ion Ratio Lower Upper

149 100

177 22.9 19.2 28.8

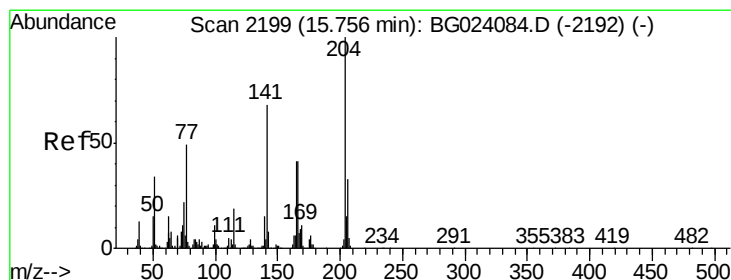
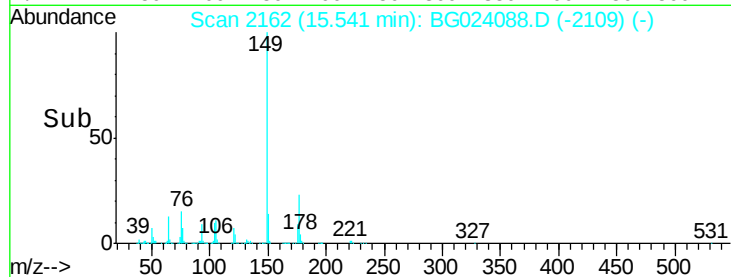
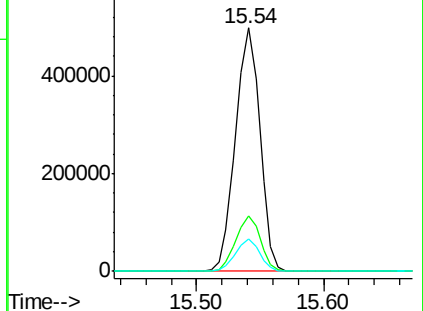
150 13.5 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.55 ng

RT: 15.77 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

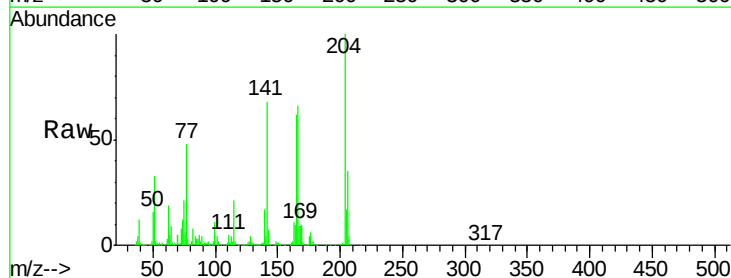
Tgt Ion:204 Resp: 306159

Ion Ratio Lower Upper

204 100

206 34.8 28.5 42.7

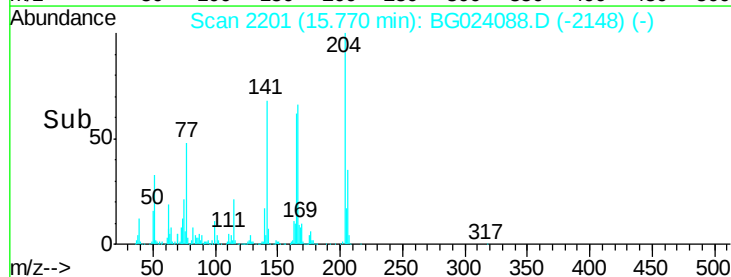
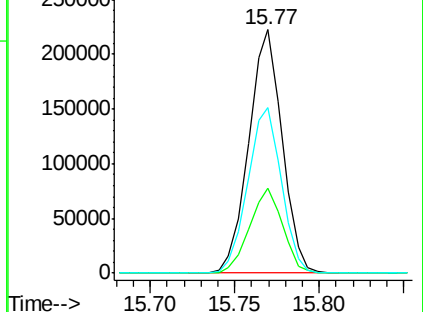
141 67.8 51.4 77.0

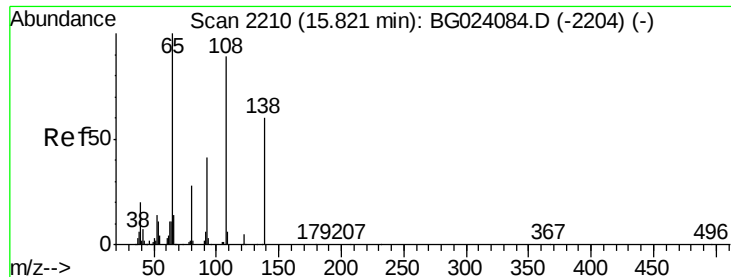


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

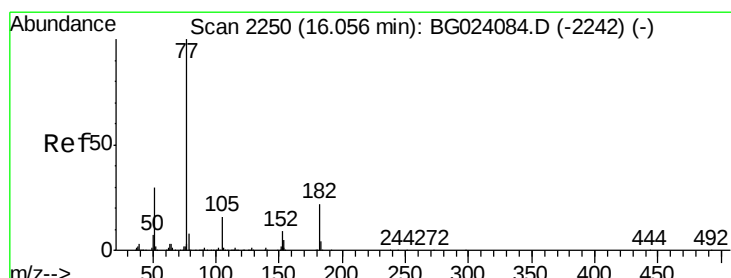
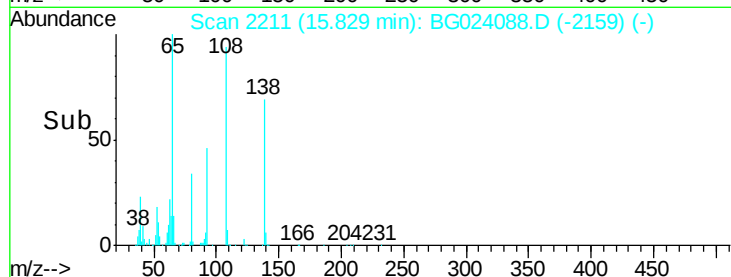
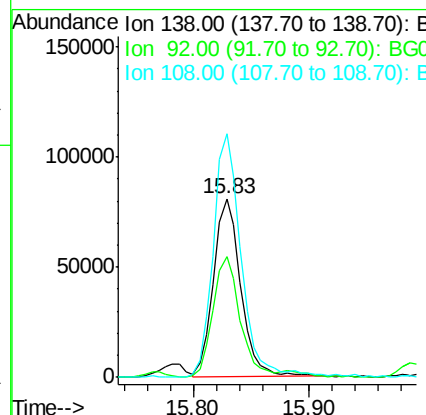
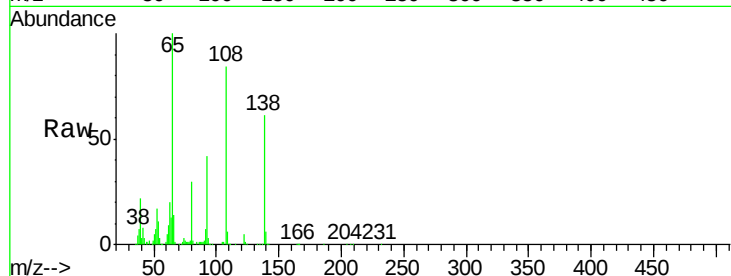




#61
4-Nitroaniline
Concen: 39.40 ng
RT: 15.83 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

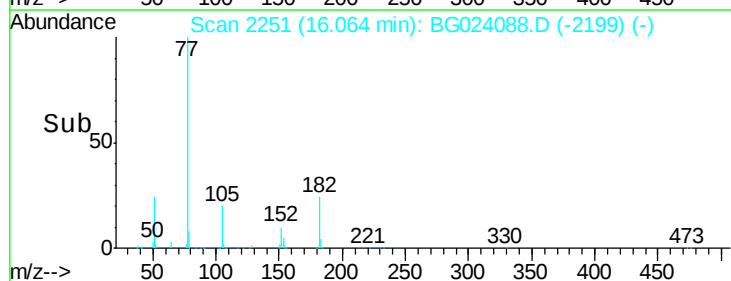
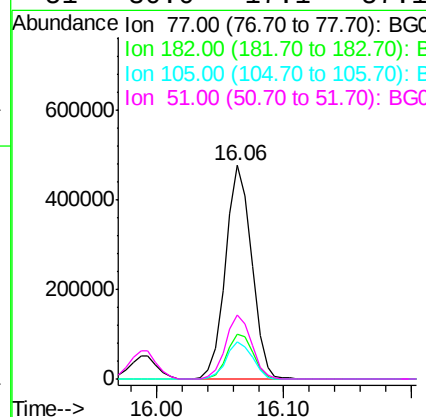
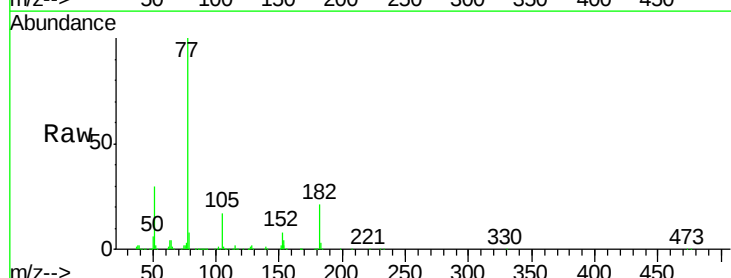
Instrument :
BNA_G
ClientSampleId :
ICVBG092316

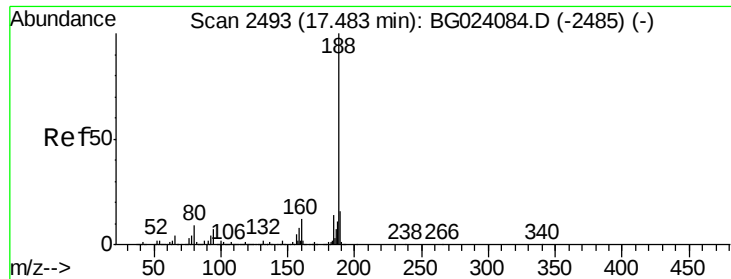
Tgt Ion: 138 Resp: 133214
Ion Ratio Lower Upper
138 100
92 68.0 54.1 94.1
108 136.3 133.9 173.9



#62
Azobenzene
Concen: 39.73 ng
RT: 16.06 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion: 77 Resp: 676431
Ion Ratio Lower Upper
77 100
182 20.7 3.5 43.5
105 17.1 0.0 38.5
51 30.0 17.1 57.1

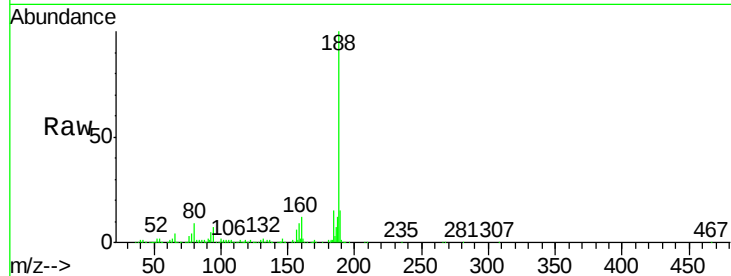




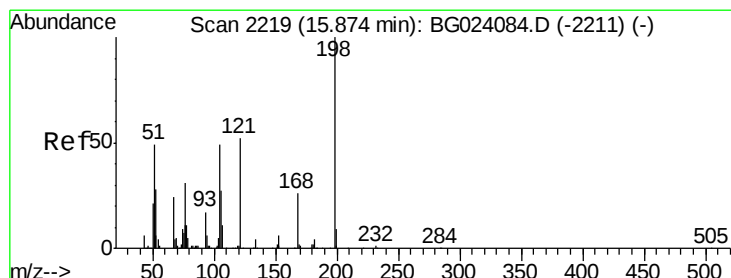
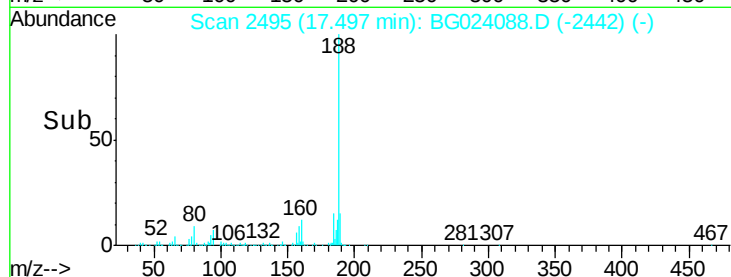
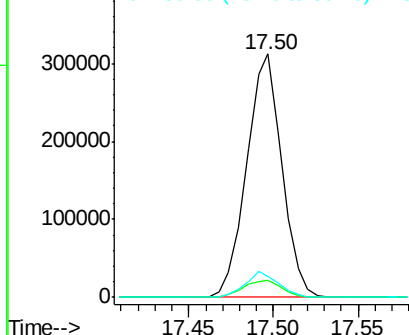
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Instrument :
BNA_G
ClientSampleId :
ICVBG092316

Tgt Ion:188 Resp: 451647
Ion Ratio Lower Upper
188 100
94 6.8 5.2 7.8
80 8.7 7.2 10.8

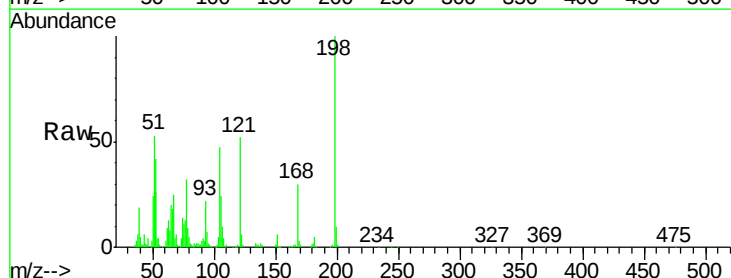


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

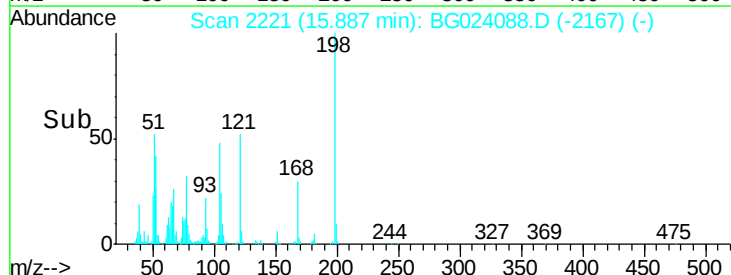
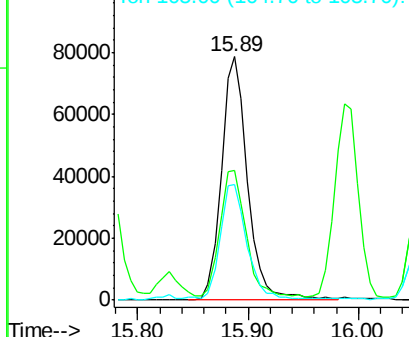


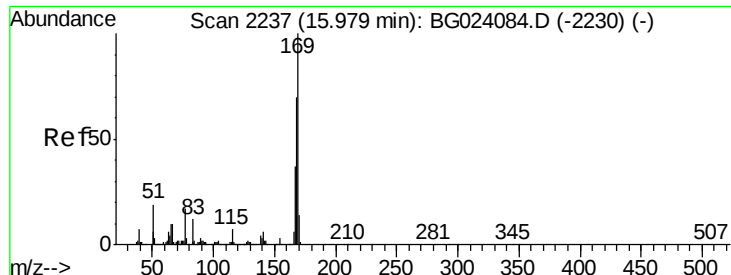
#64
4,6-Dinitro-2-methylphenol
Concen: 41.40 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion:198 Resp: 129858
Ion Ratio Lower Upper
198 100
51 53.0 26.0 66.0
105 47.4 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

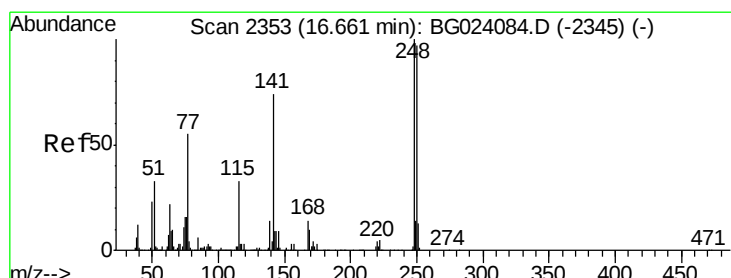
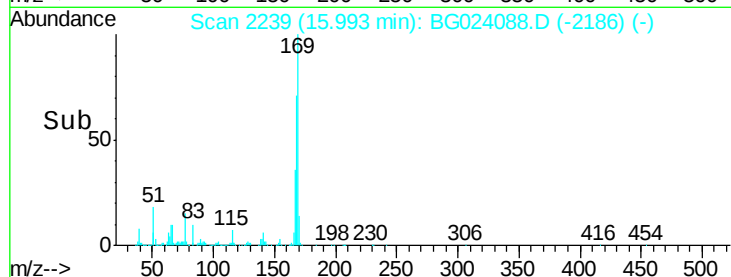
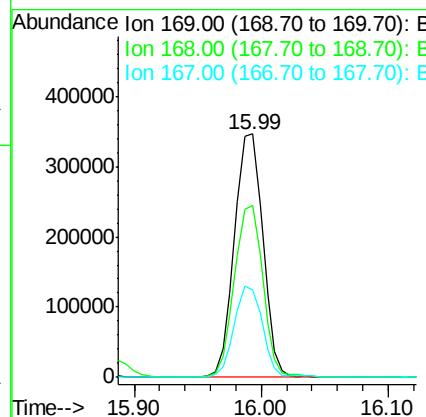
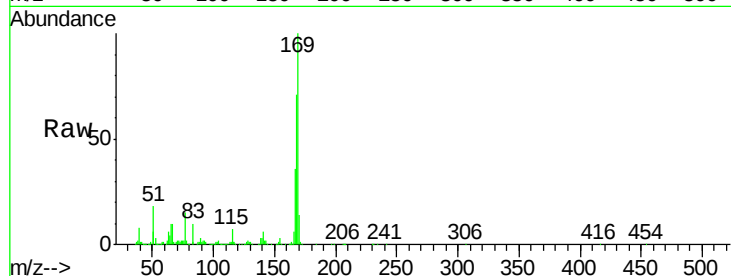




#65
n-Nitrosodiphenylamine
Concen: 43.52 ng
RT: 15.99 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

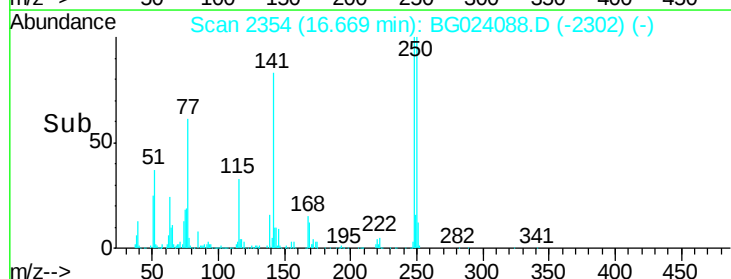
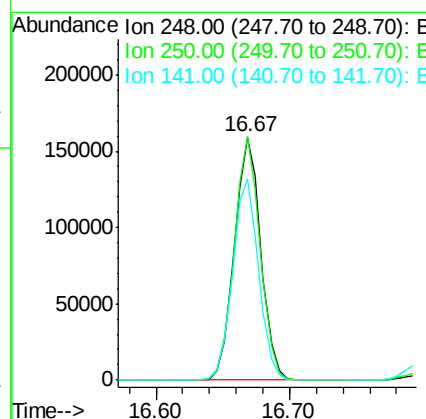
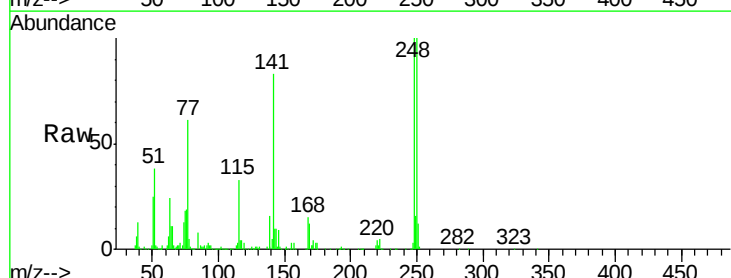
Instrument :
BNA_G
ClientSampleId :
ICVBG092316

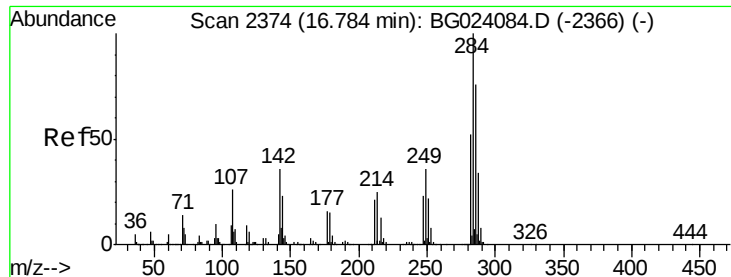
Tgt Ion:169 Resp: 537690
Ion Ratio Lower Upper
169 100
168 70.6 55.0 82.4
167 36.0 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 41.80 ng
RT: 16.67 min Scan# 2354
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion:248 Resp: 218981
Ion Ratio Lower Upper
248 100
250 100.2 77.8 116.8
141 82.8 65.7 98.5

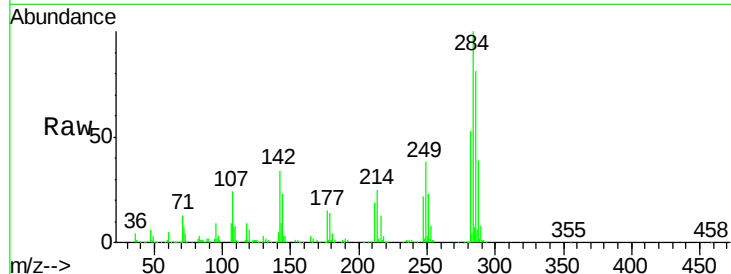




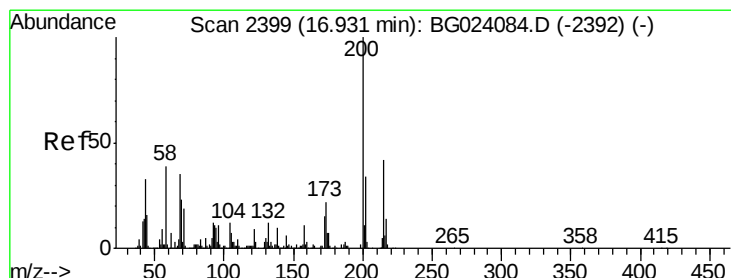
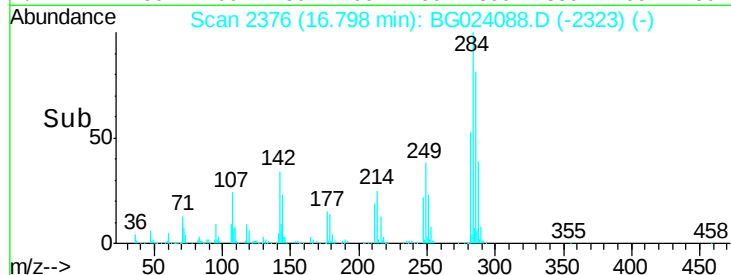
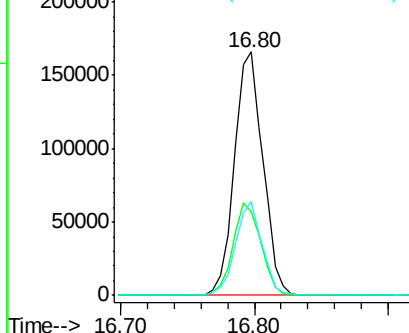
#67
Hexachlorobenzene
Concen: 41.60 ng
RT: 16.80 min Scan# 2376
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Instrument :
BNA_G
ClientSampleId :
ICVBG092316

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	26.8	40.2
249	38.3	28.9	43.3

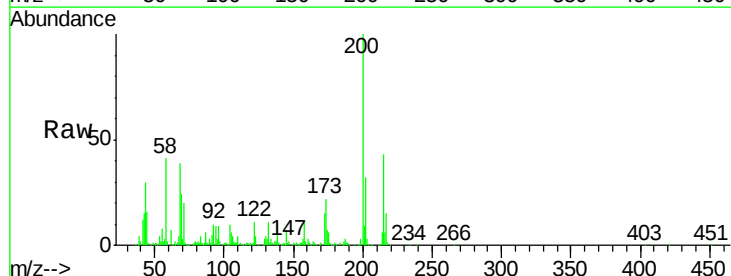


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

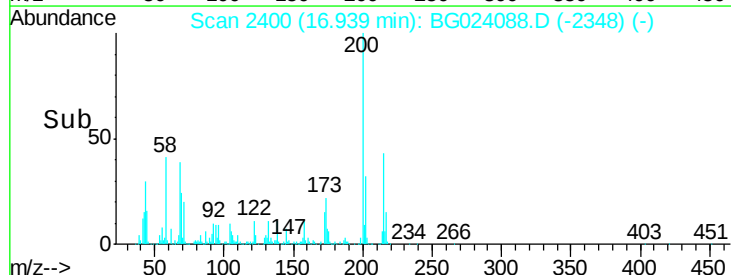
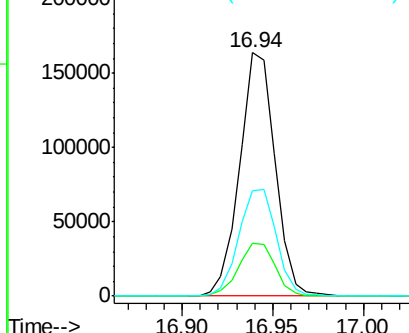


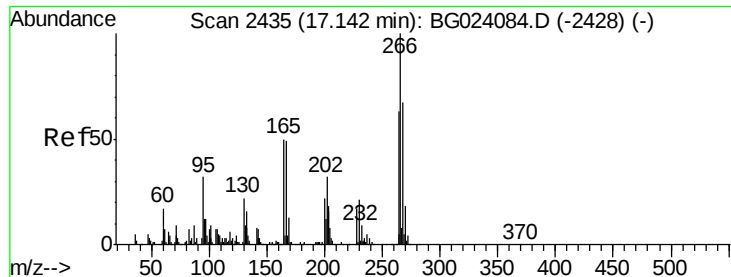
#68
Atrazine
Concen: 40.97 ng
RT: 16.94 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.9	1.6	41.6
215	43.0	28.7	68.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 38.98 ng

RT: 17.16 min Scan# 2437

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

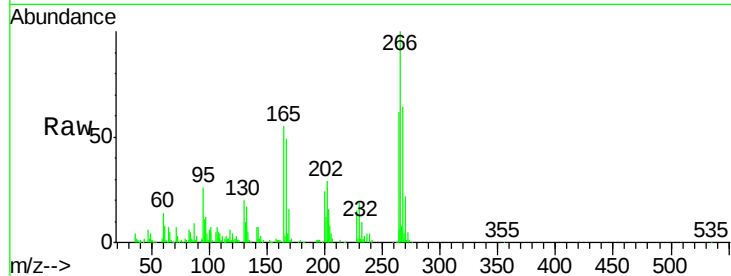
Tgt Ion:266 Resp: 113418

Ion Ratio Lower Upper

266 100

268 64.4 51.9 77.9

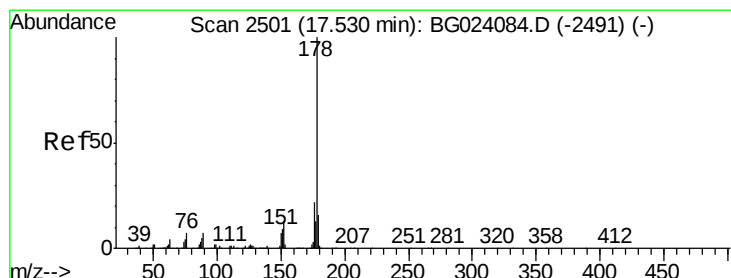
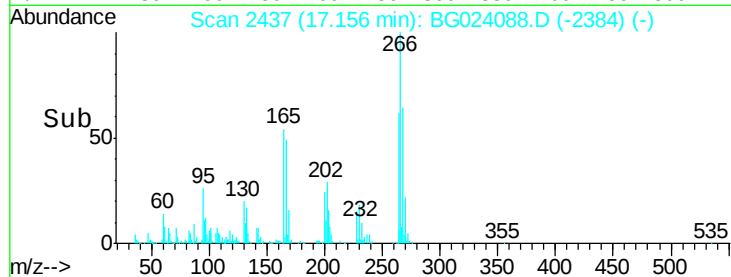
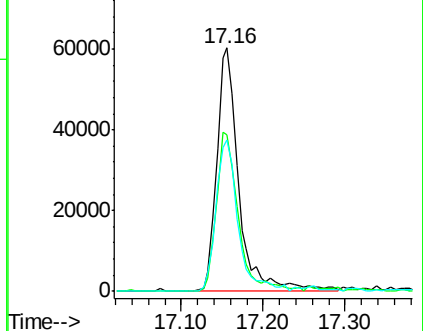
264 62.2 50.6 75.8



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: 41.28 ng

RT: 17.54 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

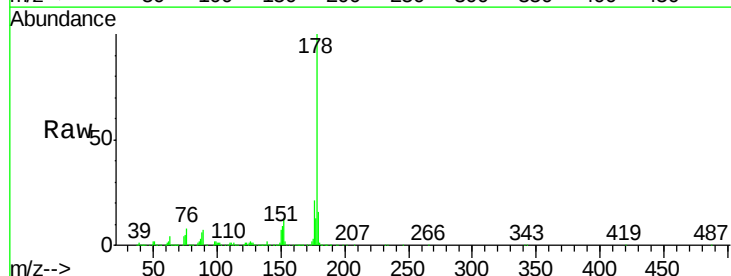
Tgt Ion:178 Resp: 949733

Ion Ratio Lower Upper

178 100

176 20.6 16.8 25.2

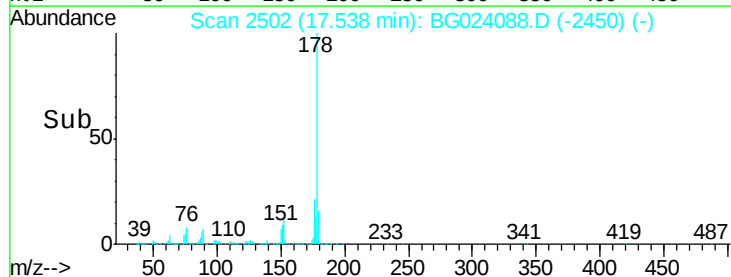
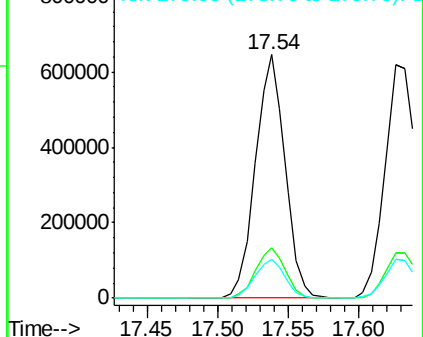
179 16.0 14.3 21.5

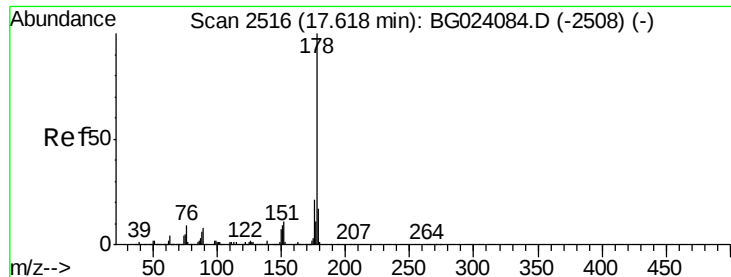


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.86 ng

RT: 17.63 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

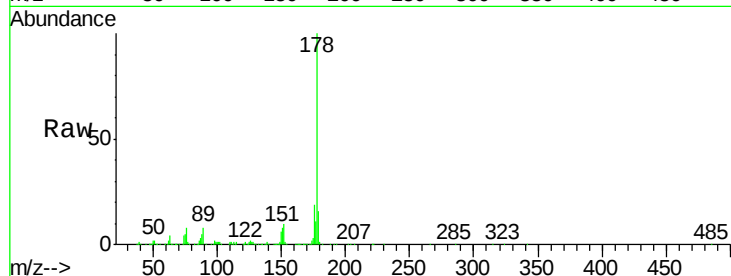
Tgt Ion:178 Resp: 965508

Ion Ratio Lower Upper

178 100

176 19.4 17.3 25.9

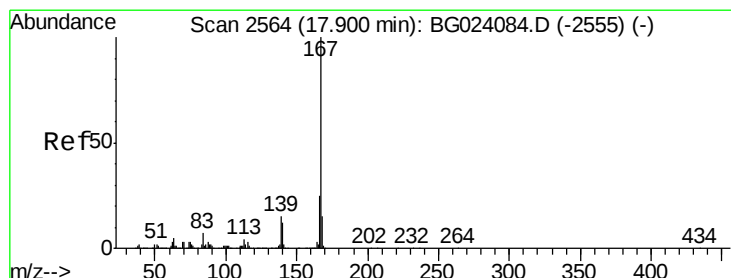
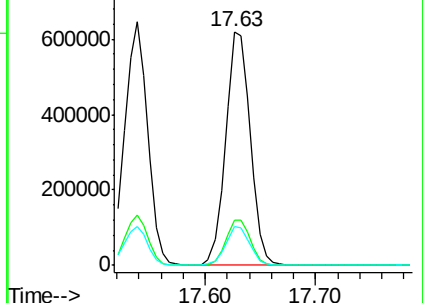
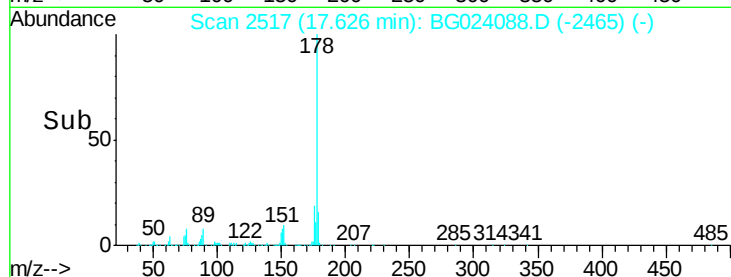
179 16.4 14.0 21.0



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



#72

Carbazole

Concen: 39.61 ng

RT: 17.91 min Scan# 2565

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

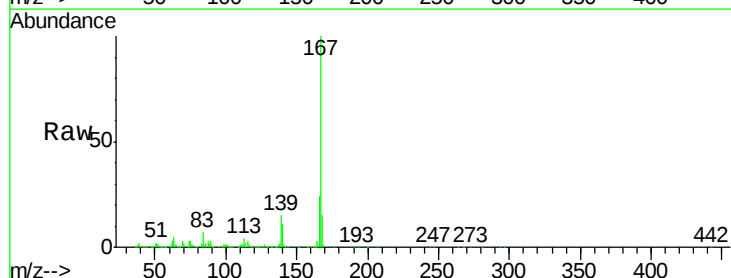
Tgt Ion:167 Resp: 871349

Ion Ratio Lower Upper

167 100

166 24.0 20.7 31.1

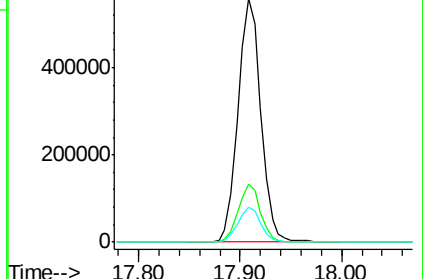
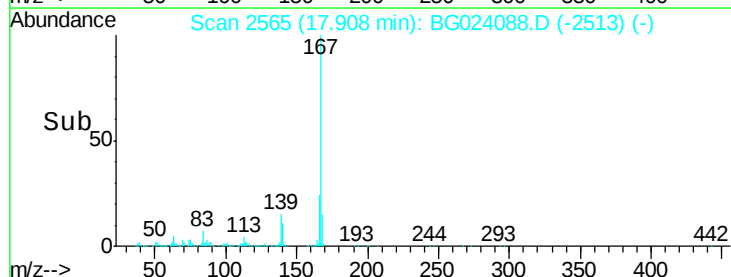
139 14.6 11.9 17.9

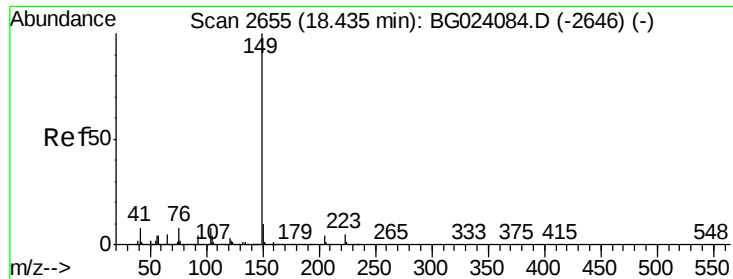


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

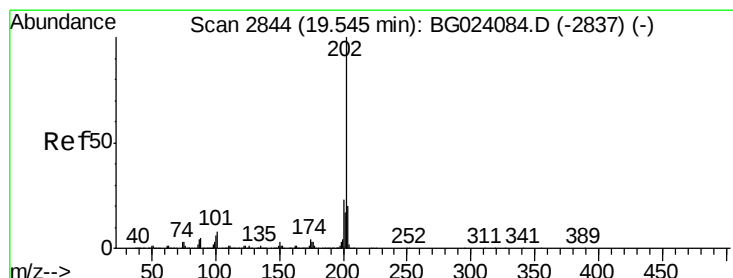
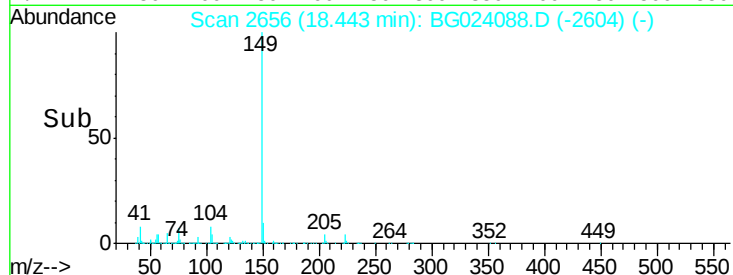
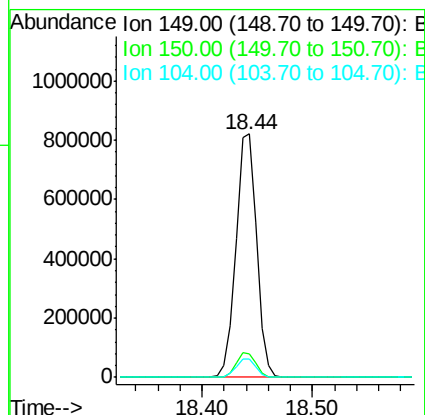
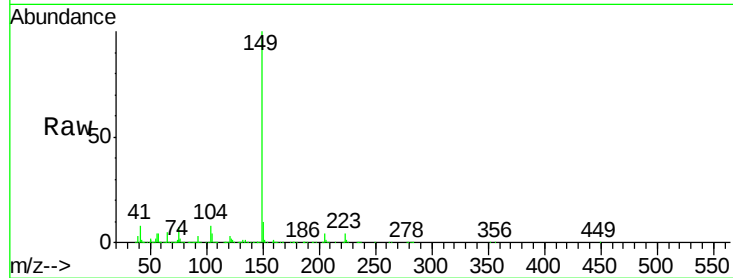




#73
Di-n-butylphthalate
Concen: 37.46 ng
RT: 18.44 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

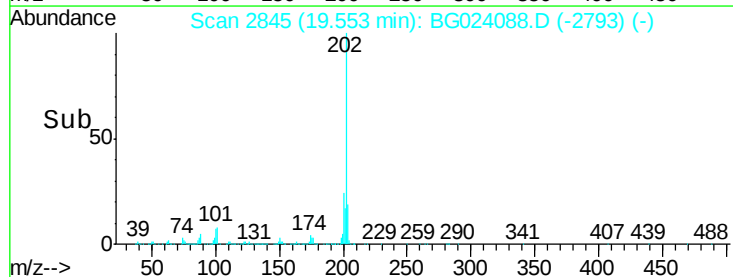
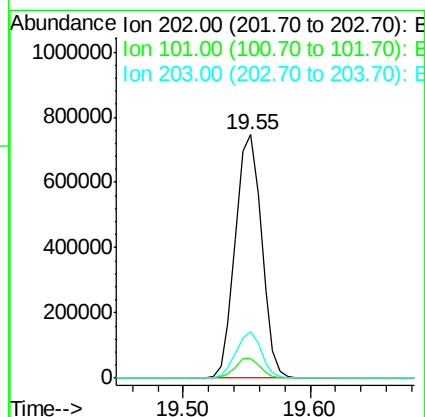
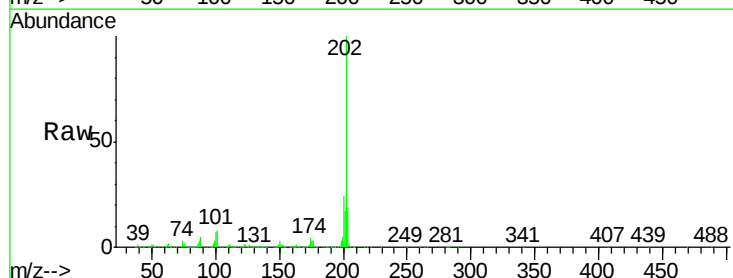
Instrument :
BNA_G
ClientSampleId :
ICVBG092316

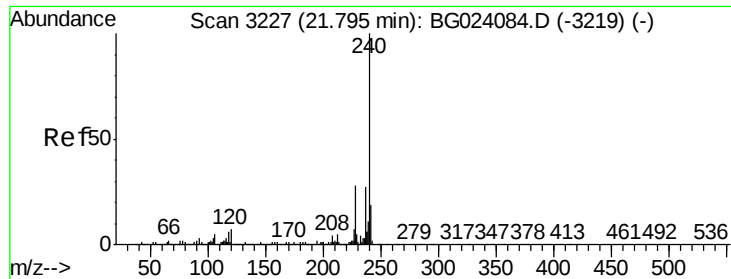
Tgt Ion:149 Resp: 1078767
Ion Ratio Lower Upper
149 100
150 9.8 9.1 13.7
104 7.6 6.9 10.3



#74
Fluoranthene
Concen: 35.60 ng
RT: 19.55 min Scan# 2845
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion:202 Resp: 1069181
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.4
203 19.2 1.7 41.7

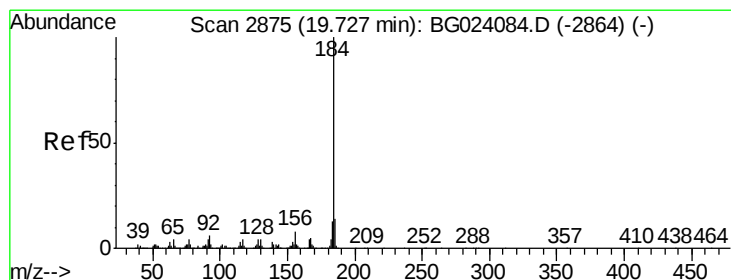
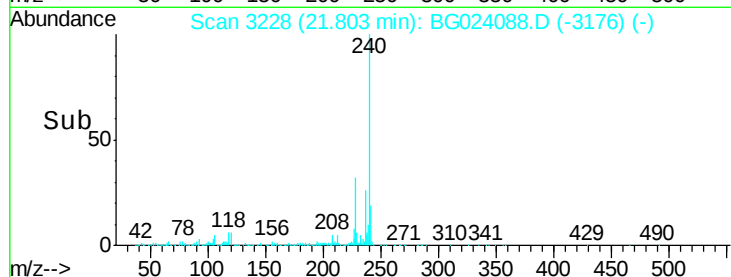
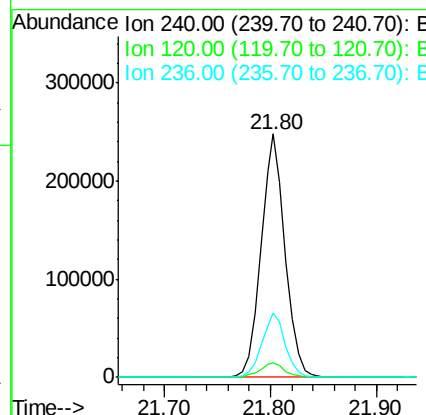
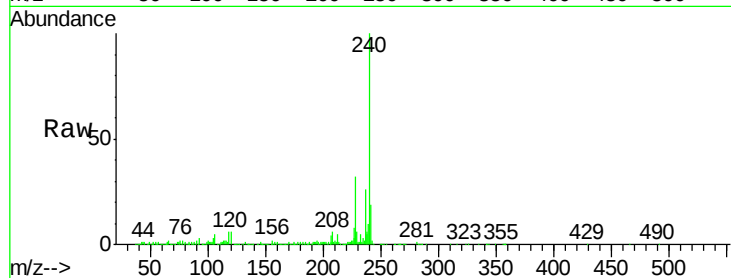




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

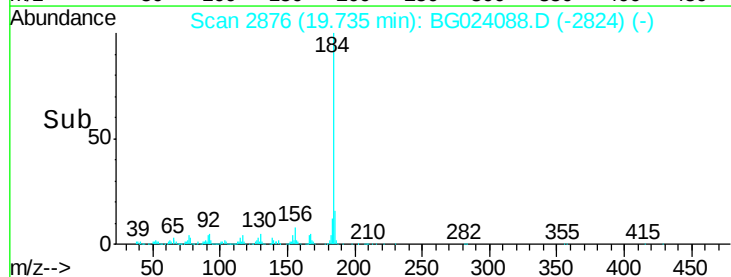
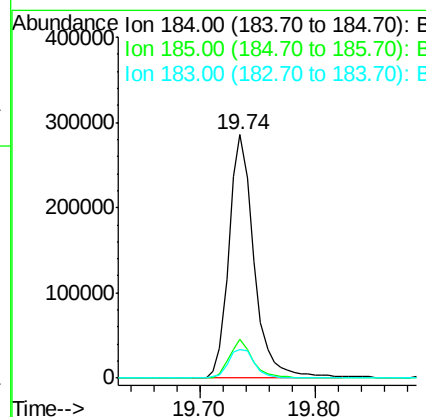
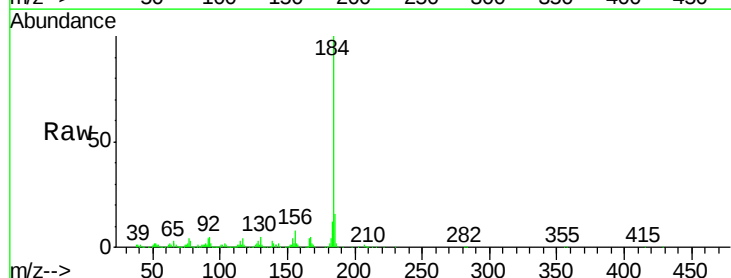
Instrument :
BNA_G
ClientSampleId :
ICVBG092316

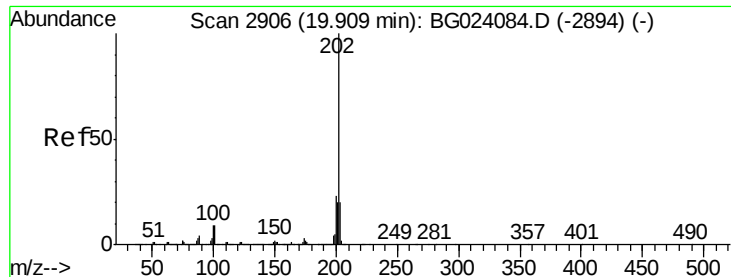
Tgt Ion:240 Resp: 390142
Ion Ratio Lower Upper
240 100
120 5.8 4.1 6.1
236 26.5 21.1 31.7



#76
Benzidine
Concen: 39.01 ng
RT: 19.74 min Scan# 2876
Delta R.T. 0.01 min
Lab File: BG024088.D
Acq: 23 Sep 2016 15:35

Tgt Ion:184 Resp: 430859
Ion Ratio Lower Upper
184 100
185 15.9 12.6 19.0
183 12.0 10.7 16.1





#77

Pyrene

Concen: 39.22 ng

RT: 19.92 min Scan# 2907

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

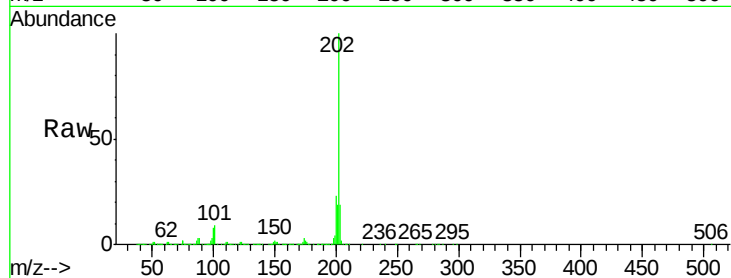
Tgt Ion:202 Resp: 1068526

Ion Ratio Lower Upper

202 100

200 23.5 21.2 31.8

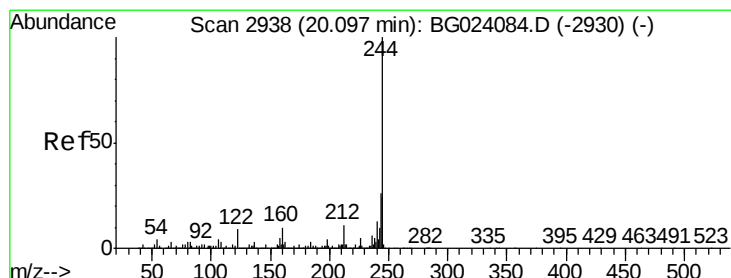
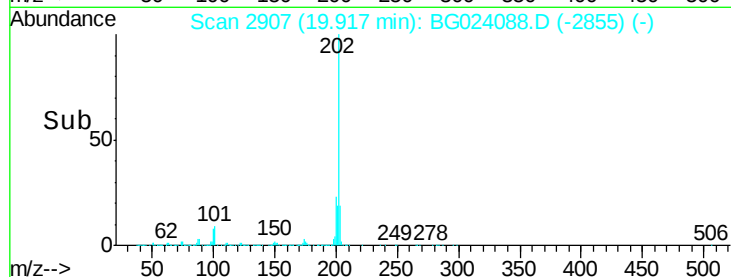
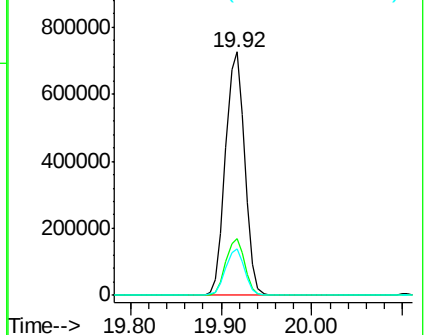
203 19.0 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.22 ng

RT: 20.11 min Scan# 2939

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

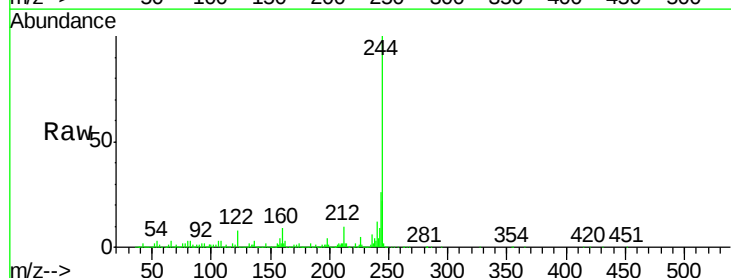
Tgt Ion:244 Resp: 1452345

Ion Ratio Lower Upper

244 100

212 10.3 10.8 16.2#

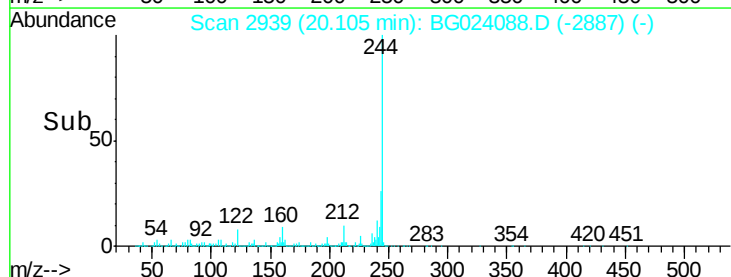
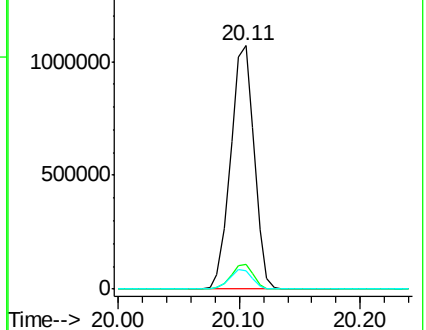
122 7.8 8.0 12.0#

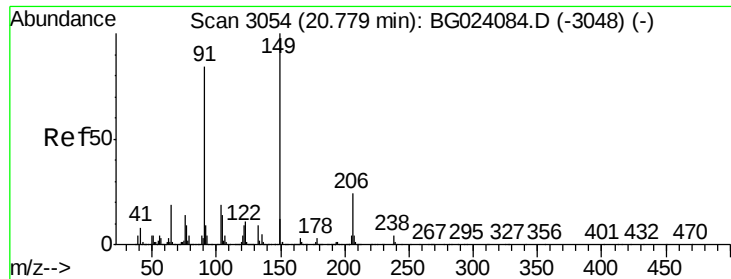


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.35 ng

RT: 20.79 min Scan# 3055

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

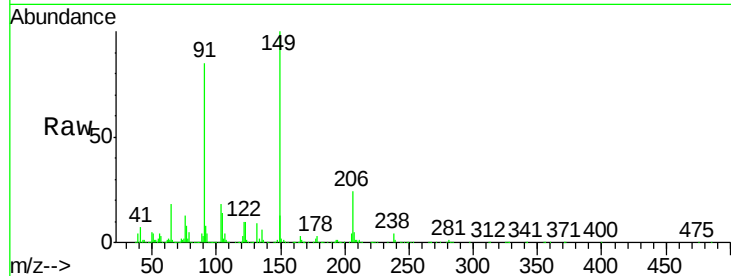
Tgt Ion:149 Resp: 394713

Ion Ratio Lower Upper

149 100

91 84.5 68.1 102.1

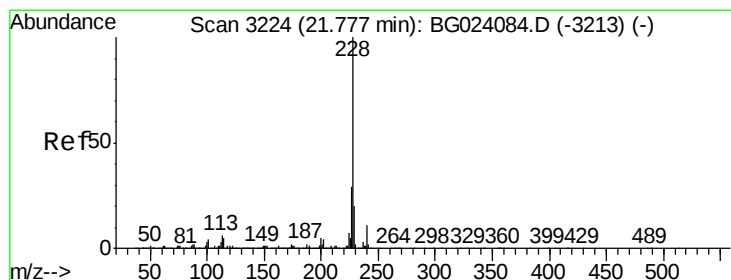
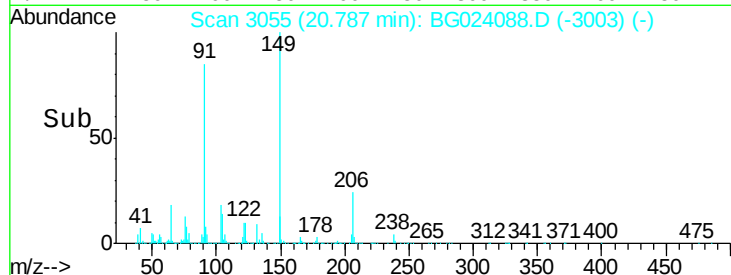
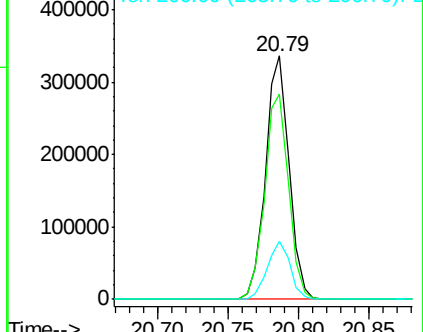
206 23.9 19.8 29.6



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: 40.39 ng

RT: 21.78 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

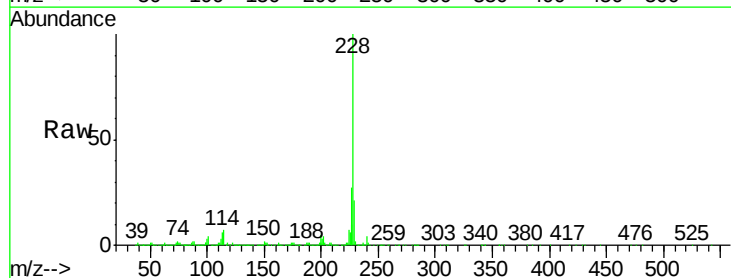
Tgt Ion:228 Resp: 897031

Ion Ratio Lower Upper

228 100

226 27.5 25.3 37.9

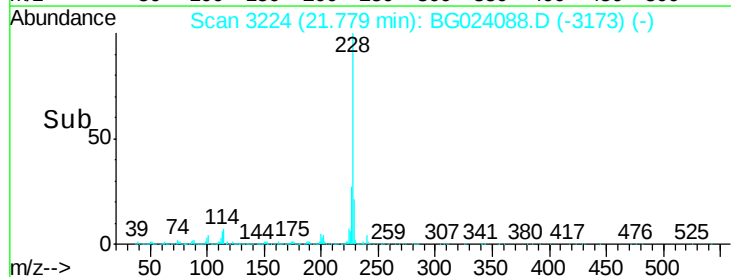
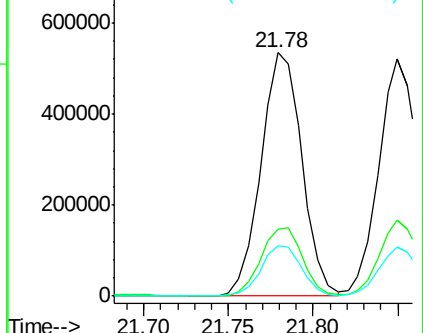
229 20.7 19.9 29.9

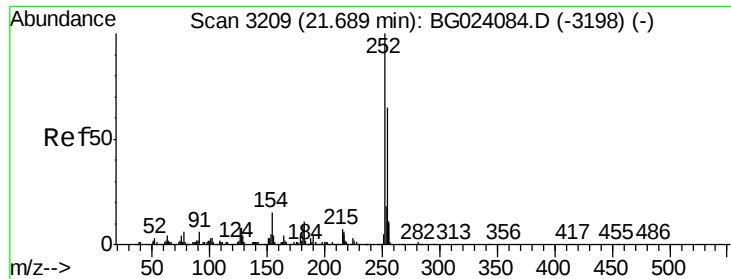


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

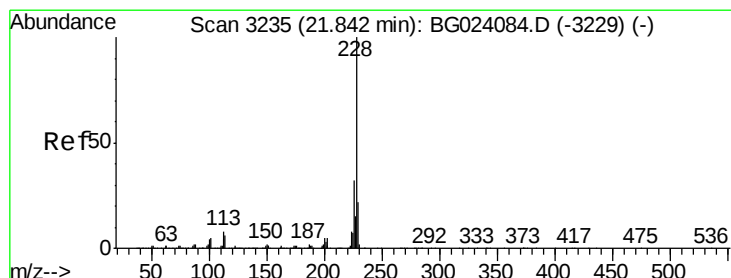
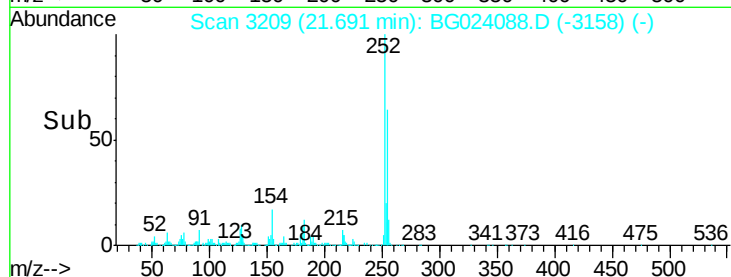
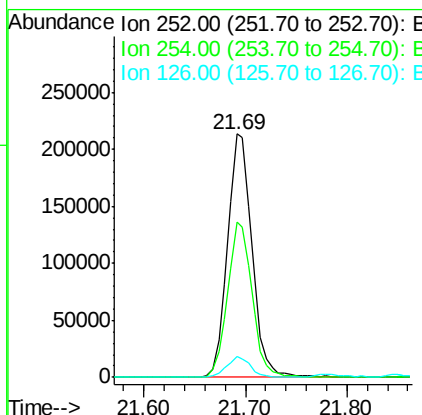
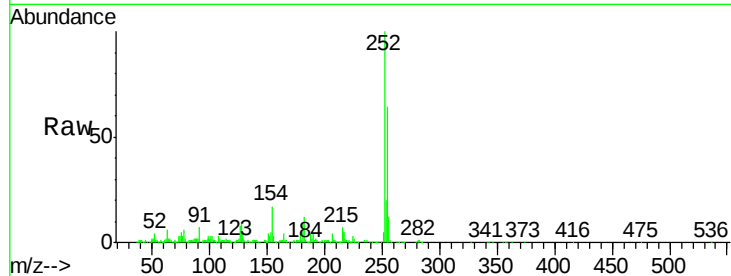




#81
 3,3'-Dichlorobenzidine
 Concen: 44.85 ng
 RT: 21.69 min Scan# 3209
 Delta R.T. 0.00 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

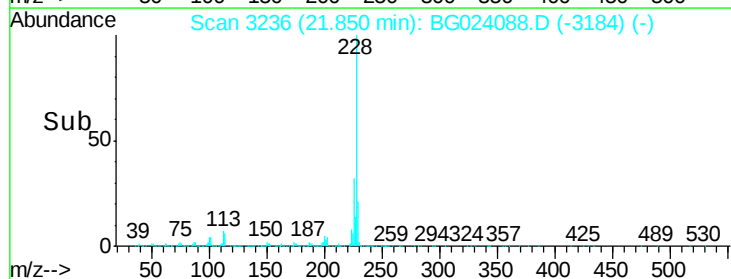
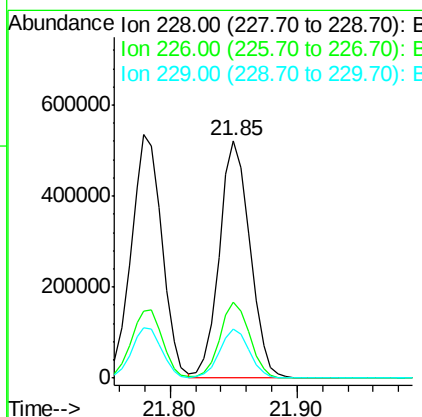
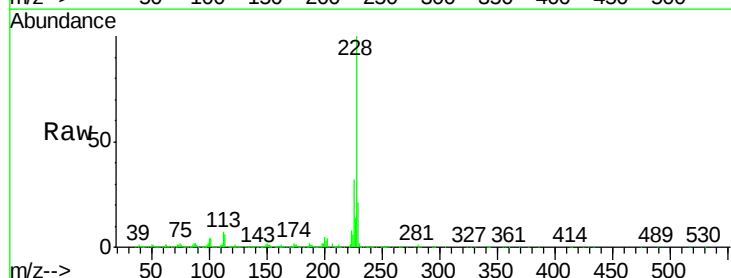
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092316

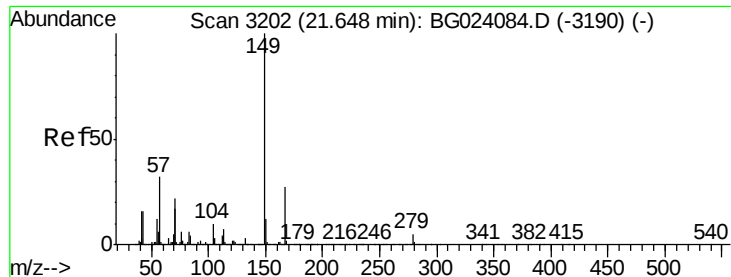
Tgt Ion:252 Resp: 357047
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.2 76.8
 126 8.5 5.3 7.9#



#82
 Chrysene
 Concen: 41.66 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. 0.01 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Tgt Ion:228 Resp: 869704
 Ion Ratio Lower Upper
 228 100
 226 31.8 26.7 40.1
 229 20.6 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.88 ng

RT: 21.65 min Scan# 3202

Delta R.T. 0.00 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

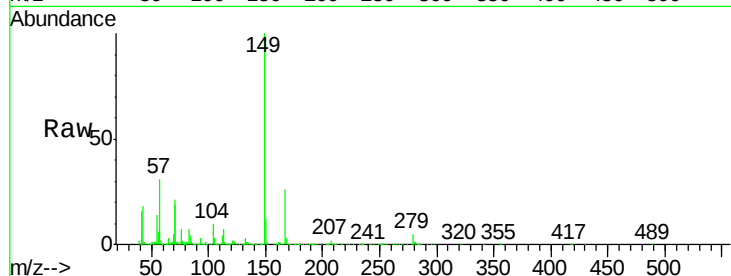
Tgt Ion:149 Resp: 573879

Ion Ratio Lower Upper

149 100

167 26.3 24.0 36.0

279 4.9 4.8 7.2



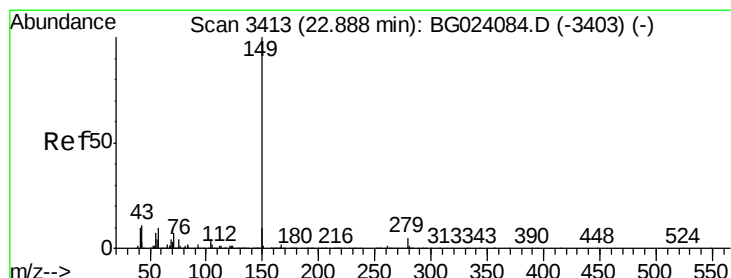
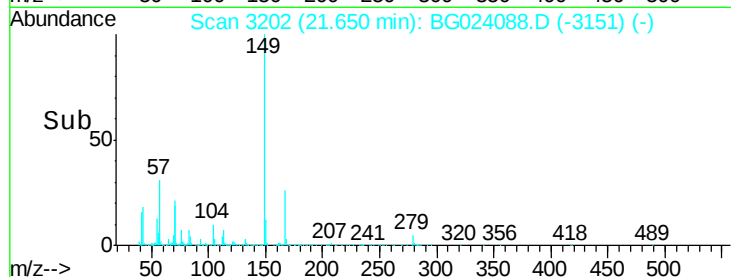
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.65

Time-->



#84

Di-n-octyl phthalate

Concen: 48.22 ng

RT: 22.90 min Scan# 3414

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

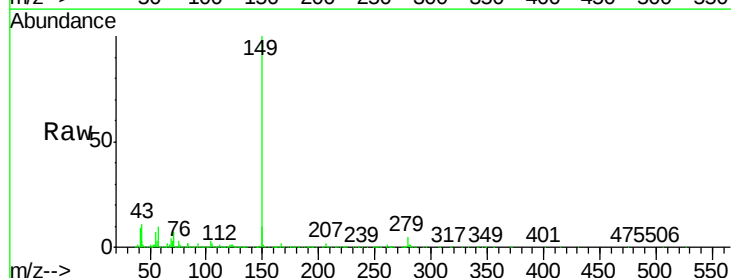
Tgt Ion:149 Resp: 997125

Ion Ratio Lower Upper

149 100

167 1.6 1.5 2.3

43 10.8 8.8 13.2



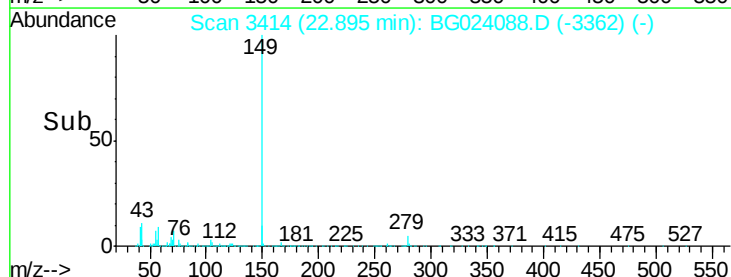
Abundance Ion 149.00 (148.70 to 149.70): E

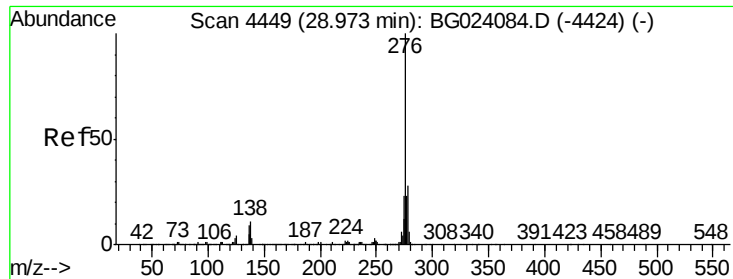
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.90

Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.57 ng

RT: 29.00 min Scan# 4453

Delta R.T. 0.03 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

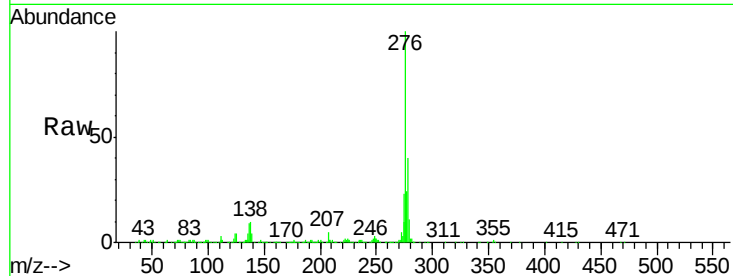
Tgt Ion:276 Resp: 1084263

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

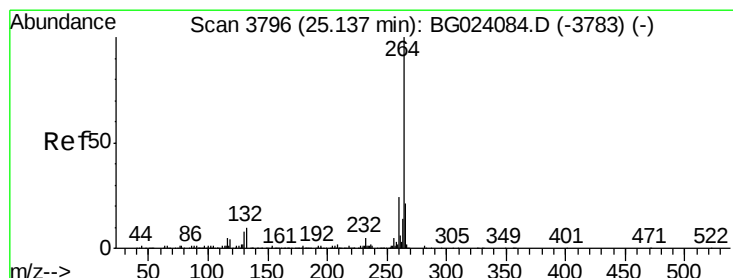
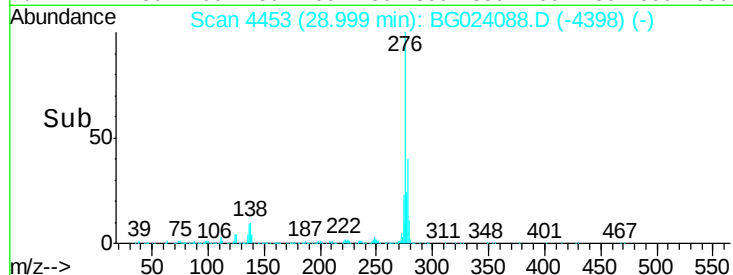
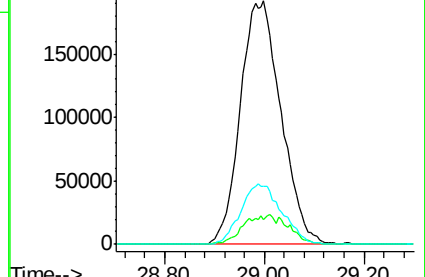
277 25.0 0.0 0.0#



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: 25.15 min Scan# 3798

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

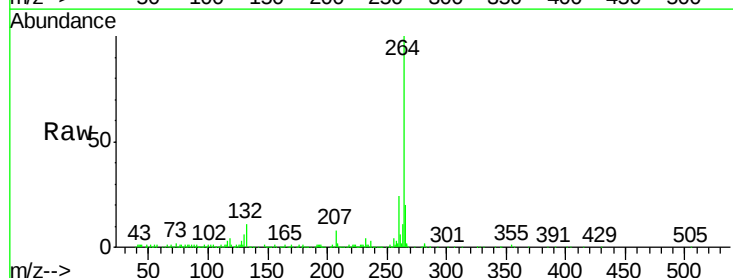
Tgt Ion:264 Resp: 391755

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

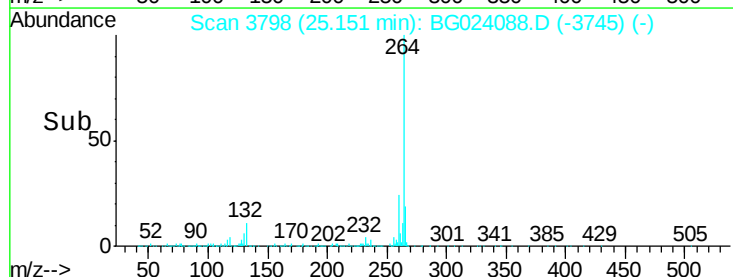
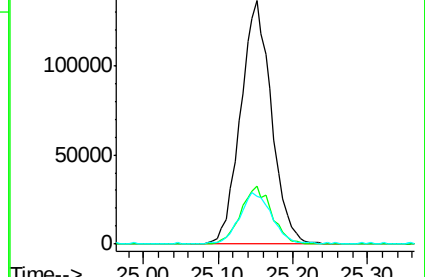
265 19.5 18.9 28.3

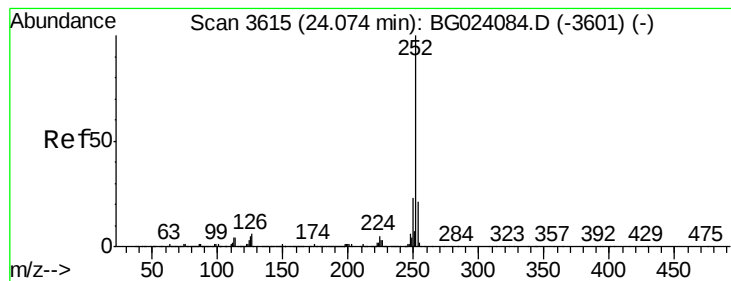


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.54 ng

RT: 24.15 min Scan# 3627

Delta R.T. 0.07 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

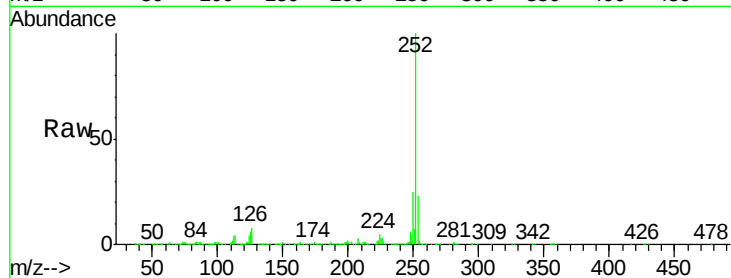
Tgt Ion:252 Resp: 901250

Ion Ratio Lower Upper

252 100

253 22.8 18.9 28.3

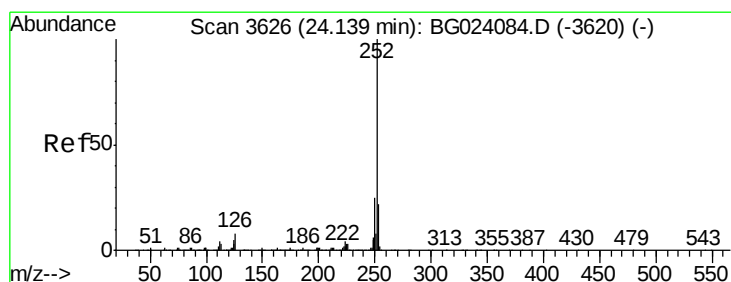
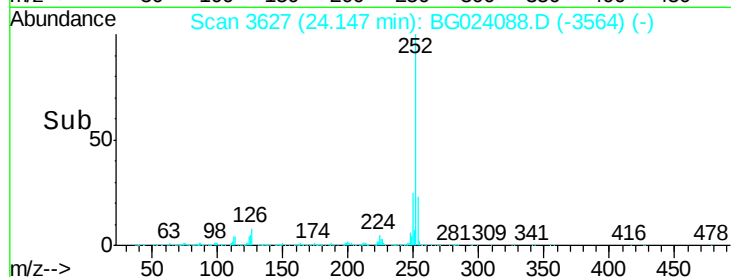
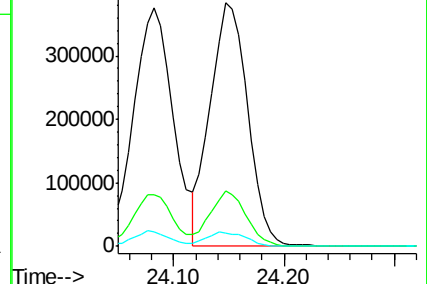
125 5.5 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.82 ng

RT: 24.15 min Scan# 3627

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

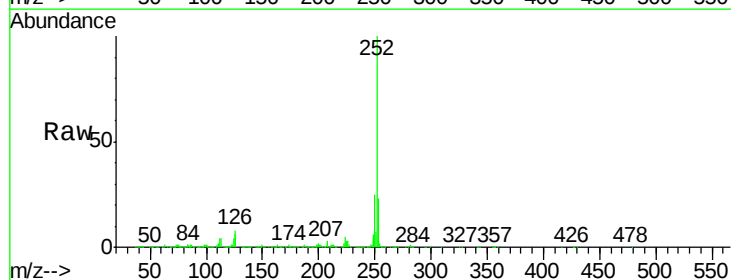
Tgt Ion:252 Resp: 901250

Ion Ratio Lower Upper

252 100

253 22.8 18.8 28.2

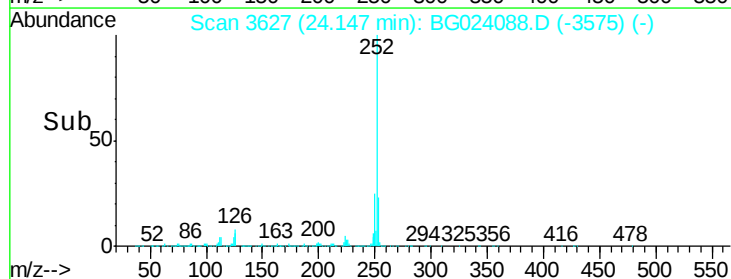
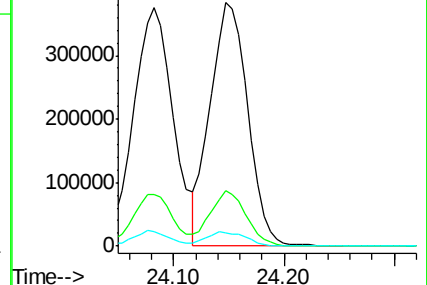
125 5.5 3.2 4.8#



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





#89

Benzo(a)pyrene

Concen: 40.74 ng

RT: 24.99 min Scan# 3771

Delta R.T. 0.01 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG092316

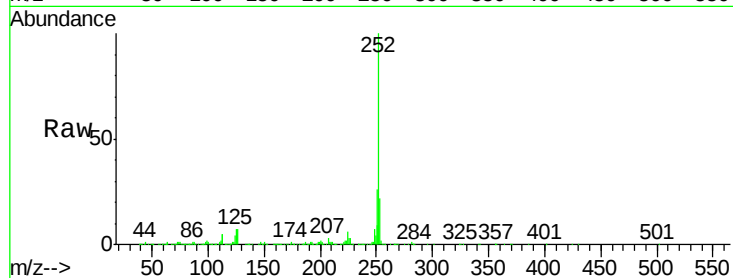
Tgt Ion:252 Resp: 897536

Ion Ratio Lower Upper

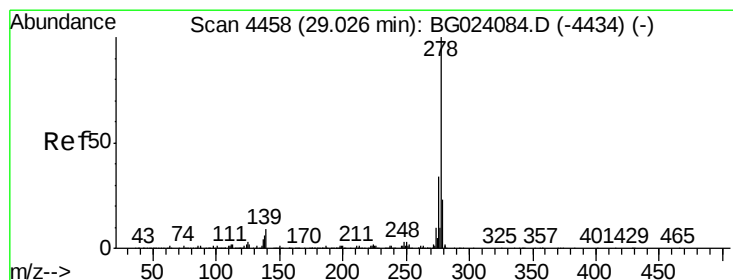
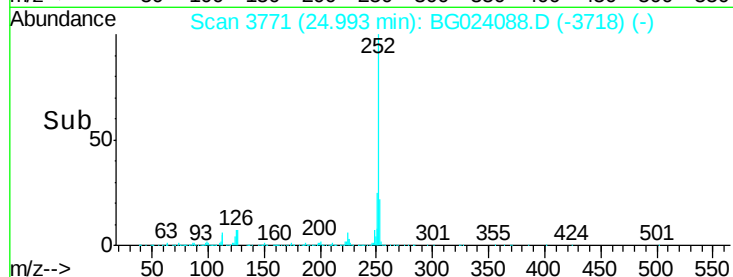
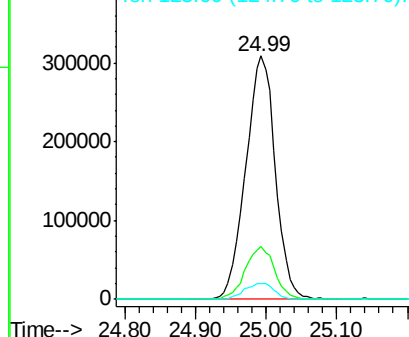
252 100

253 22.0 18.7 28.1

125 6.5 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.19 ng

RT: 29.05 min Scan# 4461

Delta R.T. 0.02 min

Lab File: BG024088.D

Acq: 23 Sep 2016 15:35

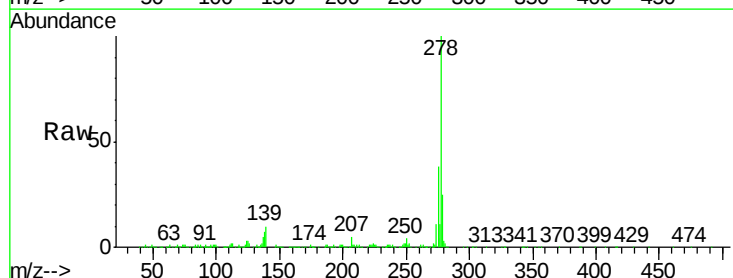
Tgt Ion:278 Resp: 862267

Ion Ratio Lower Upper

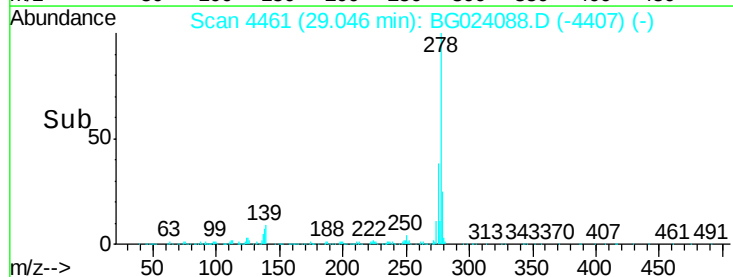
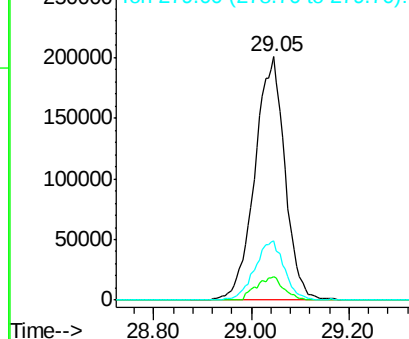
278 100

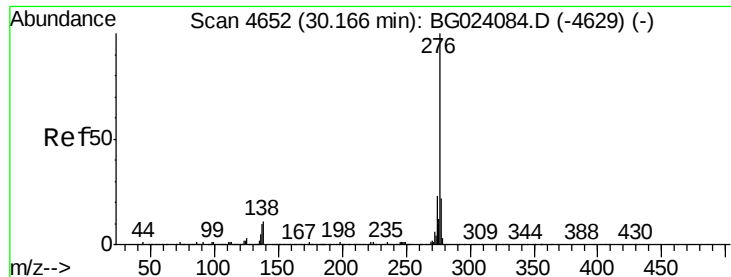
139 9.5 4.7 7.1#

279 24.6 18.3 27.5



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





#91
 Benzo(g,h,i)perylene
 Concen: 38.95 ng
 RT: 30.18 min Scan# 4654
 Delta R.T. 0.01 min
 Lab File: BG024088.D
 Acq: 23 Sep 2016 15:35

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092316

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	27.8
138	12.7	6.8	10.2

