

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042988.D
 Acq On : 2 Oct 2019 17:10
 Operator : JU
 Sample : PB123559BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Quant Time: Oct 03 04:26:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	65307	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	262064	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	190641	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	455136	20.00	ng	0.00
76) Chrysene-d12	21.71	240	508110	20.00	ng	0.00
87) Perylene-d12	24.93	264	524233	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	444974	121.60	ng	0.00
7) Phenol-d6	7.24	99	598307	113.54	ng	0.00
23) Nitrobenzene-d5	9.23	82	355133	65.87	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	368564	112.43	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	879175	66.86	ng	0.00
79) Terphenyl-d14	20.04	244	1688752	70.82	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	58204	38.148	ng	96
3) Pyridine	3.95	79	139238	32.447	ng	97
4) n-Nitrosodimethylamine	3.86	42	88273	42.776	ng	87
6) Aniline	7.39	93	204142	32.091	ng	98
8) 2-Chlorophenol	7.64	128	185523	48.613	ng	99
9) Benzaldehyde	7.21	77	99313	30.841	ng	95
10) Phenol	7.27	94	231969	47.978	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	161475	43.165	ng	94
12) 1,3-Dichlorobenzene	7.96	146	202491	41.593	ng	98
13) 1,4-Dichlorobenzene	8.11	146	206604	42.571	ng	99
14) 1,2-Dichlorobenzene	8.42	146	196444	42.516	ng	98
15) Benzyl Alcohol	8.31	79	177780	44.871	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	265500	36.956	ng	99
17) 2-Methylphenol	8.52	107	157254	46.483	ng	99
18) Hexachloroethane	9.16	117	75349	41.224	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	143204	41.385	ng	97
20) 3+4-Methylphenols	8.84	107	220362	47.532	ng	97
22) Acetophenone	8.89	105	271074	40.128	ng	97
24) Nitrobenzene	9.27	77	222659	43.295	ng	97
25) Isophorone	9.80	82	394029	41.605	ng	99
26) 2-Nitrophenol	9.98	139	105830	48.340	ng	99
27) 2,4-Dimethylphenol	10.04	122	173930	51.732	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	219173	40.789	ng	97
29) 2,4-Dichlorophenol	10.52	162	198649	47.507	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	219975	40.737	ng	99
31) Naphthalene	10.93	128	559165	43.345	ng	99
32) Benzoic acid	10.19	122	113828	44.237	ng	91
33) 4-Chloroaniline	11.03	127	154839	27.660	ng	97
34) Hexachlorobutadiene	11.21	225	157581	38.974	ng	94
35) Caprolactam	11.81	113	34475	23.379	ng	# 86
36) 4-Chloro-3-methylphenol	12.15	107	209963	46.181	ng	95
37) 2-Methylnaphthalene	12.52	142	423735	43.056	ng	94
38) 1-Methylnaphthalene	12.74	142	397924	42.731	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	281847	39.320	ng	98

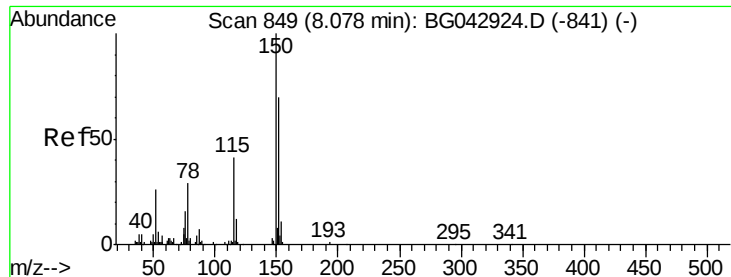
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG042988.D
 Acq On : 2 Oct 2019 17:10
 Operator : JU
 Sample : PB123559BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Quant Time: Oct 03 04:26:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	326600	71.511	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	185812	44.289	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	196640	45.498	ng	97
46) 1,1'-Biphenyl	13.52	154	570923	39.491	ng	97
47) 2-Chloronaphthalene	13.57	162	456713	42.135	ng	99
48) 2-Nitroaniline	13.77	65	152720	42.369	ng	91
49) Acenaphthylene	14.42	152	731312	44.093	ng	99
50) Dimethylphthalate	14.15	163	581617	40.718	ng	99
51) 2,6-Dinitrotoluene	14.26	165	136006	44.711	ng	99
52) Acenaphthene	14.76	154	449878	40.524	ng	98
53) 3-Nitroaniline	14.59	138	102062	32.466	ng	99
54) 2,4-Dinitrophenol	14.79	184	162928	86.170	ng	96
55) Dibenzofuran	15.09	168	705378	42.952	ng	99
56) 4-Nitrophenol	14.91	139	220259	91.957	ng	98
57) 2,4-Dinitrotoluene	15.04	165	193399	43.416	ng	99
58) Fluorene	15.74	166	594125	42.375	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	204151	44.364	ng	92
60) Diethylphthalate	15.50	149	591561	40.694	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	342911	40.780	ng	100
62) 4-Nitroaniline	15.76	138	144176	42.052	ng	97
63) Azobenzene	16.02	77	544513	41.142	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	120303	46.711	ng	96
66) n-Nitrosodiphenylamine	15.94	169	535961	44.608	ng	100
67) 4-Bromophenyl-phenylether	16.62	248	247080	43.253	ng	97
68) Hexachlorobenzene	16.74	284	265990	41.820	ng	96
69) Atrazine	16.89	200	203910	40.303	ng	94
70) Pentachlorophenol	17.08	266	341924	93.165	ng	99
71) Phenanthrene	17.48	178	965888	43.470	ng	97
72) Anthracene	17.57	178	988834	44.577	ng	99
73) Carbazole	17.84	167	904243	43.959	ng	100
74) Di-n-butylphthalate	18.39	149	1033851	42.125	ng	99
75) Fluoranthene	19.48	202	1267711	43.134	ng	100
77) Benzidine	19.66	184	429796	33.782	ng	99
78) Pyrene	19.84	202	1286985	42.437	ng	98
80) Butylbenzylphthalate	20.73	149	490498	42.610	ng	98
81) Benzo(a)anthracene	21.68	228	1330944	42.039	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	456312	36.748	ng	99
83) Chrysene	21.75	228	1303125	42.414	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	708672	43.264	ng	99
85) Di-n-octyl phthalate	22.81	149	1191868	44.498	ng	98
86) Indeno(1,2,3-cd)pyrene	28.61	276	1687195	44.112	ng	# 98
88) Benzo(b)fluoranthene	23.91	252	1432141	48.281	ng	99
89) Benzo(k)fluoranthene	23.98	252	1396440	47.588	ng	99
90) Benzo(a)pyrene	24.78	252	1400243	50.035	ng	98
91) Dibenzo(a,h)anthracene	28.67	278	1428970	49.795	ng	98
92) Benzo(g,h,i)perylene	29.76	276	1375608	49.474	ng	97

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

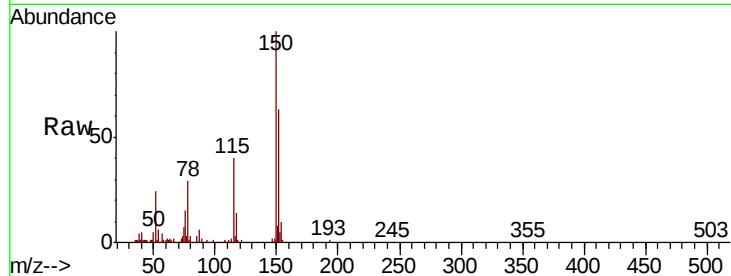


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	115.0	172.4
115	64.0	47.0	70.6

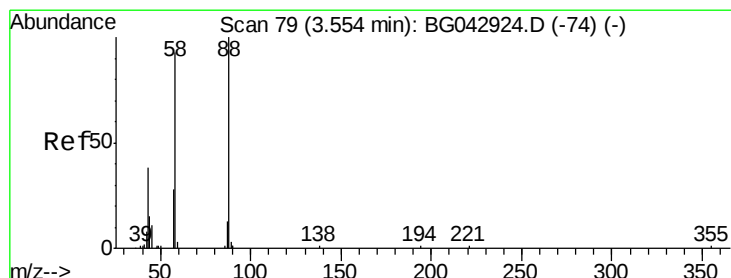
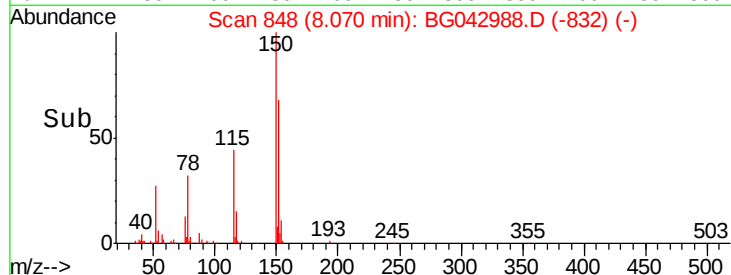
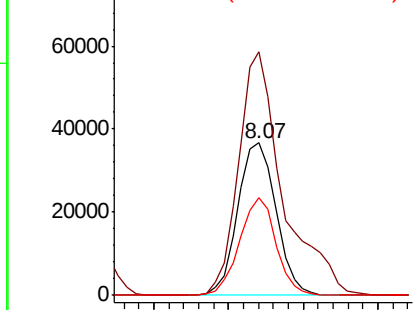


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

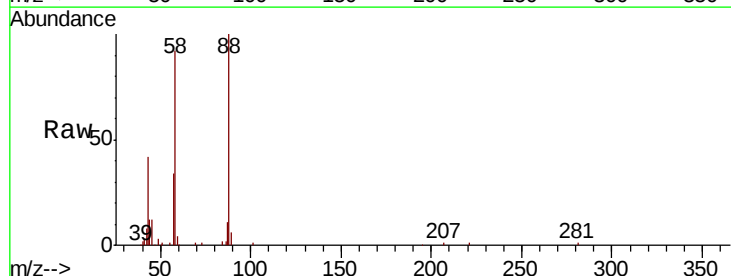
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.148 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.7	74.3	111.5
43	32.5	29.8	44.8

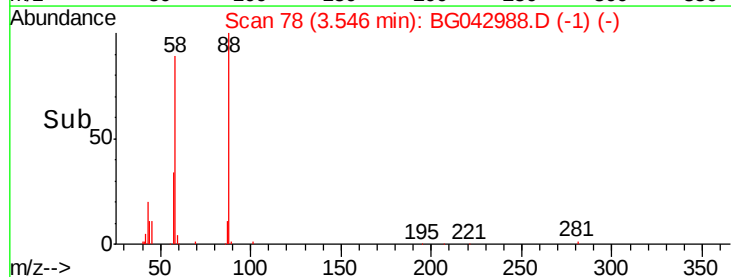
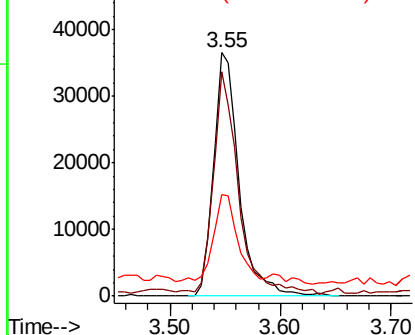


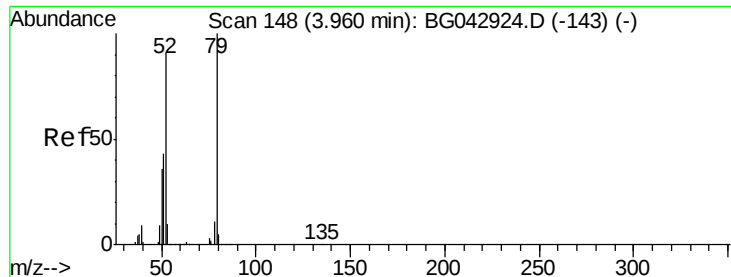
Abundance

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

Pvridine

Concen: 32.447 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

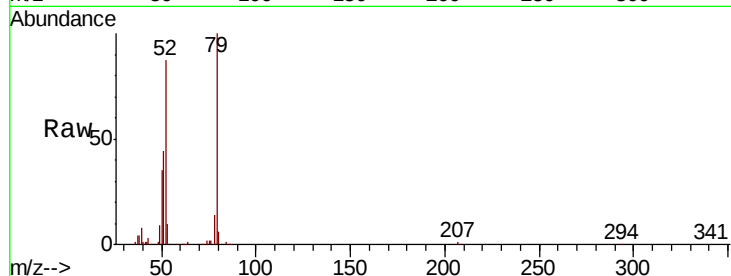
Tot Ion: 79 Resp: 139238

Ion Ratio Lower Upper

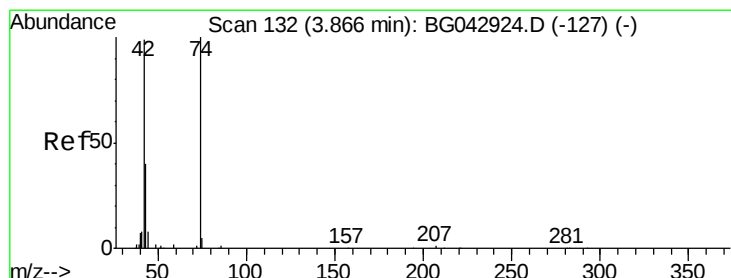
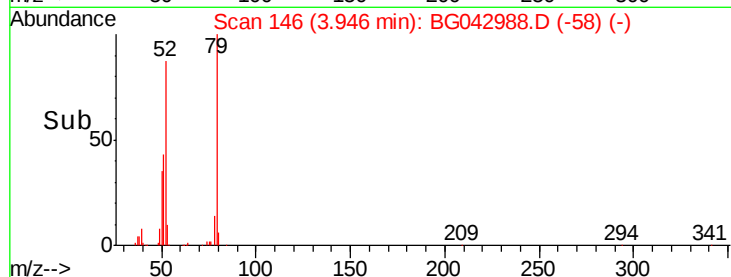
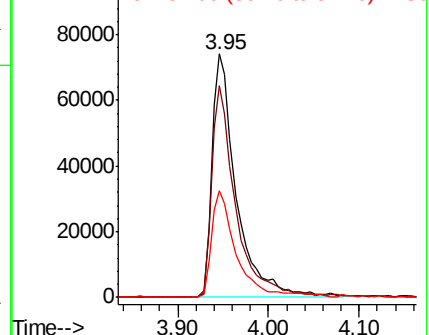
79 100

52 86.9 73.0 109.4

51 44.0 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.776 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

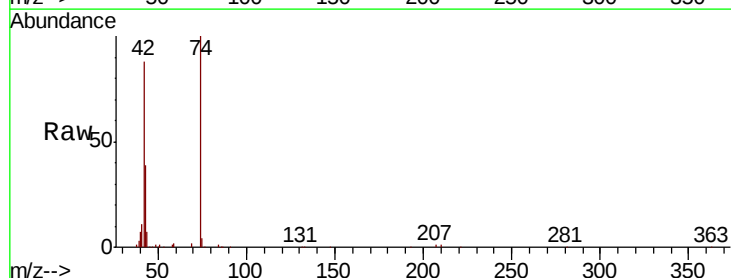
Tgt Ion: 42 Resp: 88273

Ion Ratio Lower Upper

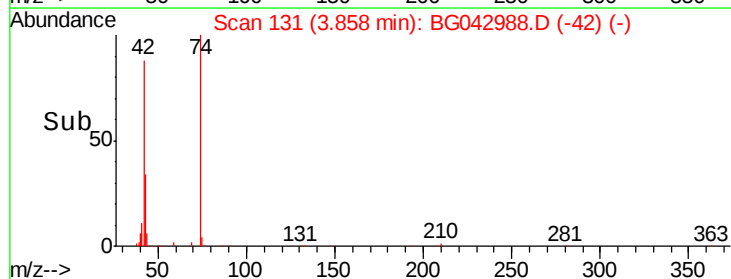
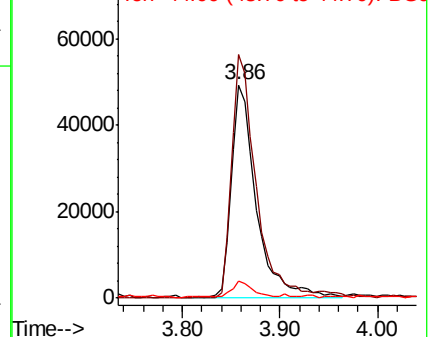
42 100

74 114.3 80.5 120.7

44 8.0 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 121.596 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

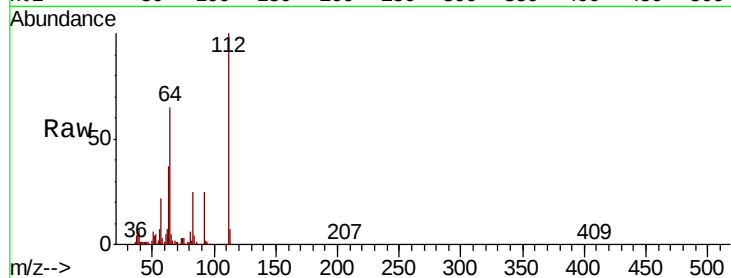
Tot Ion:112 Resp: 444974

Ion Ratio Lower Upper

112 100

64 65.2 56.6 84.8

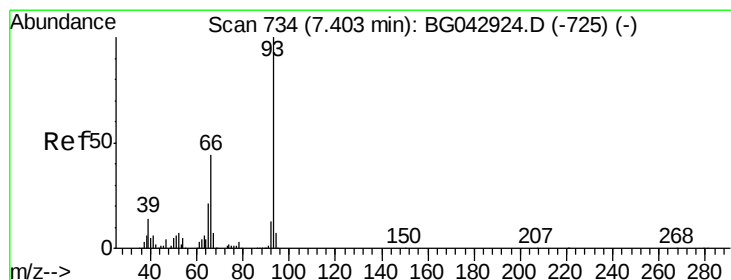
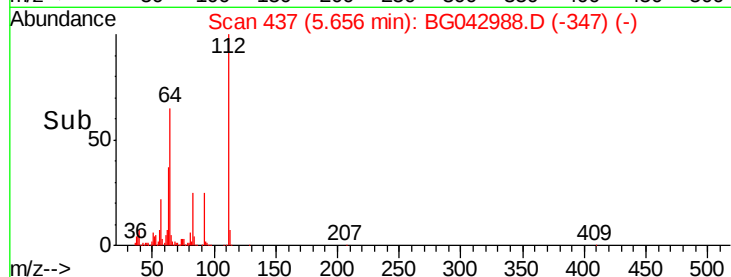
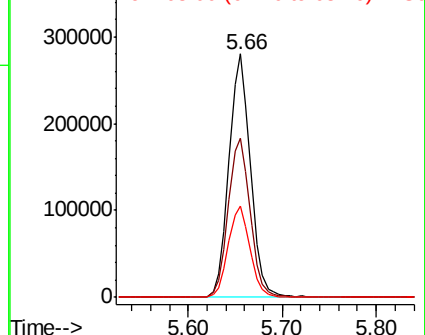
63 37.3 35.1 52.7



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: 32.091 ng

RT: 7.39 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

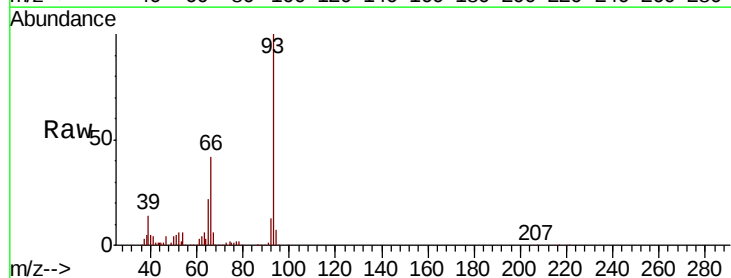
Tgt Ion: 93 Resp: 204142

Ion Ratio Lower Upper

93 100

66 42.2 35.0 52.6

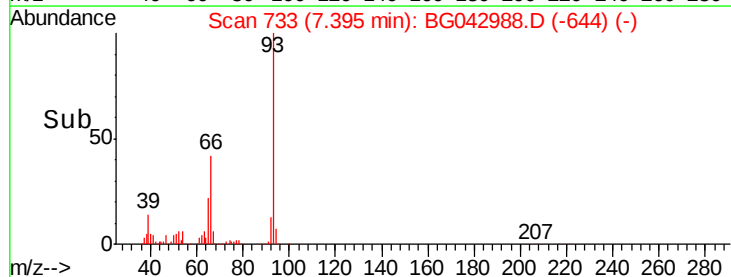
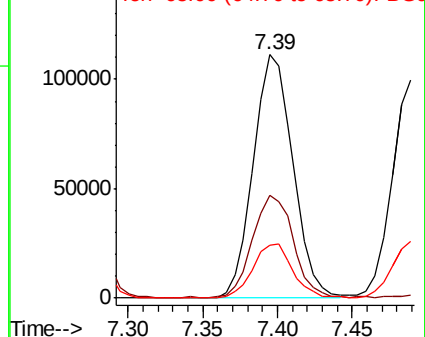
65 21.7 17.4 26.0

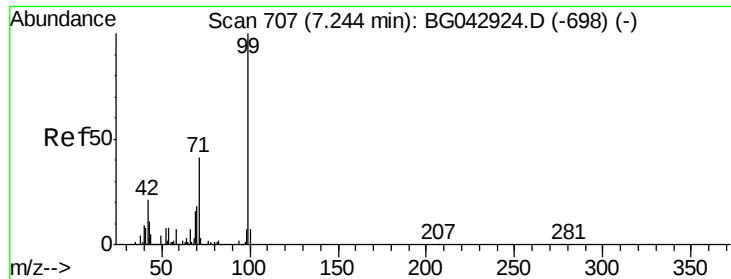


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.535 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

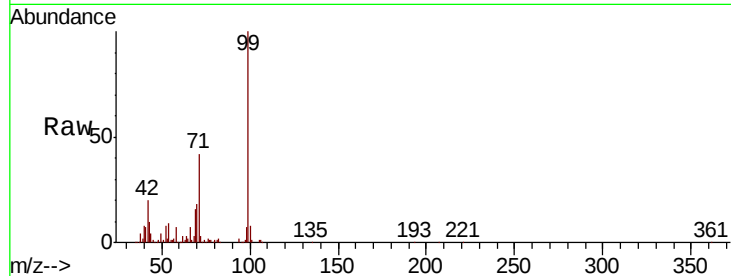
BNA_G

ClientSampleId :

PB123559BSD

Tot Ion: 99 Resp: 598307

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.2	25.8
71	41.7	33.1	49.7

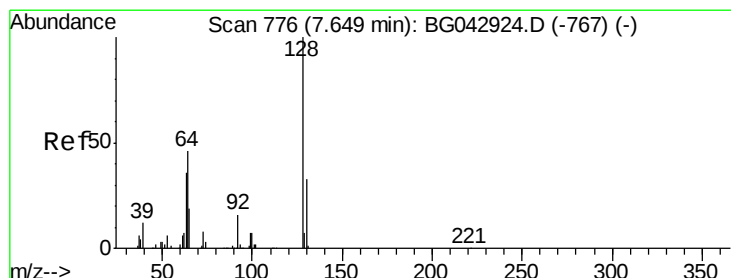
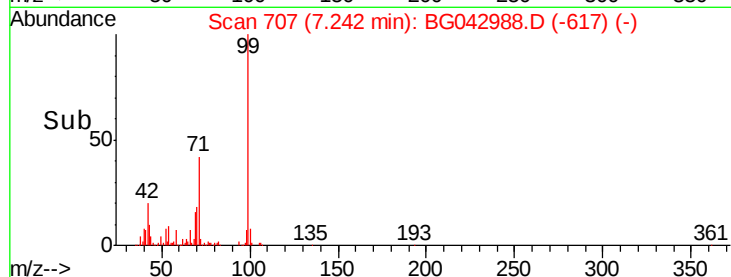
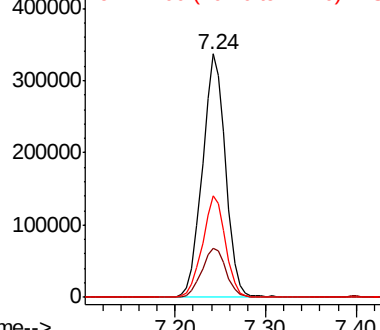


Abundance

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: 48.613 ng

RT: 7.64 min Scan# 775

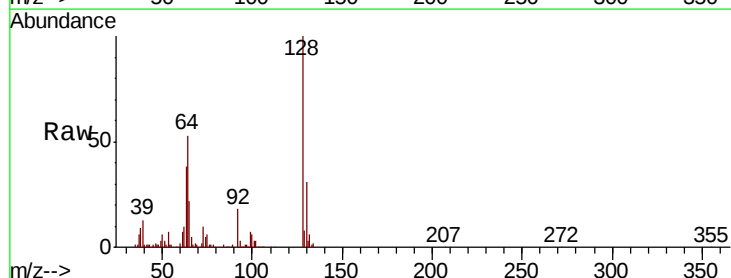
Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:128 Resp: 185523

Ion	Ratio	Lower	Upper
128	100		
130	31.2	12.5	52.5
64	53.3	32.8	72.8

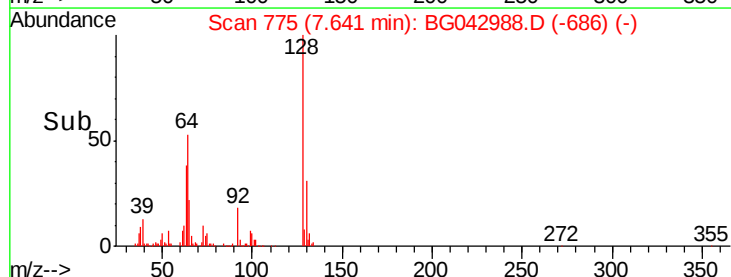
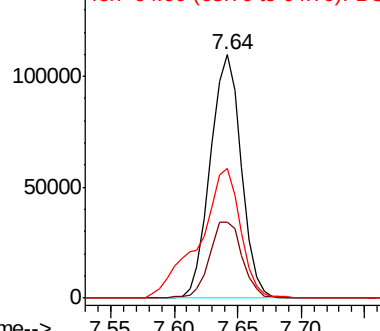


Abundance

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: 30.841 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

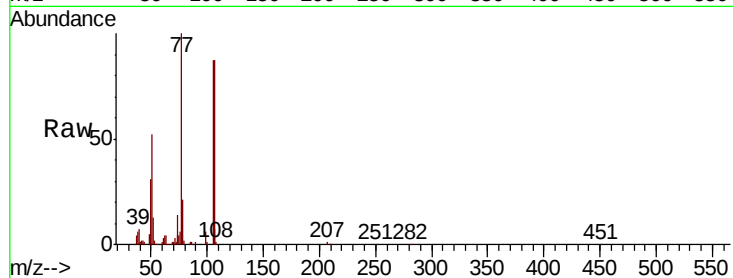
Tot Ion: 77 Resp: 99313

Ion Ratio Lower Upper

77 100

105 86.7 64.6 104.6

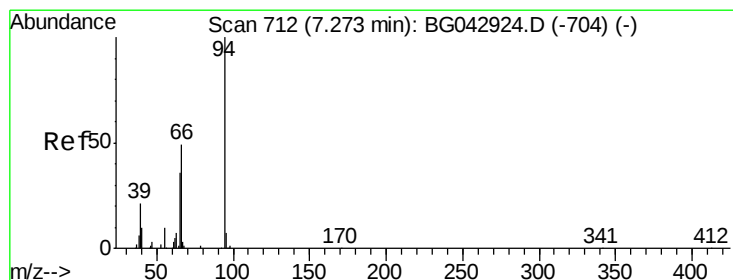
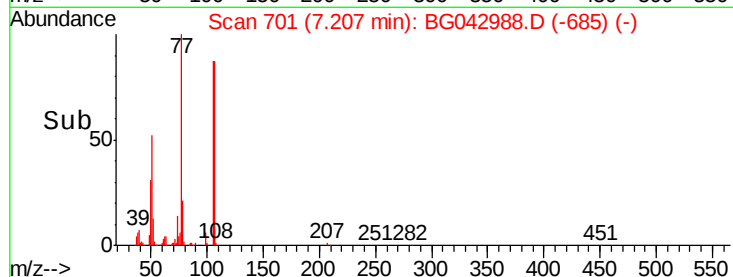
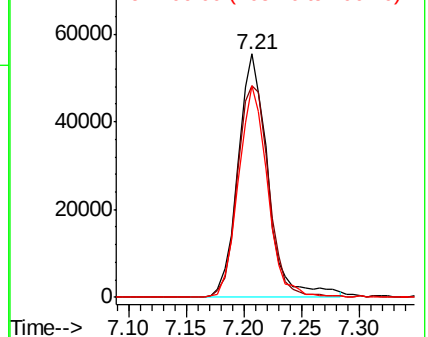
106 87.0 59.4 99.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.978 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

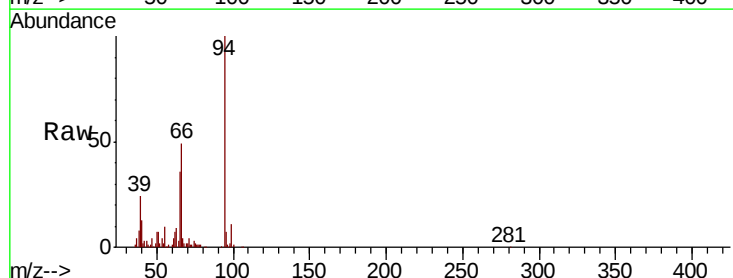
Tgt Ion: 94 Resp: 231969

Ion Ratio Lower Upper

94 100

65 35.8 16.6 56.6

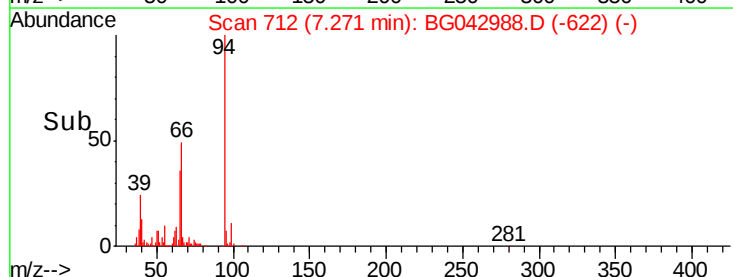
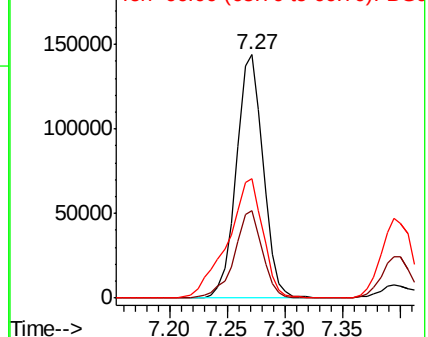
66 48.9 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

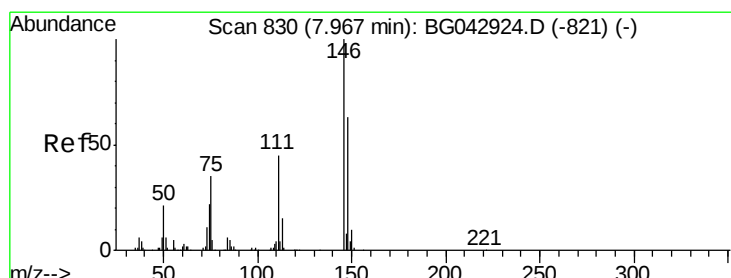
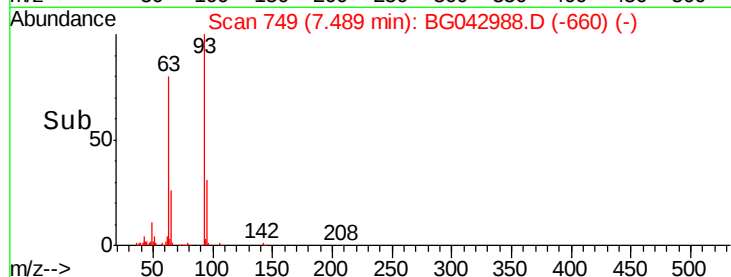
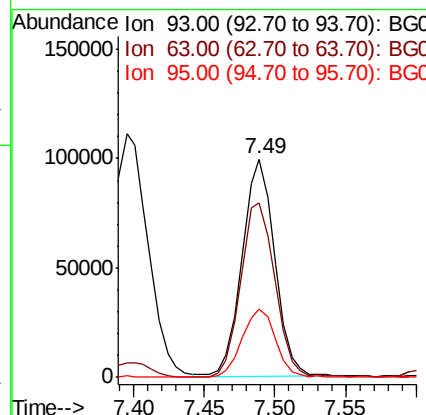
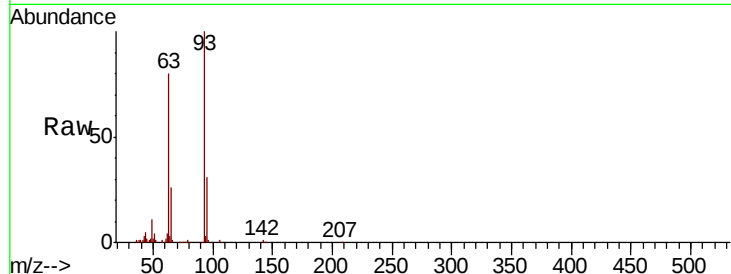




#11
bis(2-Chloroethyl)ether
Concen: 43.165 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

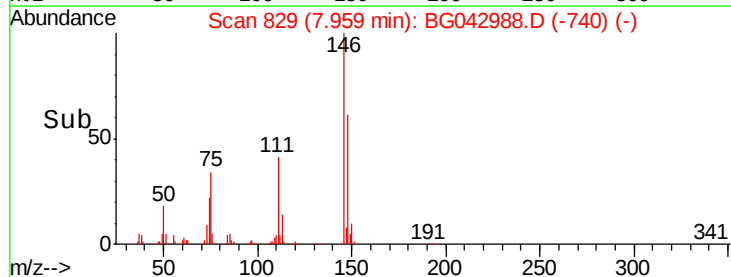
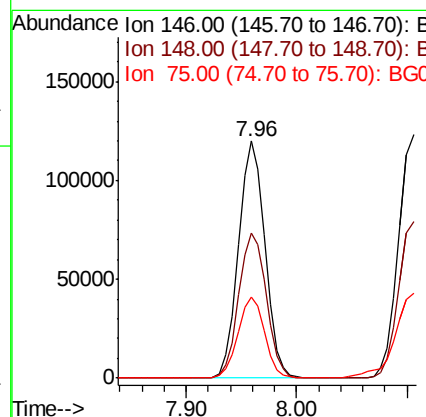
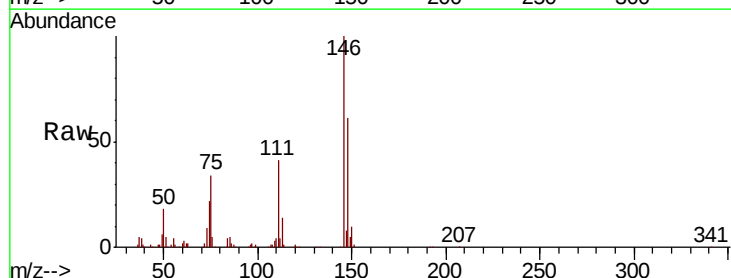
Instrument :
BNA_G
ClientSampleId :
PB123559BSD

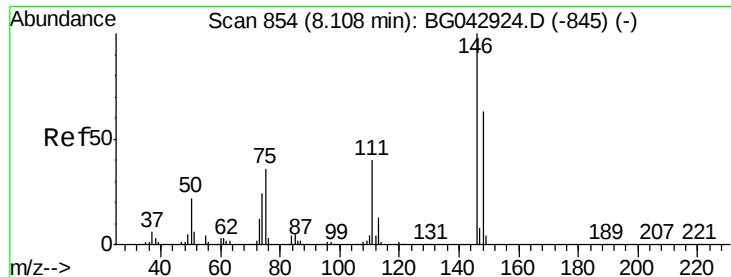
Tot Ion	93	Resp	161475
Ion	Ratio	Lower	Upper
93	100		
63	80.2	67.4	107.4
95	31.2	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 41.593 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	146	Resp	202491
Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.7	76.1
75	34.1	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 42.571 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

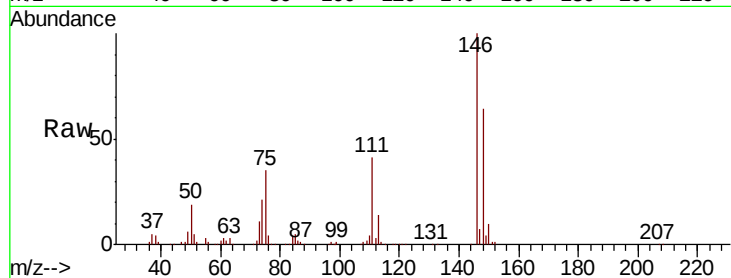
Tot Ion:146 Resp: 206604

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

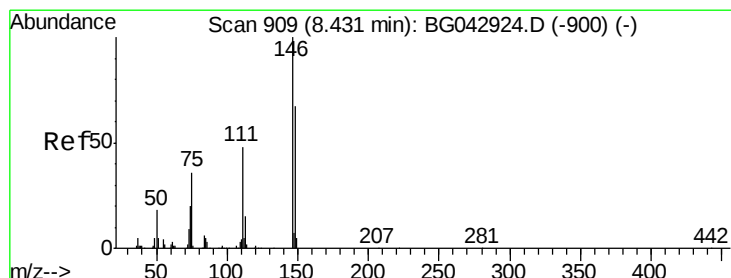
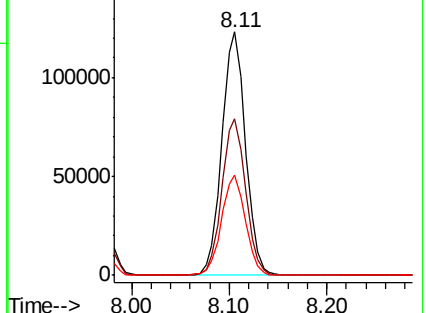
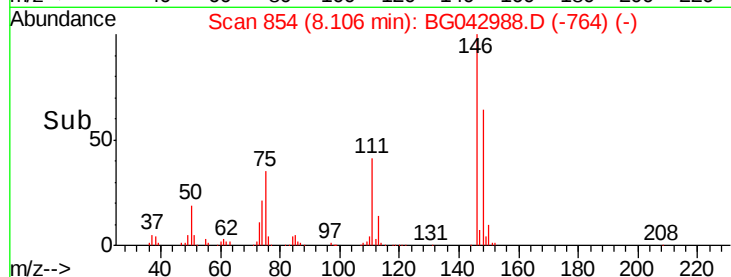
111 41.0 31.8 47.8



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: 42.516 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

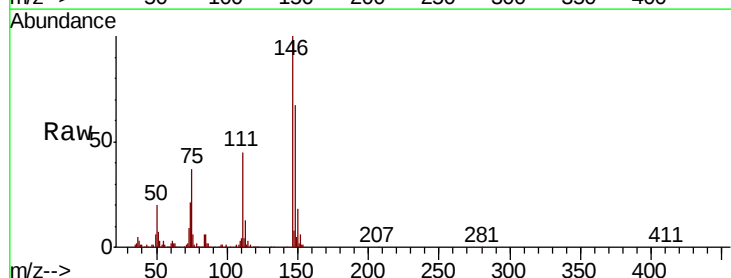
Tgt Ion:146 Resp: 196444

Ion Ratio Lower Upper

146 100

148 66.6 53.4 80.2

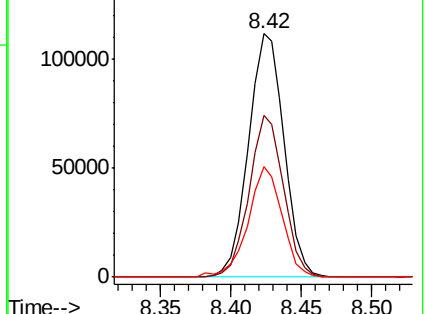
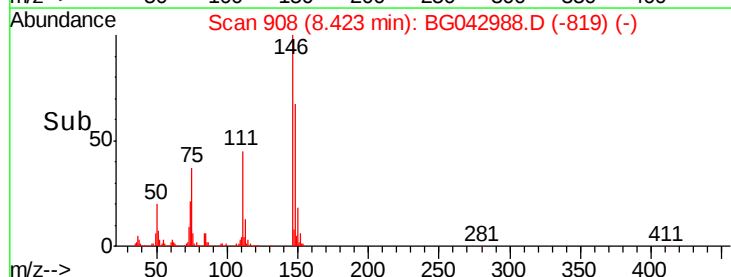
111 45.3 38.5 57.7

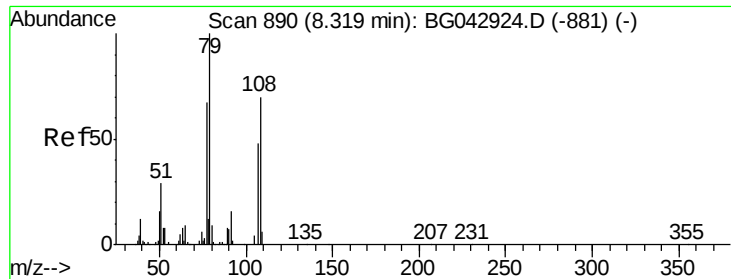


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.871 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

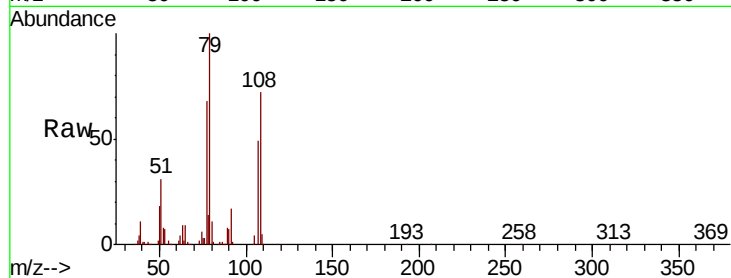
Tot Ion: 79 Resp: 177780

Ion Ratio Lower Upper

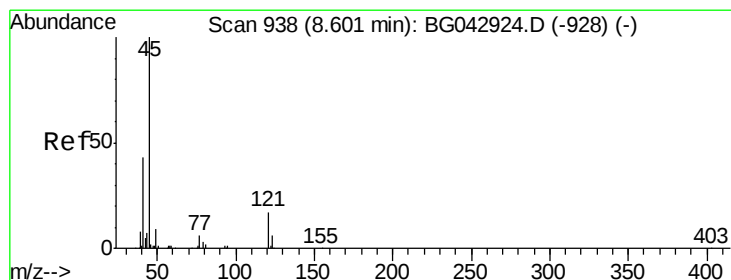
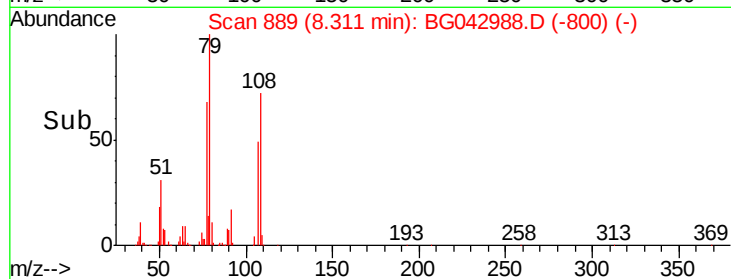
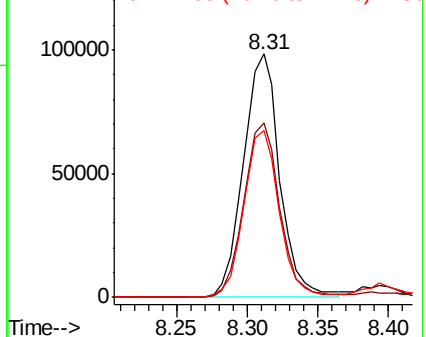
79 100

108 71.9 55.7 83.5

77 68.3 53.3 79.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.956 ng

RT: 8.59 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

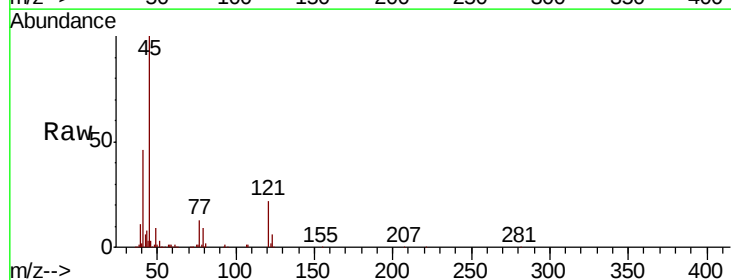
Tgt Ion: 45 Resp: 265500

Ion Ratio Lower Upper

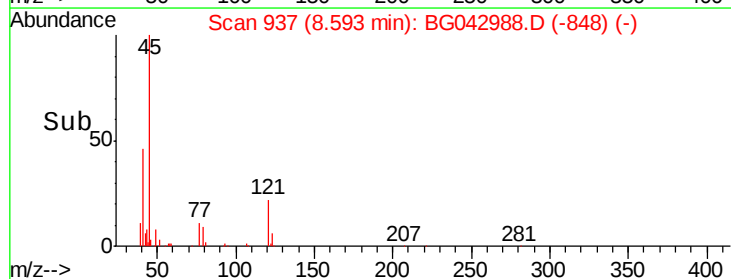
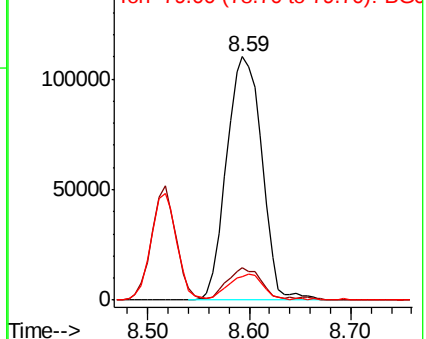
45 100

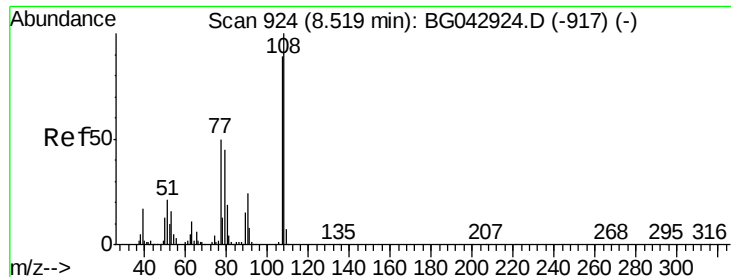
77 13.2 0.0 32.8

79 9.4 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

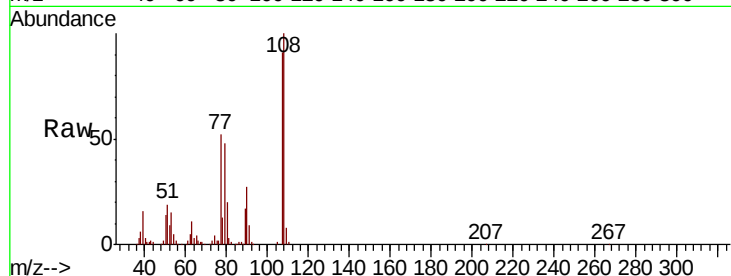




#17
2-Methylphenol
Concen: 46.483 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion:	107	Resp:	157254
Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.9	134.9
77	56.9	45.4	68.2
79	52.6	41.4	62.0



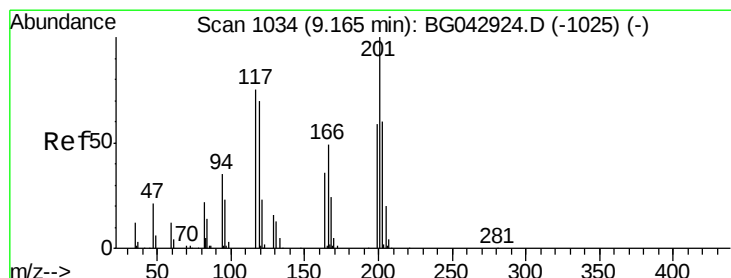
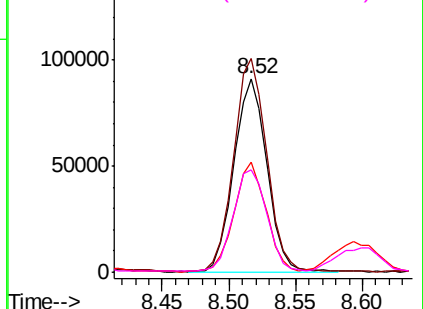
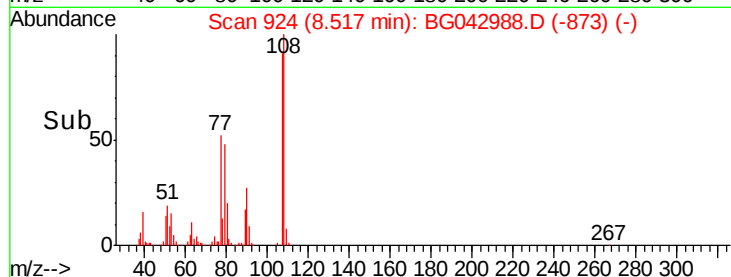
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

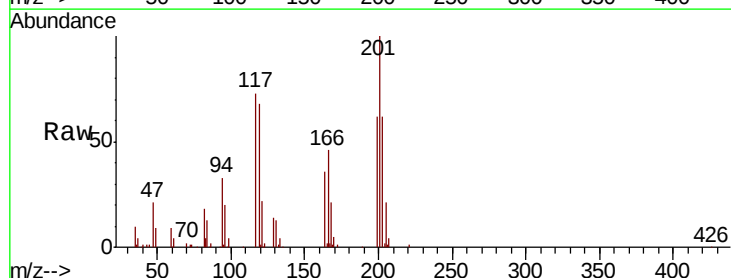
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.224 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion:	117	Resp:	75349
Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.6	111.8
201	137.4	106.0	159.0

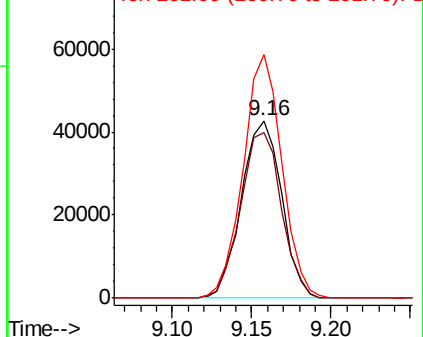
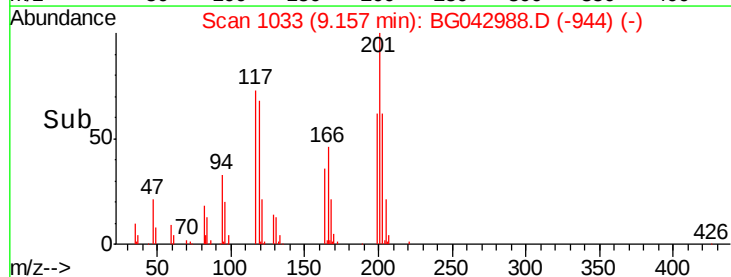


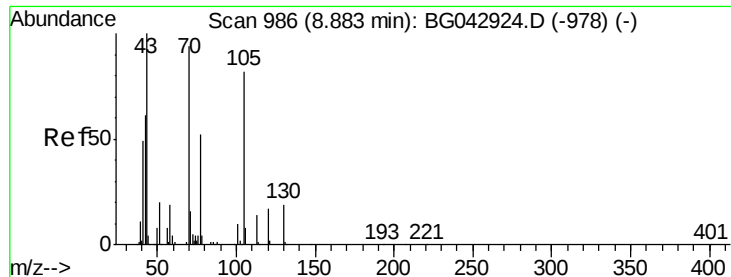
Abundance

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

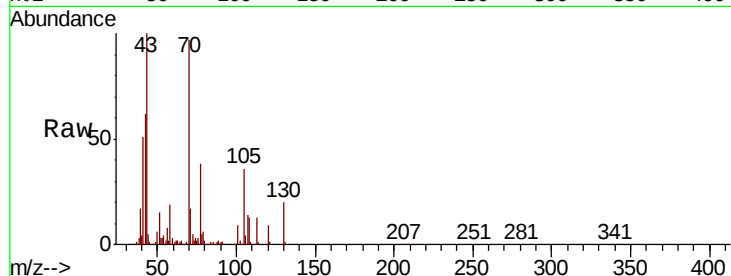




#19
n-Nitroso-di-n-propylamine
Concen: 41.385 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

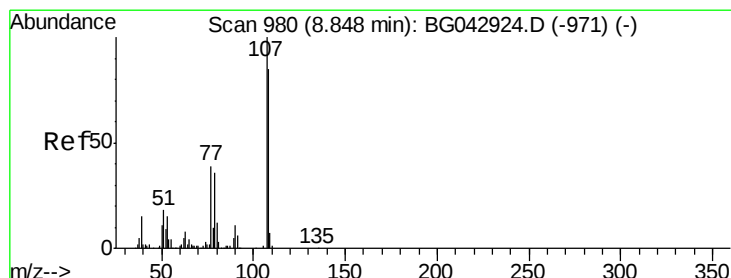
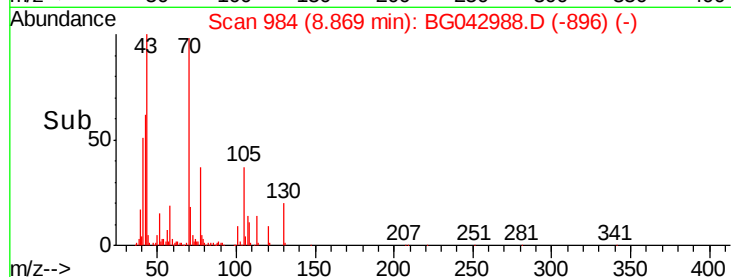
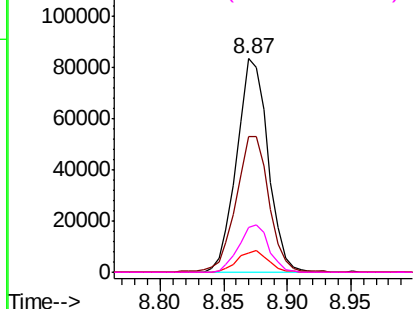
Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion: 70 Resp: 143204
Ion Ratio Lower Upper
70 100
42 63.7 52.6 79.0
101 8.9 8.7 13.1
130 20.7 15.8 23.8



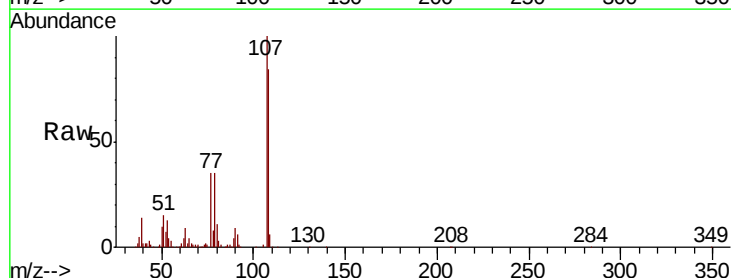
Abundance

Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



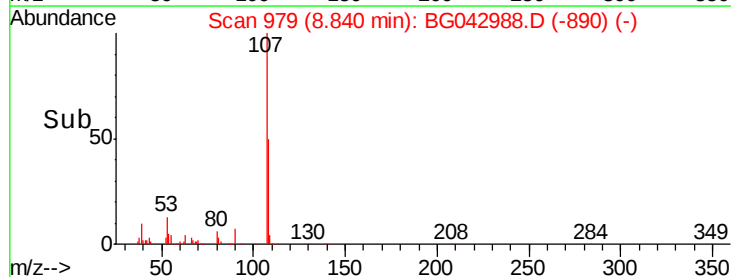
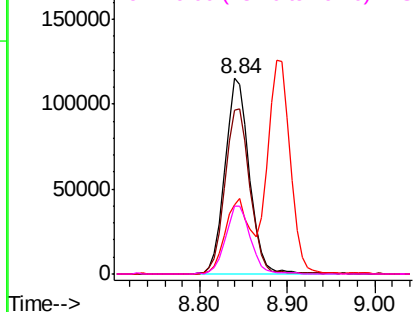
#20
3+4-Methylphenols
Concen: 47.532 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion: 107 Resp: 220362
Ion Ratio Lower Upper
107 100
108 83.7 64.9 104.9
77 35.5 19.4 59.4
79 34.5 16.2 56.2



Abundance

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

Tot Ion:136 Resp: 262064

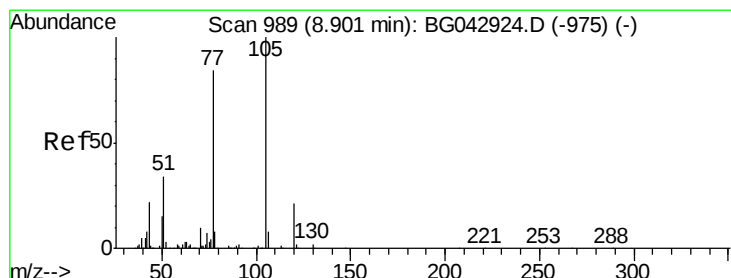
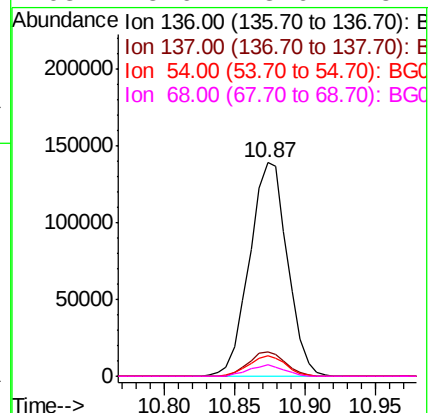
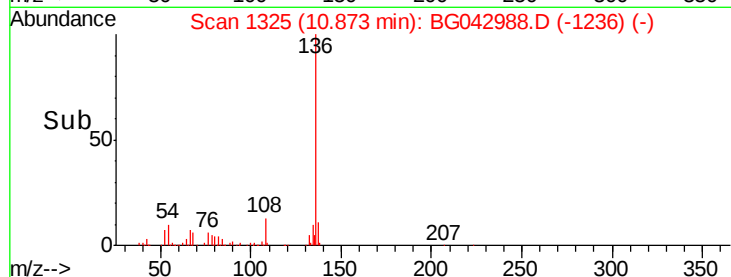
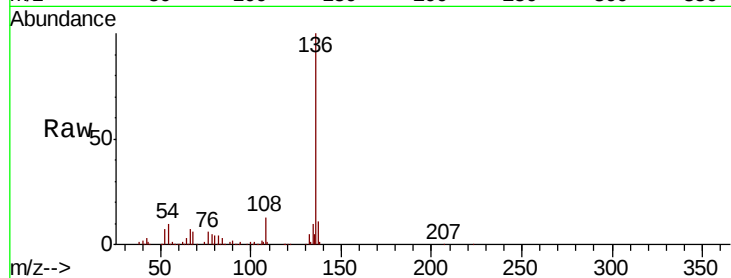
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.6 7.4 11.2

68 5.6 3.6 5.4#



#22

Acetophenone

Concen: 40.128 ng

RT: 8.89 min Scan# 988

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:105 Resp: 271074

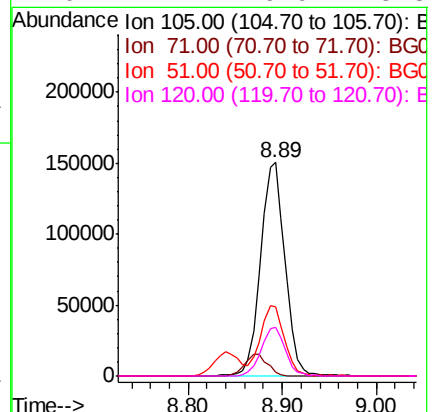
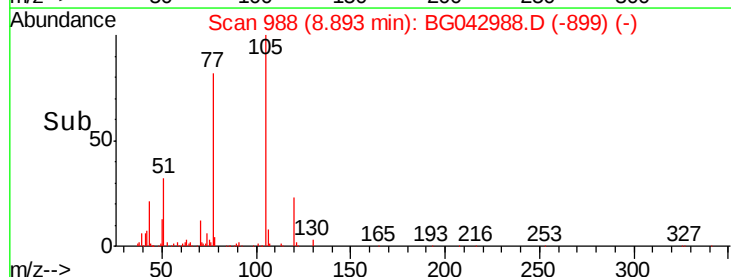
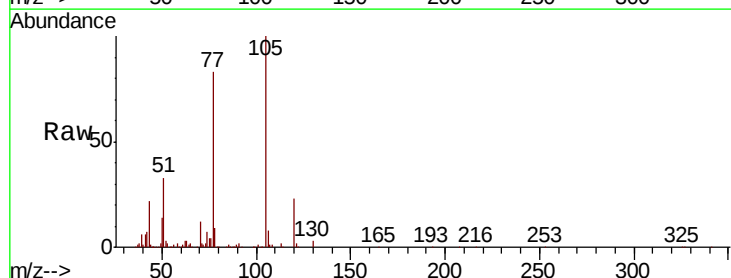
Ion Ratio Lower Upper

105 100

71 1.7 1.2 1.8

51 32.6 27.2 40.8

120 22.7 16.9 25.3

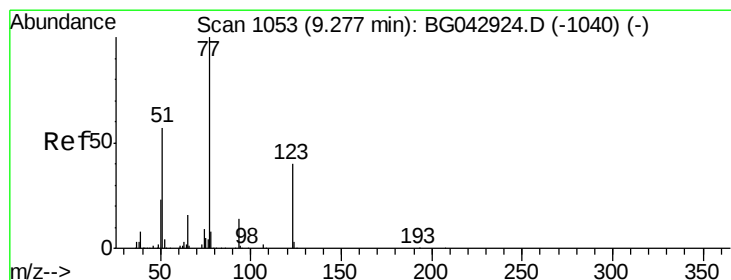
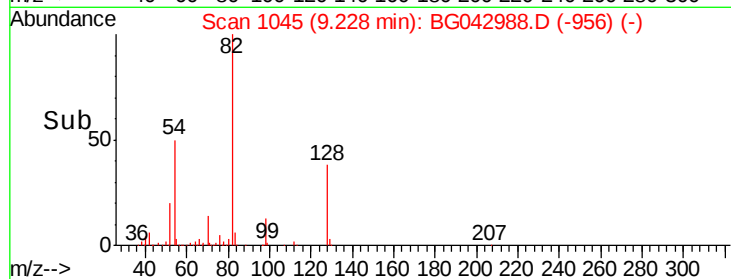
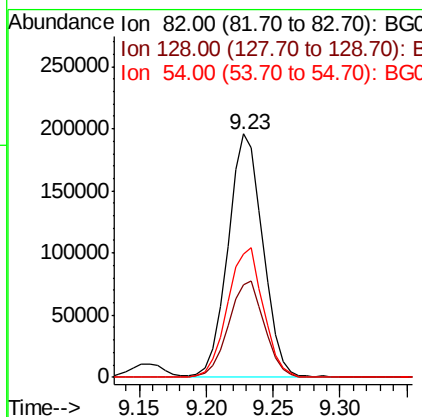
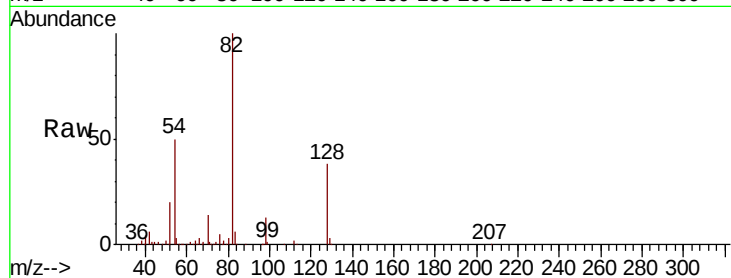




#23
 Nitrobenzene-d5
 Concen: 65.867 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

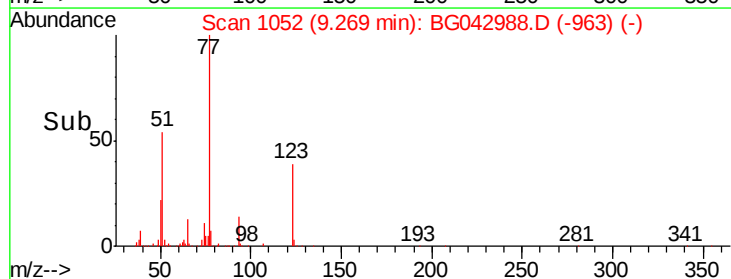
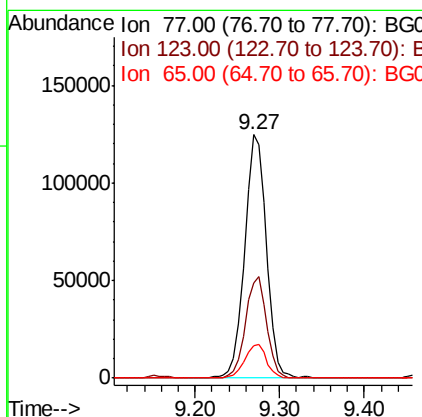
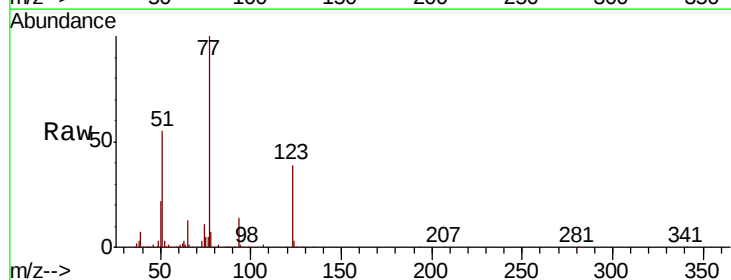
Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

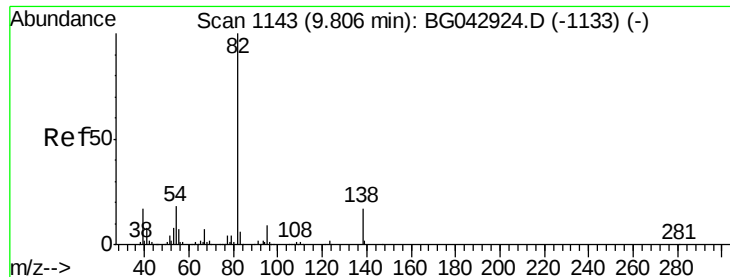
Tot Ion	82	Resp	355133
Ion Ratio	Lower	Upper	
82	100		
128	38.3	29.5	44.3
54	50.4	44.6	67.0



#24
 Nitrobenzene
 Concen: 43.295 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion	77	Resp	222659
Ion Ratio	Lower	Upper	
77	100		
123	38.9	31.9	47.9
65	13.3	12.4	18.6





#25

Isophorone

Concen: 41.605 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

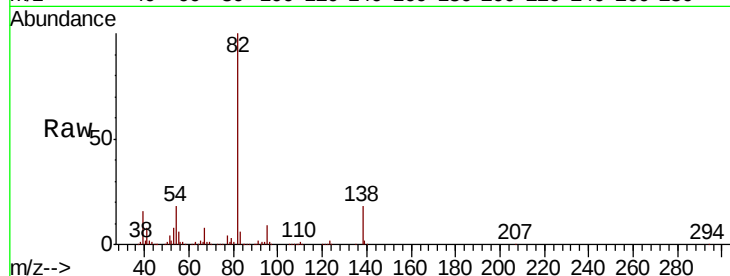
Tot Ion: 82 Resp: 394029

Ion Ratio Lower Upper

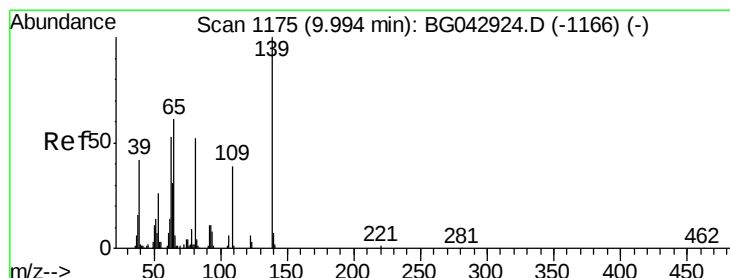
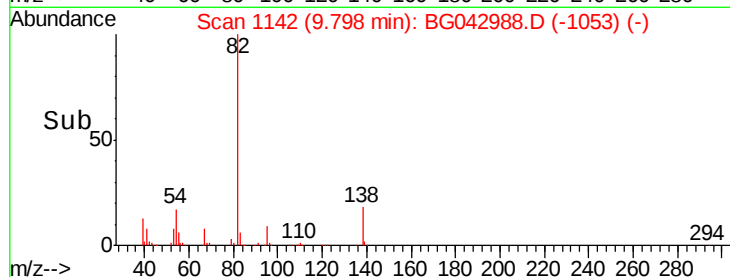
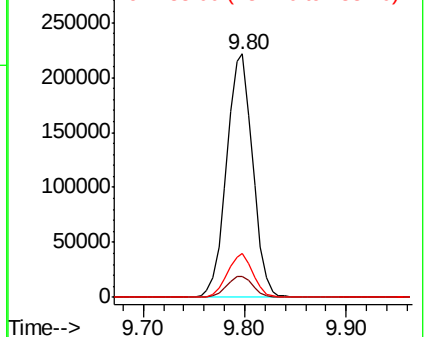
82 100

95 8.8 7.0 10.4

138 18.1 13.8 20.6



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: 48.340 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

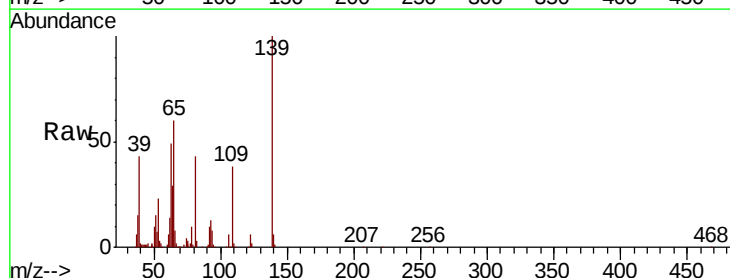
Tgt Ion: 139 Resp: 105830

Ion Ratio Lower Upper

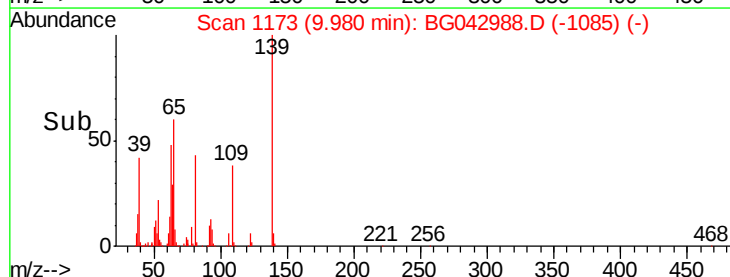
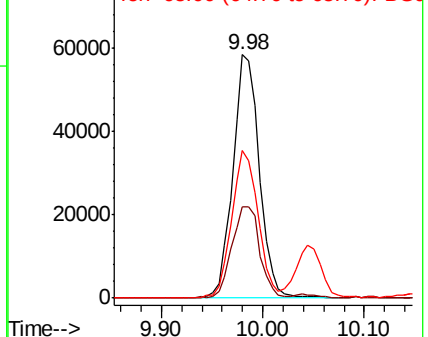
139 100

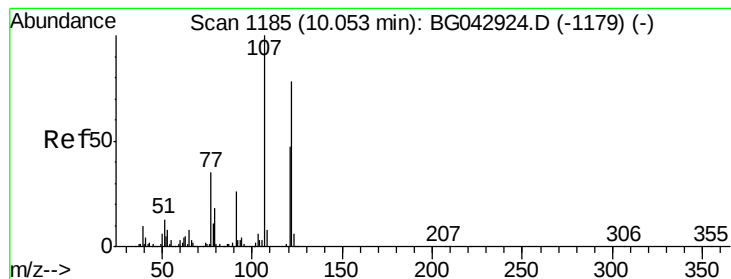
109 37.7 31.0 46.6

65 60.4 48.4 72.6



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: 51.732 ng

RT: 10.04 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

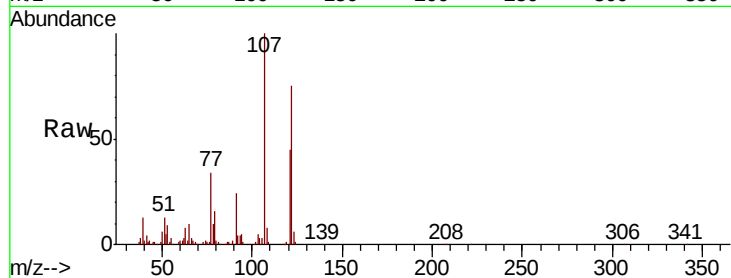
Tot Ion:122 Resp: 173930

Ion Ratio Lower Upper

122 100

107 132.8 102.2 153.2

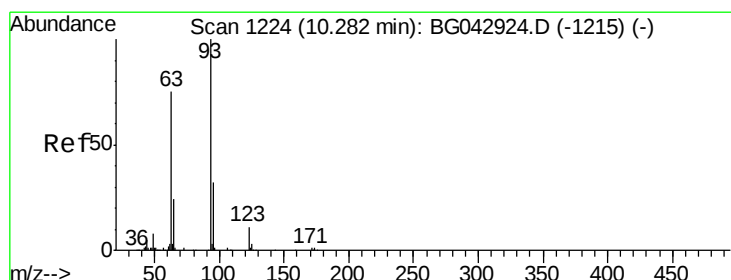
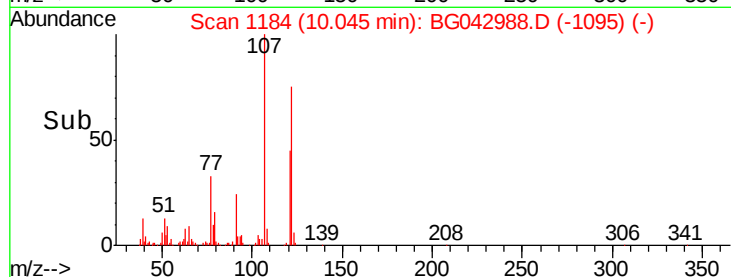
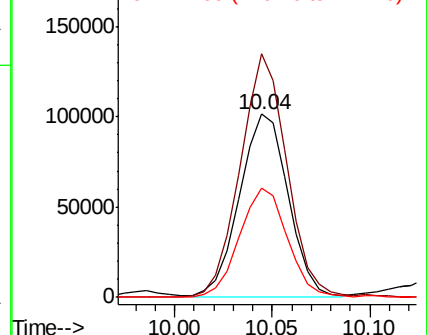
121 59.4 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.789 ng

RT: 10.27 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

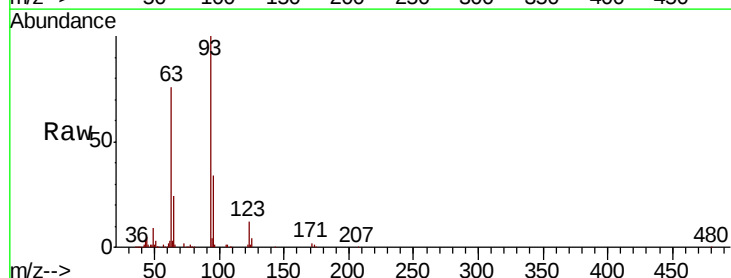
Tgt Ion: 93 Resp: 219173

Ion Ratio Lower Upper

93 100

95 34.1 25.4 38.0

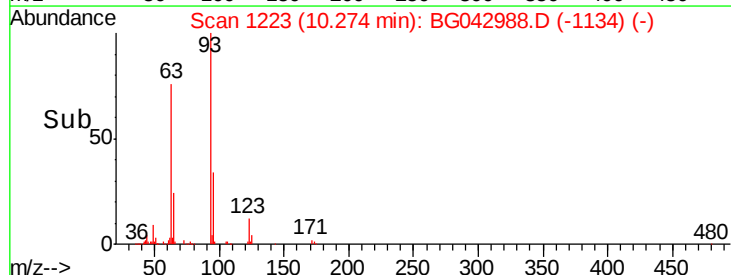
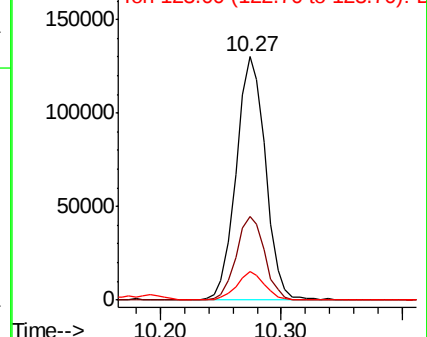
123 11.7 9.3 13.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

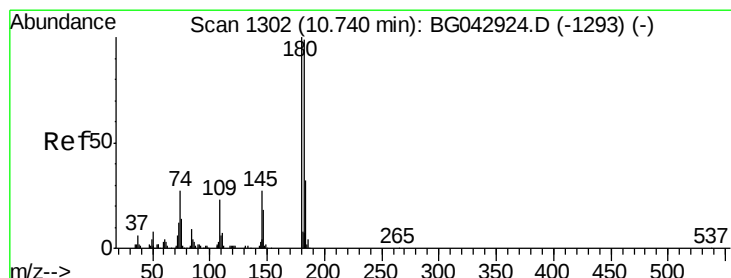
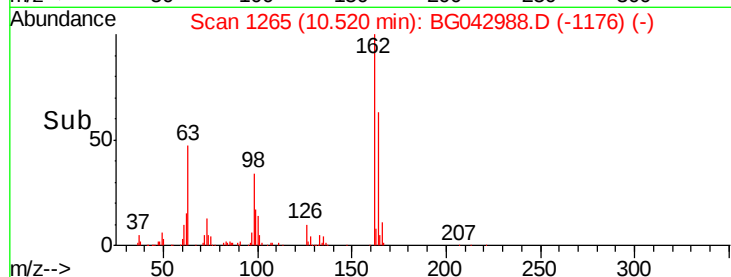
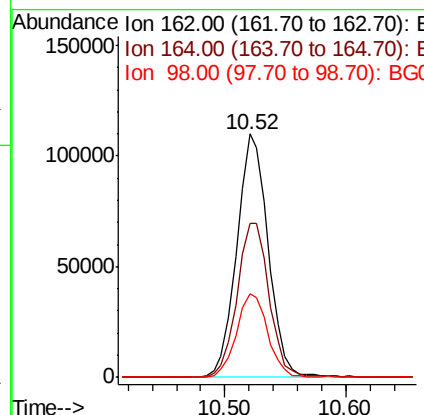
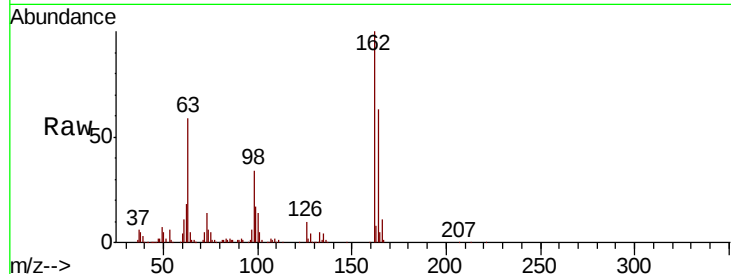




#29
 2,4-Dichlorophenol
 Concen: 47.507 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

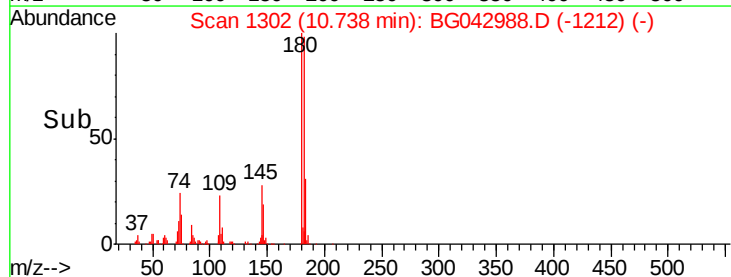
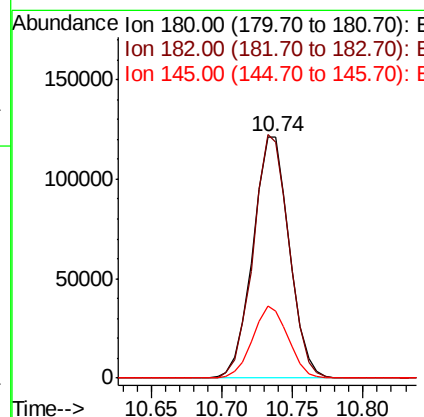
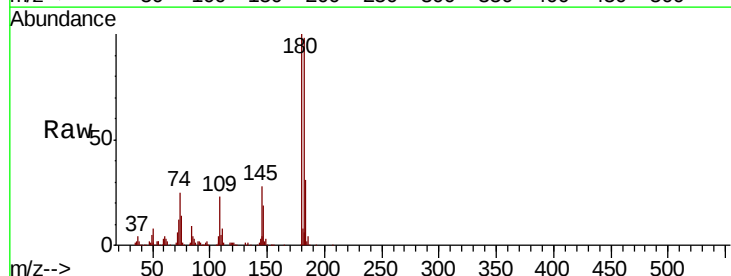
Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.7	84.7
98	34.1	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.737 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	79.3	118.9
145	27.5	22.0	33.0

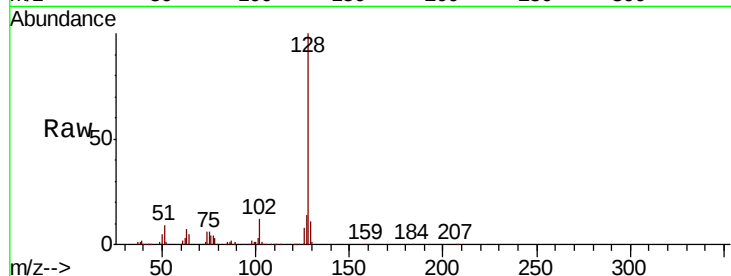




#31
Naphthalene
Concen: 43.345 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.7	11.3	16.9

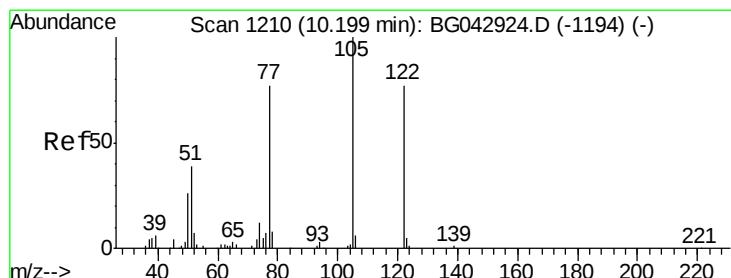
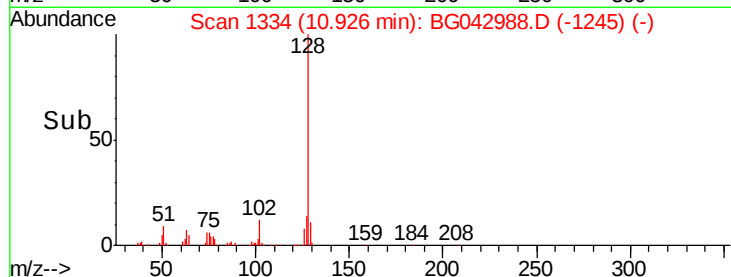
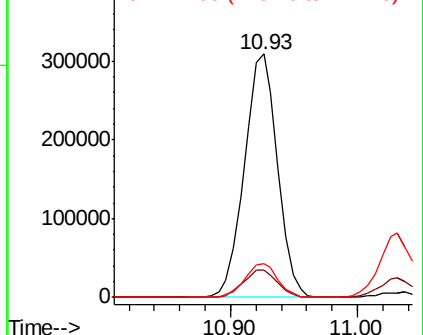


Abundance

Ion 128.00 (127.70 to 128.70): E

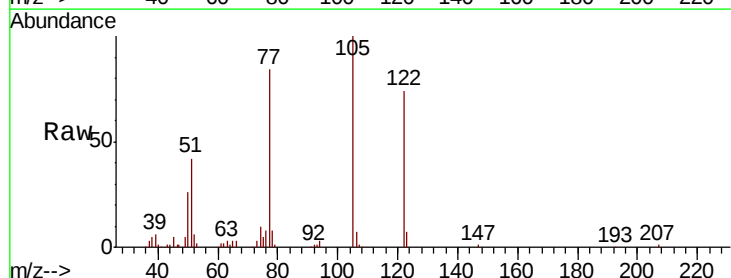
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 44.237 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.1	107.5	147.5
77	112.9	79.8	119.8

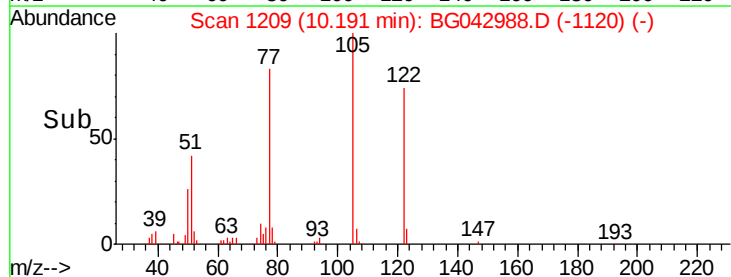
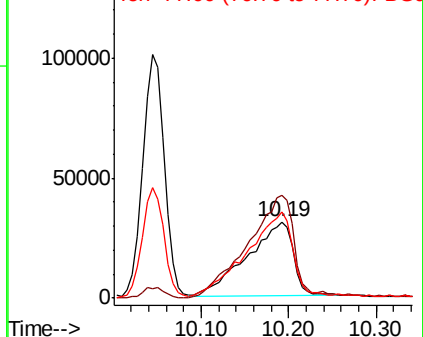


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

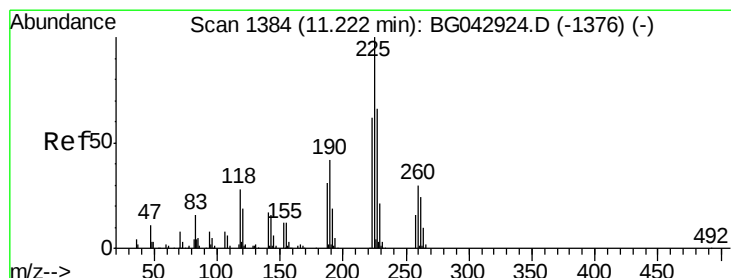
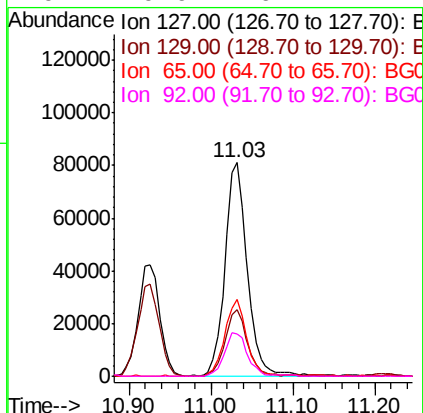
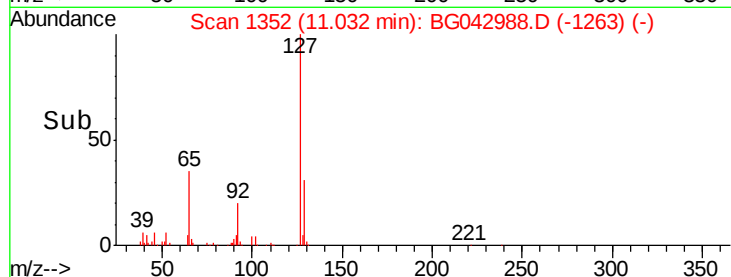
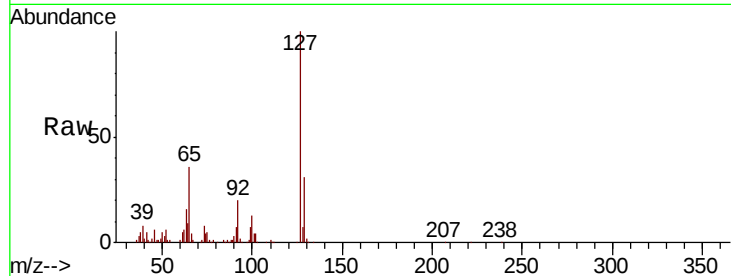




#33
4-Chloroaniline
Concen: 27.660 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

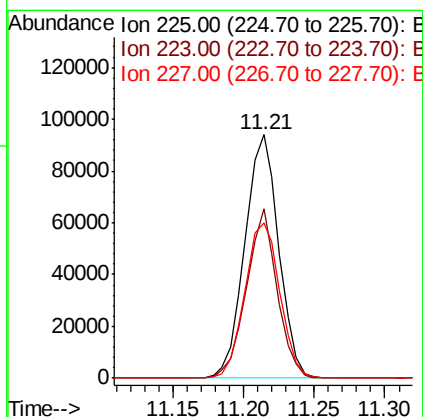
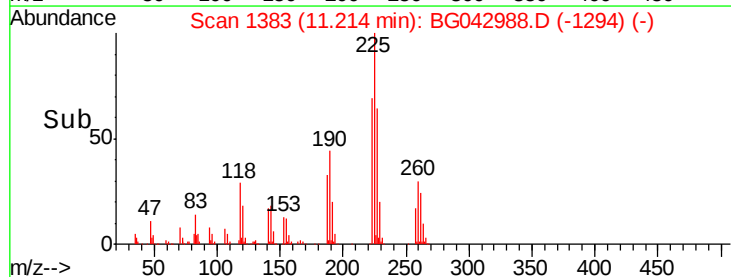
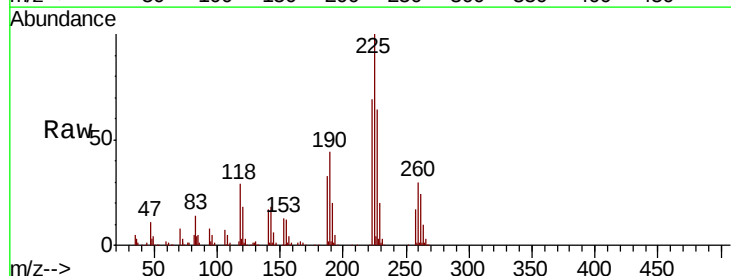
Instrument :
BNA_G
ClientSampleId :
PB123559BSD

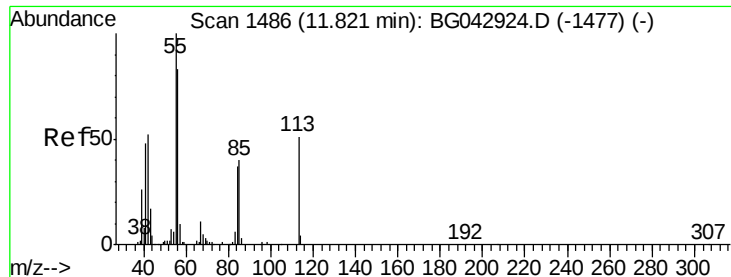
Tot Ion:	127	Resp:	154839
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.2
65	36.1	30.6	45.8
92	19.9	16.2	24.4



#34
Hexachlorobutadiene
Concen: 38.974 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion:	225	Resp:	157581
Ion	Ratio	Lower	Upper
225	100		
223	69.4	49.3	73.9
227	63.8	52.8	79.2





#35

Caprolactam

Concen: 23.379 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

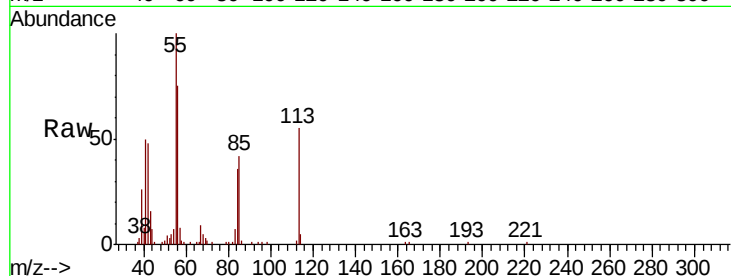
Tot Ion:113 Resp: 34475

Ion Ratio Lower Upper

113 100

55 181.8 175.5 215.5

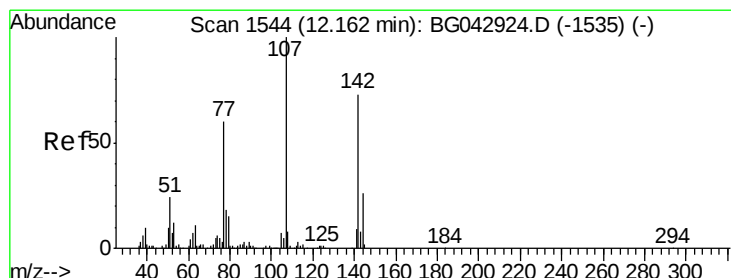
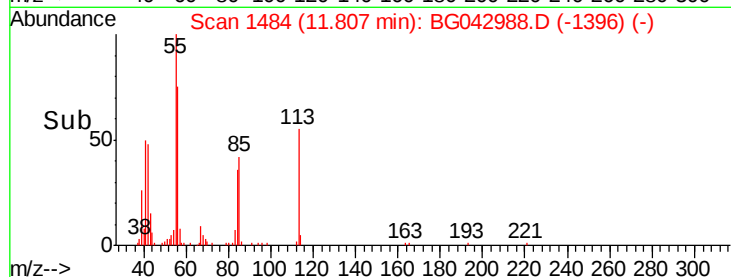
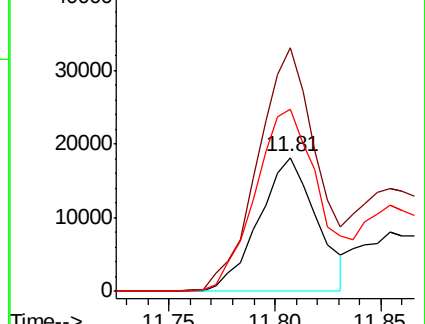
56 136.0 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.181 ng

RT: 12.15 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

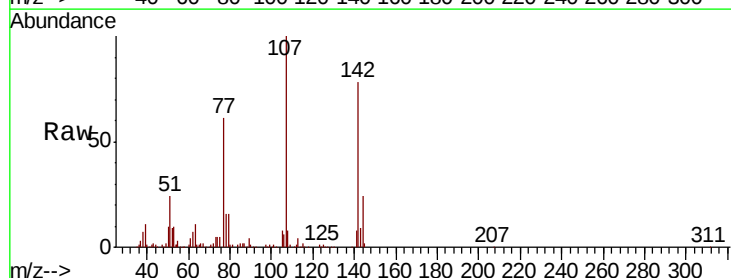
Tgt Ion:107 Resp: 209963

Ion Ratio Lower Upper

107 100

144 23.6 20.7 31.1

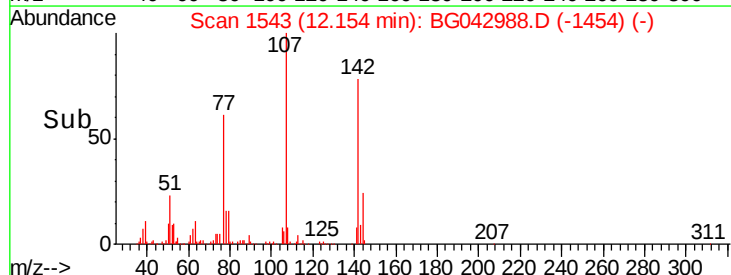
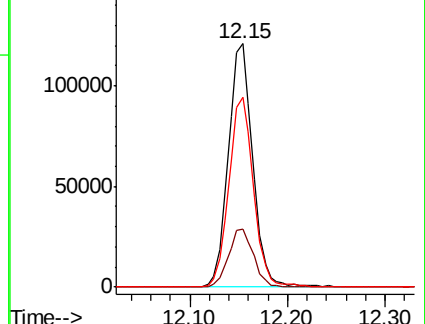
142 77.9 58.6 87.8

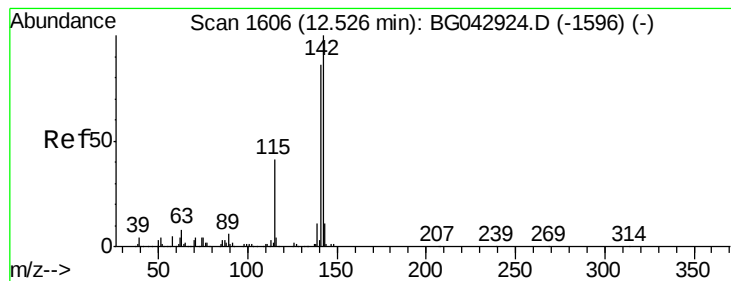


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.056 ng

RT: 12.52 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

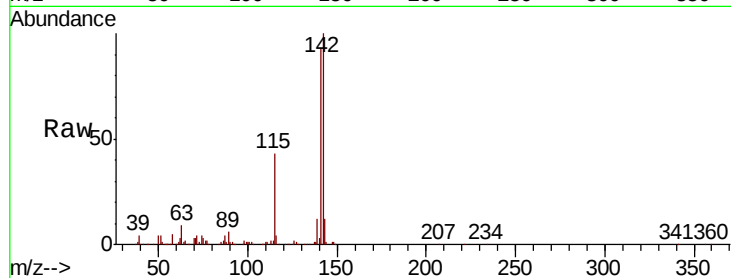
Tot Ion:142 Resp: 423735

Ion Ratio Lower Upper

142 100

141 93.3 69.0 103.4

115 42.9 32.8 49.2

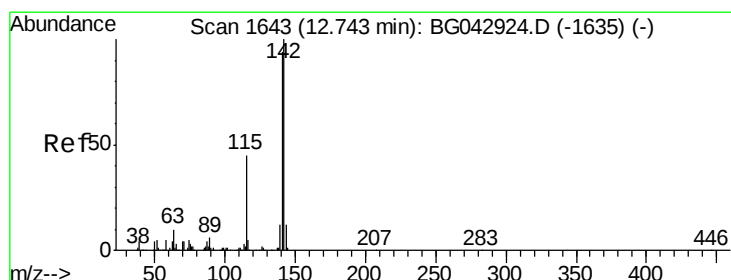
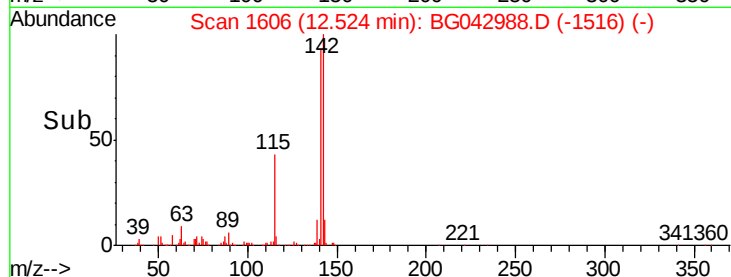
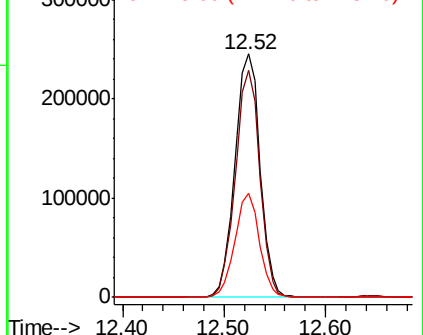


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.731 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

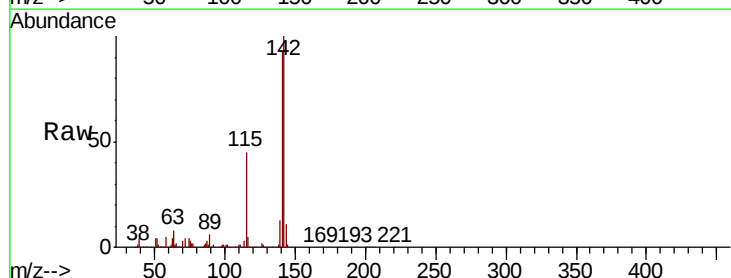
Tgt Ion:142 Resp: 397924

Ion Ratio Lower Upper

142 100

141 93.4 74.9 112.3

116 4.7 3.7 5.5

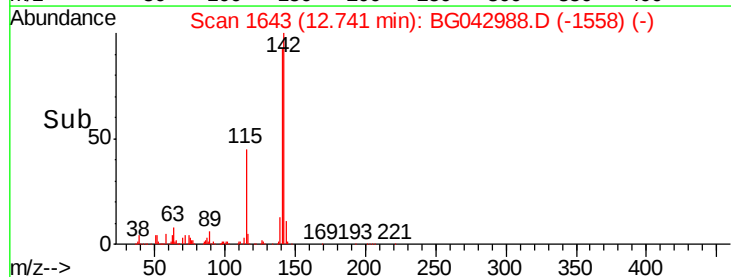
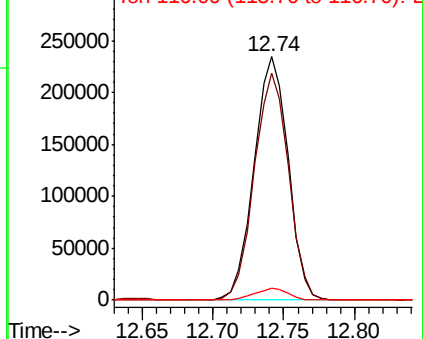


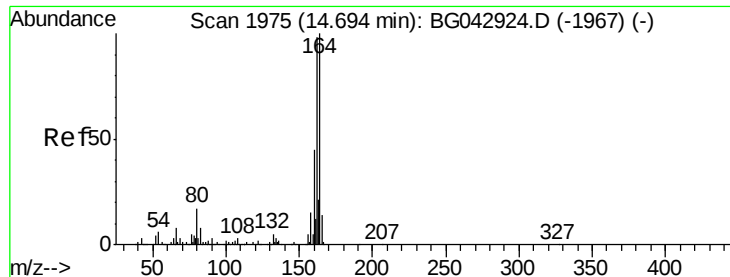
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

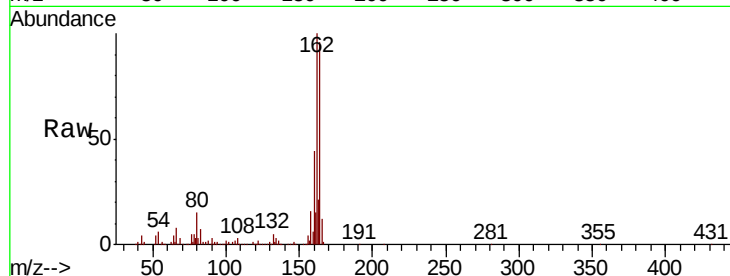
Tot Ion:164 Resp: 190641

Ion Ratio Lower Upper

164 100

162 103.7 78.5 117.7

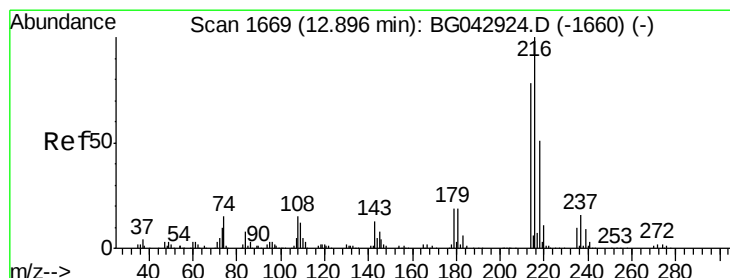
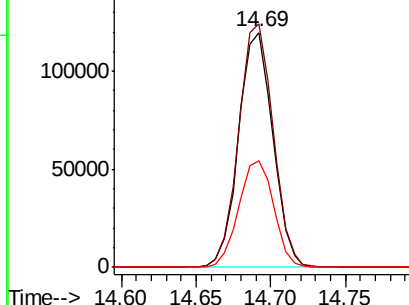
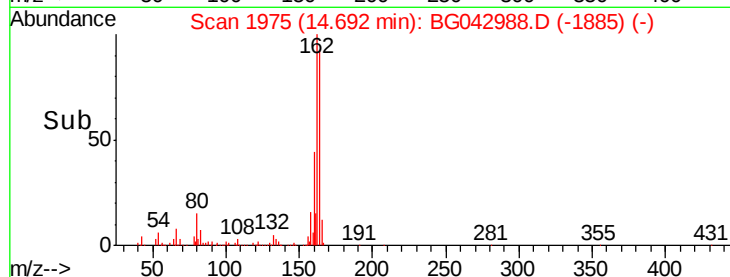
160 45.6 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.320 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:216 Resp: 281847

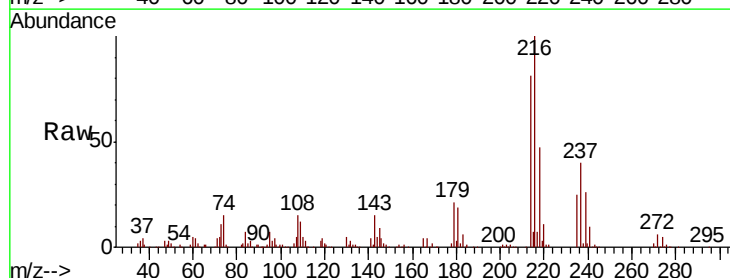
Ion Ratio Lower Upper

216 100

214 79.9 62.4 93.6

179 20.0 15.4 23.2

108 16.6 12.6 19.0

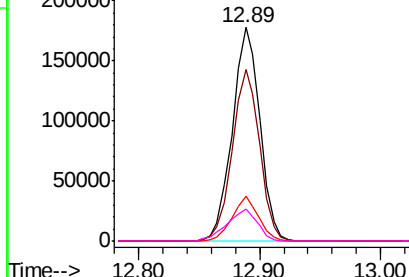
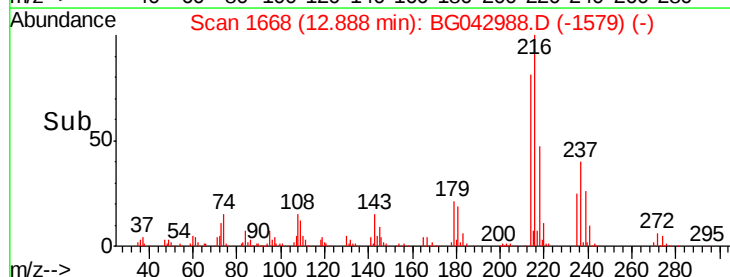


Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 71.511 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

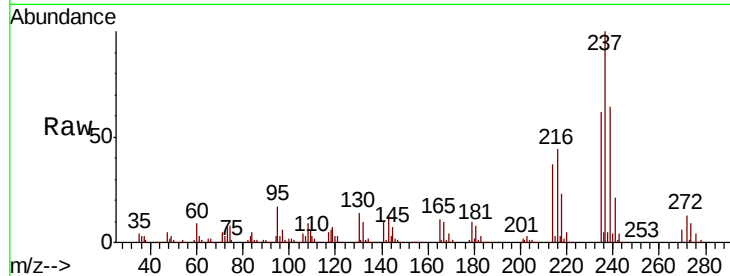
Tot Ion:237 Resp: 326600

Ion Ratio Lower Upper

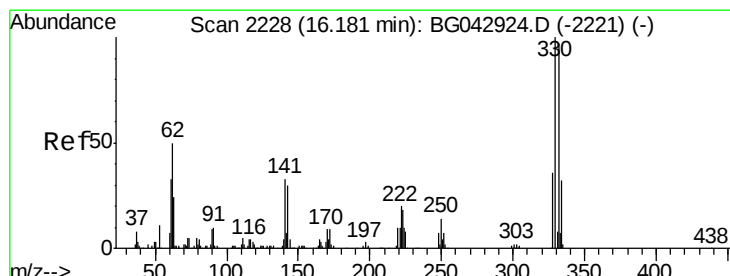
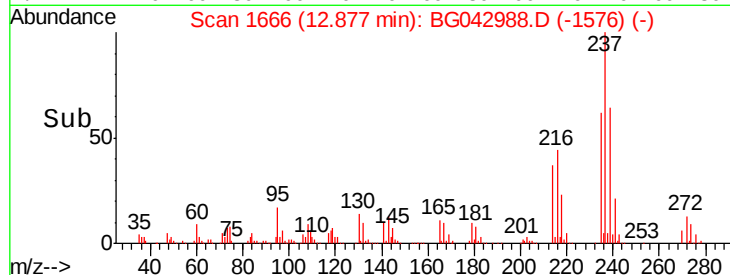
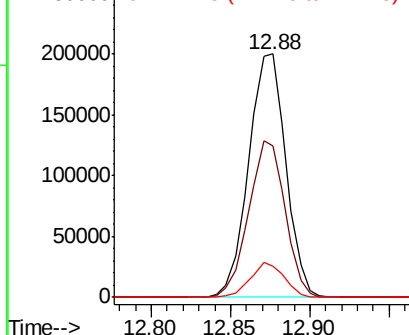
237 100

235 62.0 46.7 86.7

272 13.0 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 112.429 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

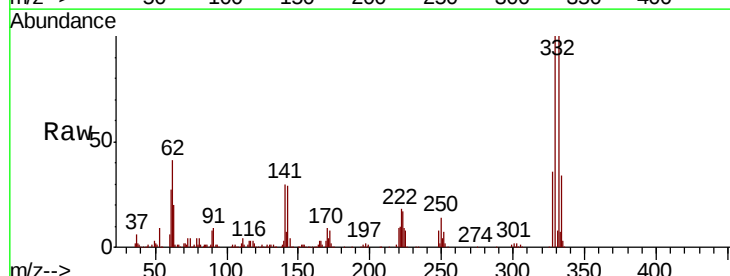
Tgt Ion:330 Resp: 368564

Ion Ratio Lower Upper

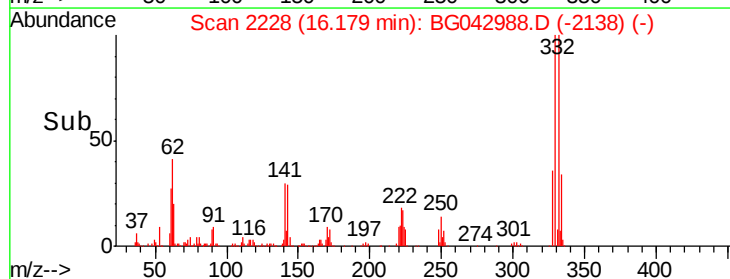
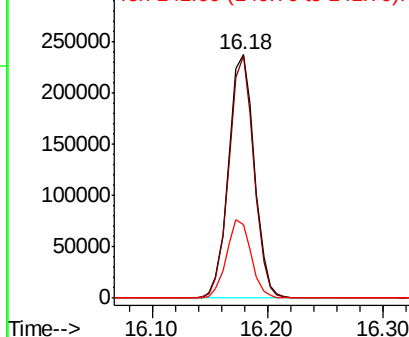
330 100

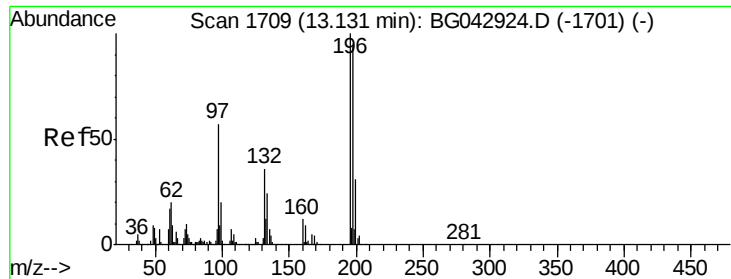
332 96.0 78.2 117.2

141 30.6 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

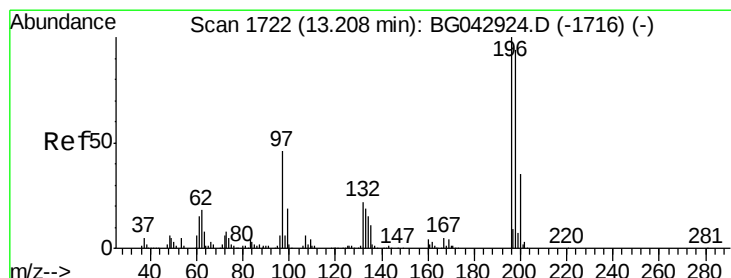
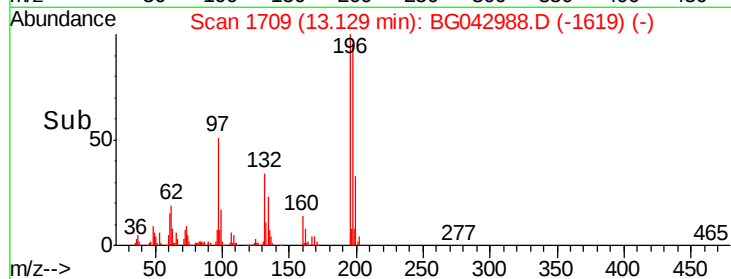
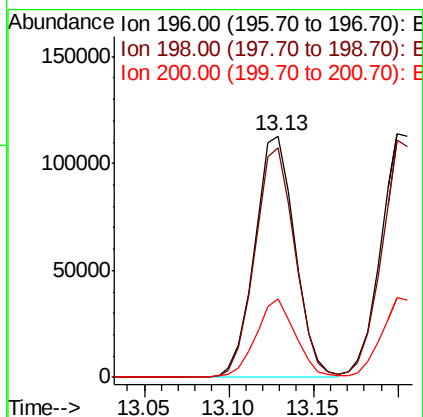
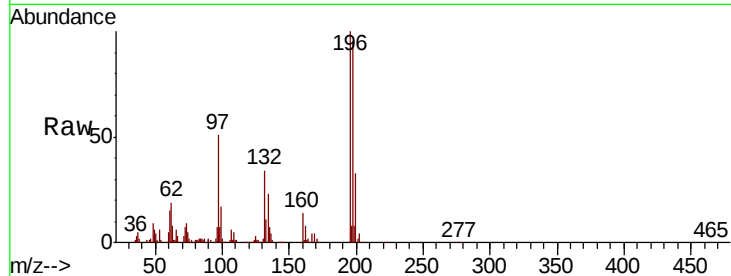




#43
 2,4,6-Trichlorophenol
 Concen: 44.289 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

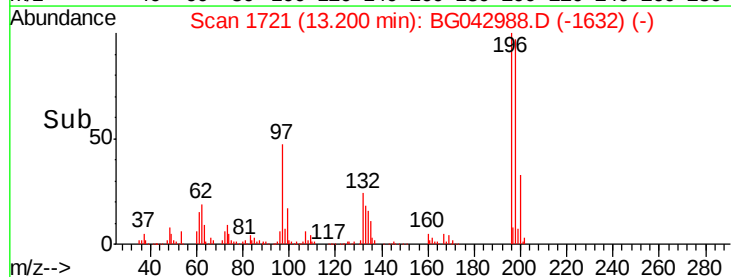
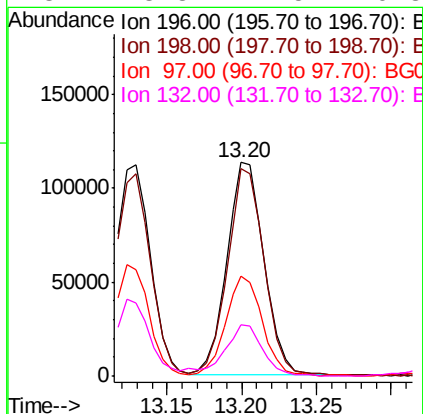
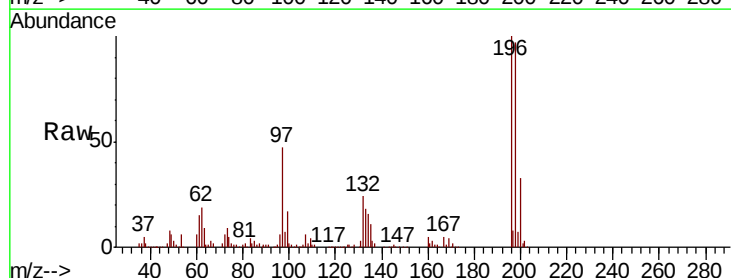
Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

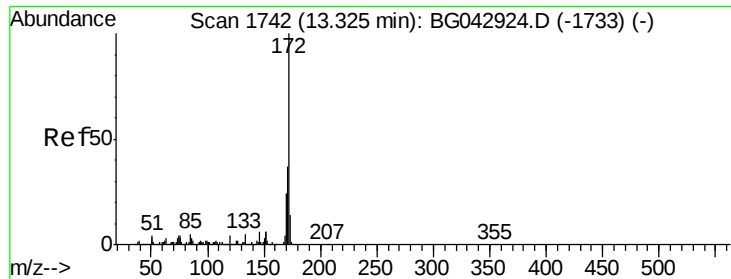
Tot Ion:196 Resp: 185812
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.5 113.3
 200 32.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.498 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion:196 Resp: 196640
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.1 112.7
 97 46.6 37.0 55.4
 132 23.8 17.5 26.3

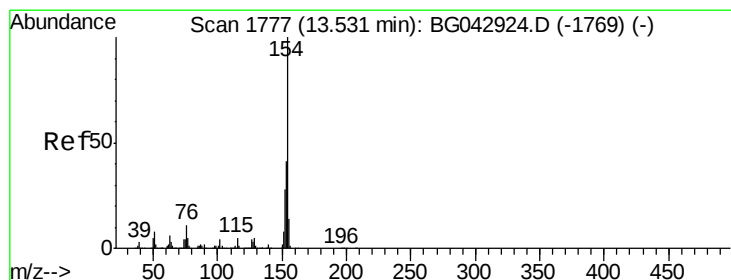
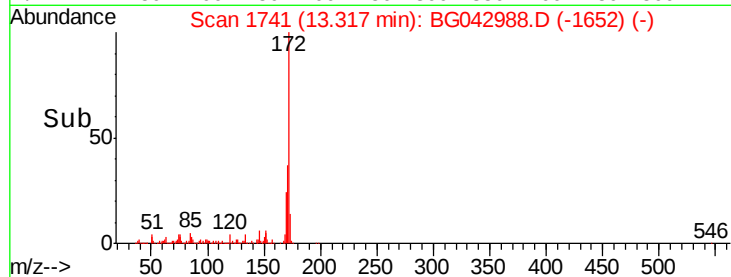
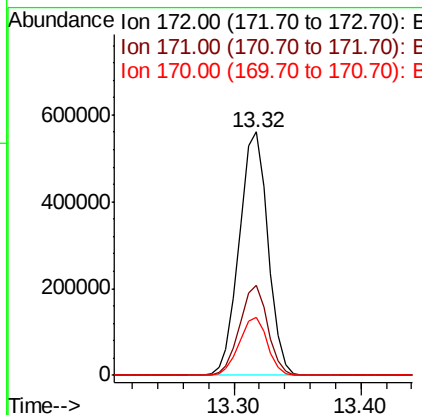
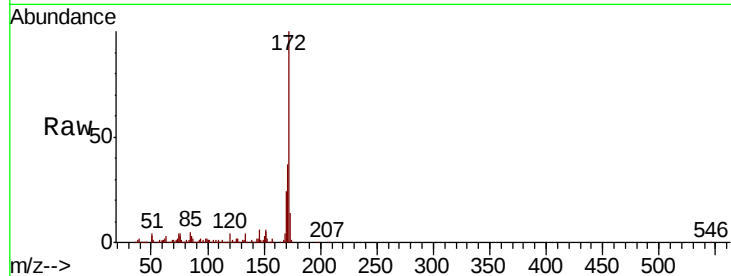




#45
 2-Fluorobiphenyl
 Concen: 66.855 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

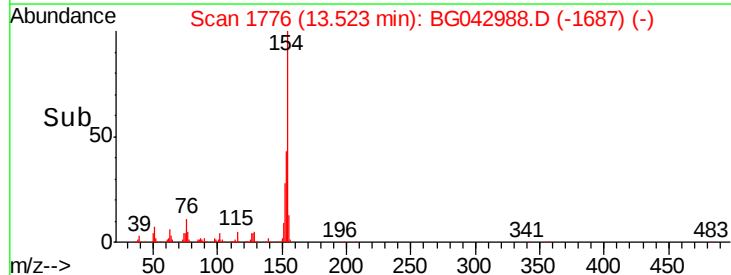
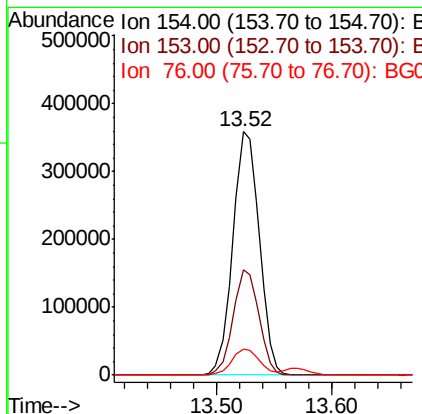
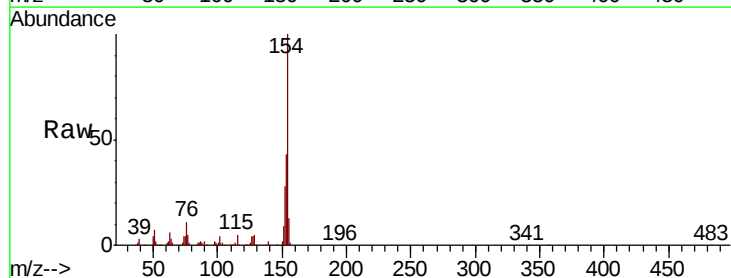
Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

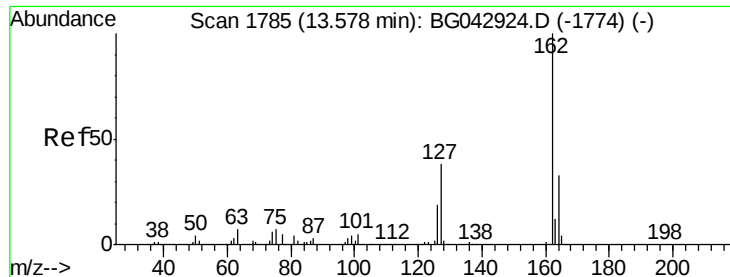
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.7	19.6	29.4



#46
 1,1'-Biphenyl
 Concen: 39.491 ng
 RT: 13.52 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	21.4	61.4
76	10.9	0.0	31.3

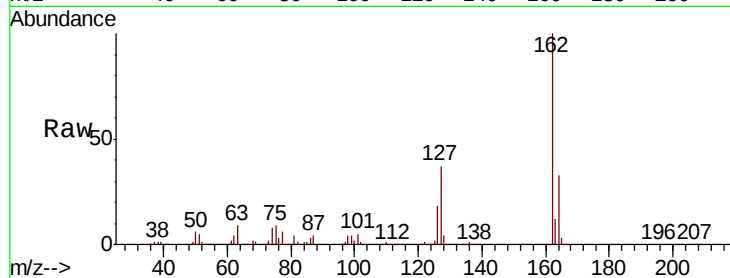




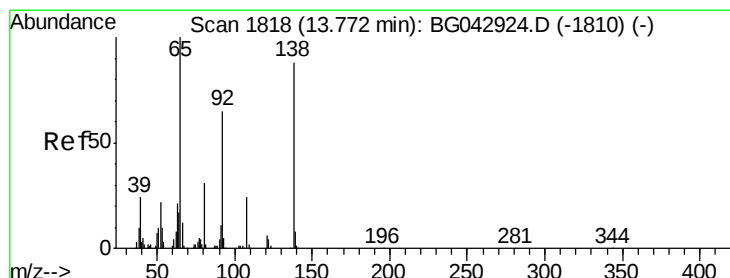
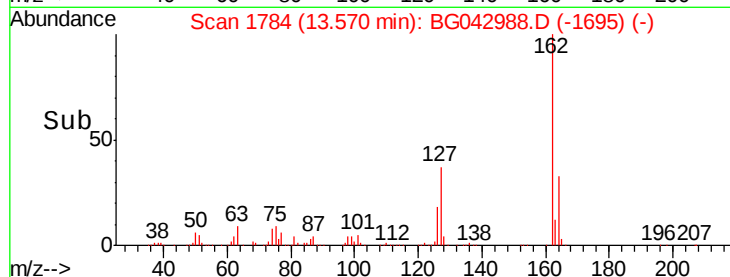
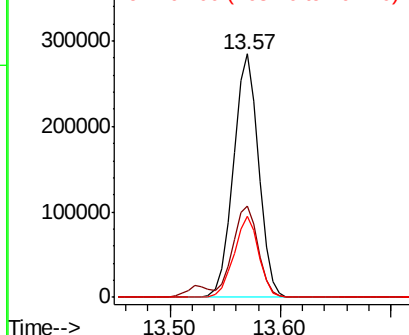
#47
2-Chloronaphthalene
Concen: 42.135 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.0	46.6
164	33.0	26.2	39.2

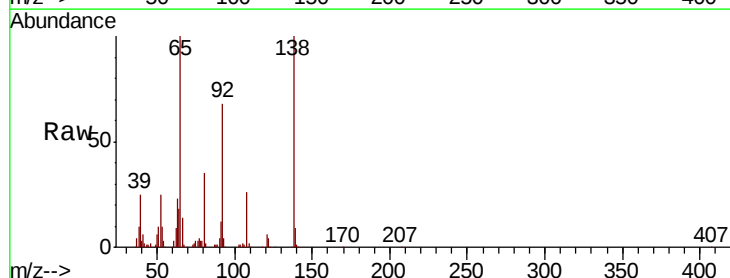


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

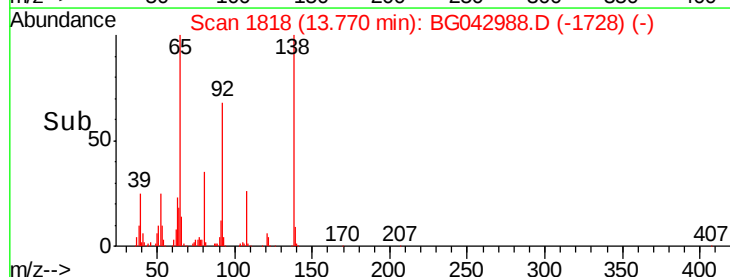
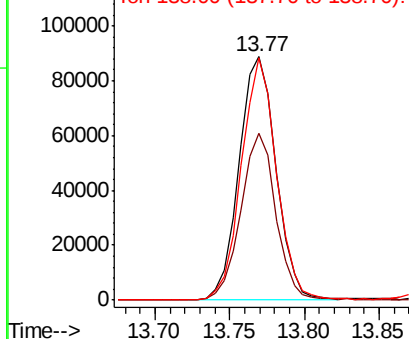


#48
2-Nitroaniline
Concen: 42.369 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	52.0	78.0
138	99.7	70.4	105.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.093 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

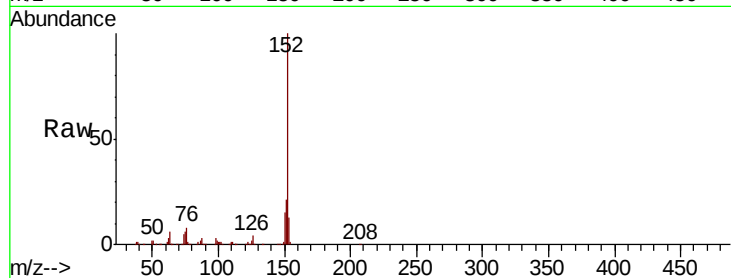
Tot Ion:152 Resp: 731312

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

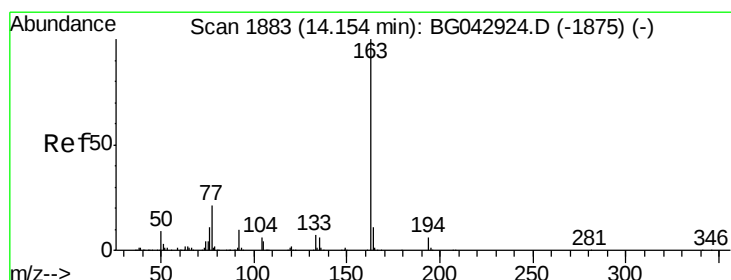
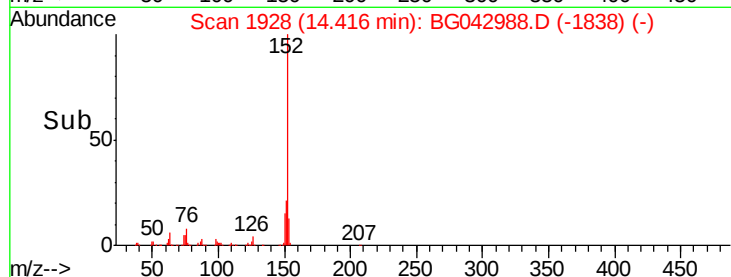
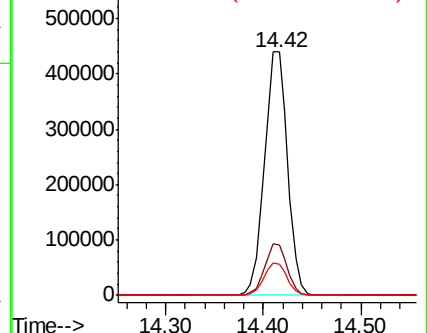
153 12.7 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.718 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

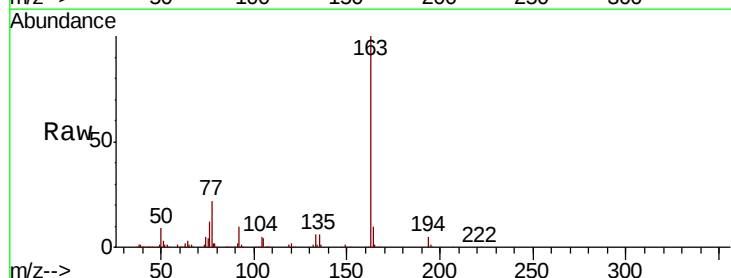
Tgt Ion:163 Resp: 581617

Ion Ratio Lower Upper

163 100

194 4.8 4.4 6.6

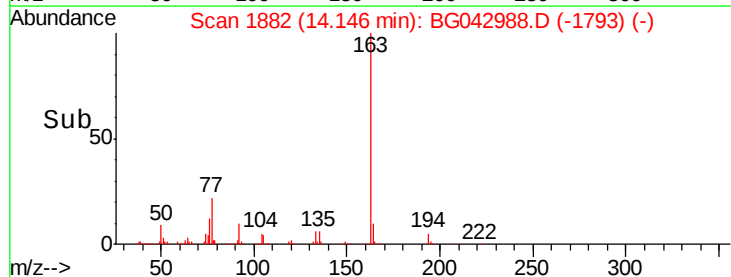
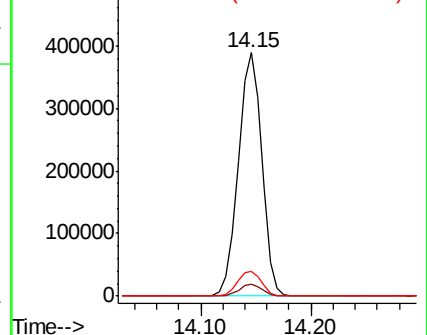
164 10.4 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

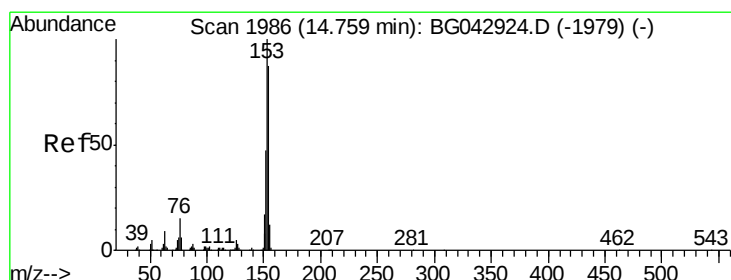
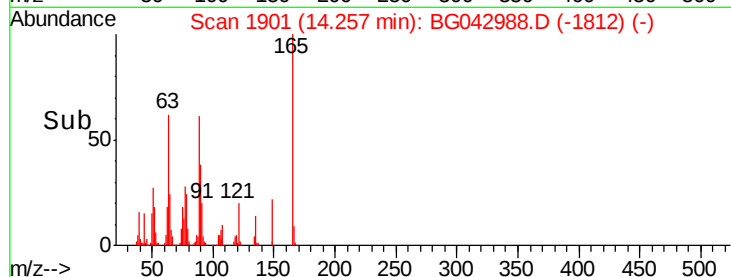
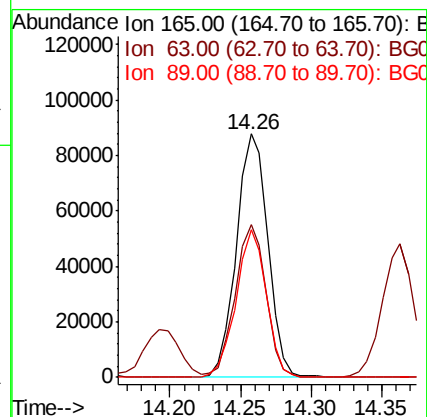
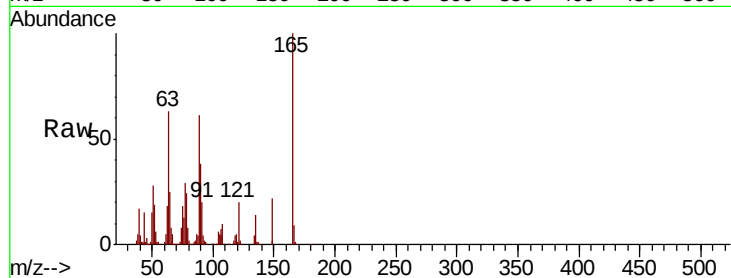




#51
 2,6-Dinitrotoluene
 Concen: 44.711 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

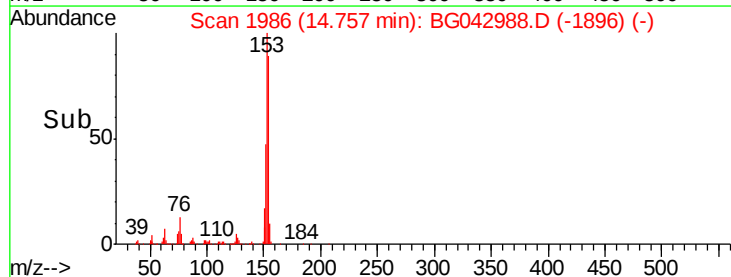
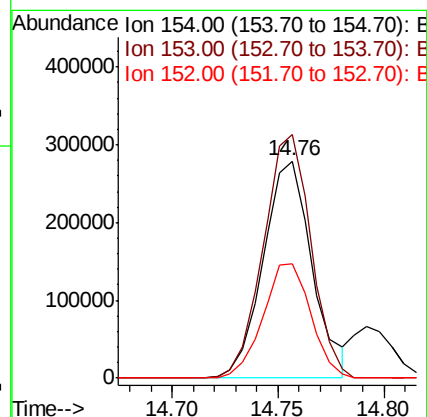
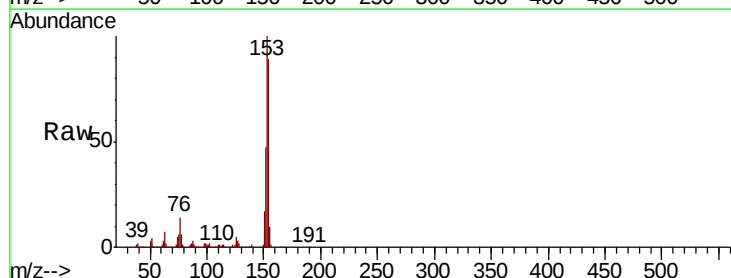
Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Tot Ion:165 Resp: 136006
 Ion Ratio Lower Upper
 165 100
 63 62.6 50.3 75.5
 89 60.5 48.9 73.3



#52
 Acenaphthene
 Concen: 40.524 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion:154 Resp: 449878
 Ion Ratio Lower Upper
 154 100
 153 112.2 91.4 137.0
 152 52.9 42.8 64.2





#53

3-Nitroaniline

Concen: 32.466 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

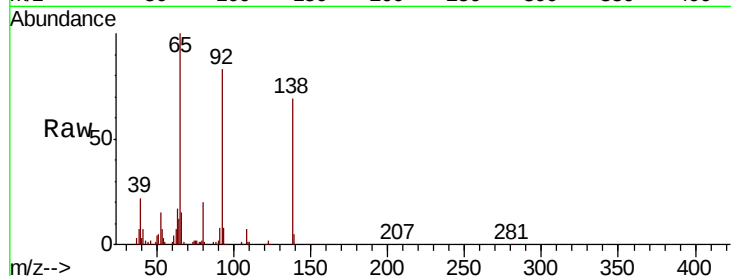
Tot Ion:138 Resp: 102062

Ion Ratio Lower Upper

138 100

108 10.7 7.9 11.9

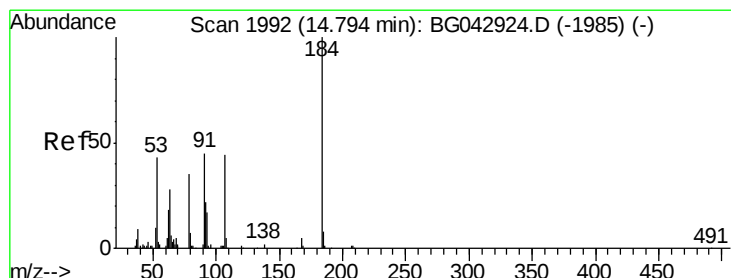
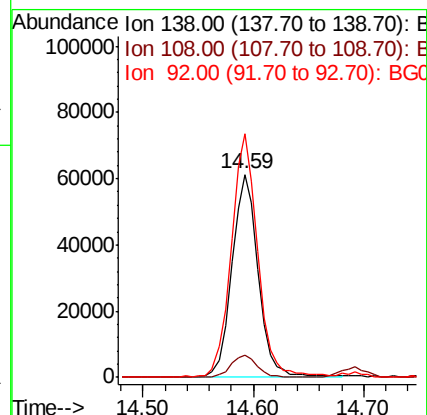
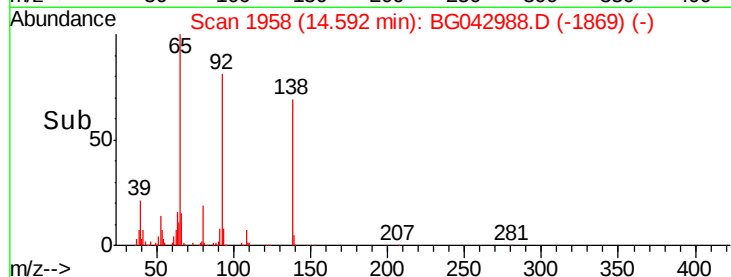
92 120.1 97.0 145.6



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



#54

2,4-Dinitrophenol

Concen: 86.170 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

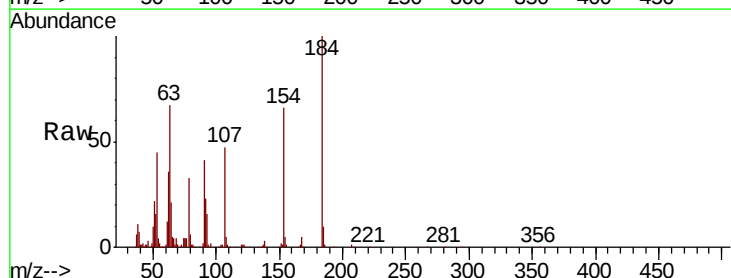
Tgt Ion:184 Resp: 162928

Ion Ratio Lower Upper

184 100

63 67.1 55.0 82.6

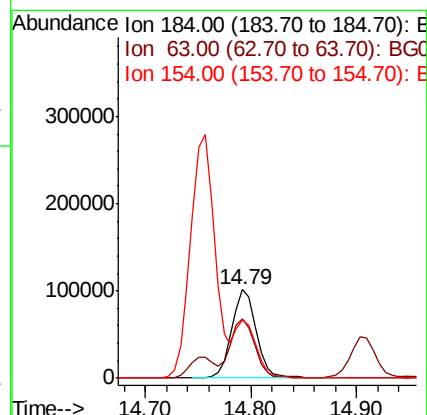
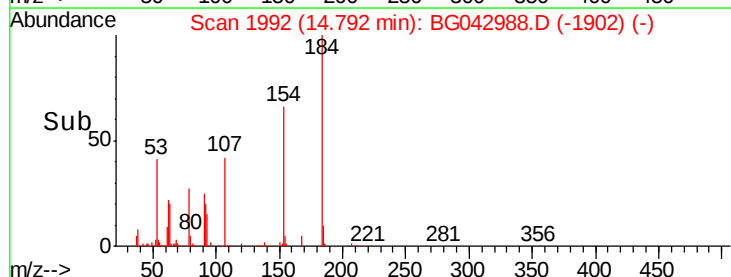
154 66.1 56.5 84.7

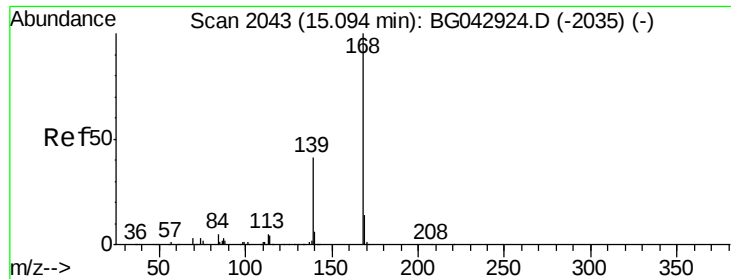


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

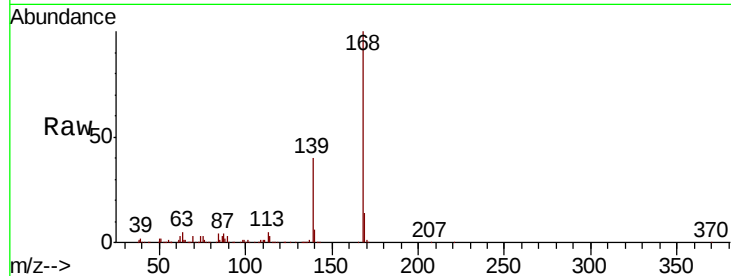




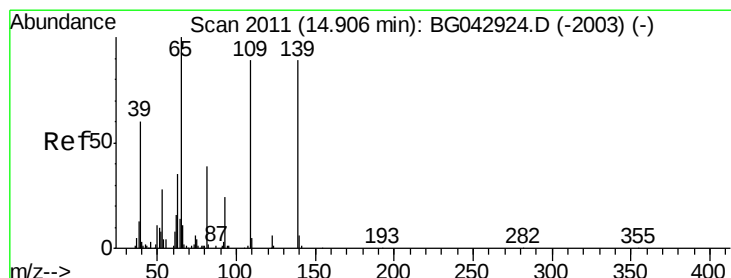
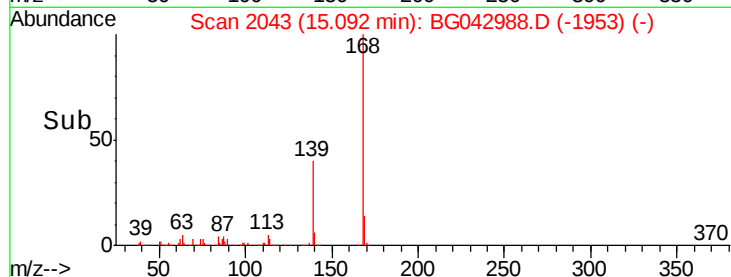
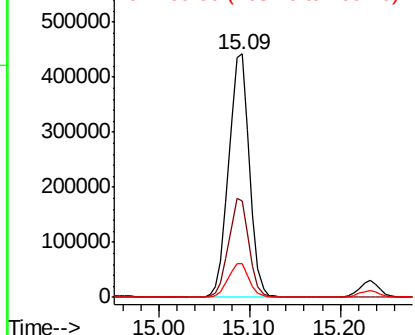
#55
Dibenzenofuran
Concen: 42.952 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion:168 Resp: 705378
Ion Ratio Lower Upper
168 100
139 39.8 32.6 48.8
169 13.7 11.2 16.8

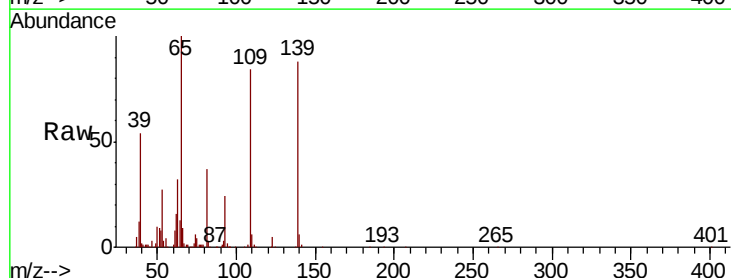


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

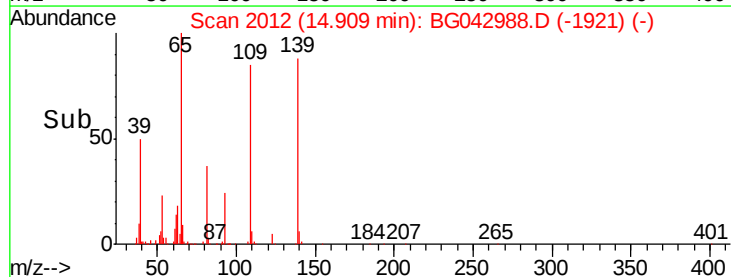
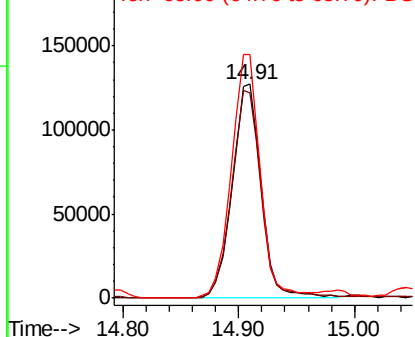


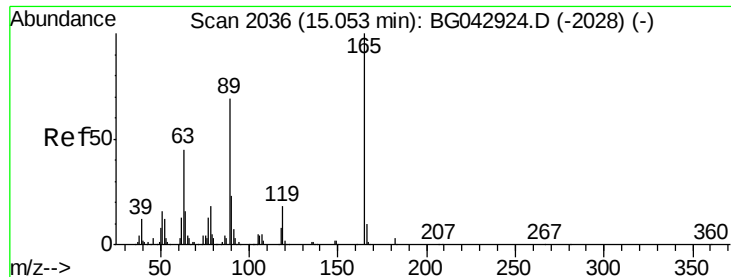
#56
4-Nitrophenol
Concen: 91.957 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion:139 Resp: 220259
Ion Ratio Lower Upper
139 100
109 95.9 79.4 119.4
65 113.9 92.5 132.5



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





#57

2,4-Dinitrotoluene

Concen: 43.416 ng

RT: 15.04 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

Tot Ion:165 Resp: 193399

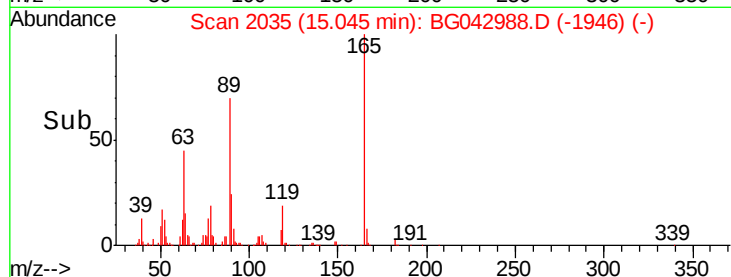
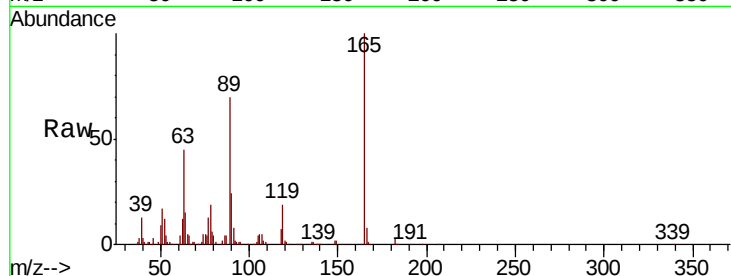
Ion Ratio Lower Upper

165 100

63 45.2 36.5 54.7

89 70.3 55.5 83.3

182 3.1 2.4 3.6

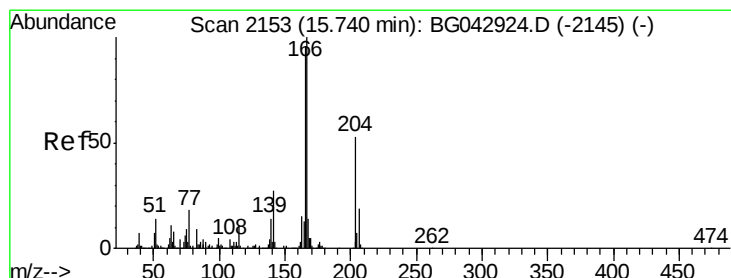
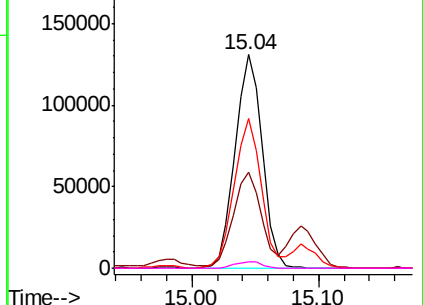


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.375 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

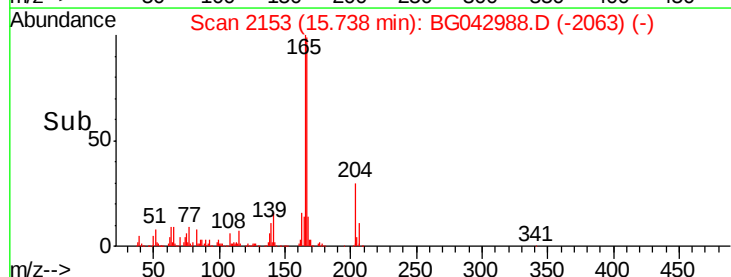
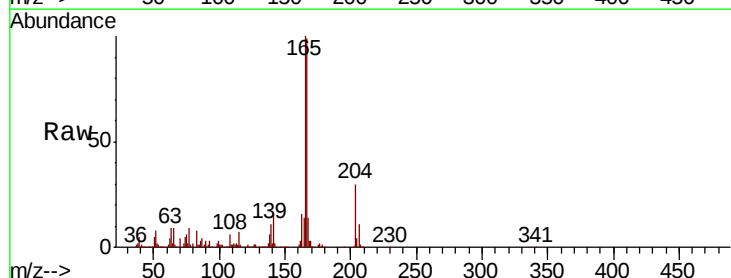
Tgt Ion:166 Resp: 594125

Ion Ratio Lower Upper

166 100

165 101.2 77.1 115.7

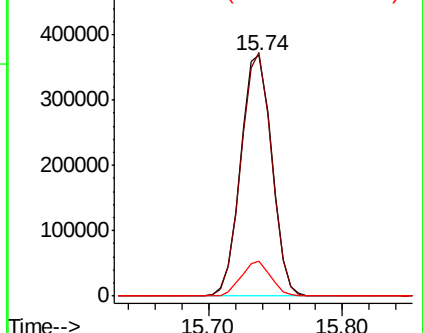
167 14.3 11.0 16.6

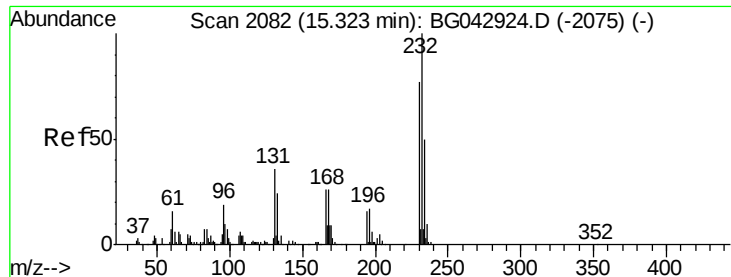


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

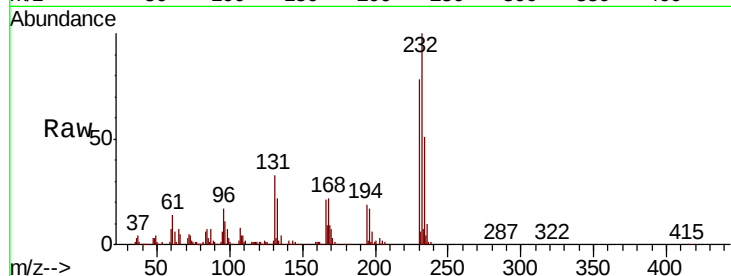




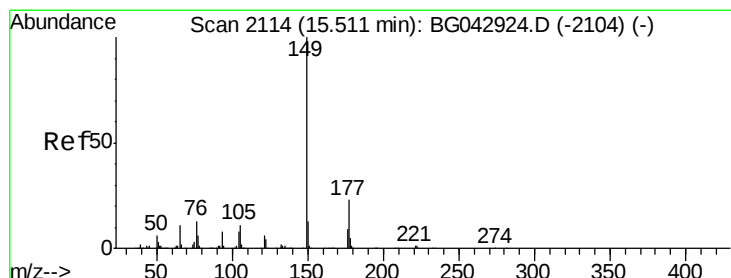
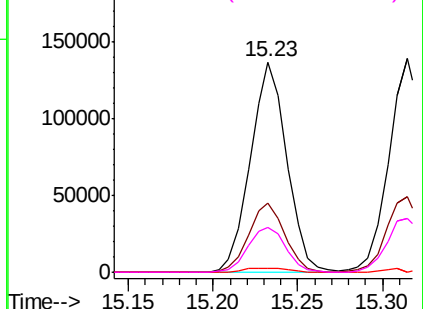
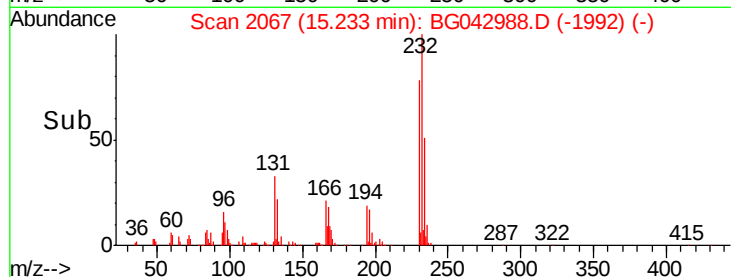
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.364 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.09 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

Tot Ion:	232	Resp:	204151
Ion	Ratio	Lower	Upper
232	100		
131	32.9	29.6	44.4
130	2.4	1.9	2.9
166	22.3	21.8	32.8

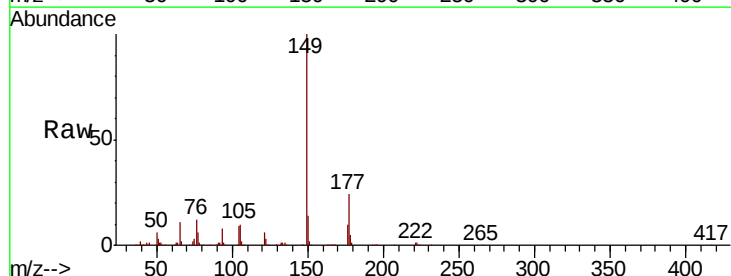


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

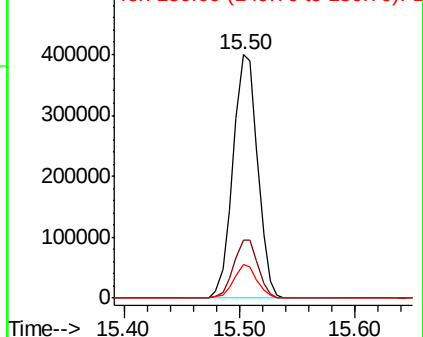
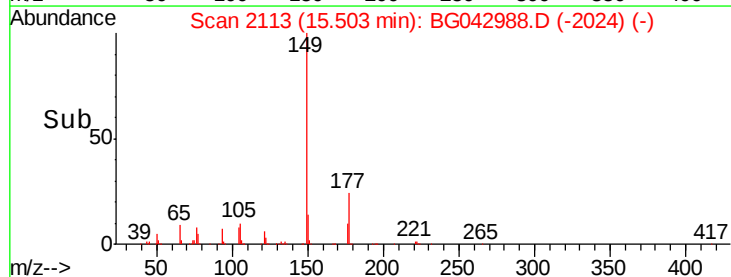


#60
 Diethylphthalate
 Concen: 40.694 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion:	149	Resp:	591561
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.8	28.2
150	13.7	10.6	15.8



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

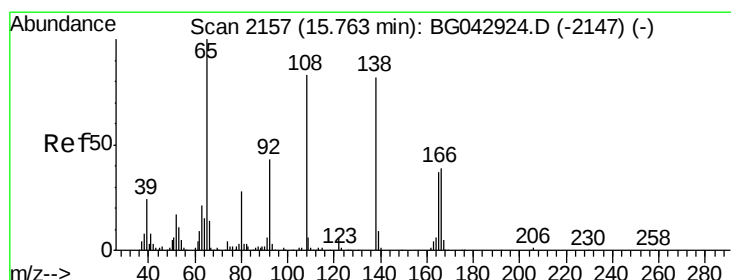
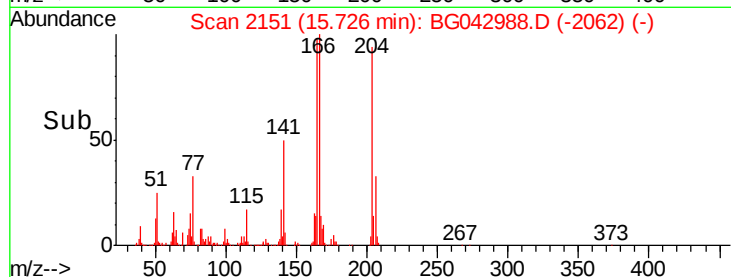
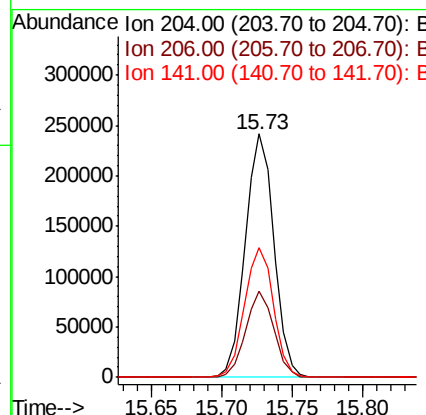
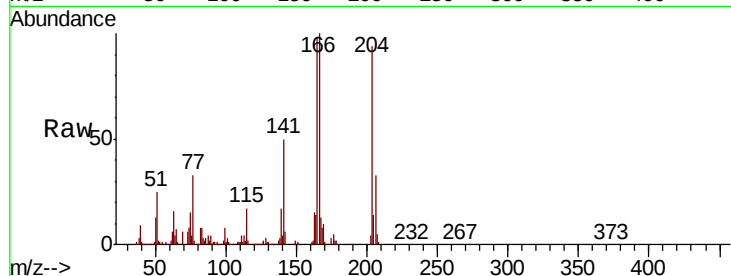




#61
4-Chlorophenyl-phenylether
Concen: 40.780 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

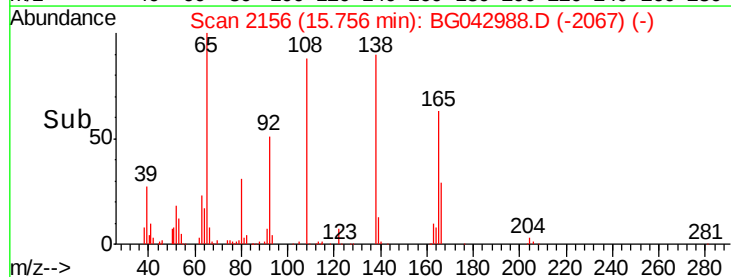
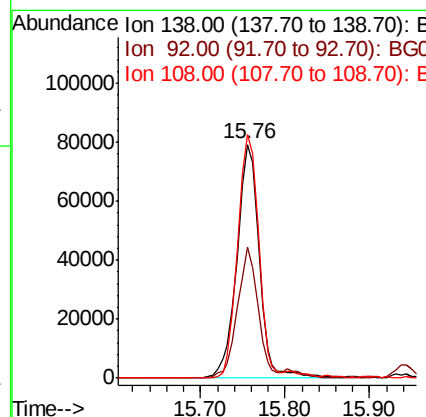
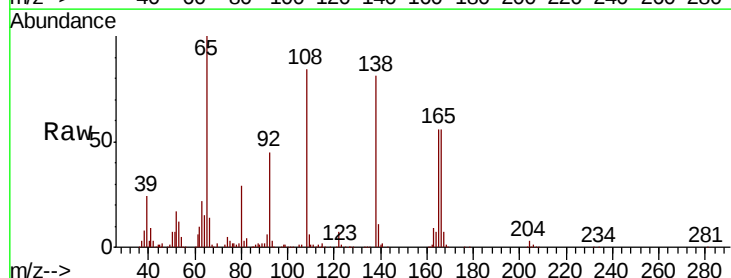
Instrument :
BNA_G
ClientSampleId :
PB123559BSD

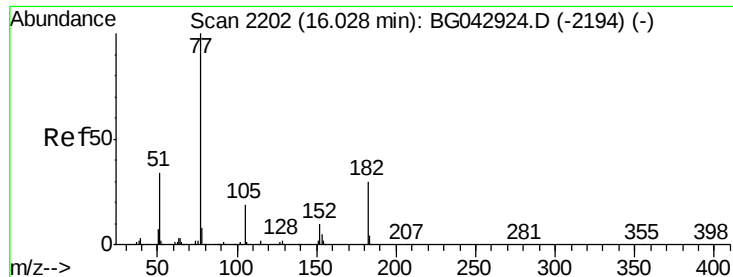
Tot Ion:204 Resp: 342911
Ion Ratio Lower Upper
204 100
206 35.4 28.5 42.7
141 53.3 42.4 63.6



#62
4-Nitroaniline
Concen: 42.052 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion:138 Resp: 144176
Ion Ratio Lower Upper
138 100
92 55.8 32.9 72.9
108 104.1 81.3 121.3





#63

Azobenzene

Concen: 41.142 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

Tot Ion: 77 Resp: 544513

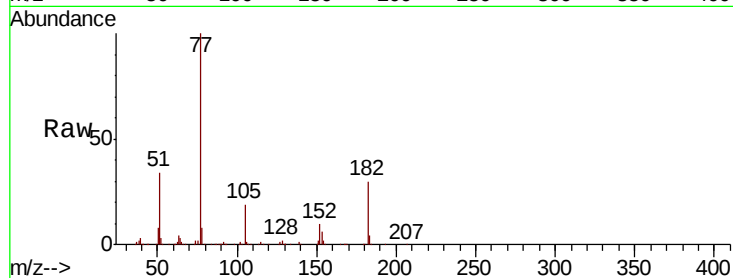
Ion Ratio Lower Upper

77 100

182 30.1 10.2 50.2

105 18.9 0.0 39.1

51 34.3 13.9 53.9

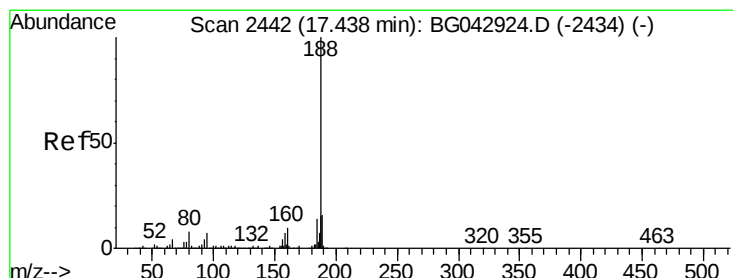
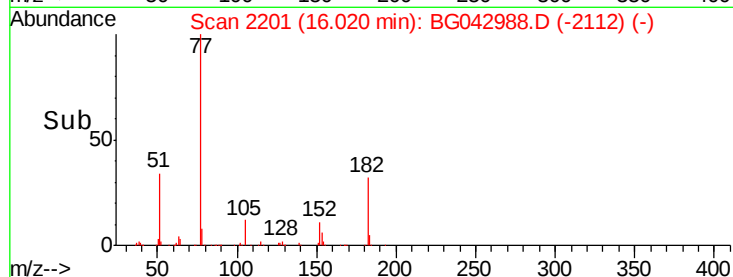
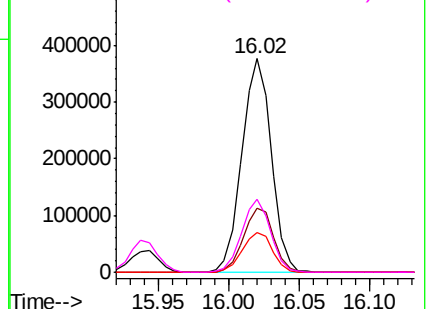


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

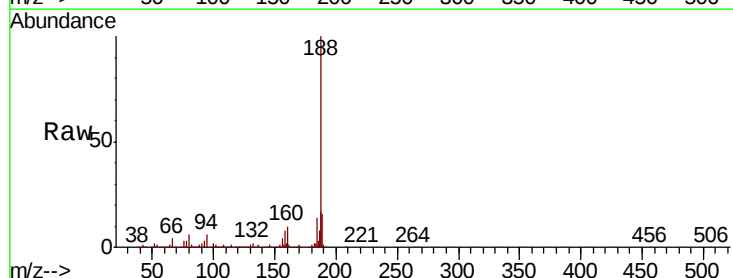
Tgt Ion: 188 Resp: 455136

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

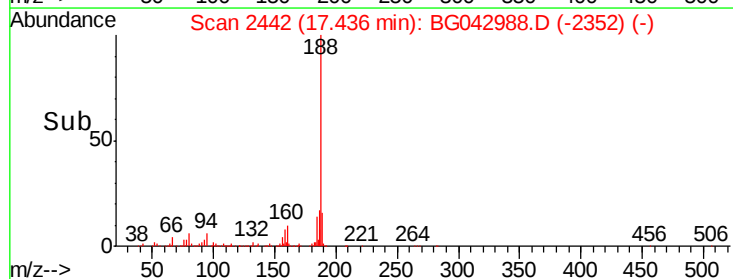
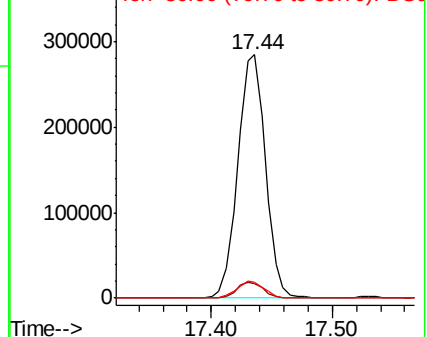
80 6.3 6.5 9.7#

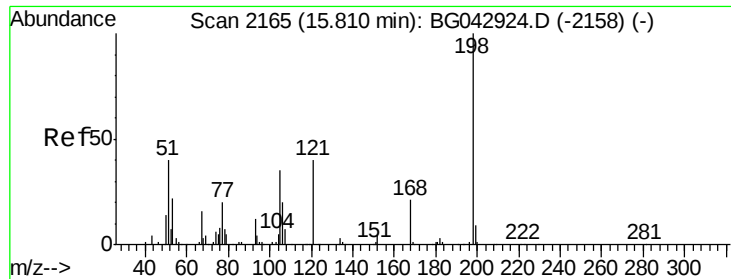


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

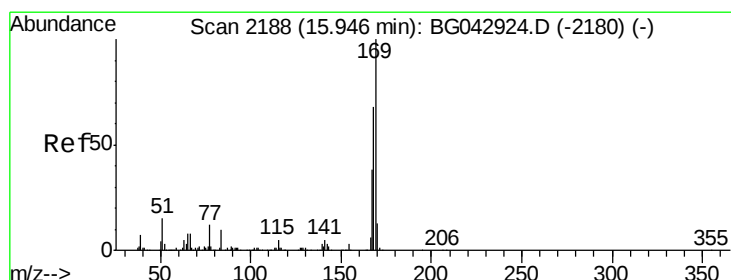
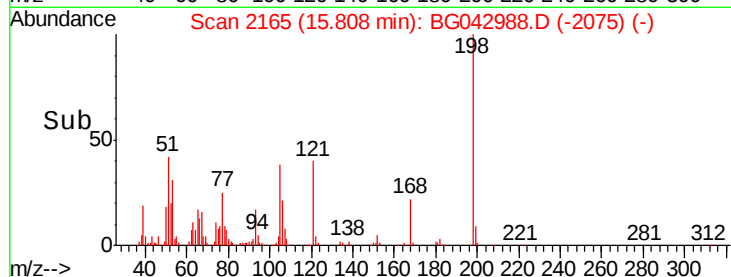
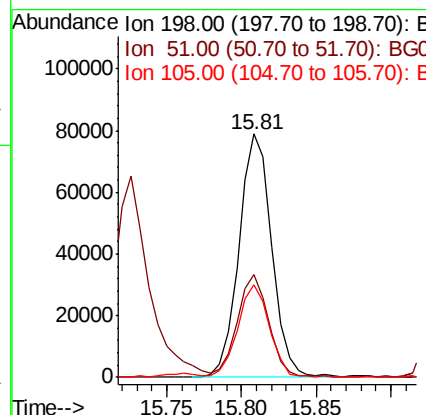
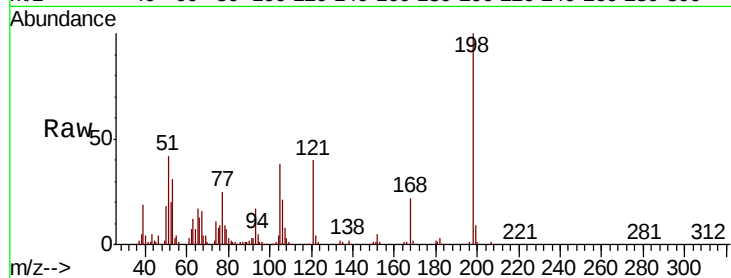




#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.711 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

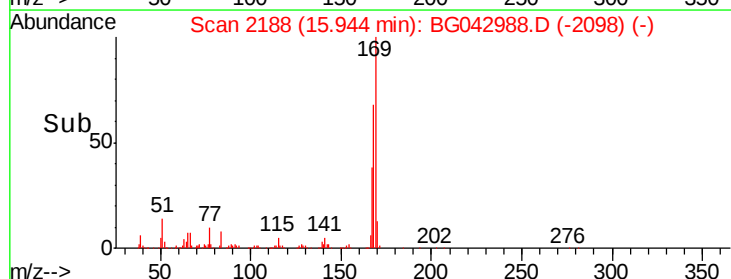
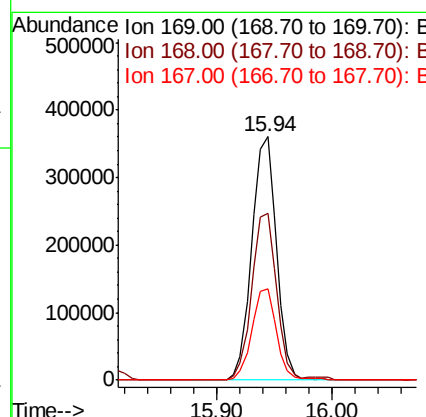
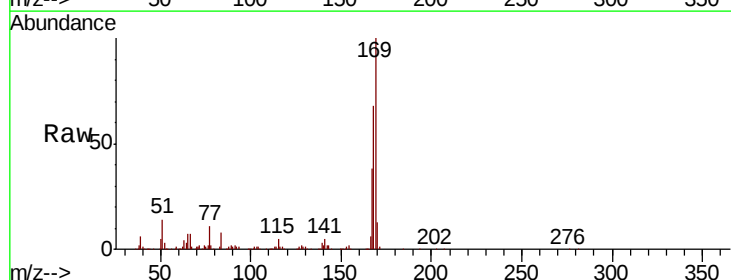
Instrument :
 BNA_G
 ClientSampleId :
 PB123559BSD

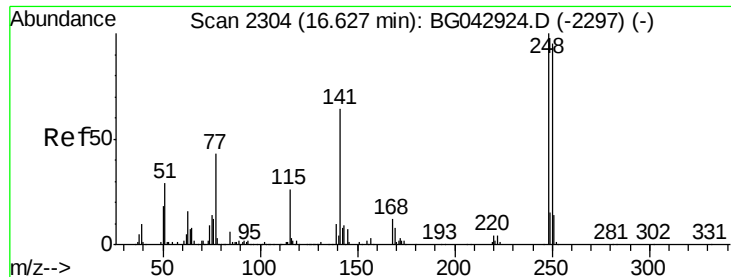
Tot Ion:198 Resp: 120303
 Ion Ratio Lower Upper
 198 100
 51 42.2 25.3 65.3
 105 38.3 16.6 56.6



#66
 n-Nitrosodiphenylamine
 Concen: 44.608 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG042988.D
 Acq: 2 Oct 2019 17:10

Tgt Ion:169 Resp: 535961
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.8 82.2
 167 37.7 30.6 46.0

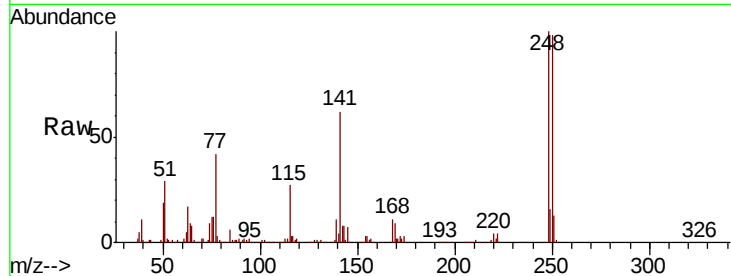




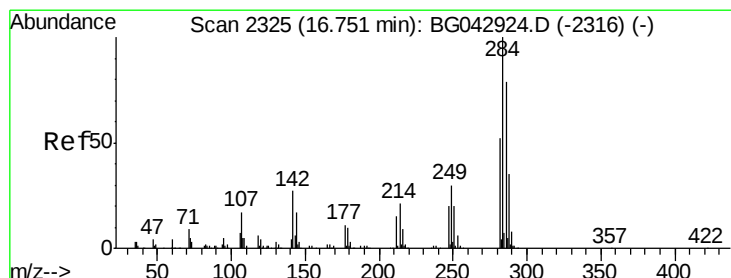
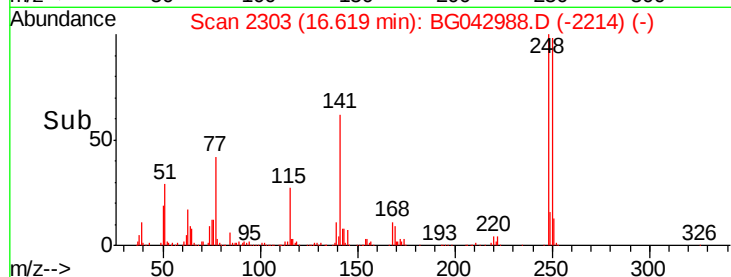
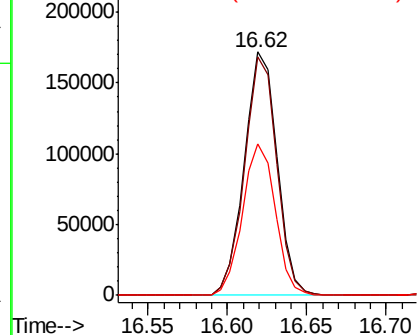
#67
4-Bromophenyl-phenylether
Concen: 43.253 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion:248 Resp: 247080
Ion Ratio Lower Upper
248 100
250 98.0 75.8 113.8
141 62.1 51.1 76.7

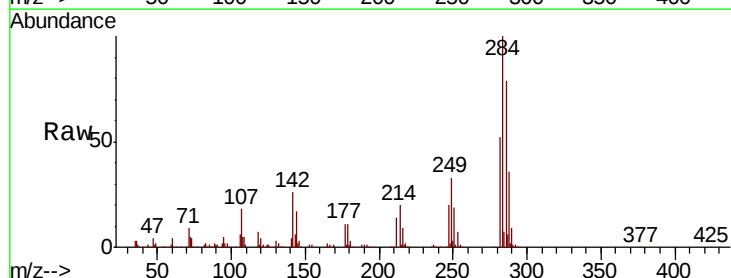


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

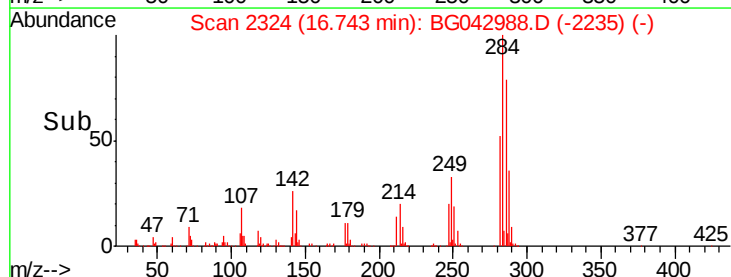
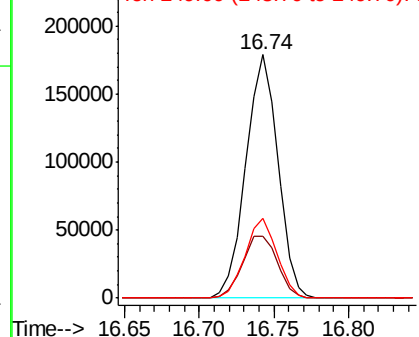


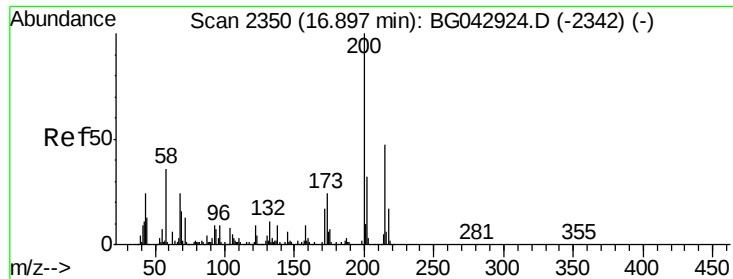
#68
Hexachlorobenzene
Concen: 41.820 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion:284 Resp: 265990
Ion Ratio Lower Upper
284 100
142 25.6 21.6 32.4
249 32.9 24.1 36.1



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

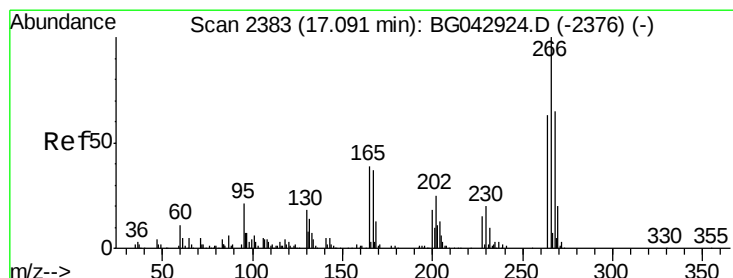
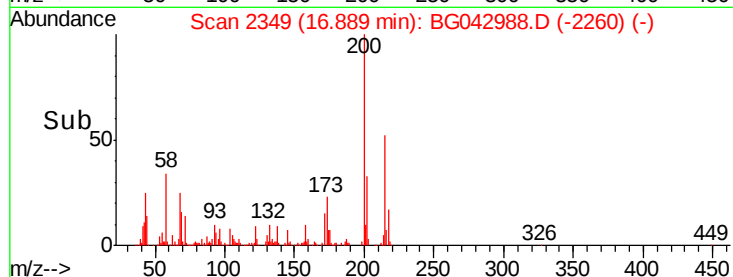
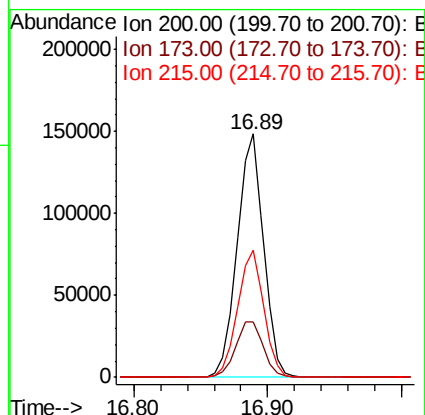
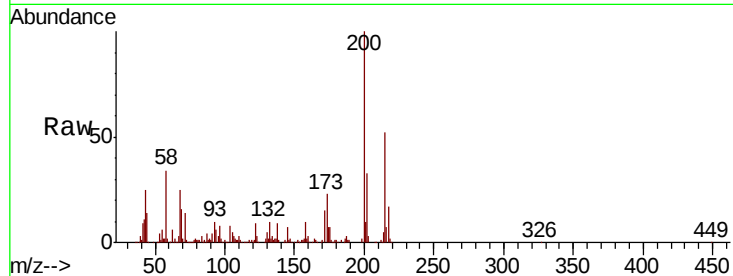




#69
Atrazine
Concen: 40.303 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

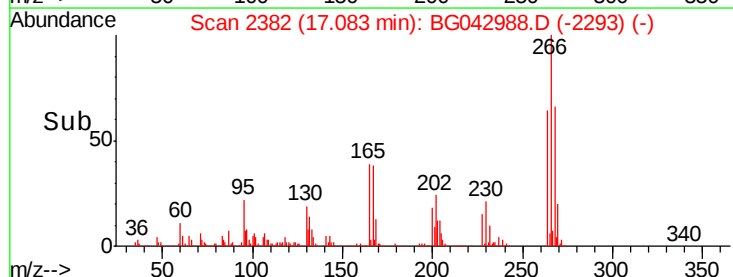
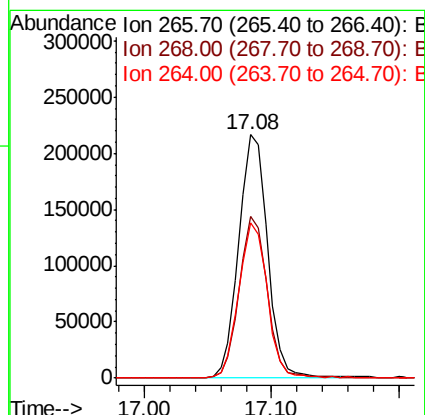
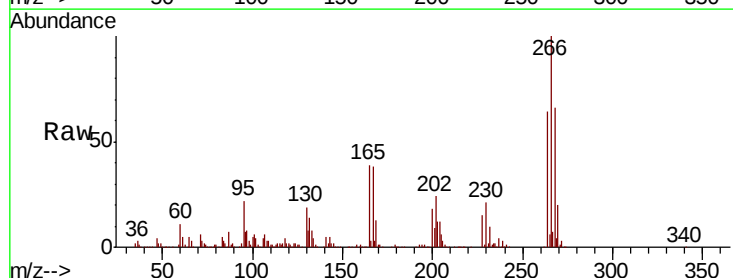
Instrument :
BNA_G
ClientSampleId :
PB123559BSD

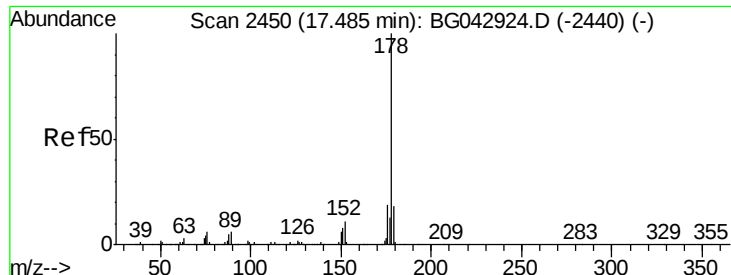
Tot Ion:200 Resp: 203910
Ion Ratio Lower Upper
200 100
173 23.0 4.0 44.0
215 52.3 27.4 67.4



#70
Pentachlorophenol
Concen: 93.165 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion:266 Resp: 341924
Ion Ratio Lower Upper
266 100
268 66.3 52.2 78.2
264 63.8 50.7 76.1

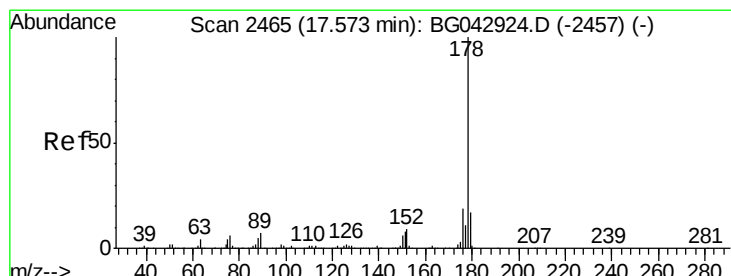
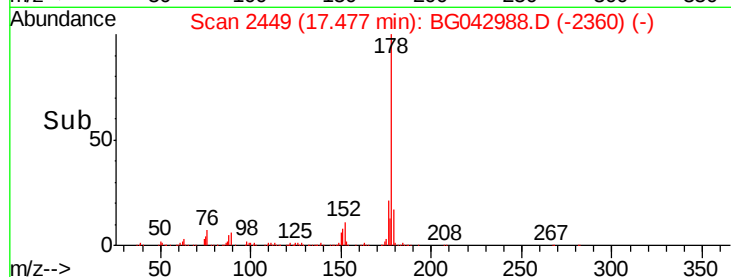
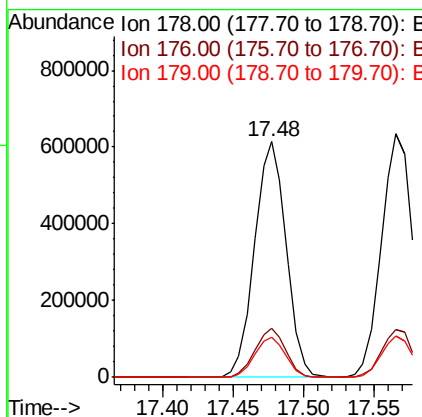
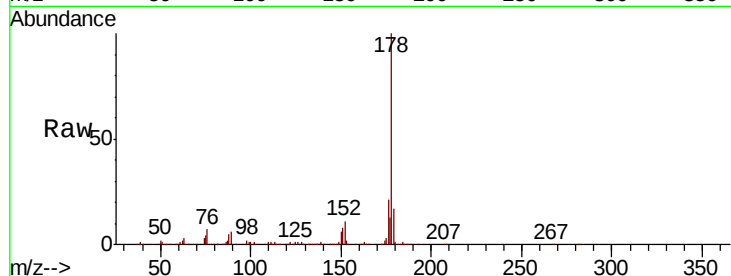




#71
Phenanthrene
Concen: 43.470 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

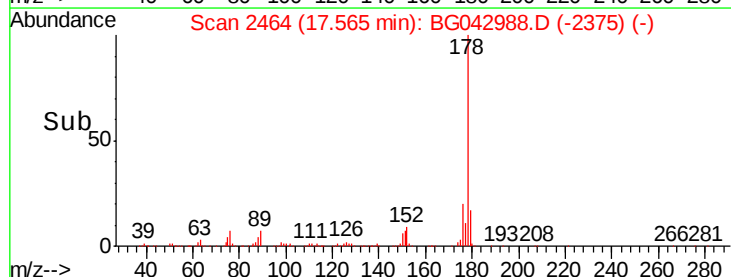
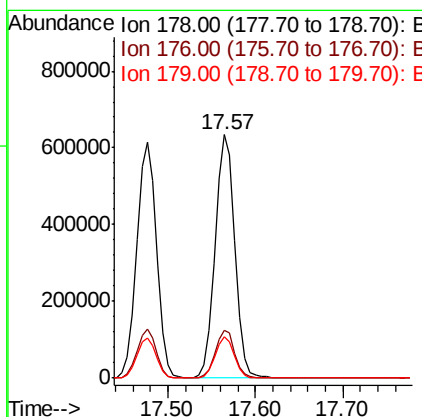
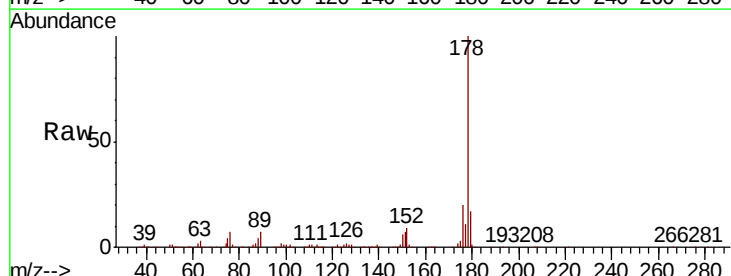
Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion	178	Resp	965888
Ion Ratio	100	Lower	Upper
176	20.8	15.1	22.7
179	16.9	14.1	21.1



#72
Anthracene
Concen: 44.577 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion	178	Resp	988834
Ion Ratio	100	Lower	Upper
176	19.8	15.5	23.3
179	17.0	13.5	20.3





#73

Carbazole

Concen: 43.959 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

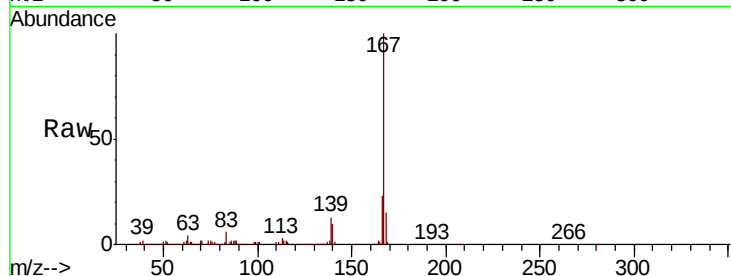
BNA_G

ClientSampleId :

PB123559BSD

Tot Ion:167 Resp: 904243

Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.6	28.0
139	13.4	10.8	16.2

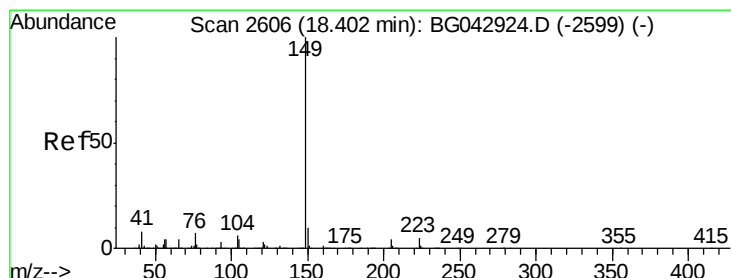
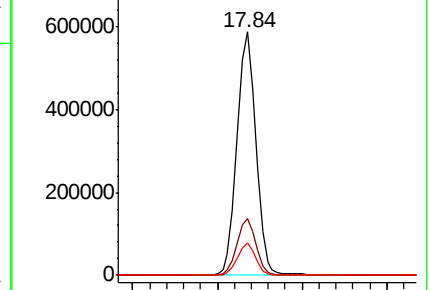
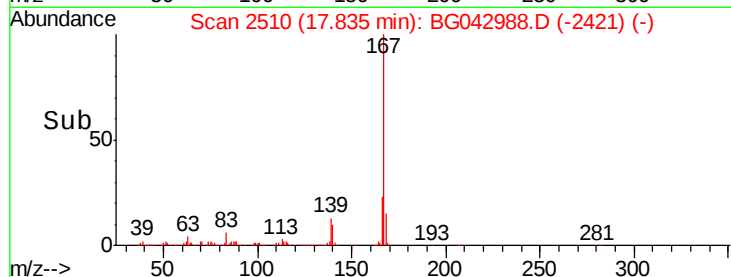


Abundance

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



#74

Di-n-butylphthalate

Concen: 42.125 ng

RT: 18.39 min Scan# 2605

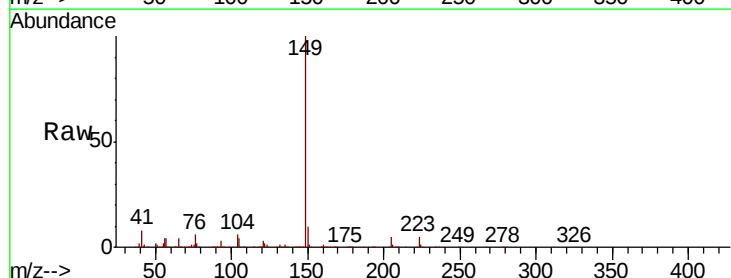
Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:149 Resp: 1033851

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	6.4	5.0	7.6

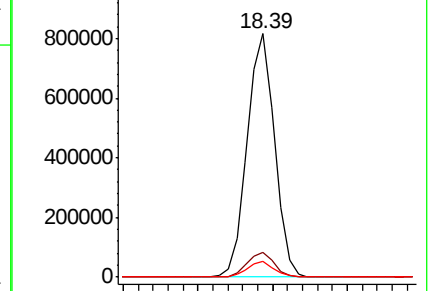
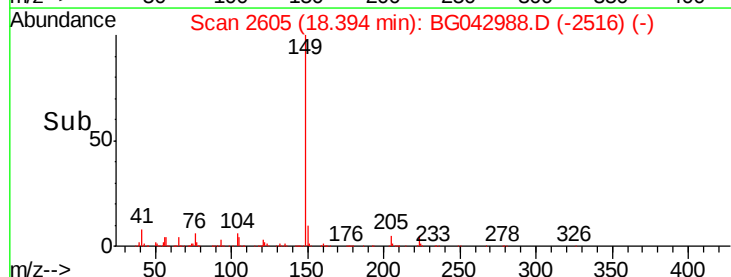


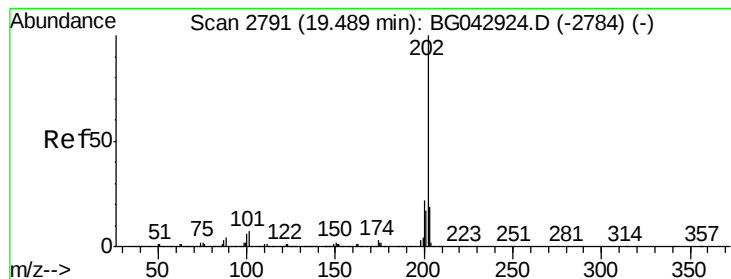
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.134 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

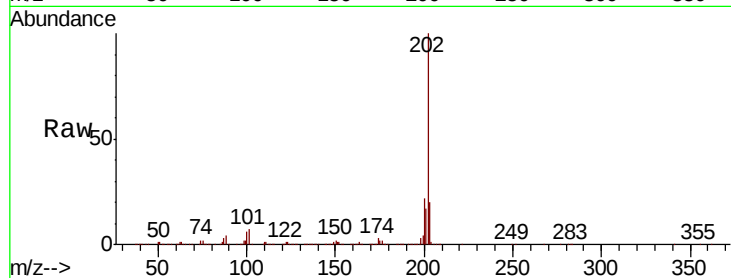
BNA_G

ClientSampleId :

PB123559BSD

Tot Ion:202 Resp: 1267711

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	27.3
203	19.7	0.0	39.5

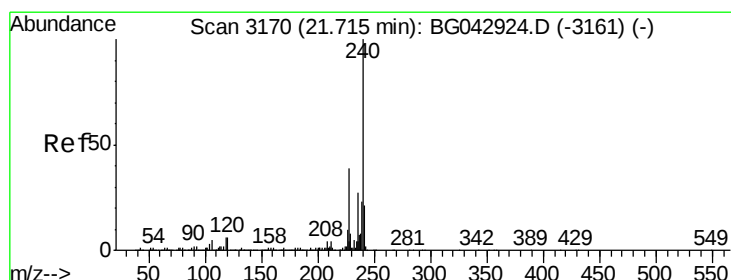
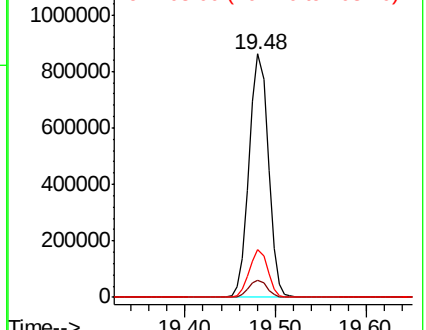
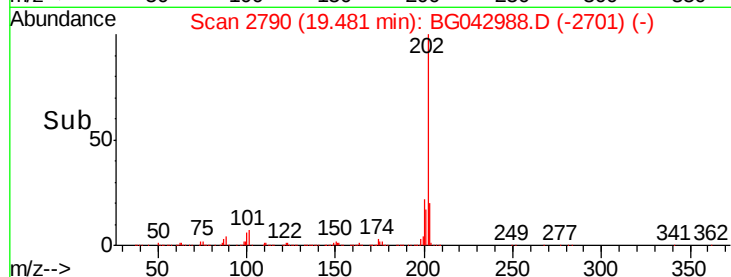


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

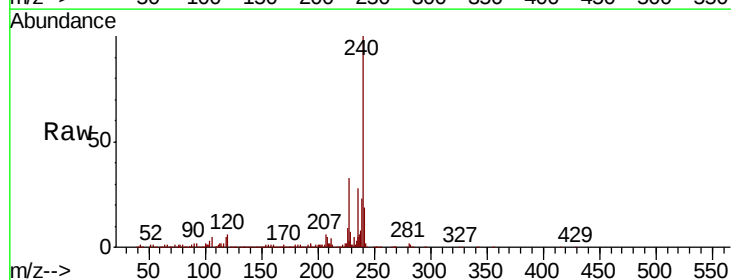
Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:240 Resp: 508110

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.8	7.2
236	27.6	21.4	32.0

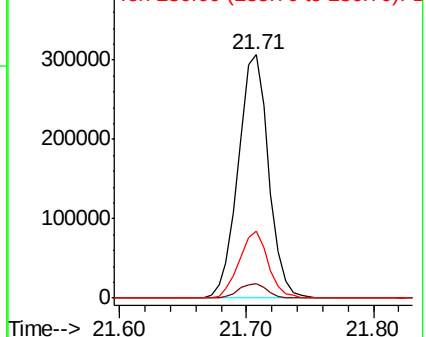
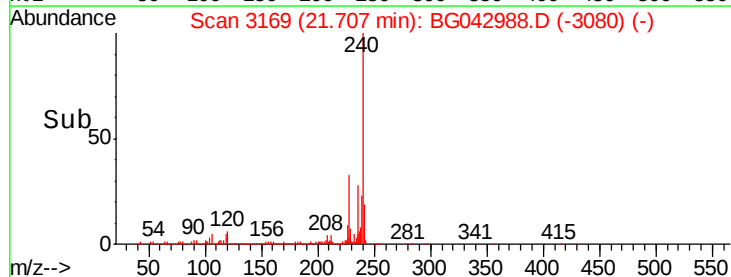


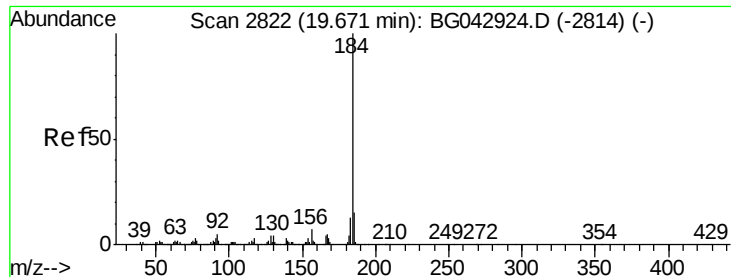
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.782 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

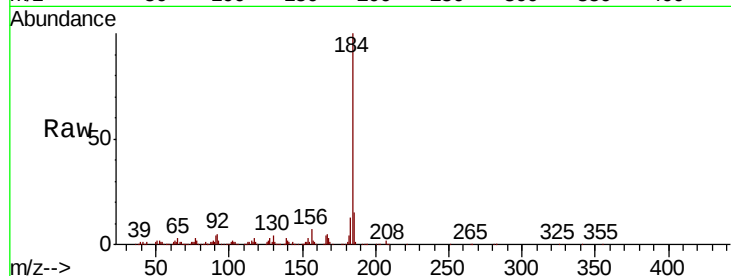
BNA_G

ClientSampleId :

PB123559BSD

Tot Ion:184 Resp: 429796

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	13.4	10.1	15.1

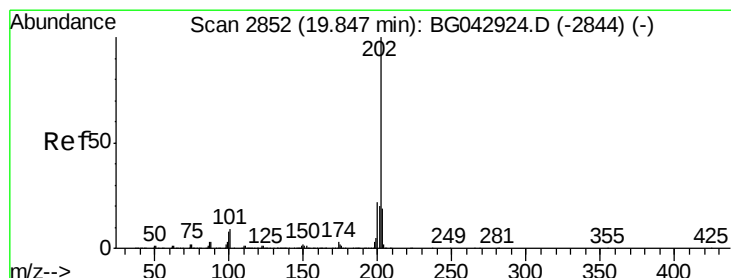
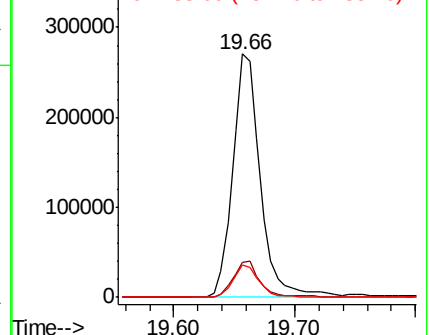
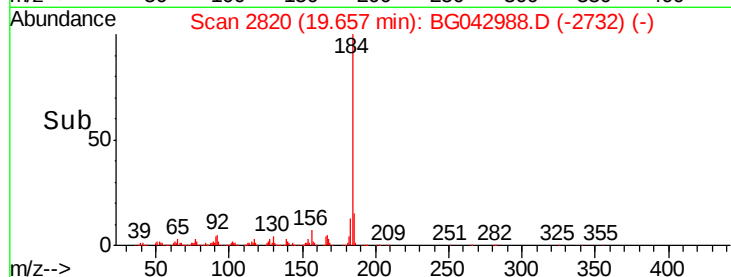


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.437 ng

RT: 19.84 min Scan# 2852

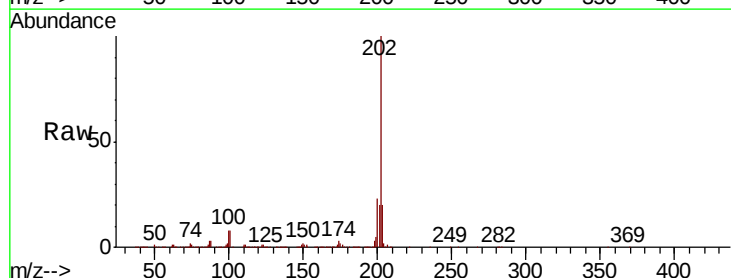
Delta R.T. -0.00 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:202 Resp: 1286985

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.6	26.4
203	19.7	15.2	22.8

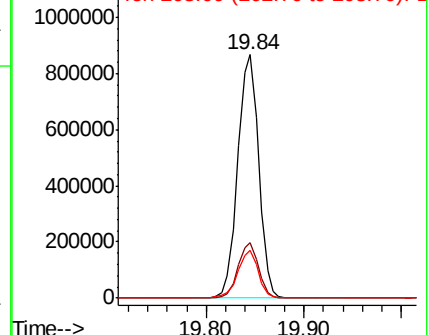
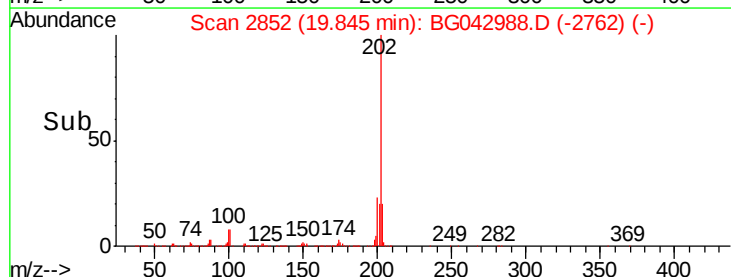


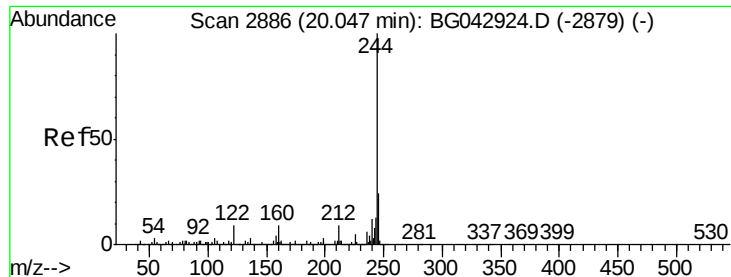
Abundance

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





#79

Terphenyl-d14

Concen: 70.822 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

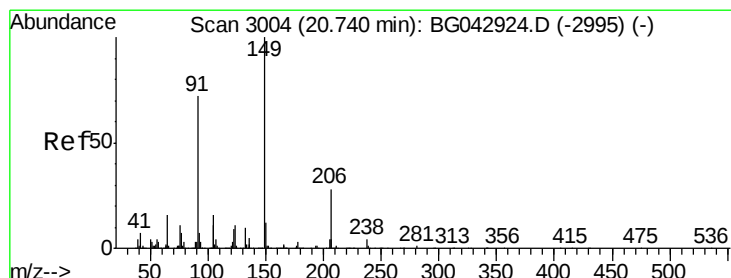
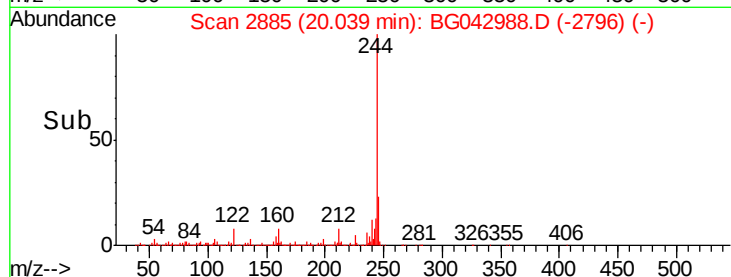
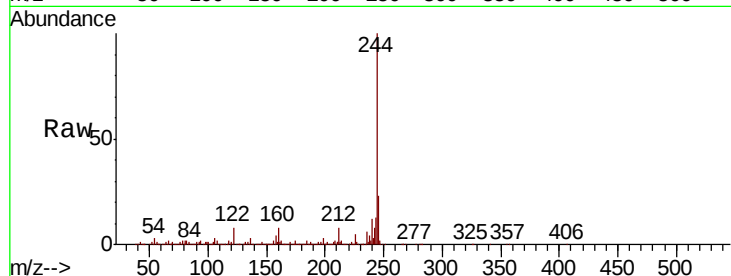
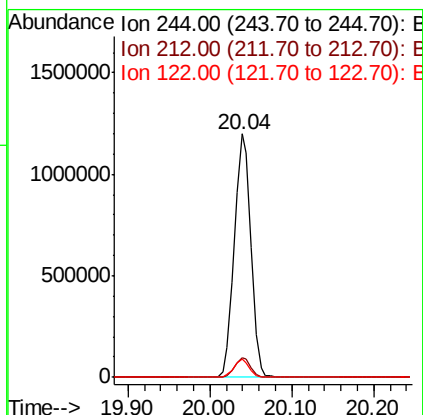
BNA_G

ClientSampleId :

PB123559BSD

Tot Ion:244 Resp: 1688752

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.0
122	7.7	7.0	10.4



#80

Butylbenzylphthalate

Concen: 42.610 ng

RT: 20.73 min Scan# 3002

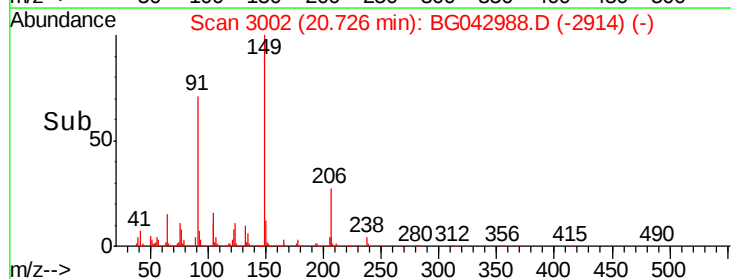
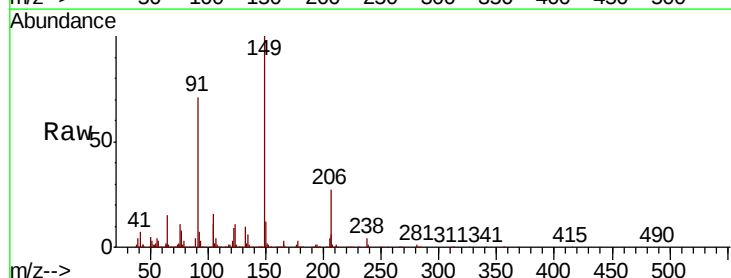
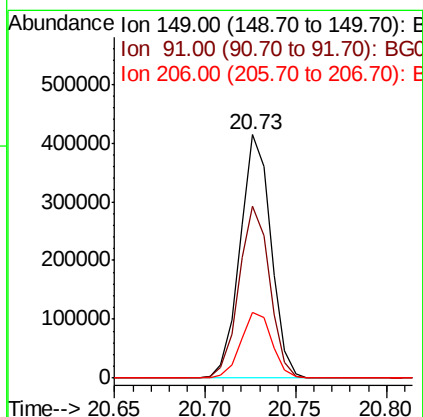
Delta R.T. -0.01 min

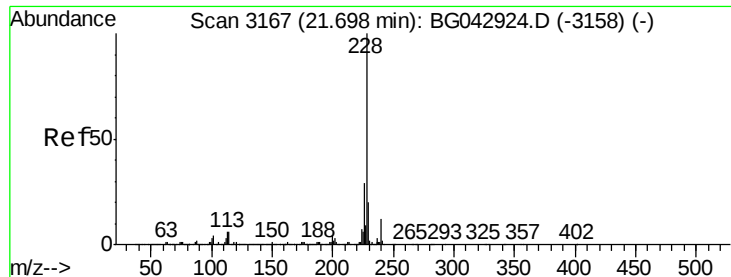
Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:149 Resp: 490498

Ion	Ratio	Lower	Upper
149	100		
91	70.9	57.7	86.5
206	27.0	22.6	33.8





#81

Benzo(a)anthracene

Concen: 42.039 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

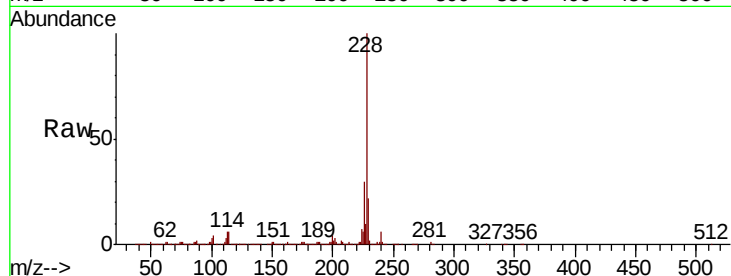
BNA_G

ClientSampleId :

PB123559BSD

Tot Ion:228 Resp: 1330944

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.4
229	21.7	16.3	24.5

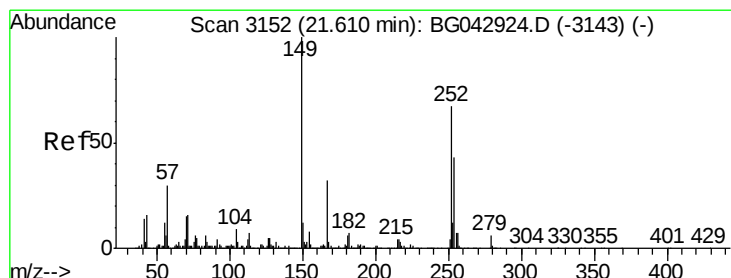
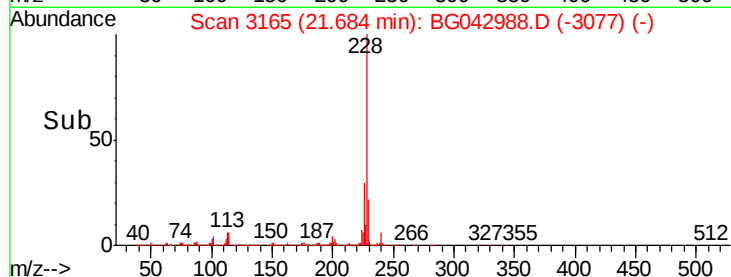
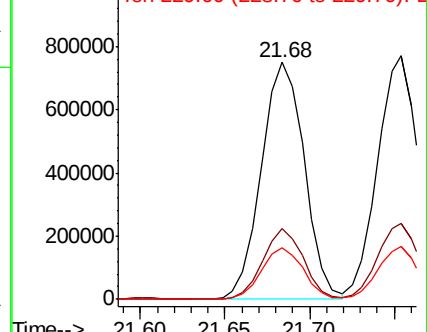


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.748 ng

RT: 21.60 min Scan# 3151

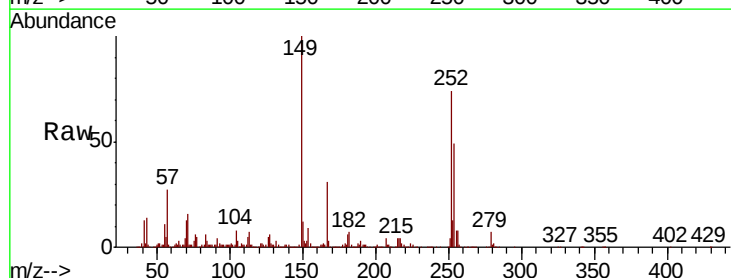
Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Tgt Ion:252 Resp: 456312

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.9	77.9
126	6.9	6.1	9.1

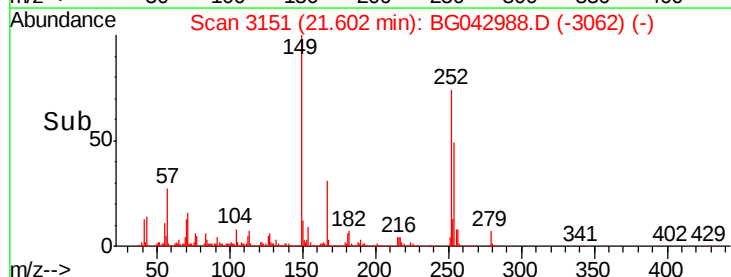
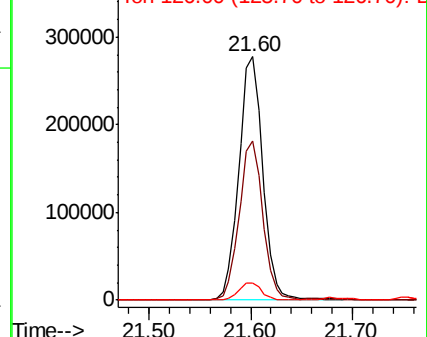


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.414 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

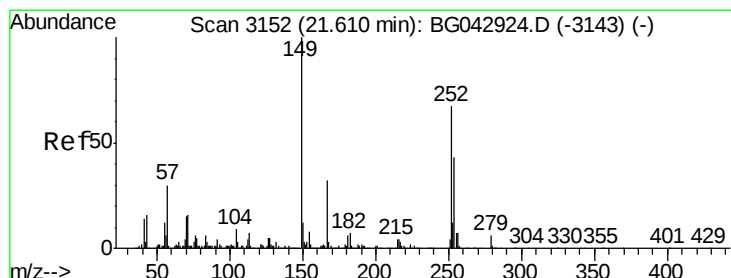
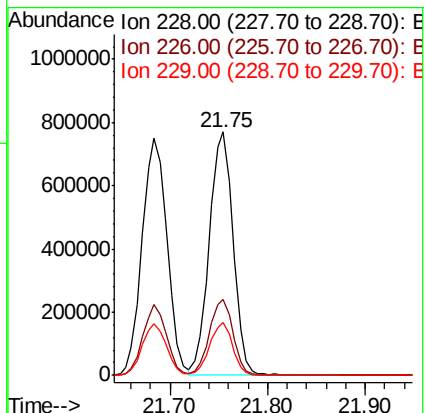
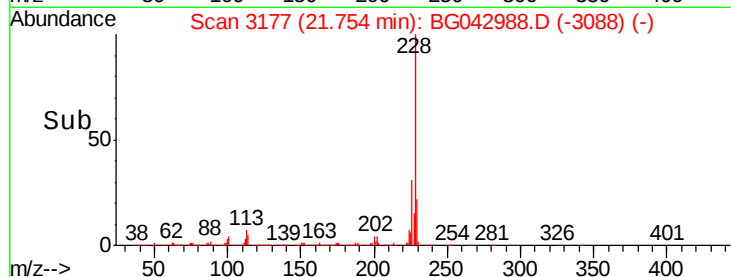
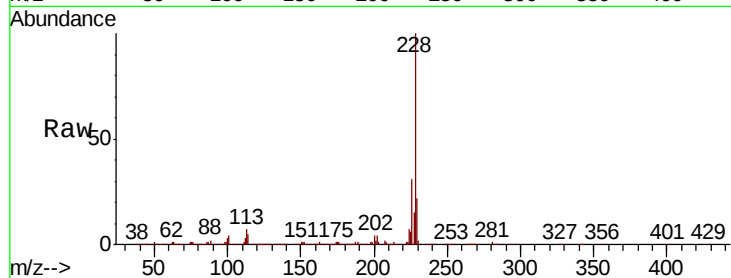
Tot Ion:228 Resp: 1303125

Ion Ratio Lower Upper

228 100

226 31.2 25.6 38.4

229 21.6 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.264 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

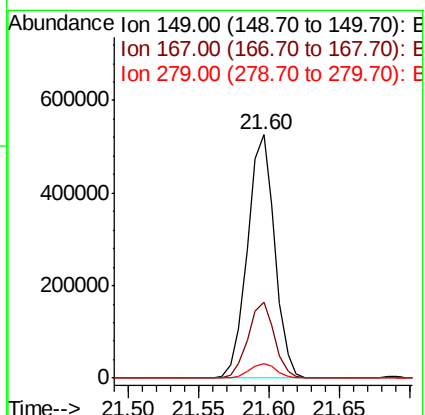
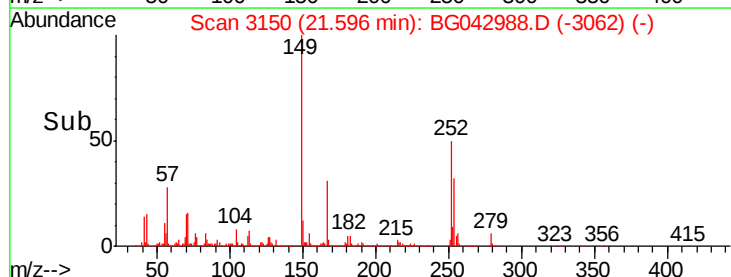
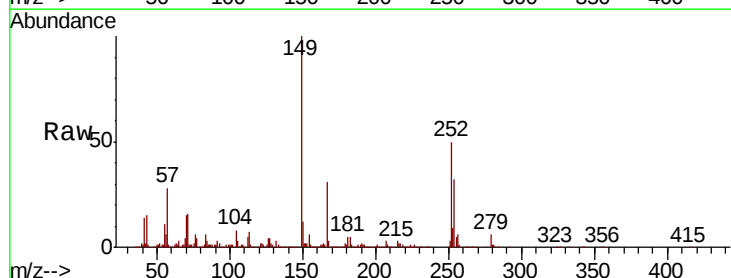
Tgt Ion:149 Resp: 708672

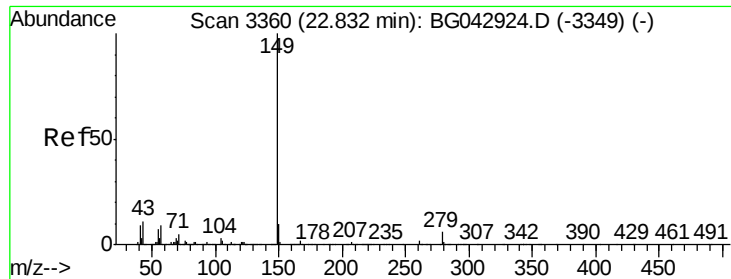
Ion Ratio Lower Upper

149 100

167 31.3 25.4 38.2

279 6.2 5.1 7.7





#85

Di-n-octyl phthalate

Concen: 44.498 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.03 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

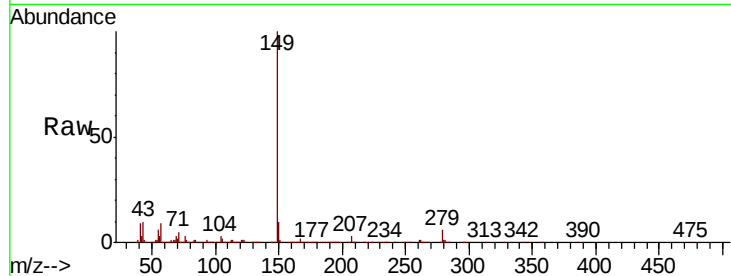
Tot Ion:149 Resp: 1191868

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

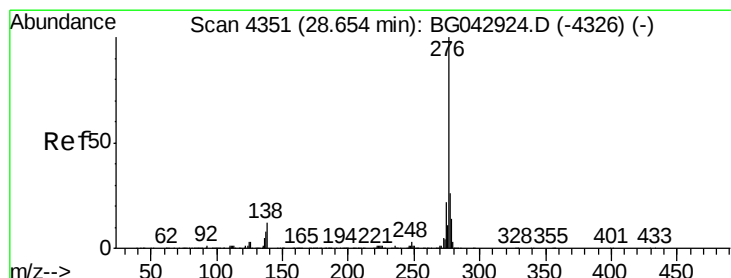
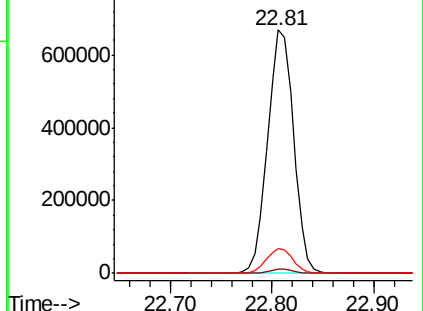
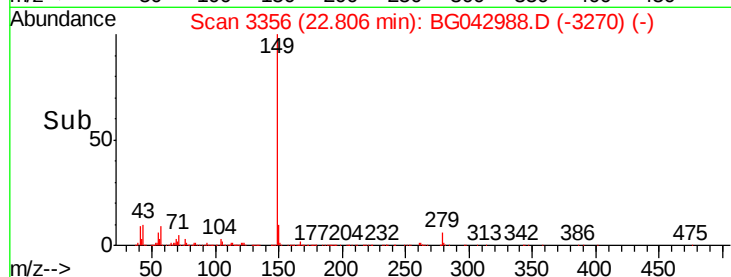
43 10.2 8.7 13.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.112 ng

RT: 28.61 min Scan# 4343

Delta R.T. -0.05 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

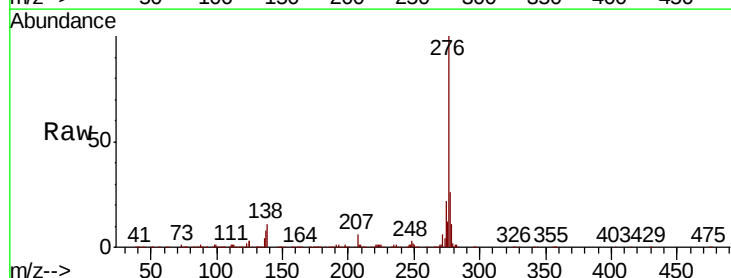
Tgt Ion:276 Resp: 1687195

Ion Ratio Lower Upper

276 100

138 10.9 7.0 10.6#

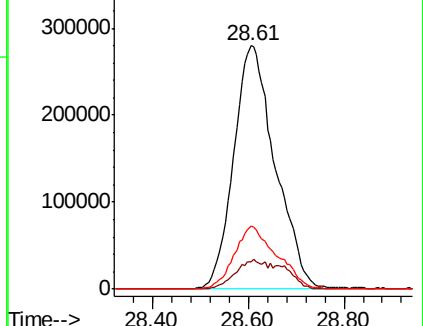
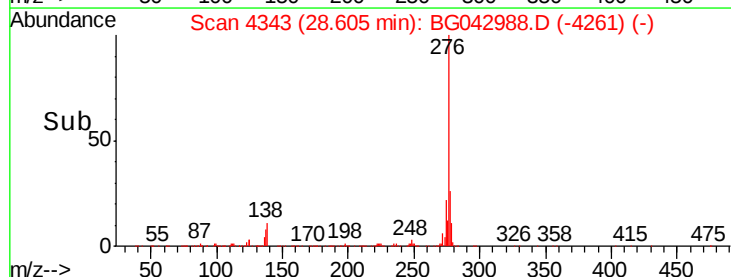
277 26.3 20.9 31.3

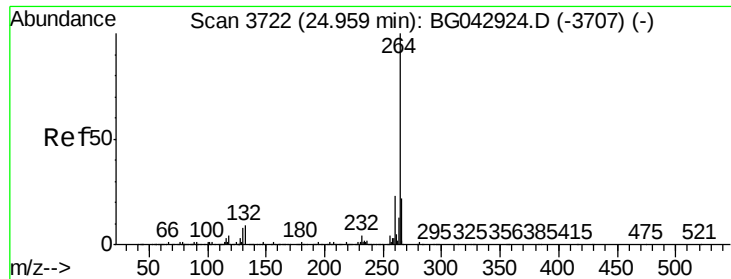


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



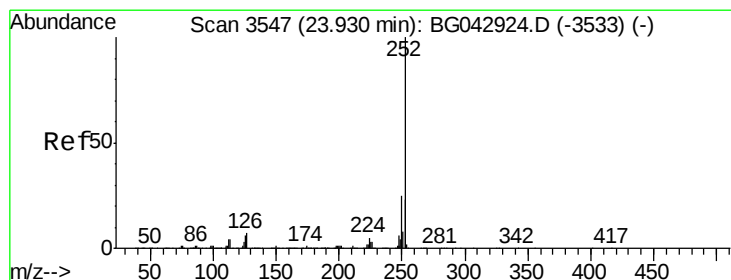
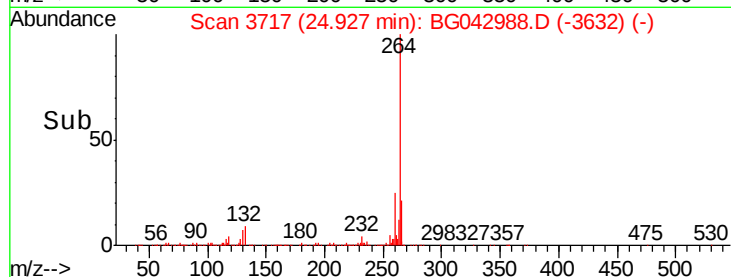
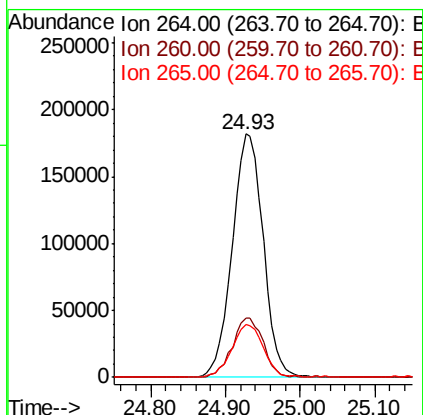
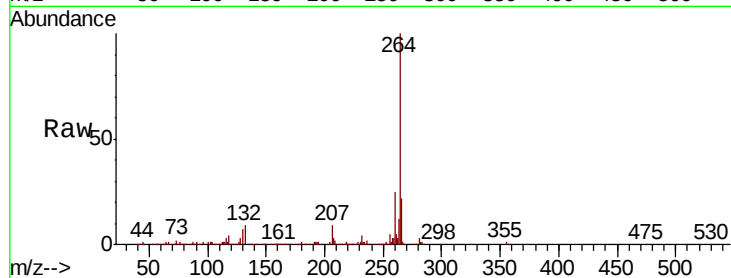


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion:264 Resp: 524233

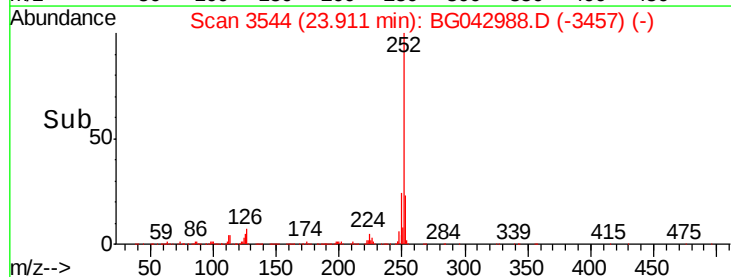
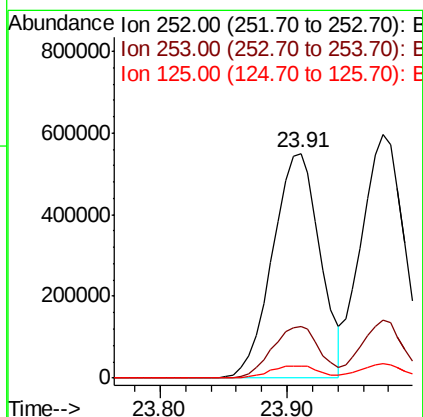
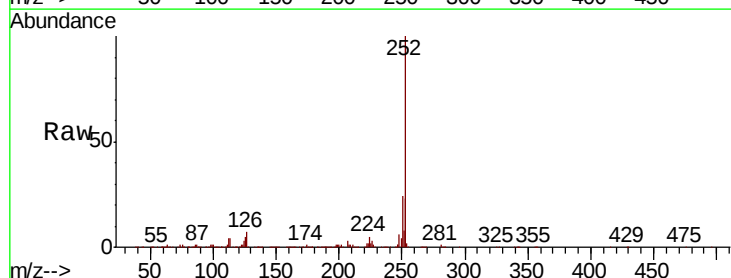
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.8	17.7	26.5

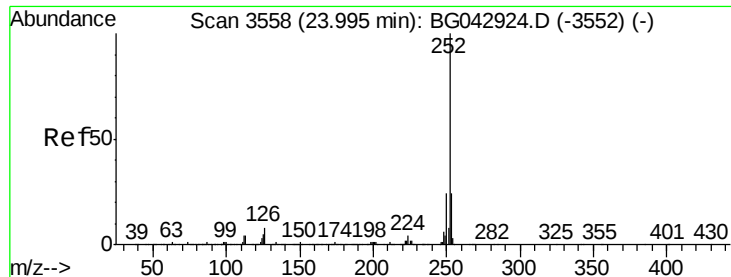


#88
Benzo(b)fluoranthene
Concen: 48.281 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.02 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion:252 Resp: 1432141

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	5.2	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 47.588 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.02 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB123559BSD

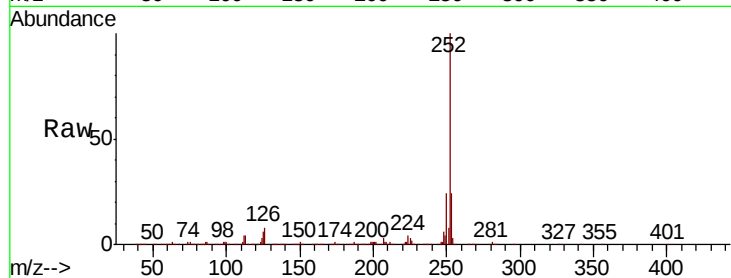
Tot Ion:252 Resp: 1396440

Ion Ratio Lower Upper

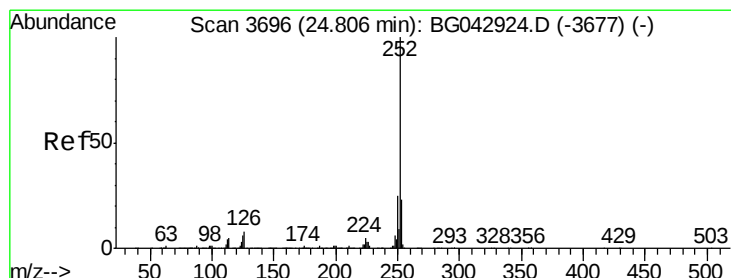
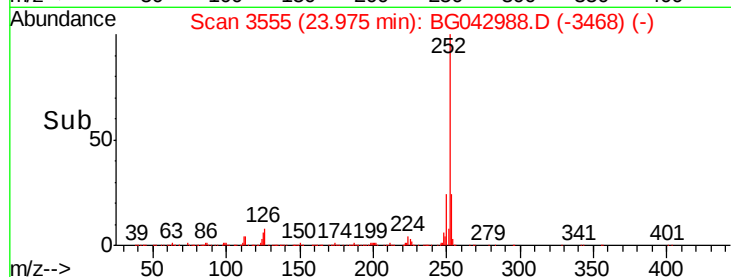
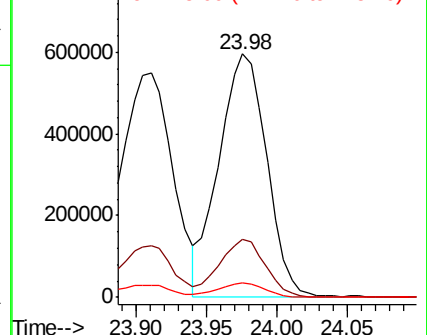
252 100

253 24.1 18.9 28.3

125 6.1 4.5 6.7



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

Benzo(a)pyrene

Concen: 50.035 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BG042988.D

Acq: 2 Oct 2019 17:10

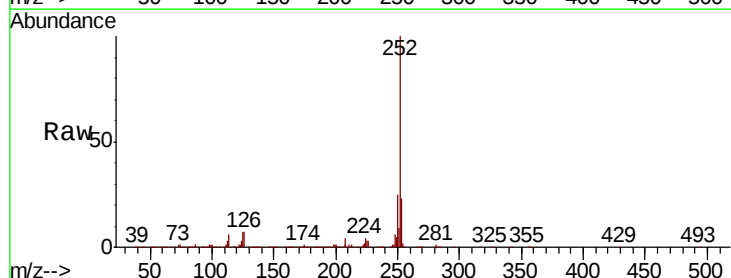
Tgt Ion:252 Resp: 1400243

Ion Ratio Lower Upper

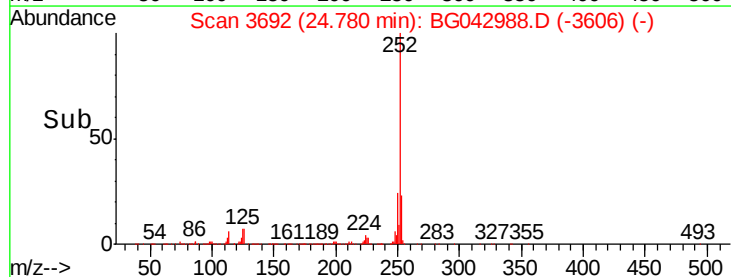
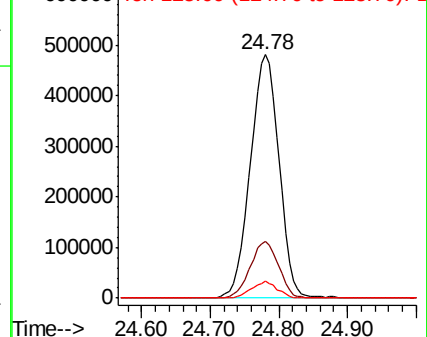
252 100

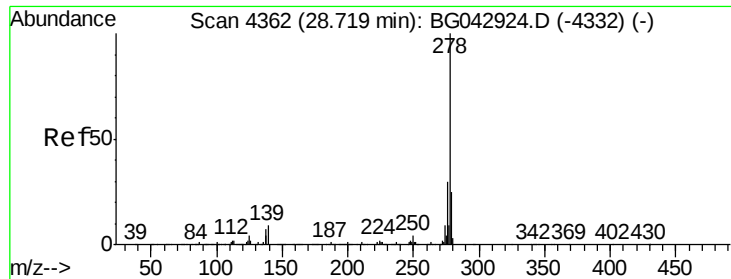
253 23.5 18.2 27.4

125 6.9 5.0 7.6



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

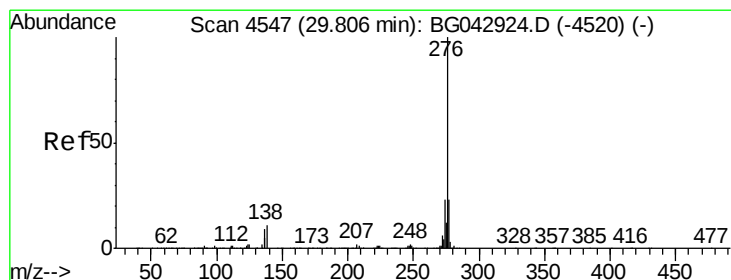
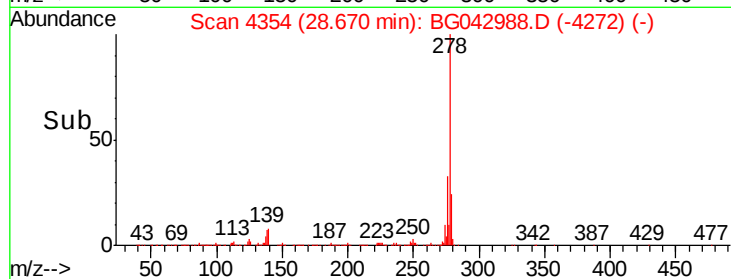
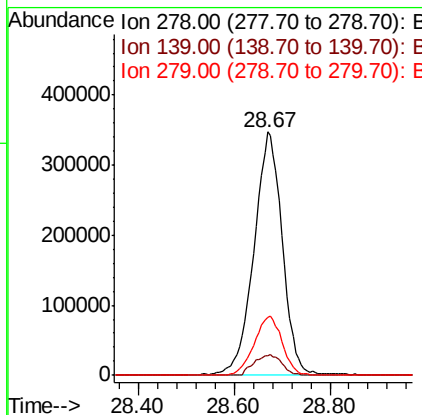
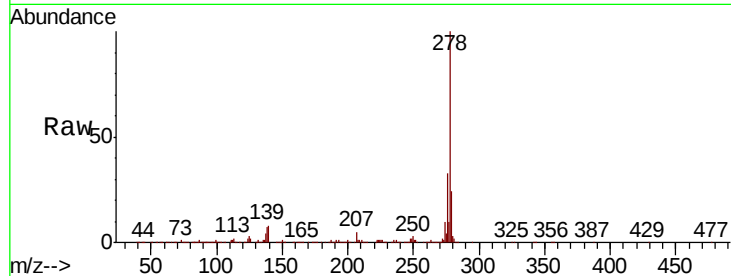




#91
Dibenzo(a,h)anthracene
Concen: 49.795 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.05 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB123559BSD

Tot Ion:278 Resp: 1428970
Ion Ratio Lower Upper
278 100
139 8.0 6.8 10.2
279 24.1 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 49.474 ng
RT: 29.76 min Scan# 4540
Delta R.T. -0.04 min
Lab File: BG042988.D
Acq: 2 Oct 2019 17:10

Tgt Ion:276 Resp: 1375608
Ion Ratio Lower Upper
276 100
277 24.2 18.4 27.6
138 12.1 8.6 12.8

