

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042951.D
 Acq On : 30 Sep 2019 20:12
 Operator : JU
 Sample : PB123480BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 07:11:46 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	65827	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	258554	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	194952	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	477879	20.00	ng	0.00
76) Chrysene-d12	21.70	240	525532	20.00	ng	-0.01
87) Perylene-d12	24.93	264	546907	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	435734	118.13	ng	0.00
7) Phenol-d6	7.24	99	602328	113.40	ng	0.00
23) Nitrobenzene-d5	9.23	82	364980	68.61	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	369307	110.16	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	900417	66.96	ng	0.00
79) Terphenyl-d14	20.04	244	1770720	71.80	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	56736	36.893	ng	98
3) Pyridine	3.95	79	136684	31.600	ng	97
4) n-Nitrosodimethylamine	3.86	42	94547	45.454	ng	98
6) Aniline	7.40	93	215830	33.661	ng	99
8) 2-Chlorophenol	7.64	128	183180	47.620	ng	94
9) Benzaldehyde	7.21	77	101971	31.416	ng	95
10) Phenol	7.27	94	237231	48.679	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	157014	41.641	ng	98
12) 1,3-Dichlorobenzene	7.96	146	200834	40.927	ng	99
13) 1,4-Dichlorobenzene	8.11	146	206243	42.161	ng	98
14) 1,2-Dichlorobenzene	8.43	146	196308	42.151	ng	95
15) Benzyl Alcohol	8.31	79	184888	46.297	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	288428	39.830	ng	99
17) 2-Methylphenol	8.52	107	159452	46.761	ng	96
18) Hexachloroethane	9.16	117	75356	40.903	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	145029	41.581	ng	94
20) 3+4-Methylphenols	8.85	107	216126	46.250	ng	94
22) Acetophenone	8.90	105	276858	41.541	ng	# 99
24) Nitrobenzene	9.28	77	230012	45.332	ng	98
25) Isophorone	9.80	82	409659	43.843	ng	98
26) 2-Nitrophenol	9.99	139	103896	48.100	ng	98
27) 2,4-Dimethylphenol	10.05	122	177744	53.584	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	221053	41.697	ng	96
29) 2,4-Dichlorophenol	10.53	162	198326	48.073	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	226450	42.505	ng	95
31) Naphthalene	10.93	128	569168	44.719	ng	99
32) Benzoic acid	10.19	122	106185	42.229	ng	96
33) 4-Chloroaniline	11.03	127	141069	25.543	ng	98
34) Hexachlorobutadiene	11.22	225	161774	40.555	ng	98
35) Caprolactam	11.81	113	26691	18.346	ng	95
36) 4-Chloro-3-methylphenol	12.16	107	214862	47.900	ng	99
37) 2-Methylnaphthalene	12.53	142	426221	43.897	ng	98
38) 1-Methylnaphthalene	12.74	142	402157	43.772	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	291428	39.758	ng	99

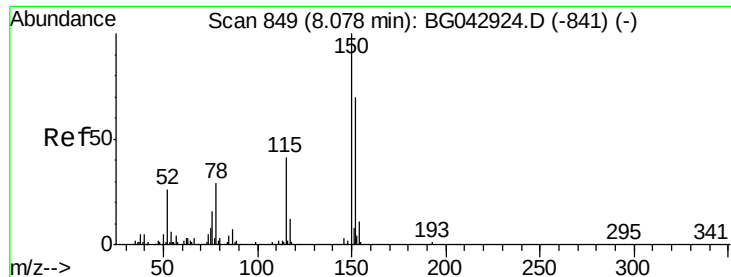
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
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 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	391135	83.748	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	189101	44.076	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	202032	45.712	ng	96
46) 1,1'-Biphenyl	13.53	154	584525	39.537	ng	98
47) 2-Chloronaphthalene	13.57	162	461540	41.639	ng	99
48) 2-Nitroaniline	13.77	65	152561	41.389	ng	96
49) Acenaphthylene	14.41	152	744414	43.890	ng	99
50) Dimethylphthalate	14.15	163	607802	41.610	ng	100
51) 2,6-Dinitrotoluene	14.26	165	141392	45.454	ng	93
52) Acenaphthene	14.75	154	468229	41.244	ng	98
53) 3-Nitroaniline	14.59	138	96590	30.046	ng	99
54) 2,4-Dinitrophenol	14.79	184	183059	94.676	ng	99
55) Dibenzofuran	15.09	168	719808	42.862	ng	99
56) 4-Nitrophenol	14.91	139	232107	94.760	ng	97
57) 2,4-Dinitrotoluene	15.05	165	203389	44.649	ng	99
58) Fluorene	15.73	166	615634	42.938	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	206130	43.803	ng	93
60) Diethylphthalate	15.51	149	609201	40.980	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	363225	42.241	ng	97
62) 4-Nitroaniline	15.76	138	147548	42.084	ng	92
63) Azobenzene	16.02	77	574114	42.420	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	131474	48.619	ng	95
66) n-Nitrosodiphenylamine	15.94	169	551675	43.730	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	251383	41.912	ng	98
68) Hexachlorobenzene	16.74	284	273259	40.918	ng	99
69) Atrazine	16.89	200	218510	41.133	ng	96
70) Pentachlorophenol	17.09	266	363740	94.393	ng	98
71) Phenanthrene	17.48	178	996885	42.729	ng	98
72) Anthracene	17.57	178	1006853	43.229	ng	98
73) Carbazole	17.84	167	945720	43.787	ng	99
74) Di-n-butylphthalate	18.40	149	1081457	41.967	ng	99
75) Fluoranthene	19.48	202	1327087	43.006	ng	100
77) Benzidine	19.66	184	381979	29.028	ng	99
78) Pyrene	19.84	202	1350502	43.055	ng	99
80) Butylbenzylphthalate	20.73	149	506864	42.572	ng	99
81) Benzo(a)anthracene	21.69	228	1389068	42.420	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	483731	37.665	ng	99
83) Chrysene	21.75	228	1353216	42.585	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	727262	42.927	ng	98
85) Di-n-octyl phthalate	22.81	149	1214867	43.853	ng	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1730621	43.747	ng	# 99
88) Benzo(b)fluoranthene	23.91	252	1494820	48.305	ng	98
89) Benzo(k)fluoranthene	23.98	252	1446842	47.261	ng	99
90) Benzo(a)pyrene	24.78	252	1450148	49.670	ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1476159	49.307	ng	99
92) Benzo(g,h,i)perylene	29.76	276	1446154	49.854	ng	98

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

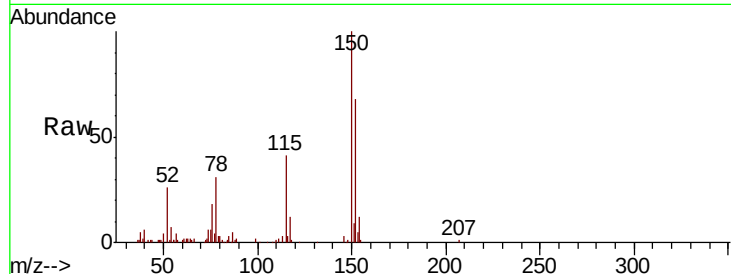


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	65827
Ion Ratio	Lower	Upper	
152	100		
150	147.4	115.0	172.4
115	60.4	47.0	70.6

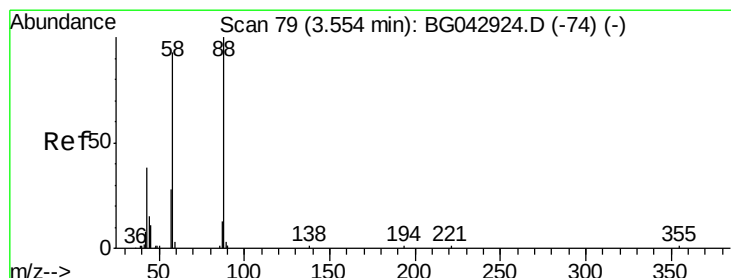
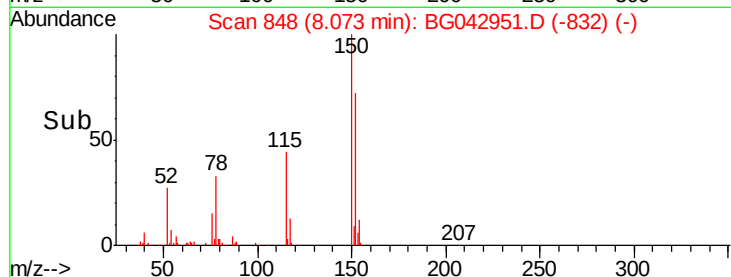
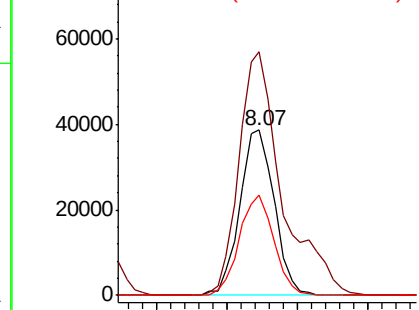


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

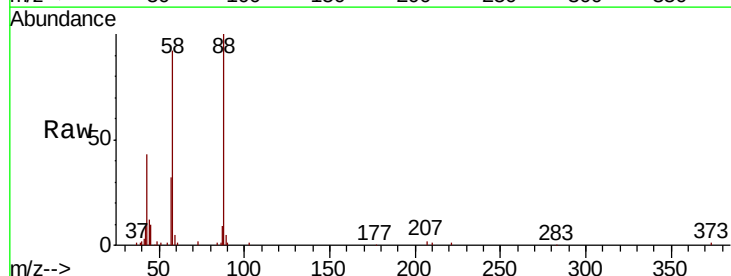
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.893 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	88	Resp	56736
Ion Ratio	Lower	Upper	
88	100		
58	93.4	74.3	111.5
43	40.3	29.8	44.8

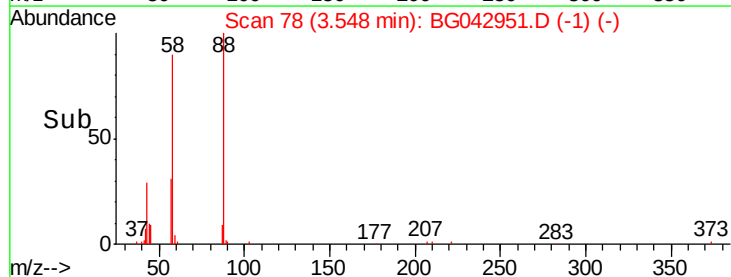
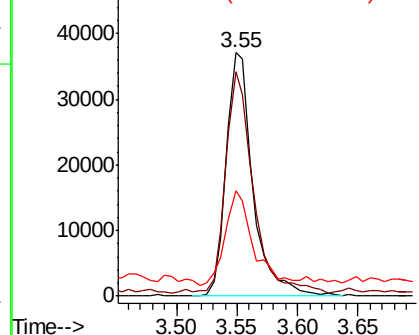


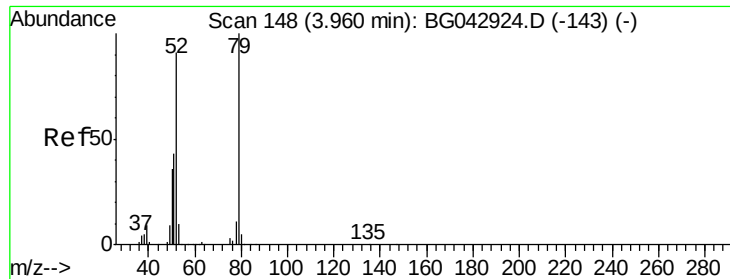
Abundance

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: 31.600 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

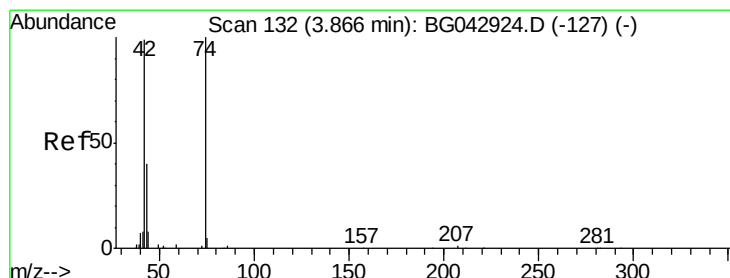
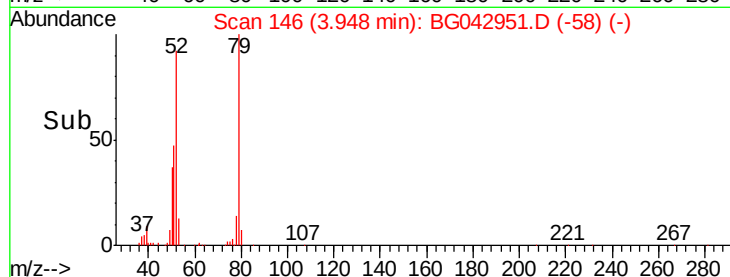
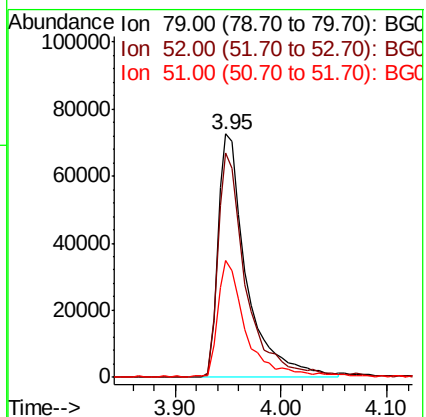
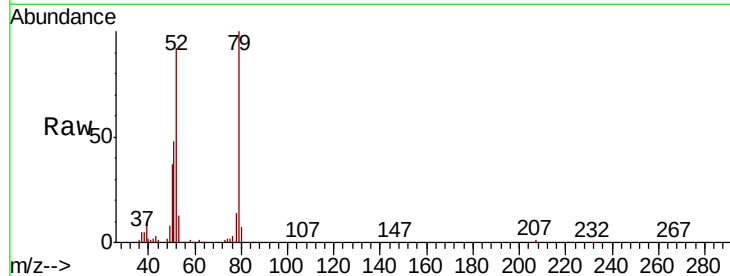
Tot Ion: 79 Resp: 136684

Ion Ratio Lower Upper

79 100

52 91.9 73.0 109.4

51 47.9 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 45.454 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

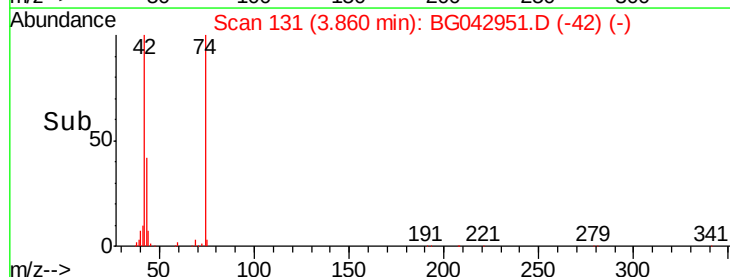
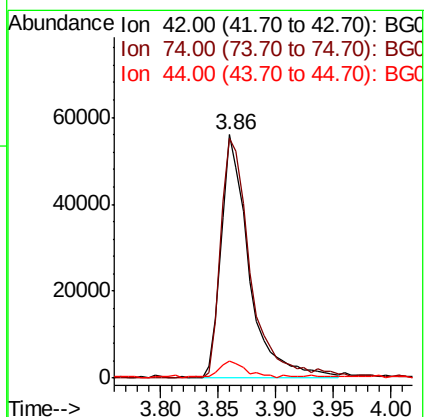
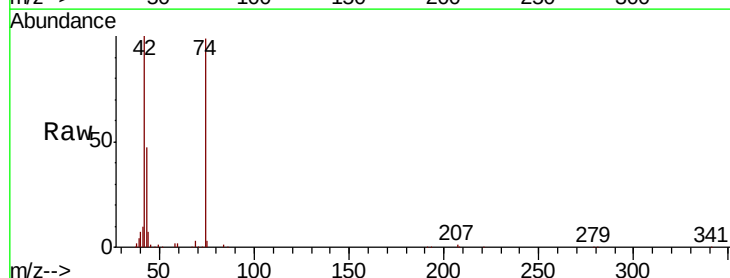
Tgt Ion: 42 Resp: 94547

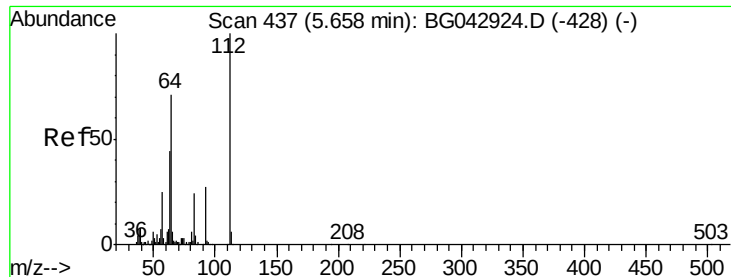
Ion Ratio Lower Upper

42 100

74 98.5 80.5 120.7

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 118.131 ng

RT: 5.66 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

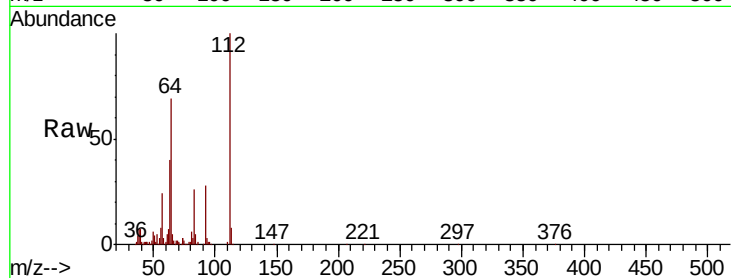
Tot Ion:112 Resp: 435734

Ion Ratio Lower Upper

112 100

64 69.2 56.6 84.8

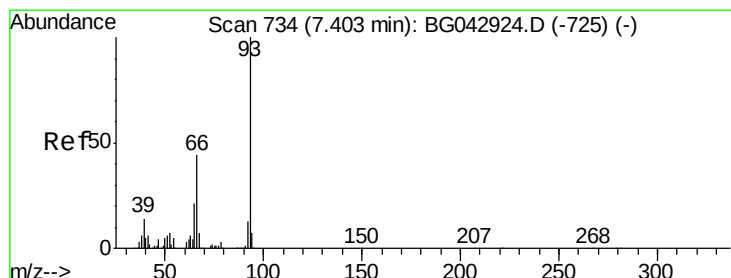
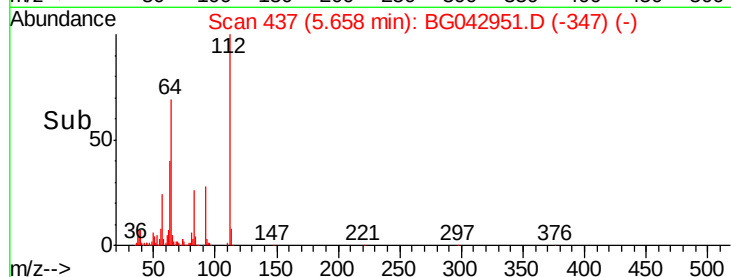
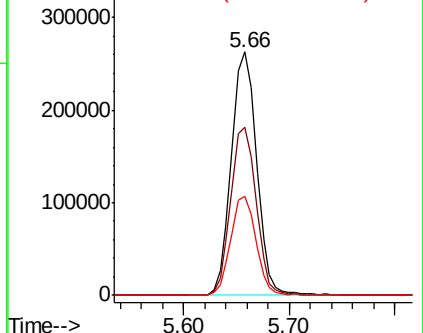
63 40.5 35.1 52.7



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: 33.661 ng

RT: 7.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

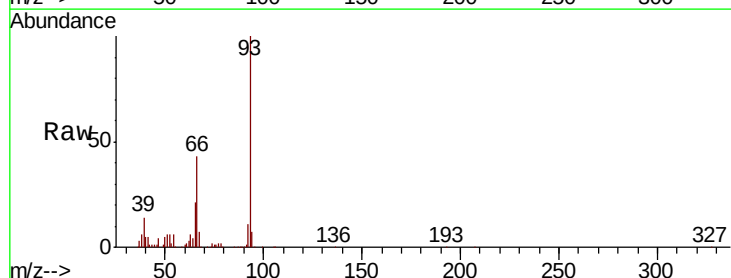
Tgt Ion: 93 Resp: 215830

Ion Ratio Lower Upper

93 100

66 42.9 35.0 52.6

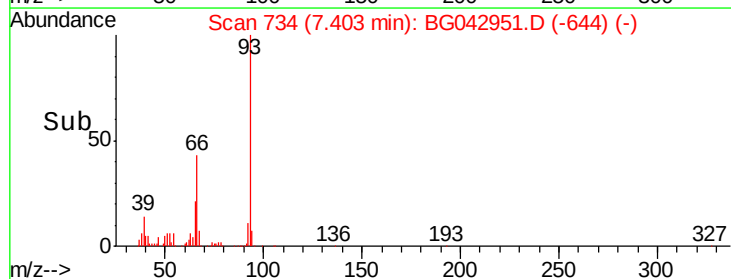
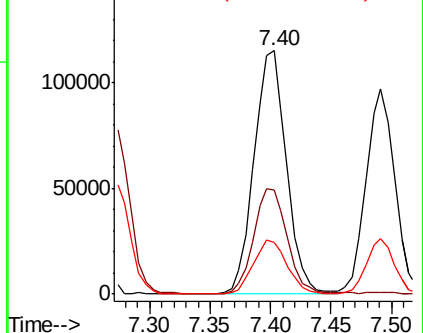
65 21.3 17.4 26.0

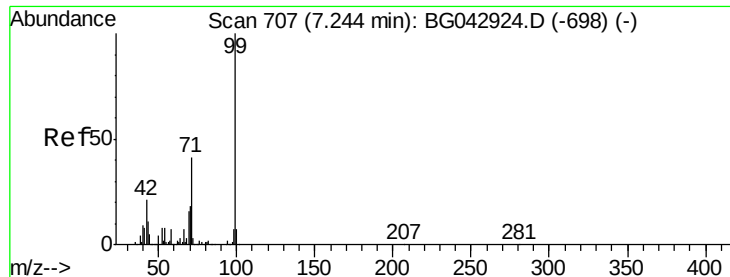


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.395 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

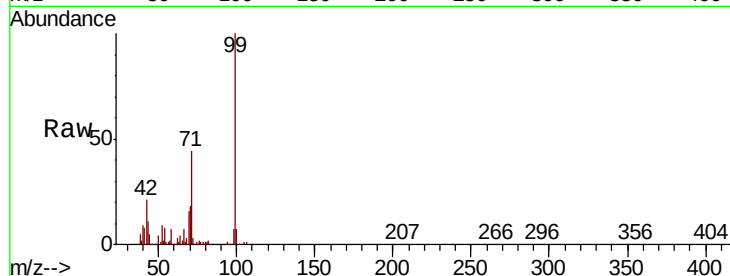
Tot Ion: 99 Resp: 602328

Ion Ratio Lower Upper

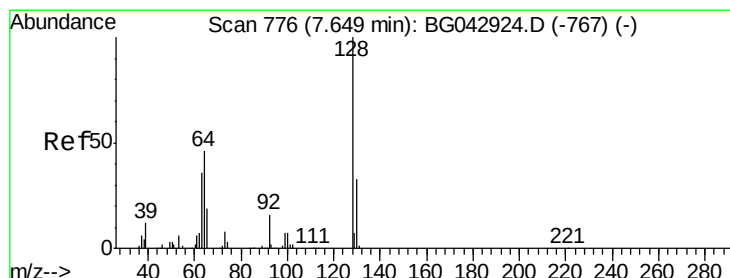
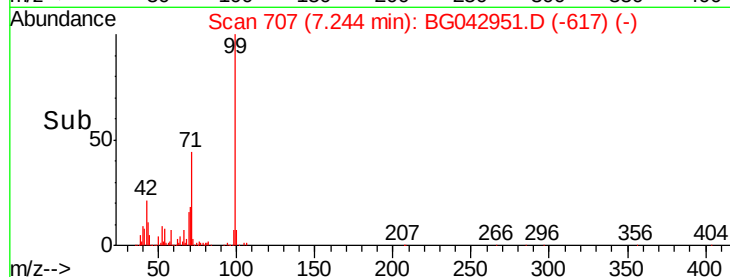
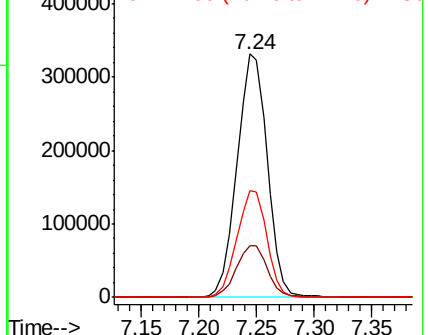
99 100

42 21.2 17.2 25.8

71 43.7 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: 47.620 ng

RT: 7.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

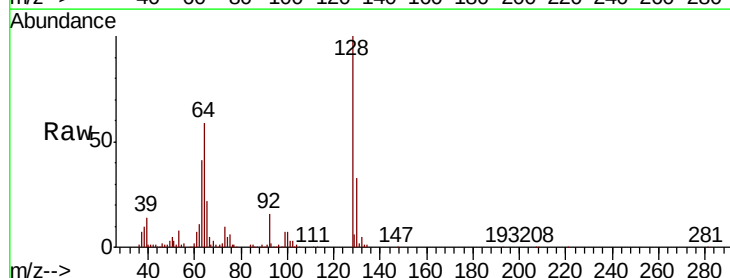
Tgt Ion:128 Resp: 183180

Ion Ratio Lower Upper

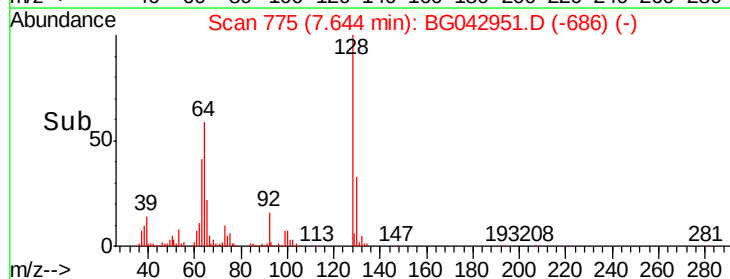
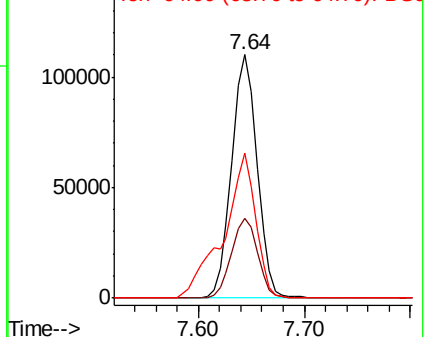
128 100

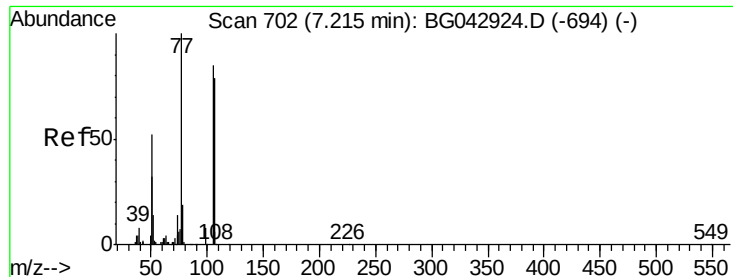
130 32.6 12.5 52.5

64 59.4 32.8 72.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.416 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

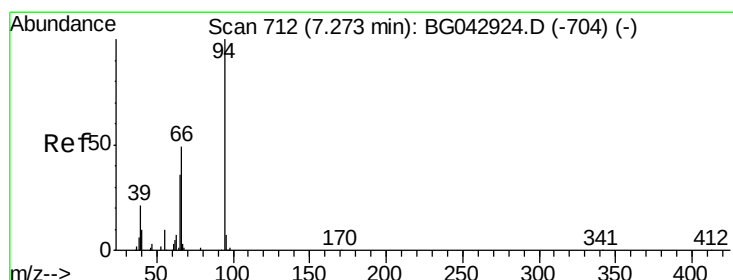
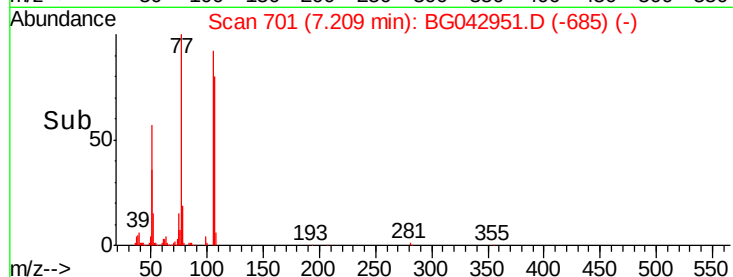
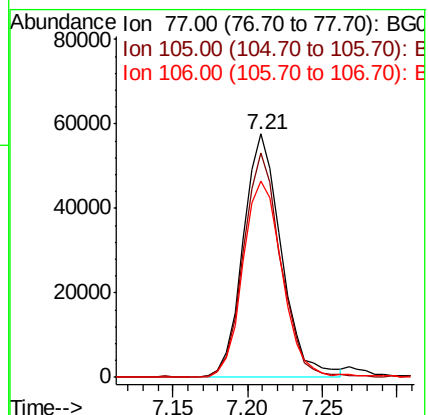
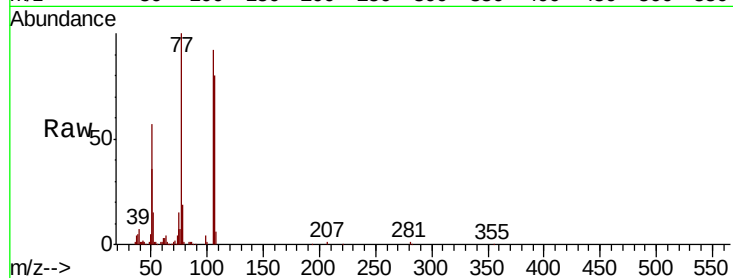
Tot Ion: 77 Resp: 101971

Ion Ratio Lower Upper

77 100

105 92.3 64.6 104.6

106 80.5 59.4 99.4



#10

Phenol

Concen: 48.679 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

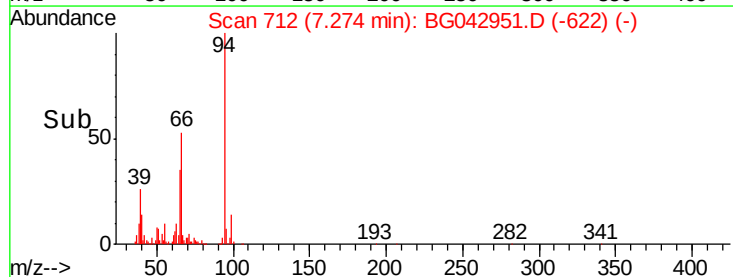
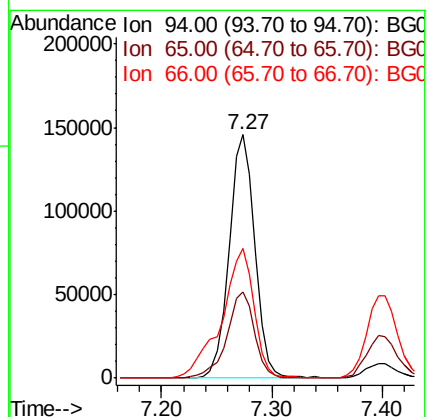
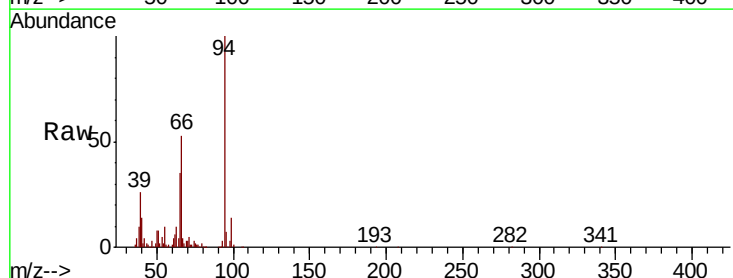
Tgt Ion: 94 Resp: 237231

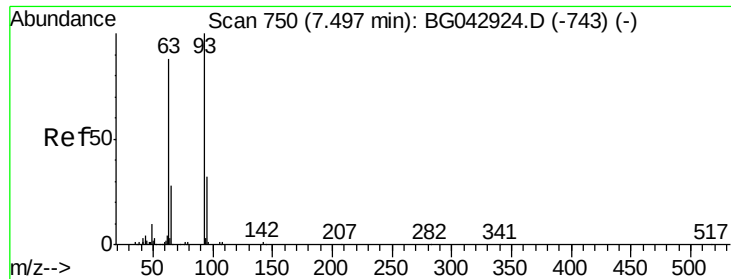
Ion Ratio Lower Upper

94 100

65 35.5 16.6 56.6

66 53.2 32.4 72.4

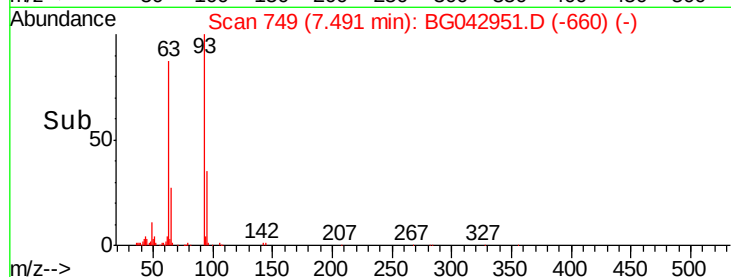
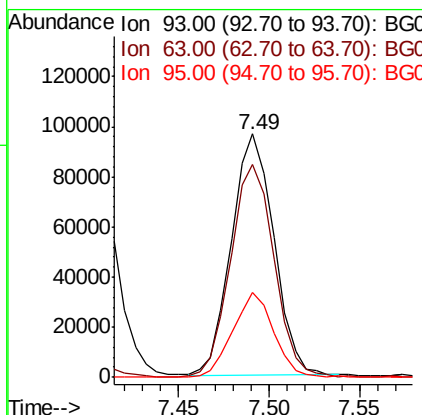
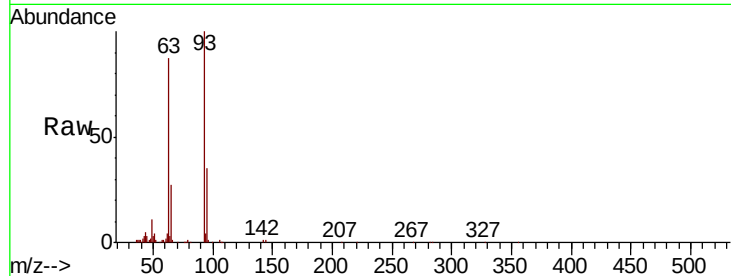




#11
 bis(2-Chloroethyl)ether
 Concen: 41.641 ng
 RT: 7.49 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

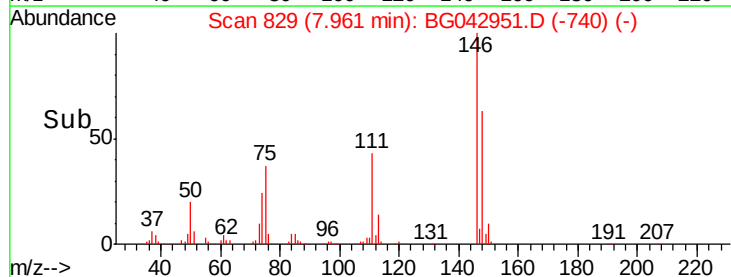
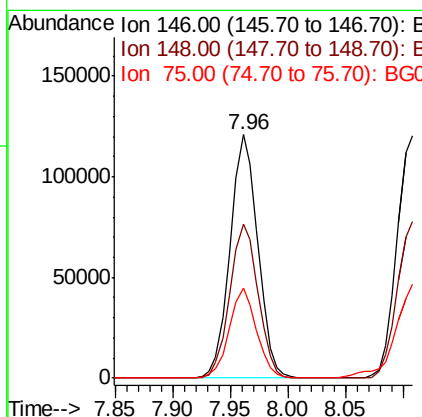
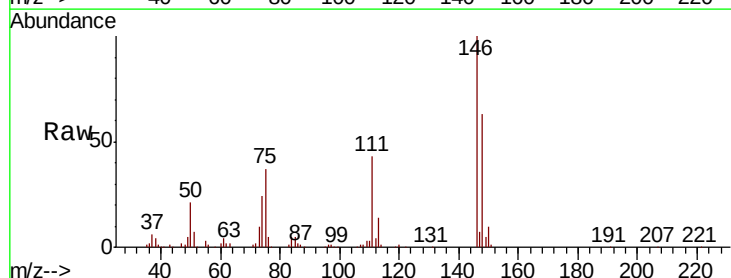
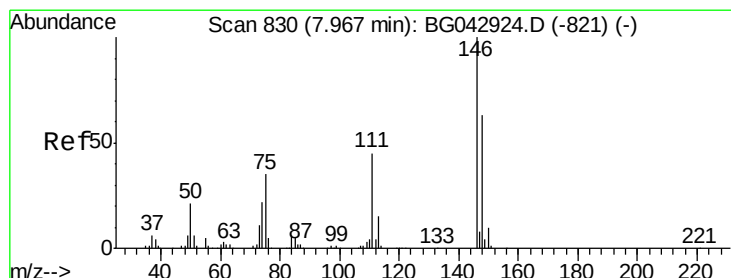
Instrument :
 BNA_G
 ClientSampleId :

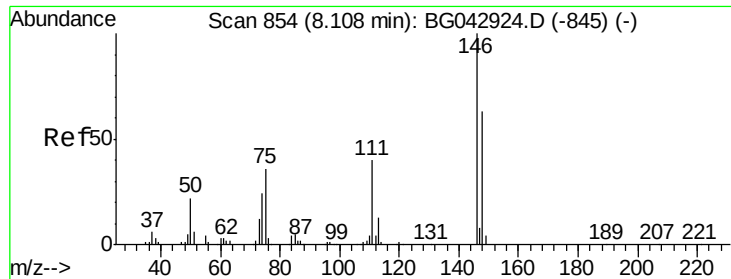
Tot Ion: 93 Resp: 157014
 Ion Ratio Lower Upper
 93 100
 63 87.3 67.4 107.4
 95 34.9 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 40.927 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion: 146 Resp: 200834
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.7 76.1
 75 36.8 27.7 41.5

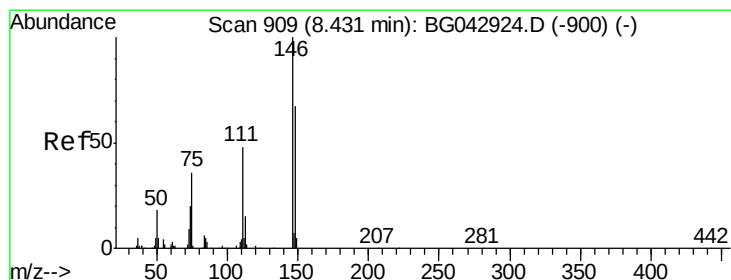
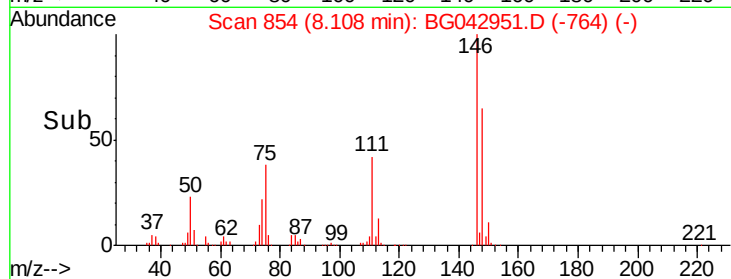
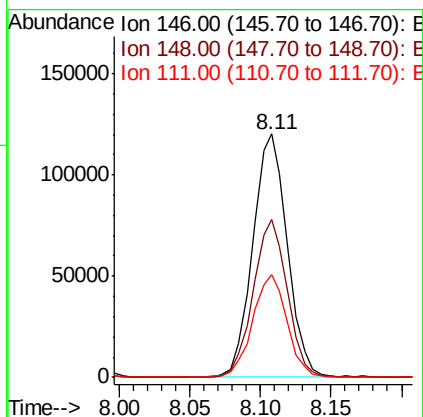
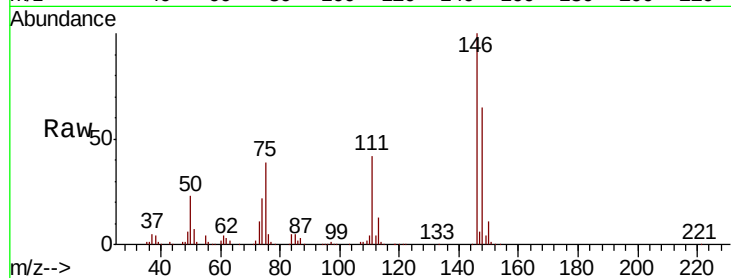




#13
 1,4-Dichlorobenzene
 Concen: 42.161 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

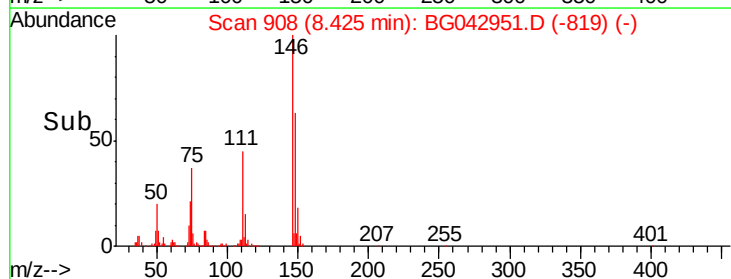
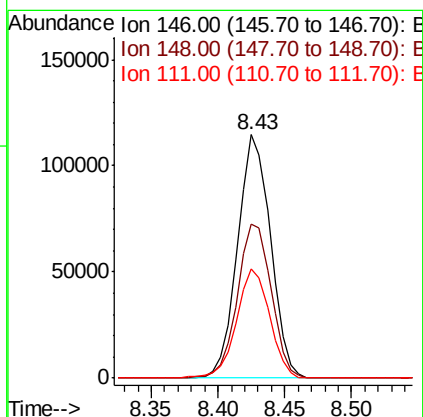
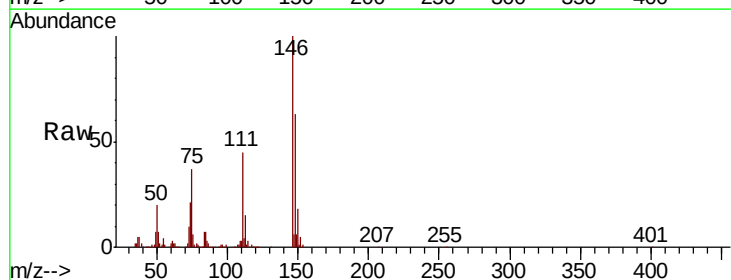
Instrument :
 BNA_G
 ClientSampleId :

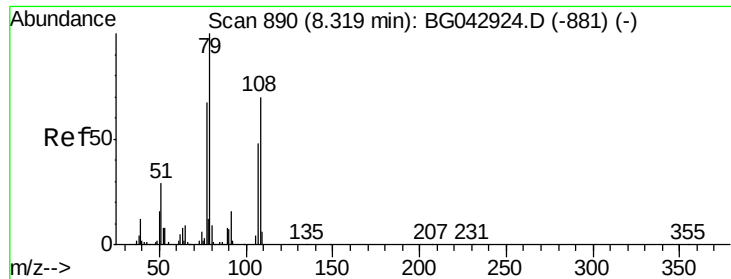
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.9	76.3
111	42.2	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 42.151 ng
 RT: 8.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	53.4	80.2
111	45.1	38.5	57.7





#15

Benzyl Alcohol

Concen: 46.297 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampled :

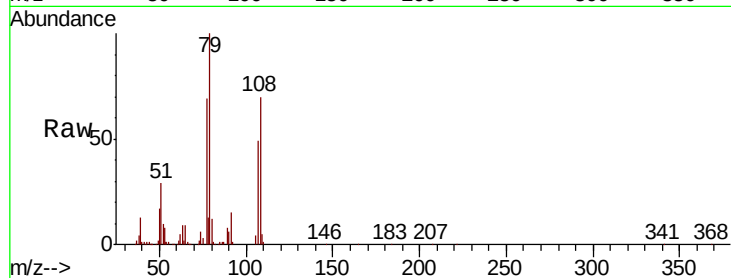
Tot Ion: 79 Resp: 184888

Ion Ratio Lower Upper

79 100

108 70.0 55.7 83.5

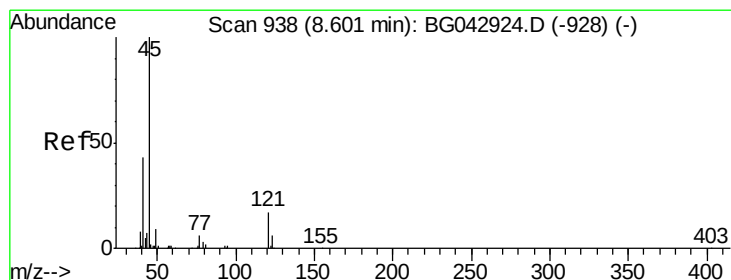
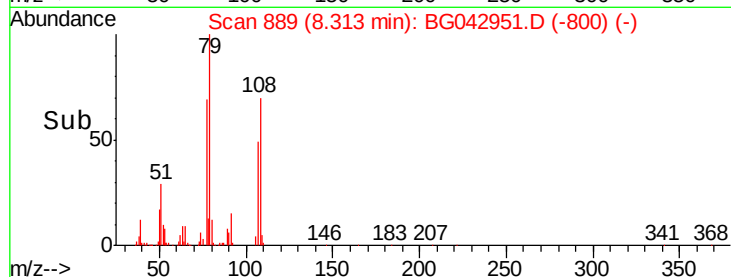
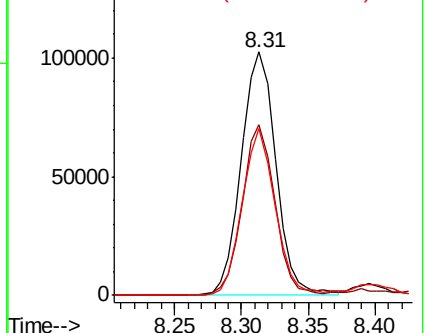
77 68.8 53.3 79.9



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: 39.830 ng

RT: 8.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

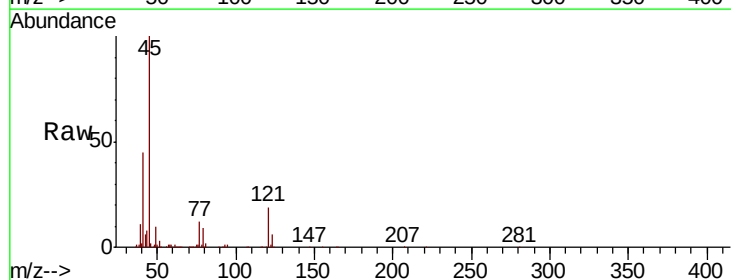
Tgt Ion: 45 Resp: 288428

Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.8

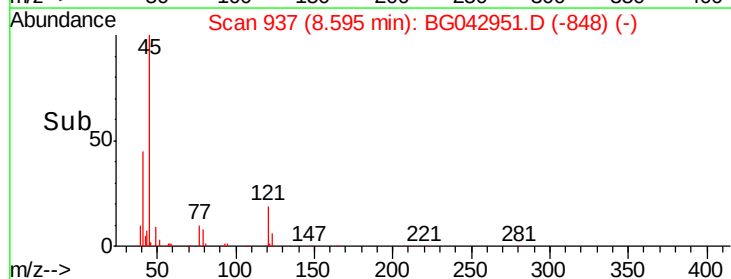
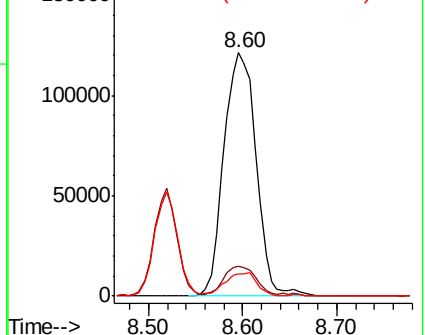
79 9.0 0.0 29.4

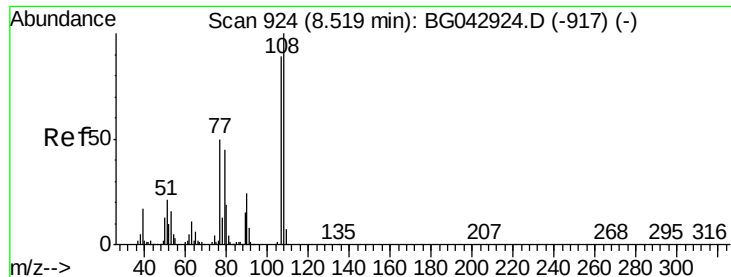


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 46.761 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 159452

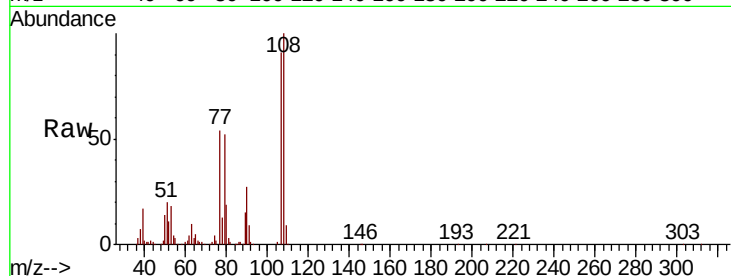
Ion Ratio Lower Upper

107 100

108 109.8 89.9 134.9

77 58.8 45.4 68.2

79 56.7 41.4 62.0

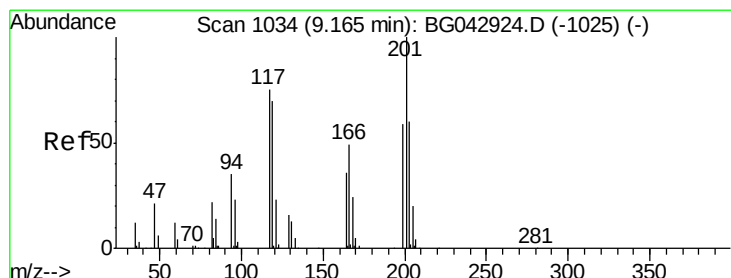
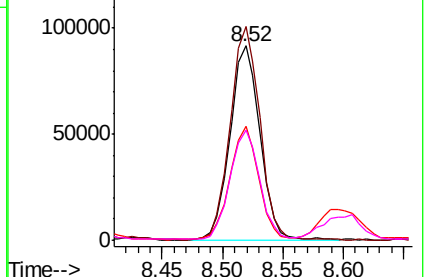
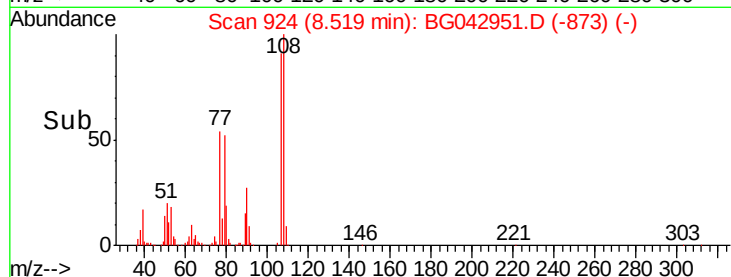


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.903 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

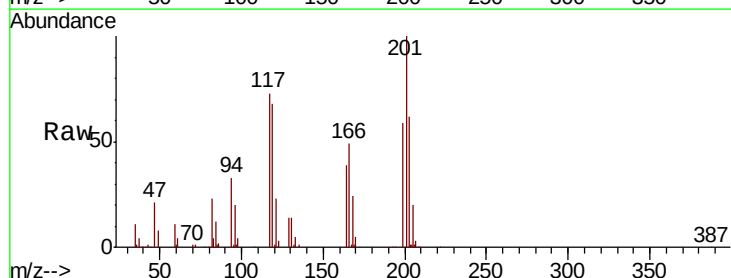
Tgt Ion:117 Resp: 75356

Ion Ratio Lower Upper

117 100

119 93.0 74.6 111.8

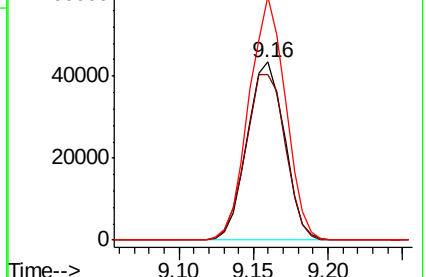
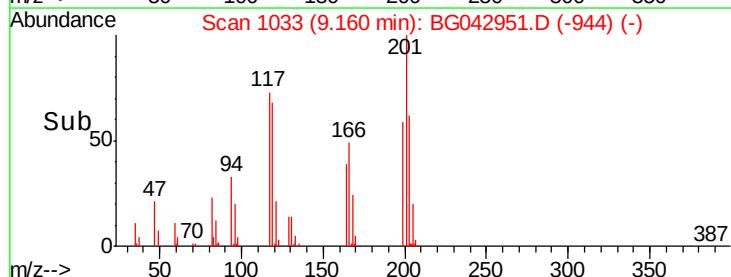
201 136.7 106.0 159.0

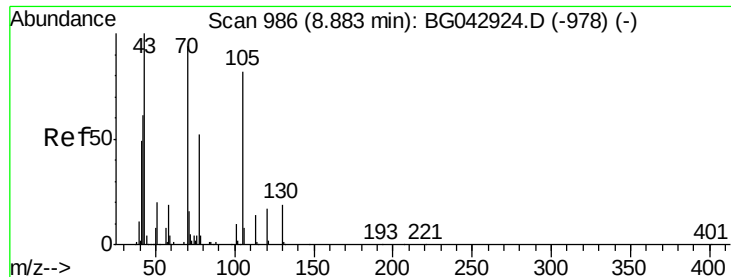


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

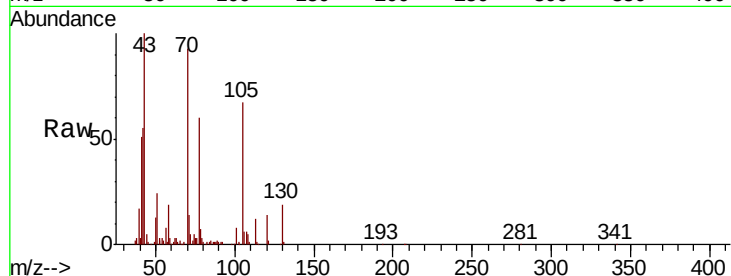




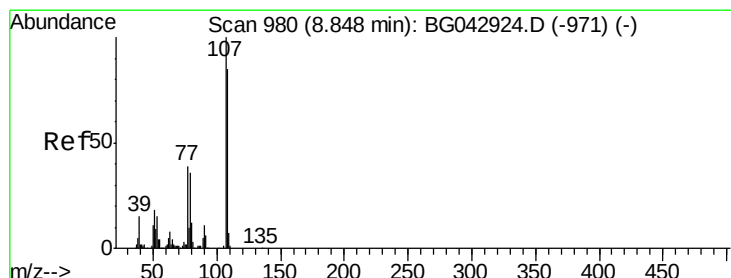
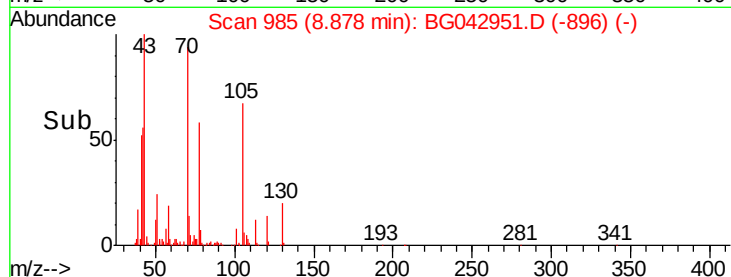
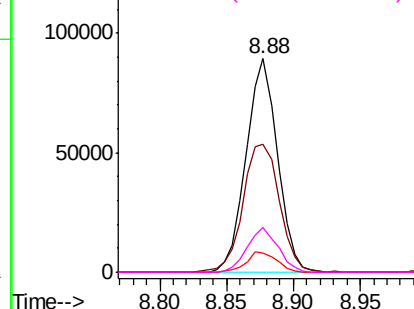
#19
n-Nitroso-di-n-propylamine
Concen: 41.581 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 145029
Ion Ratio Lower Upper
70 100
42 59.8 52.6 79.0
101 8.7 8.7 13.1
130 21.0 15.8 23.8

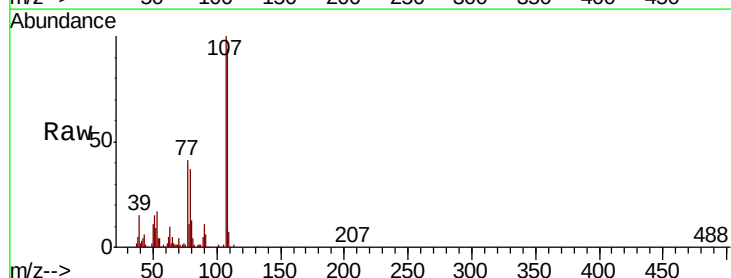


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

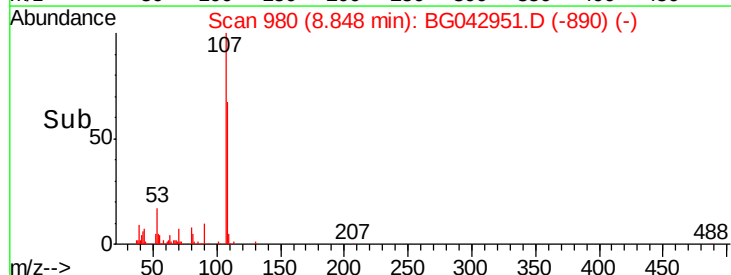
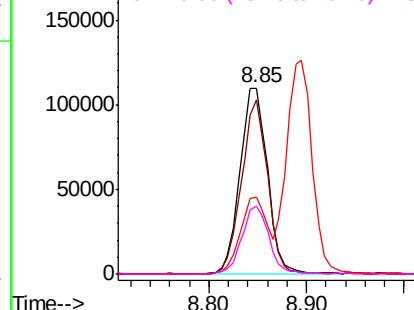


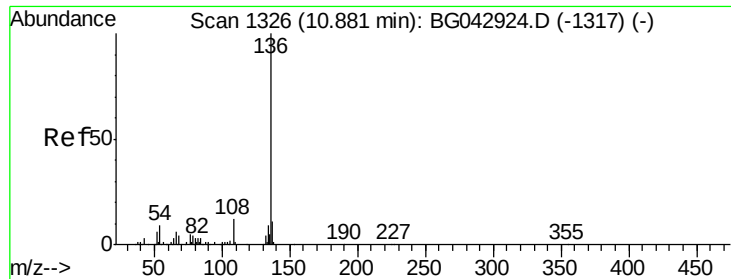
#20
3+4-Methylphenols
Concen: 46.250 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion: 107 Resp: 216126
Ion Ratio Lower Upper
107 100
108 93.6 64.9 104.9
77 41.0 19.4 59.4
79 36.7 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: 10.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 258554

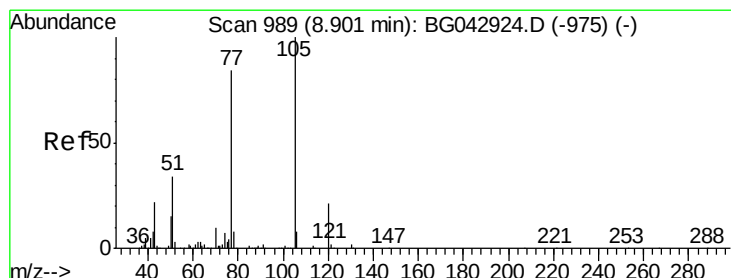
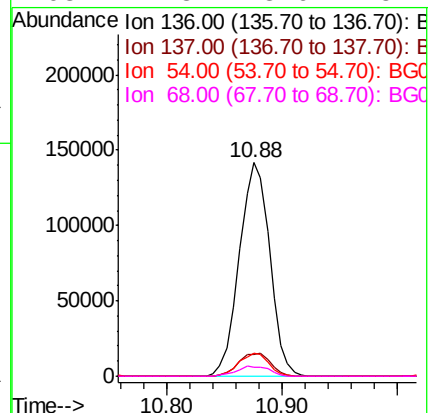
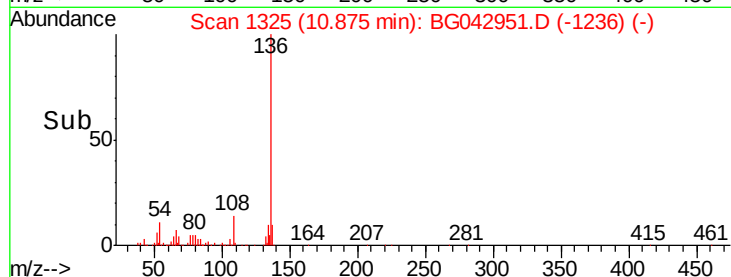
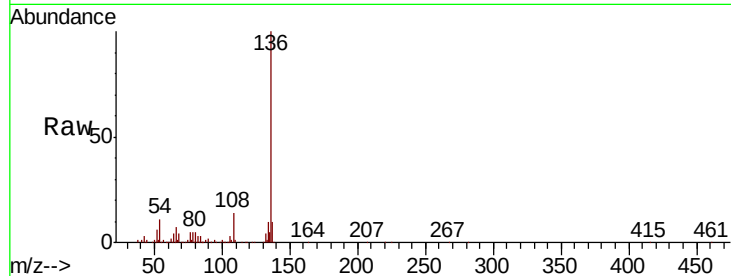
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 10.5 7.4 11.2

68 4.3 3.6 5.4



#22

Acetophenone

Concen: 41.541 ng

RT: 8.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:105 Resp: 276858

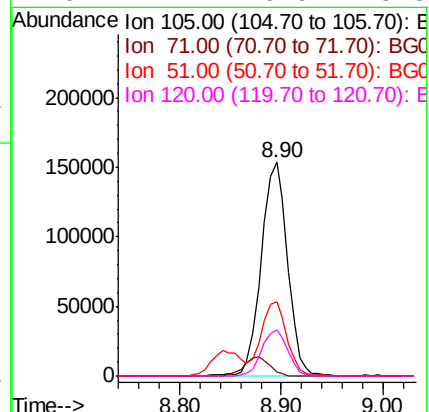
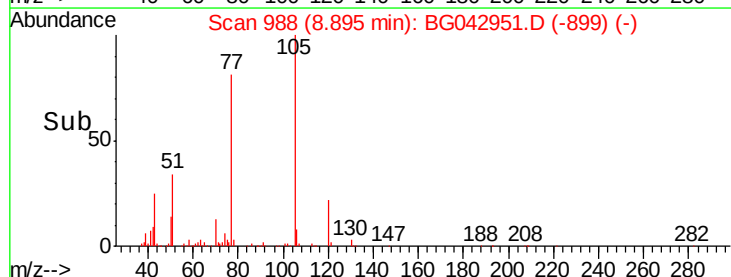
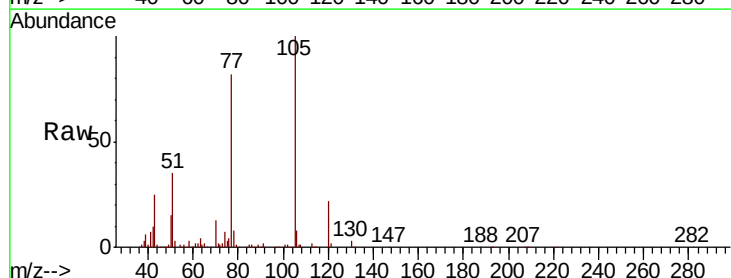
Ion Ratio Lower Upper

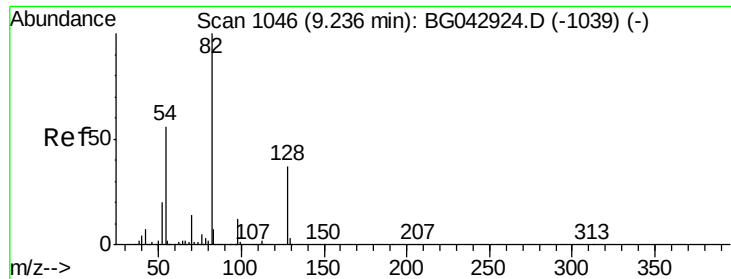
105 100

71 2.0 1.2 1.8#

51 34.9 27.2 40.8

120 21.7 16.9 25.3

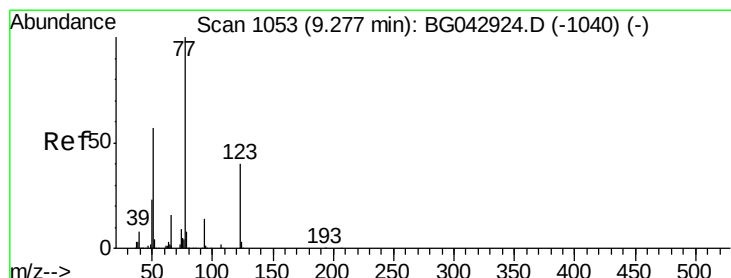
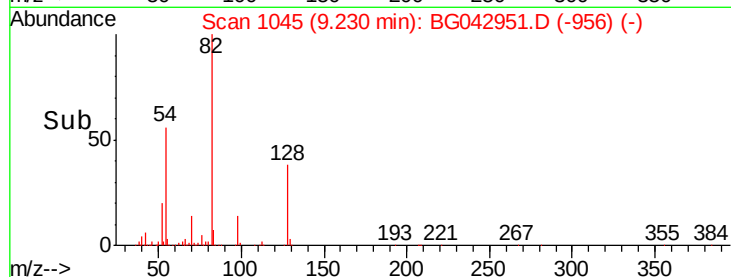
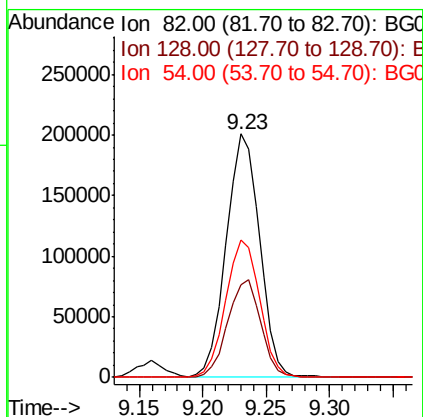
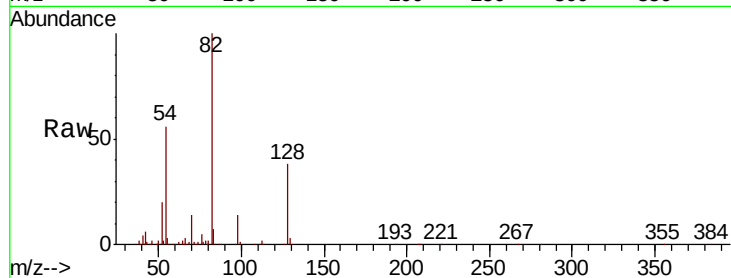




#23
 Nitrobenzene-d5
 Concen: 68.612 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

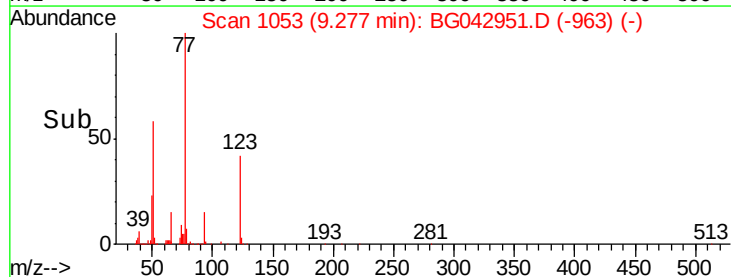
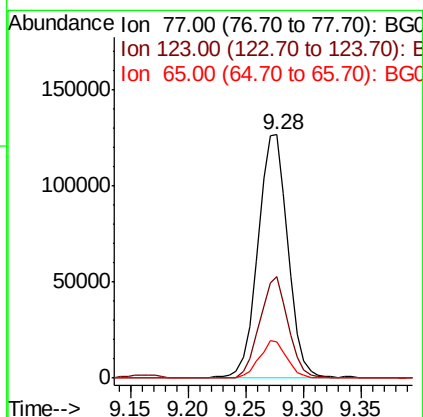
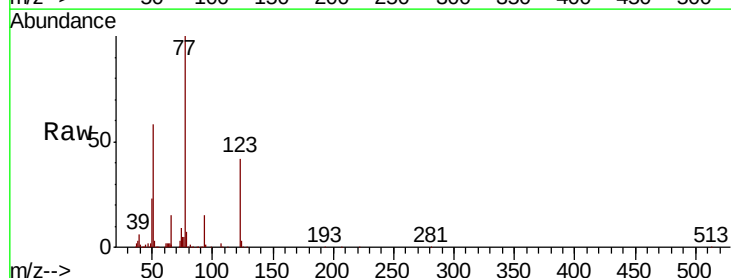
Instrument :
 BNA_G
 ClientSampleId :

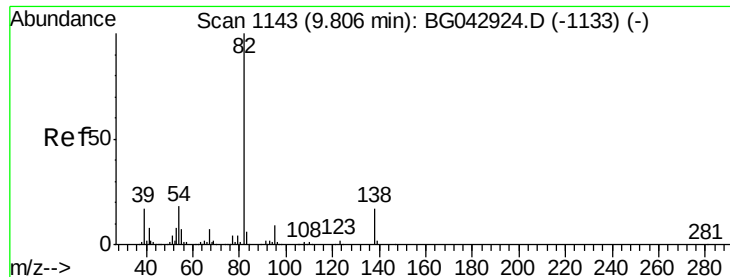
Tot Ion	82	Resp	364980
Ion Ratio	Lower	Upper	
82	100		
128	37.9	29.5	44.3
54	56.2	44.6	67.0



#24
 Nitrobenzene
 Concen: 45.332 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion	77	Resp	230012
Ion Ratio	Lower	Upper	
77	100		
123	41.5	31.9	47.9
65	14.7	12.4	18.6





#25

Isophorone

Concen: 43.843 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

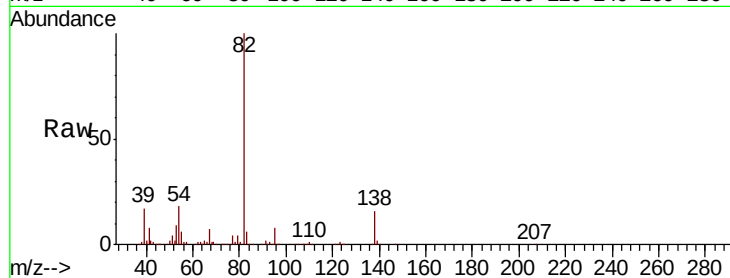
Tot Ion: 82 Resp: 409659

Ion Ratio Lower Upper

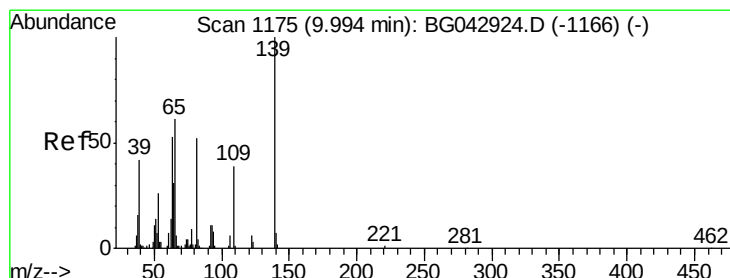
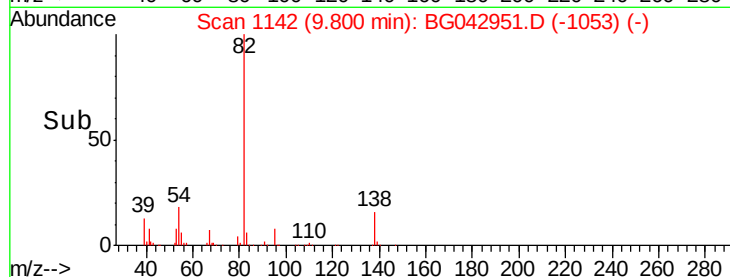
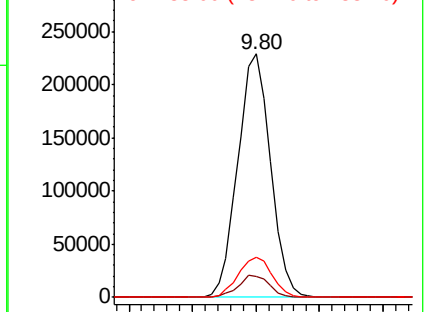
82 100

95 8.4 7.0 10.4

138 16.4 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: 48.100 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

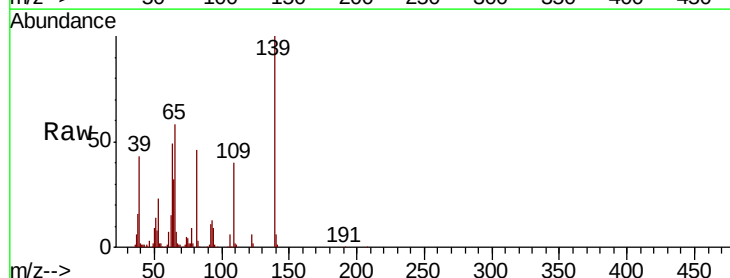
Tgt Ion: 139 Resp: 103896

Ion Ratio Lower Upper

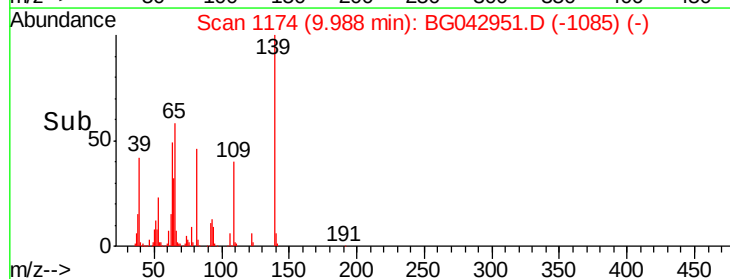
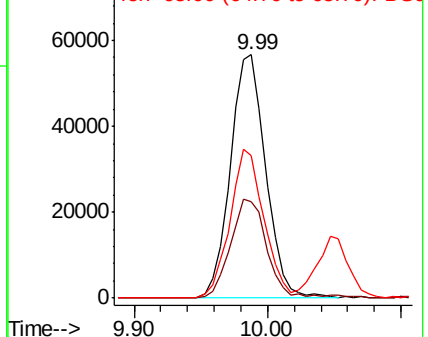
139 100

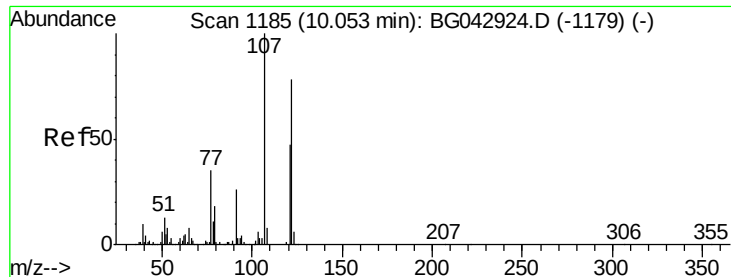
109 39.9 31.0 46.6

65 58.3 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

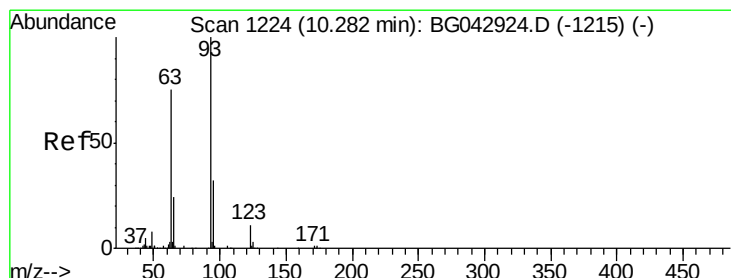
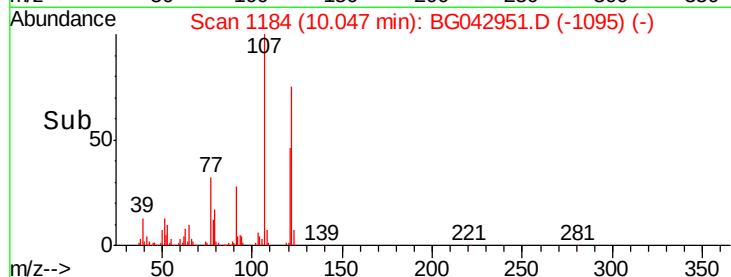
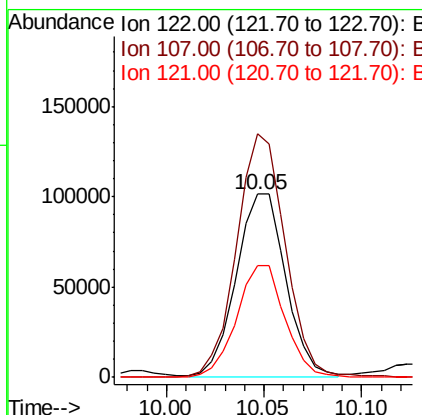
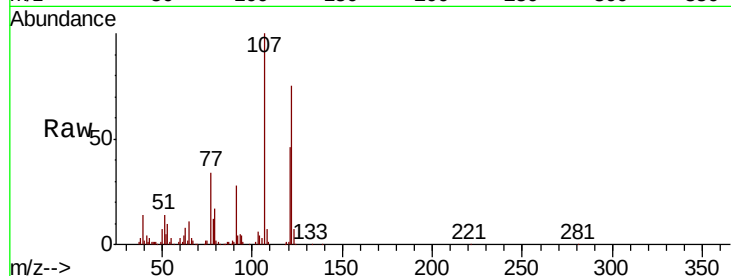




#27
2,4-Dimethylphenol
Concen: 53.584 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

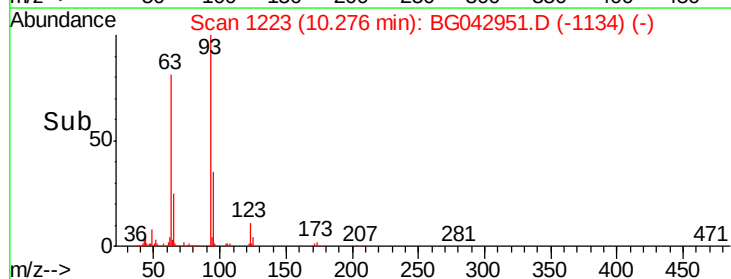
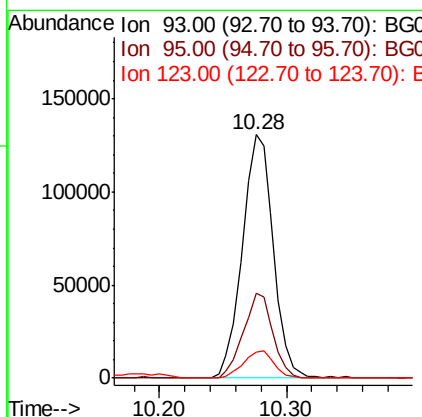
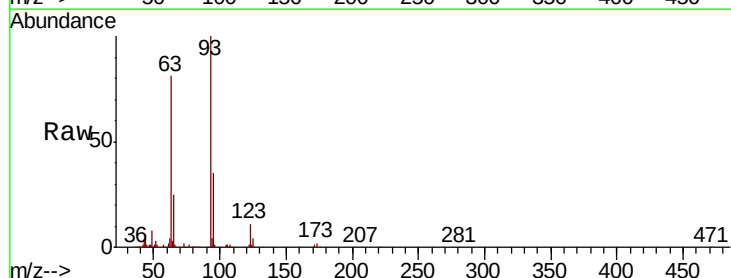
Instrument :
BNA_G
ClientSampleId :

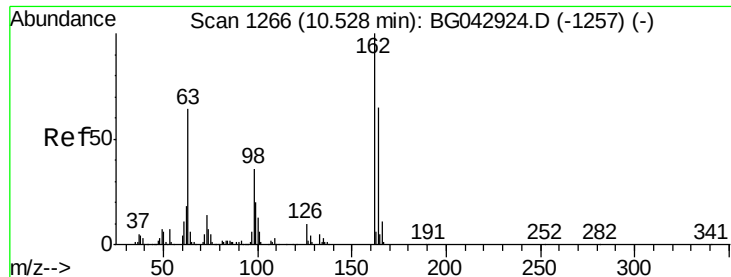
Tot Ion	Ratio	Lower	Upper
122	100		
107	132.8	102.2	153.2
121	61.2	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.697 ng
RT: 10.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.7	25.4	38.0
123	10.8	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 48.073 ng

RT: 10.53 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

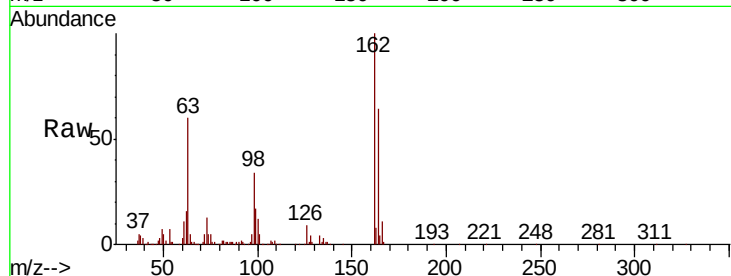
Tot Ion:162 Resp: 198326

Ion Ratio Lower Upper

162 100

164 63.9 44.7 84.7

98 34.0 16.0 56.0

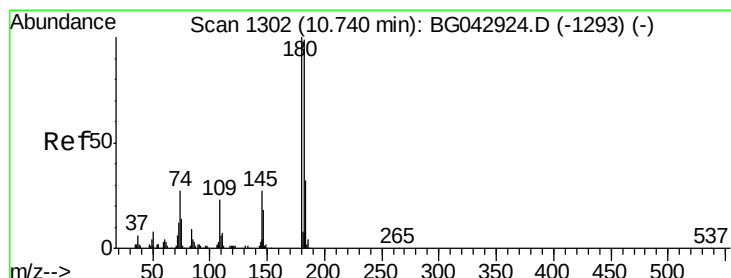
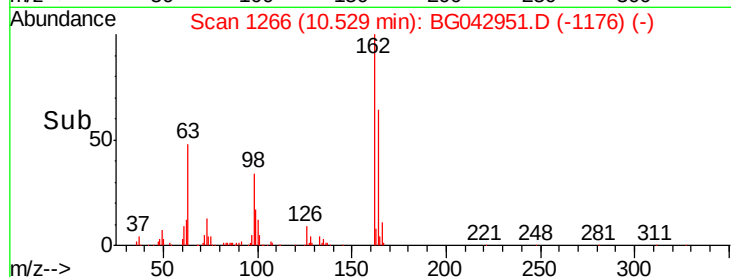
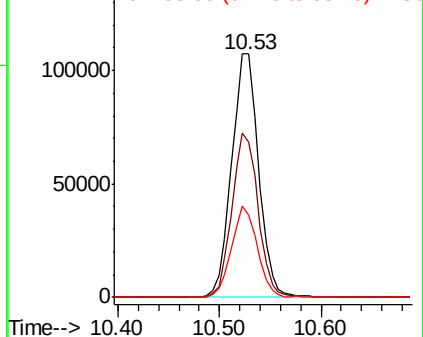


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 42.505 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

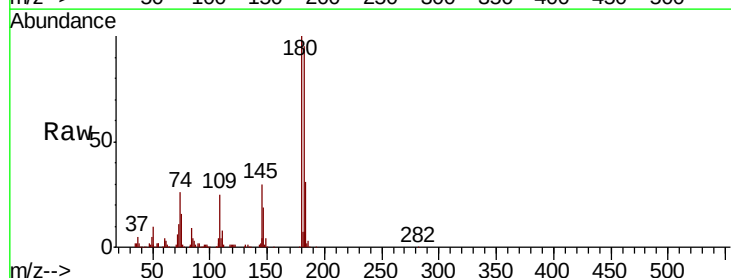
Tgt Ion:180 Resp: 226450

Ion Ratio Lower Upper

180 100

182 94.6 79.3 118.9

145 30.2 22.0 33.0

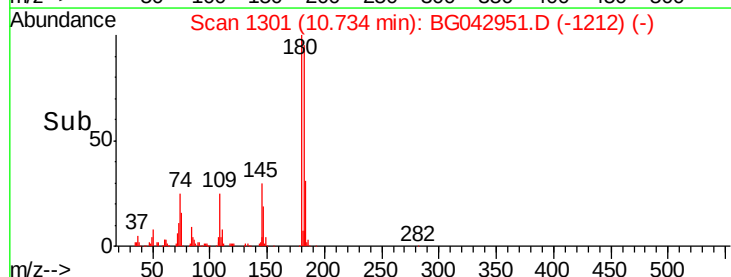
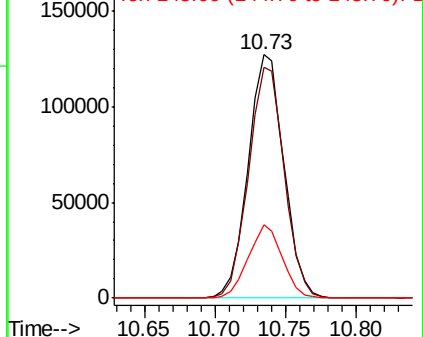


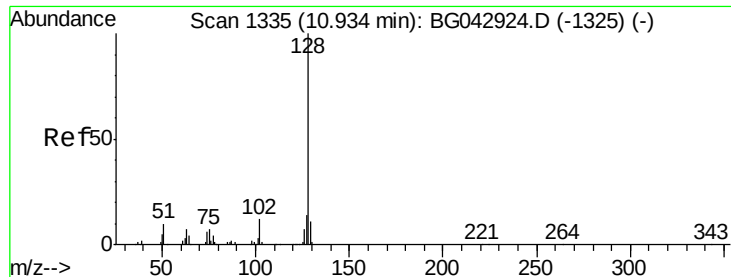
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

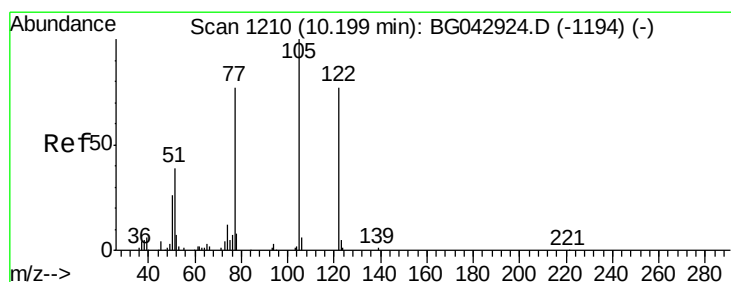
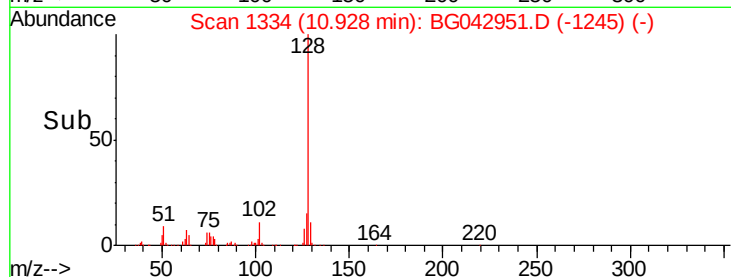
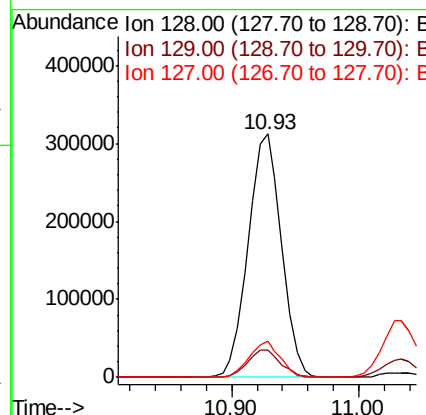
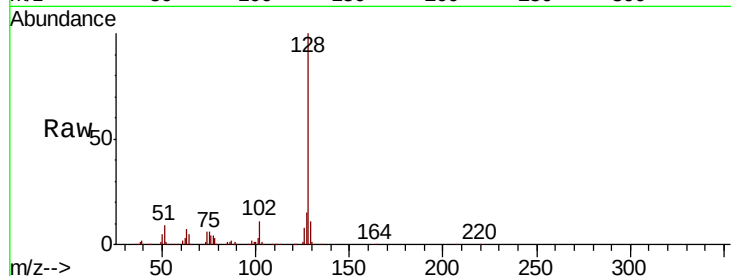




#31
Naphthalene
Concen: 44.719 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

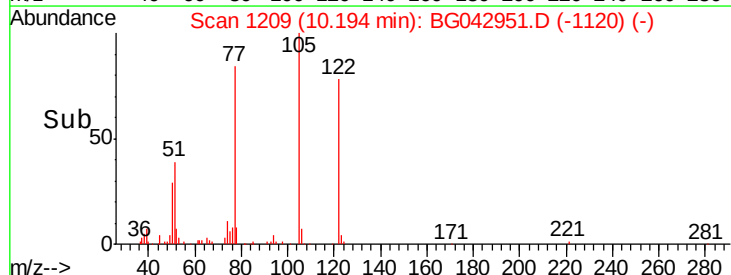
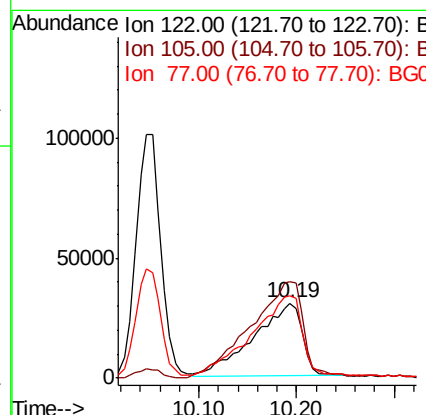
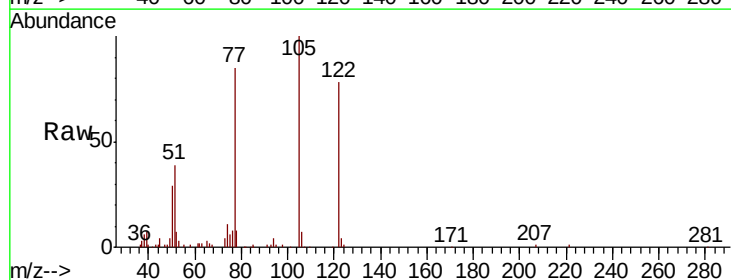
Instrument :
BNA_G
ClientSampleId :

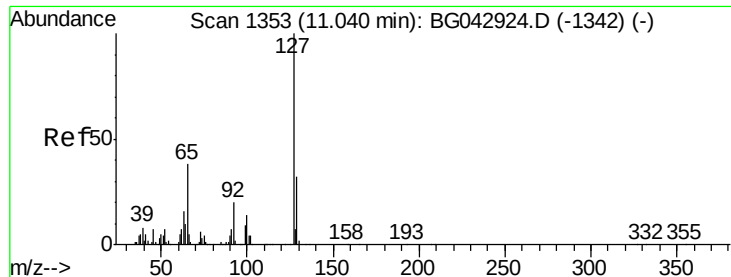
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	14.8	11.3	16.9



#32
Benzoic acid
Concen: 42.229 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.3	107.5	147.5
77	108.9	79.8	119.8

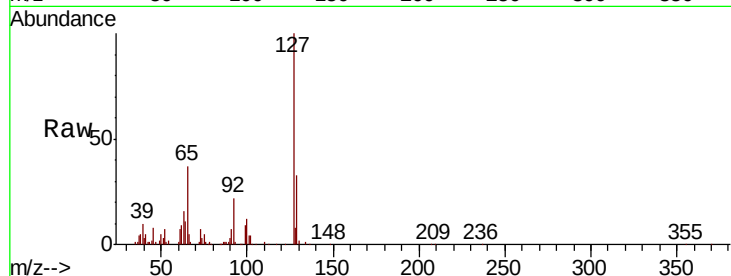




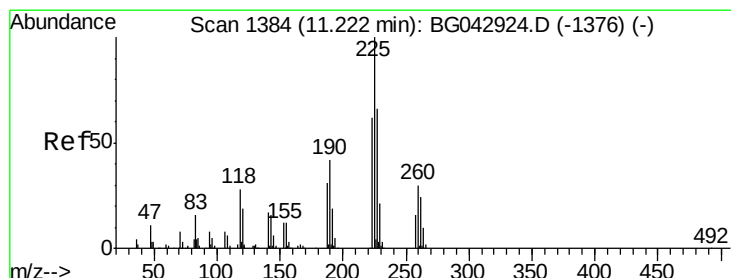
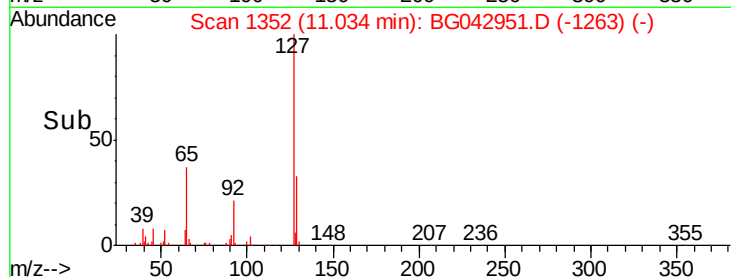
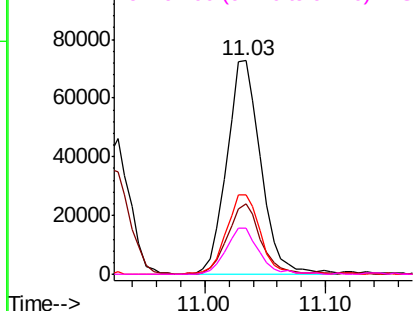
#33
4-Chloroaniline
Concen: 25.543 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	141069
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	36.9	30.6	45.8
92	21.7	16.2	24.4

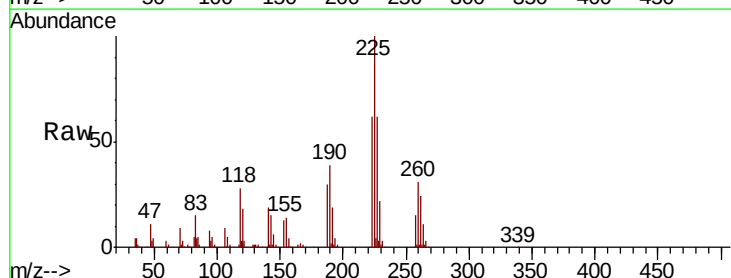


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

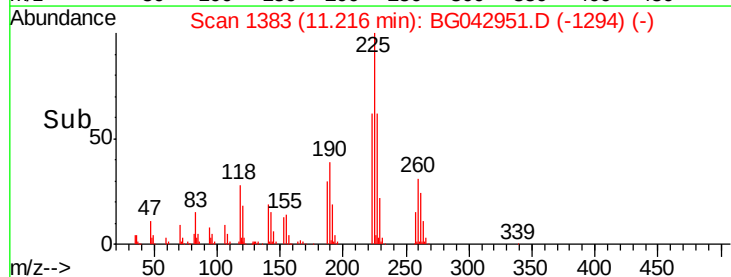
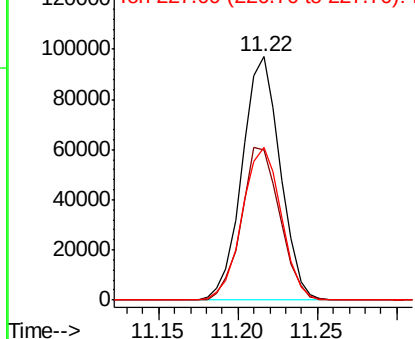


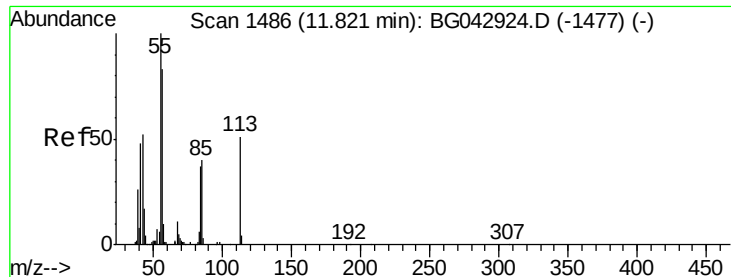
#34
Hexachlorobutadiene
Concen: 40.555 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion:	225	Resp:	161774
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.3	73.9
227	62.5	52.8	79.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.346 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

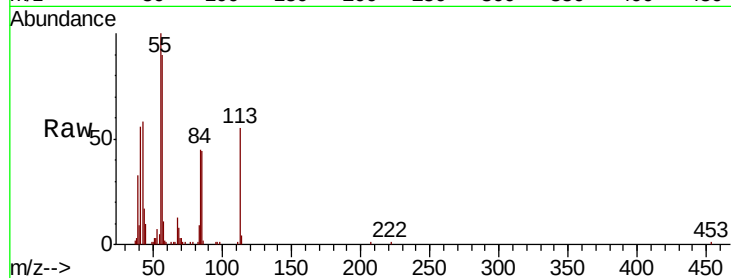
Tot Ion:113 Resp: 26691

Ion Ratio Lower Upper

113 100

55 181.0 175.5 215.5

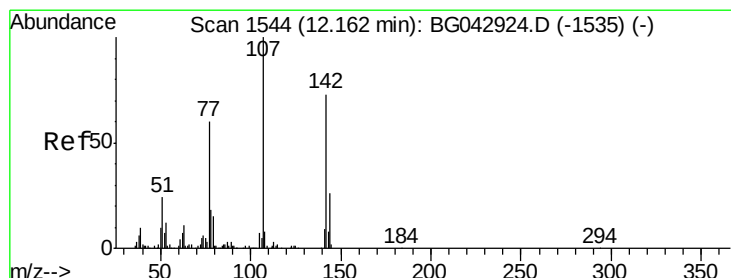
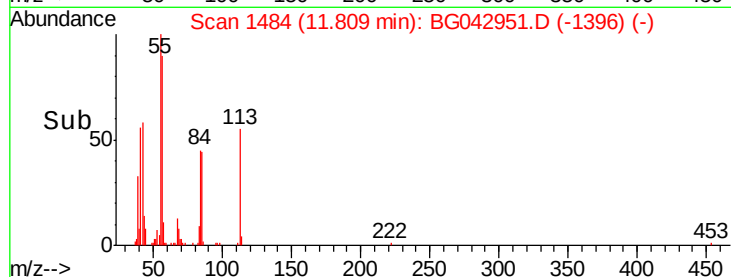
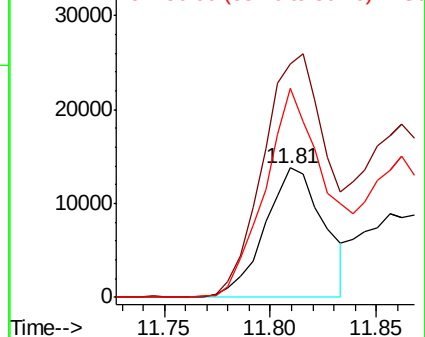
56 162.3 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 47.900 ng

RT: 12.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

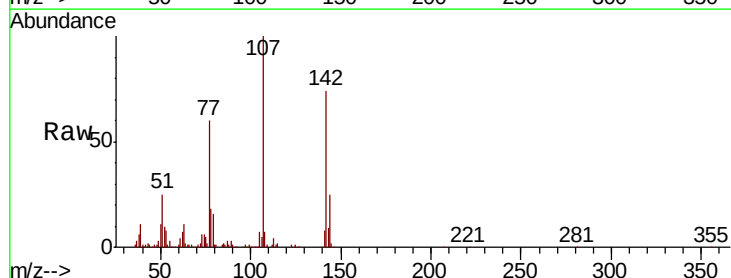
Tgt Ion:107 Resp: 214862

Ion Ratio Lower Upper

107 100

144 25.2 20.7 31.1

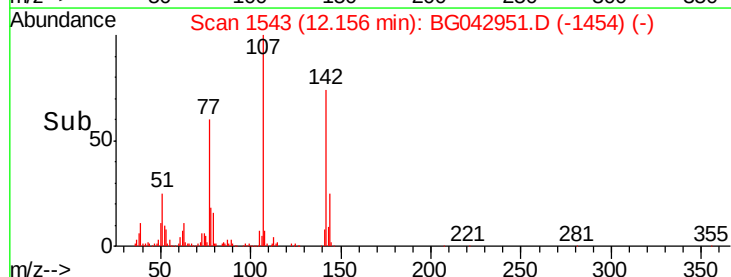
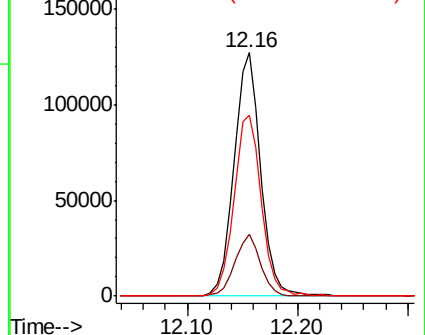
142 74.4 58.6 87.8

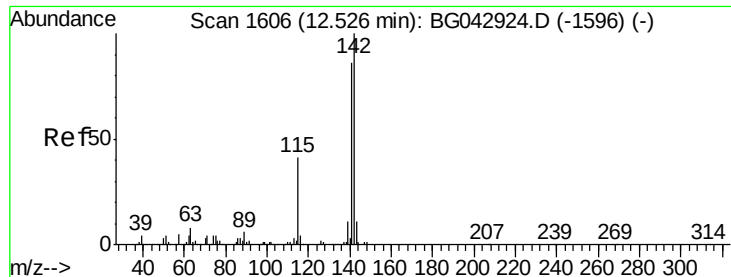


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

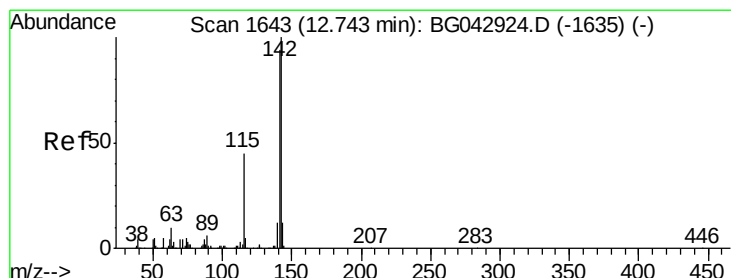
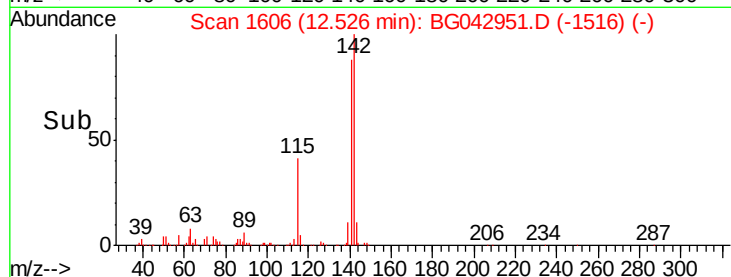
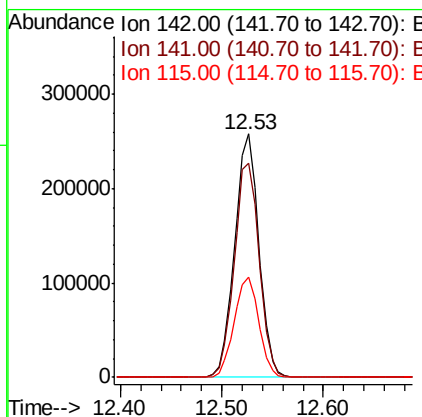
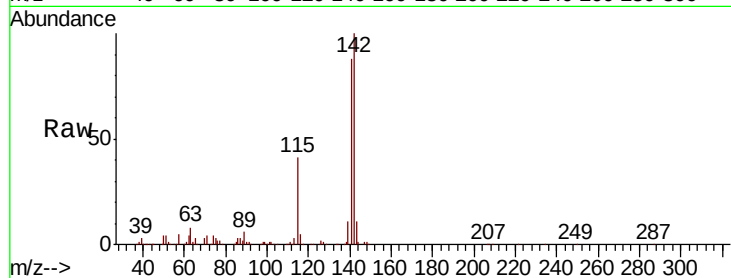




#37
 2-Methylnaphthalene
 Concen: 43.897 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

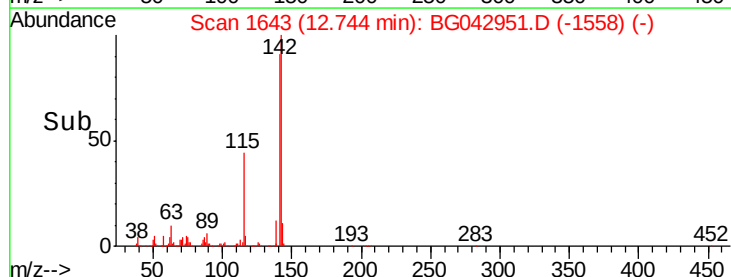
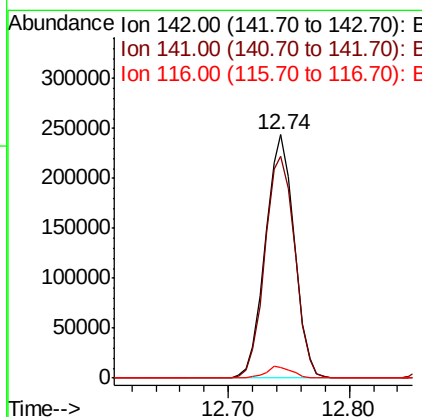
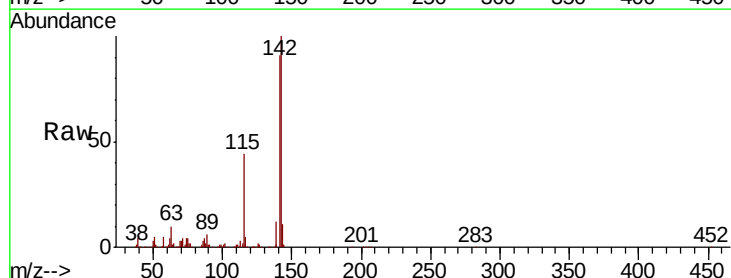
Instrument :
 BNA_G
 ClientSampleId :

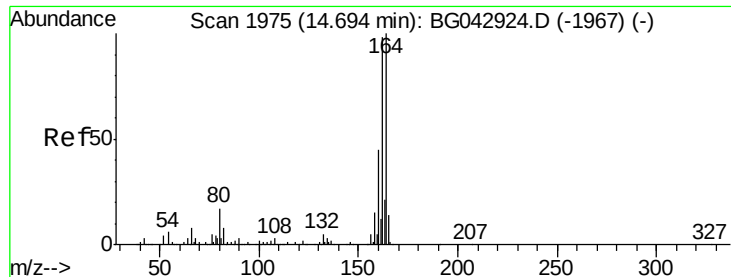
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.0	103.4
115	41.4	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 43.772 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.9	112.3
116	4.5	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

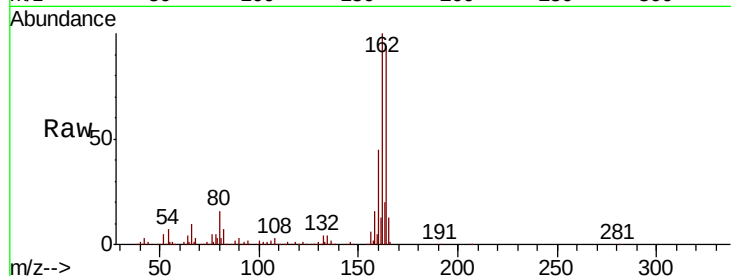
Tot Ion:164 Resp: 194952

Ion Ratio Lower Upper

164 100

162 106.1 78.5 117.7

160 47.4 35.9 53.9

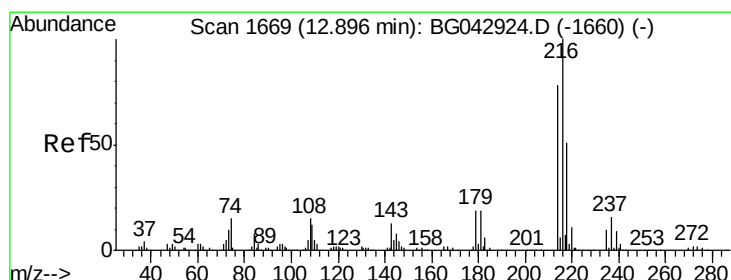
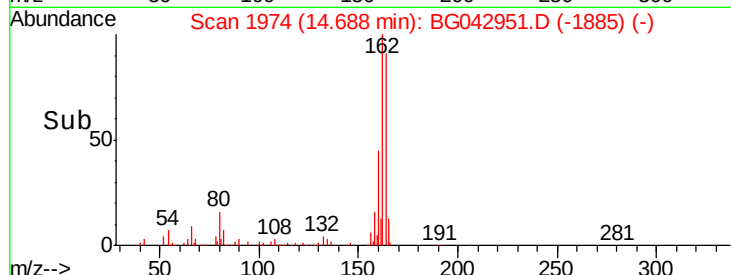
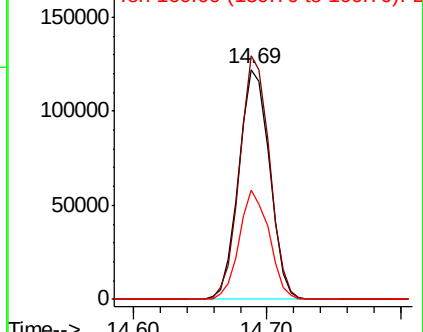


Abundance

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: 39.758 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:216 Resp: 291428

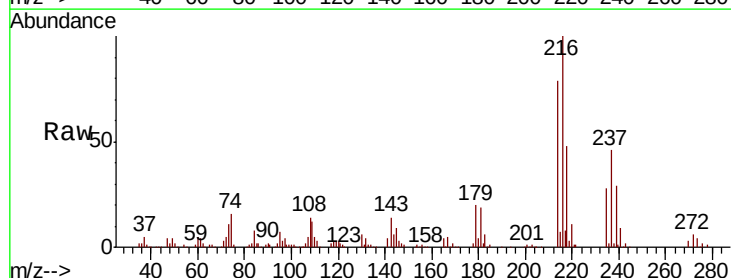
Ion Ratio Lower Upper

216 100

214 78.2 62.4 93.6

179 20.0 15.4 23.2

108 17.6 12.6 19.0



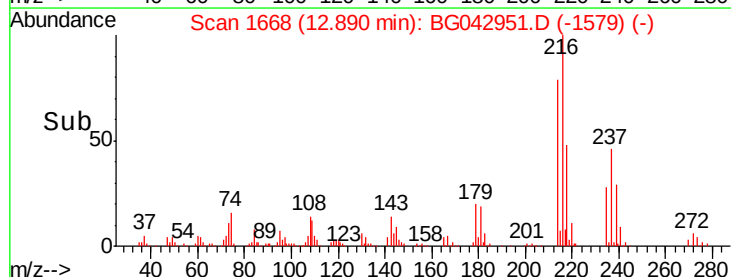
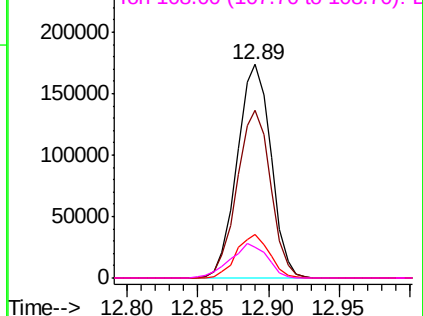
Abundance

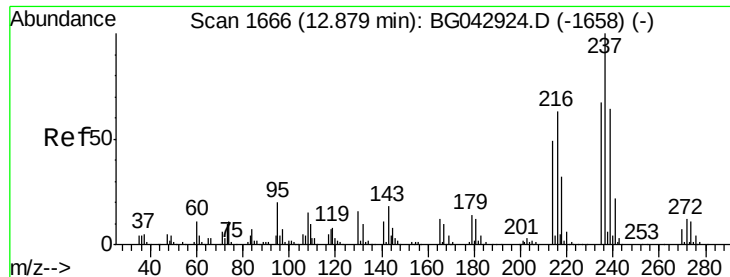
Ion 216.00 (215.70 to 216.70): E

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: 83.748 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

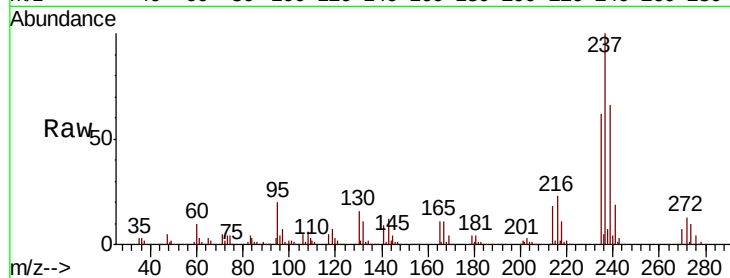
Tot Ion:237 Resp: 391135

Ion Ratio Lower Upper

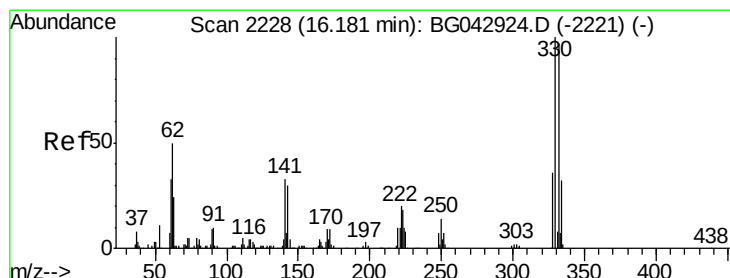
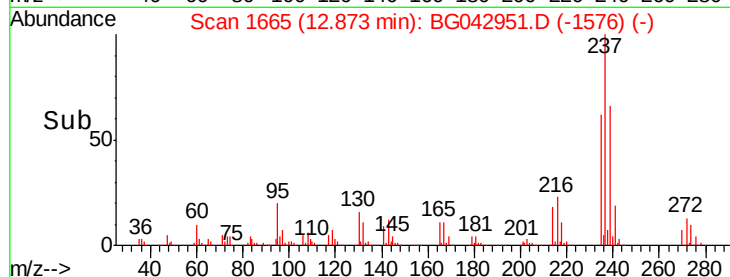
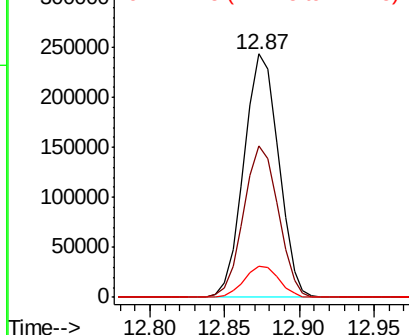
237 100

235 62.0 46.7 86.7

272 12.8 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: 110.165 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

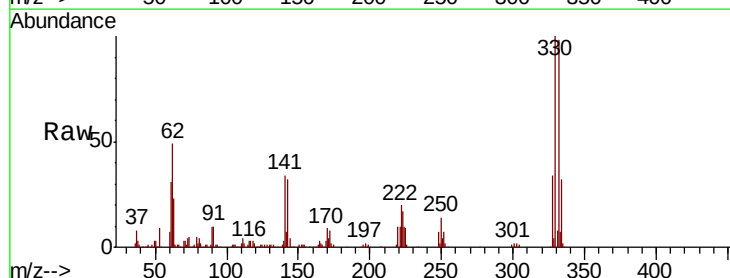
Tgt Ion:330 Resp: 369307

Ion Ratio Lower Upper

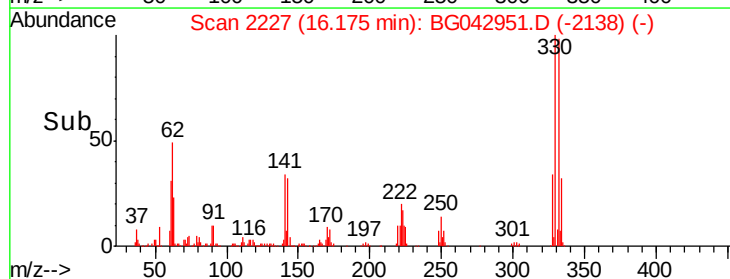
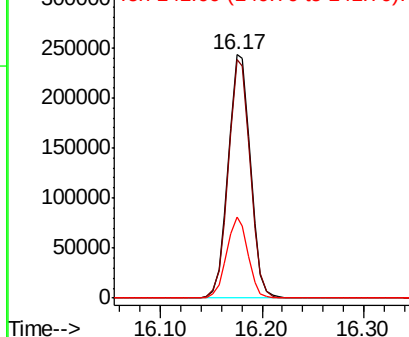
330 100

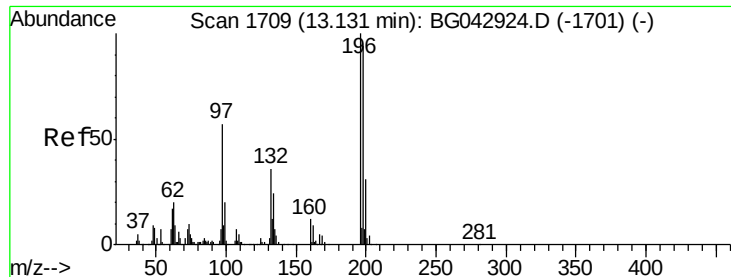
332 96.5 78.2 117.2

141 32.2 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

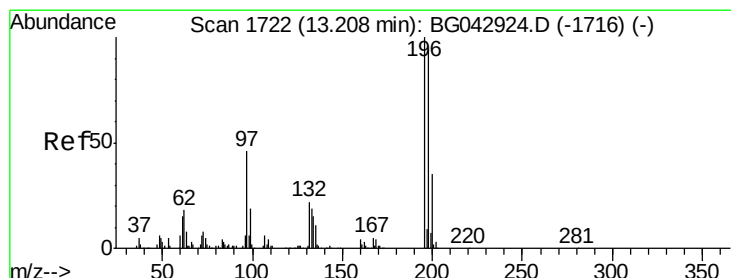
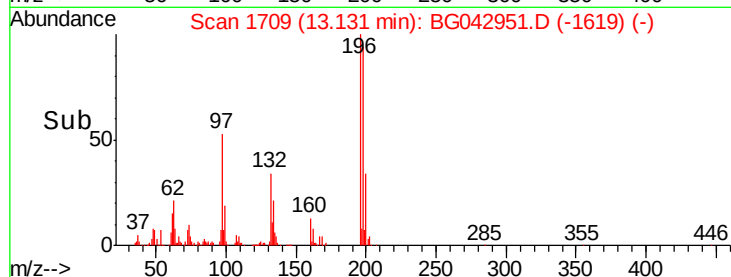
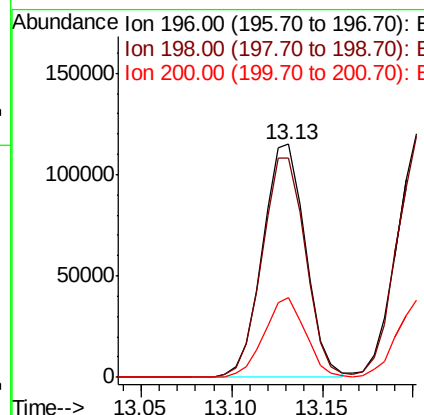
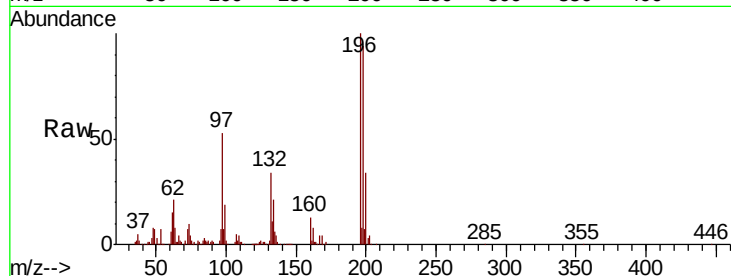




#43
 2,4,6-Trichlorophenol
 Concen: 44.076 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

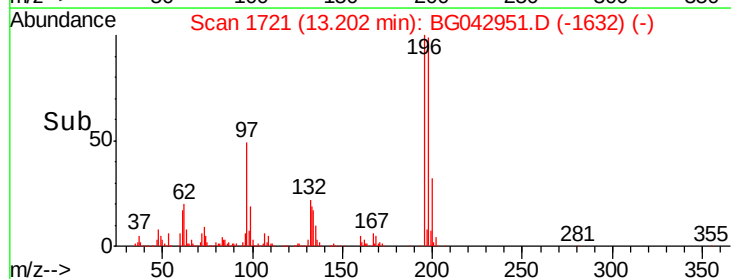
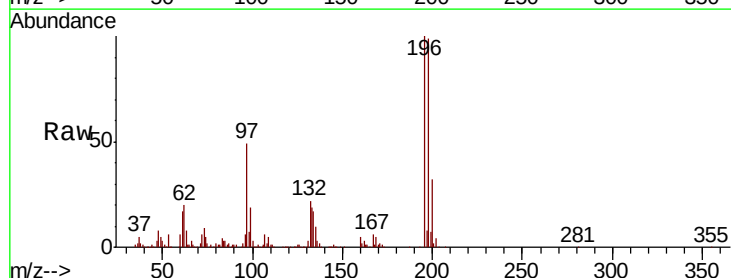
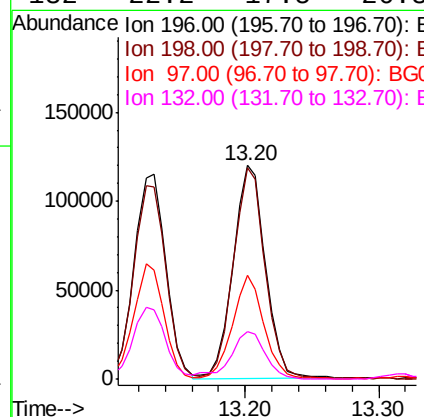
Instrument :
 BNA_G
 ClientSampleId :

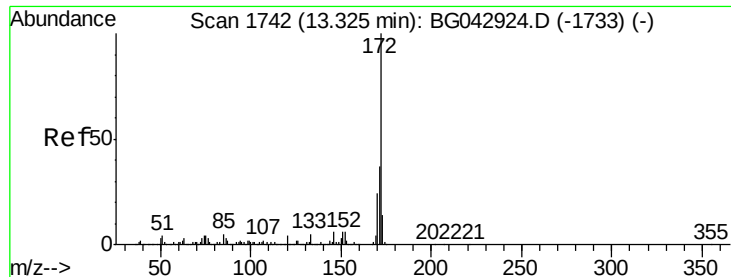
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.5	113.3
200	34.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.712 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	75.1	112.7
97	48.7	37.0	55.4
132	22.2	17.5	26.3

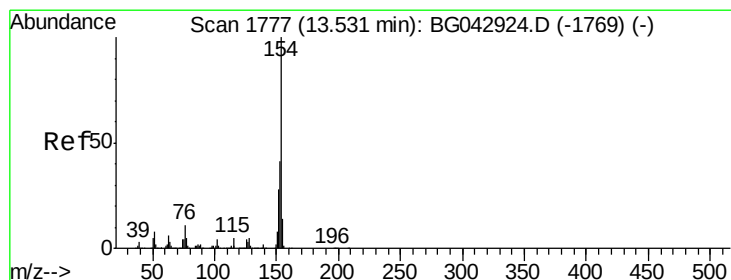
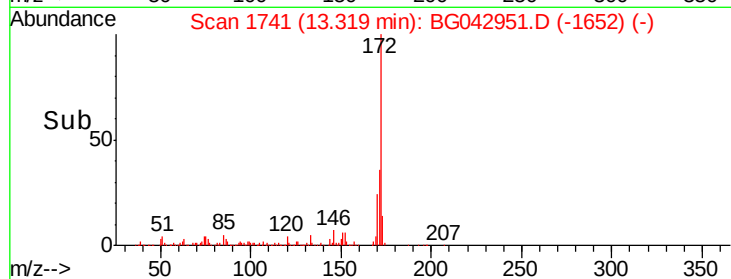
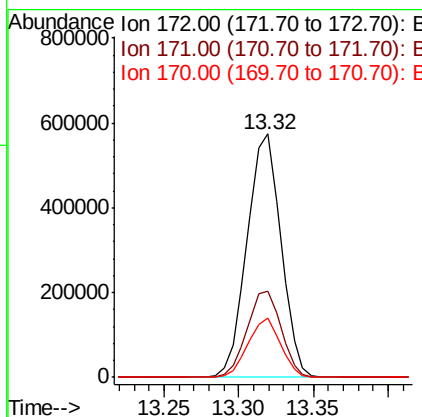
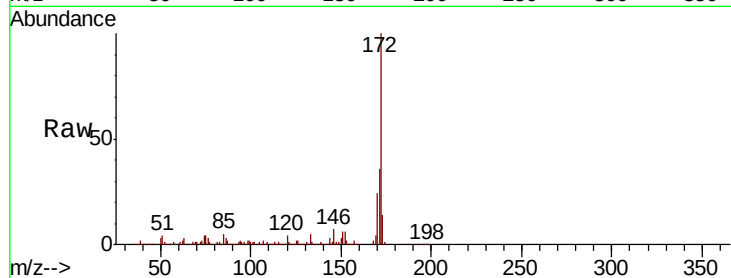




#45
2-Fluorobiphenyl
Concen: 66.957 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

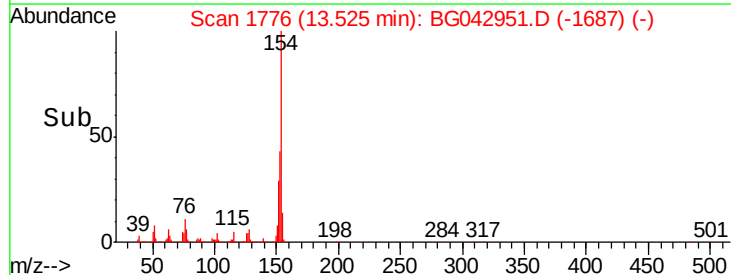
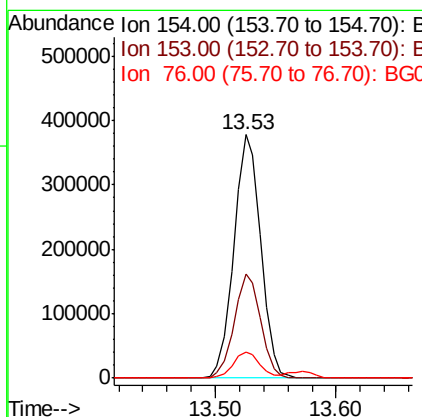
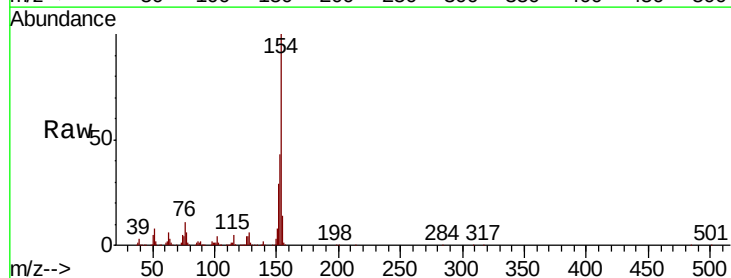
Instrument :
BNA_G
ClientSampleId :

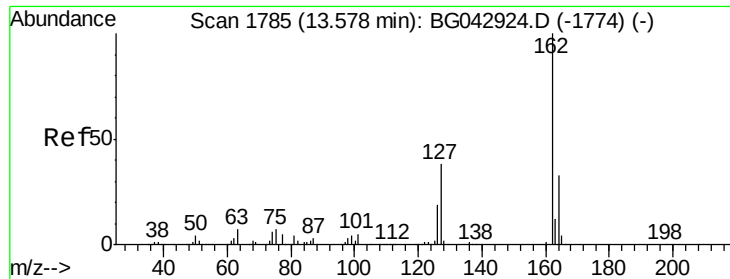
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.3	19.6	29.4



#46
1,1'-Biphenyl
Concen: 39.537 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.4	61.4
76	10.8	0.0	31.3

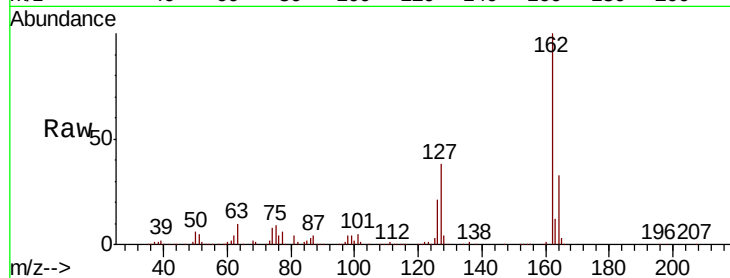




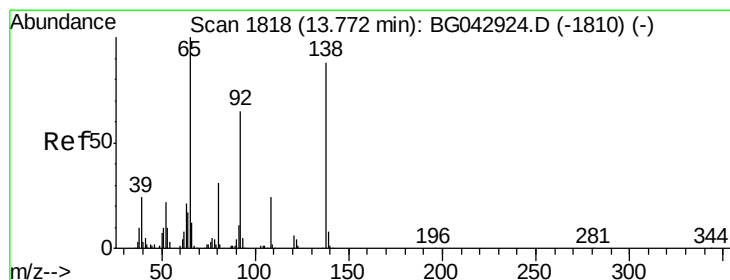
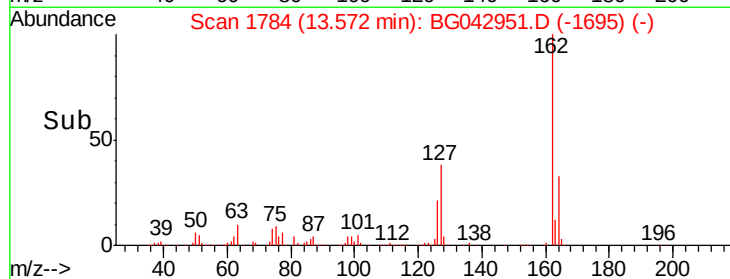
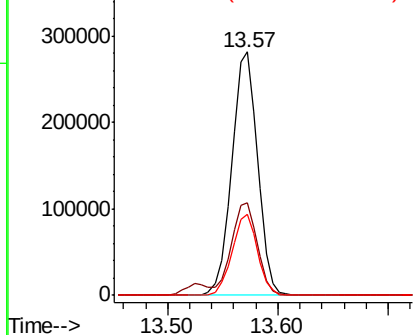
#47
 2-Chloronaphthalene
 Concen: 41.639 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.0	46.6
164	33.2	26.2	39.2

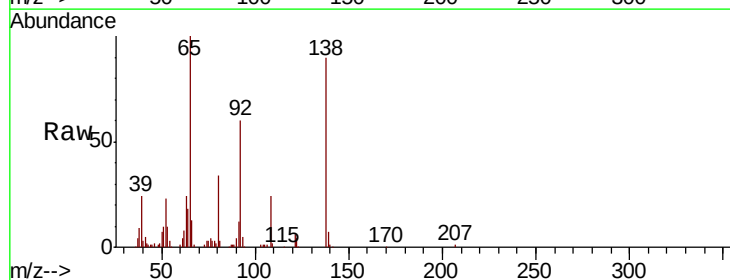


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

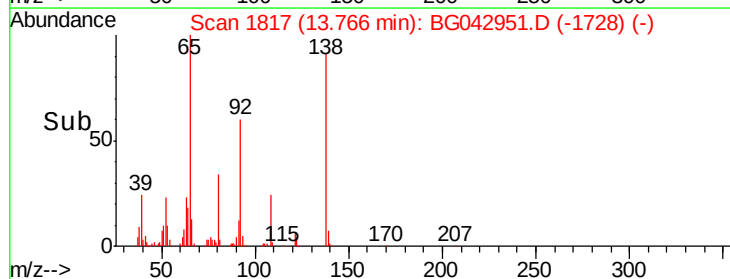
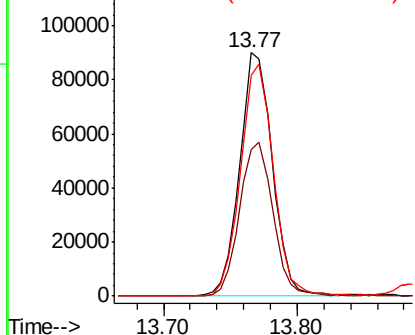


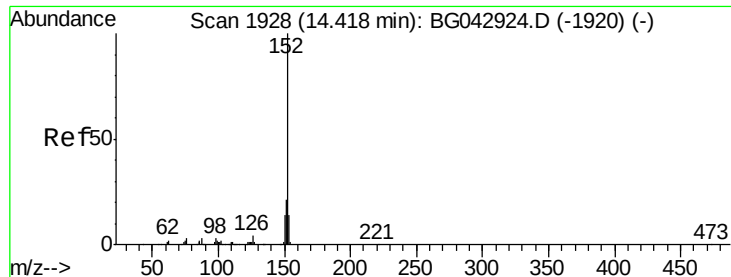
#48
 2-Nitroaniline
 Concen: 41.389 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.9	52.0	78.0
138	90.4	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: 43.890 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

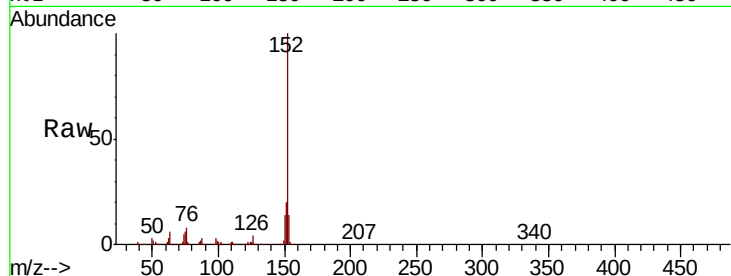
Tot Ion:152 Resp: 744414

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

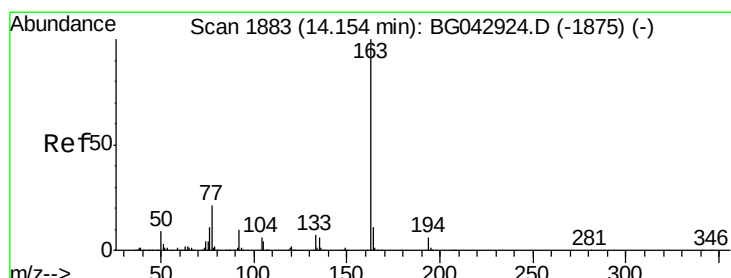
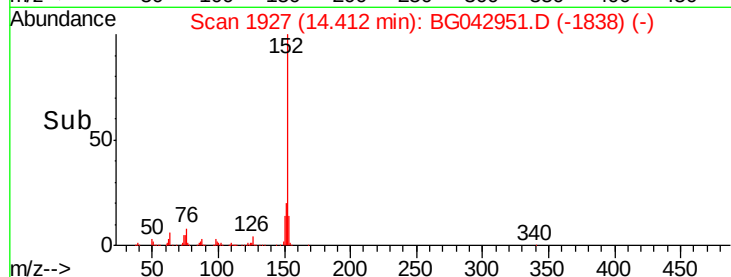
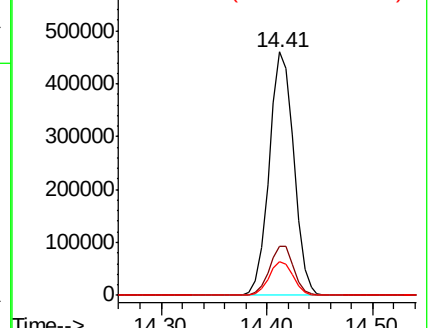
153 14.0 11.3 16.9



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: 41.610 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

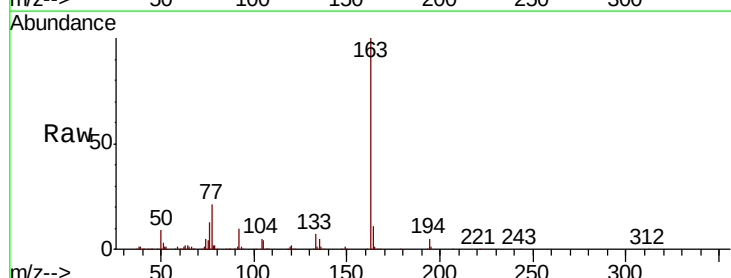
Tgt Ion:163 Resp: 607802

Ion Ratio Lower Upper

163 100

194 5.3 4.4 6.6

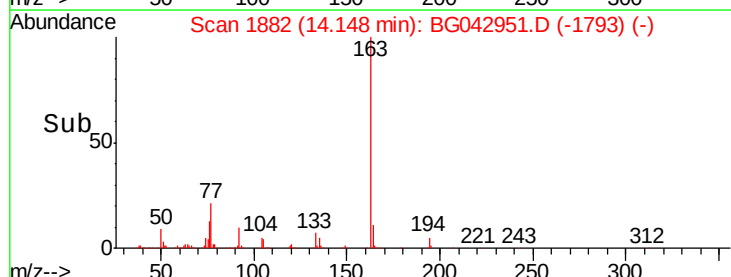
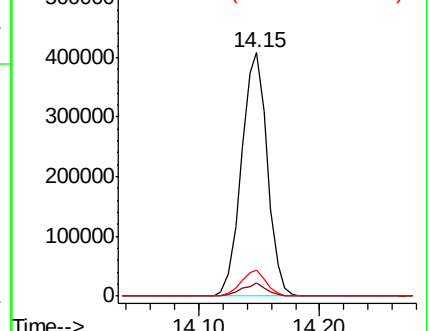
164 10.8 8.6 12.8

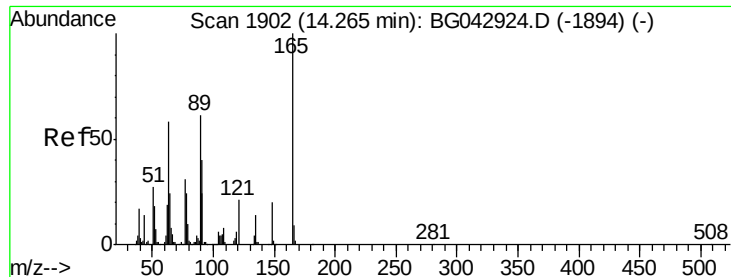


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

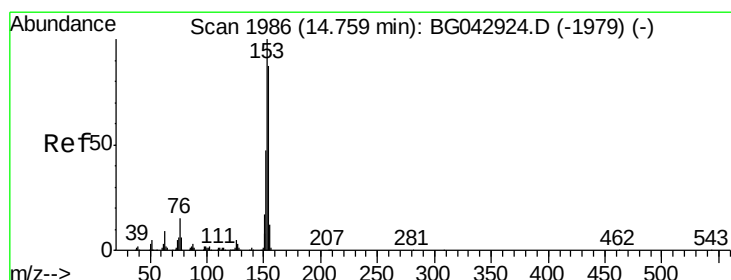
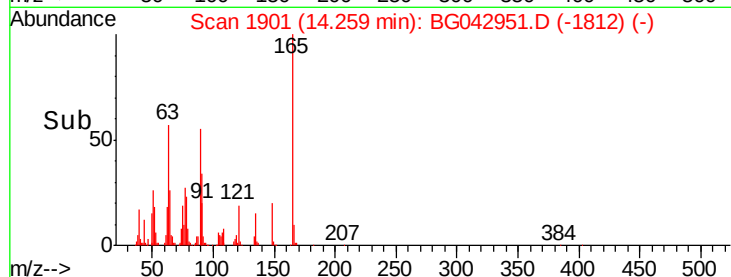
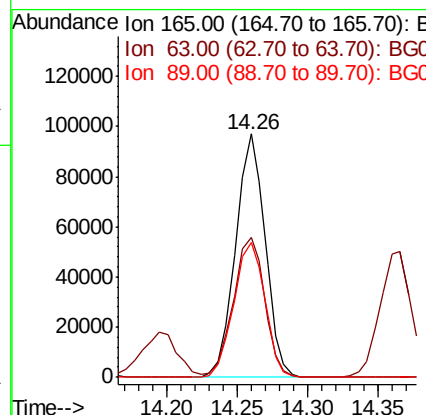
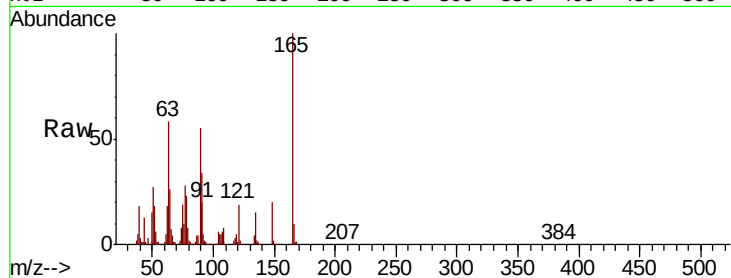




#51
 2,6-Dinitrotoluene
 Concen: 45.454 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

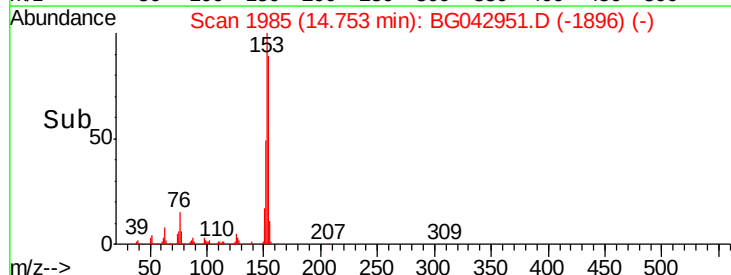
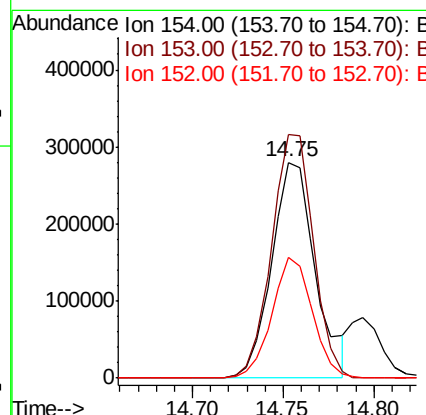
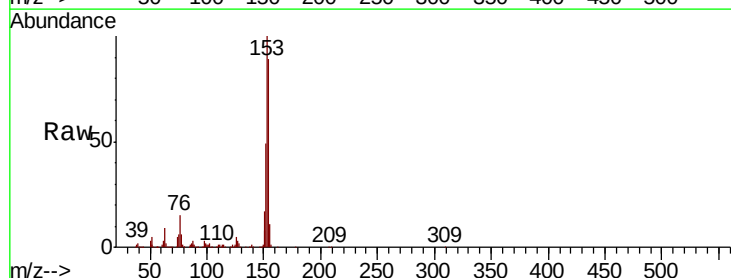
Instrument :
 BNA_G
 ClientSampleId :

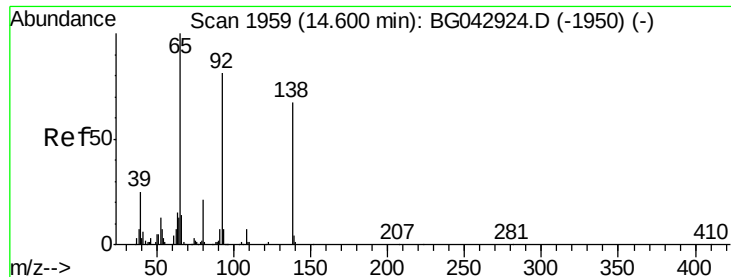
Tot Ion:165 Resp: 141392
 Ion Ratio Lower Upper
 165 100
 63 57.5 50.3 75.5
 89 55.2 48.9 73.3



#52
 Acenaphthene
 Concen: 41.244 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion:154 Resp: 468229
 Ion Ratio Lower Upper
 154 100
 153 112.9 91.4 137.0
 152 55.8 42.8 64.2





#53

3-Nitroaniline

Concen: 30.046 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

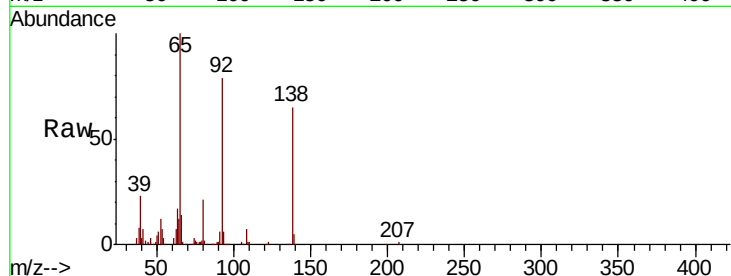
Tot Ion:138 Resp: 96590

Ion Ratio Lower Upper

138 100

108 10.5 7.9 11.9

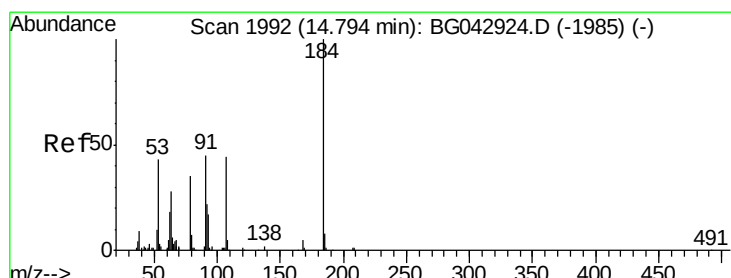
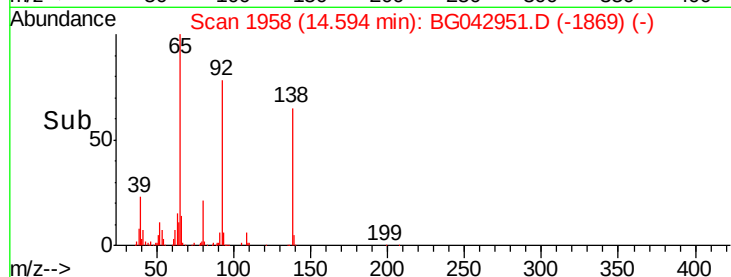
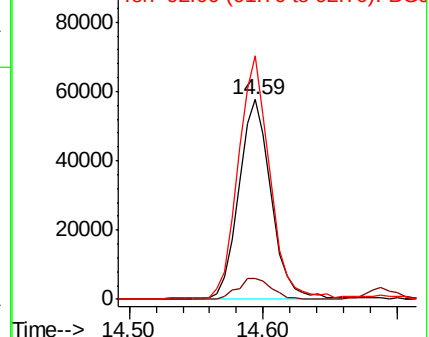
92 121.9 97.0 145.6



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: 94.676 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

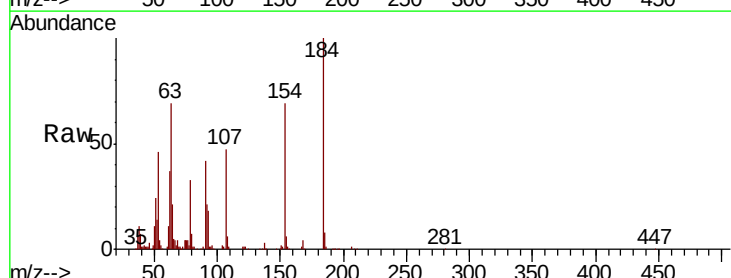
Tgt Ion:184 Resp: 183059

Ion Ratio Lower Upper

184 100

63 68.8 55.0 82.6

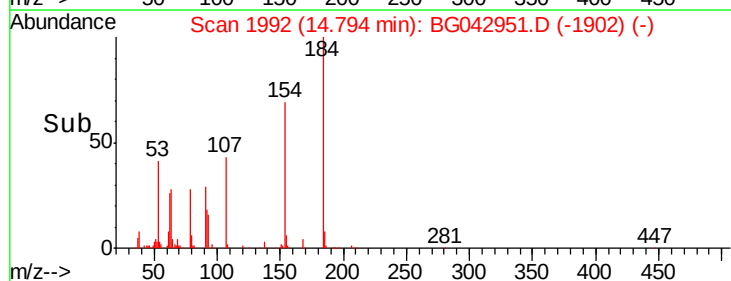
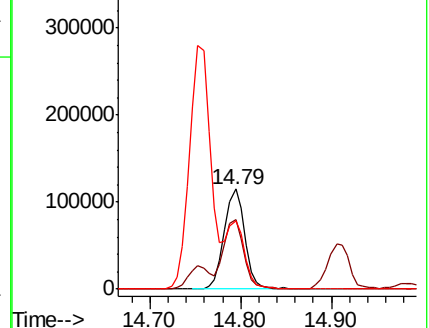
154 68.7 56.5 84.7

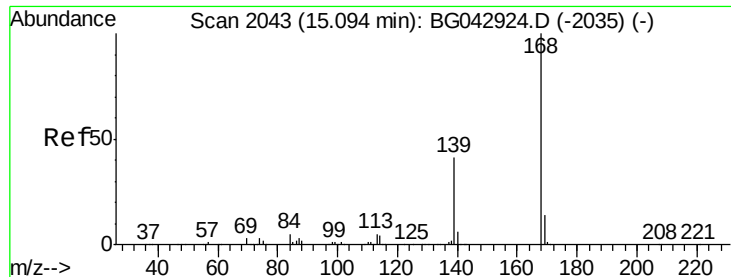


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

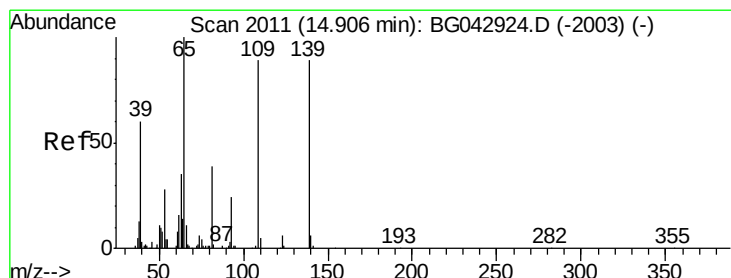
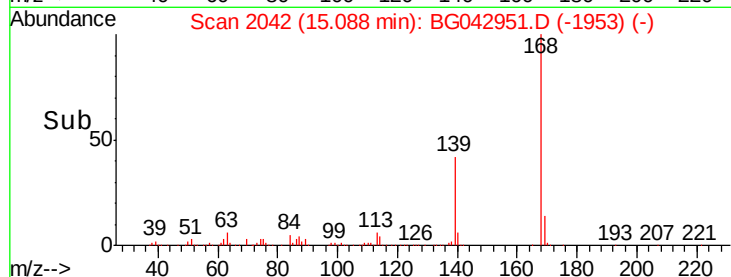
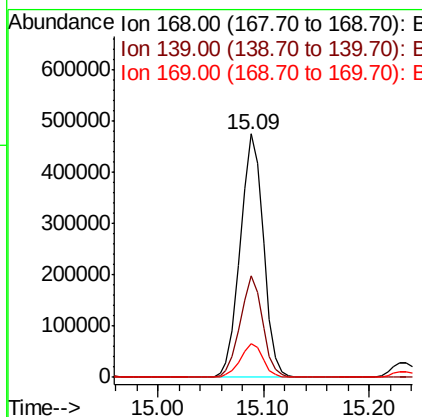
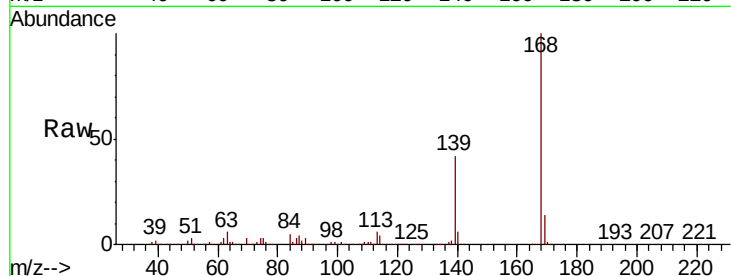




#55
Dibenzenofuran
Concen: 42.862 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

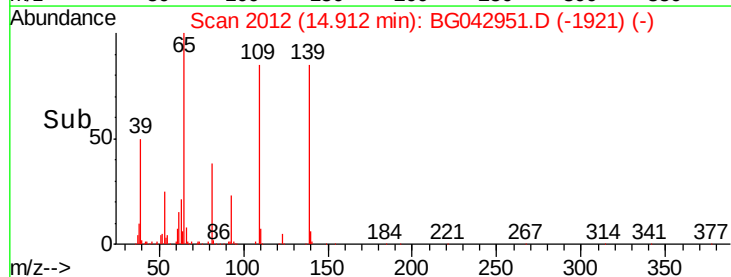
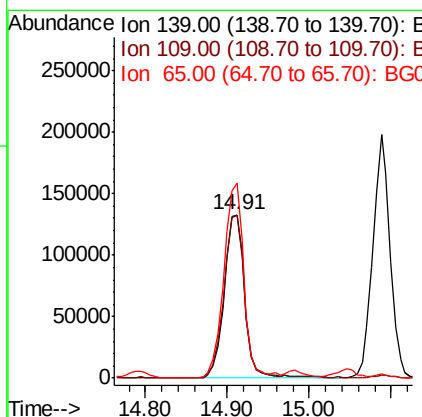
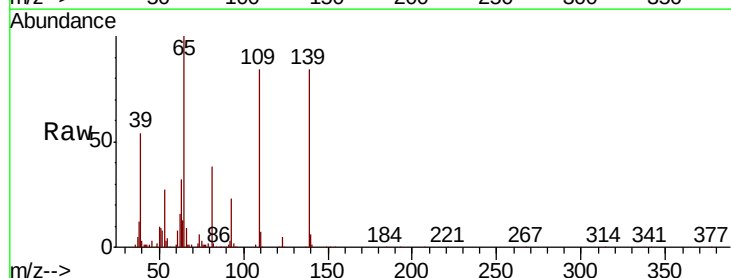
Instrument :
BNA_G
ClientSampleId :

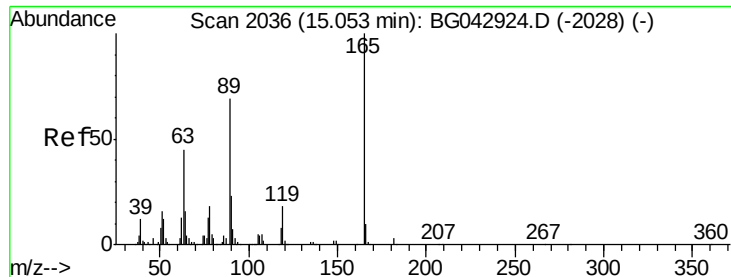
Tot Ion:168 Resp: 719808
Ion Ratio Lower Upper
168 100
139 41.7 32.6 48.8
169 14.0 11.2 16.8



#56
4-Nitrophenol
Concen: 94.760 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion:139 Resp: 232107
Ion Ratio Lower Upper
139 100
109 99.8 79.4 119.4
65 118.9 92.5 132.5

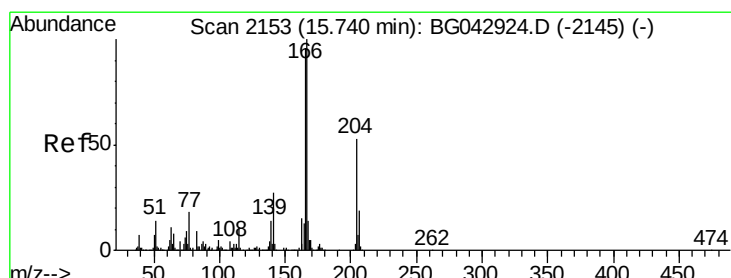
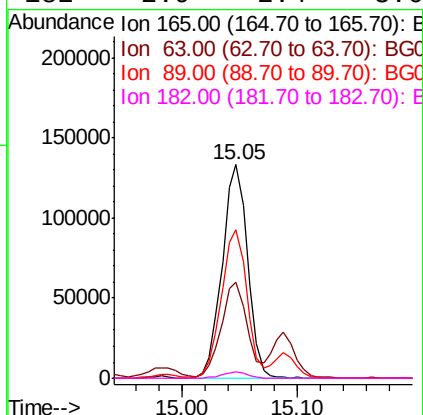
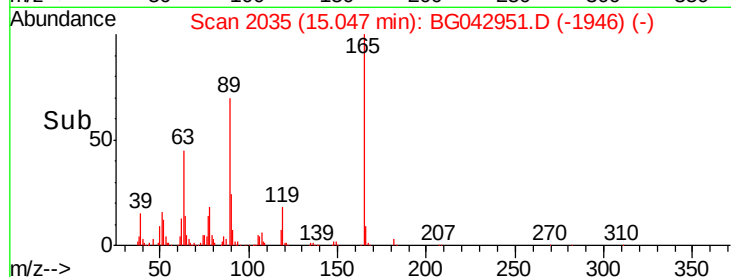
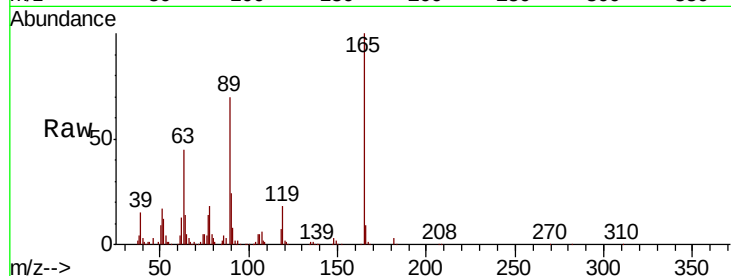




#57
2,4-Dinitrotoluene
Concen: 44.649 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

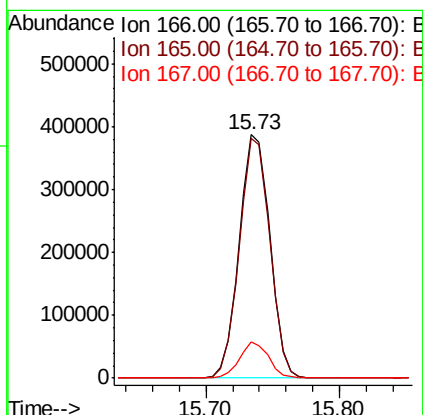
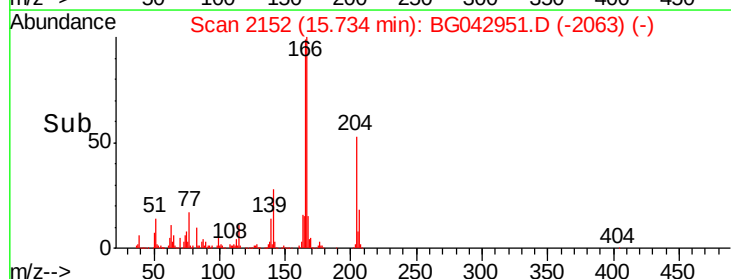
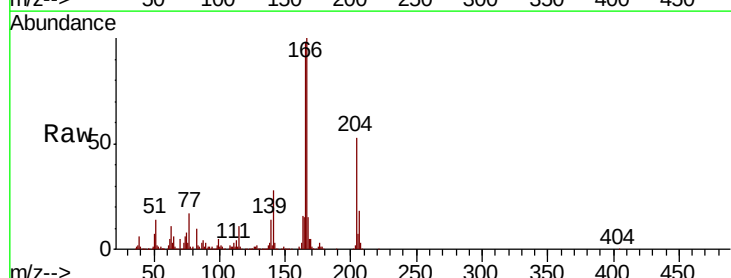
Instrument :
BNA_G
ClientSampleId :

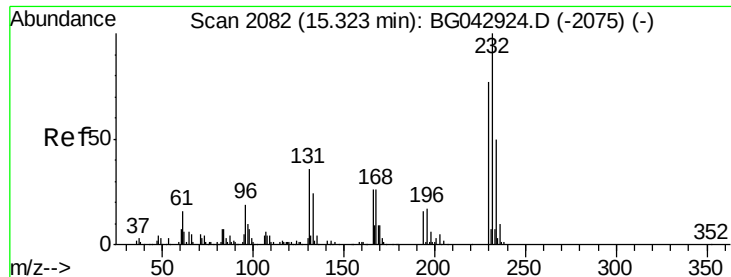
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.7	36.5	54.7
89	69.5	55.5	83.3
182	2.9	2.4	3.6



#58
Fluorene
Concen: 42.938 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.1	115.7
167	14.8	11.0	16.6

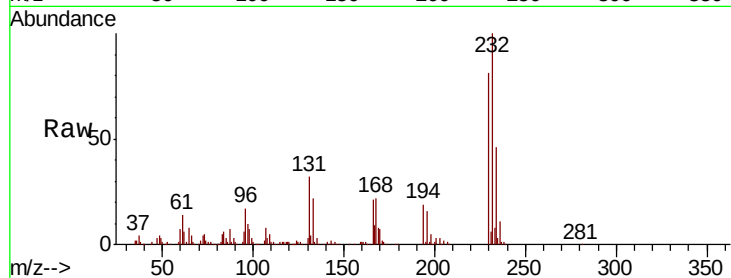




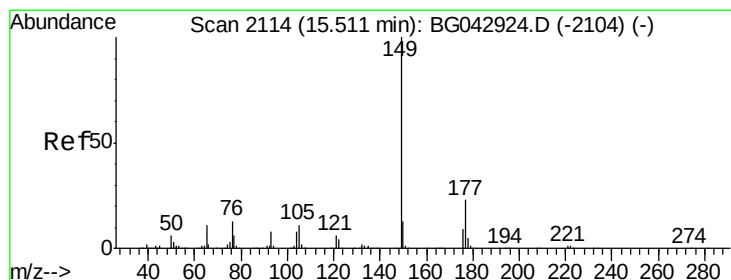
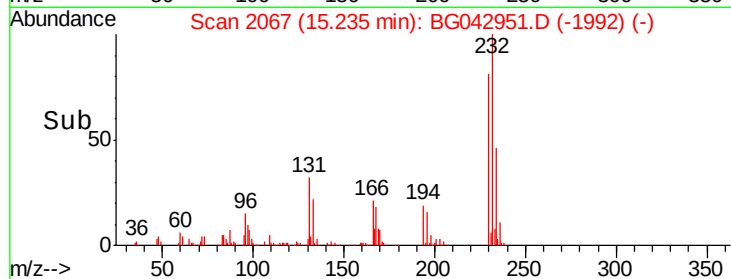
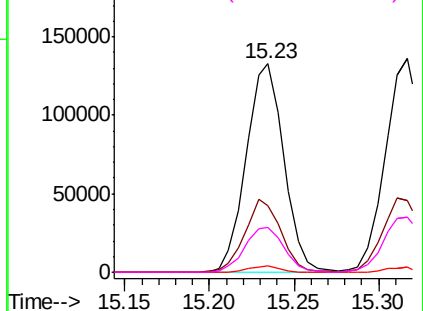
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.803 ng
RT: 15.23 min Scan# 2067
Delta R.T. -0.09 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	206130
Ion	Ratio	Lower	Upper
232	100		
131	33.7	29.6	44.4
130	2.5	1.9	2.9
166	22.3	21.8	32.8

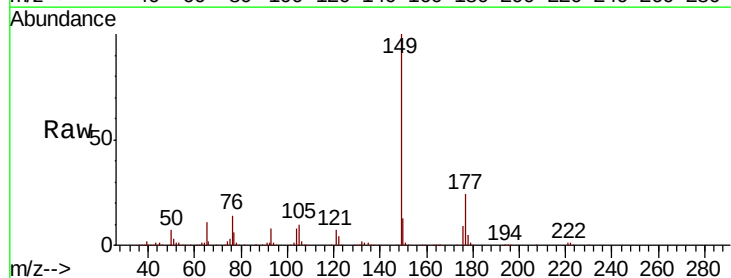


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

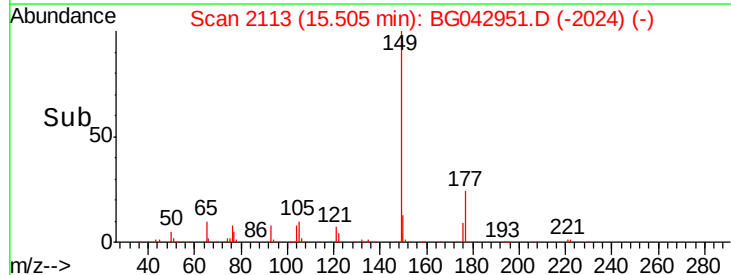
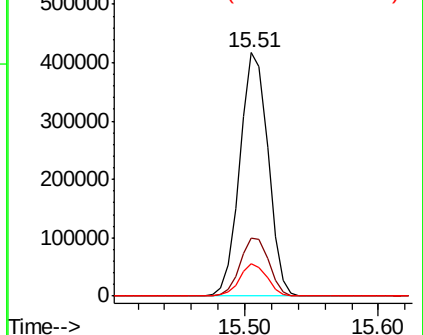


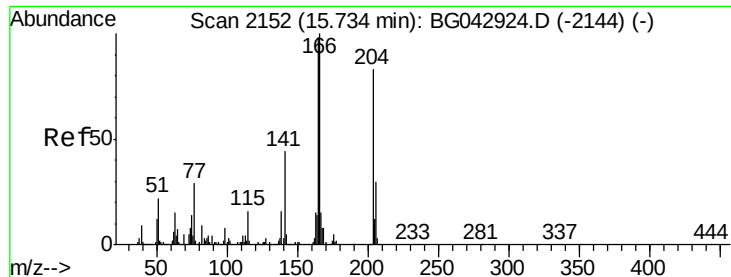
#60
Diethylphthalate
Concen: 40.980 ng
RT: 15.51 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion:	149	Resp:	609201
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.8	28.2
150	13.2	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

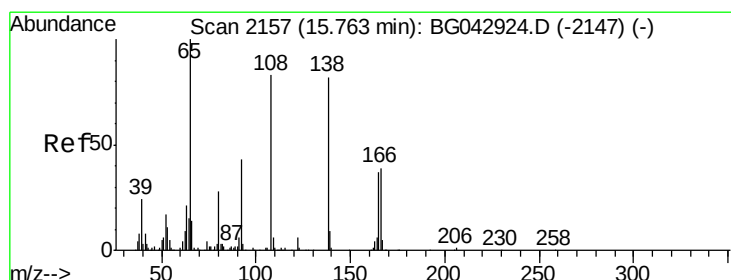
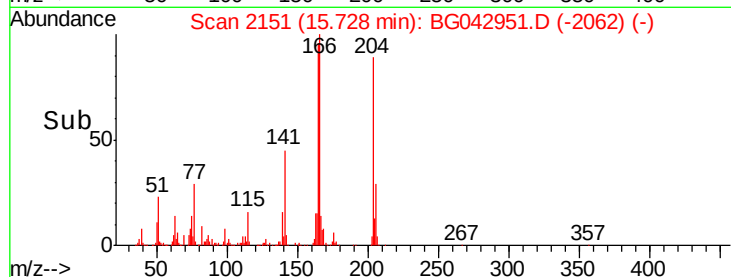
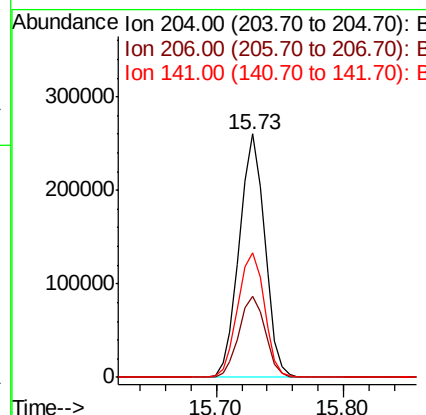
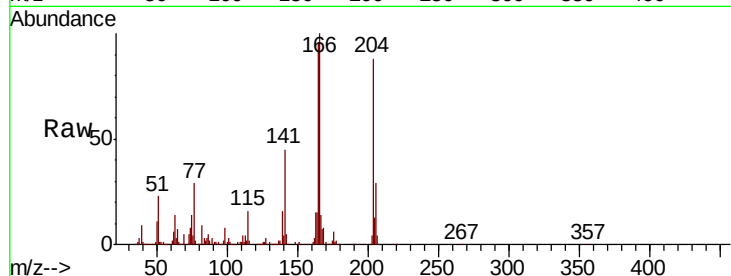




#61
 4-Chlorophenyl-phenylether
 Concen: 42.241 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

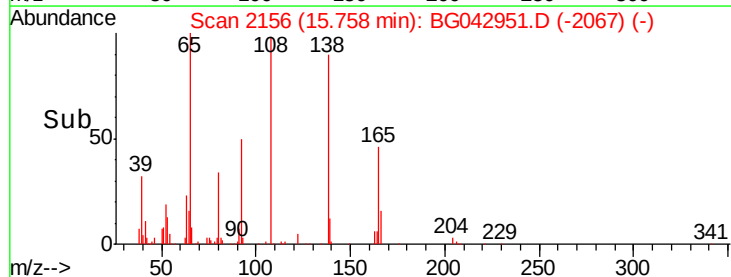
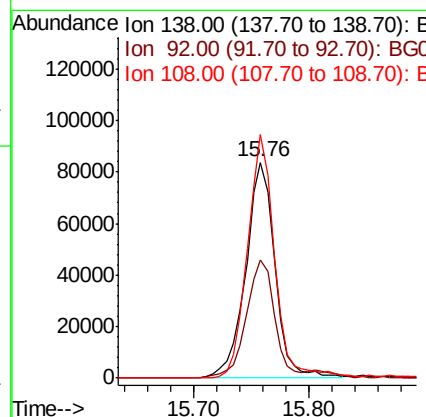
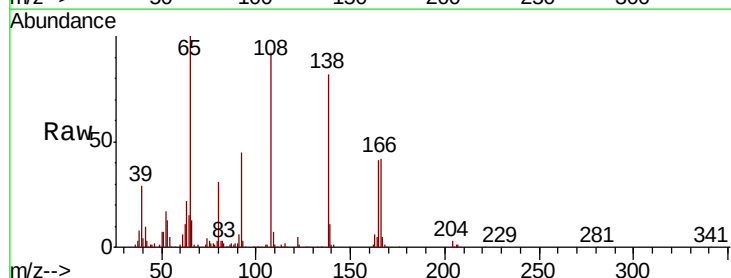
Instrument :
 BNA_G
 ClientSampleId :

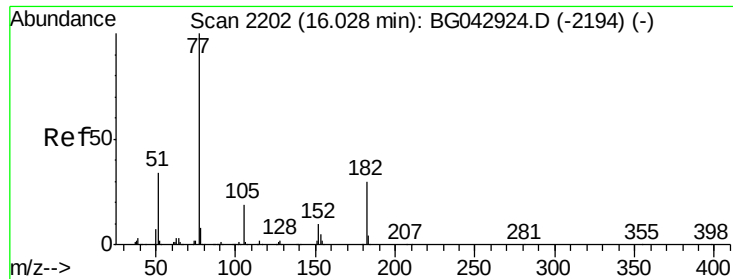
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	28.5	42.7
141	51.0	42.4	63.6



#62
 4-Nitroaniline
 Concen: 42.084 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.9	32.9	72.9
108	112.8	81.3	121.3





#63

Azobenzene

Concen: 42.420 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 574114

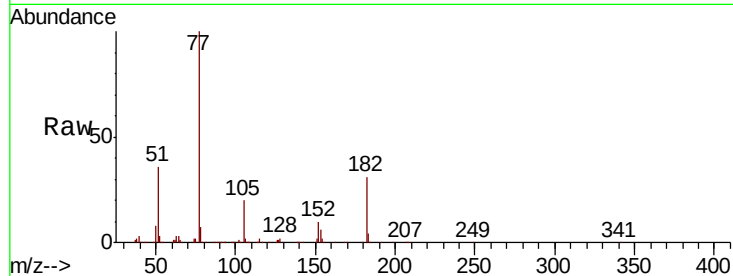
Ion Ratio Lower Upper

77 100

182 30.5 10.2 50.2

105 19.6 0.0 39.1

51 35.6 13.9 53.9

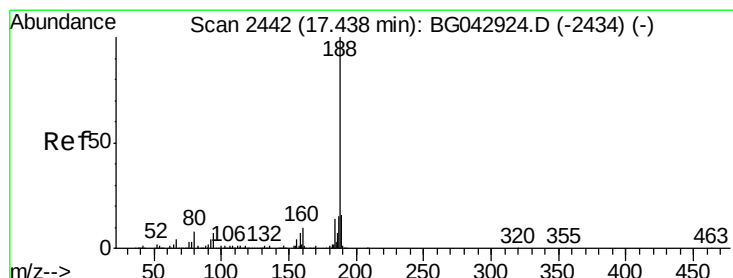
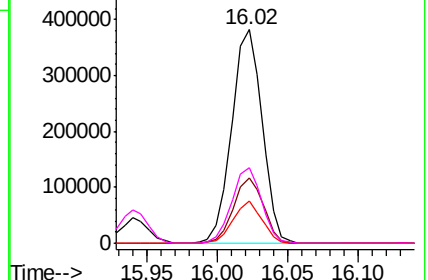
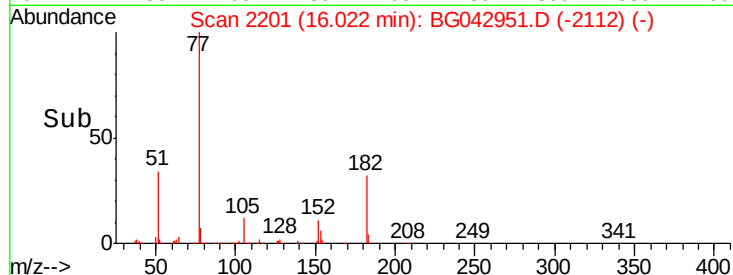


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

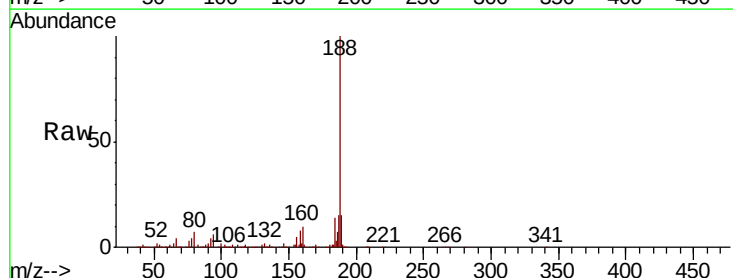
Tgt Ion: 188 Resp: 477879

Ion Ratio Lower Upper

188 100

94 5.9 5.7 8.5

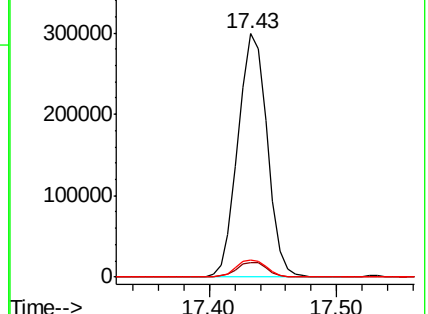
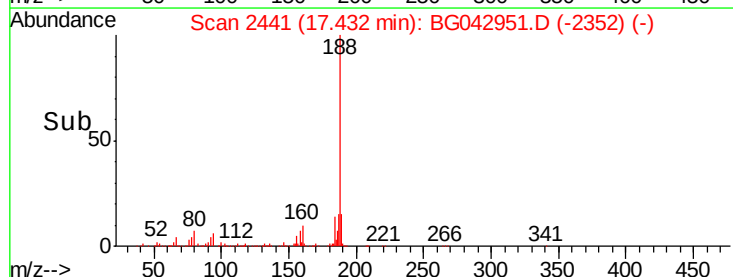
80 6.9 6.5 9.7

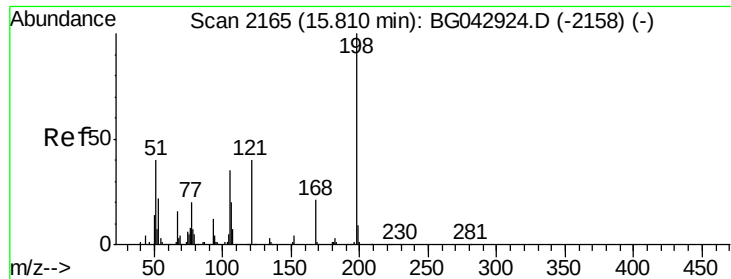


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

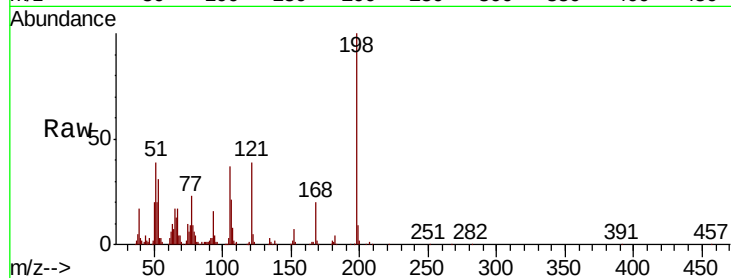




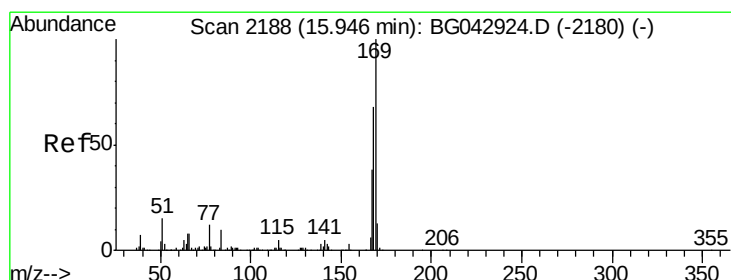
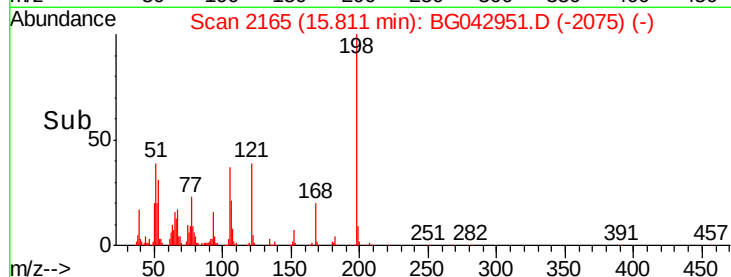
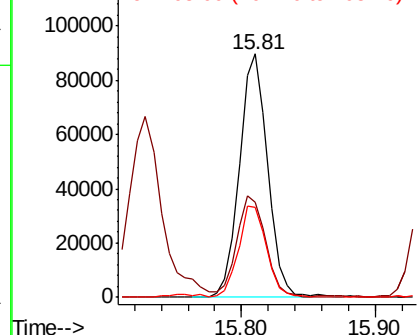
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.619 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 131474
 Ion Ratio Lower Upper
 198 100
 51 39.3 25.3 65.3
 105 37.1 16.6 56.6

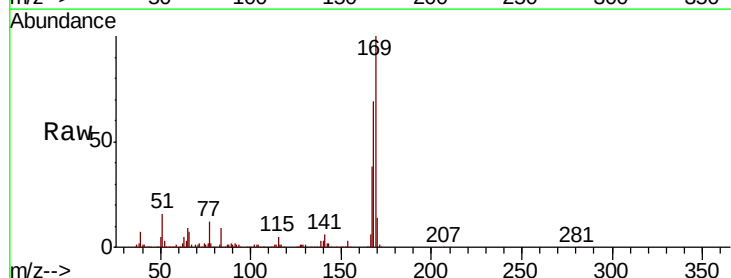


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

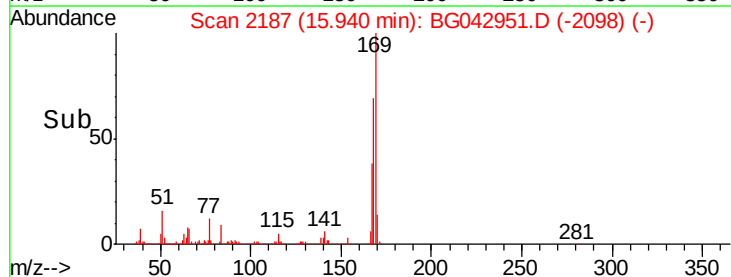
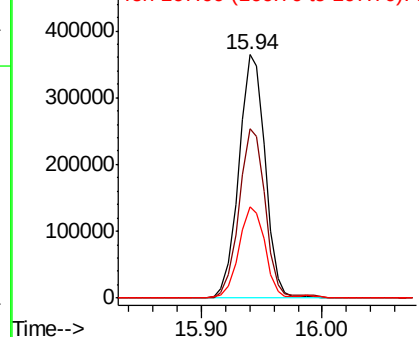


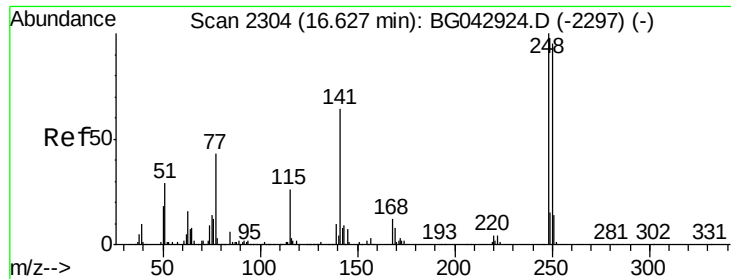
#66
 n-Nitrosodiphenylamine
 Concen: 43.730 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion:169 Resp: 551675
 Ion Ratio Lower Upper
 169 100
 168 69.3 54.8 82.2
 167 37.6 30.6 46.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

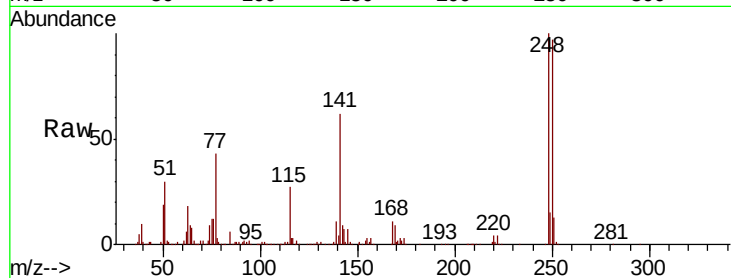




#67
4-Bromophenyl-phenylether
Concen: 41.912 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	75.8	113.8
141	62.0	51.1	76.7

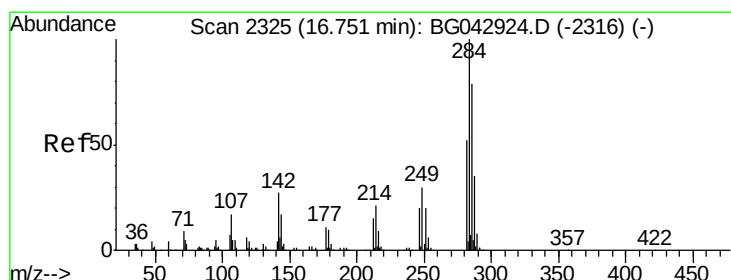
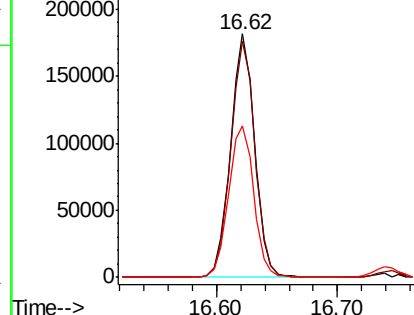
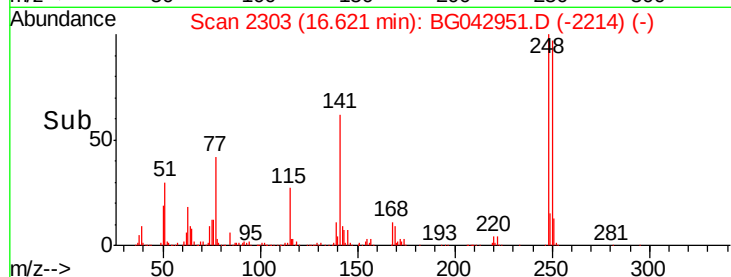


Abundance

Ion 248.00 (247.70 to 248.70): E

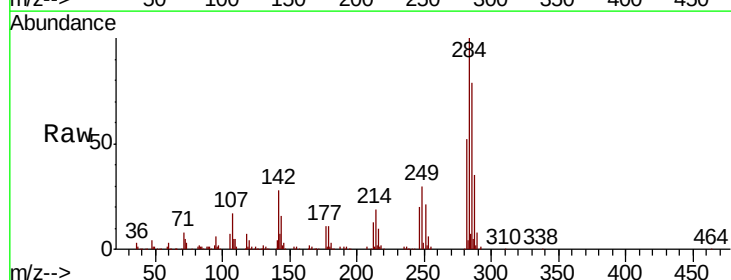
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.918 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.7	21.6	32.4
249	29.5	24.1	36.1

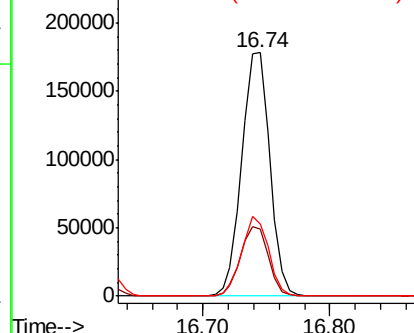
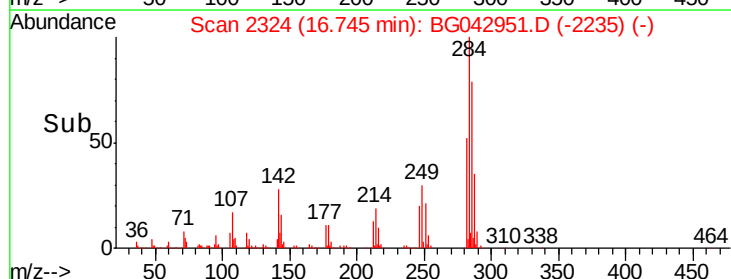


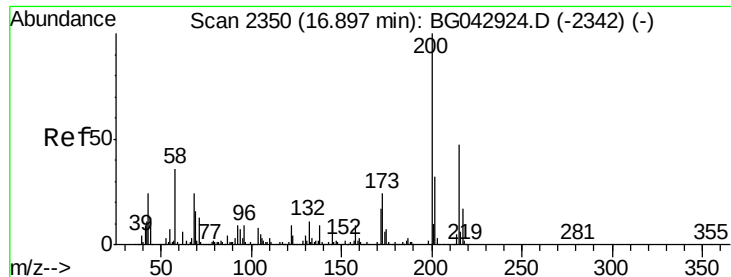
Abundance

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

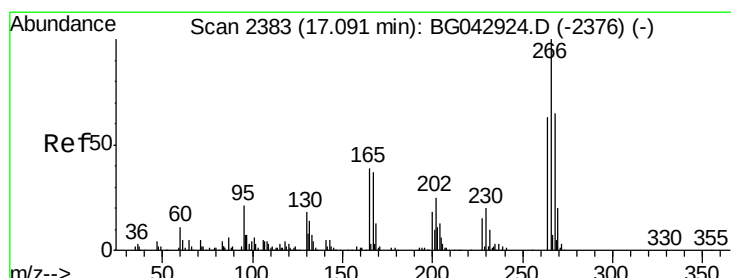
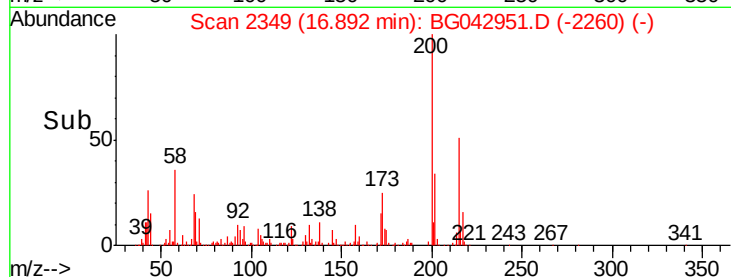
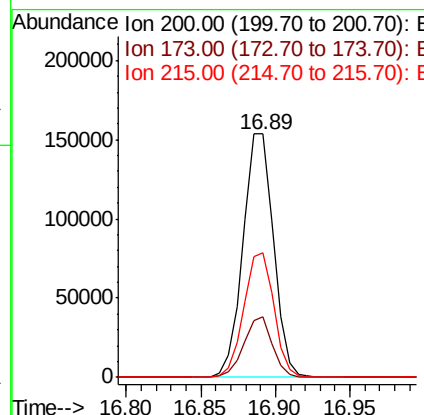
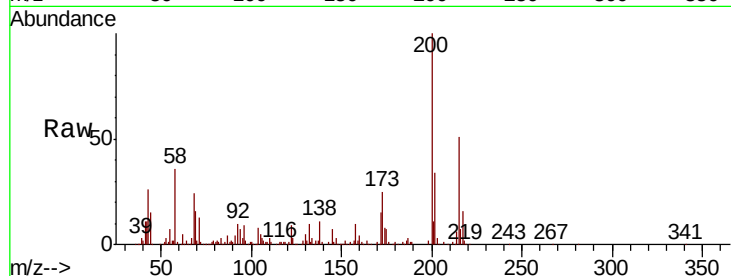




#69
 Atrazine
 Concen: 41.133 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

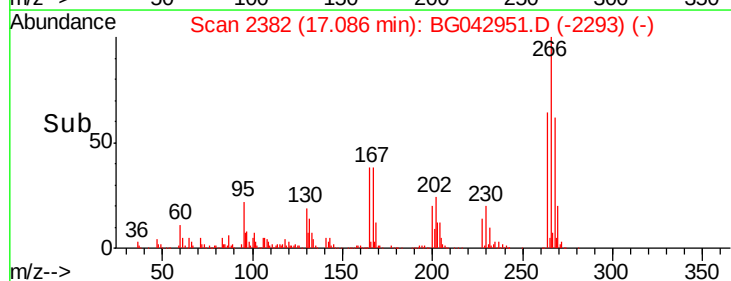
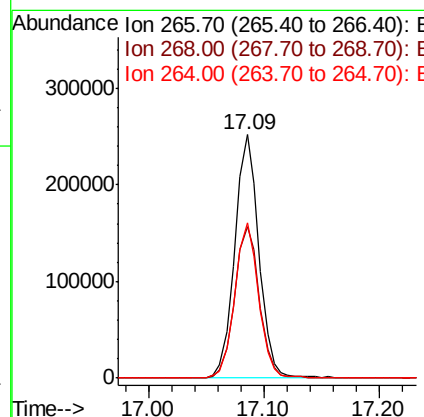
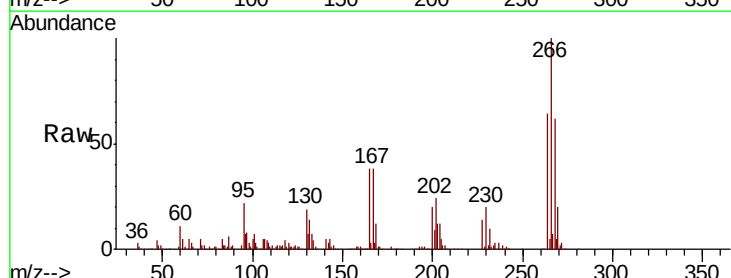
Instrument :
 BNA_G
 ClientSampleId :

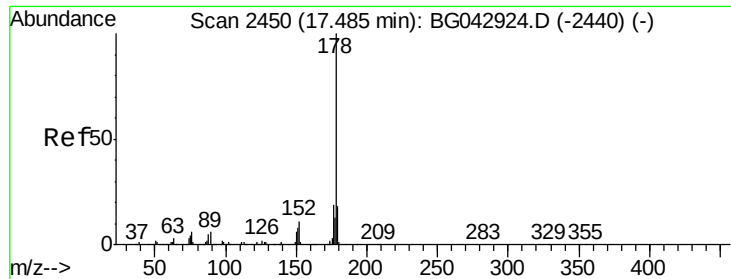
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	4.0	44.0
215	50.9	27.4	67.4



#70
 Pentachlorophenol
 Concen: 94.393 ng
 RT: 17.09 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.2	78.2
264	64.0	50.7	76.1





#71

Phenanthrene

Concen: 42.729 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

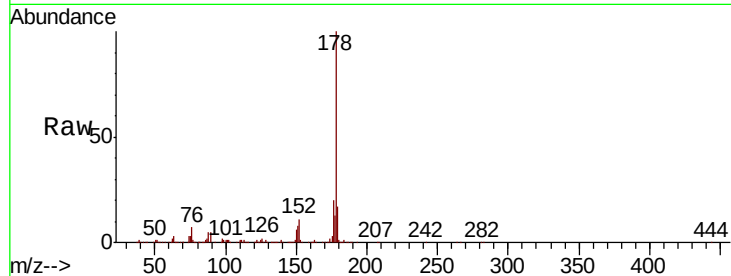
Tot Ion:178 Resp: 996885

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

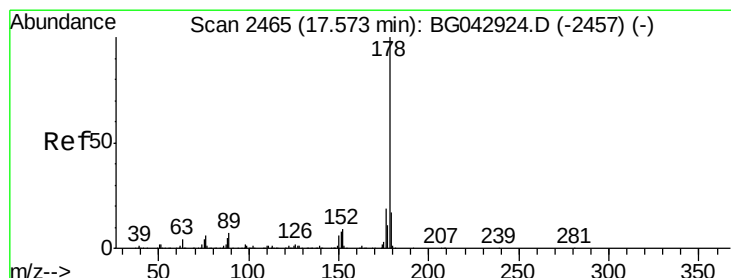
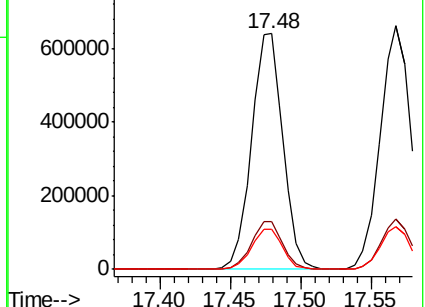
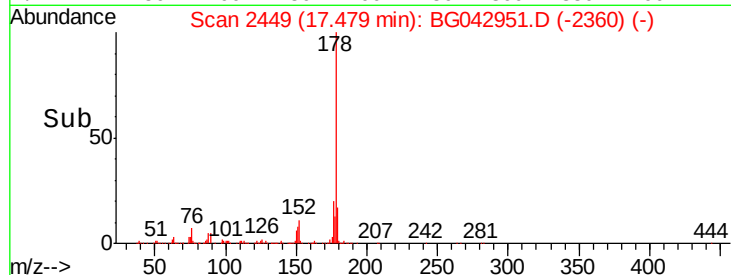
179 16.9 14.1 21.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.229 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

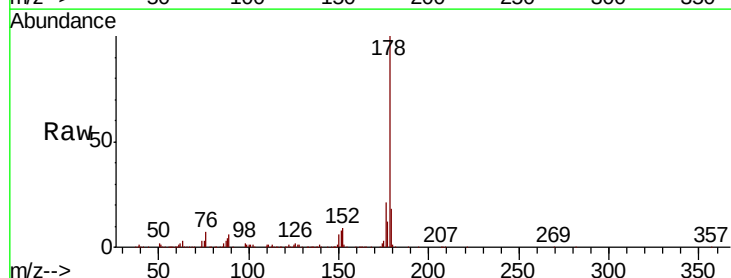
Tgt Ion:178 Resp: 1006853

Ion Ratio Lower Upper

178 100

176 20.6 15.5 23.3

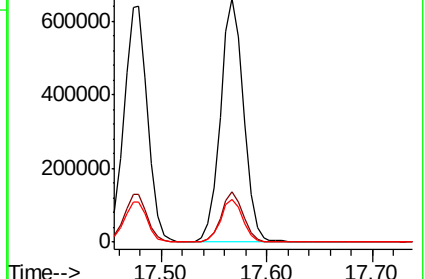
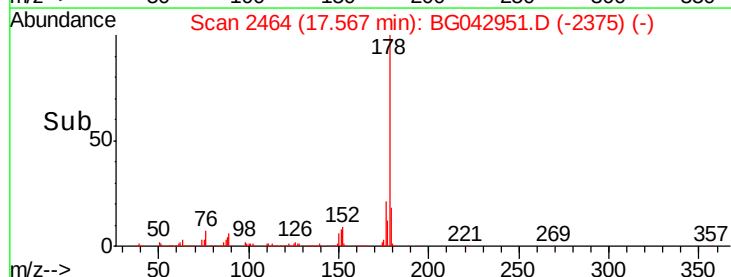
179 17.8 13.5 20.3

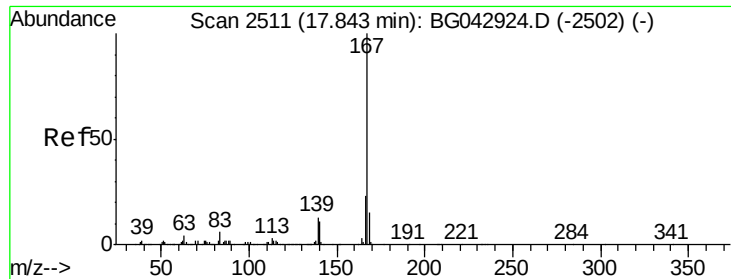


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

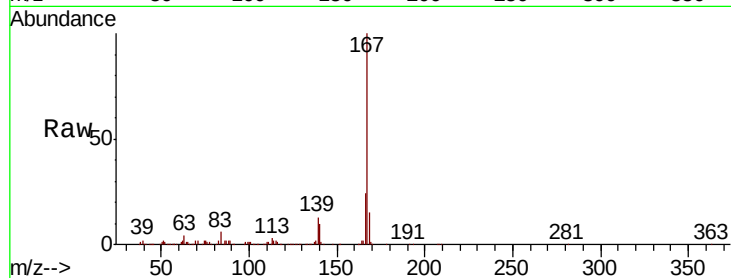




#73
 Carbazole
 Concen: 43.787 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.6	28.0
139	12.8	10.8	16.2

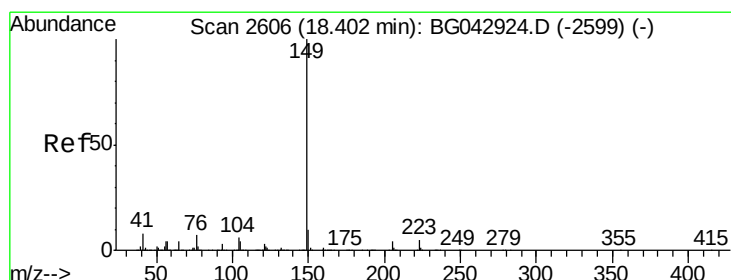
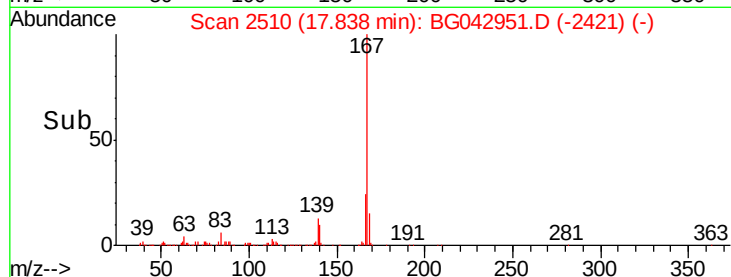
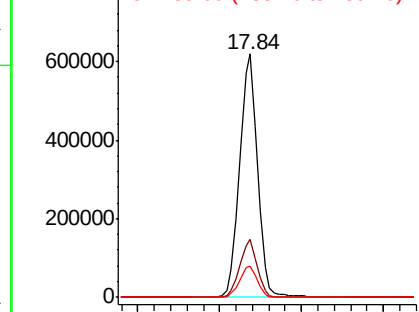


Abundance

Ion 167.00 (166.70 to 167.70): E

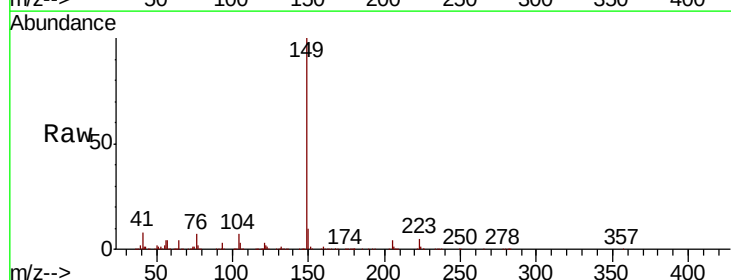
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 41.967 ng
 RT: 18.40 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BG042951.D
 Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.6	5.0	7.6

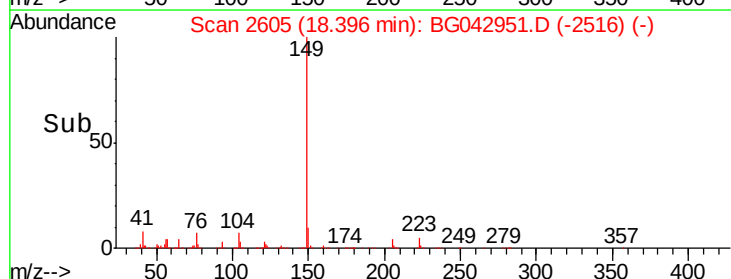
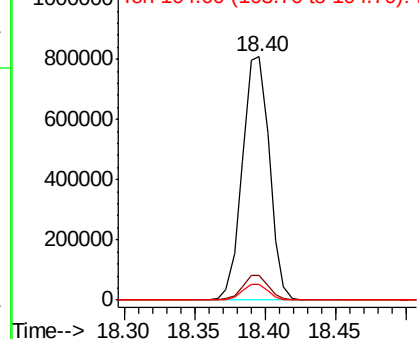


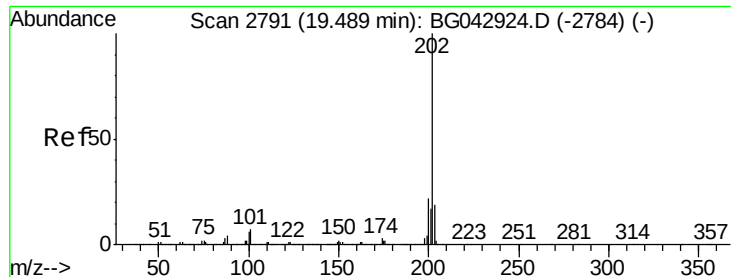
Abundance

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: 43.006 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

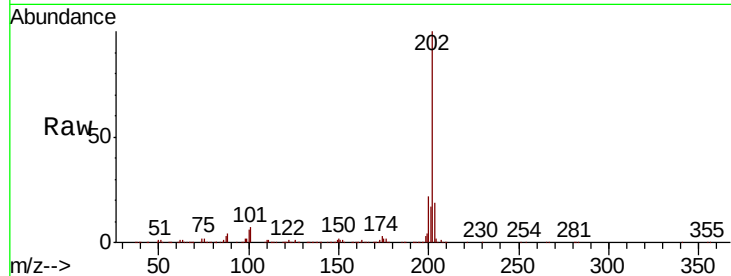
Tot Ion:202 Resp: 1327087

Ion Ratio Lower Upper

202 100

101 7.0 0.0 27.3

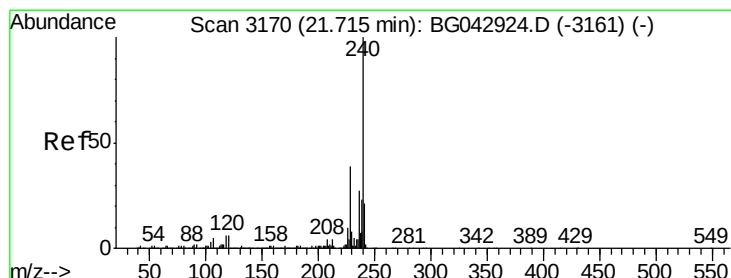
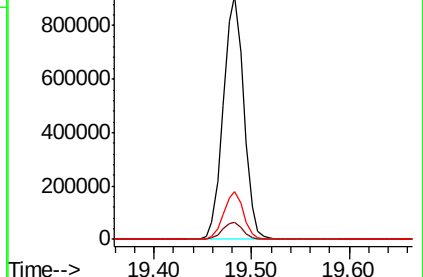
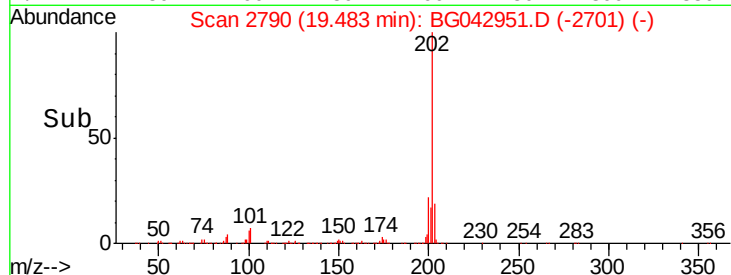
203 19.4 0.0 39.5



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

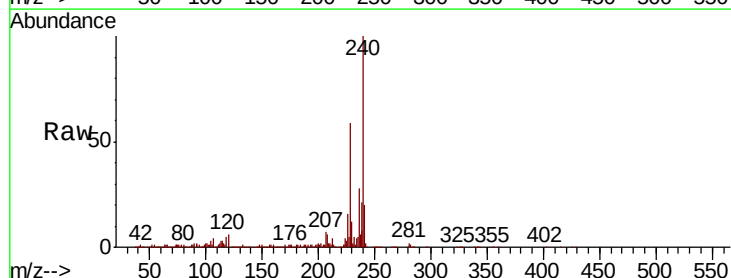
Tgt Ion:240 Resp: 525532

Ion Ratio Lower Upper

240 100

120 5.7 4.8 7.2

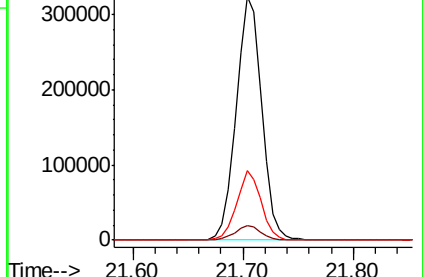
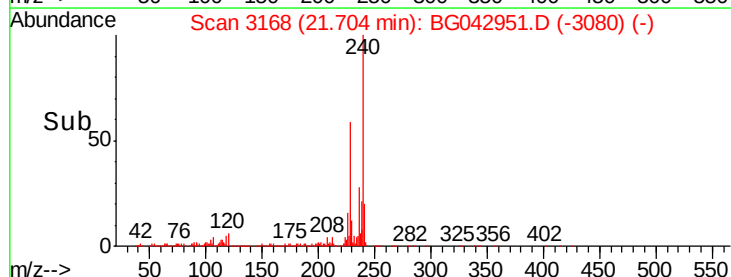
236 28.3 21.4 32.0

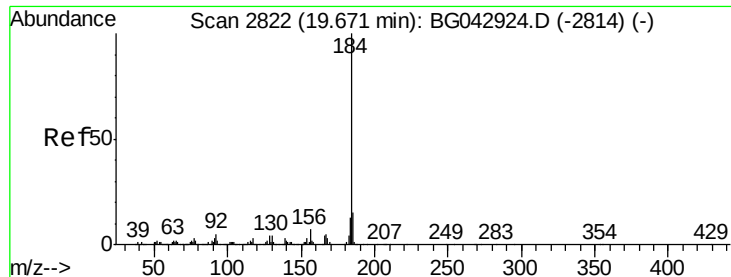


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.028 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

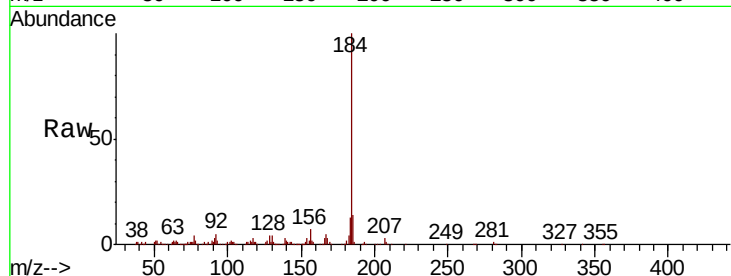
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 381979

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.8
183	12.8	10.1	15.1

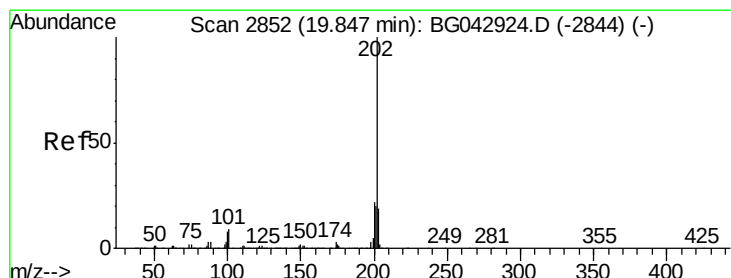
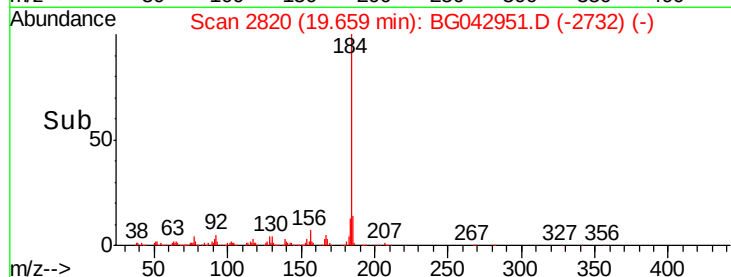
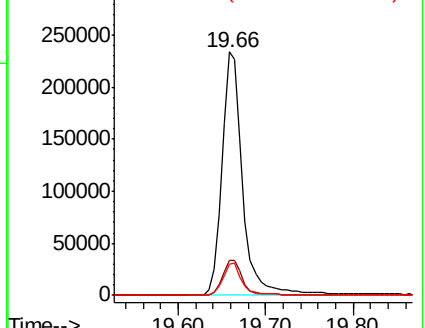


Abundance

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: 43.055 ng

RT: 19.84 min Scan# 2851

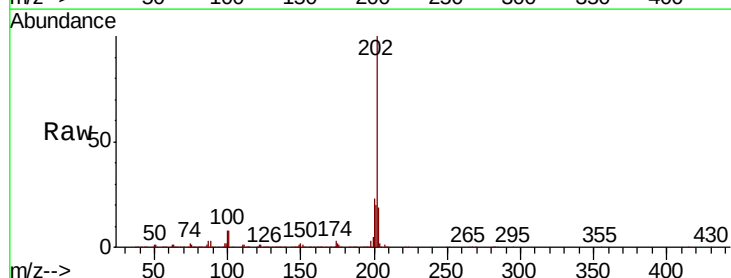
Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:202 Resp: 1350502

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.6	26.4
203	19.0	15.2	22.8

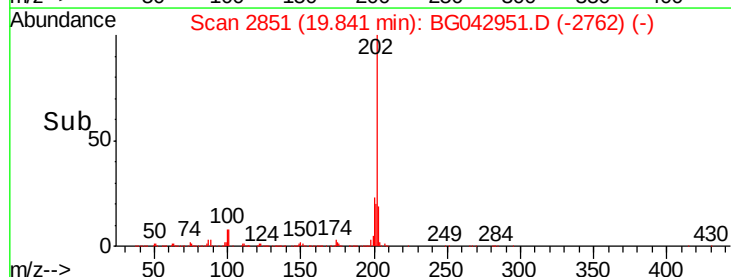
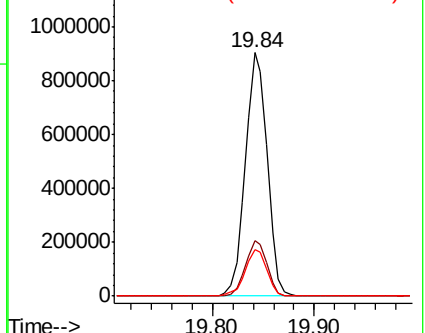


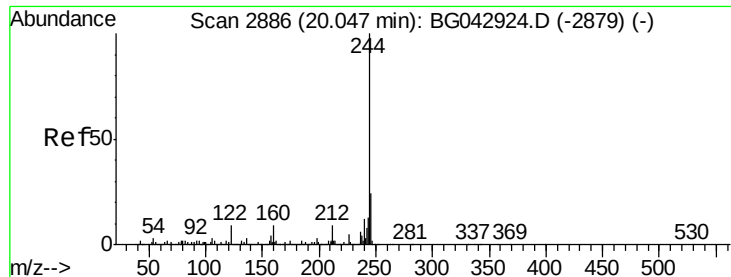
Abundance

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: 71.798 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

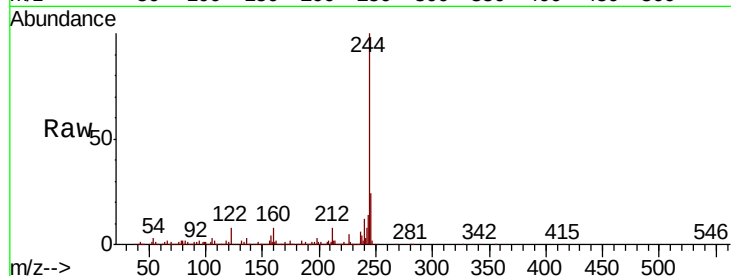
Tot Ion:244 Resp: 1770720

Ion Ratio Lower Upper

244 100

212 8.0 7.4 11.0

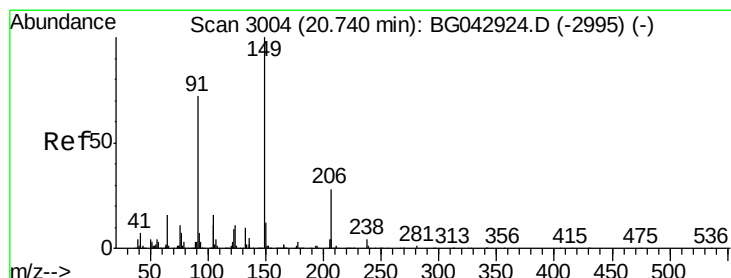
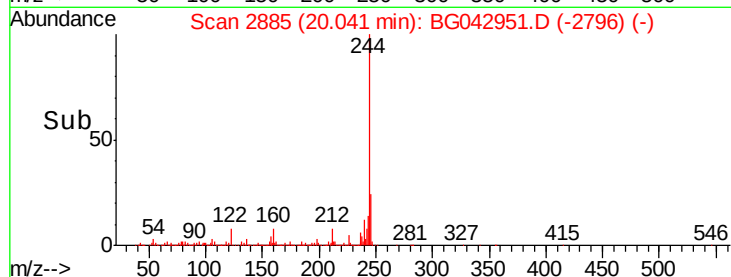
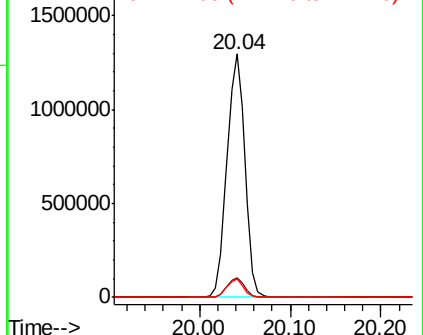
122 7.6 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.572 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

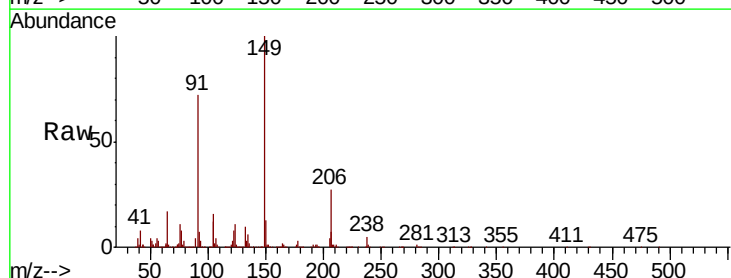
Tgt Ion:149 Resp: 506864

Ion Ratio Lower Upper

149 100

91 72.3 57.7 86.5

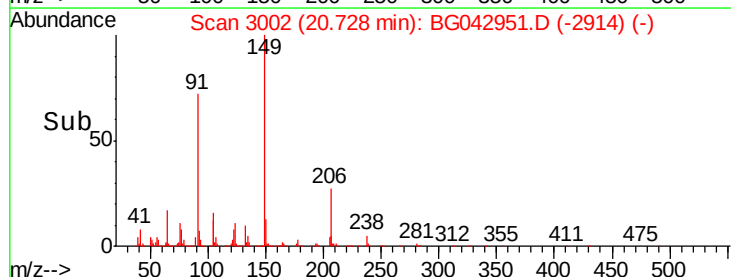
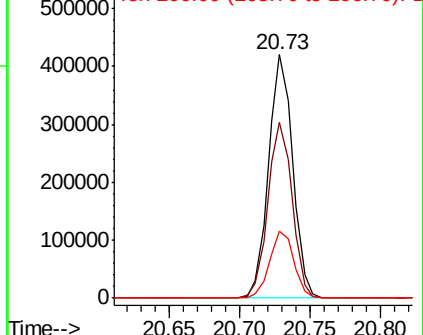
206 27.4 22.6 33.8

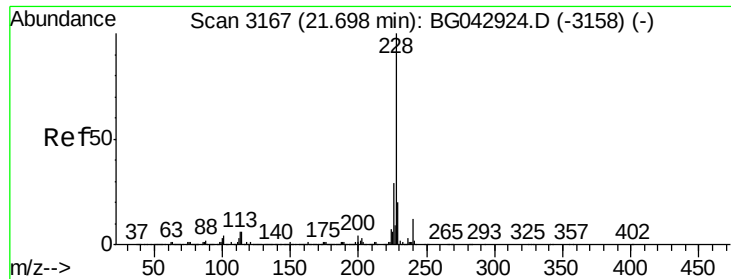


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

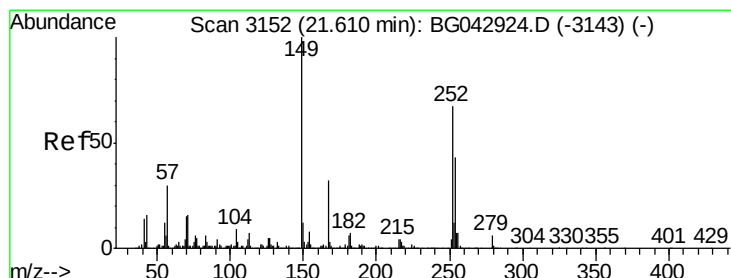
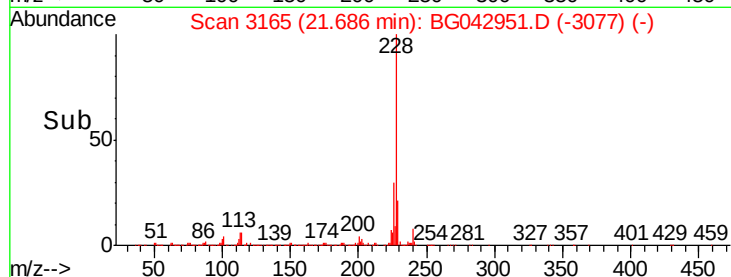
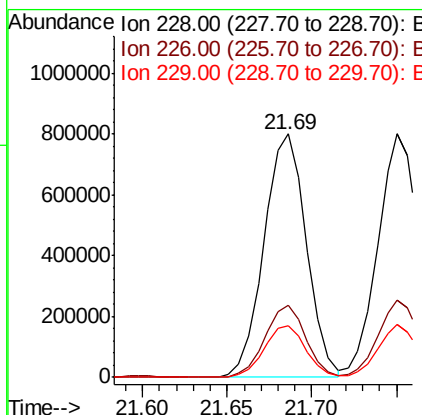
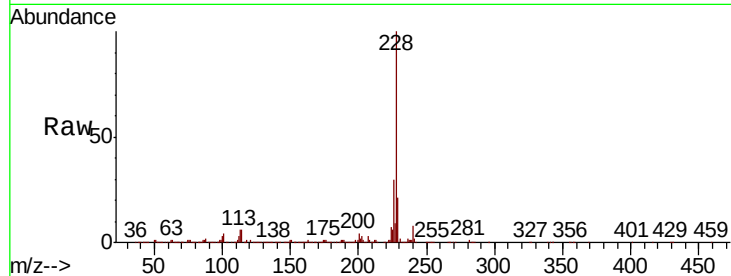




#81
Benzo(a)anthracene
Concen: 42.420 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

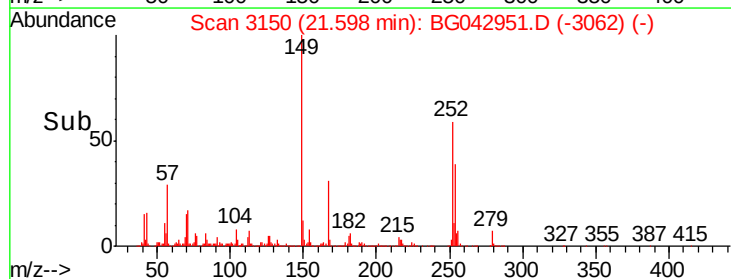
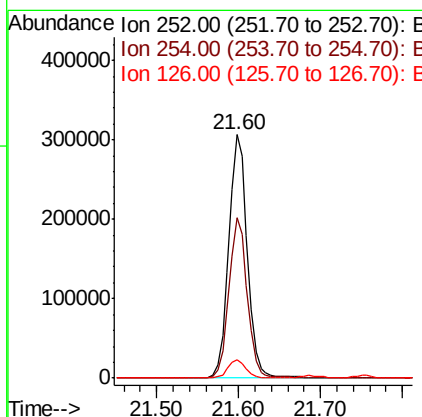
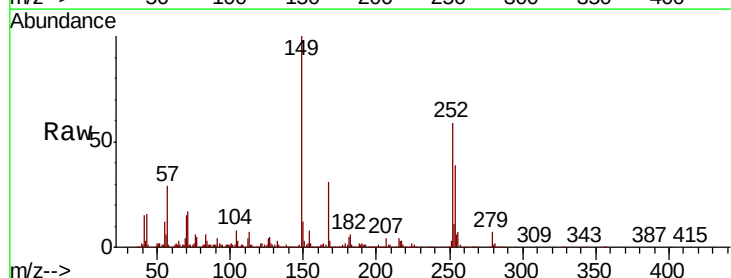
Instrument :
BNA_G
ClientSampleId :

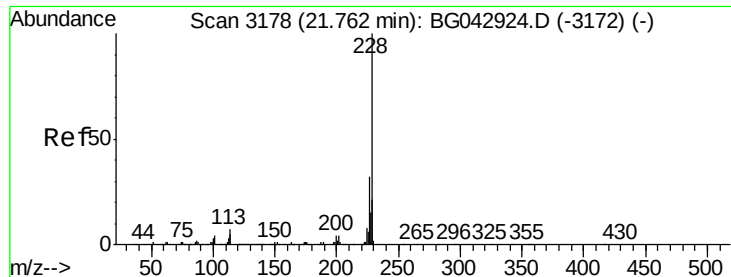
Tot Ion:228 Resp: 1389068
Ion Ratio Lower Upper
228 100
226 29.8 23.0 34.4
229 21.4 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 37.665 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion:252 Resp: 483731
Ion Ratio Lower Upper
252 100
254 65.8 51.9 77.9
126 7.6 6.1 9.1





#83

Chrysene

Concen: 42.585 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

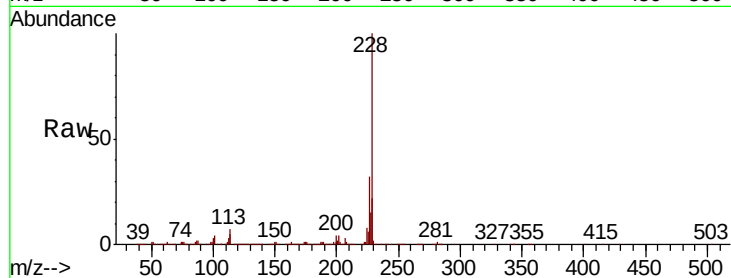
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1353216

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.6	38.4
229	22.0	16.9	25.3

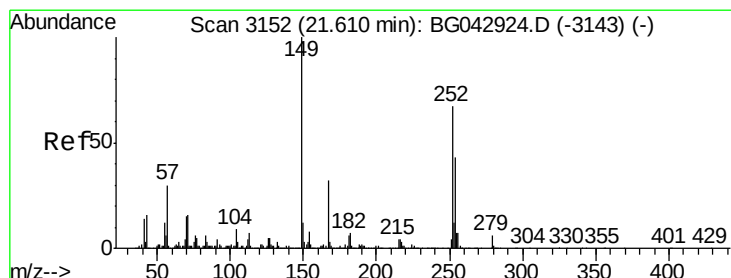
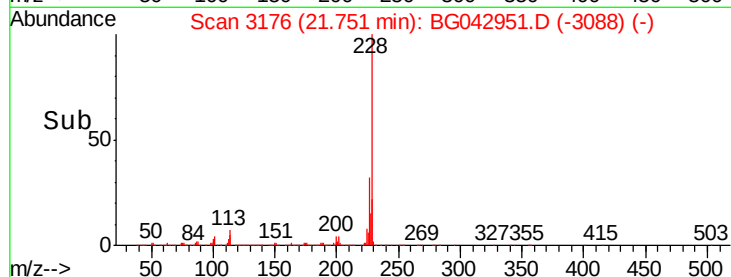
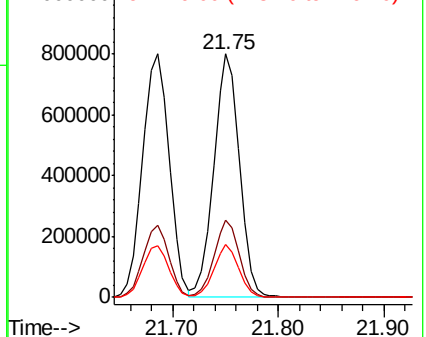


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.927 ng

RT: 21.59 min Scan# 3149

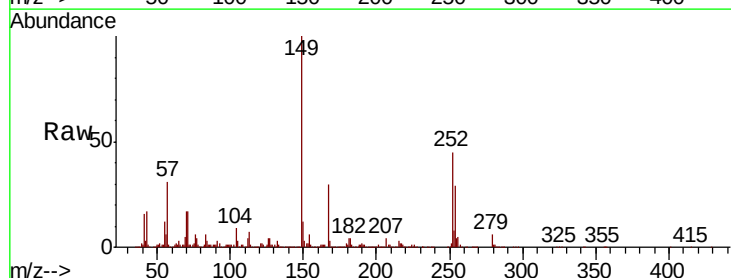
Delta R.T. -0.02 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Tgt Ion:149 Resp: 727262

Ion	Ratio	Lower	Upper
149	100		
167	30.4	25.4	38.2
279	6.1	5.1	7.7

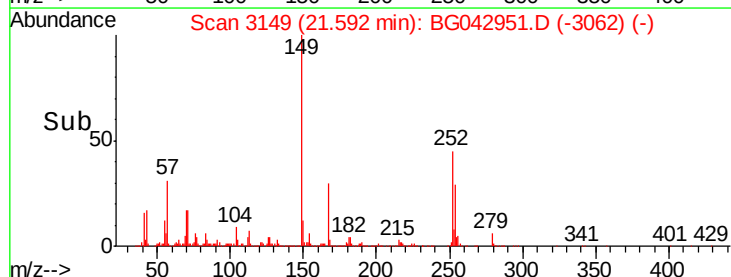
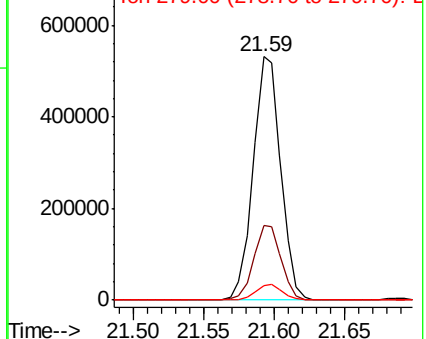


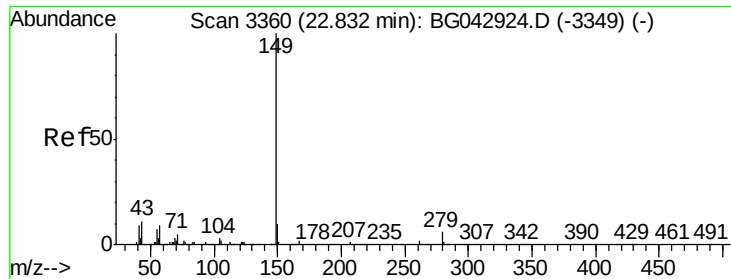
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.853 ng

RT: 22.81 min Scan# 3357

Delta R.T. -0.02 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

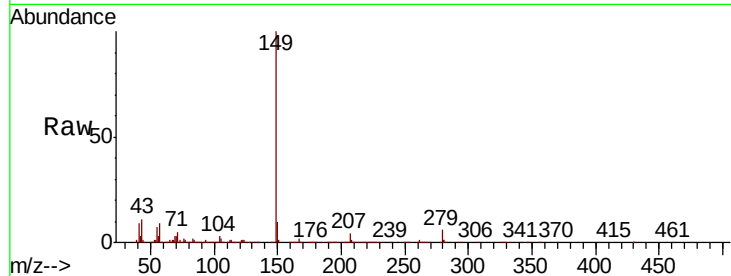
Tot Ion:149 Resp: 1214867

Ion Ratio Lower Upper

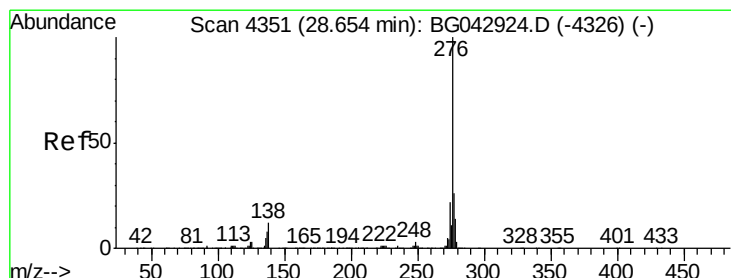
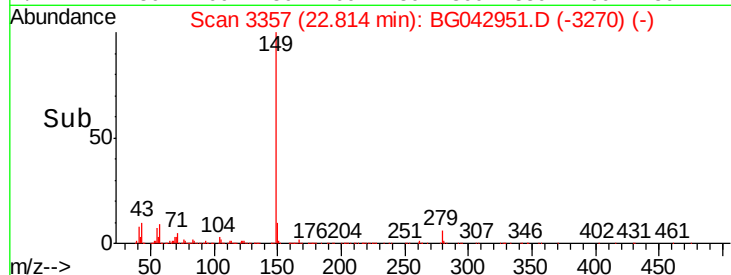
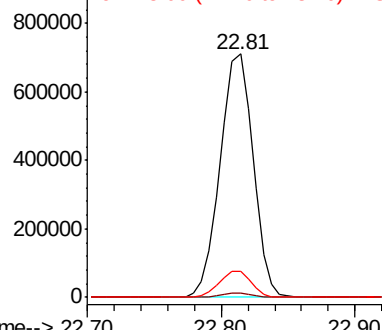
149 100

167 1.7 1.4 2.0

43 10.5 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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.747 ng

RT: 28.61 min Scan# 4344

Delta R.T. -0.04 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

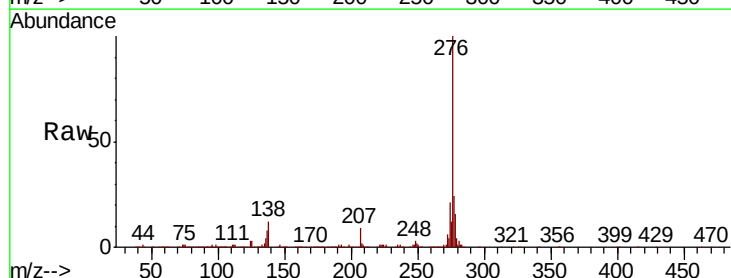
Tgt Ion:276 Resp: 1730621

Ion Ratio Lower Upper

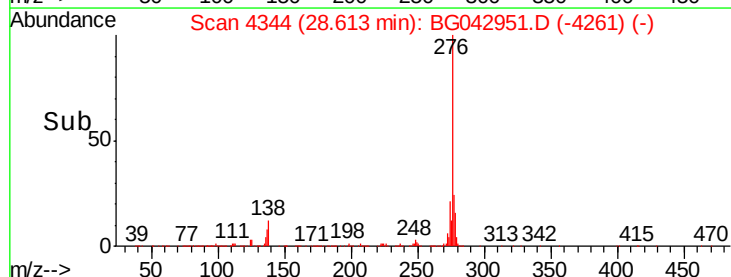
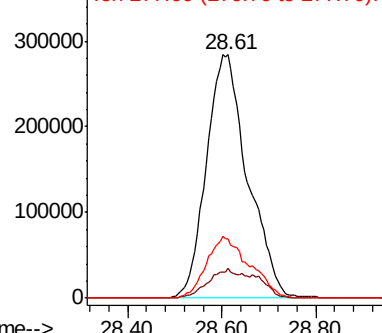
276 100

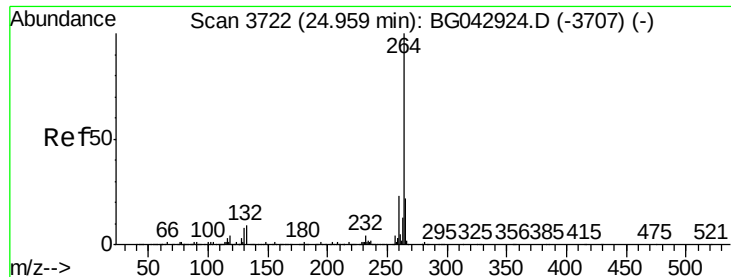
138 10.6 7.0 10.6#

277 26.2 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

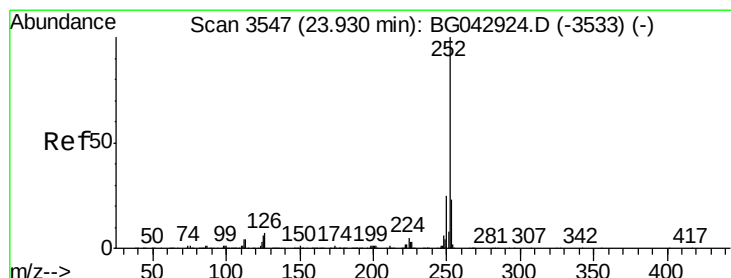
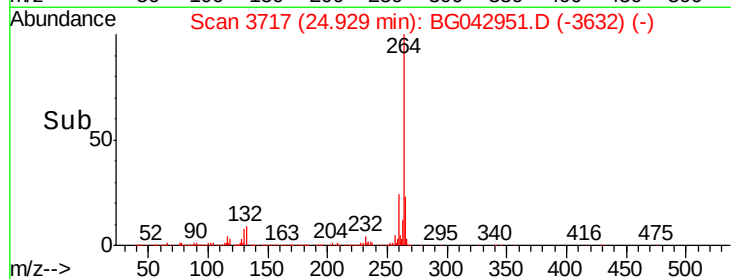
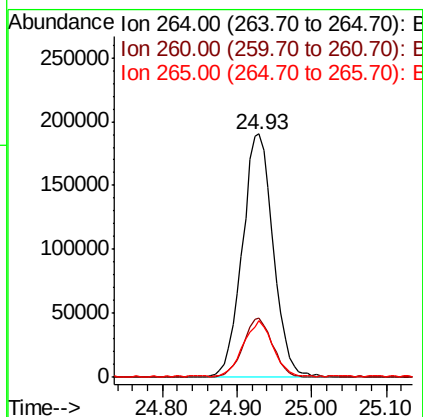
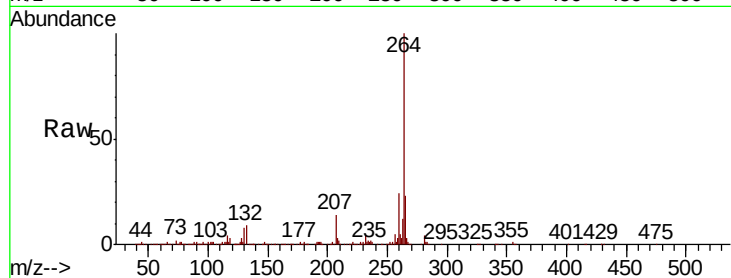




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

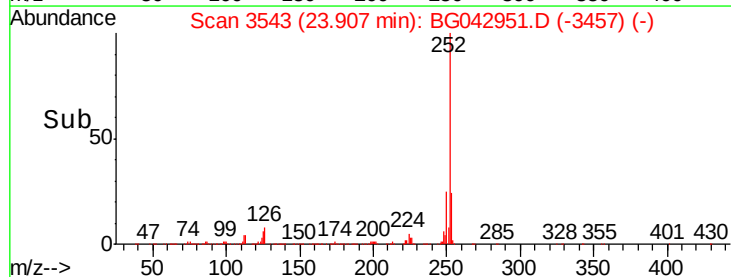
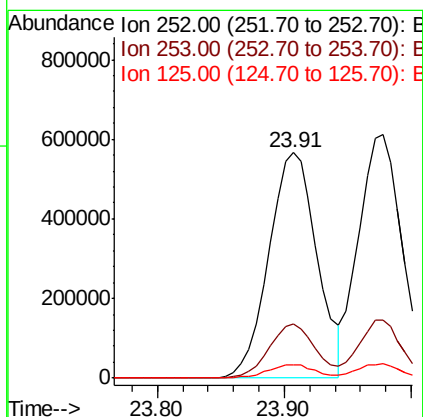
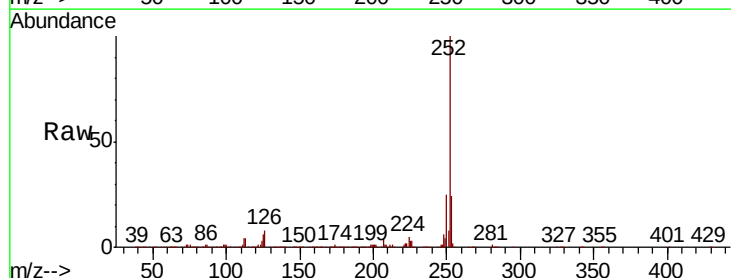
Instrument :
BNA_G
ClientSampleId :

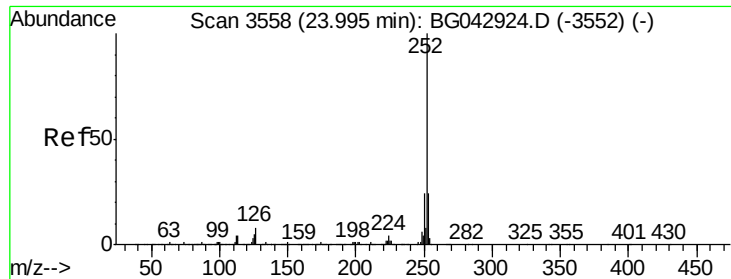
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	23.3	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 48.305 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.02 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	5.8	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 47.261 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.02 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

Instrument :

BNA_G

ClientSampleId :

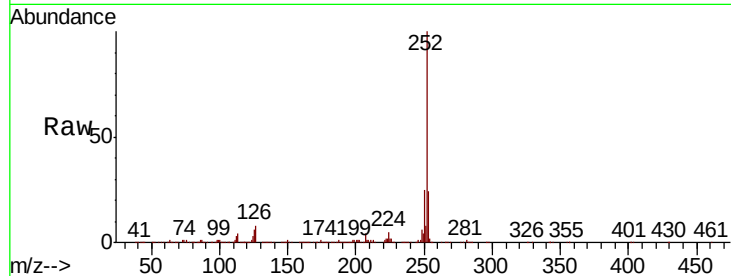
Tot Ion:252 Resp: 1446842

Ion Ratio Lower Upper

252 100

253 24.0 18.9 28.3

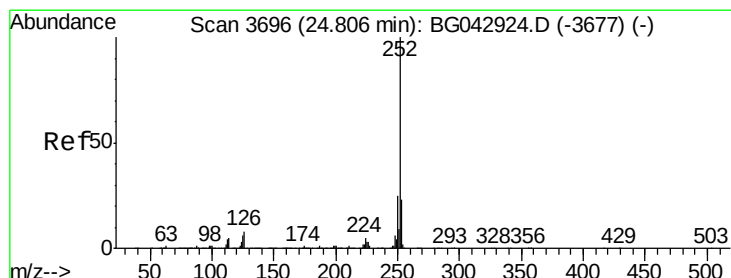
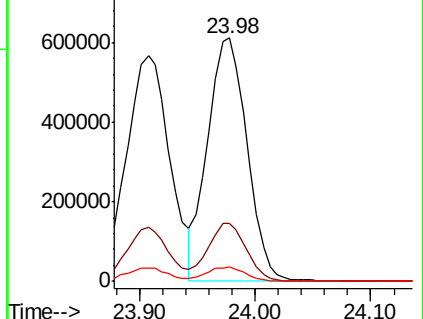
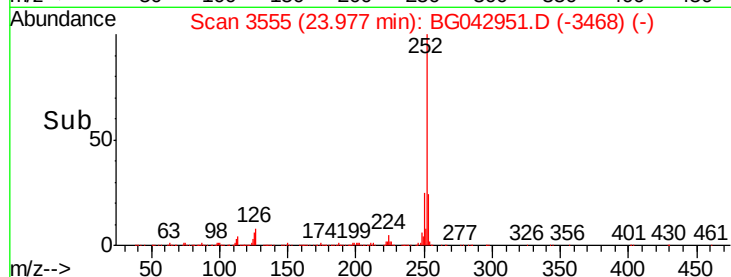
125 6.1 4.5 6.7



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: 49.670 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.03 min

Lab File: BG042951.D

Acq: 30 Sep 2019 20:12

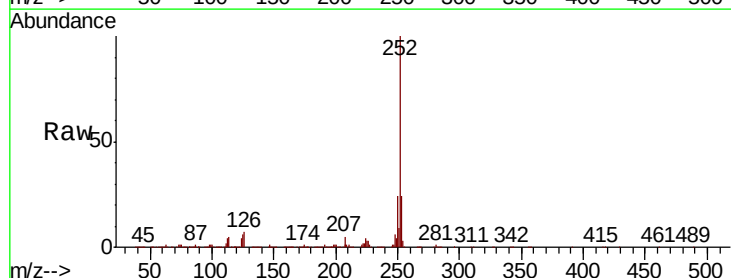
Tgt Ion:252 Resp: 1450148

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.4

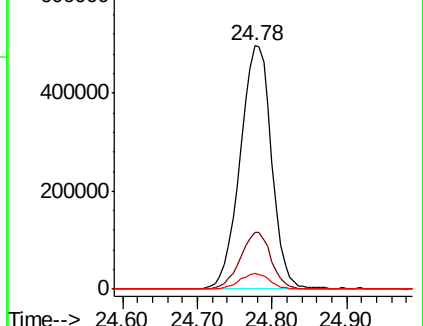
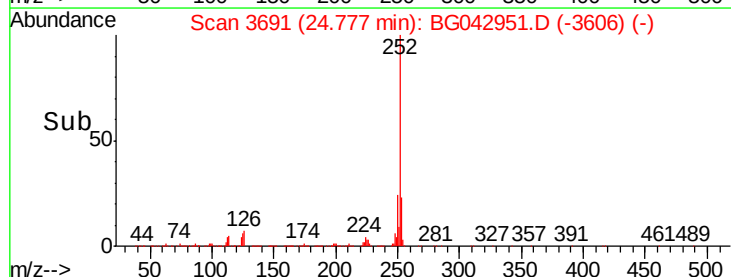
125 6.2 5.0 7.6

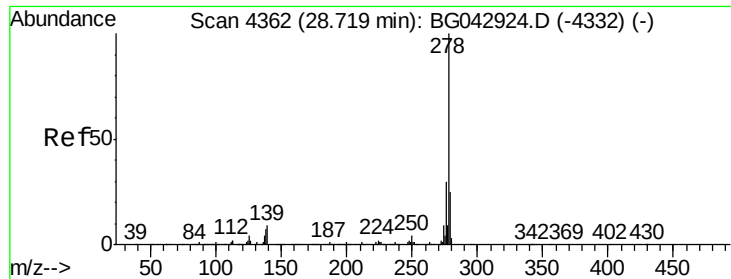


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



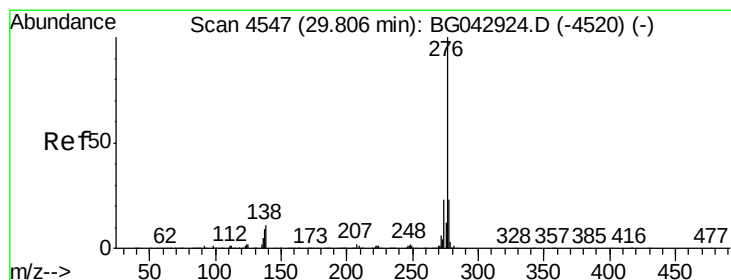
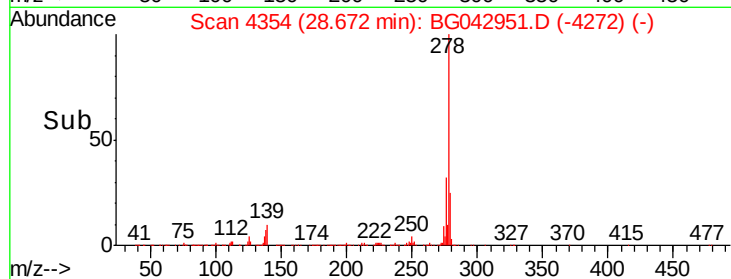
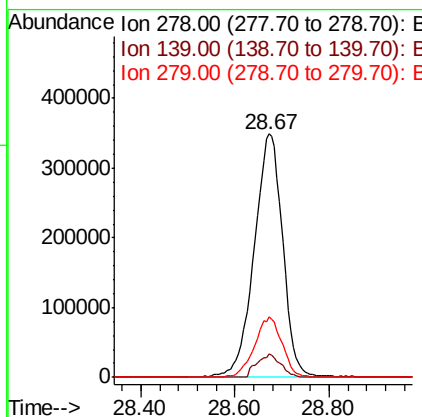
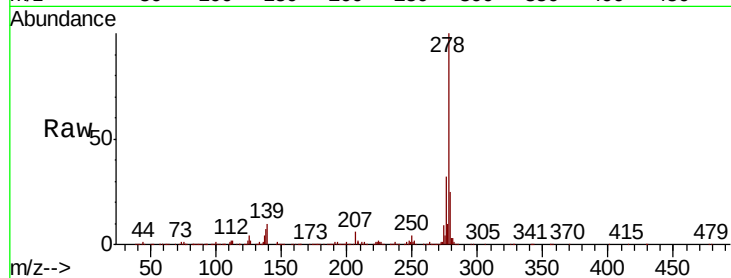


#91
Dibenzo(a,h)anthracene
Concen: 49.307 ng
RT: 28.67 min Scan# 4354
Delta R.T. -0.05 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1476159

Ion	Ratio	Lower	Upper
278	100		
139	9.6	6.8	10.2
279	24.9	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 49.854 ng
RT: 29.76 min Scan# 4540
Delta R.T. -0.04 min
Lab File: BG042951.D
Acq: 30 Sep 2019 20:12

Tgt Ion:276 Resp: 1446154

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	11.6	8.6	12.8

