

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042958.D
 Acq On : 1 Oct 2019 1:57
 Operator : JU
 Sample : K5054-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 07:13:23 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	73207	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	275980	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	199586	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	454694	20.00	ng	0.00
76) Chrysene-d12	21.70	240	496427	20.00	ng	-0.01
87) Perylene-d12	24.93	264	581464	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	530597	129.35	ng	0.00
7) Phenol-d6	7.25	99	757815	128.29	ng	0.00
23) Nitrobenzene-d5	9.24	82	466553	82.17	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	440632	128.39	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1133759	82.35	ng	0.00
79) Terphenyl-d14	20.04	244	2111035	90.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	60153	35.171	ng	98
3) Pyridine	3.95	79	115455	24.001	ng	99
4) n-Nitrosodimethylamine	3.87	42	99410	42.974	ng	# 98
6) Aniline	7.40	93	127978	17.947	ng	97
8) 2-Chlorophenol	7.64	128	199122	46.546	ng	100
9) Benzaldehyde	7.21	77	147125	40.758	ng	92
10) Phenol	7.27	94	270804	49.966	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	172315	41.092	ng	99
12) 1,3-Dichlorobenzene	7.96	146	188054	34.459	ng	97
13) 1,4-Dichlorobenzene	8.11	146	193628	35.592	ng	97
14) 1,2-Dichlorobenzene	8.43	146	181766	35.094	ng	96
15) Benzyl Alcohol	8.31	79	204158	45.968	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.60	45	293739	36.475	ng	98
17) 2-Methylphenol	8.52	107	175775	46.351	ng	96
18) Hexachloroethane	9.16	117	69063	33.708	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	158430	40.844	ng	98
20) 3+4-Methylphenols	8.85	107	117753	22.658	ng	94
22) Acetophenone	8.90	105	300406	42.228	ng	# 97
24) Nitrobenzene	9.28	77	238133	43.969	ng	100
25) Isophorone	9.80	82	444504	44.568	ng	99
26) 2-Nitrophenol	9.99	139	116842	50.678	ng	98
27) 2,4-Dimethylphenol	10.07	122	198271	55.998	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	249076	44.017	ng	95
29) 2,4-Dichlorophenol	10.54	162	218385	49.593	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	222084	39.054	ng	95
31) Naphthalene	10.93	128	576536	42.438	ng	100
32) Benzoic acid	10.21	122	133744	48.430	ng	87
33) 4-Chloroaniline	11.03	127	82613	14.014	ng	98
34) Hexachlorobutadiene	11.22	225	158844	37.306	ng	99
35) Caprolactam	11.82	113	68075	43.837	ng	# 87
36) 4-Chloro-3-methylphenol	12.16	107	242964	50.745	ng	94
37) 2-Methylnaphthalene	12.53	142	440623	42.515	ng	95
38) 1-Methylnaphthalene	12.74	142	412026	42.014	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	288823	38.488	ng	99

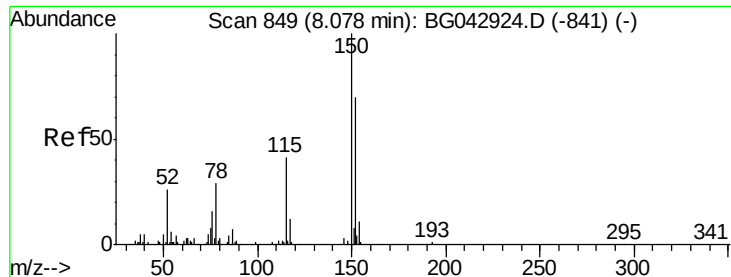
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
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 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	394622	82.533	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	206152	46.935	ng	94
44) 2,4,5-Trichlorophenol	13.21	196	222057	49.076	ng	96
46) 1,1'-Biphenyl	13.53	154	594536	39.281	ng	98
47) 2-Chloronaphthalene	13.57	162	459691	40.509	ng	98
48) 2-Nitroaniline	13.77	65	174865	46.338	ng	96
49) Acenaphthylene	14.41	152	746867	43.013	ng	99
50) Dimethylphthalate	14.15	163	757172	50.633	ng	99
51) 2,6-Dinitrotoluene	14.26	165	148468	46.620	ng	97
52) Acenaphthene	14.75	154	451016	38.805	ng	99
53) 3-Nitroaniline	14.59	138	66718	20.272	ng	# 99
54) 2,4-Dinitrophenol	14.79	184	204621	103.370	ng	98
55) Dibenzofuran	15.09	168	729680	42.441	ng	97
56) 4-Nitrophenol	14.91	139	251289	100.210	ng	98
57) 2,4-Dinitrotoluene	15.05	165	207132	44.415	ng	99
58) Fluorene	15.73	166	624539	42.548	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	224805	46.663	ng	99
60) Diethylphthalate	15.51	149	639976	42.051	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	358701	40.746	ng	99
62) 4-Nitroaniline	15.76	138	151900	42.319	ng	96
63) Azobenzene	16.02	77	575276	41.519	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	142121	55.236	ng	96
66) n-Nitrosodiphenylamine	15.94	169	557087	46.411	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	255263	44.729	ng	98
68) Hexachlorobenzene	16.74	284	271454	42.720	ng	98
69) Atrazine	16.89	200	218580	43.244	ng	95
70) Pentachlorophenol	17.09	266	376196	102.603	ng	99
71) Phenanthrene	17.47	178	979412	44.121	ng	97
72) Anthracene	17.57	178	1016114	45.852	ng	99
73) Carbazole	17.84	167	940187	45.750	ng	99
74) Di-n-butylphthalate	18.40	149	1065459	43.455	ng	100
75) Fluoranthene	19.48	202	1296652	44.162	ng	100
77) Benzidine	19.66	184	363604	29.252	ng	99
78) Pyrene	19.84	202	1312874	44.309	ng	98
80) Butylbenzylphthalate	20.73	149	507938	45.163	ng	99
81) Benzo(a)anthracene	21.69	228	1359385	43.948	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	323940	26.702	ng	100
83) Chrysene	21.75	228	1326864	44.203	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	718803	44.916	ng	96
85) Di-n-octyl phthalate	22.81	149	1210535	46.258	ng	100
86) Indeno(1,2,3-cd)pyrene	28.61	276	1720765	46.048	ng	99
88) Benzo(b)fluoranthene	23.91	252	1471027	44.711	ng	99
89) Benzo(k)fluoranthene	23.98	252	1417965	43.565	ng	99
90) Benzo(a)pyrene	24.78	252	1418897	45.711	ng	99
91) Dibenzo(a,h)anthracene	28.68	278	1449895	45.552	ng	99
92) Benzo(g,h,i)perylene	29.76	276	1427956	46.302	ng	# 97

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

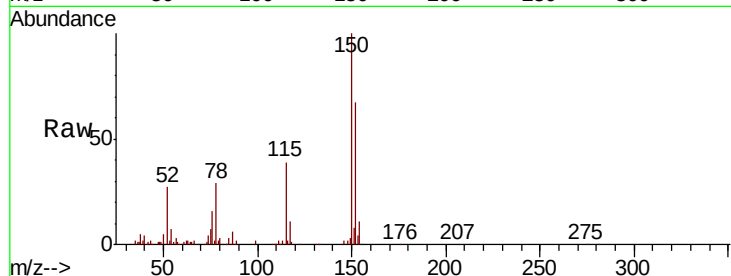


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampled :

Tot Ion	152	Resp	73207
Ion Ratio	Lower	Upper	
152	100		
150	148.8	115.0	172.4
115	58.2	47.0	70.6

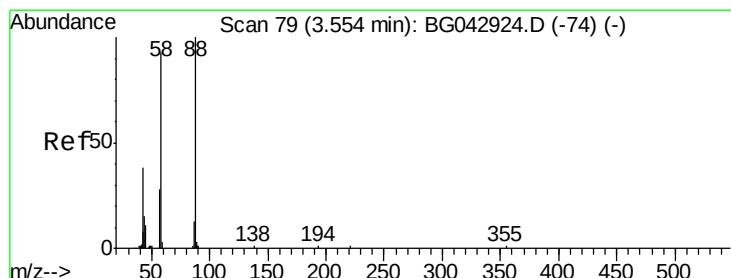
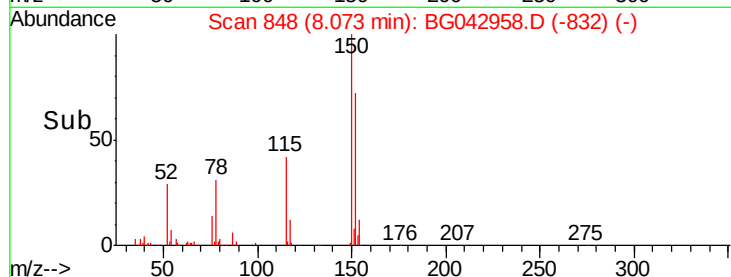
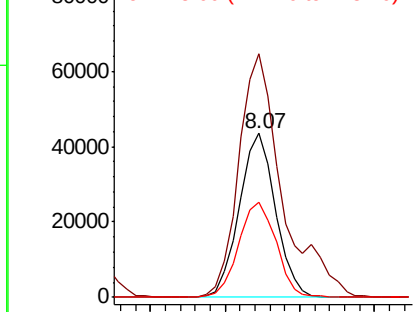


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

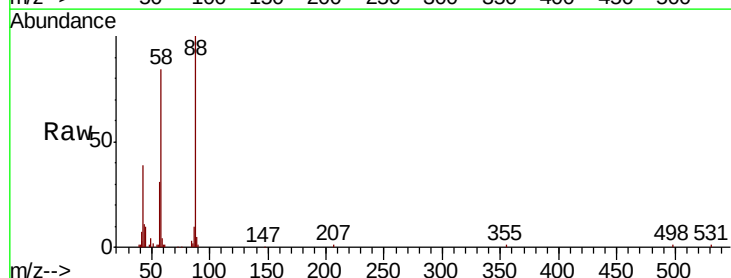
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.171 ng
RT: 3.55 min Scan# 79
Delta R.T. 0.00 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	88	Resp	60153
Ion Ratio	Lower	Upper	
88	100		
58	90.7	74.3	111.5
43	38.1	29.8	44.8

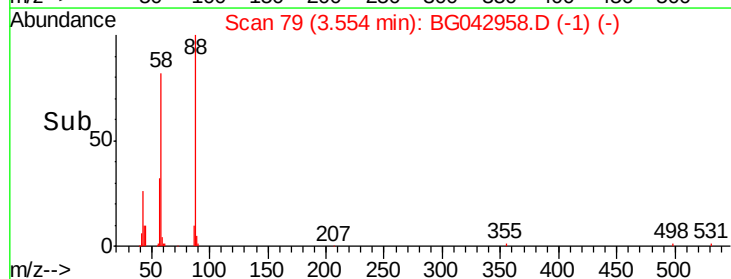
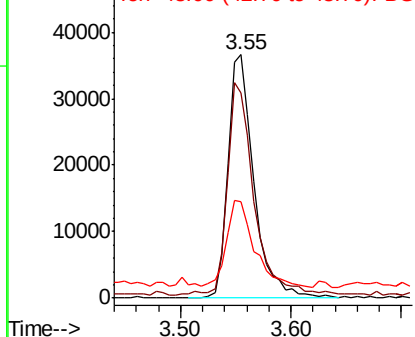


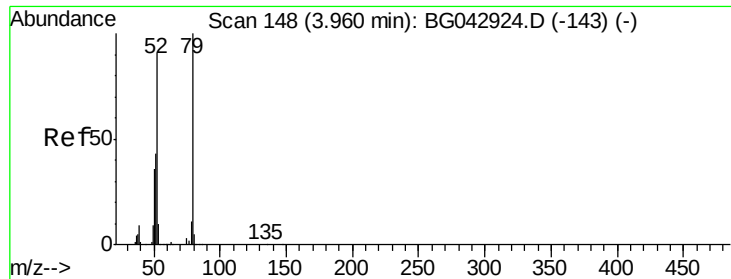
Abundance

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: 24.001 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

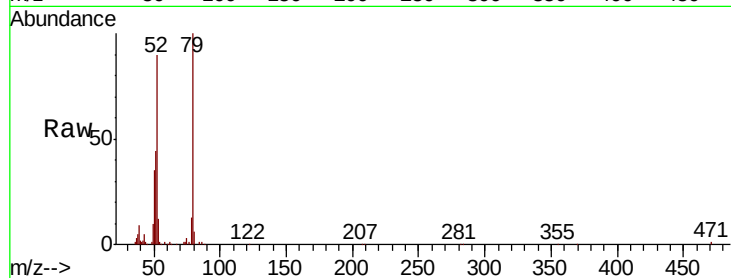
Tot Ion: 79 Resp: 115455

Ion Ratio Lower Upper

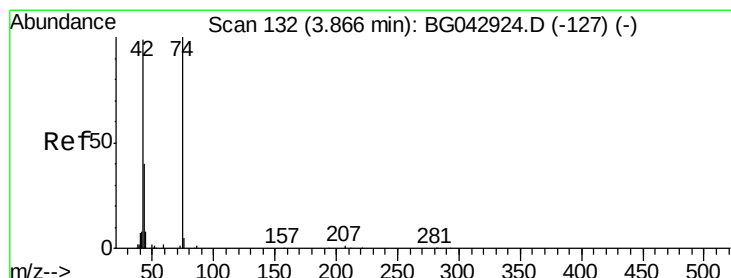
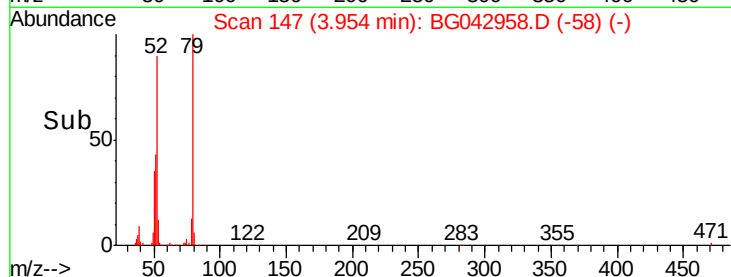
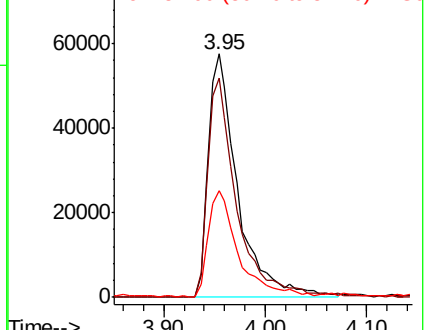
79 100

52 90.2 73.0 109.4

51 43.8 35.1 52.7



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



#4

n-Nitrosodimethylamine

Concen: 42.974 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

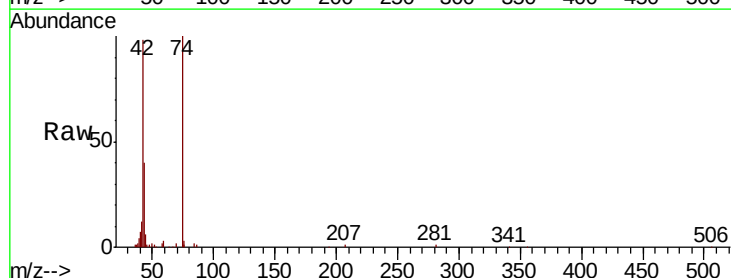
Tgt Ion: 42 Resp: 99410

Ion Ratio Lower Upper

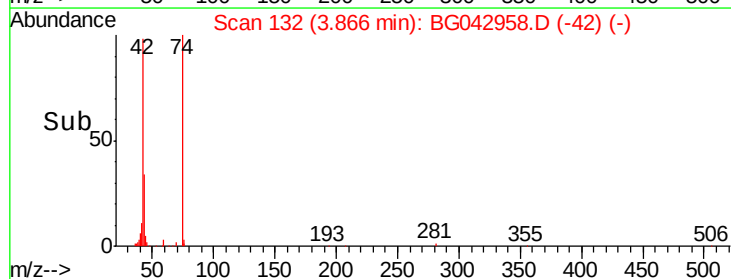
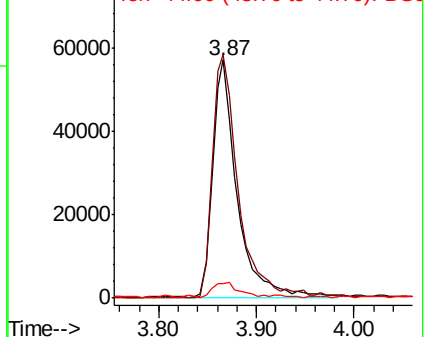
42 100

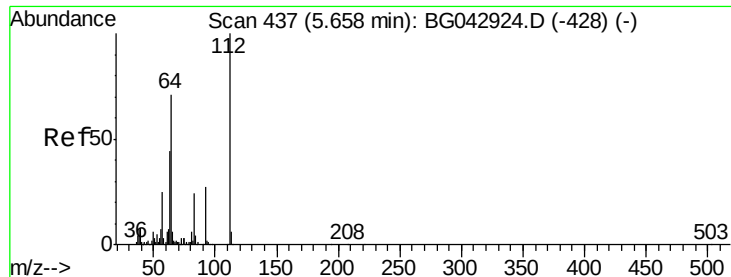
74 102.3 80.5 120.7

44 6.4 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 129.348 ng

RT: 5.66 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

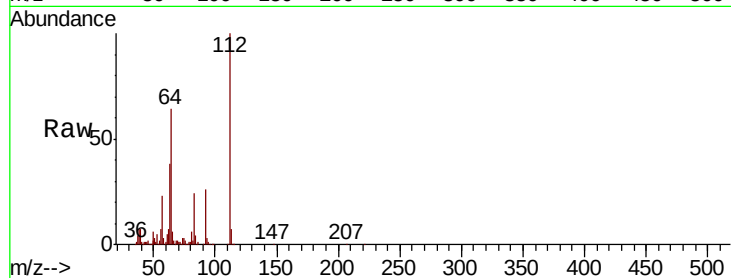
Tot Ion:112 Resp: 530597

Ion Ratio Lower Upper

112 100

64 63.5 56.6 84.8

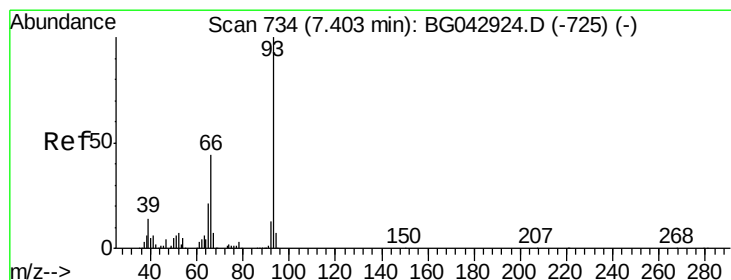
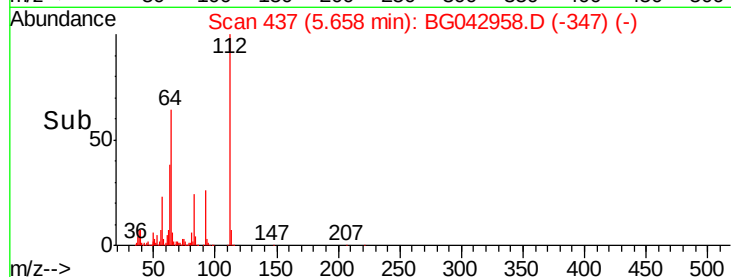
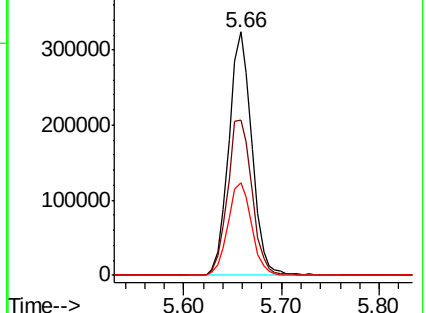
63 38.0 35.1 52.7



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: 17.947 ng

RT: 7.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

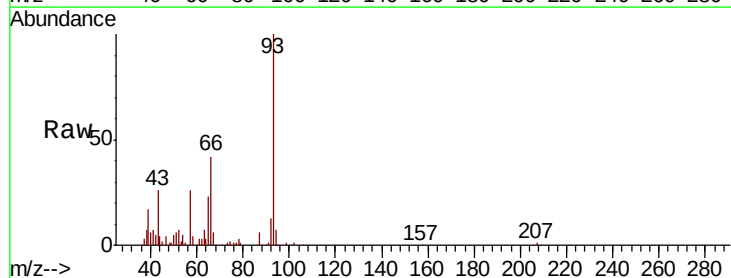
Tgt Ion: 93 Resp: 127978

Ion Ratio Lower Upper

93 100

66 41.8 35.0 52.6

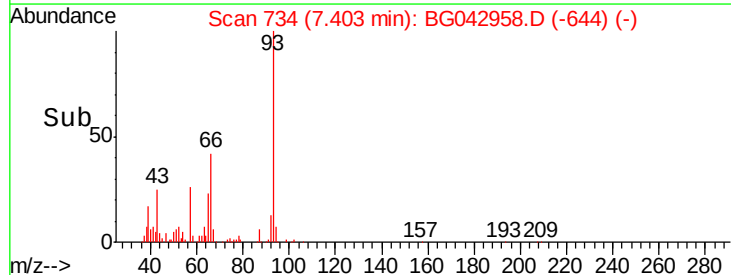
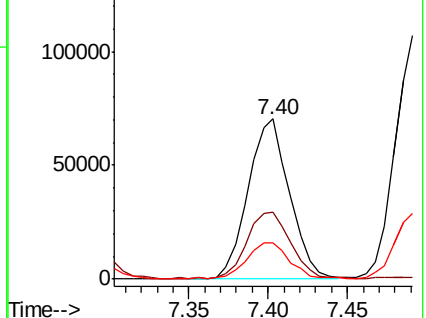
65 22.7 17.4 26.0

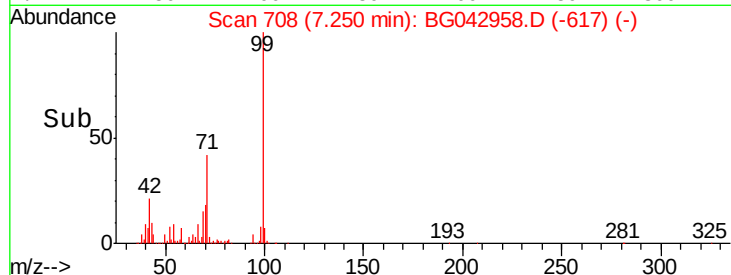
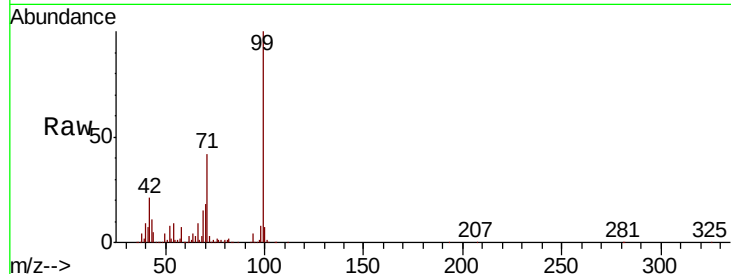
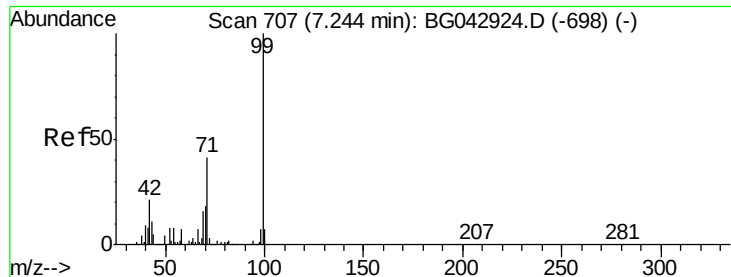


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

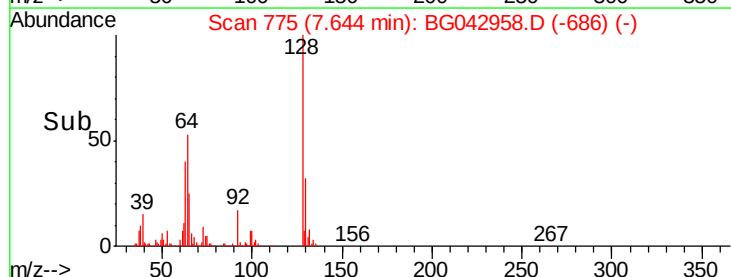
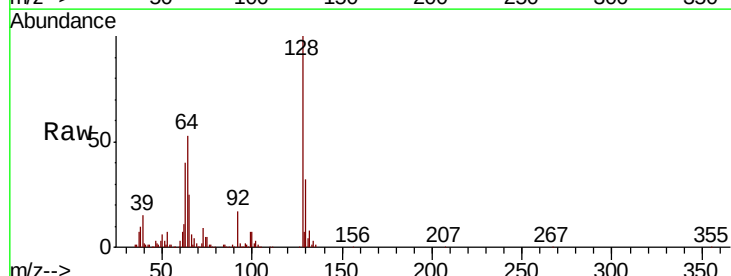
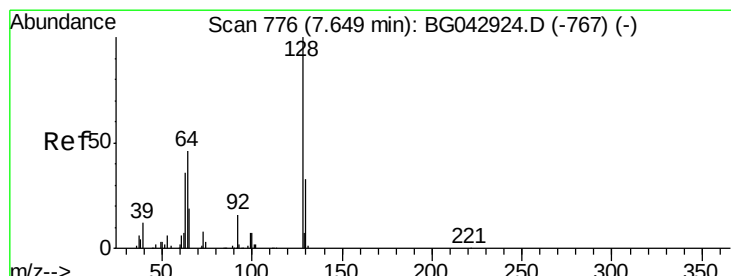
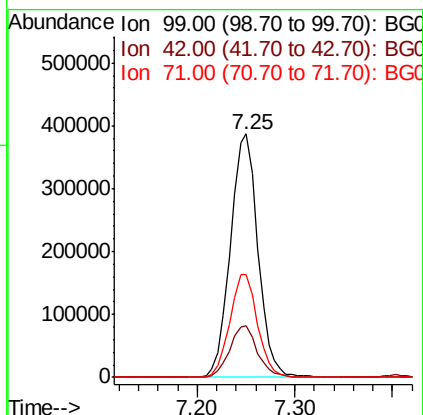
Ion 65.00 (64.70 to 65.70): BGC





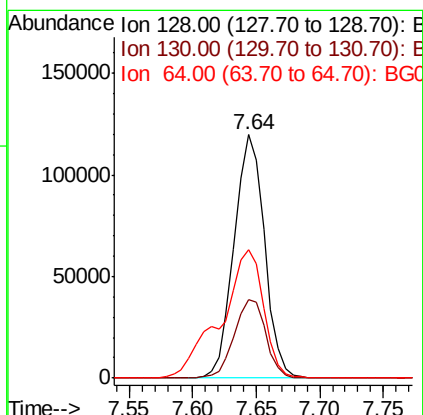
#7
Phenol-d6
Concen: 128.285 ng
RT: 7.25 min Scan# 708
Delta R.T. 0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

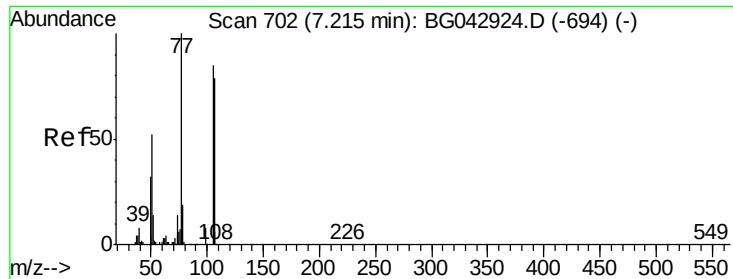
Tot Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.2	25.8
71	42.0	33.1	49.7



#8
2-Chlorophenol
Concen: 46.546 ng
RT: 7.64 min Scan# 775
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.5	52.5
64	52.6	32.8	72.8





#9

Benzaldehyde

Concen: 40.758 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampled :

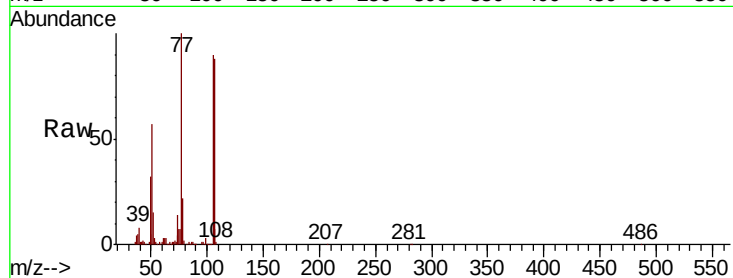
Tot Ion: 77 Resp: 147125

Ion Ratio Lower Upper

77 100

105 89.6 64.6 104.6

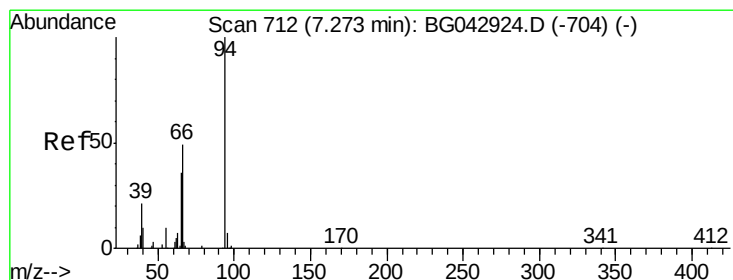
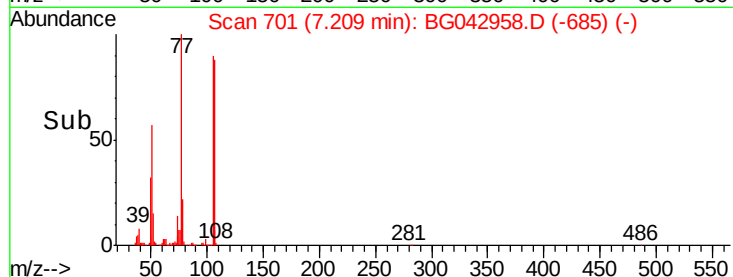
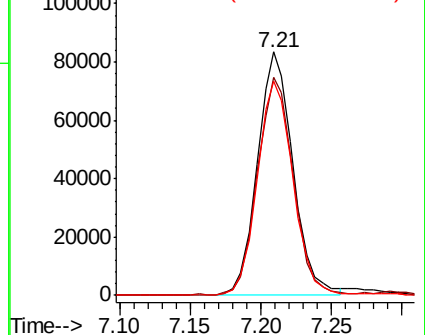
106 88.0 59.4 99.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.966 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

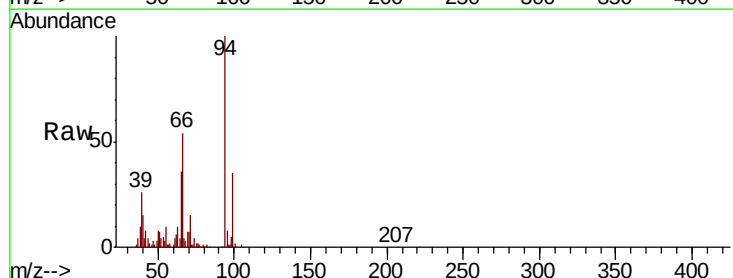
Tgt Ion: 94 Resp: 270804

Ion Ratio Lower Upper

94 100

65 36.4 16.6 56.6

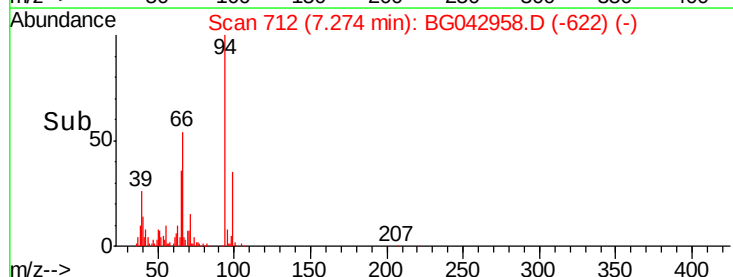
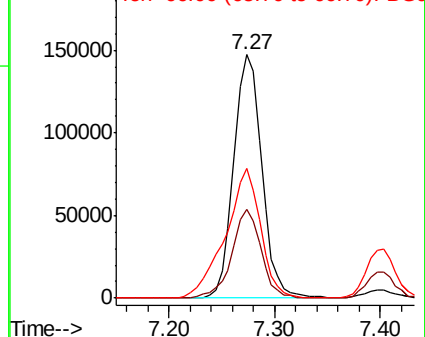
66 53.5 32.4 72.4

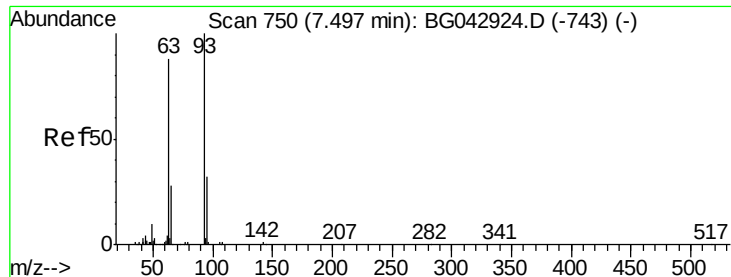


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

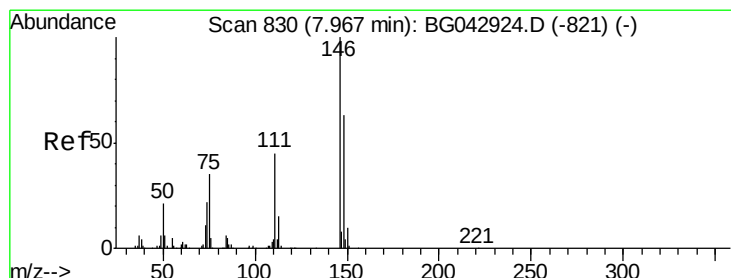
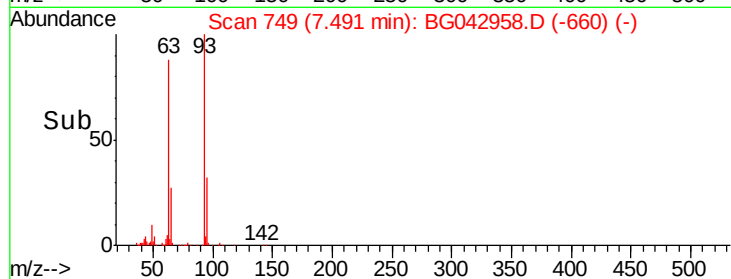
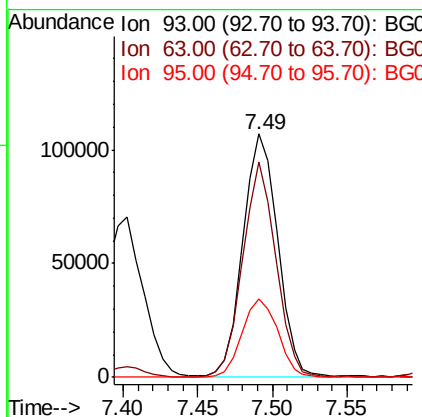
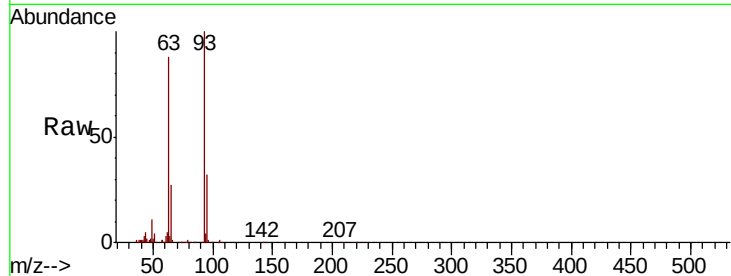




#11
 bis(2-Chloroethyl)ether
 Concen: 41.092 ng
 RT: 7.49 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

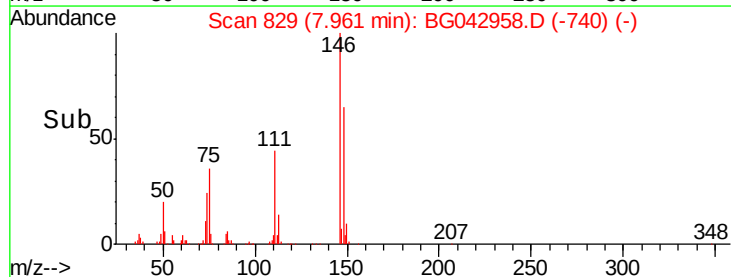
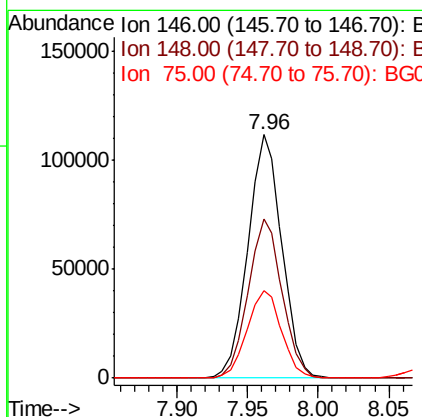
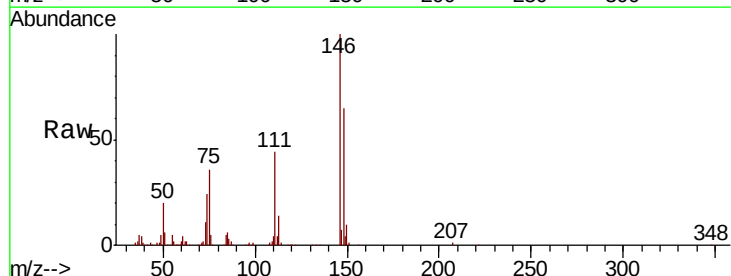
Instrument :
 BNA_G
 ClientSampleId :

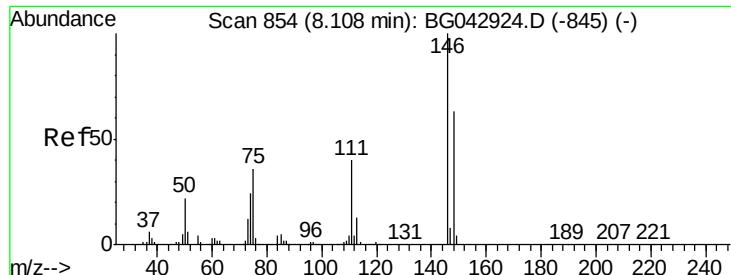
Tot Ion	93	Resp	172315
Ion Ratio	Lower	Upper	
93	100		
63	88.3	67.4	107.4
95	32.5	11.9	51.9



#12
 1,3-Dichlorobenzene
 Concen: 34.459 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	146	Resp	188054
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.7	76.1
75	36.1	27.7	41.5

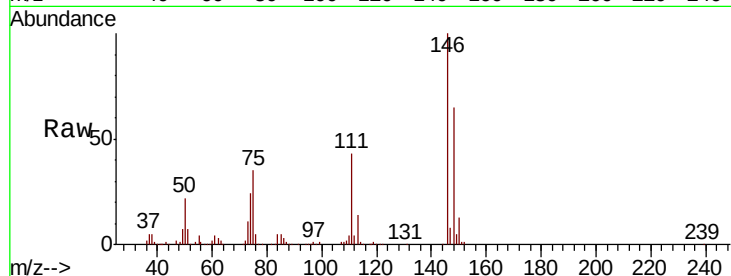




#13
 1,4-Dichlorobenzene
 Concen: 35.592 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.9	76.3
111	42.8	31.8	47.8

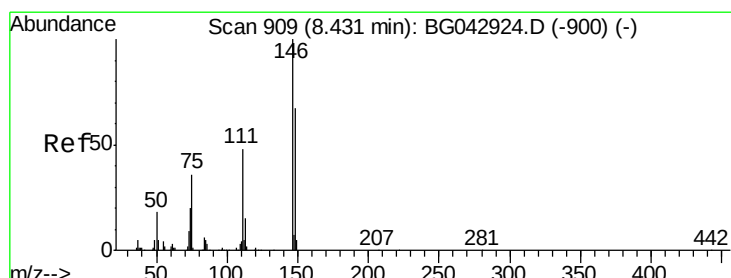
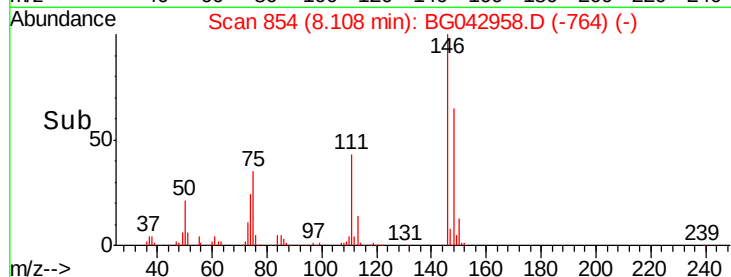
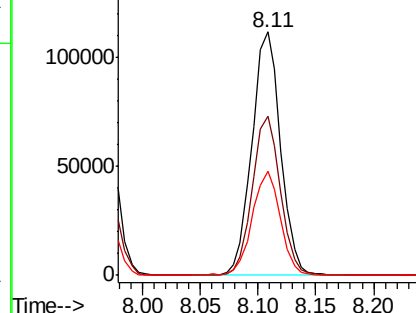


Abundance

Ion 146.00 (145.70 to 146.70): E

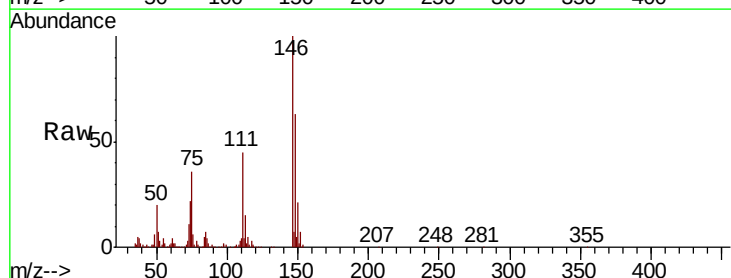
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 35.094 ng
 RT: 8.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	53.4	80.2
111	45.2	38.5	57.7

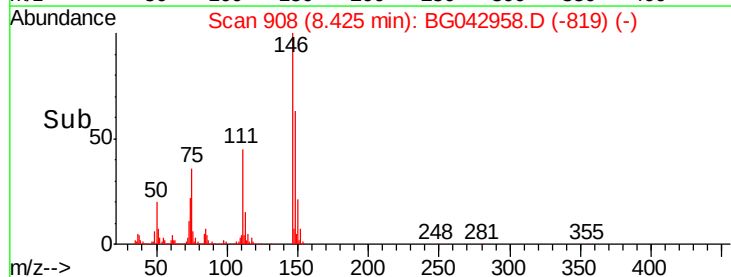
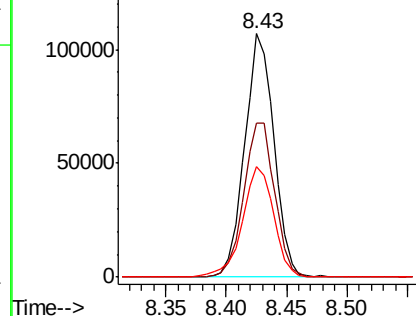


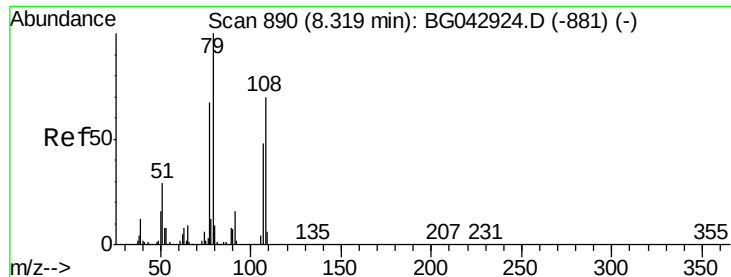
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.968 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

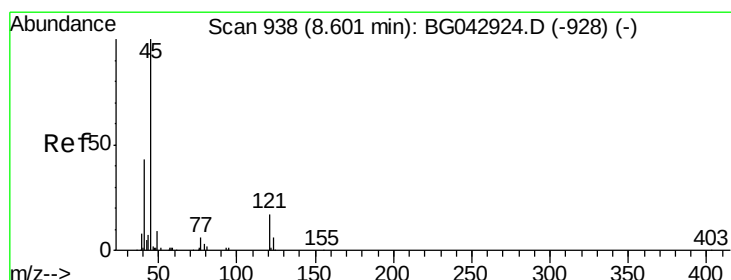
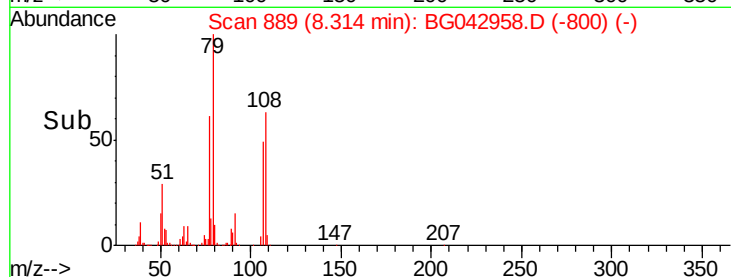
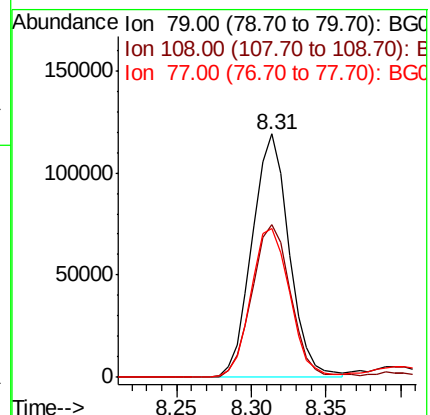
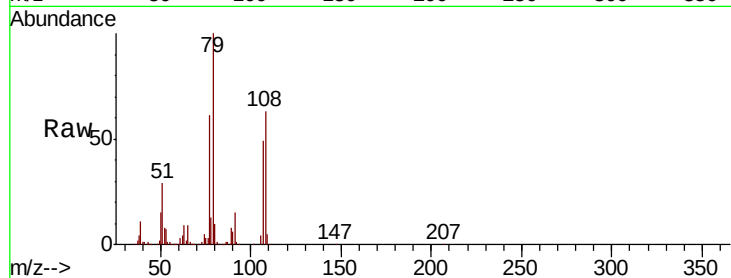
Tot Ion: 79 Resp: 204158

Ion Ratio Lower Upper

79 100

108 62.9 55.7 83.5

77 61.4 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.475 ng

RT: 8.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

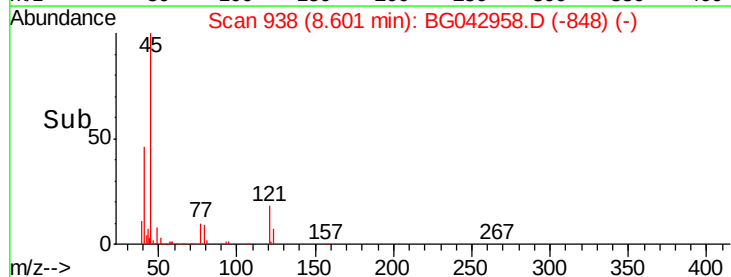
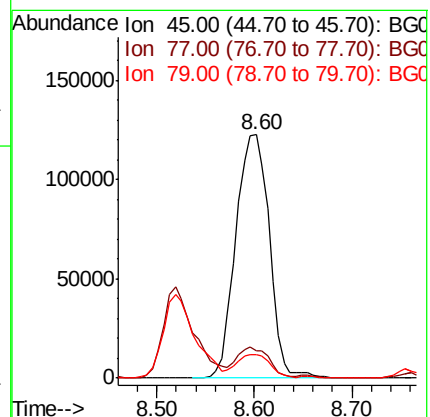
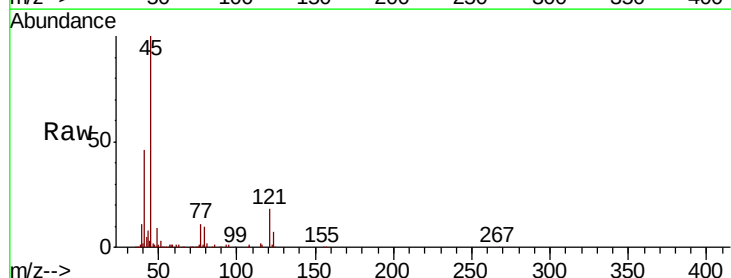
Tgt Ion: 45 Resp: 293739

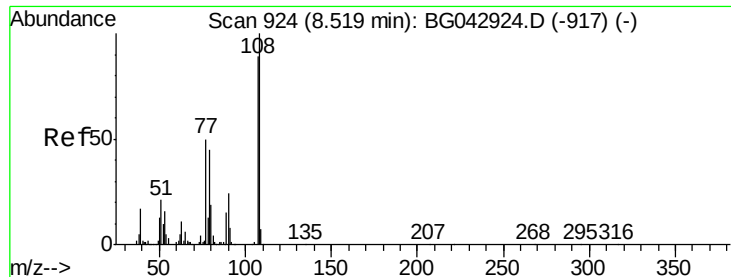
Ion Ratio Lower Upper

45 100

77 11.4 0.0 32.8

79 9.5 0.0 29.4





#17

2-Methylphenol

Concen: 46.351 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 175775

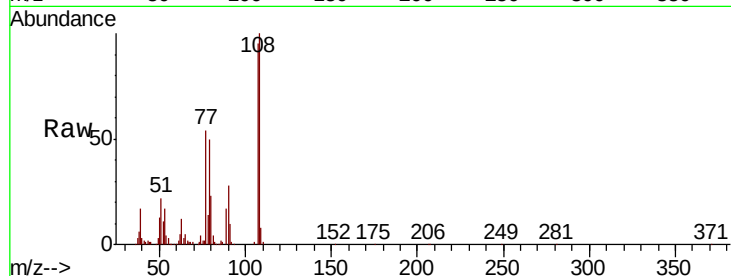
Ion Ratio Lower Upper

107 100

108 104.7 89.9 134.9

77 56.3 45.4 68.2

79 52.0 41.4 62.0

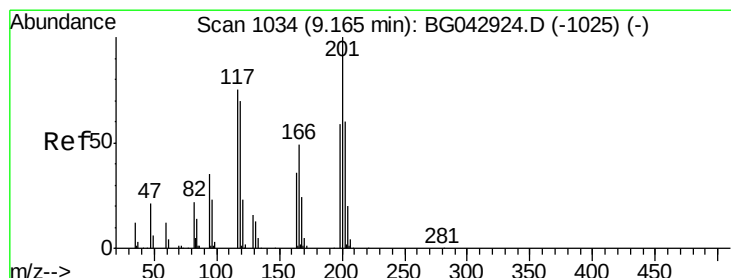
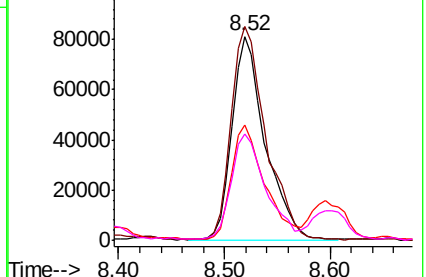
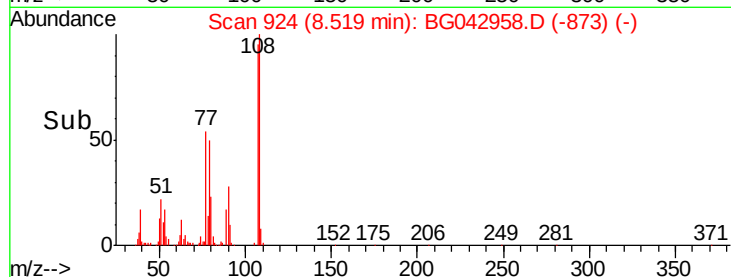


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.708 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

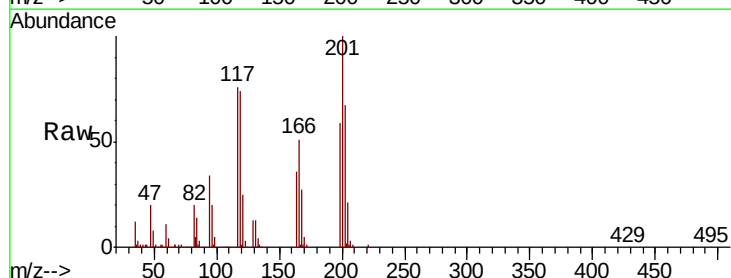
Tgt Ion:117 Resp: 69063

Ion Ratio Lower Upper

117 100

119 96.9 74.6 111.8

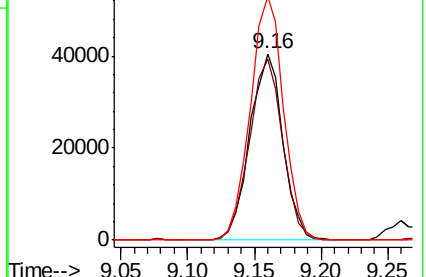
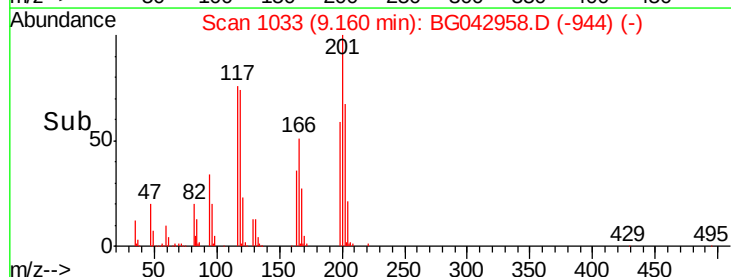
201 130.8 106.0 159.0

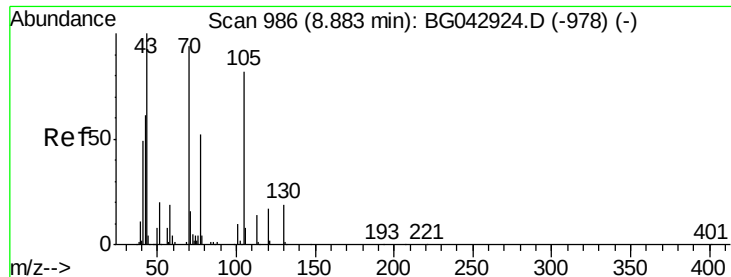


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

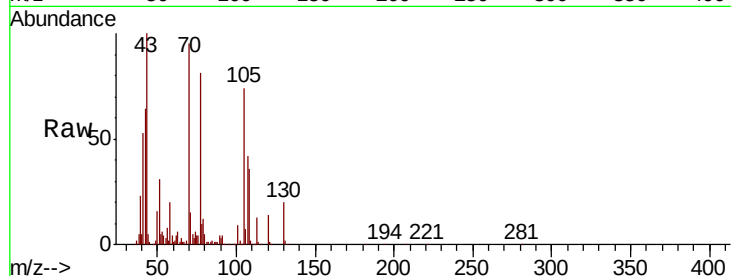




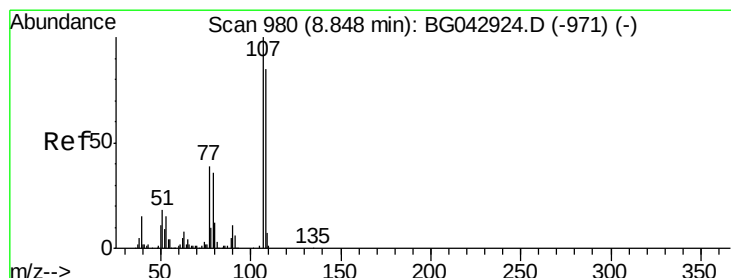
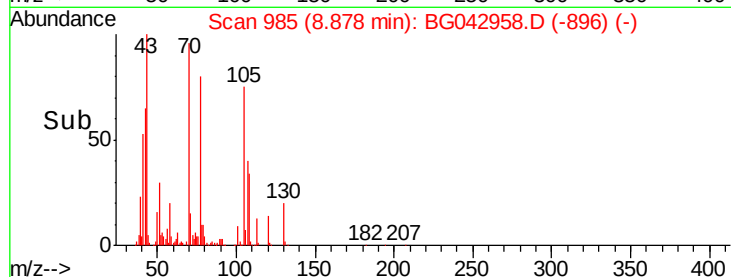
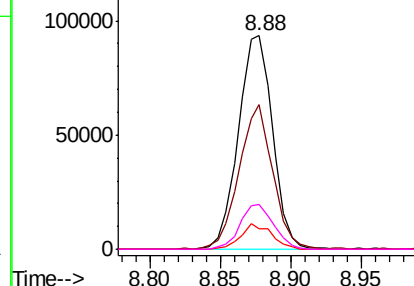
#19
n-Nitroso-di-n-propylamine
Concen: 40.844 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 158430
Ion Ratio Lower Upper
70 100
42 67.5 52.6 79.0
101 9.4 8.7 13.1
130 20.9 15.8 23.8

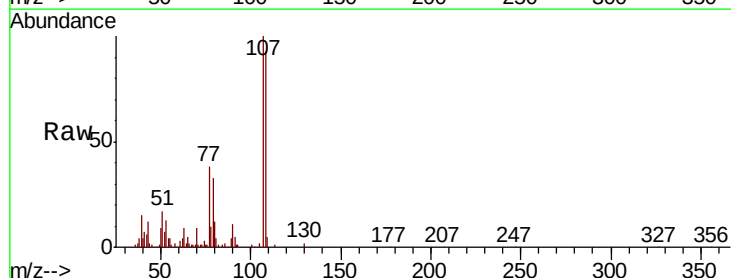


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

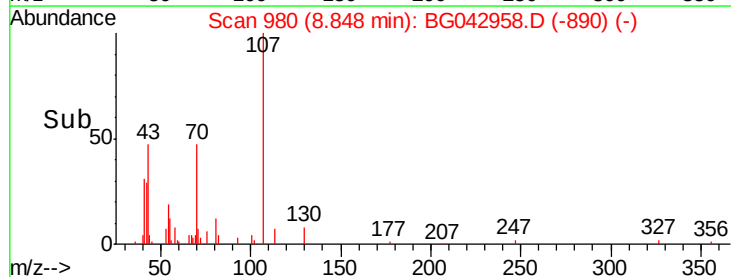
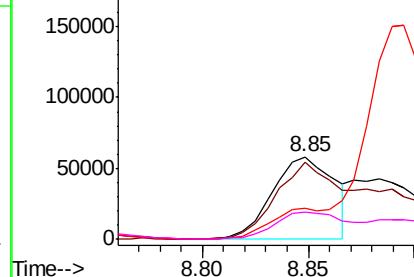


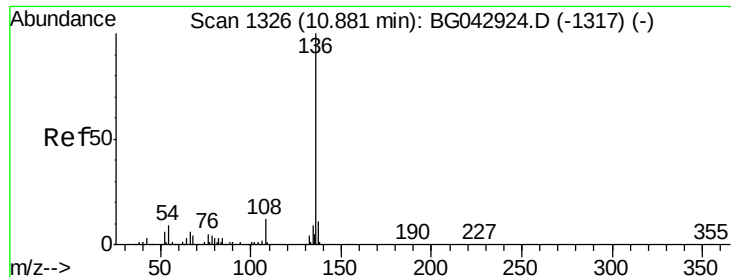
#20
3+4-Methylphenols
Concen: 22.658 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion: 107 Resp: 117753
Ion Ratio Lower Upper
107 100
108 92.7 64.9 104.9
77 37.6 19.4 59.4
79 33.5 16.2 56.2



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

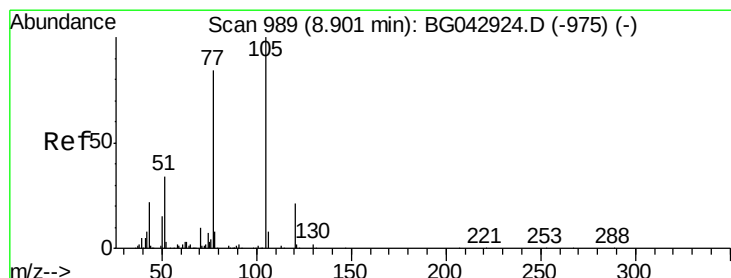
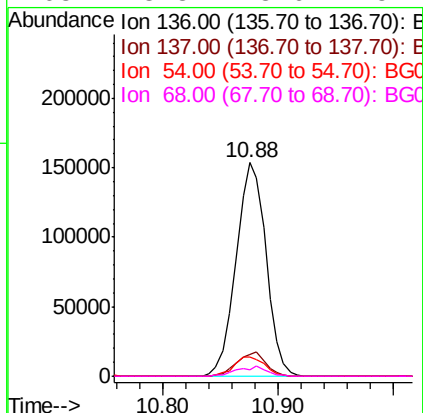
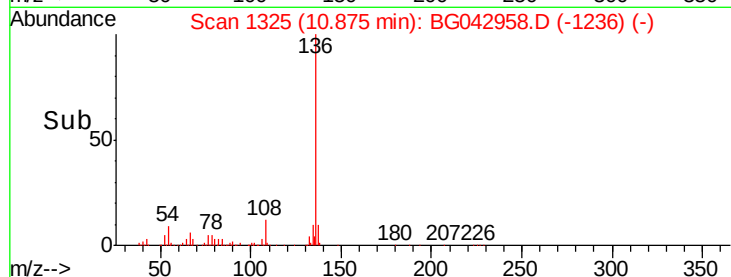
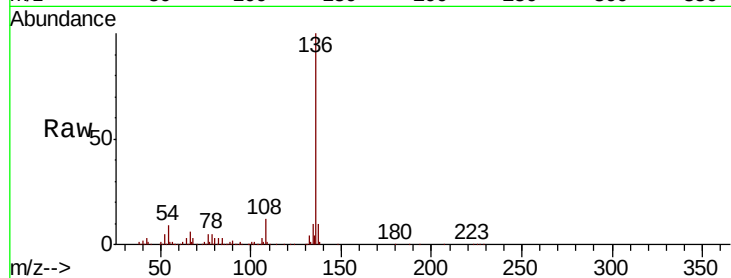




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

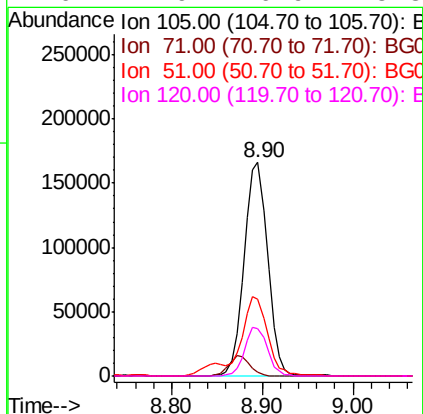
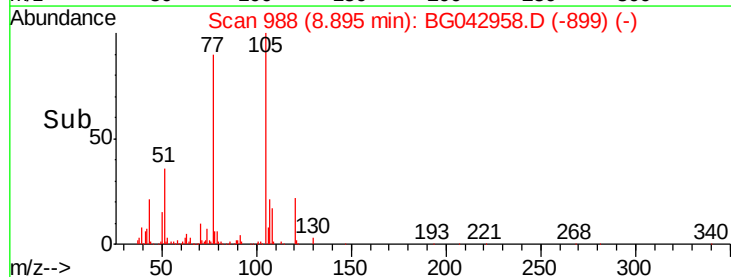
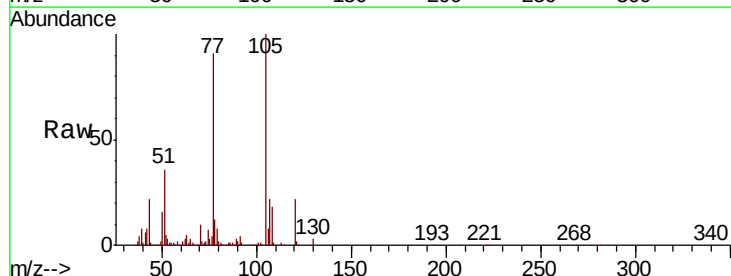
Instrument :
BNA_G
ClientSampleId :

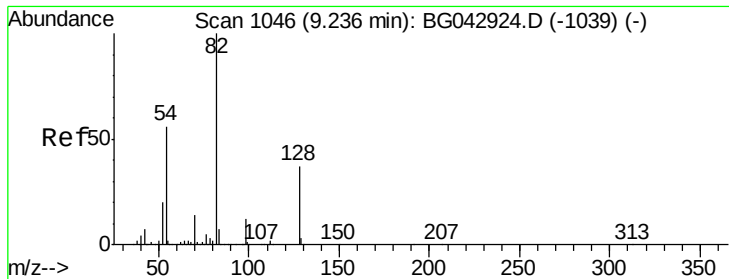
Tot Ion:136	Resp:	275980
Ion Ratio	Lower	Upper
136 100		
137 10.0	8.5	12.7
54 9.0	7.4	11.2
68 3.3	3.6	5.4#



#22
Acetophenone
Concen: 42.228 ng
RT: 8.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt	Ion:105	Resp:	300406
Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.2	1.8#
51	36.2	27.2	40.8
120	21.9	16.9	25.3

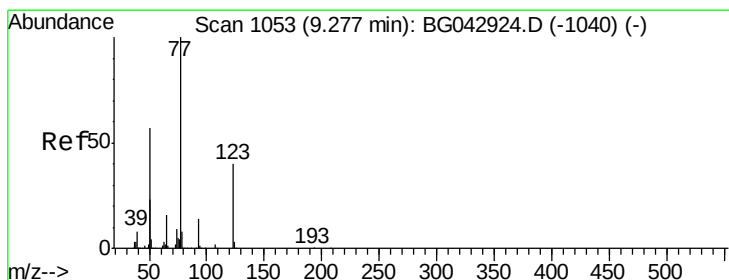
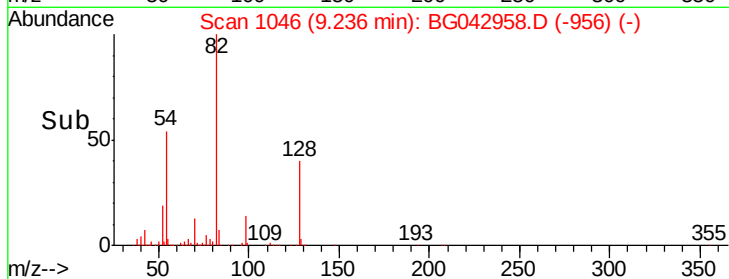
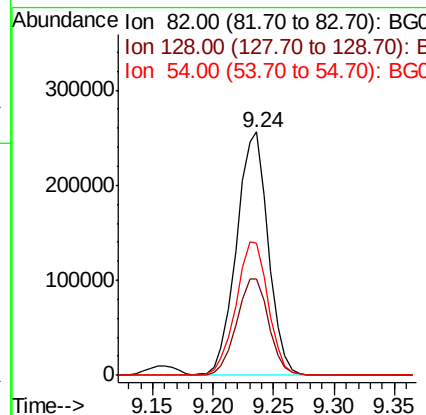
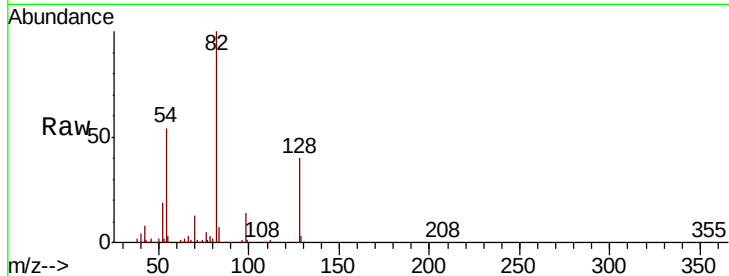




#23
 Nitrobenzene-d5
 Concen: 82.169 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

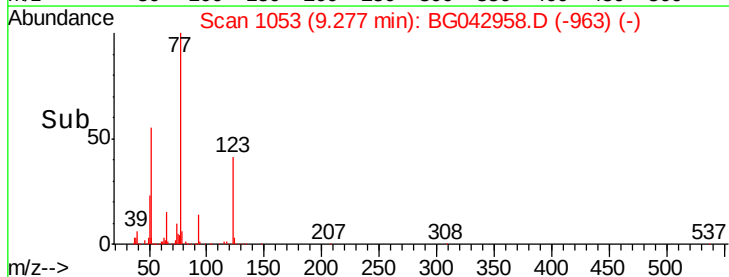
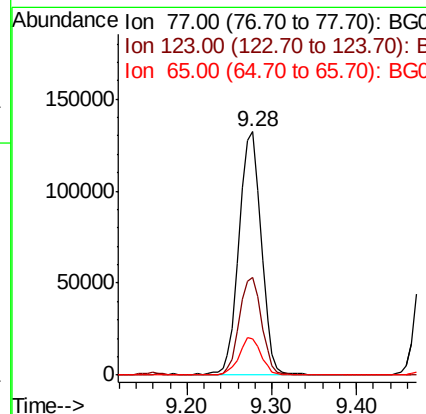
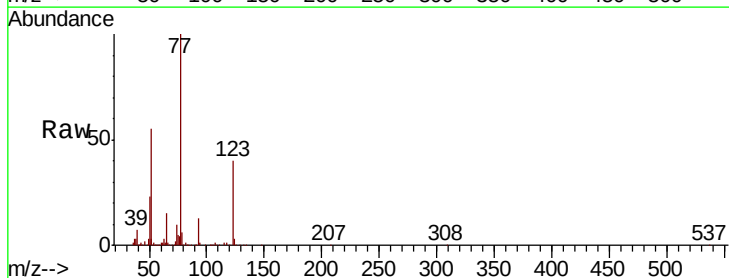
Instrument :
 BNA_G
 ClientSampled :

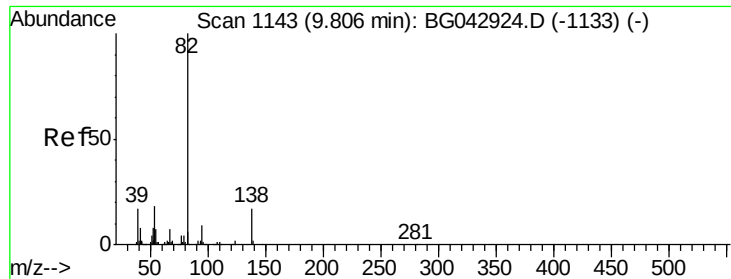
Tot Ion	82	Resp	466553
Ion Ratio	Lower	Upper	
82	100		
128	39.8	29.5	44.3
54	54.2	44.6	67.0



#24
 Nitrobenzene
 Concen: 43.969 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	77	Resp	238133
Ion Ratio	Lower	Upper	
77	100		
123	40.0	31.9	47.9
65	15.1	12.4	18.6





#25

Isophorone

Concen: 44.568 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

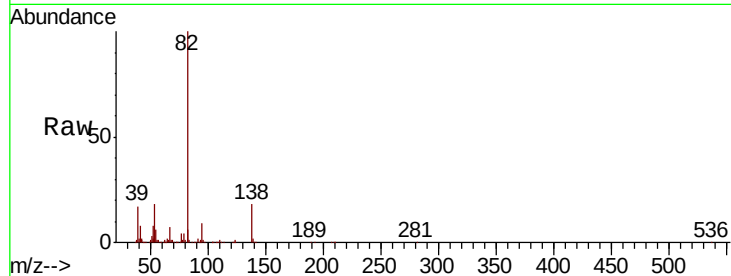
Tot Ion: 82 Resp: 444504

Ion Ratio Lower Upper

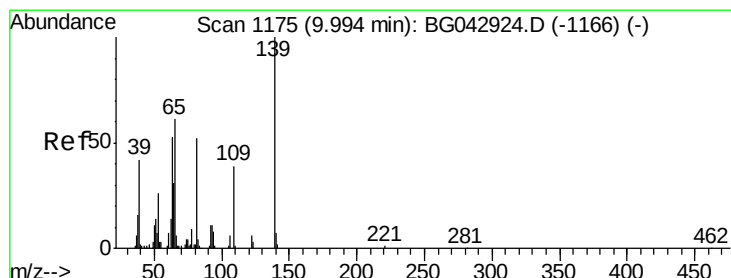
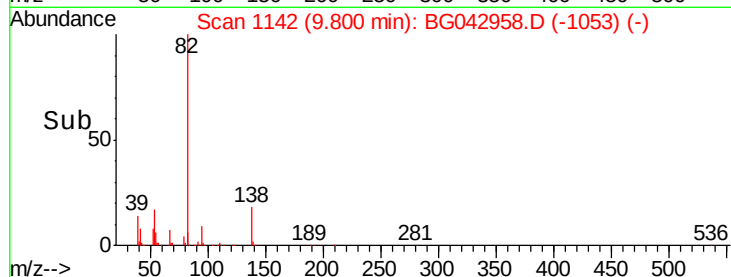
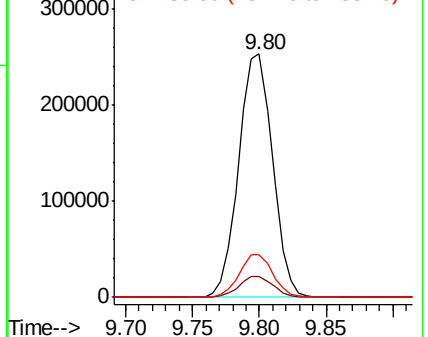
82 100

95 8.8 7.0 10.4

138 17.7 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: 50.678 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

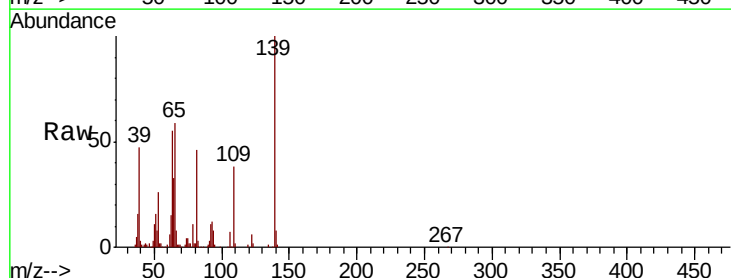
Tgt Ion: 139 Resp: 116842

Ion Ratio Lower Upper

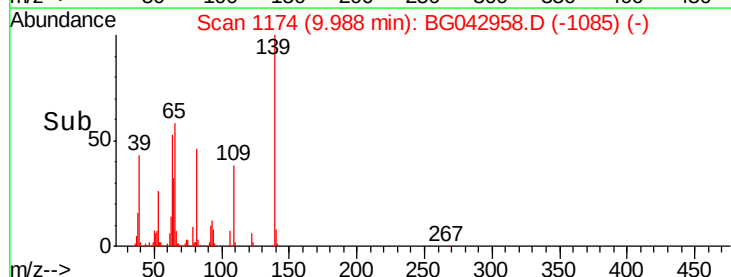
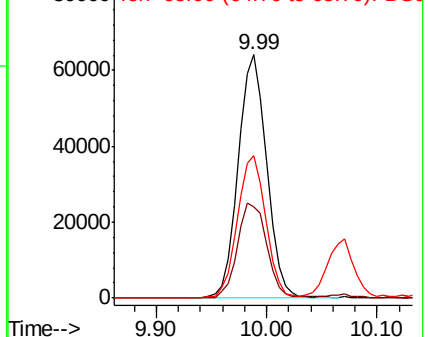
139 100

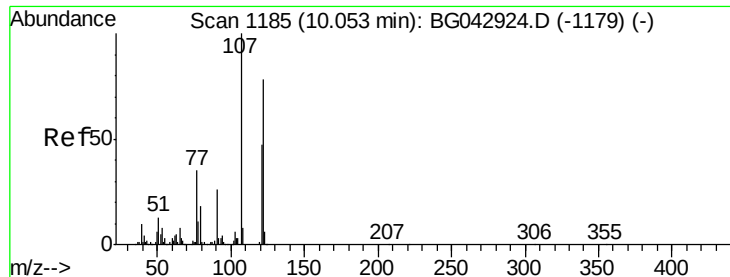
109 37.8 31.0 46.6

65 58.7 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

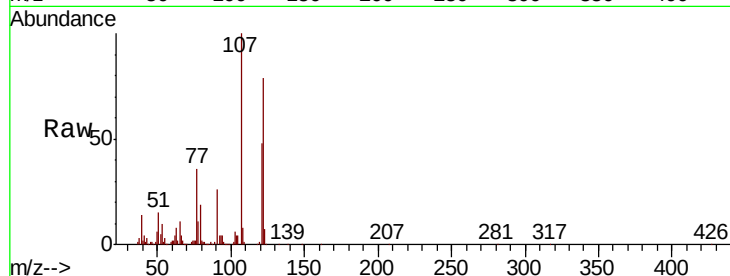




#27
 2,4-Dimethylphenol
 Concen: 55.998 ng
 RT: 10.07 min Scan# 1188
 Delta R.T. 0.02 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.0	102.2	153.2
121	60.8	48.5	72.7

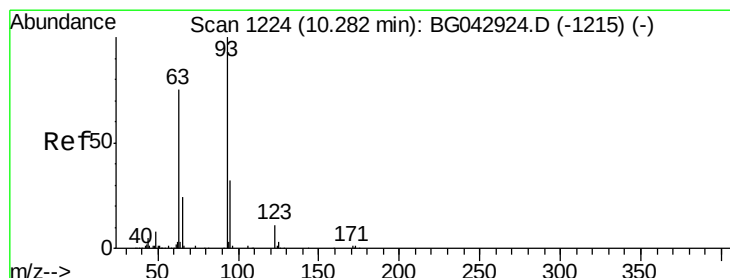
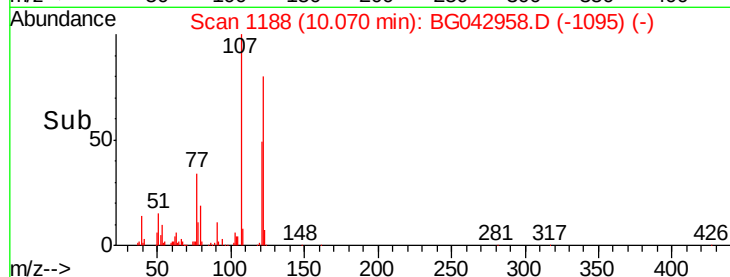
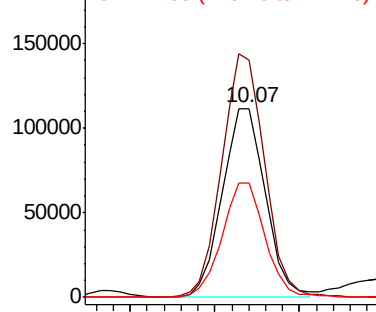


Abundance

Ion 122.00 (121.70 to 122.70): E

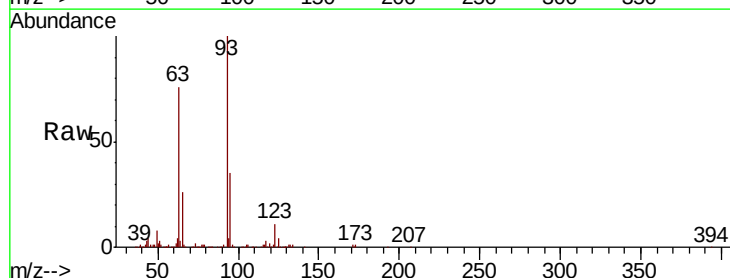
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.017 ng
 RT: 10.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.3	25.4	38.0
123	10.9	9.3	13.9

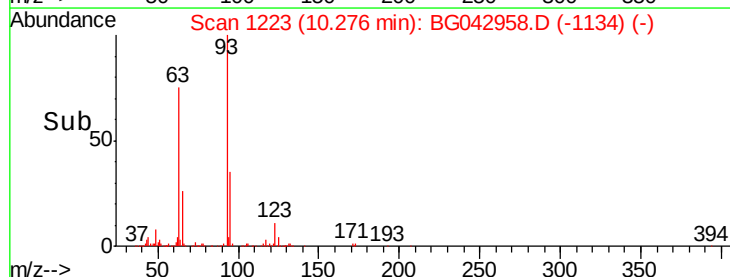
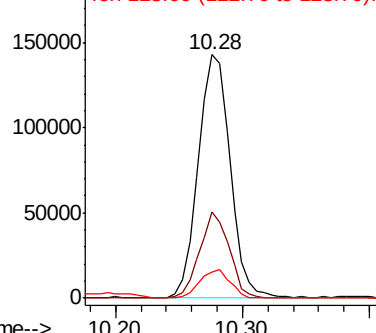


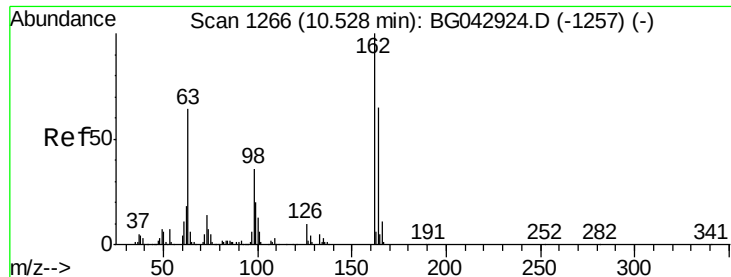
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

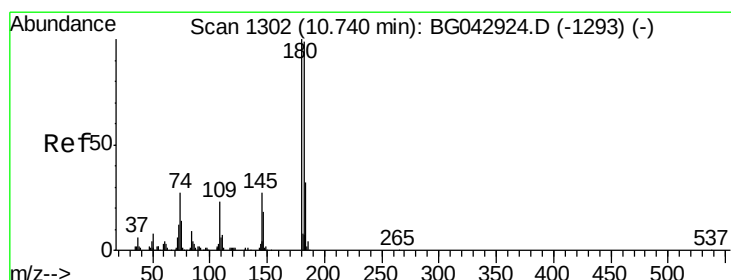
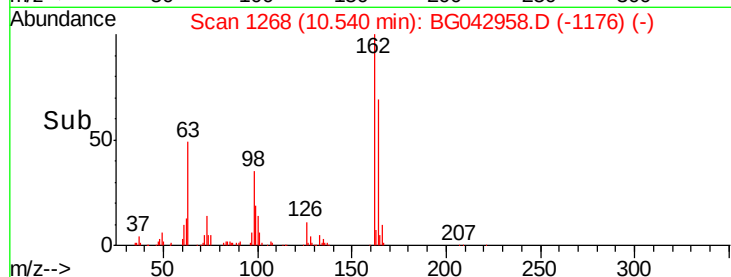
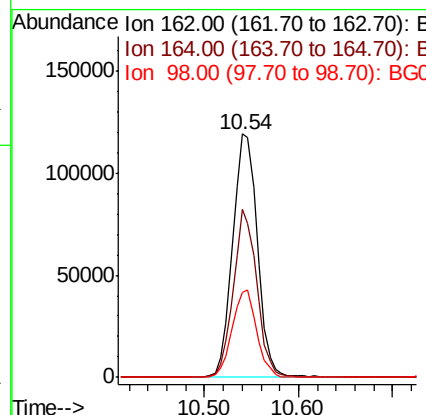
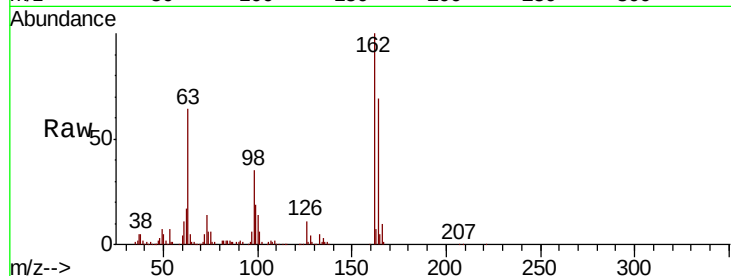




#29
 2,4-Dichlorophenol
 Concen: 49.593 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

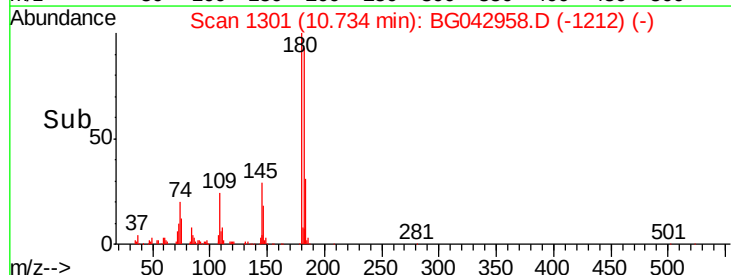
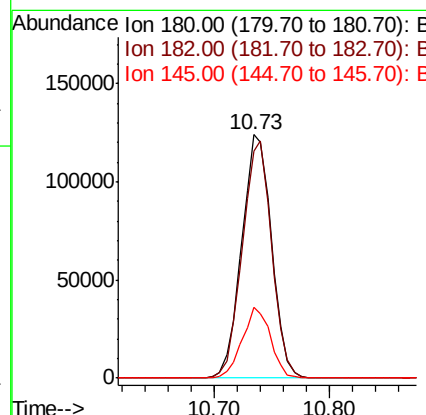
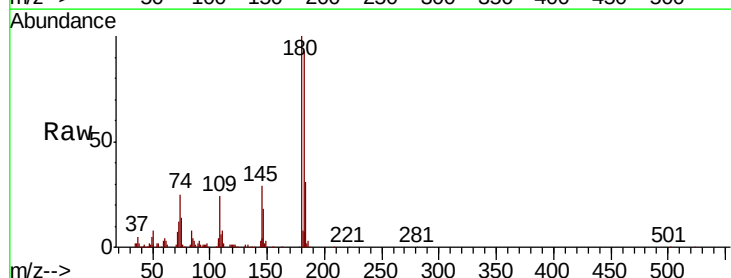
Instrument :
 BNA_G
 ClientSampleId :

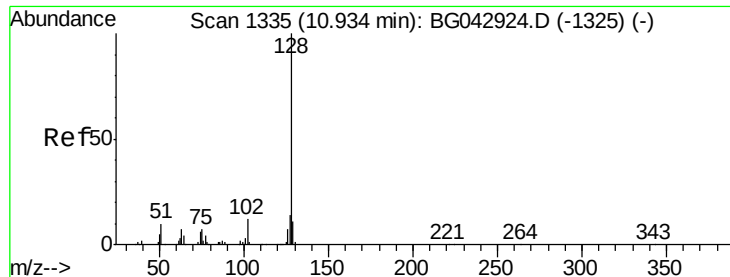
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.0	44.7	84.7
98	34.8	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.054 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	79.3	118.9
145	28.9	22.0	33.0

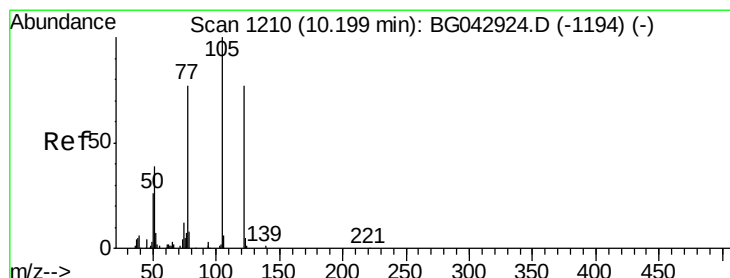
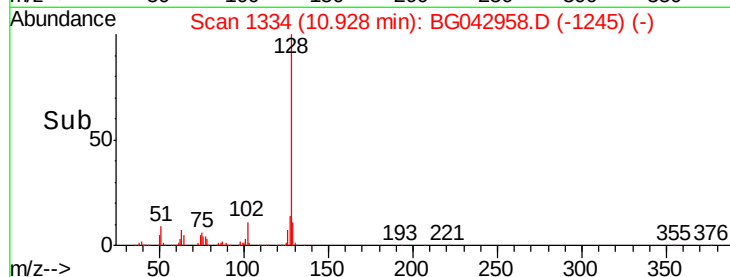
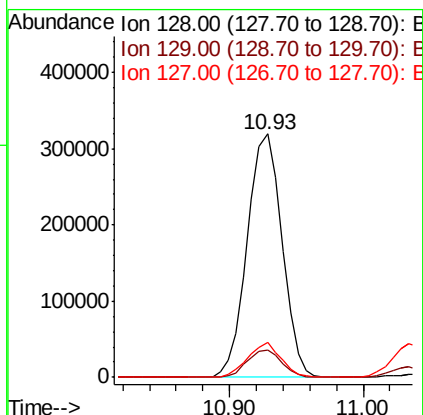
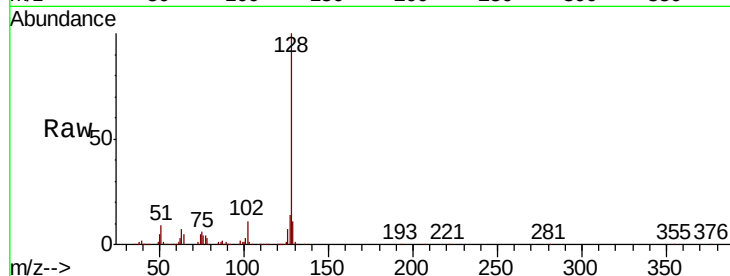




#31
Naphthalene
Concen: 42.438 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

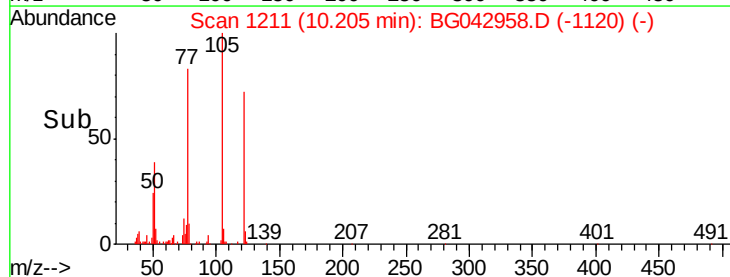
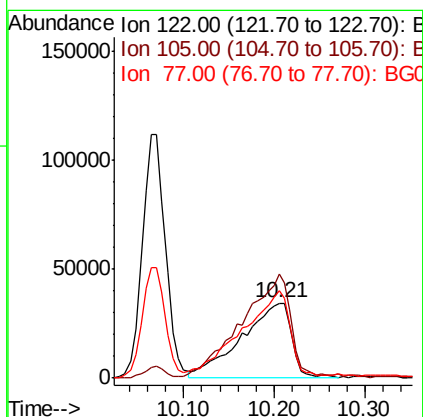
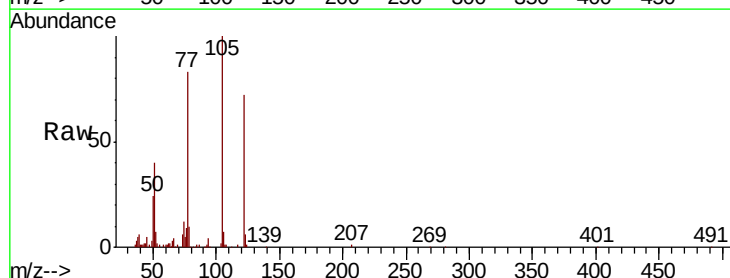
Instrument :
BNA_G
ClientSampleId :

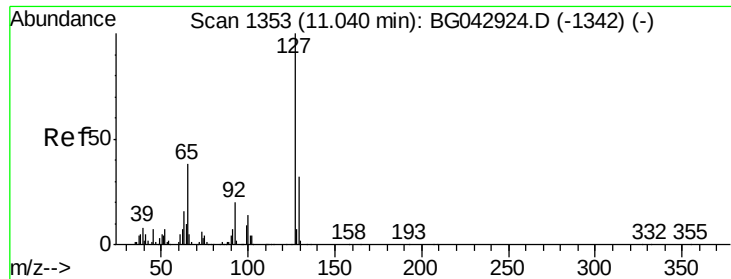
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	14.2	11.3	16.9



#32
Benzoic acid
Concen: 48.430 ng
RT: 10.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.0	107.5	147.5
77	115.8	79.8	119.8

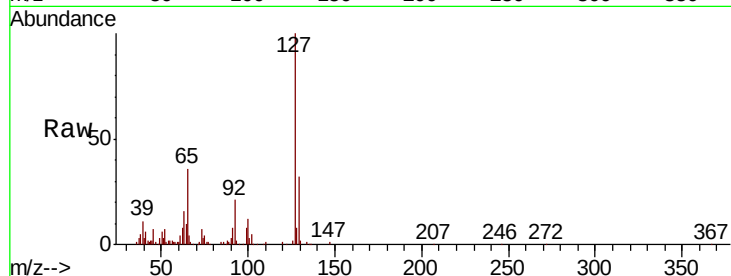




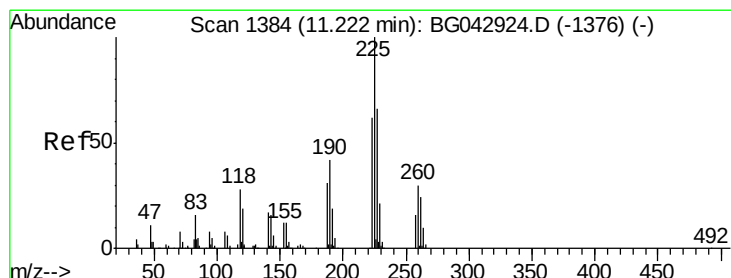
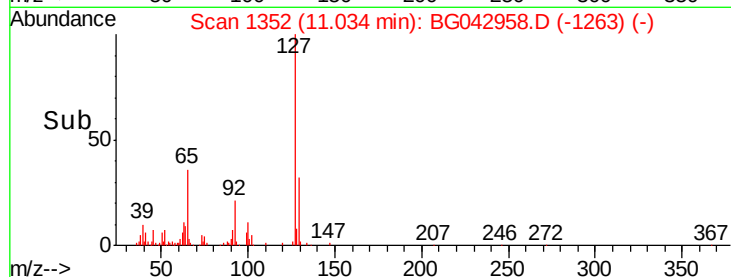
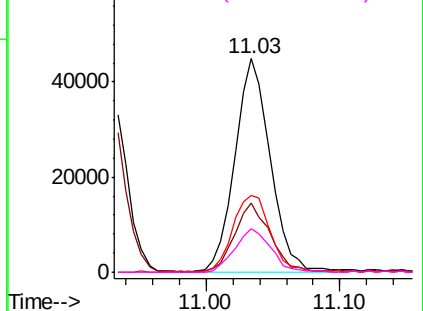
#33
4-Chloroaniline
Concen: 14.014 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	82613	
Ion Ratio	Lower	Upper	
127 100			
129 32.3	26.2	39.2	
65 36.0	30.6	45.8	
92 20.5	16.2	24.4	

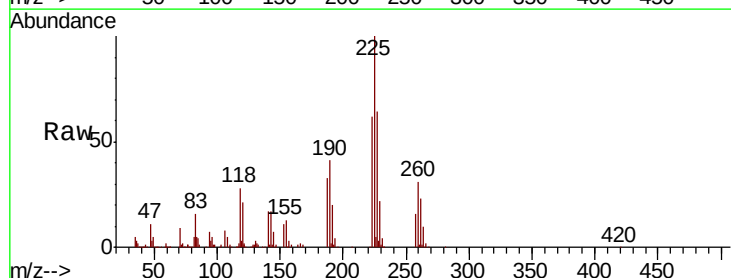


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

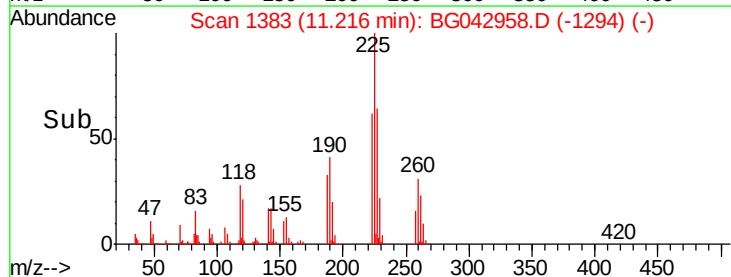
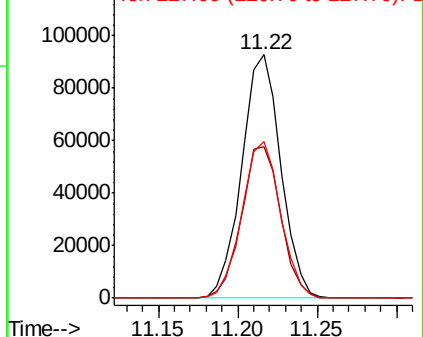


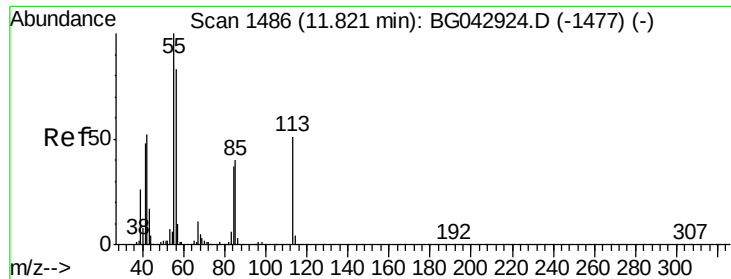
#34
Hexachlorobutadiene
Concen: 37.306 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt	Ion:225	Resp:	158844
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.3	73.9
227	64.3	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: 43.837 ng

RT: 11.82 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

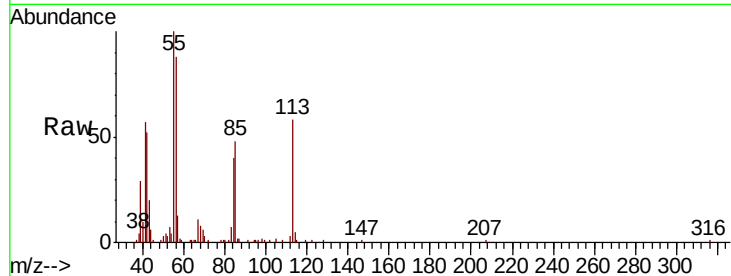
Tot Ion:113 Resp: 68075

Ion Ratio Lower Upper

113 100

55 171.3 175.5 215.5#

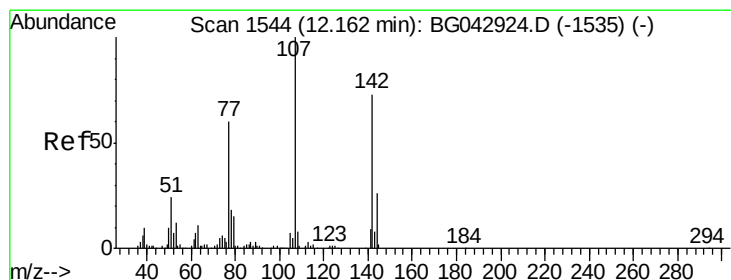
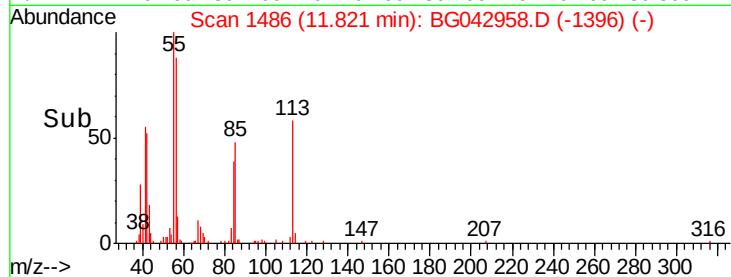
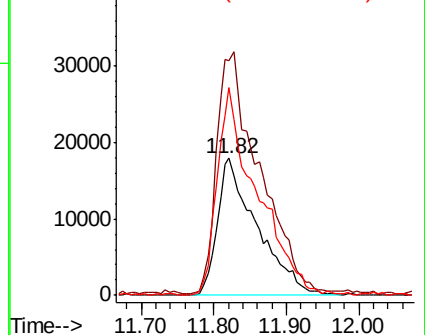
56 150.9 142.3 182.3



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: 50.745 ng

RT: 12.16 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

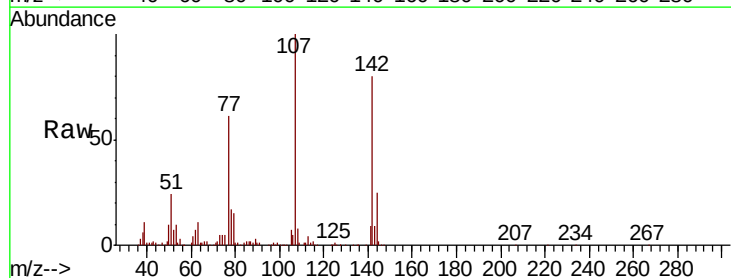
Tgt Ion:107 Resp: 242964

Ion Ratio Lower Upper

107 100

144 24.9 20.7 31.1

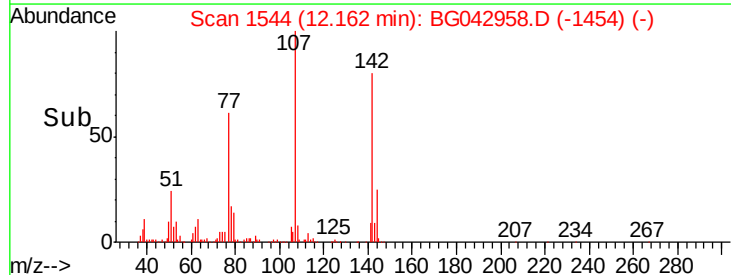
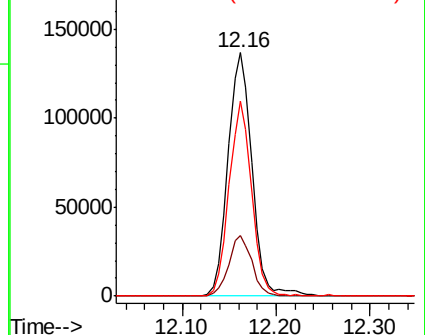
142 80.0 58.6 87.8

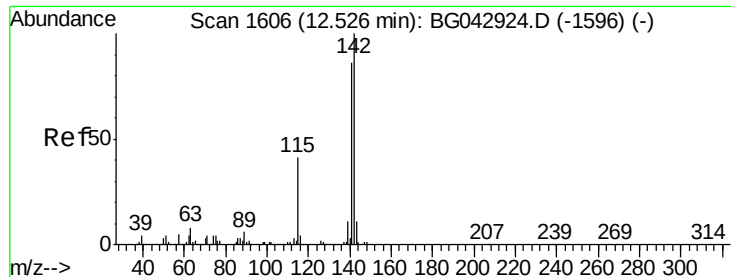


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

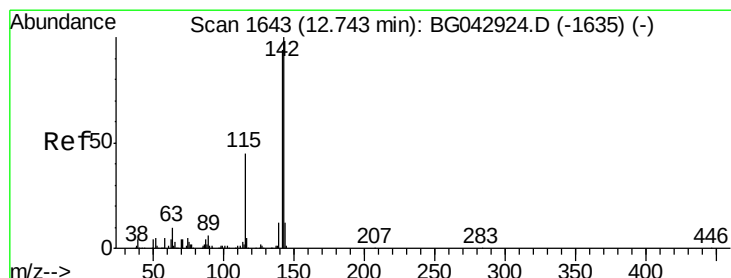
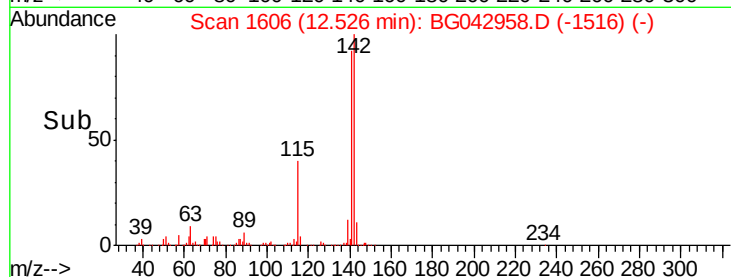
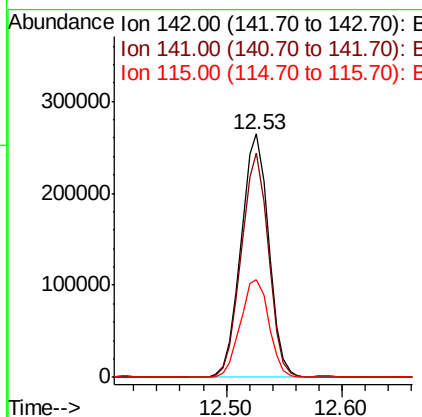
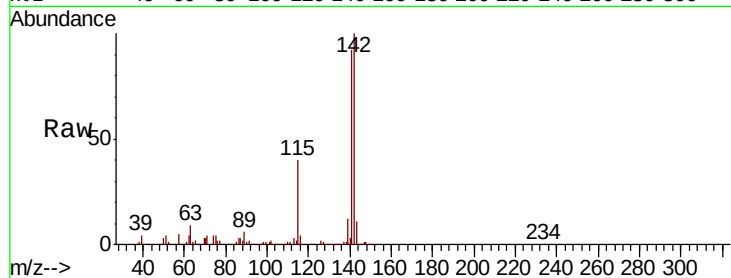




#37
 2-Methylnaphthalene
 Concen: 42.515 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

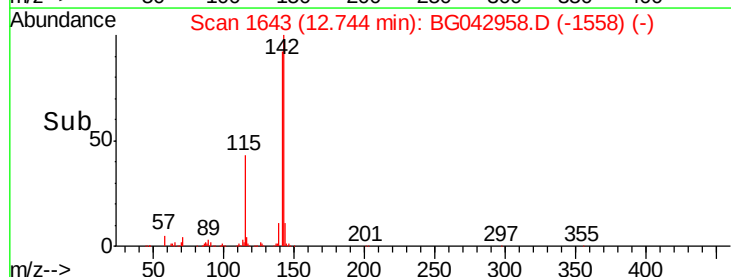
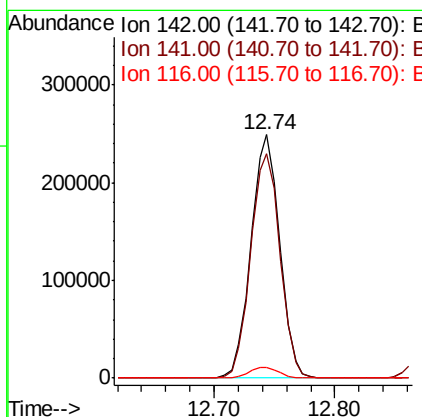
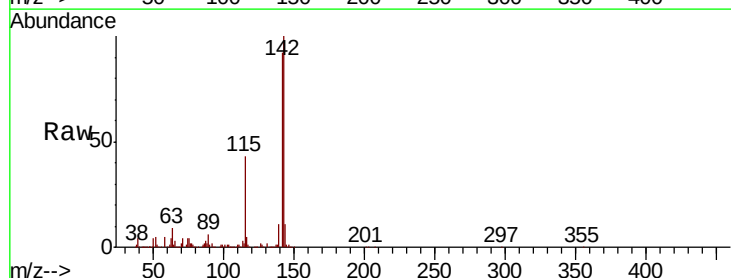
Instrument :
 BNA_G
 ClientSampleId :

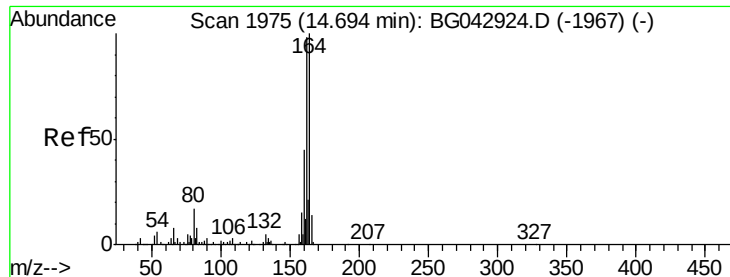
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	69.0	103.4
115	40.3	32.8	49.2



#38
 1-Methylnaphthalene
 Concen: 42.014 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	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: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

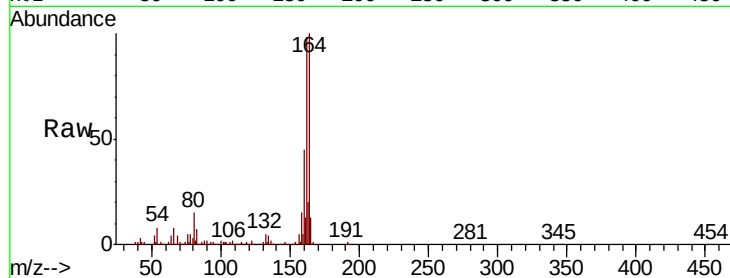
Tot Ion:164 Resp: 199586

Ion Ratio Lower Upper

164 100

162 97.5 78.5 117.7

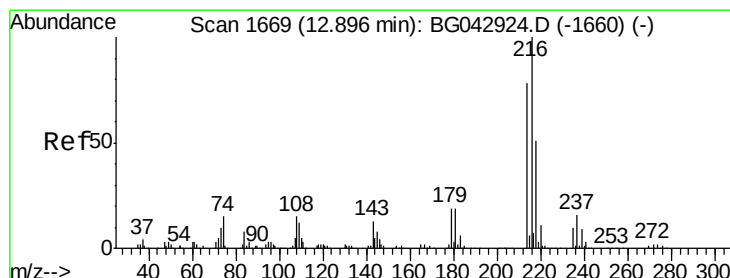
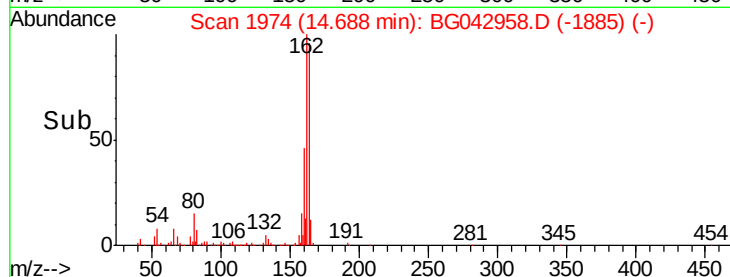
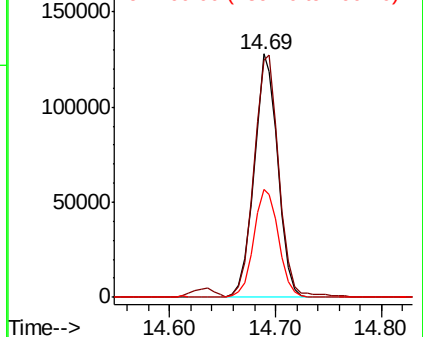
160 44.5 35.9 53.9



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: 38.488 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion:216 Resp: 288823

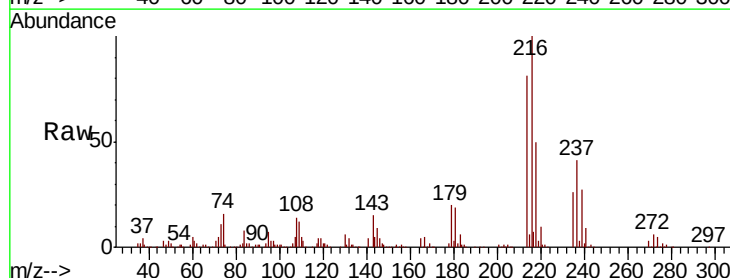
Ion Ratio Lower Upper

216 100

214 77.8 62.4 93.6

179 19.5 15.4 23.2

108 17.0 12.6 19.0

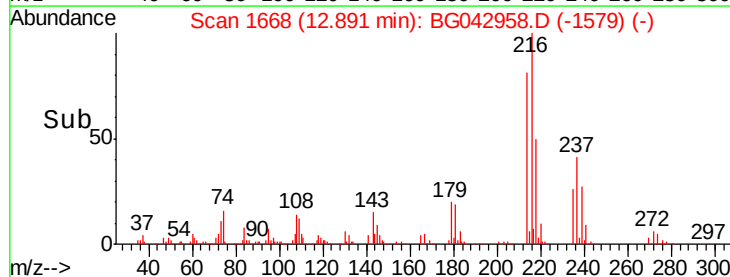
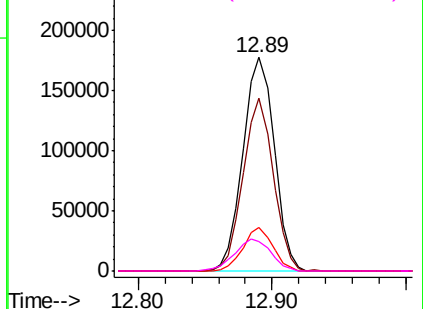


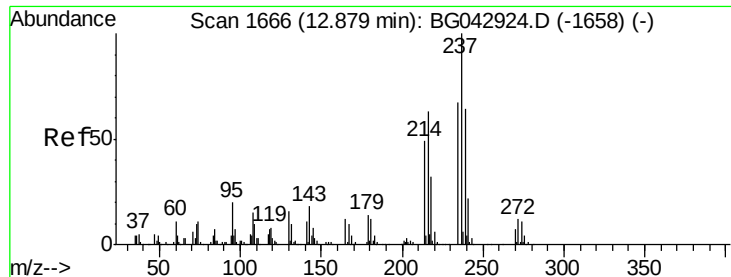
Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.533 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

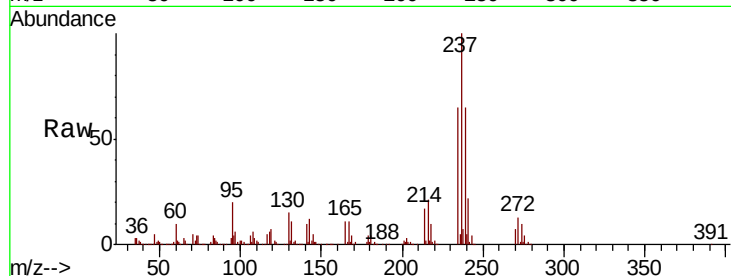
Tot Ion:237 Resp: 394622

Ion Ratio Lower Upper

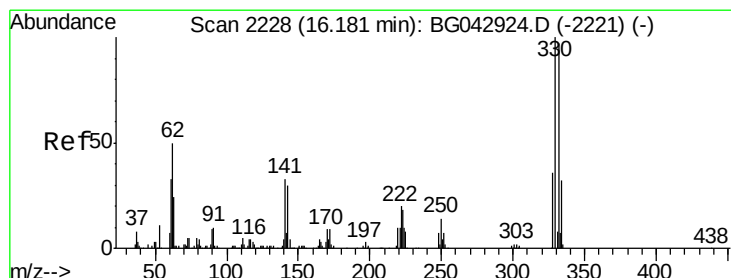
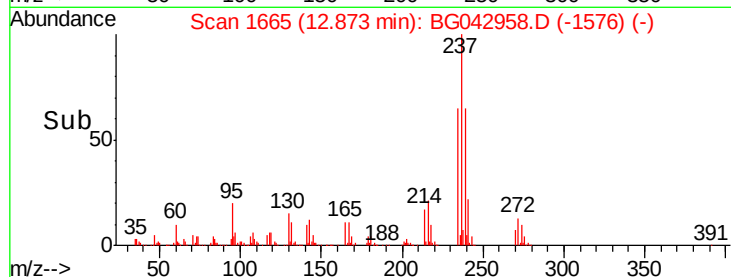
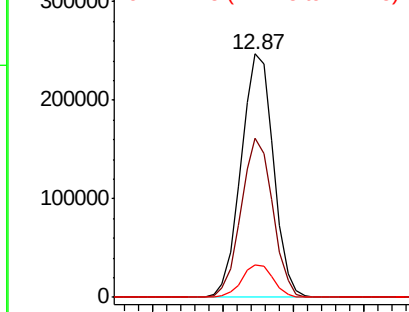
237 100

235 65.4 46.7 86.7

272 13.4 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: 128.389 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

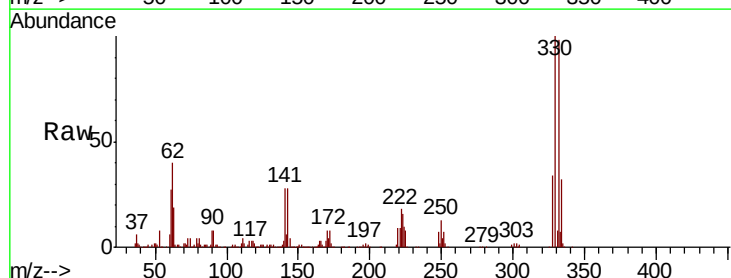
Tgt Ion:330 Resp: 440632

Ion Ratio Lower Upper

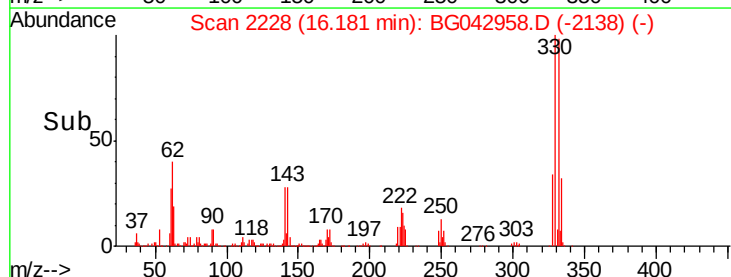
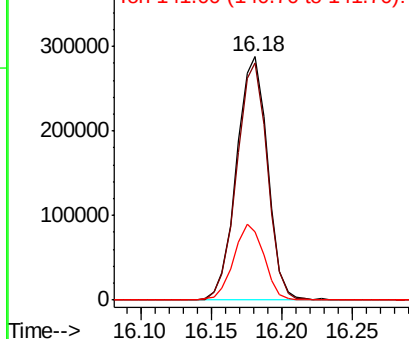
330 100

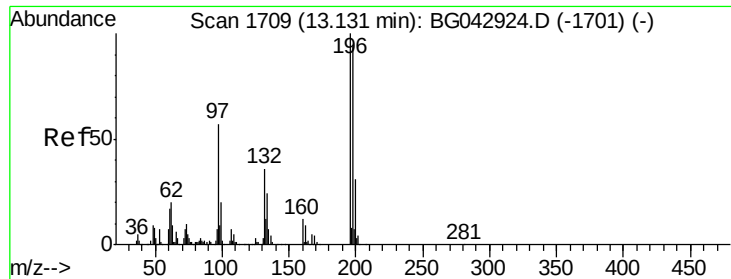
332 96.4 78.2 117.2

141 30.9 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

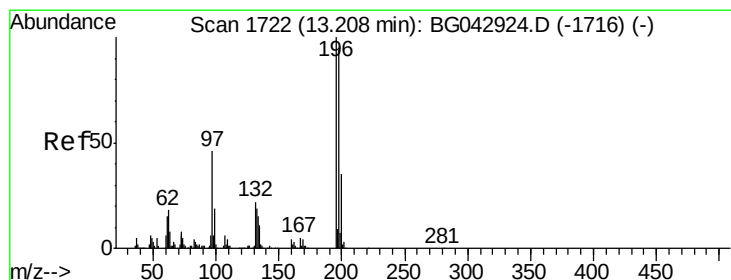
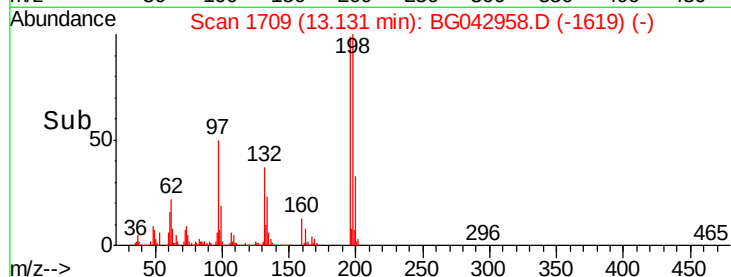
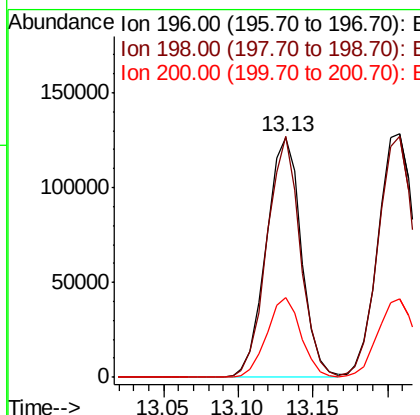
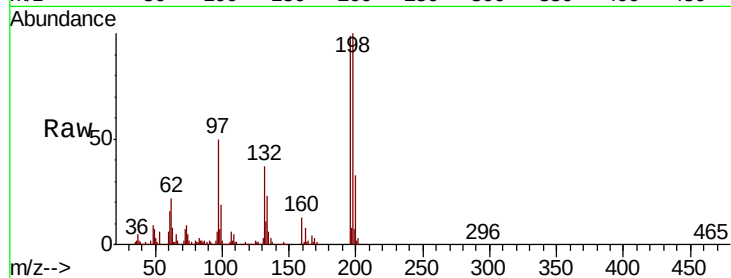




#43
 2,4,6-Trichlorophenol
 Concen: 46.935 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

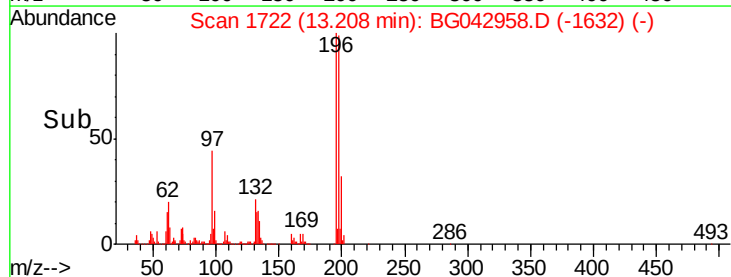
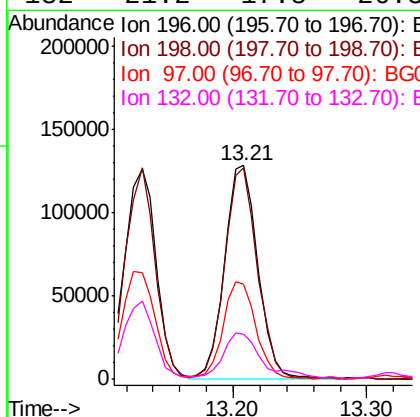
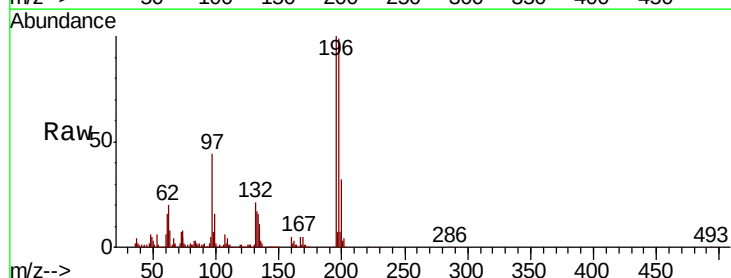
Instrument :
 BNA_G
 ClientSampleId :

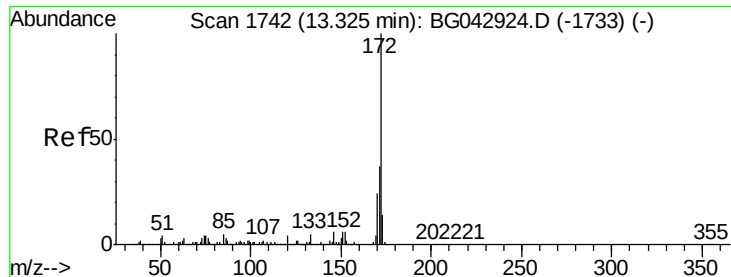
Tot Ion	196	Resp	206152
Ion Ratio	Lower	Upper	
196	100		
198	100.6	75.5	113.3
200	33.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.076 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	196	Resp	222057
Ion Ratio	Lower	Upper	
196	100		
198	98.9	75.1	112.7
97	44.2	37.0	55.4
132	21.2	17.5	26.3

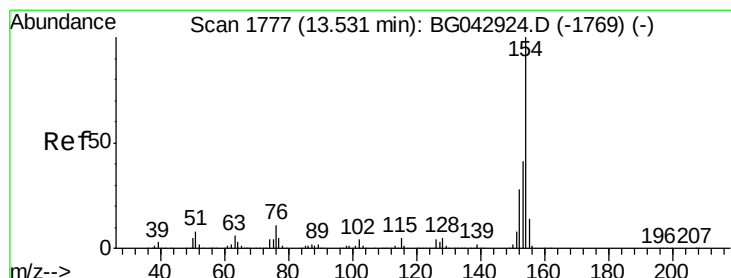
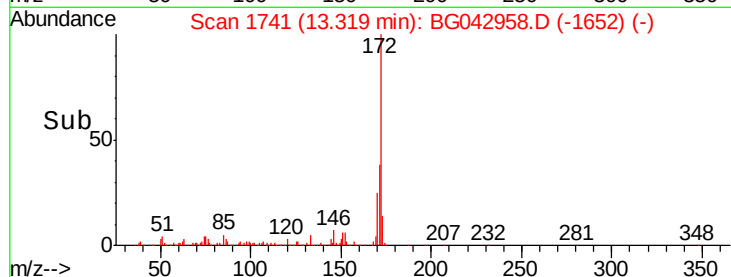
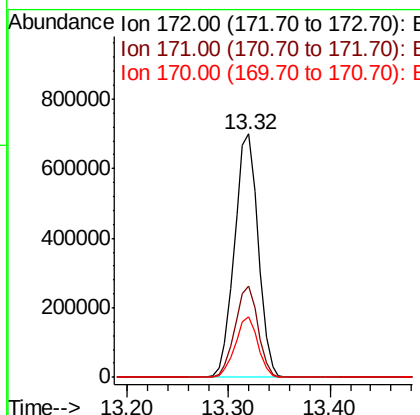
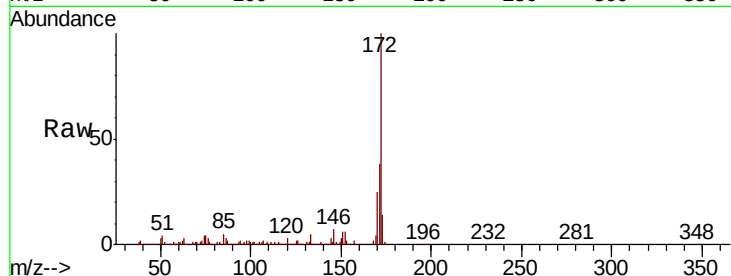




#45
2-Fluorobiphenyl
Concen: 82.351 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

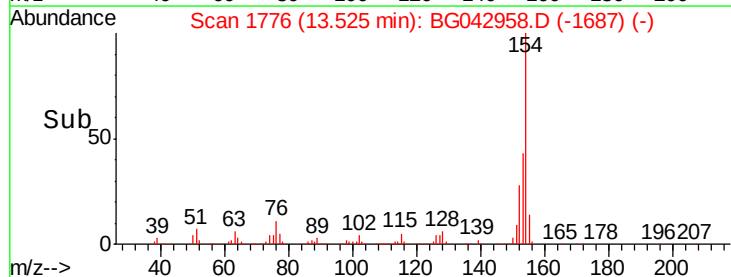
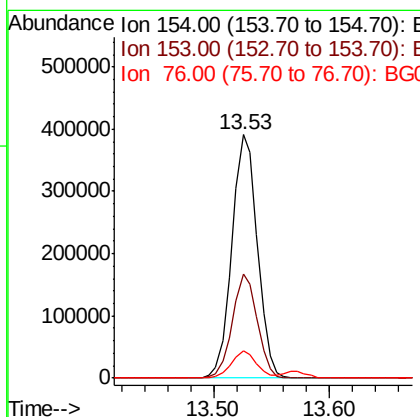
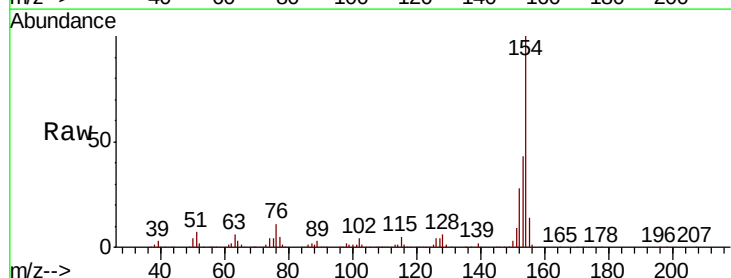
Instrument :
BNA_G
ClientSampleId :

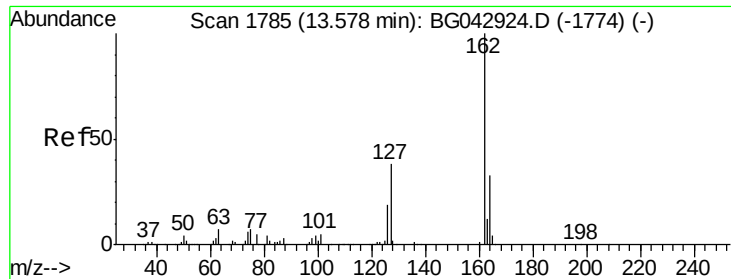
Tot Ion:172 Resp: 1133759
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 24.7 19.6 29.4



#46
1,1'-Biphenyl
Concen: 39.281 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion:154 Resp: 594536
Ion Ratio Lower Upper
154 100
153 42.5 21.4 61.4
76 11.2 0.0 31.3

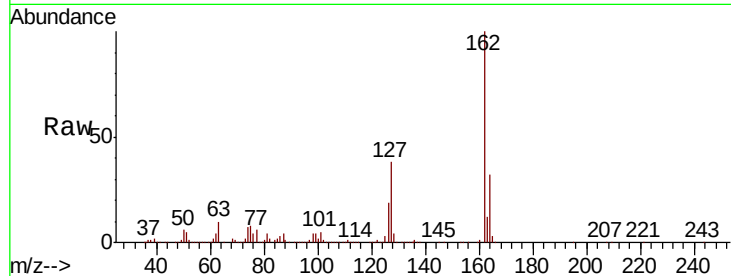




#47
2-Chloronaphthalene
Concen: 40.509 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.6
164	31.6	26.2	39.2

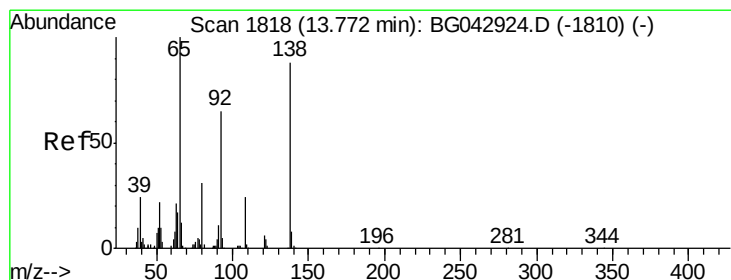
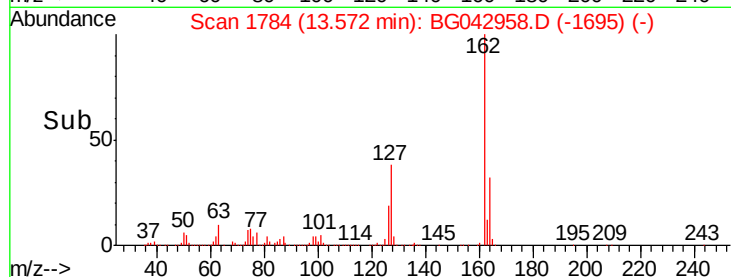
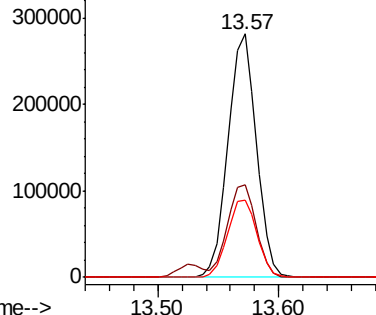


Abundance

Ion 162.00 (161.70 to 162.70): E

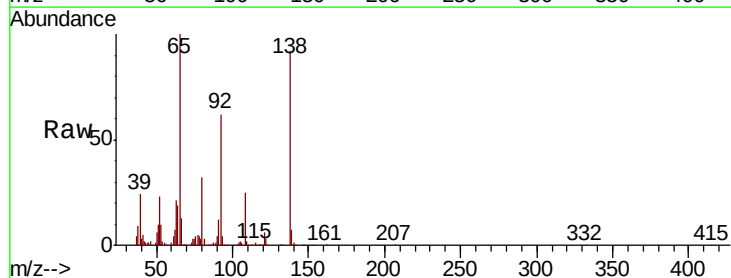
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 46.338 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	52.0	78.0
138	91.8	70.4	105.6

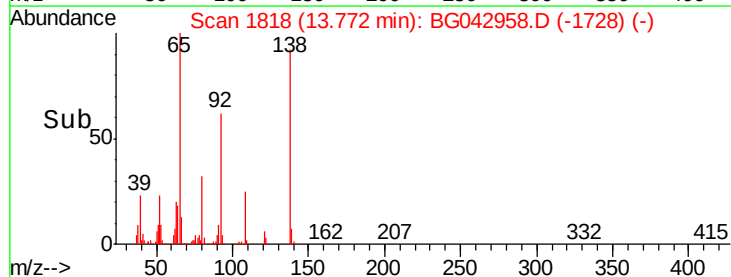
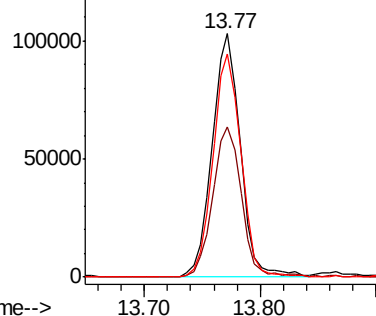


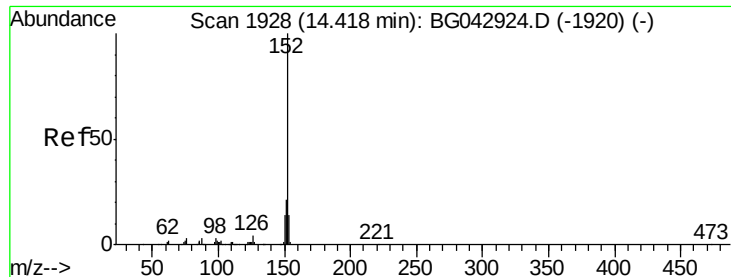
Abundance

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: 43.013 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

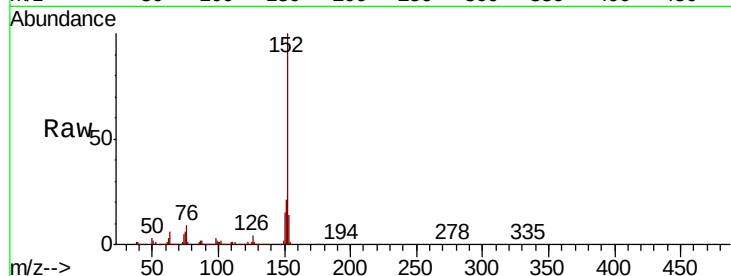
Tot Ion:152 Resp: 746867

Ion Ratio Lower Upper

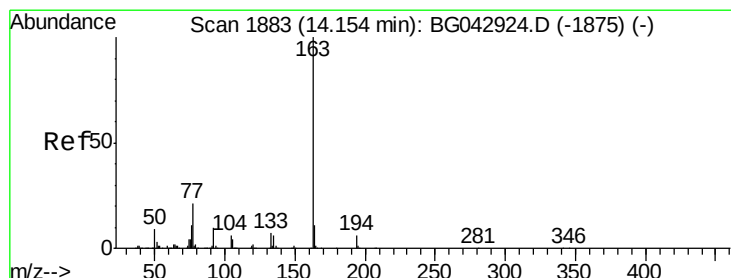
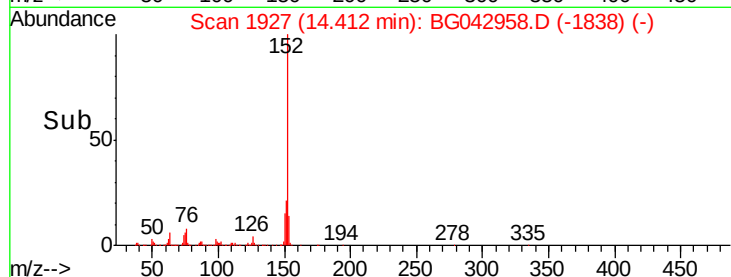
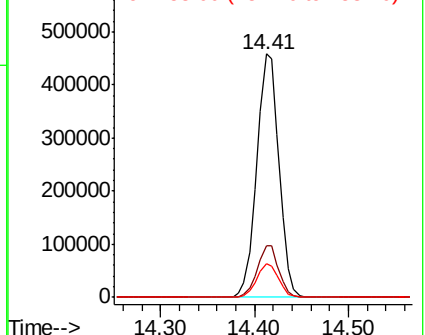
152 100

151 21.3 16.8 25.2

153 13.9 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: 50.633 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

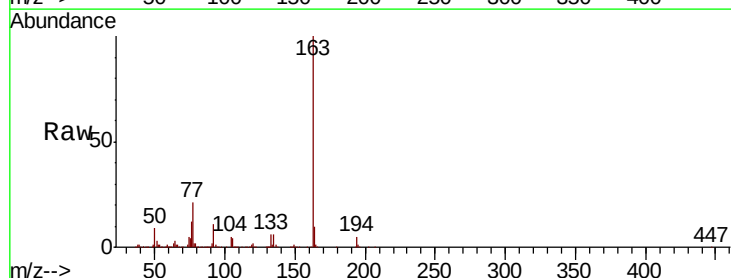
Tgt Ion:163 Resp: 757172

Ion Ratio Lower Upper

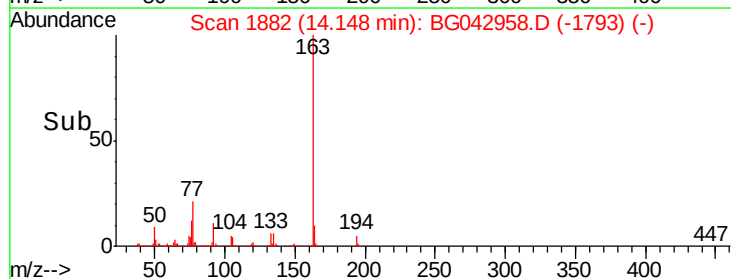
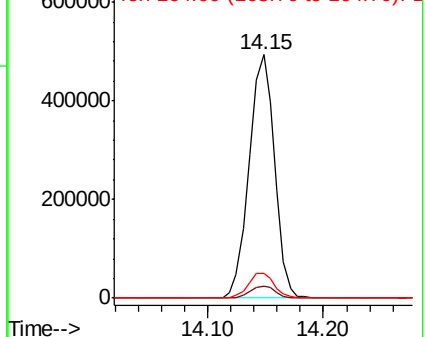
163 100

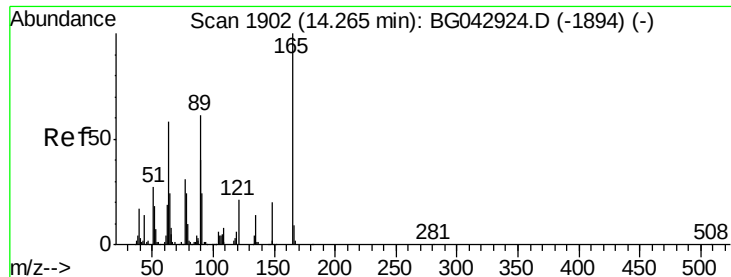
194 5.0 4.4 6.6

164 10.3 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: 46.620 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampled :

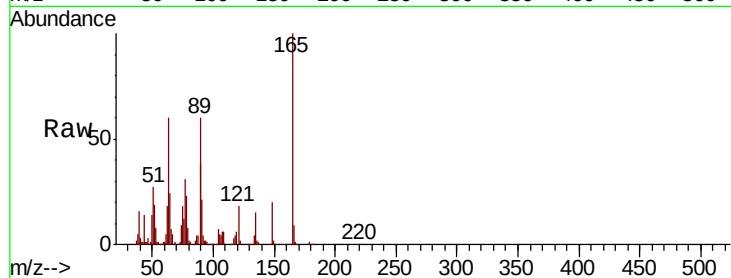
Tot Ion:165 Resp: 148468

Ion Ratio Lower Upper

165 100

63 60.2 50.3 75.5

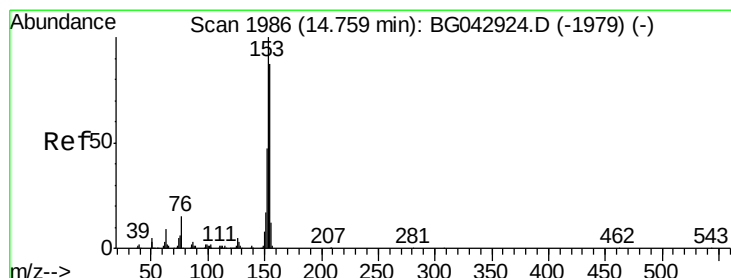
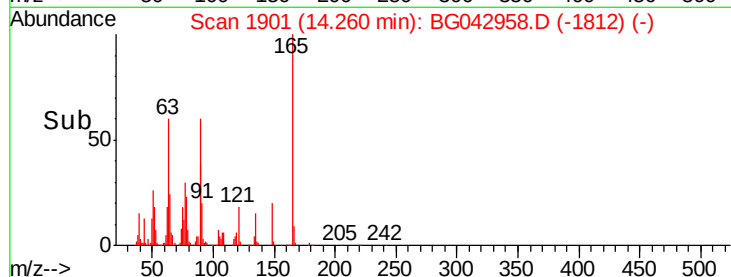
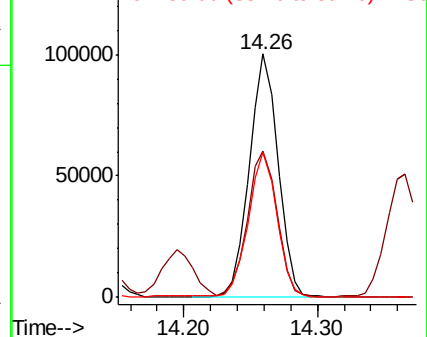
89 59.8 48.9 73.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 38.805 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

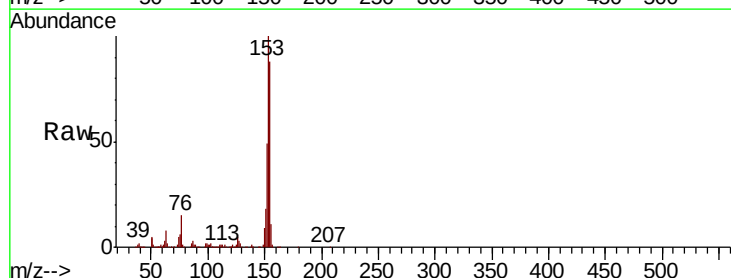
Tgt Ion:154 Resp: 451016

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.0

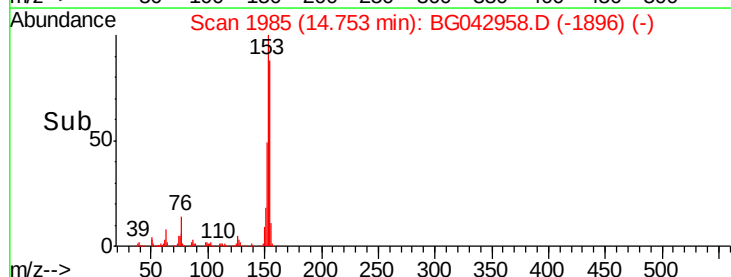
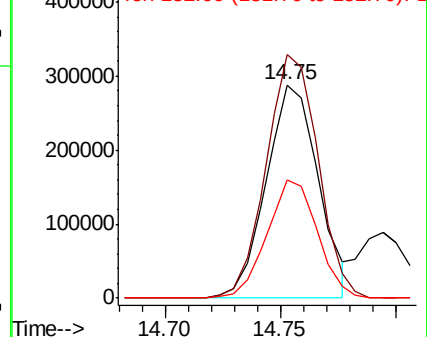
152 55.5 42.8 64.2

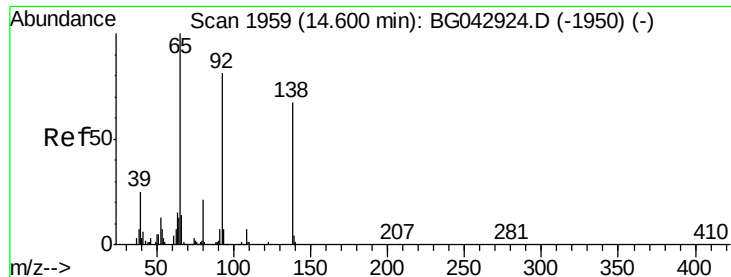


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 20.272 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

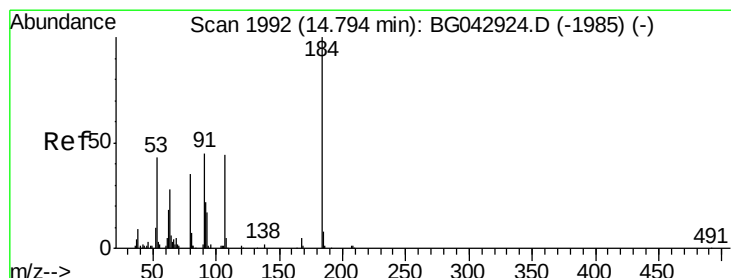
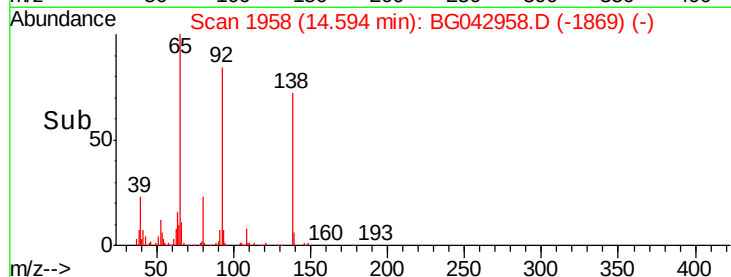
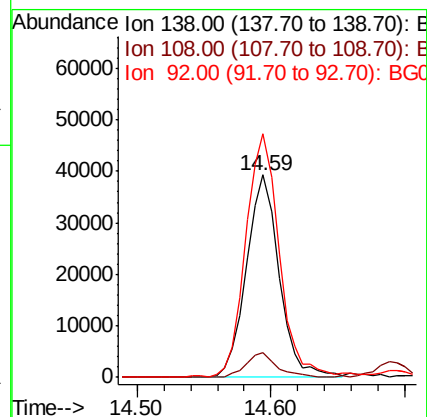
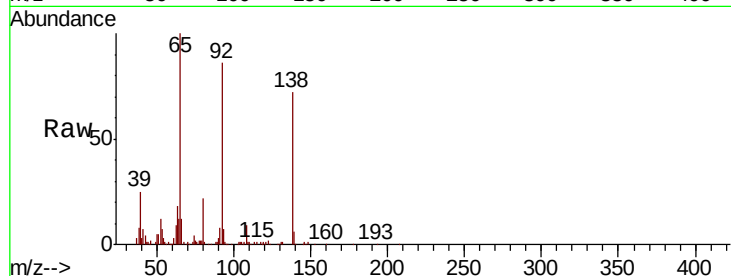
Tot Ion:138 Resp: 66718

Ion Ratio Lower Upper

138 100

108 12.0 7.9 11.9#

92 120.3 97.0 145.6



#54

2,4-Dinitrophenol

Concen: 103.370 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

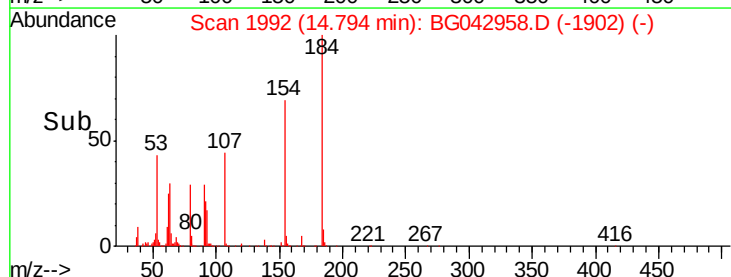
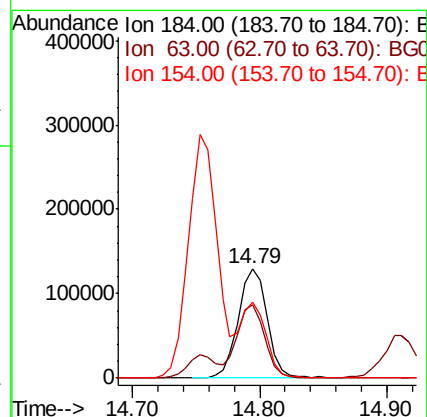
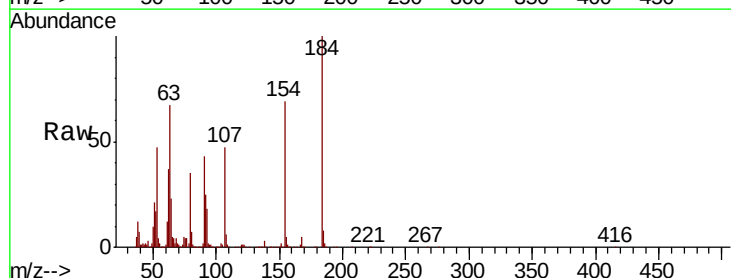
Tgt Ion:184 Resp: 204621

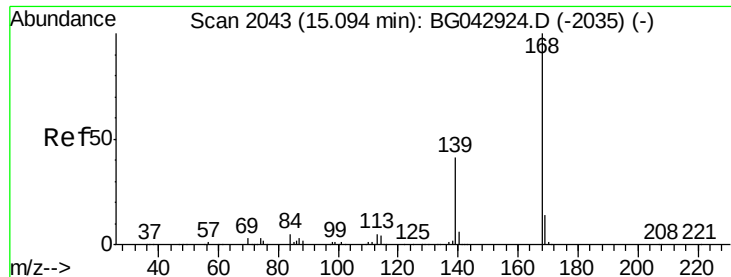
Ion Ratio Lower Upper

184 100

63 67.2 55.0 82.6

154 68.9 56.5 84.7





#55

Dibenzofuran

Concen: 42.441 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

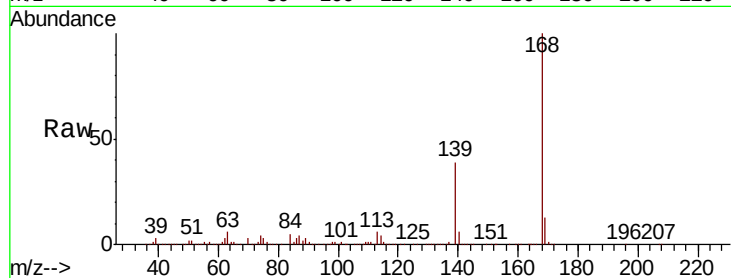
Tot Ion:168 Resp: 729680

Ion Ratio Lower Upper

168 100

139 38.8 32.6 48.8

169 12.9 11.2 16.8

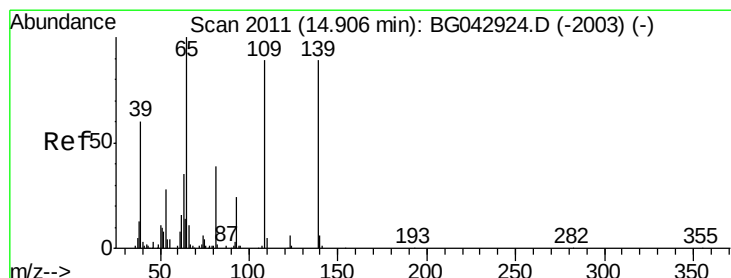
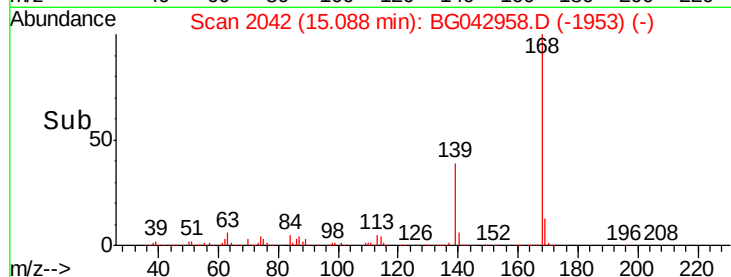
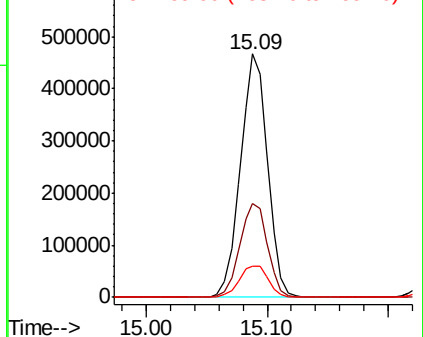


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 100.210 ng

RT: 14.91 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

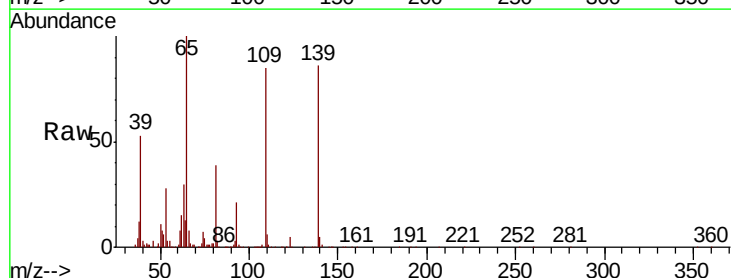
Tgt Ion:139 Resp: 251289

Ion Ratio Lower Upper

139 100

109 98.9 79.4 119.4

65 116.3 92.5 132.5

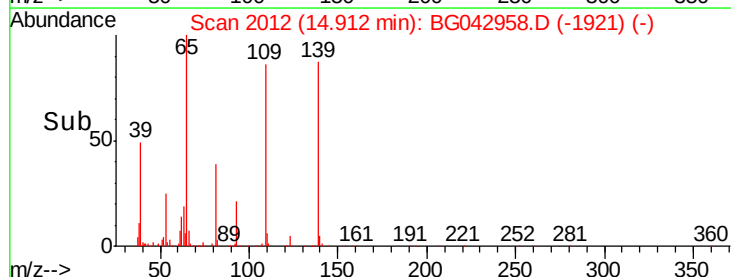
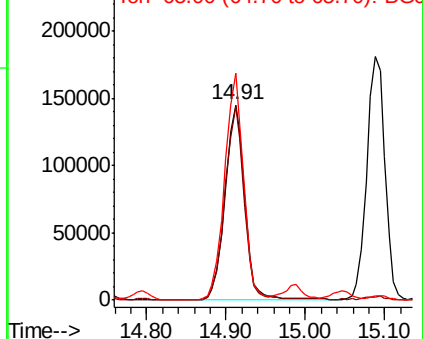


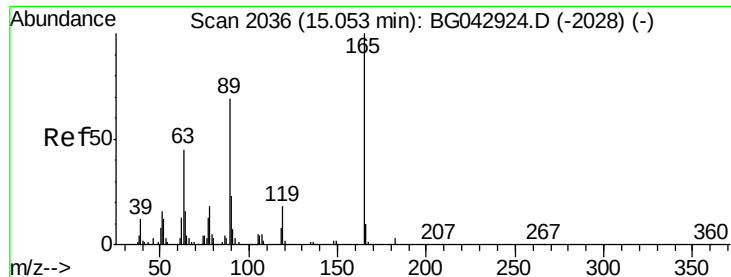
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

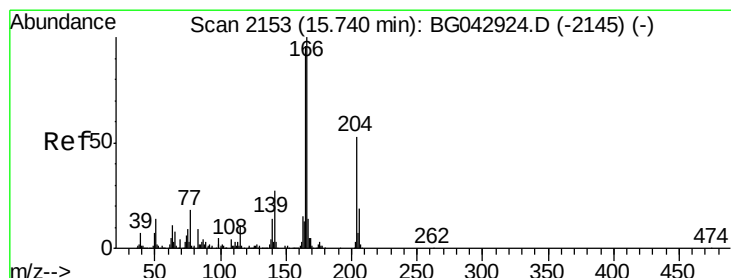
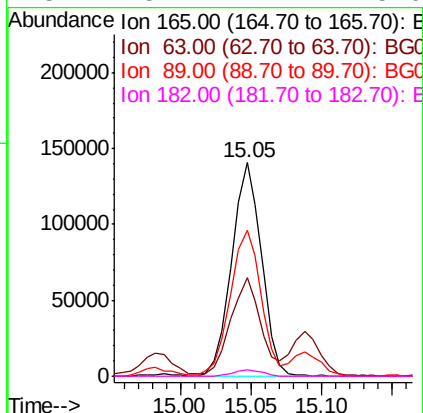
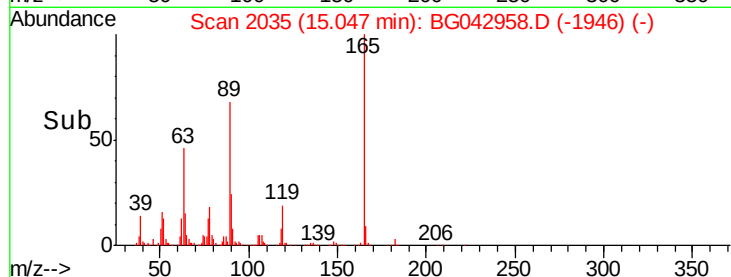
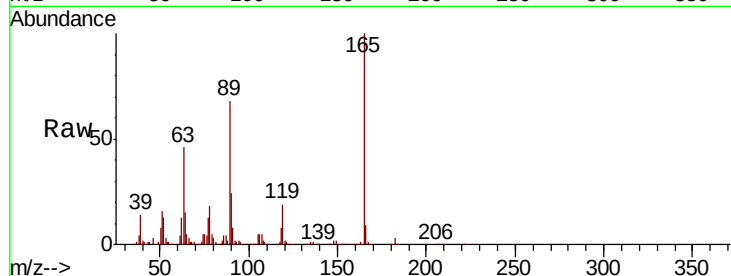




#57
 2,4-Dinitrotoluene
 Concen: 44.415 ng
 RT: 15.05 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

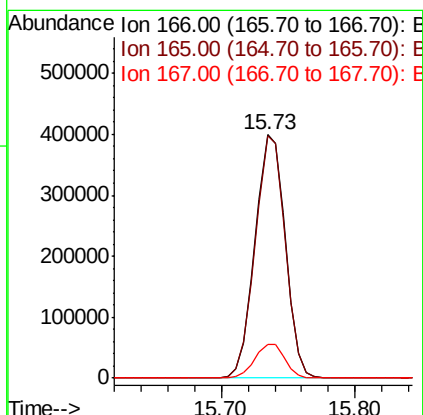
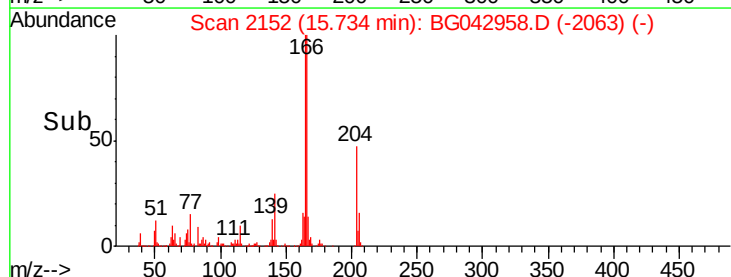
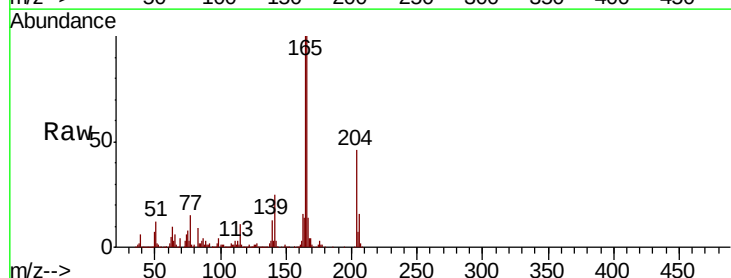
Instrument :
 BNA_G
 ClientSampleId :

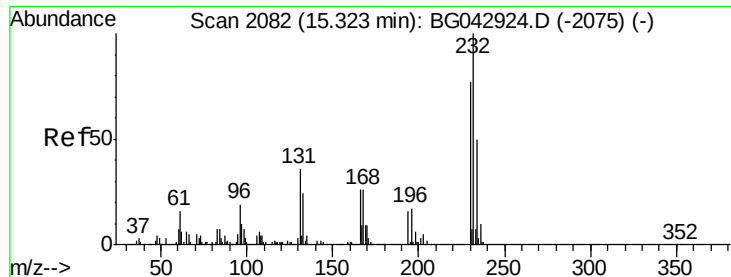
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.3	36.5	54.7
89	68.2	55.5	83.3
182	3.1	2.4	3.6



#58
 Fluorene
 Concen: 42.548 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.1	115.7
167	13.8	11.0	16.6

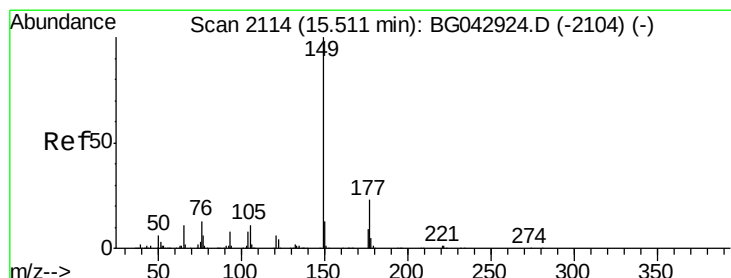
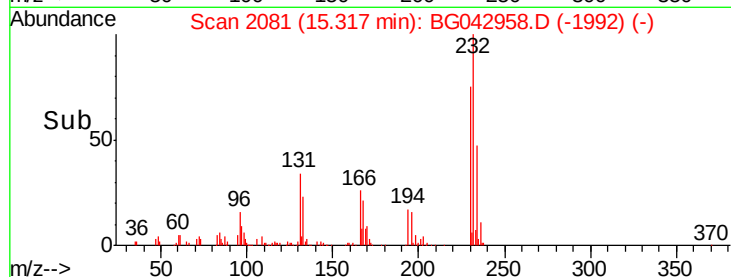
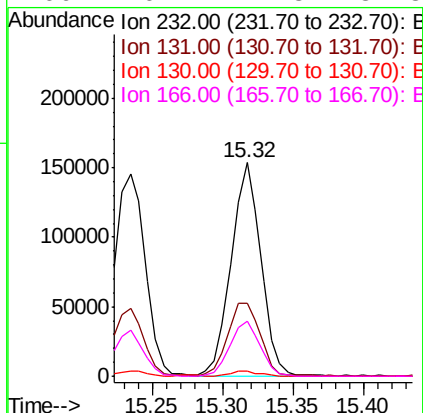
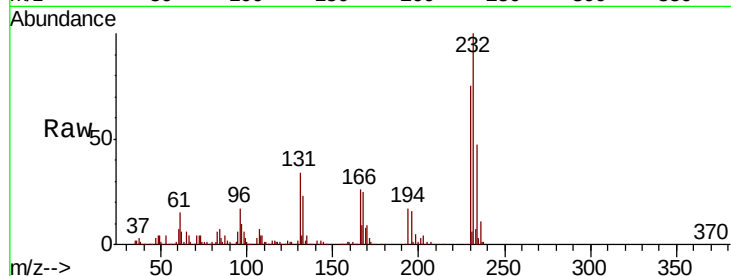




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.663 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

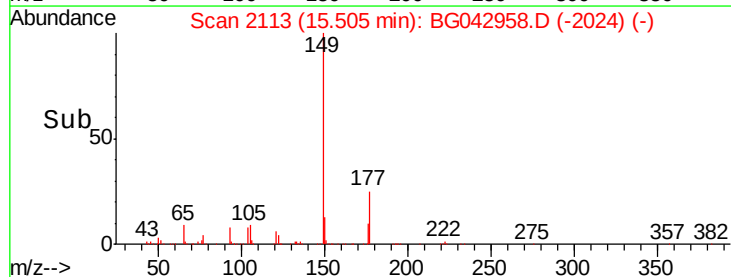
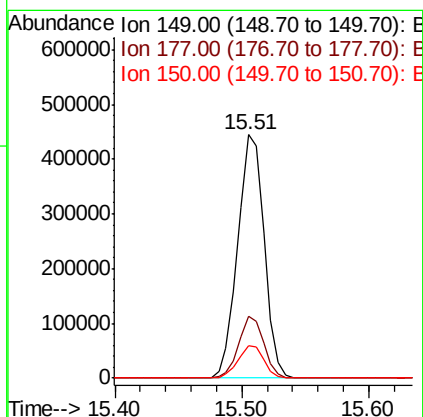
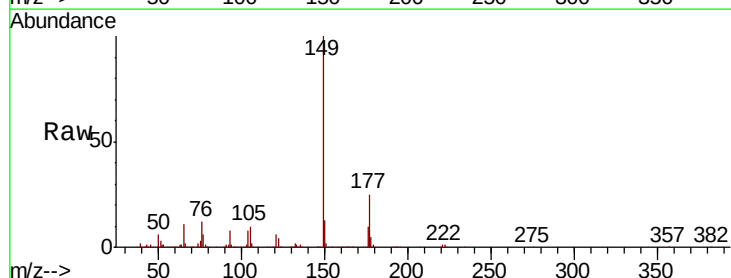
Instrument :
 BNA_G
 ClientSampled :

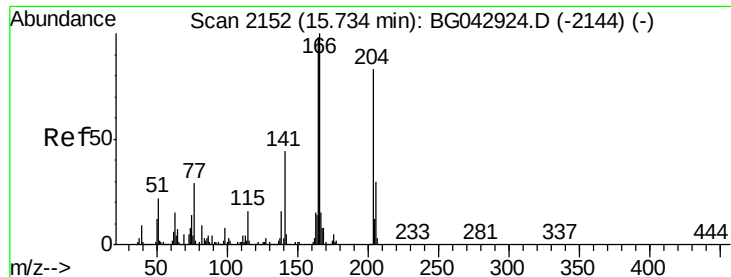
Tot Ion:232	Resp:	224805
Ion Ratio	Lower	Upper
232 100		
131 37.5	29.6	44.4
130 2.4	1.9	2.9
166 26.2	21.8	32.8



#60
 Diethylphthalate
 Concen: 42.051 ng
 RT: 15.51 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion:149	Resp:	639976
Ion Ratio	Lower	Upper
149 100		
177 25.1	18.8	28.2
150 13.3	10.6	15.8

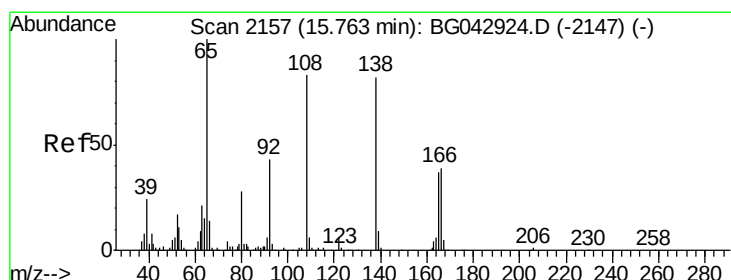
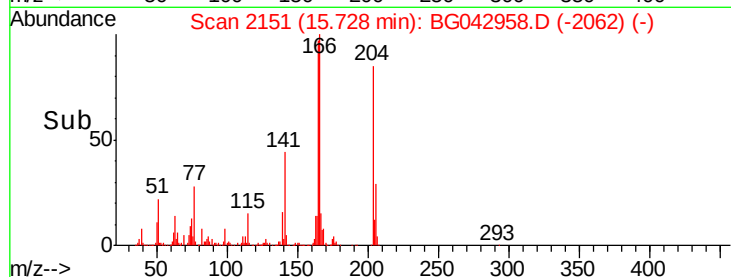
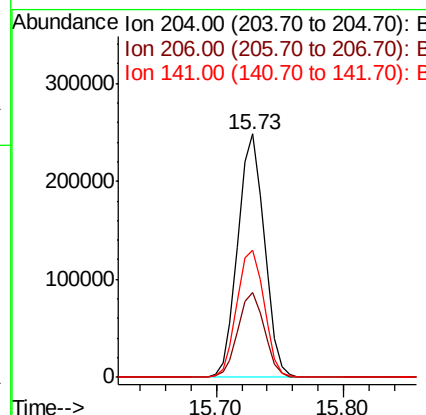
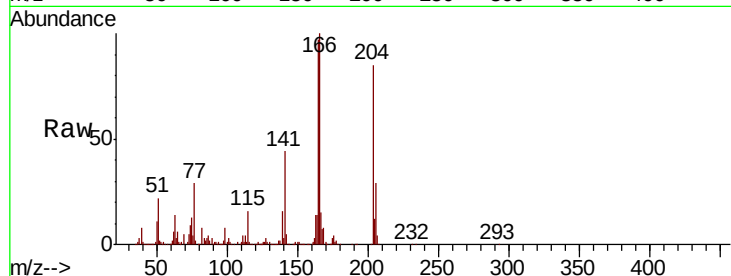




#61
4-Chlorophenyl-phenylether
Concen: 40.746 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

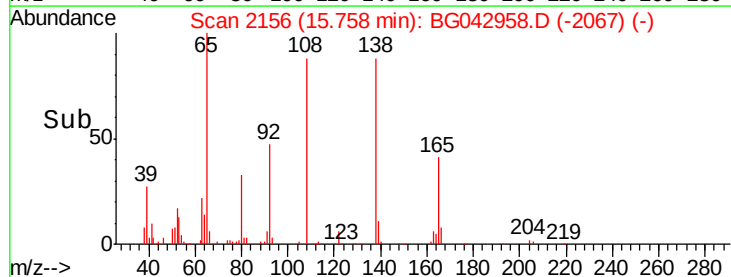
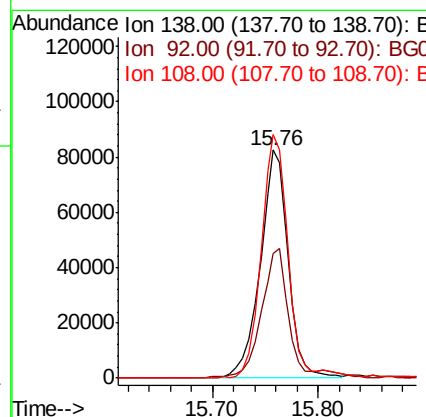
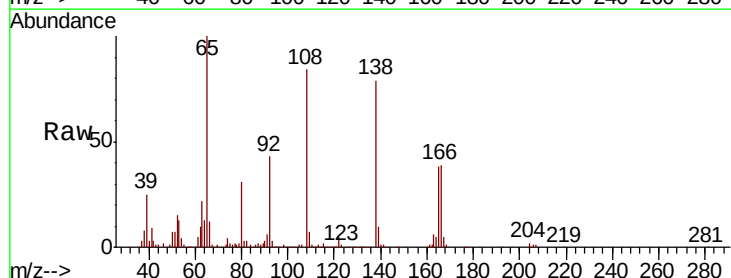
Instrument :
BNA_G
ClientSampleId :

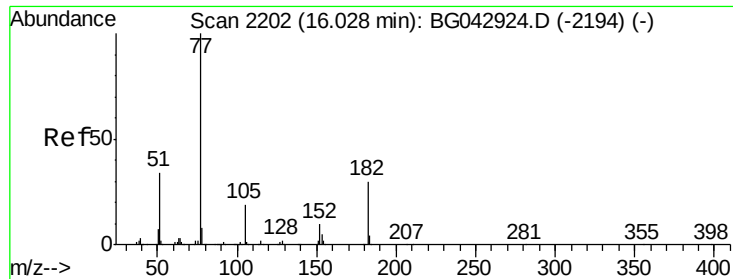
Tot Ion:204 Resp: 358701
Ion Ratio Lower Upper
204 100
206 34.8 28.5 42.7
141 52.3 42.4 63.6



#62
4-Nitroaniline
Concen: 42.319 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion:138 Resp: 151900
Ion Ratio Lower Upper
138 100
92 54.5 32.9 72.9
108 106.7 81.3 121.3

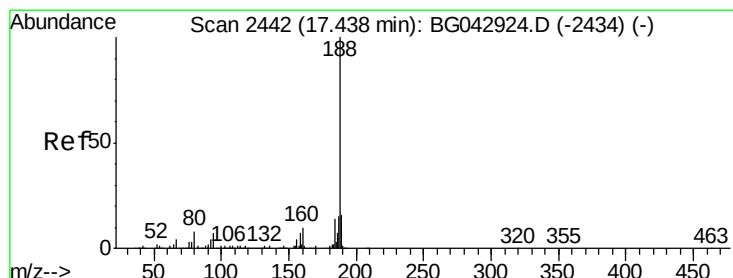
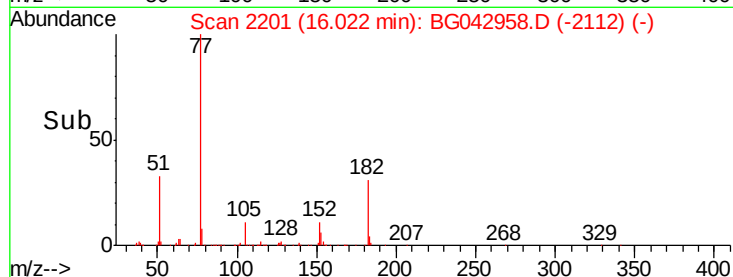
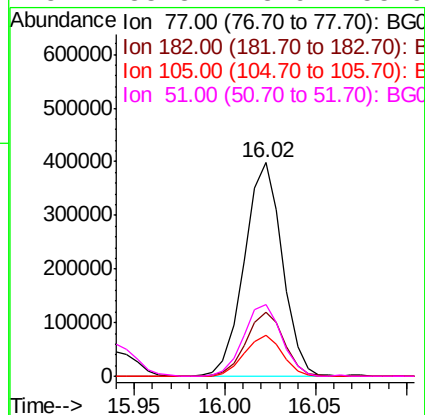
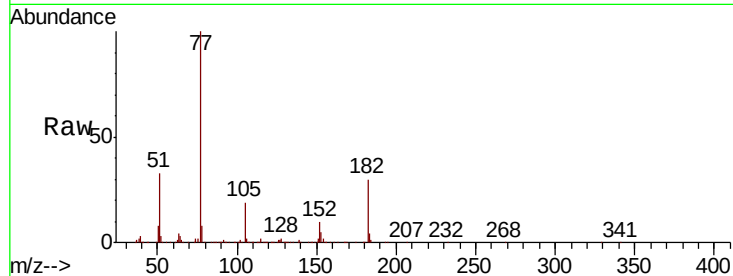




#63
Azobenzene
Concen: 41.519 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

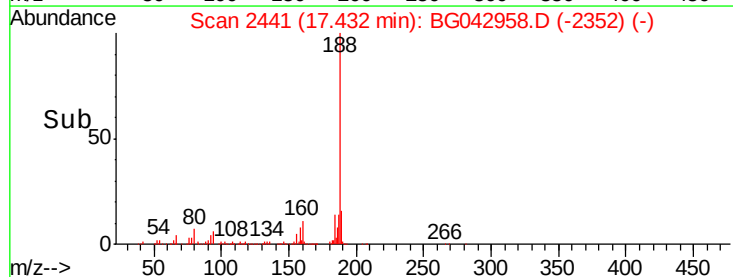
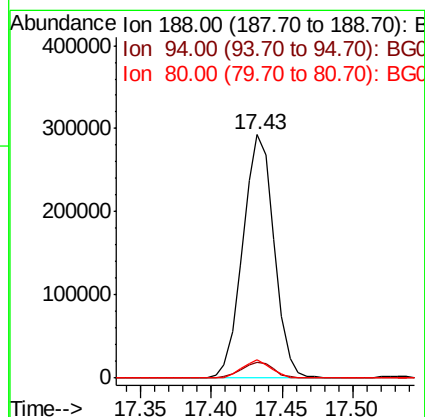
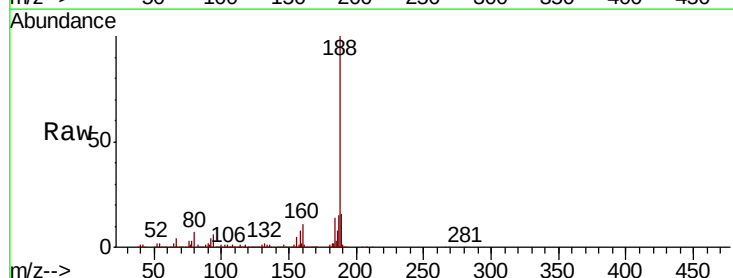
Instrument :
BNA_G
ClientSampleId :

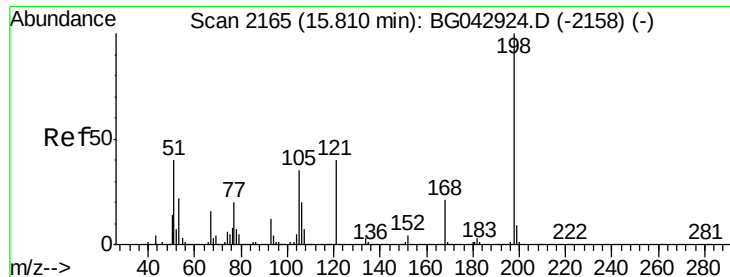
Tot Ion:	77	Resp:	575276
Ion	Ratio	Lower	Upper
77	100		
182	29.9	10.2	50.2
105	19.3	0.0	39.1
51	33.3	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion:	188	Resp:	454694
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.7	8.5
80	7.4	6.5	9.7

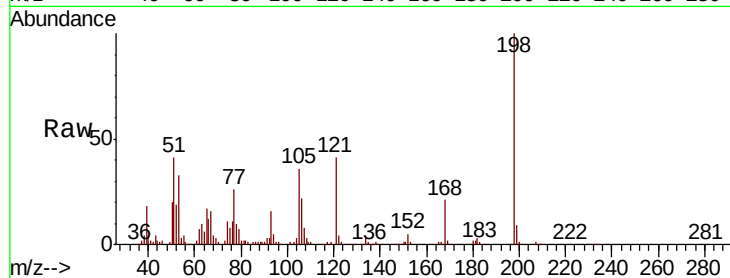




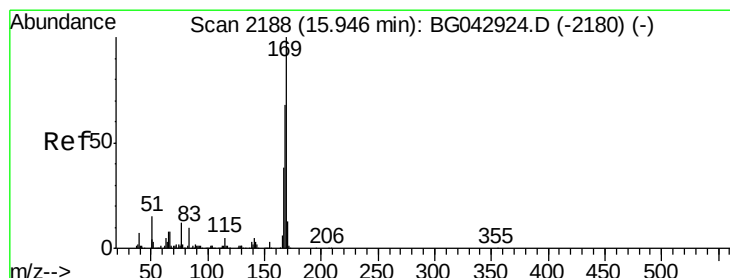
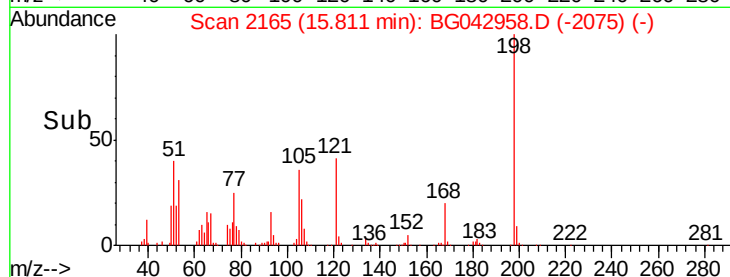
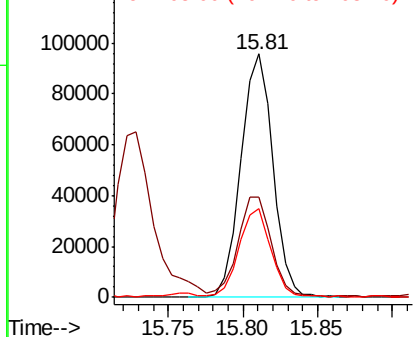
#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.236 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 142121
 Ion Ratio Lower Upper
 198 100
 51 41.2 25.3 65.3
 105 36.3 16.6 56.6

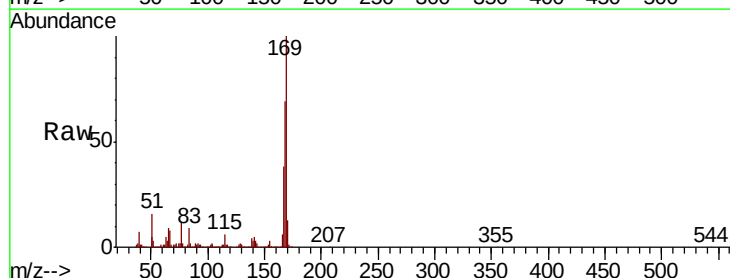


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

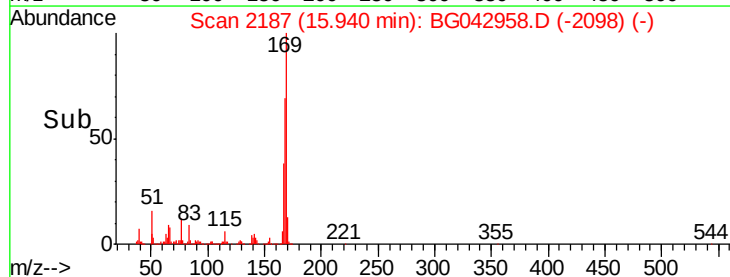
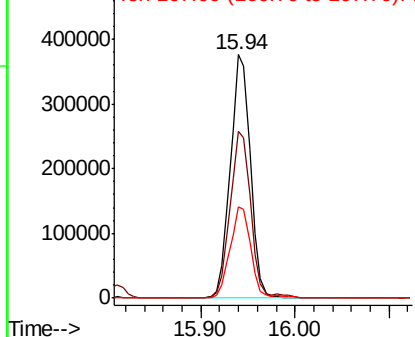


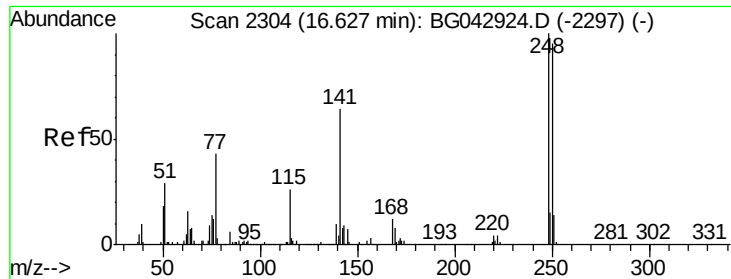
#66
 n-Nitrosodiphenylamine
 Concen: 46.411 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion:169 Resp: 557087
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.8 82.2
 167 37.7 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

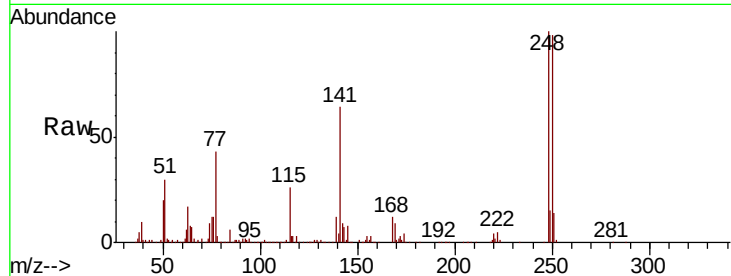




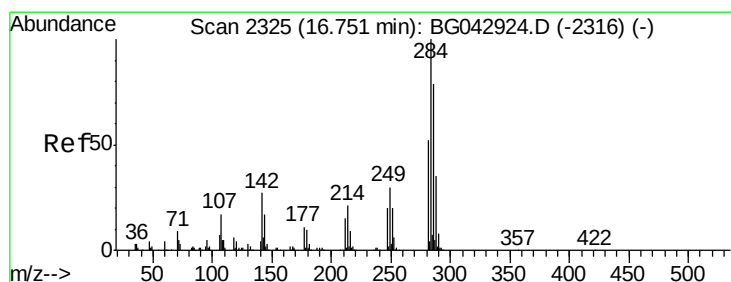
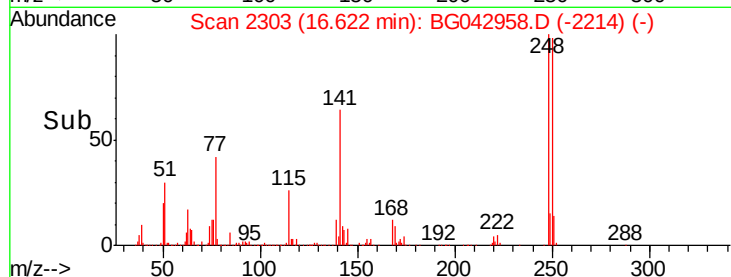
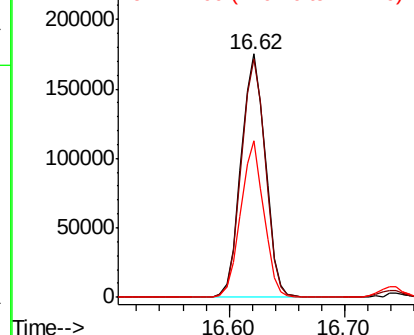
#67
4-Bromophenyl-phenylether
Concen: 44.729 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 255263
Ion Ratio Lower Upper
248 100
250 97.9 75.8 113.8
141 64.1 51.1 76.7

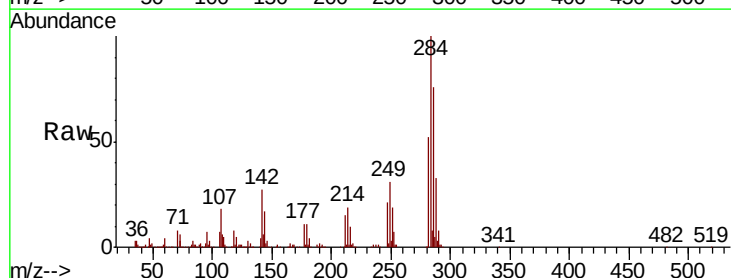


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

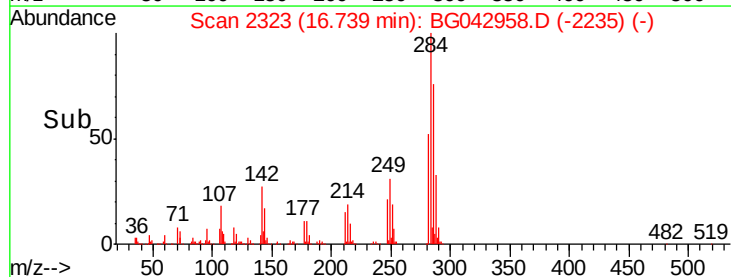
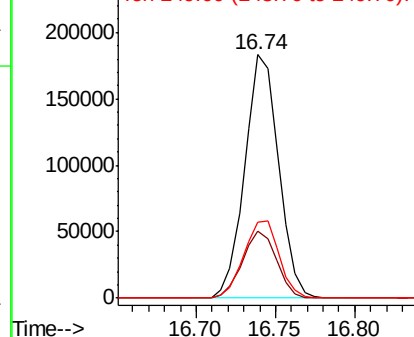


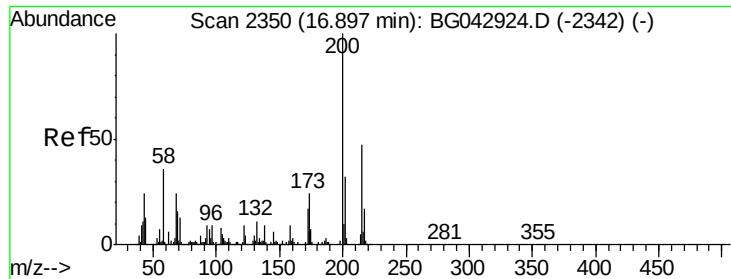
#68
Hexachlorobenzene
Concen: 42.720 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion:284 Resp: 271454
Ion Ratio Lower Upper
284 100
142 27.4 21.6 32.4
249 31.5 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

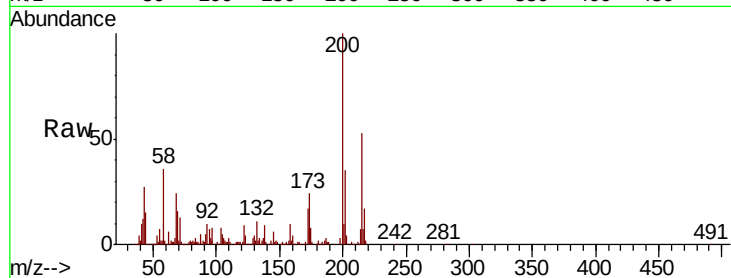




#69
Atrazine
Concen: 43.244 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.0	44.0
215	52.9	27.4	67.4

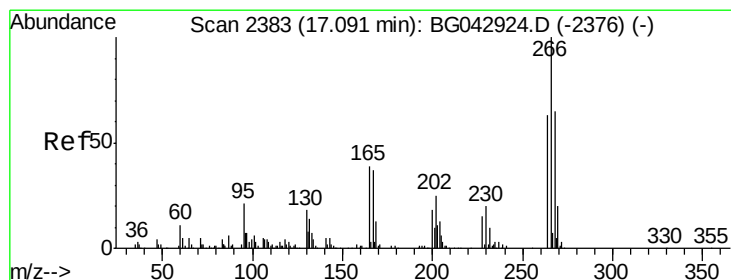
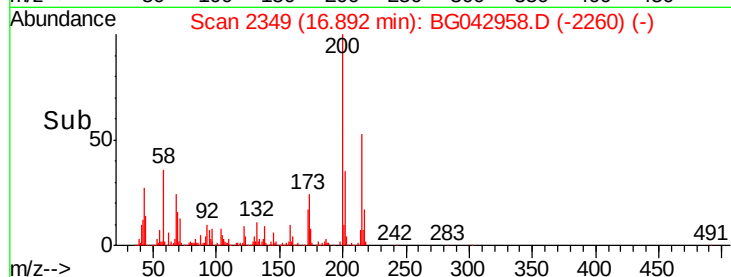
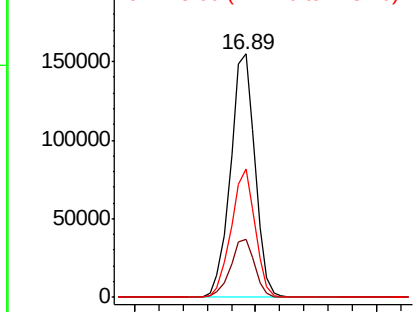


Abundance

Ion 200.00 (199.70 to 200.70): E

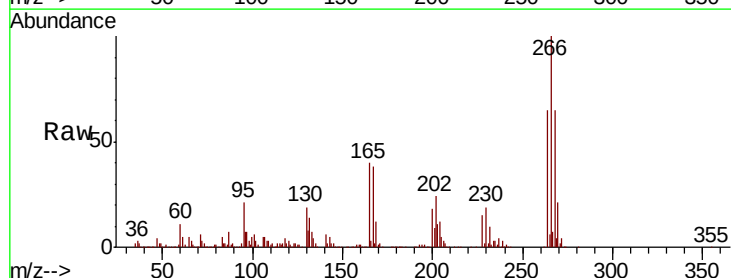
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 102.603 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	52.2	78.2
264	64.9	50.7	76.1

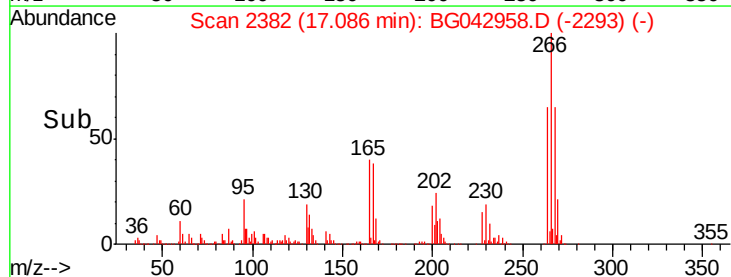
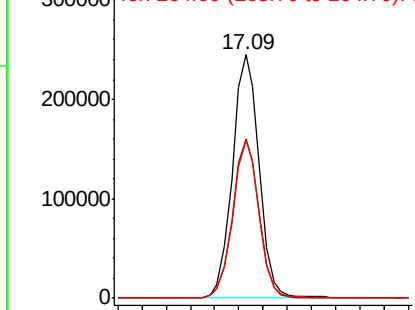


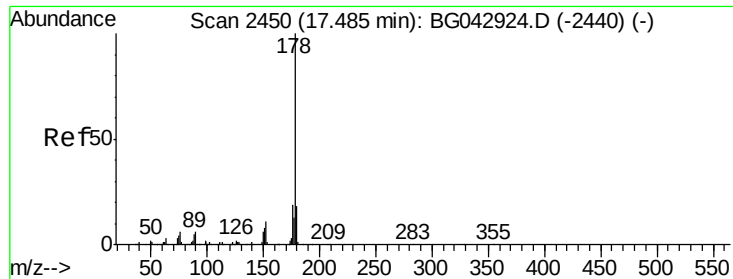
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.121 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

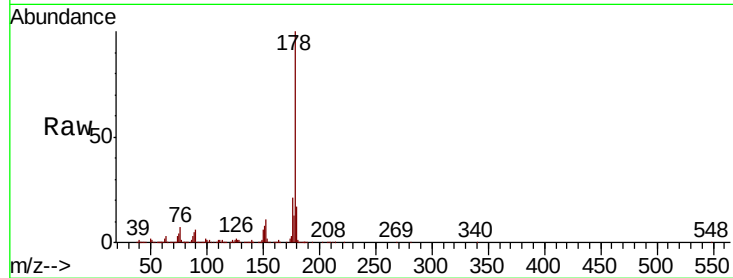
Tot Ion:178 Resp: 979412

Ion Ratio Lower Upper

178 100

176 20.7 15.1 22.7

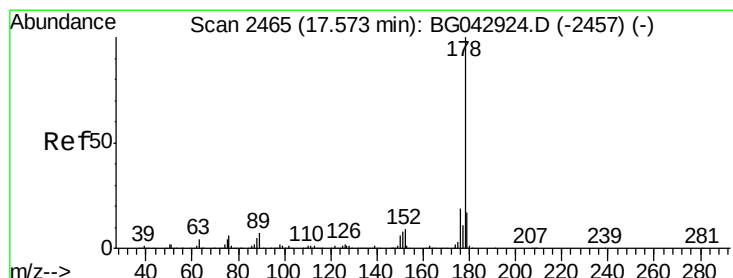
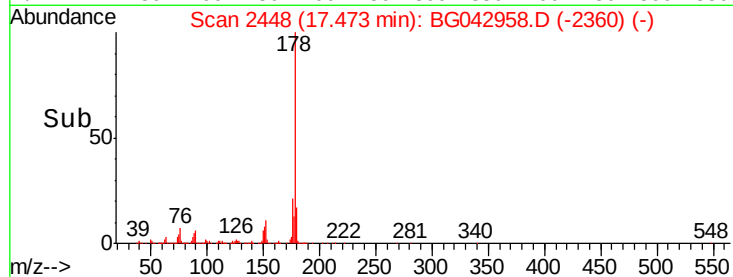
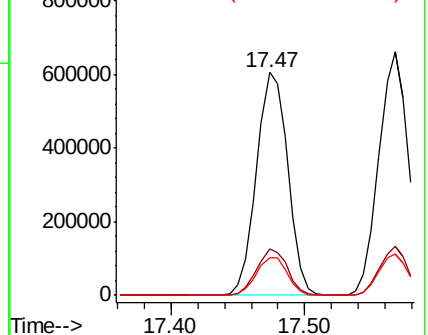
179 17.0 14.1 21.1



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: 45.852 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

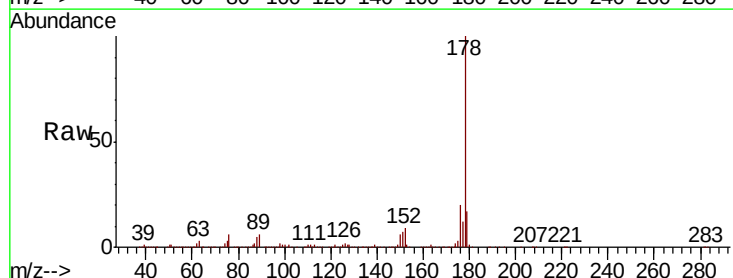
Tgt Ion:178 Resp: 1016114

Ion Ratio Lower Upper

178 100

176 20.3 15.5 23.3

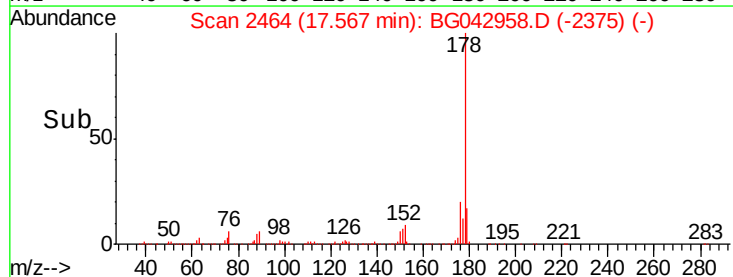
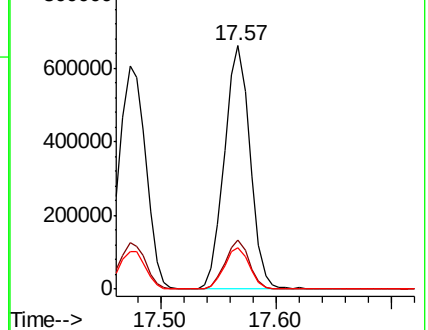
179 17.1 13.5 20.3

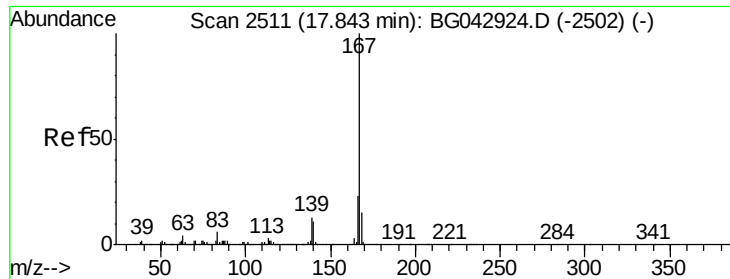


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

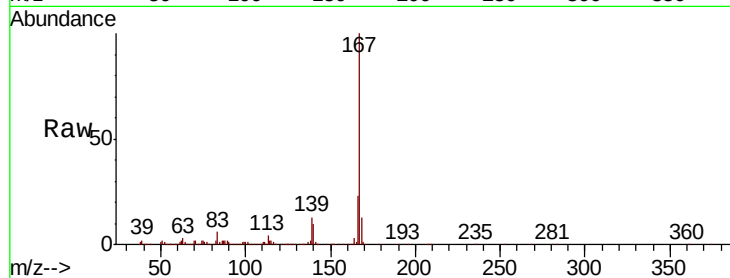




#73
 Carbazole
 Concen: 45.750 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.6	28.0
139	12.7	10.8	16.2

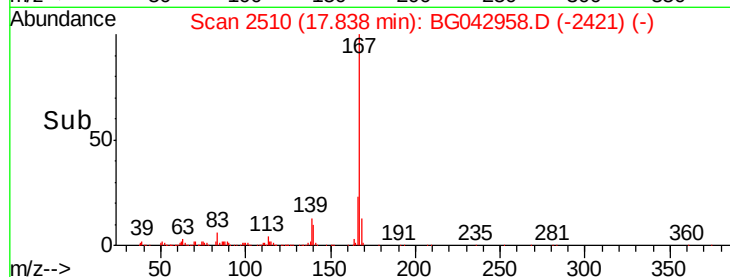
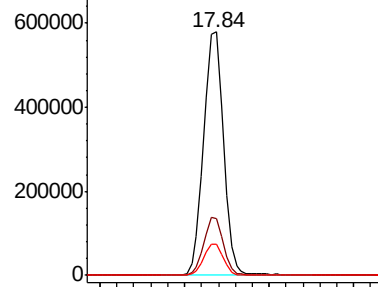


Abundance

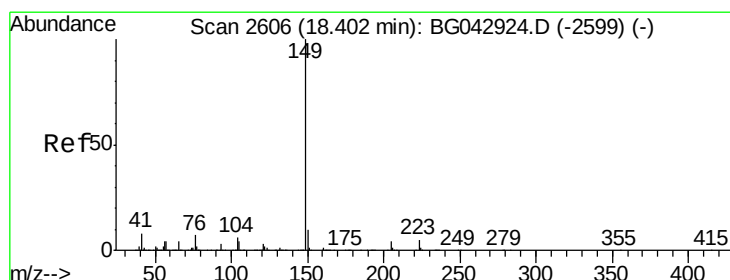
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

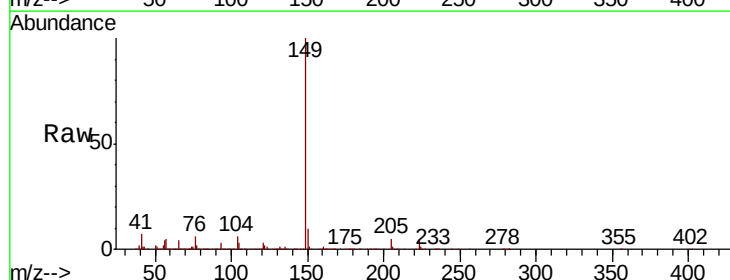


Time-->



#74
 Di-n-butylphthalate
 Concen: 43.455 ng
 RT: 18.40 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	6.4	5.0	7.6

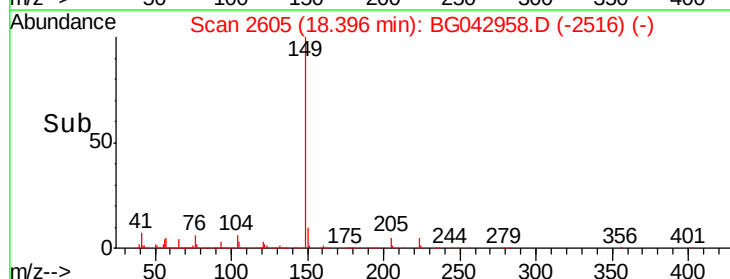
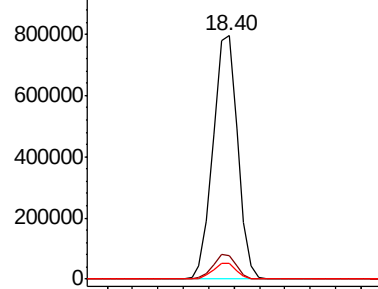


Abundance

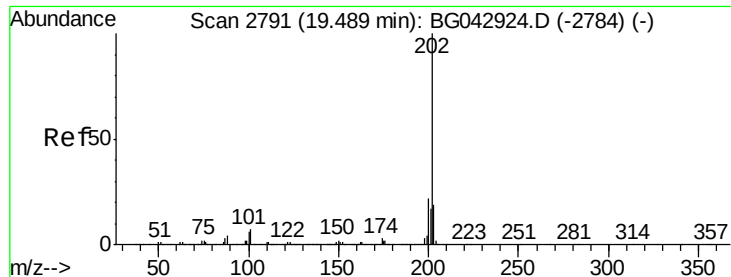
Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#75

Fluoranthene

Concen: 44.162 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampled :

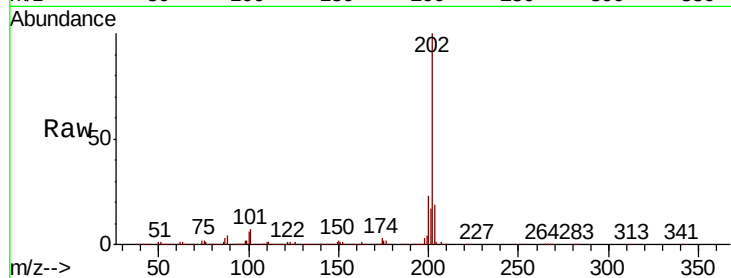
Tot Ion:202 Resp: 1296652

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.3

203 19.2 0.0 39.5

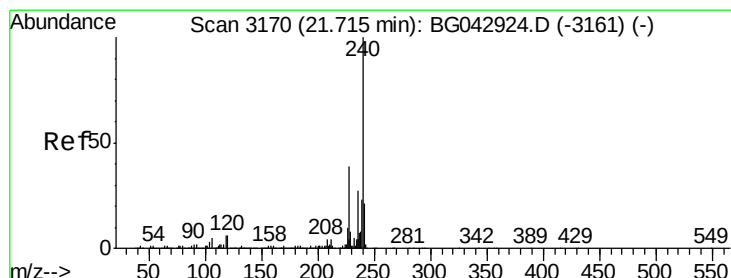
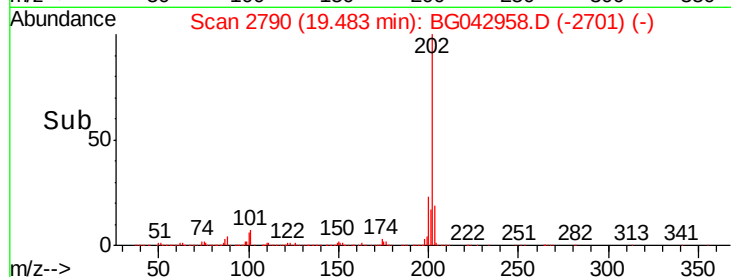
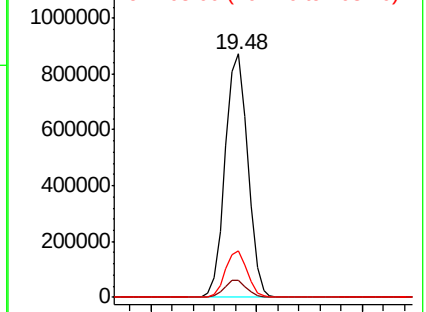


Abundance

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: BG042958.D

Acq: 1 Oct 2019 1:57

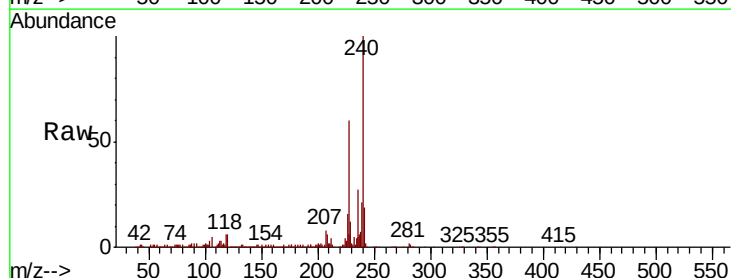
Tgt Ion:240 Resp: 496427

Ion Ratio Lower Upper

240 100

120 6.3 4.8 7.2

236 26.6 21.4 32.0

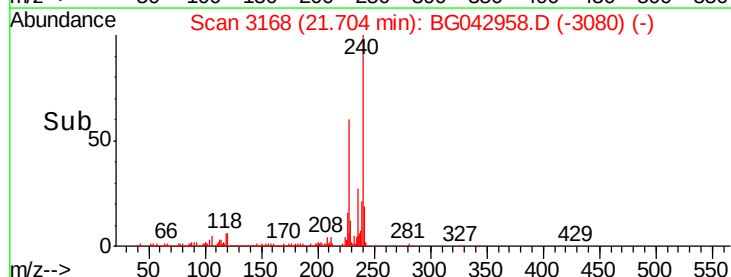
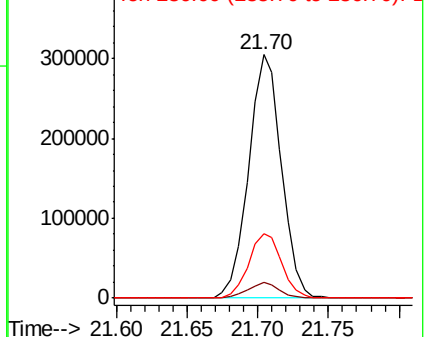


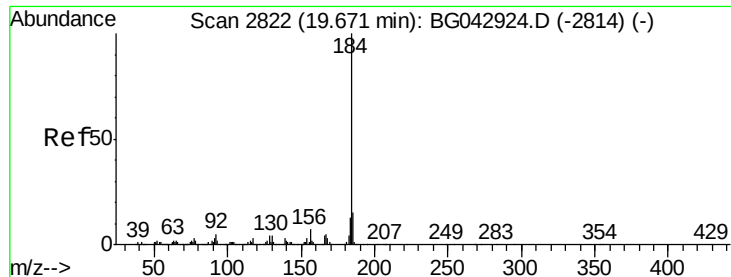
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.252 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

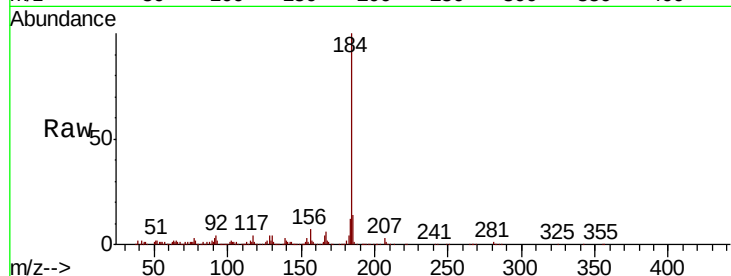
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 363604

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.8
183	12.2	10.1	15.1

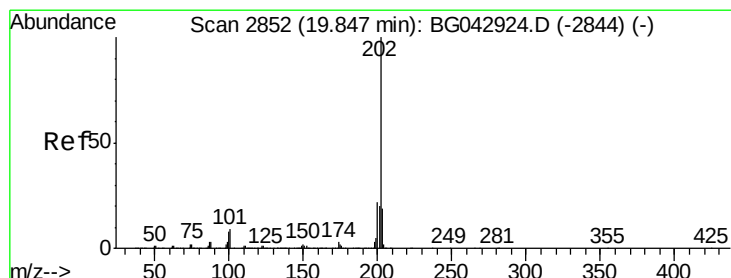
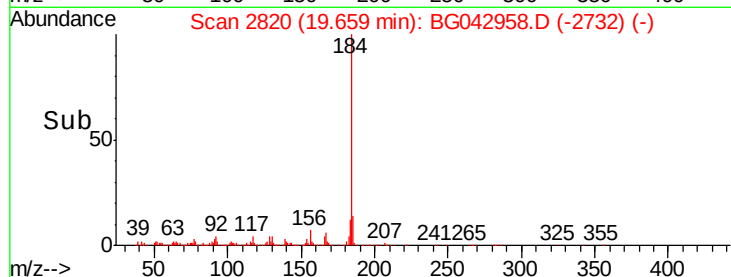
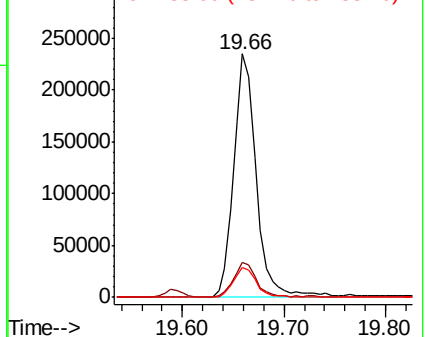


Abundance

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: 44.309 ng

RT: 19.84 min Scan# 2851

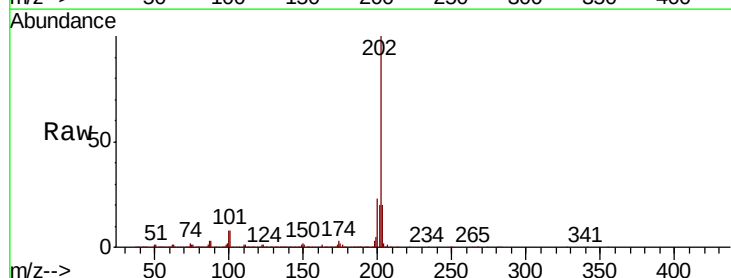
Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion:202 Resp: 1312874

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.6	26.4
203	19.8	15.2	22.8

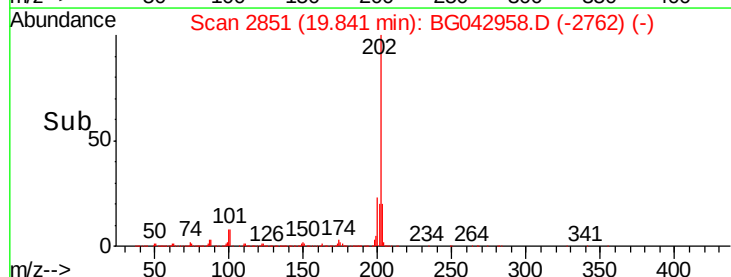
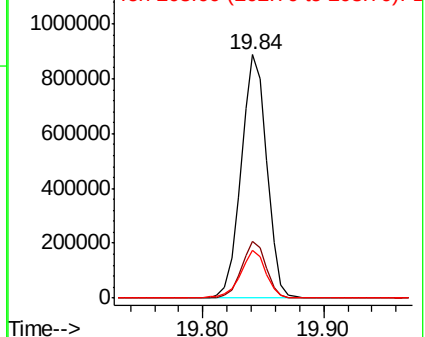


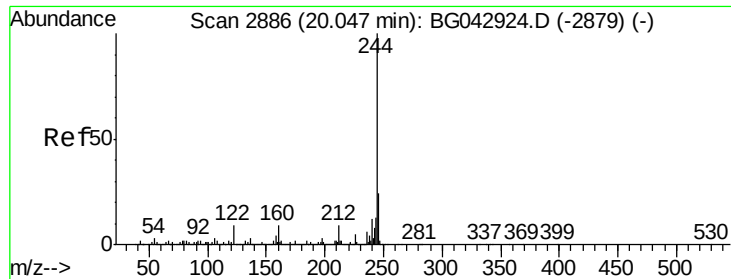
Abundance

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: 90.615 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

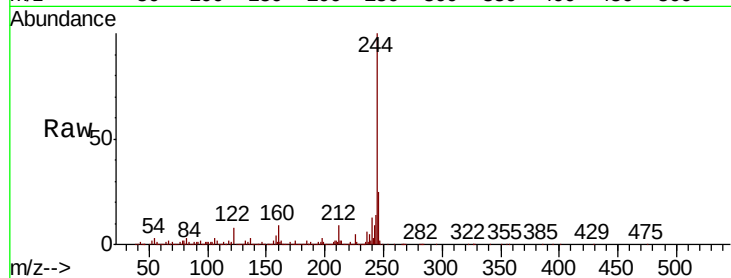
Tot Ion:244 Resp: 2111035

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.0

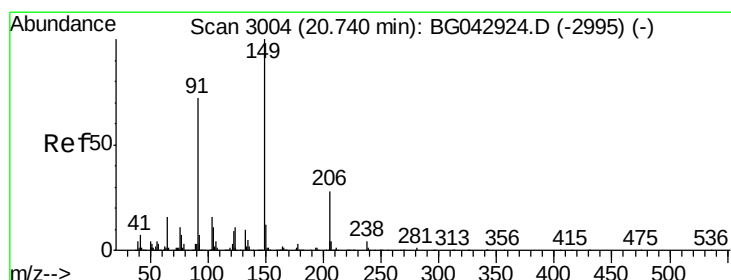
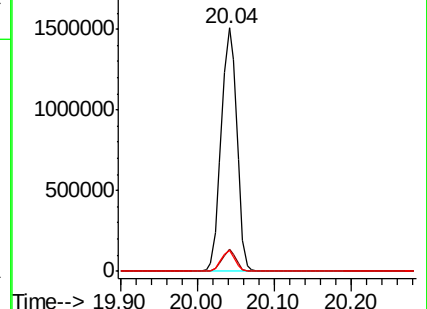
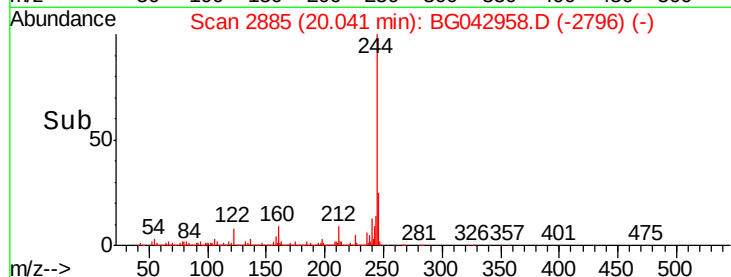
122 8.4 7.0 10.4



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: 45.163 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

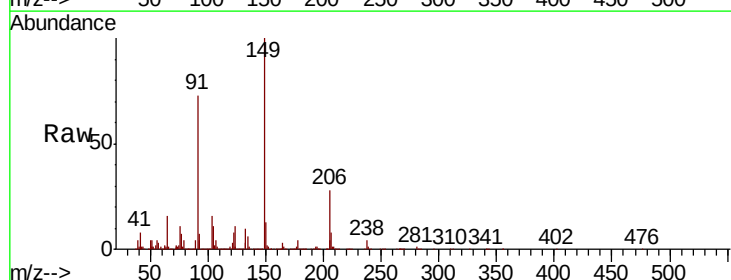
Tgt Ion:149 Resp: 507938

Ion Ratio Lower Upper

149 100

91 73.2 57.7 86.5

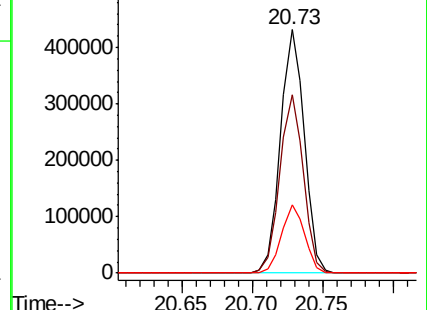
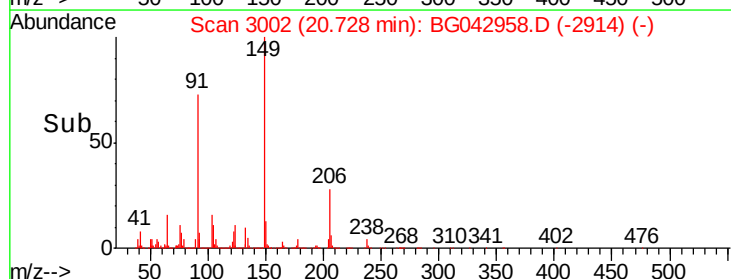
206 28.1 22.6 33.8

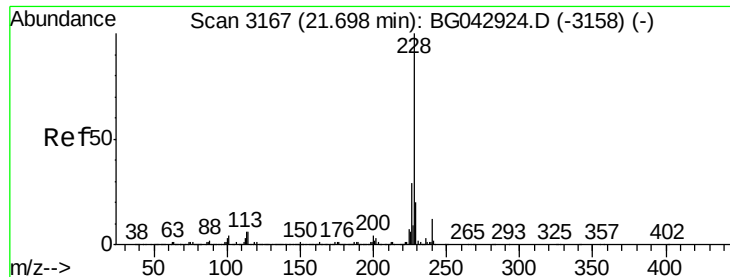


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.948 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

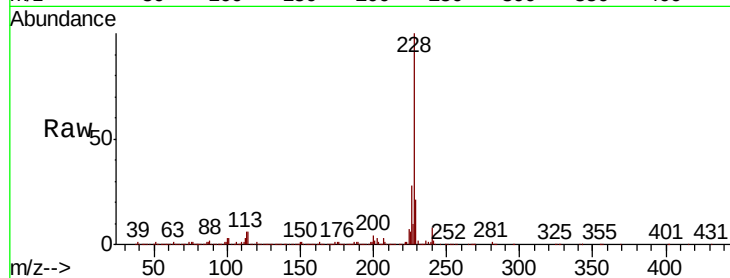
Tot Ion:228 Resp: 1359385

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	21.4	16.3	24.5

228 100

226 28.2 23.0 34.4

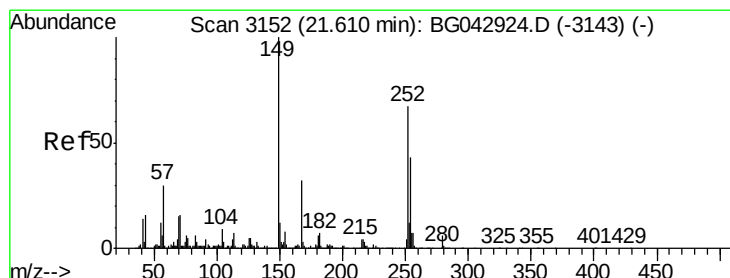
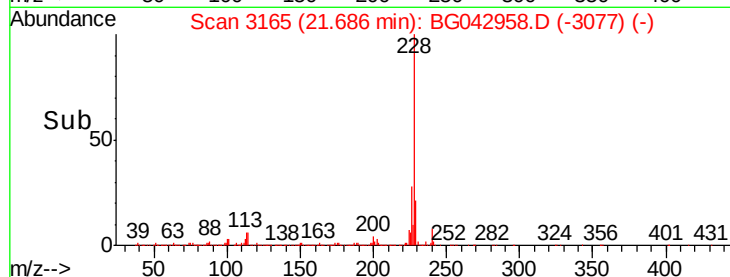
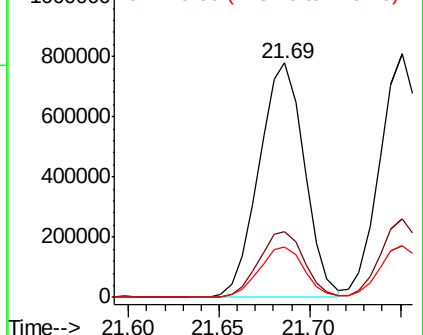
229 21.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.702 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

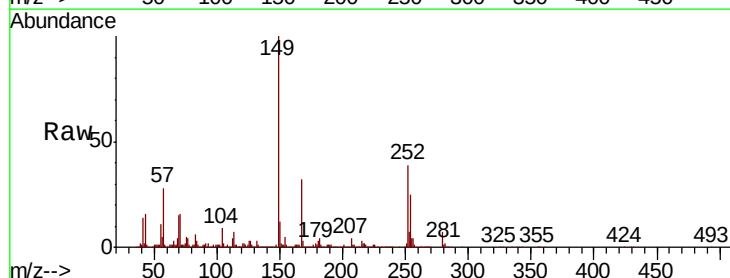
Tgt Ion:252 Resp: 323940

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	7.7	6.1	9.1

252 100

254 65.3 51.9 77.9

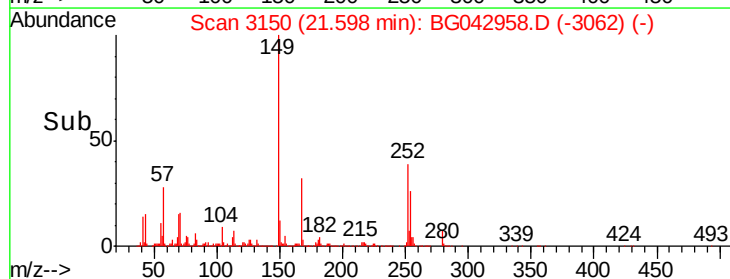
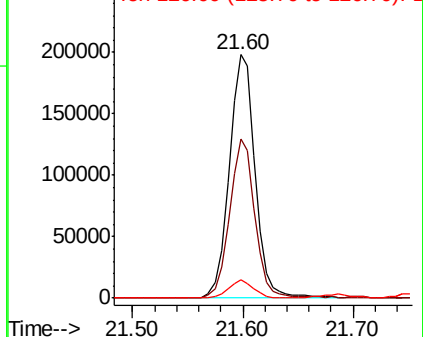
126 7.7 6.1 9.1

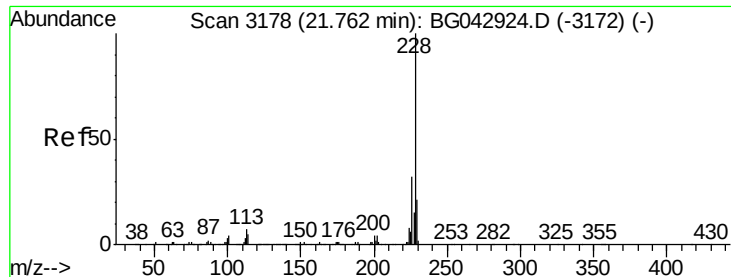


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.203 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

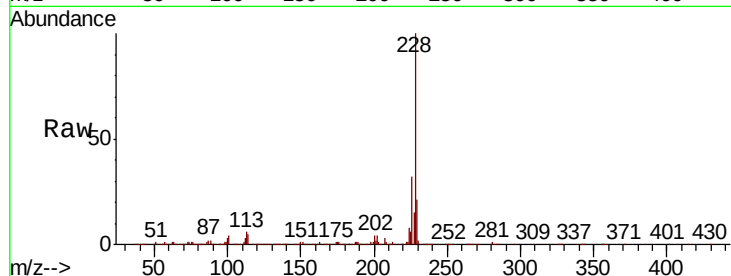
Tot Ion:228 Resp: 1326864

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.6	38.4
229	21.3	16.9	25.3

228 100

226 32.3 25.6 38.4

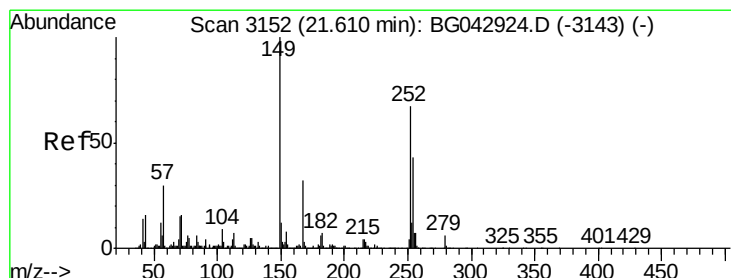
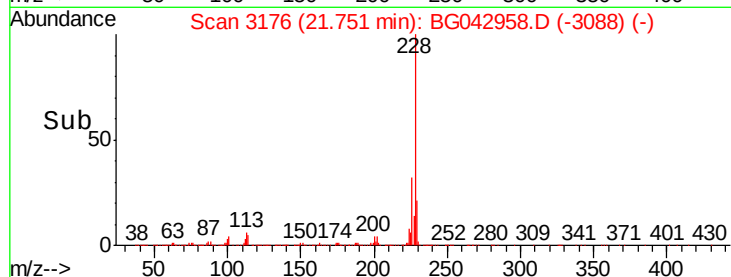
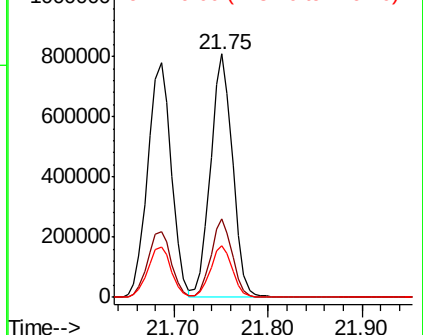
229 21.3 16.9 25.3



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: 44.916 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

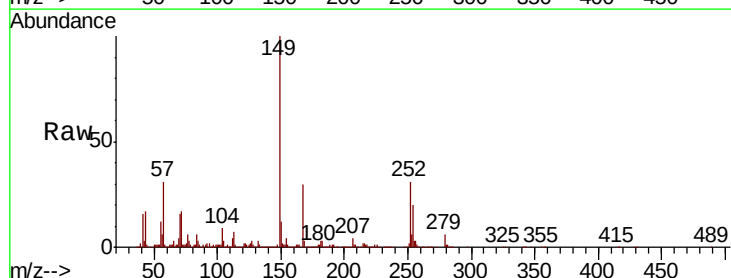
Tgt Ion:149 Resp: 718803

Ion	Ratio	Lower	Upper
149	100		
167	29.6	25.4	38.2
279	5.8	5.1	7.7

149 100

167 29.6 25.4 38.2

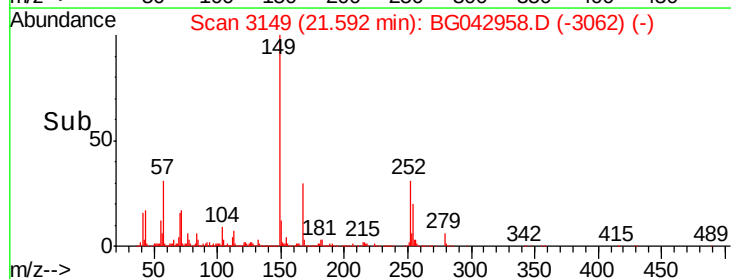
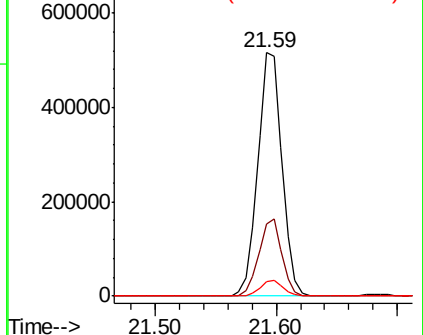
279 5.8 5.1 7.7

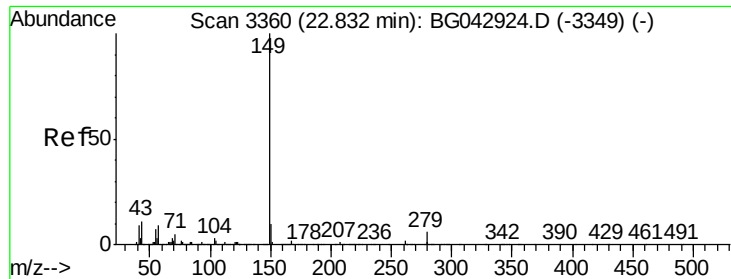


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

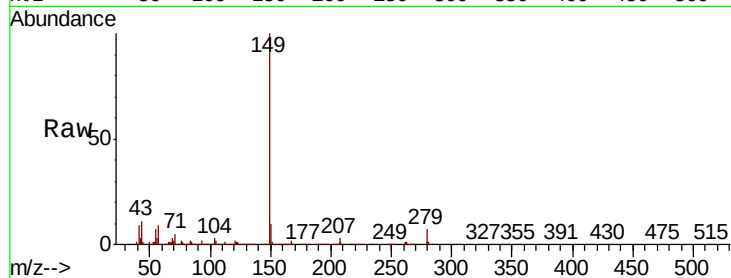




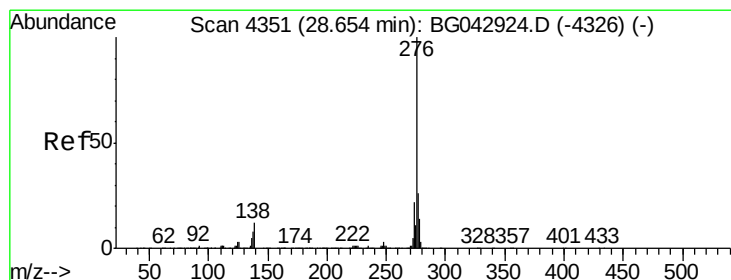
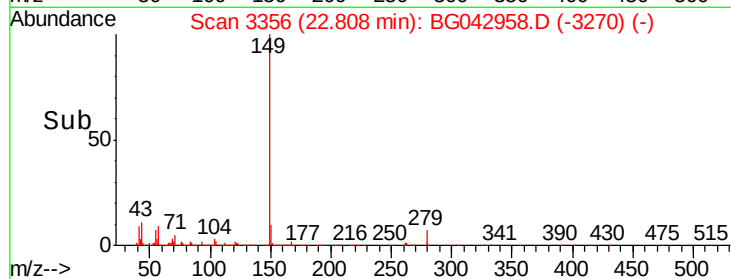
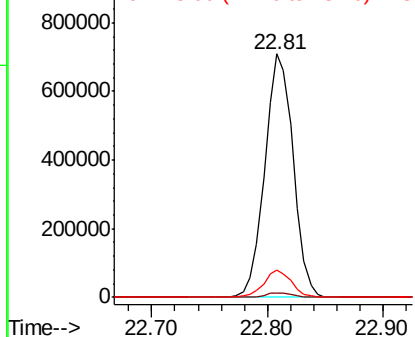
#85
Di-n-octyl phthalate
Concen: 46.258 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1210535
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 11.0 8.7 13.1

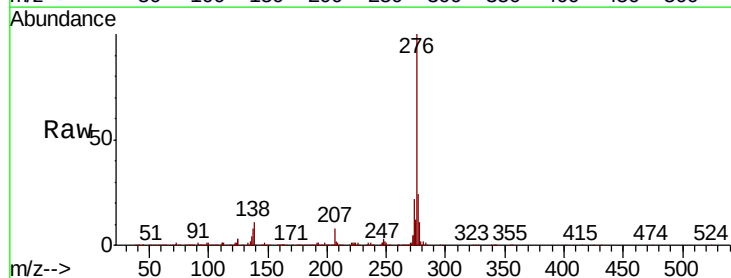


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

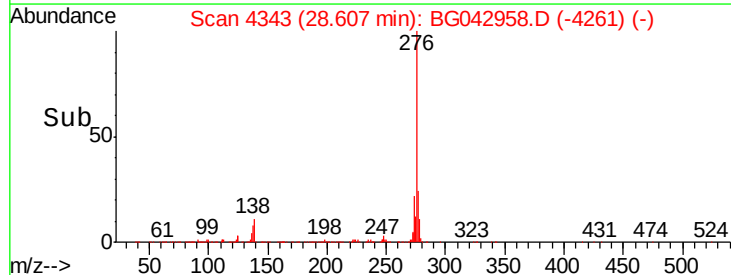
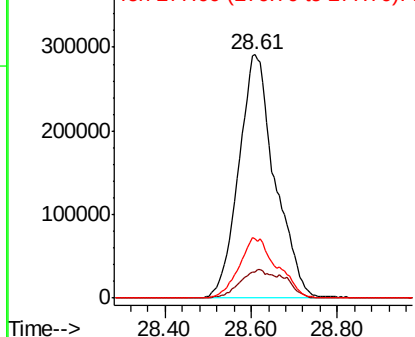


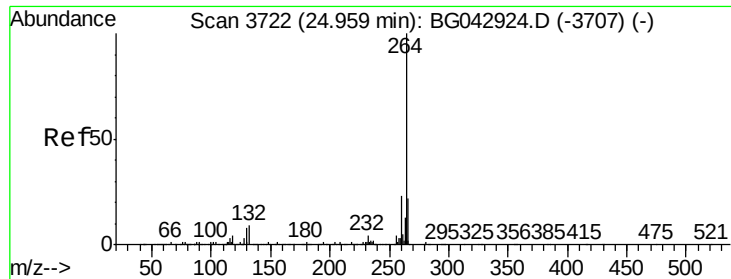
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.048 ng
RT: 28.61 min Scan# 4343
Delta R.T. -0.05 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion:276 Resp: 1720765
Ion Ratio Lower Upper
276 100
138 10.6 7.0 10.6
277 26.1 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: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampled :

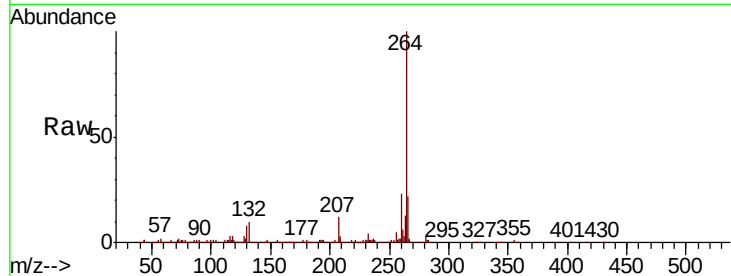
Tot Ion:264 Resp: 581464

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

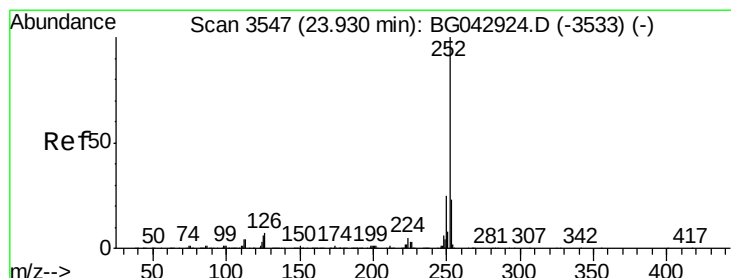
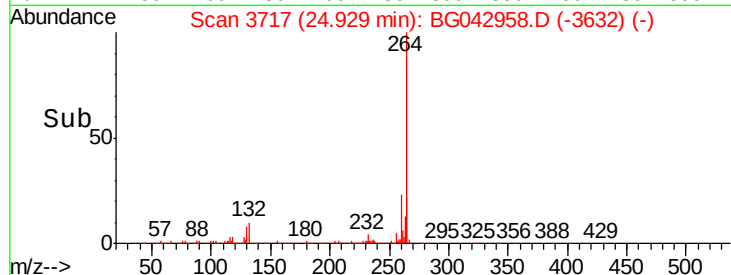
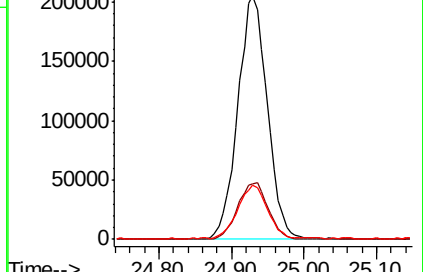
265 22.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.711 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.02 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

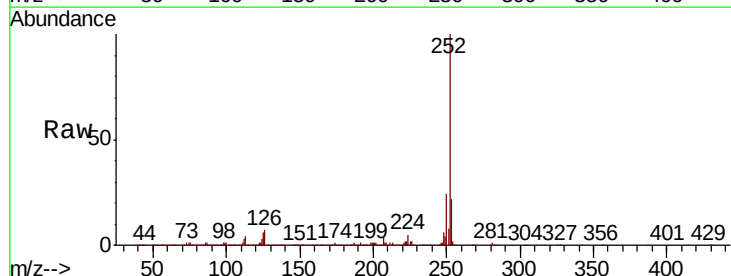
Tgt Ion:252 Resp: 1471027

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

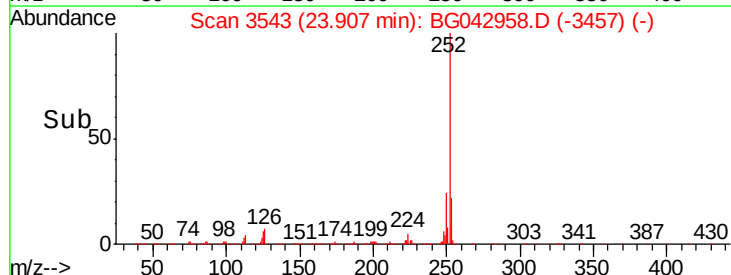
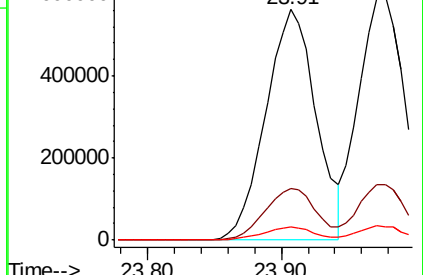
125 5.5 4.6 7.0

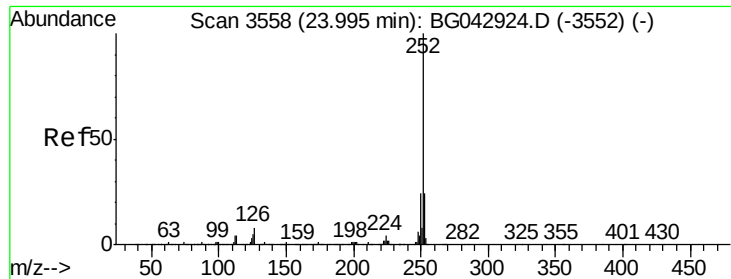


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

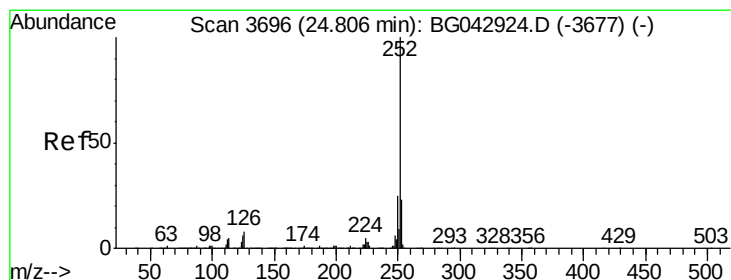
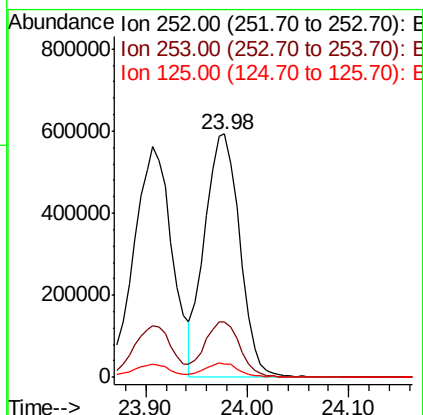
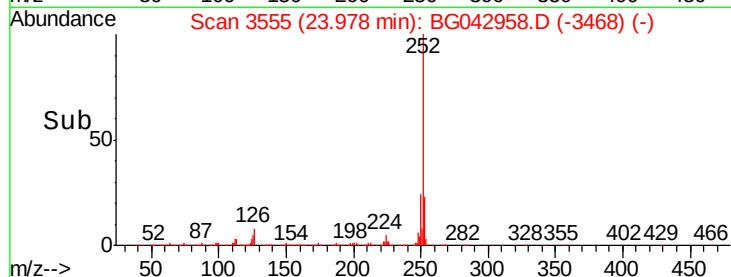
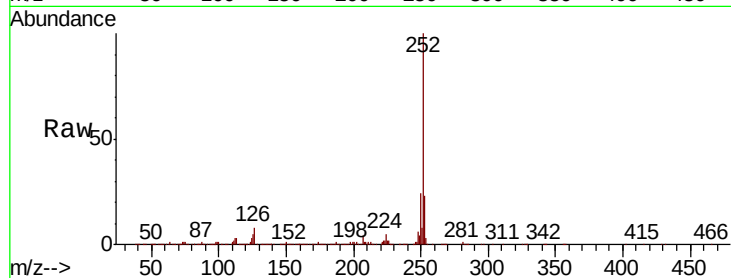




#89
Benzo(k)fluoranthene
Concen: 43.565 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

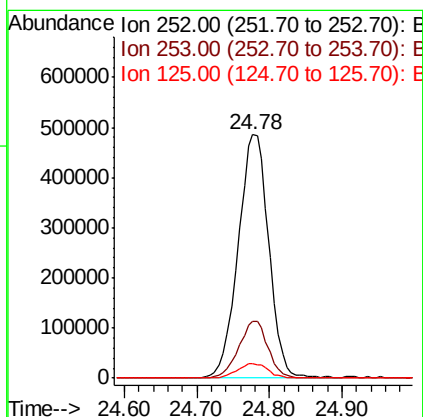
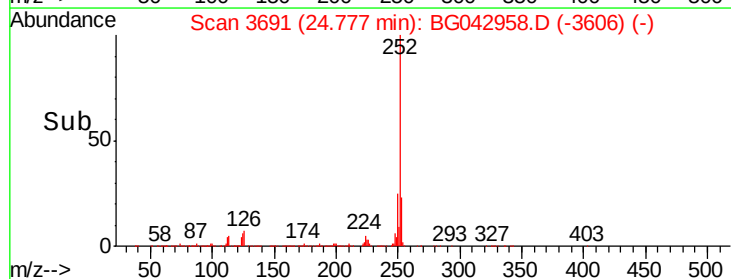
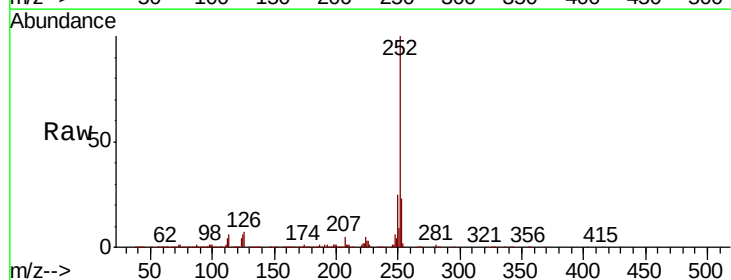
Instrument :
BNA_G
ClientSampleId :

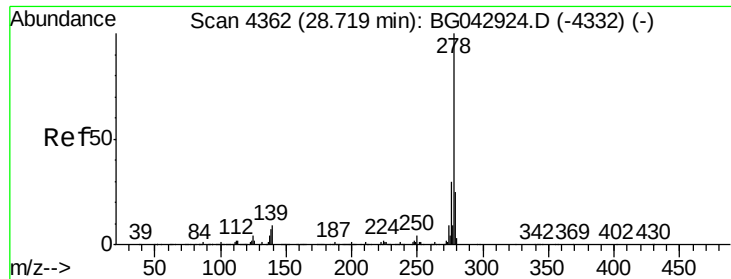
Tot Ion:252 Resp: 1417965
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 5.3 4.5 6.7



#90
Benzo(a)pyrene
Concen: 45.711 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion:252 Resp: 1418897
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 6.0 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 45.552 ng

RT: 28.68 min Scan# 4355

Delta R.T. -0.04 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

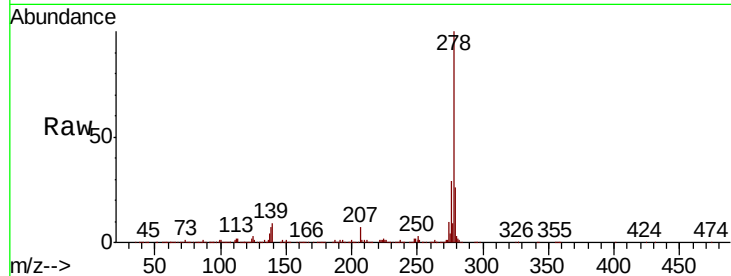
Tot Ion:278 Resp: 1449895

Ion Ratio Lower Upper

278 100

139 8.9 6.8 10.2

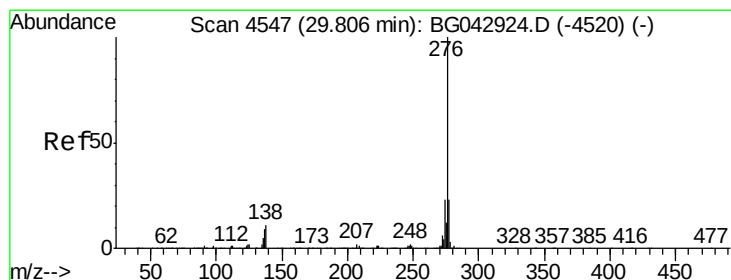
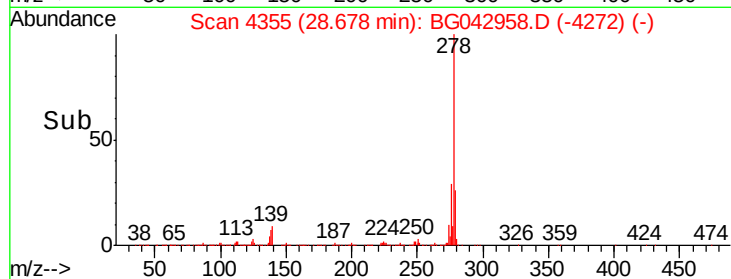
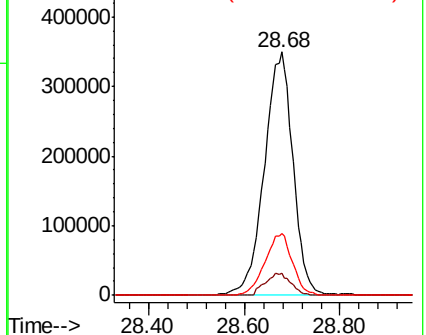
279 25.6 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.302 ng

RT: 29.76 min Scan# 4539

Delta R.T. -0.05 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

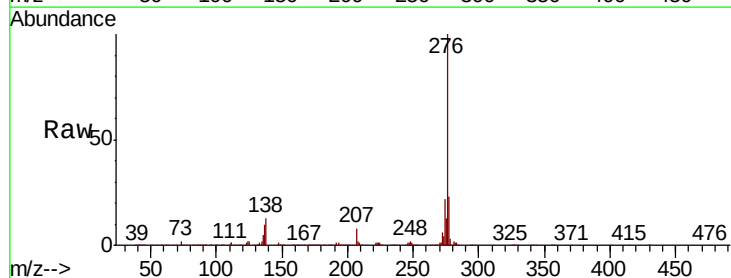
Tgt Ion:276 Resp: 1427956

Ion Ratio Lower Upper

276 100

277 22.7 18.4 27.6

138 13.1 8.6 12.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

