

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070219\
 Data File : BG041568.D
 Acq On : 2 Jul 2019 12:06
 Operator : HP/JU
 Sample : K3519-07MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Quant Time: Jul 12 07:24:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28102	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	101411	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69643	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	182838	20.00	ng	0.00
76) Chrysene-d12	21.70	240	208208	20.00	ng	0.00
87) Perylene-d12	24.99	264	226792	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	103615	65.74	ng	0.00
7) Phenol-d6	7.19	99	89047	40.13	ng	0.00
23) Nitrobenzene-d5	9.22	82	226733	93.25	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	184096	154.82	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	529098	97.49	ng	0.00
79) Terphenyl-d14	20.03	244	1026333	104.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	10824	15.170	ng	# 89
3) Pyridine	3.83	79	21926	12.112	ng	95
4) n-Nitrosodimethylamine	3.75	42	16890	16.766	ng	# 81
6) Aniline	7.35	93	41135	14.382	ng	97
8) 2-Chlorophenol	7.59	128	66312	37.512	ng	98
9) Benzaldehyde	7.17	77	60182	44.911	ng	98
10) Phenol	7.22	94	30350	13.571	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	71015	40.043	ng	93
12) 1,3-Dichlorobenzene	7.92	146	71727	31.366	ng	95
13) 1,4-Dichlorobenzene	8.06	146	75718	32.845	ng	98
14) 1,2-Dichlorobenzene	8.38	146	71248	32.280	ng	98
15) Benzyl Alcohol	8.28	79	41470	23.468	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	87831	35.267	ng	97
17) 2-Methylphenol	8.48	107	47896	29.422	ng	98
18) Hexachloroethane	9.11	117	27327	30.043	ng	91
19) n-Nitroso-di-n-propylamine	8.83	70	65051	39.303	ng	95
20) 3+4-Methylphenols	8.81	107	56697	26.131	ng	96
22) Acetophenone	8.86	105	132971	43.713	ng	98
24) Nitrobenzene	9.26	77	104396	42.774	ng	97
25) Isophorone	9.77	82	184810	42.334	ng	99
26) 2-Nitrophenol	9.97	139	48244	47.332	ng	97
27) 2,4-Dimethylphenol	10.02	122	62314	43.927	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	96735	41.905	ng	100
29) 2,4-Dichlorophenol	10.50	162	88031	45.943	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	91773	37.369	ng	94
31) Naphthalene	10.90	128	223891	39.921	ng	97
32) Benzoic acid	10.02	122	62314	63.031	ng	# 14
33) 4-Chloroaniline	11.03	127	46651	19.761	ng	97
34) Hexachlorobutadiene	11.16	225	64160	32.912	ng	92
35) Caprolactam	11.82	113	3723	6.223	ng	# 77
36) 4-Chloro-3-methylphenol	12.14	107	82461	39.719	ng	99
37) 2-Methylnaphthalene	12.51	142	175705	42.407	ng	98
38) 1-Methylnaphthalene	12.72	142	161773	40.926	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	136207	44.416	ng	99

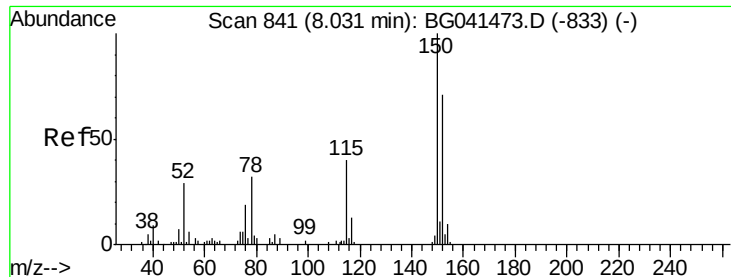
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070219\
 Data File : BG041568.D
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 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	138686	83.201	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	88494	48.638	ng	100
44) 2,4,5-Trichlorophenol	13.19	196	94697	52.243	ng	96
46) 1,1'-Biphenyl	13.51	154	248328	45.171	ng	96
47) 2-Chloronaphthalene	13.56	162	201849	42.766	ng	99
48) 2-Nitroaniline	13.78	65	66992	41.871	ng	93
49) Acenaphthylene	14.40	152	319099	45.232	ng	99
50) Dimethylphthalate	14.13	163	291146	45.939	ng	99
51) 2,6-Dinitrotoluene	14.26	165	61281	45.564	ng	94
52) Acenaphthene	14.74	154	188938	45.163	ng	98
53) 3-Nitroaniline	14.60	138	26563	20.688	ng	# 87
54) 2,4-Dinitrophenol	14.82	184	25118	33.330	ng	91
55) Dibenzofuran	15.07	168	333939	45.852	ng	99
56) 4-Nitrophenol	14.92	139	27881	33.648	ng	98
57) 2,4-Dinitrotoluene	15.05	165	87242	44.713	ng	98
58) Fluorene	15.73	166	265787	45.873	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	96699	50.604	ng	92
60) Diethylphthalate	15.48	149	281001	43.316	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	168779	45.162	ng	97
62) 4-Nitroaniline	15.77	138	50953	40.719	ng	96
63) Azobenzene	16.00	77	243231	44.470	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	48453	42.789	ng	97
66) n-Nitrosodiphenylamine	15.93	169	236555	47.009	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	113724	45.516	ng	95
68) Hexachlorobenzene	16.72	284	119559	44.412	ng	98
69) Atrazine	16.87	200	106276	49.894	ng	97
70) Pentachlorophenol	17.08	266	80183	65.735	ng	94
71) Phenanthrene	17.47	178	465313	46.191	ng	99
72) Anthracene	17.56	178	475566	47.182	ng	99
73) Carbazole	17.84	167	410516	47.910	ng	99
74) Di-n-butylphthalate	18.36	149	485779	45.108	ng	99
75) Fluoranthene	19.47	202	635288	47.301	ng	97
77) Benzidine	19.66	184	152968	33.112	ng	97
78) Pyrene	19.84	202	649634	45.705	ng	99
80) Butylbenzylphthalate	20.70	149	236542	44.561	ng	98
81) Benzo(a)anthracene	21.68	228	657390	45.415	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	143156	28.560	ng	97
83) Chrysene	21.75	228	646843	46.165	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	334073	44.392	ng	99
85) Di-n-octyl phthalate	22.77	149	570926	44.831	ng	98
86) Indeno(1,2,3-cd)pyrene	28.78	276	788751	46.489	ng	99
88) Benzo(b)fluoranthene	23.93	252	667115	46.118	ng	99
89) Benzo(k)fluoranthene	24.00	252	661283	46.563	ng	99
90) Benzo(a)pyrene	24.83	252	647338	47.118	ng	97
91) Dibenzo(a,h)anthracene	28.83	278	653341	47.468	ng	99
92) Benzo(g,h,i)perylene	29.97	276	653658	47.765	ng	98

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

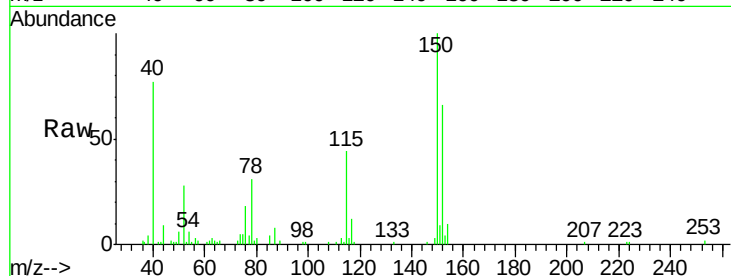


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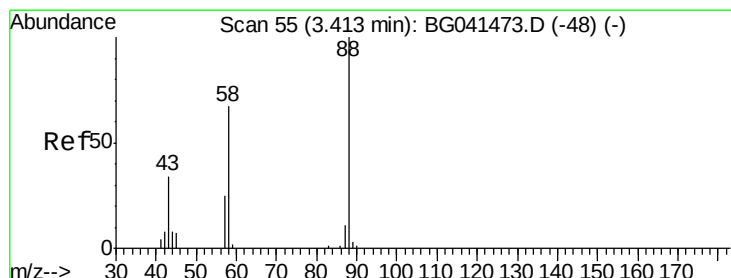
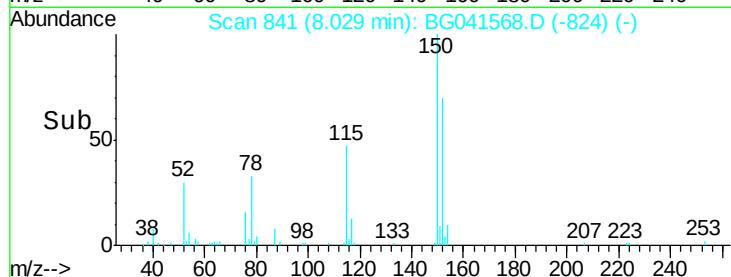
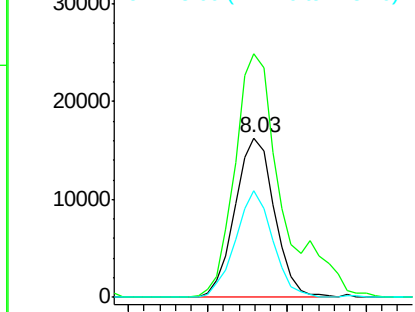
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tgt Ion:152 Resp: 28102
Ion Ratio Lower Upper
152 100
150 152.6 112.4 168.6
115 66.6 44.6 66.8



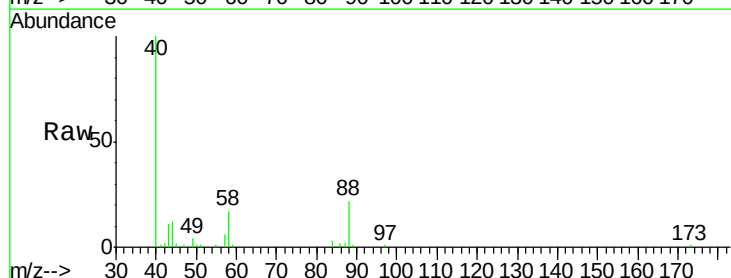
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



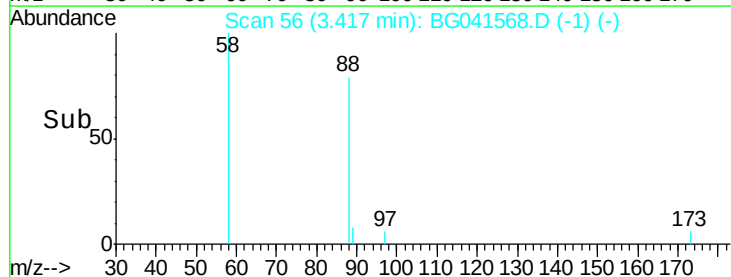
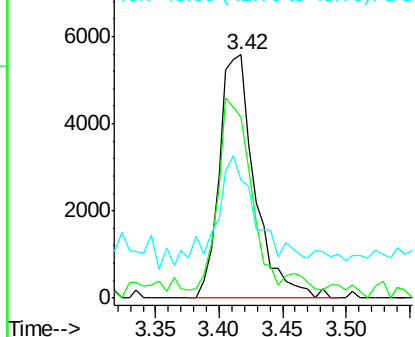
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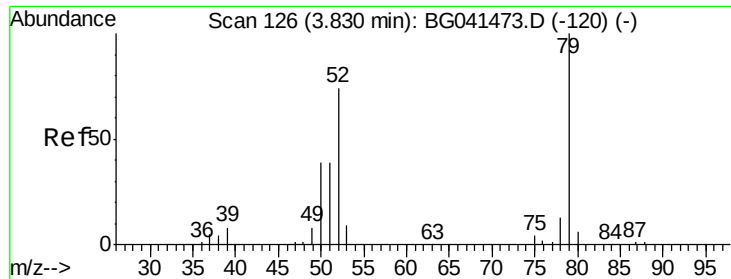
1,4-Dioxane
Concen: 15.170 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion: 88 Resp: 10824
Ion Ratio Lower Upper
88 100
58 72.0 55.8 83.8
43 51.7 27.8 41.8#



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

Pyridine

Concen: 12.112 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

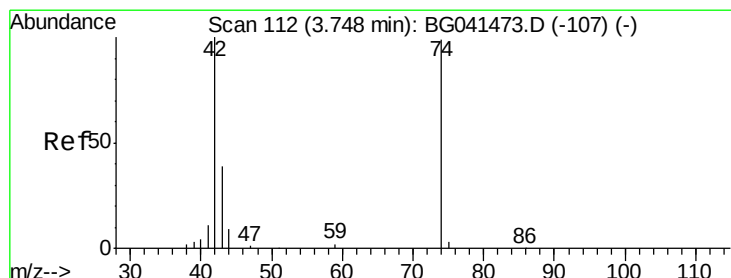
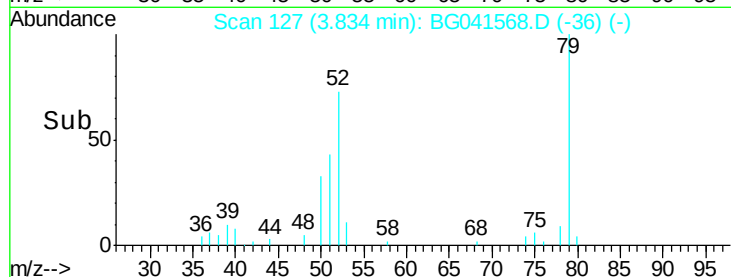
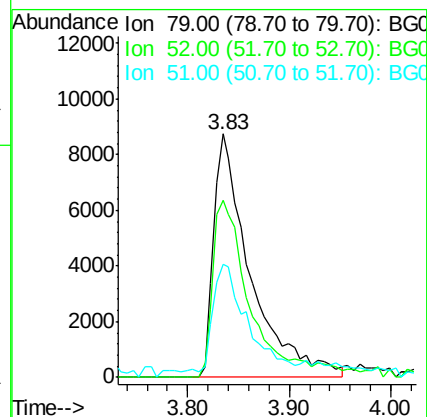
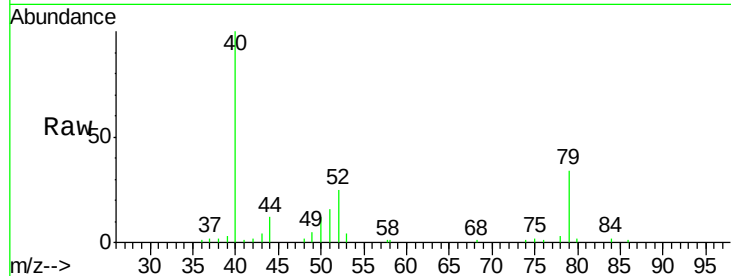
Tgt Ion: 79 Resp: 21926

Ion Ratio Lower Upper

79 100

52 72.6 59.4 89.0

51 46.4 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 16.766 ng

RT: 3.75 min Scan# 113

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

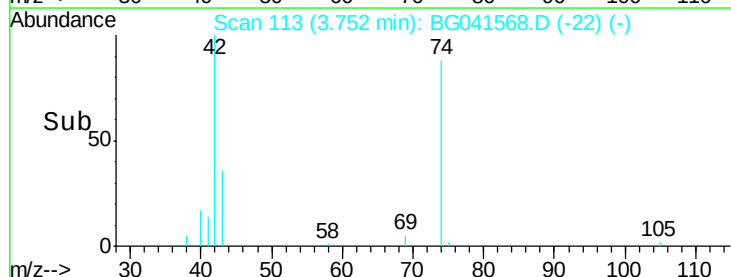
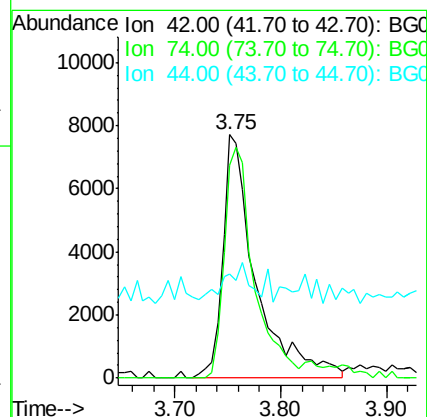
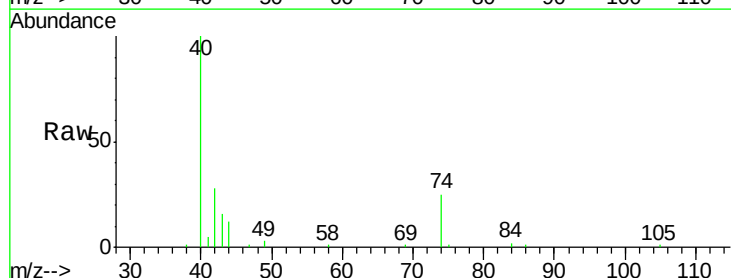
Tgt Ion: 42 Resp: 16890

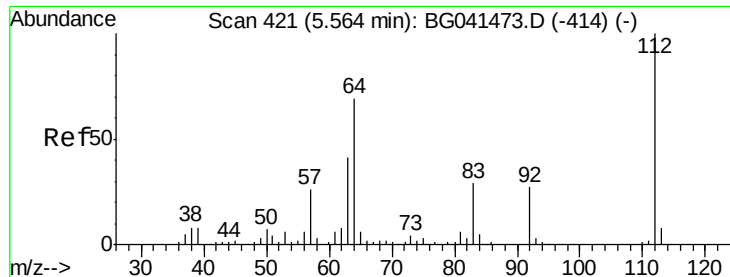
Ion Ratio Lower Upper

42 100

74 87.5 79.5 119.3

44 42.9 14.2 21.2#





#5

2-Fluorophenol

Concen: 65.736 ng

RT: 5.57 min Scan# 423

Delta R.T. 0.01 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

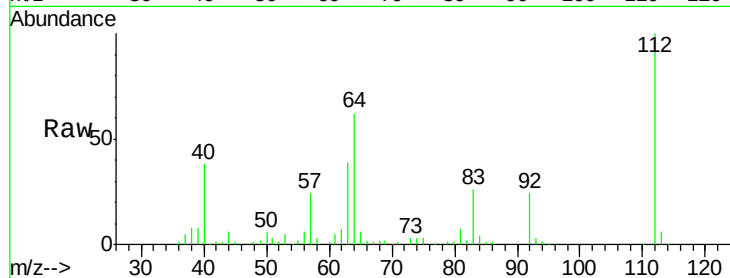
Instrument :

BNA_G

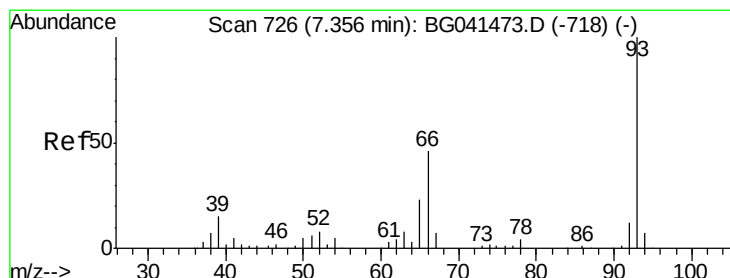
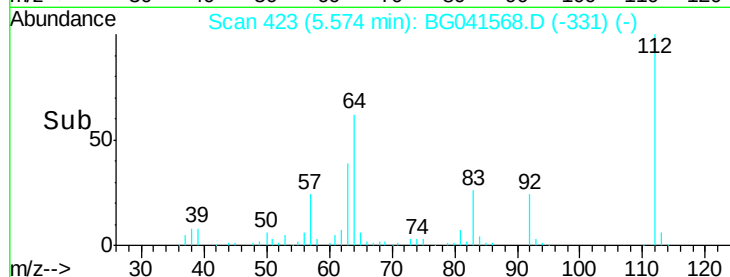
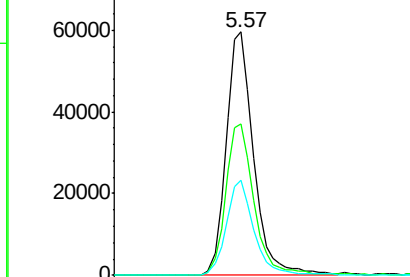
ClientSampleId :

SP-19-LF2MW2MSD

Tgt Ion:	112	Resp:	103615
Ion Ratio	Lower	Upper	
112	100		
64	62.3	55.1	82.7
63	38.9	32.4	48.6



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: 14.382 ng

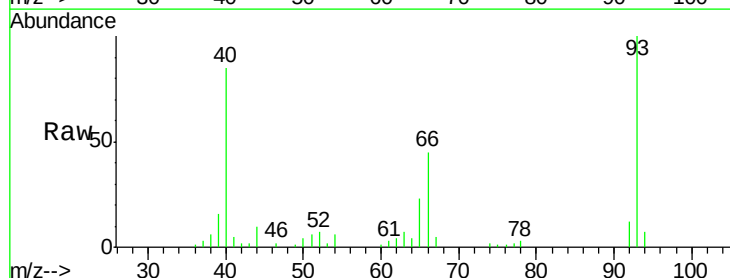
RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

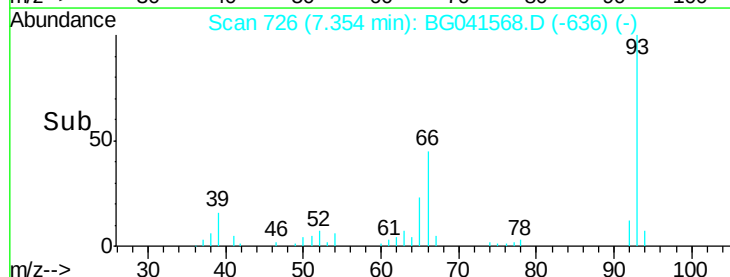
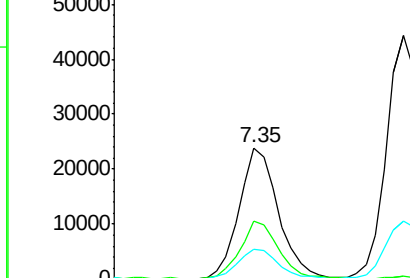
Lab File: BG041568.D

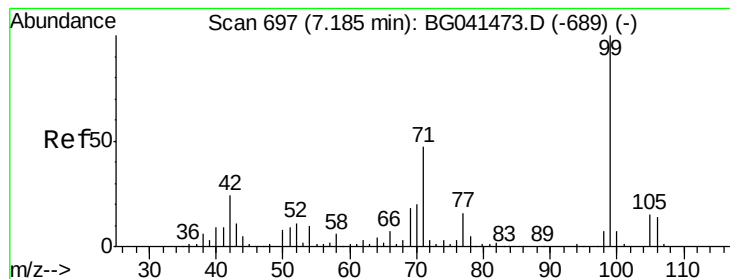
Acq: 2 Jul 2019 12:06

Tgt Ion:	93	Resp:	41135
Ion Ratio	Lower	Upper	
93	100		
66	44.6	37.4	56.0
65	22.5	18.6	27.8



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: 40.131 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

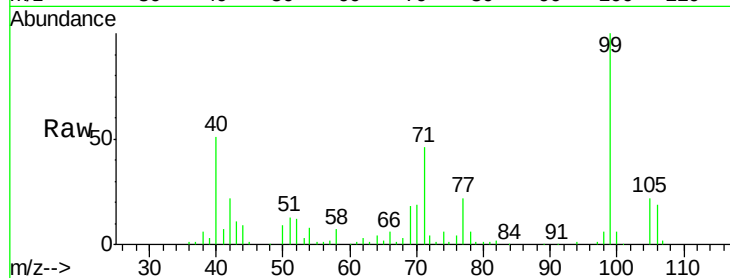
Tgt Ion: 99 Resp: 89047

Ion Ratio Lower Upper

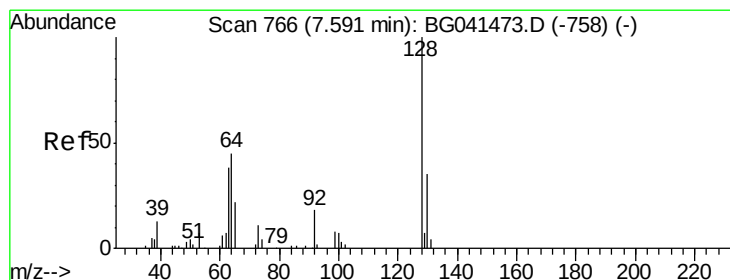
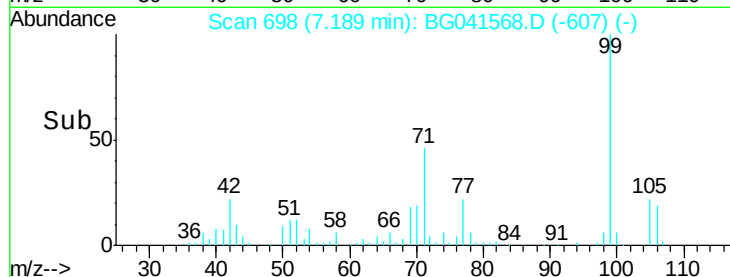
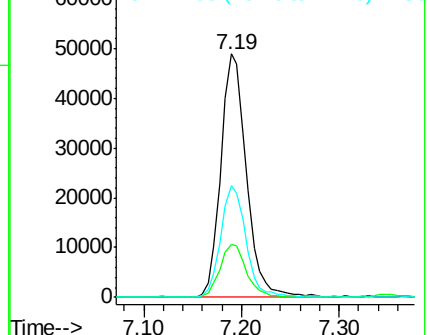
99 100

42 21.8 19.0 28.6

71 45.7 37.4 56.2



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



#8

2-Chlorophenol

Concen: 37.512 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

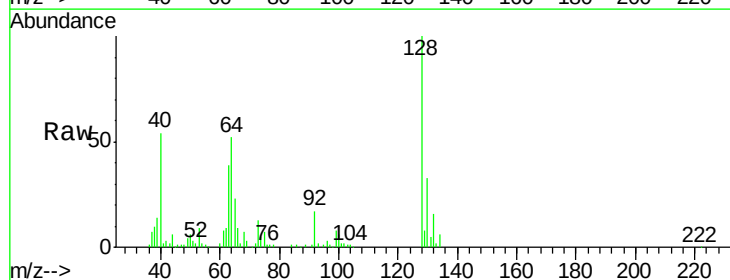
Tgt Ion: 128 Resp: 66312

Ion Ratio Lower Upper

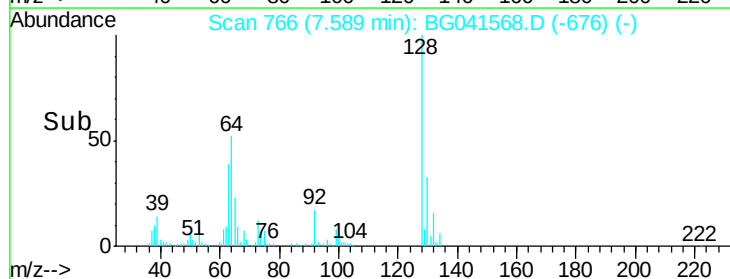
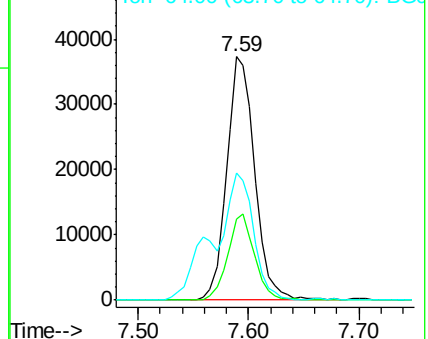
128 100

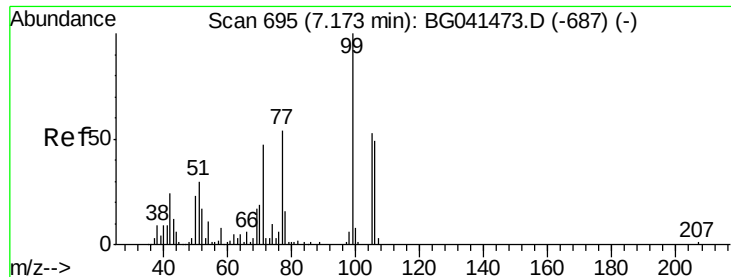
130 33.2 15.0 55.0

64 52.2 33.3 73.3



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





#9

Benzaldehyde

Concen: 44.911 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

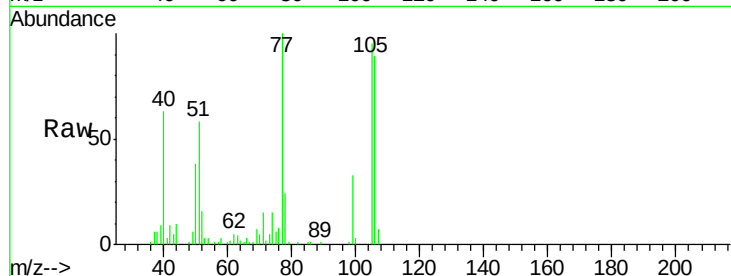
Tgt Ion: 77 Resp: 60182

Ion Ratio Lower Upper

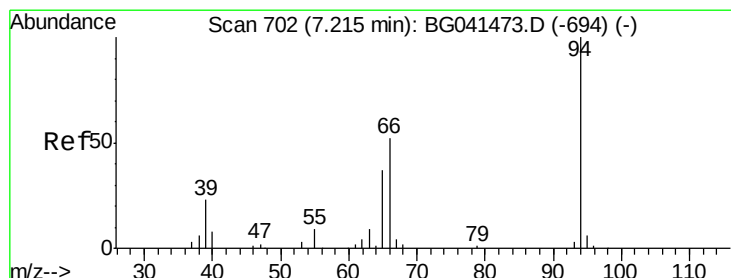
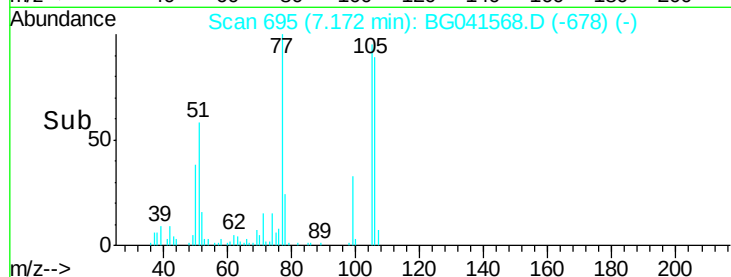
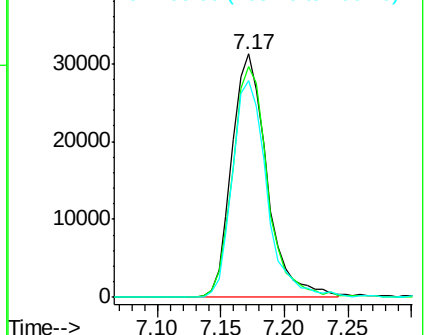
77 100

105 95.0 77.8 117.8

106 88.9 70.1 110.1



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: 13.571 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

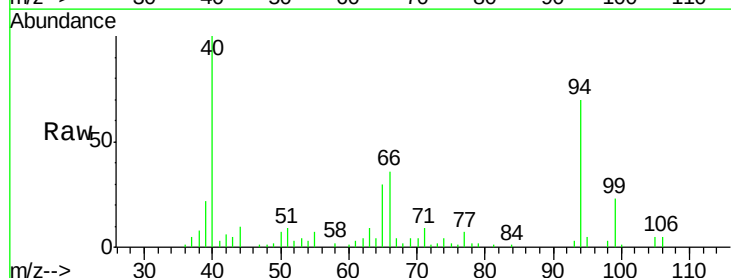
Tgt Ion: 94 Resp: 30350

Ion Ratio Lower Upper

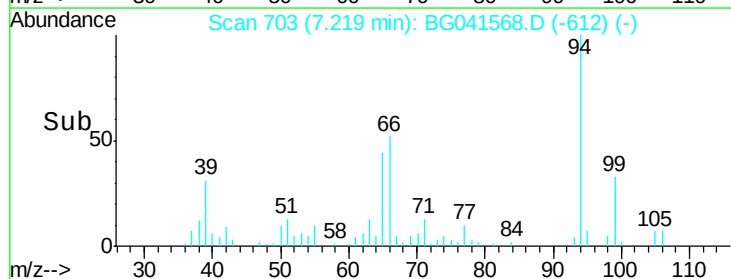
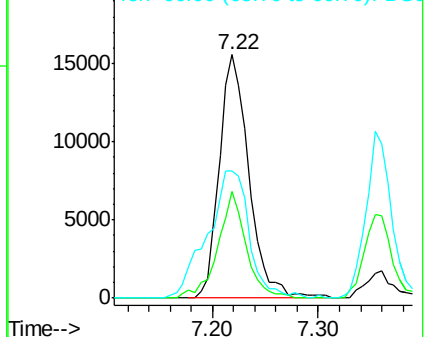
94 100

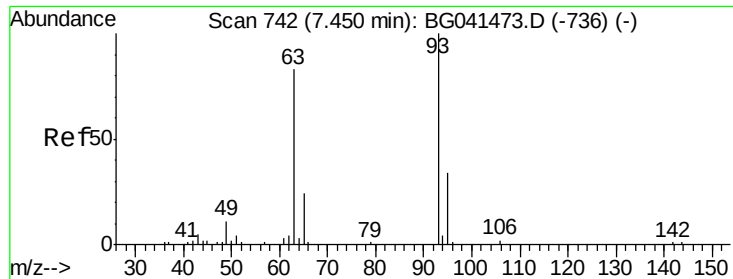
65 43.6 17.9 57.9

66 52.0 34.4 74.4



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

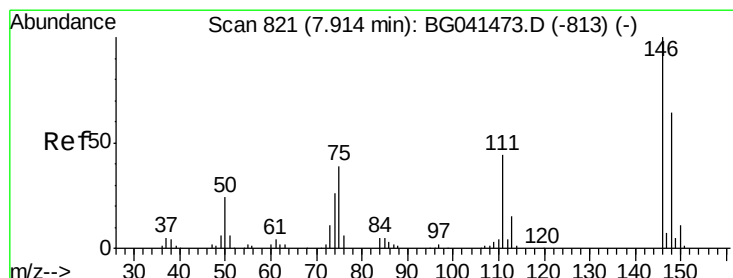
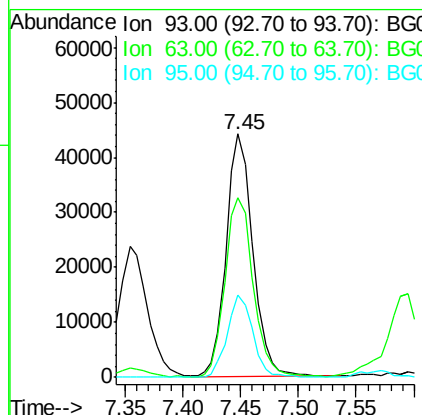
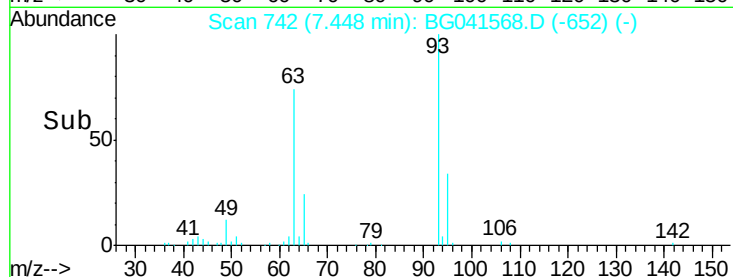
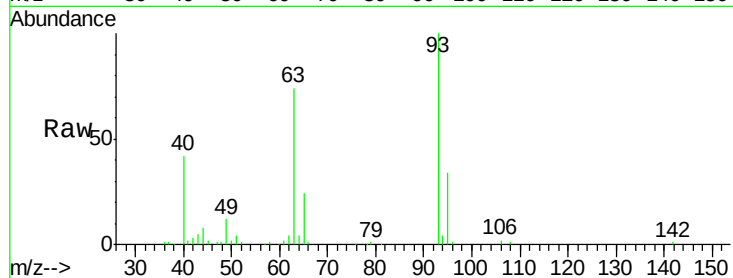




#11
 bis(2-Chloroethyl)ether
 Concen: 40.043 ng
 RT: 7.45 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

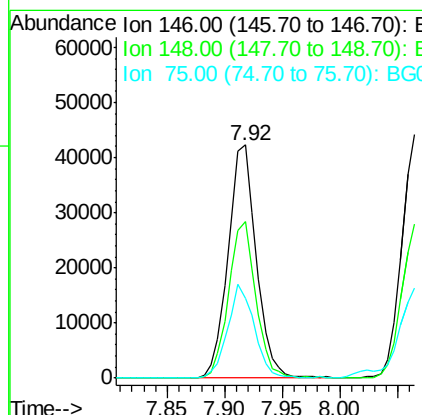
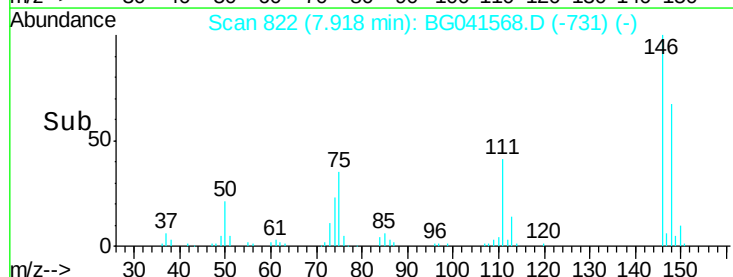
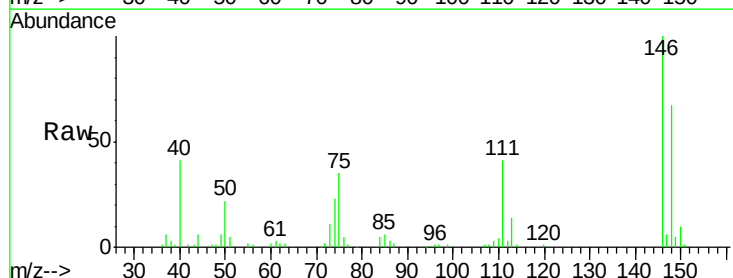
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

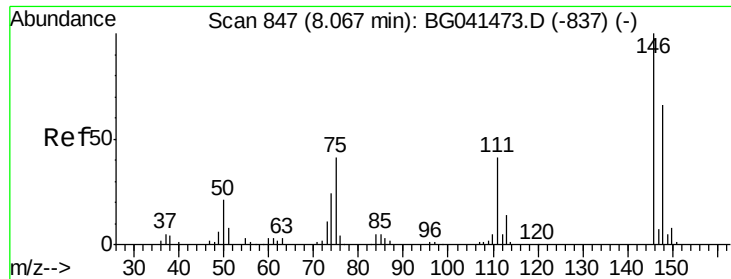
Tgt Ion: 93 Resp: 71015
 Ion Ratio Lower Upper
 93 100
 63 73.6 62.0 102.0
 95 33.6 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 31.366 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion: 146 Resp: 71727
 Ion Ratio Lower Upper
 146 100
 148 67.1 51.1 76.7
 75 34.5 31.0 46.6

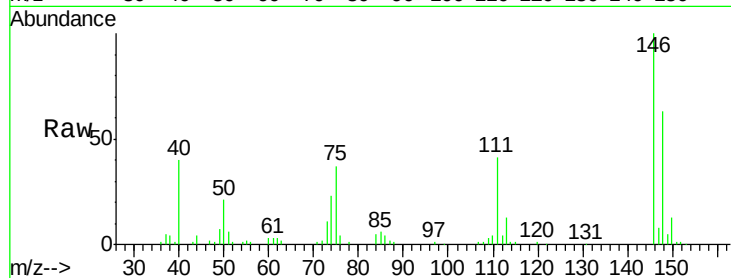




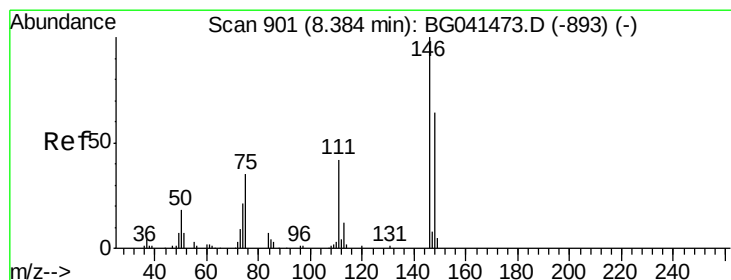
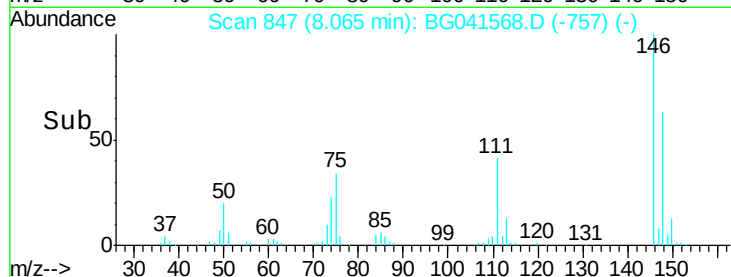
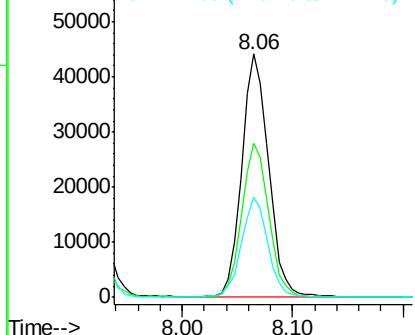
#13
 1,4-Dichlorobenzene
 Concen: 32.845 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tgt Ion:146 Resp: 75718
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.8 79.2
 111 41.2 33.1 49.7

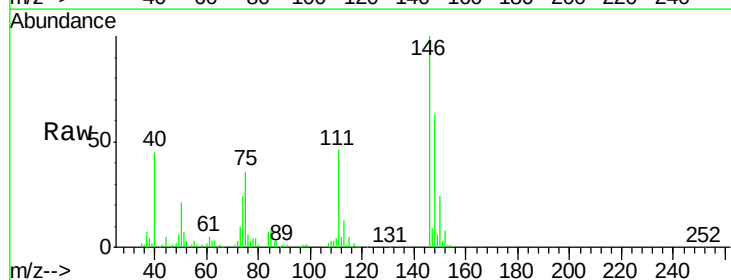


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

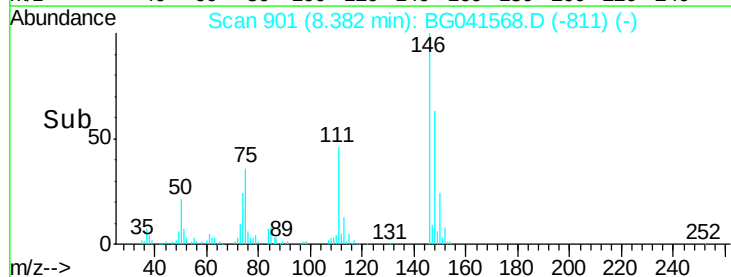
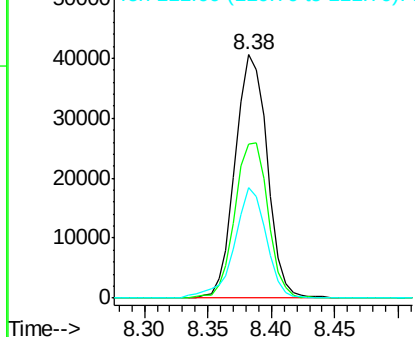


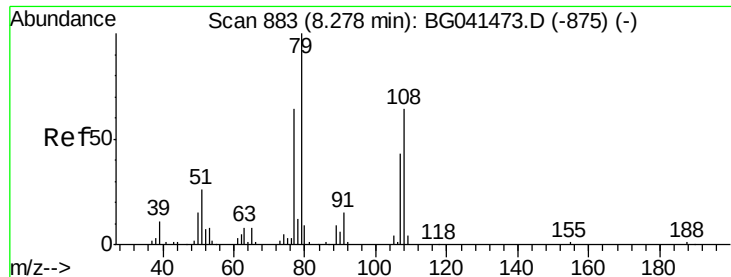
#14
 1,2-Dichlorobenzene
 Concen: 32.280 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion:146 Resp: 71248
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.3 76.9
 111 45.6 34.3 51.5



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: 23.468 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

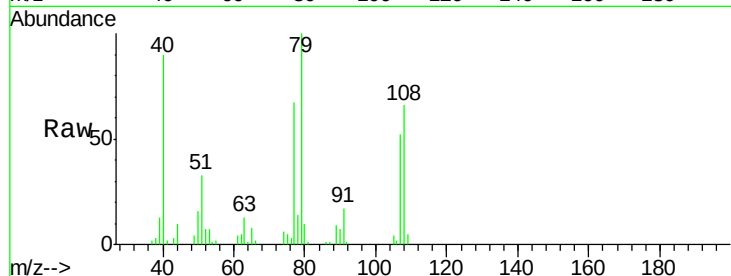
Tgt Ion: 79 Resp: 41470

Ion Ratio Lower Upper

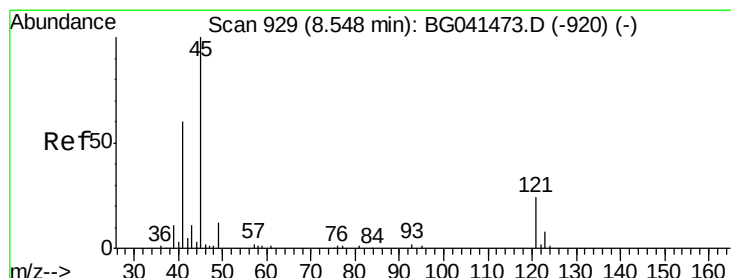
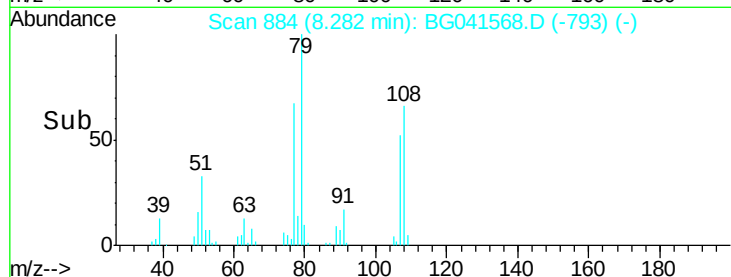
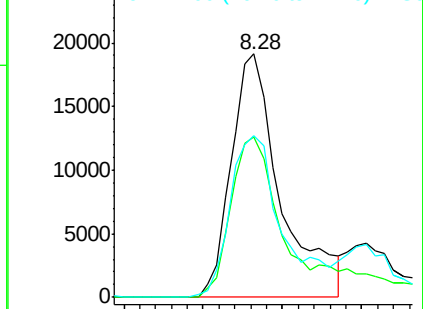
79 100

108 65.7 51.4 77.0

77 66.6 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.267 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.01 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

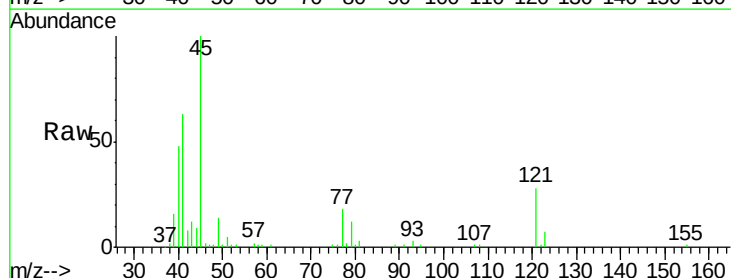
Tgt Ion: 45 Resp: 87831

Ion Ratio Lower Upper

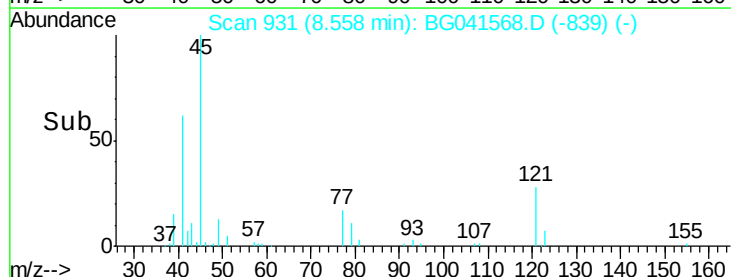
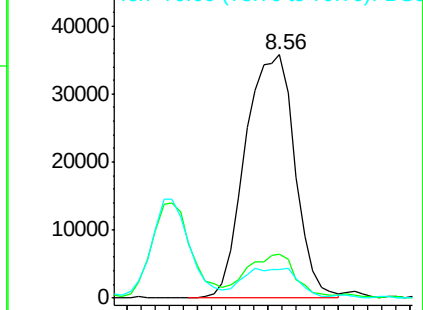
45 100

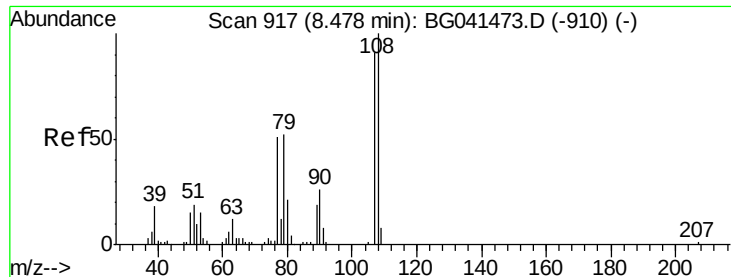
77 18.1 0.0 36.3

79 12.0 0.0 32.4



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





#17

2-Methylphenol

Concen: 29.422 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

Tgt Ion:107 Resp: 47896

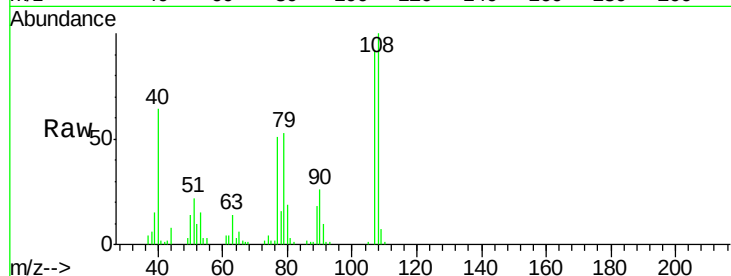
Ion Ratio Lower Upper

107 100

108 108.3 88.0 132.0

77 54.8 45.3 67.9

79 57.1 47.3 70.9

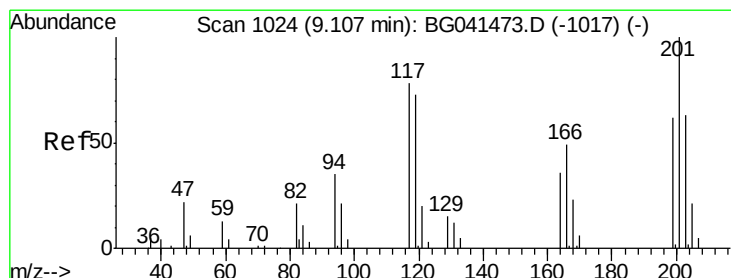
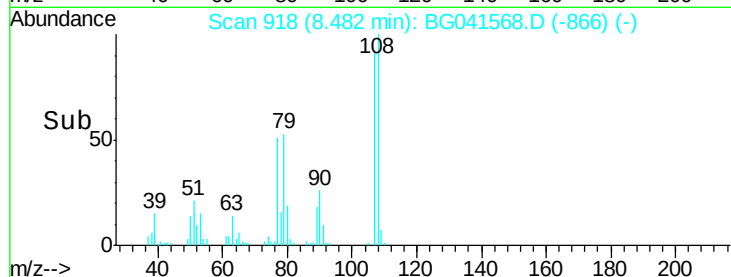
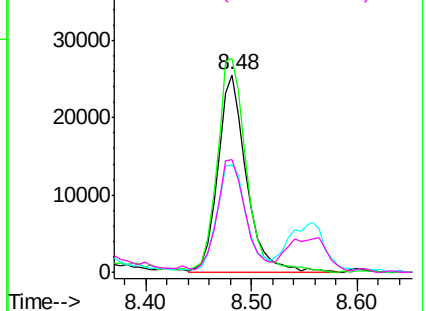


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.043 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

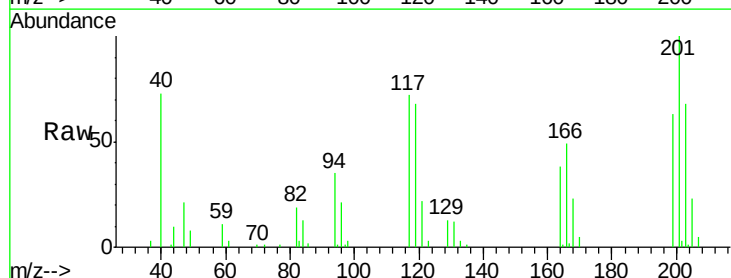
Tgt Ion:117 Resp: 27327

Ion Ratio Lower Upper

117 100

119 94.2 74.3 111.5

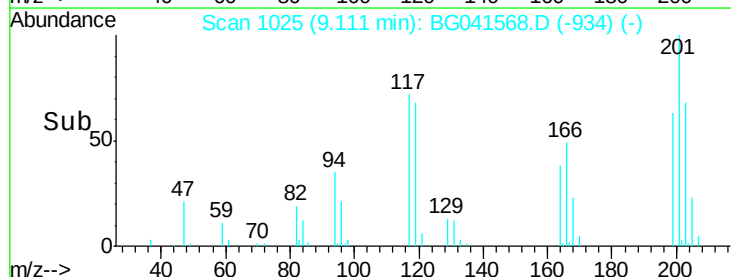
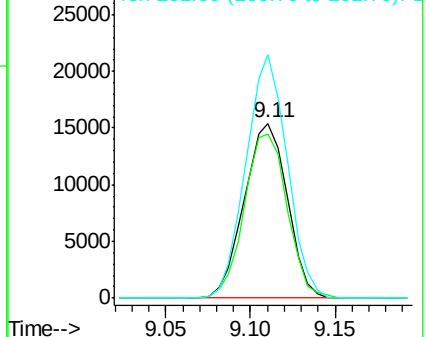
201 143.7 102.3 153.5

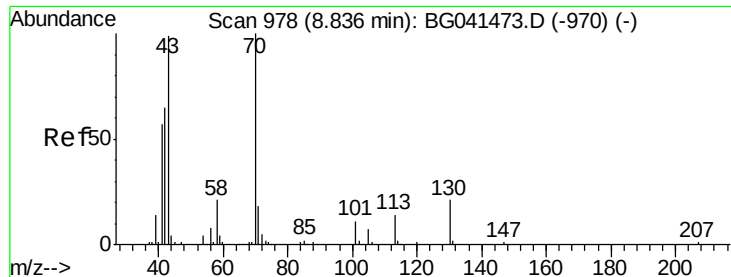


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

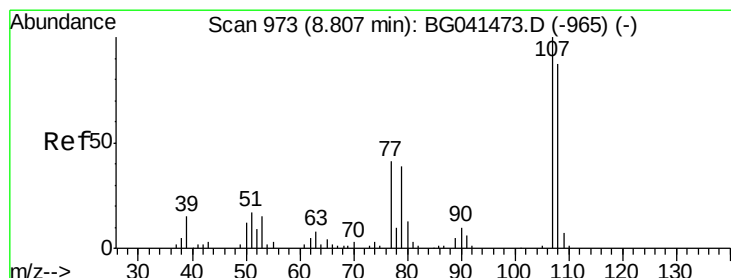
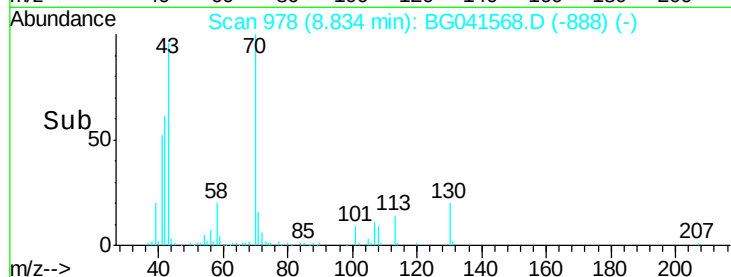
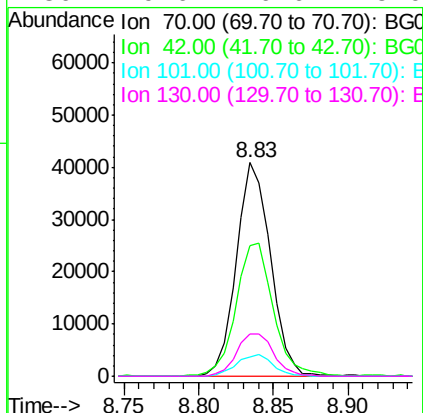
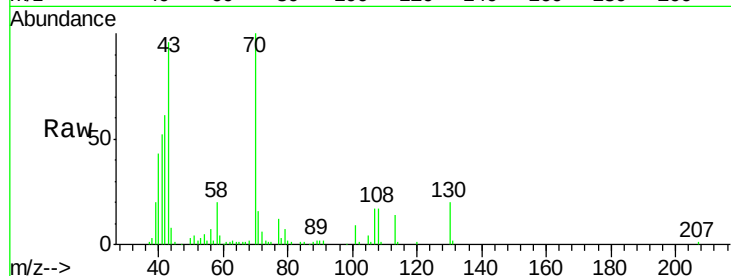




#19
n-Nitroso-di-n-propylamine
Concen: 39.303 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

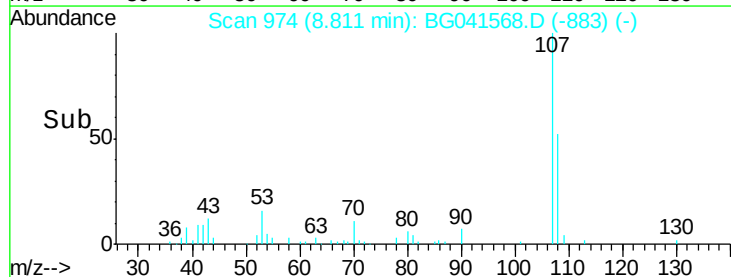
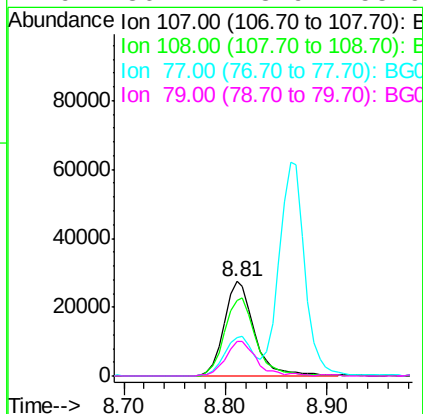
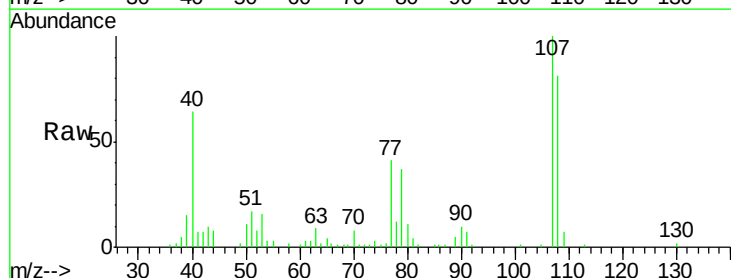
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

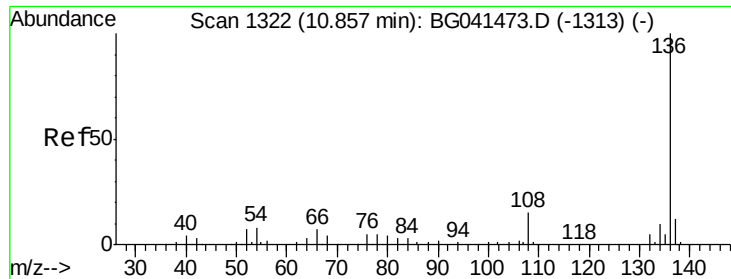
Tgt Ion:	70	Resp:	65051
Ion	Ratio	Lower	Upper
70	100		
42	61.1	52.6	78.8
101	8.9	8.6	13.0
130	19.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 26.131 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:	107	Resp:	56697
Ion	Ratio	Lower	Upper
107	100		
108	80.7	67.0	107.0
77	40.9	20.6	60.6
79	36.7	18.9	58.9

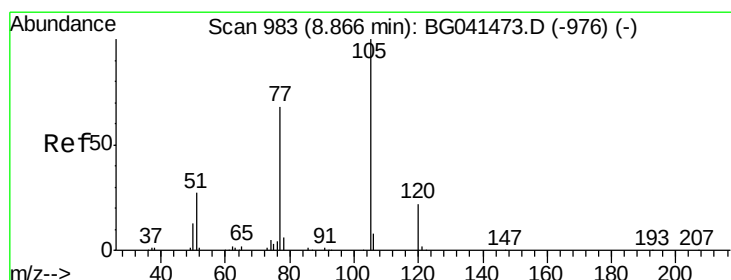
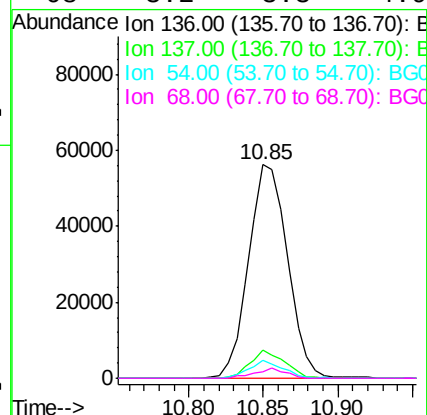
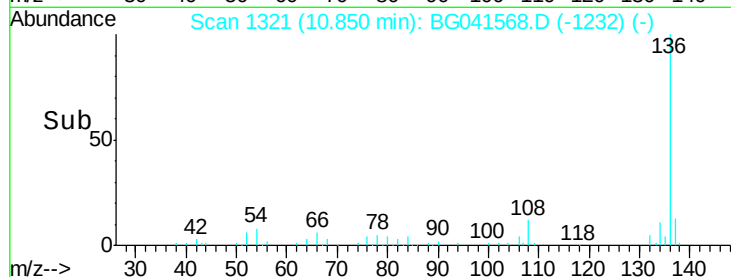
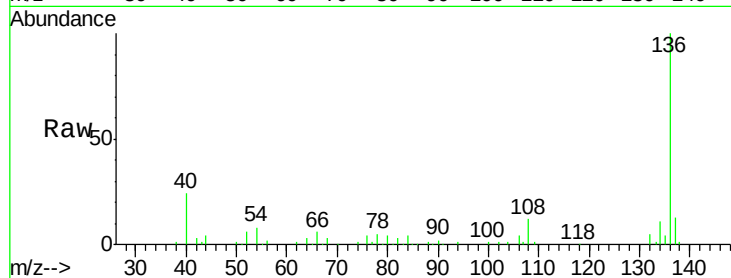




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

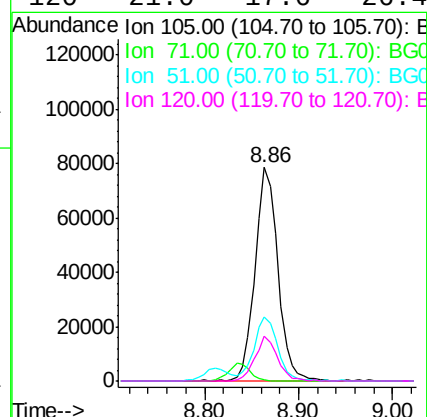
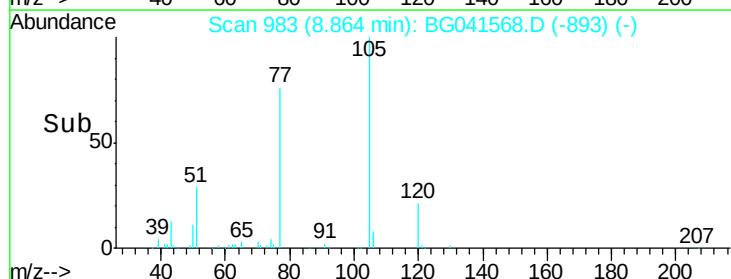
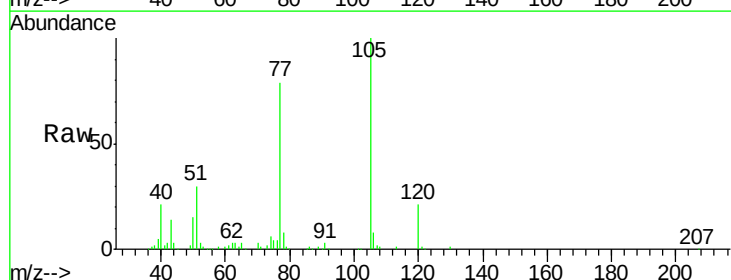
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

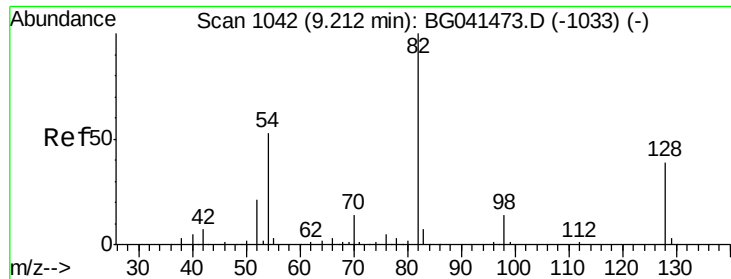
Tgt Ion:136 Resp: 101411
Ion Ratio Lower Upper
136 100
137 13.5 9.3 13.9
54 8.2 7.1 10.7
68 3.2 3.3 4.9#



#22
Acetophenone
Concen: 43.713 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:105 Resp: 132971
Ion Ratio Lower Upper
105 100
71 0.6 0.5 0.7
51 30.1 25.0 37.6
120 21.0 17.6 26.4

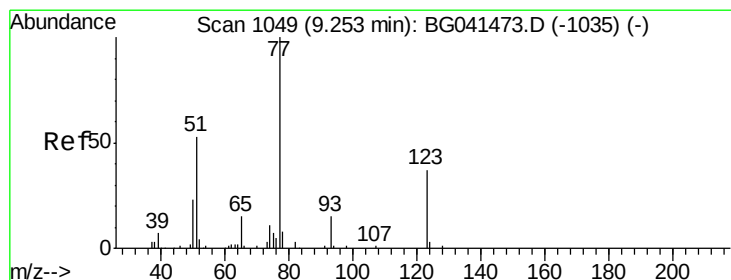
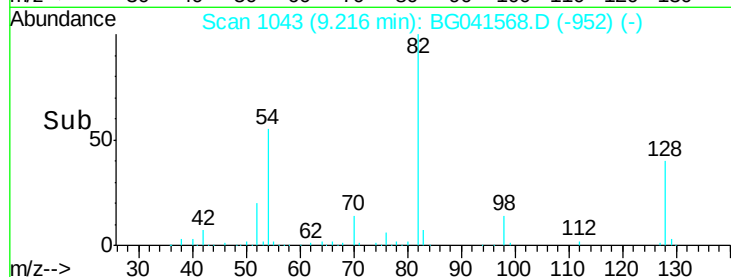
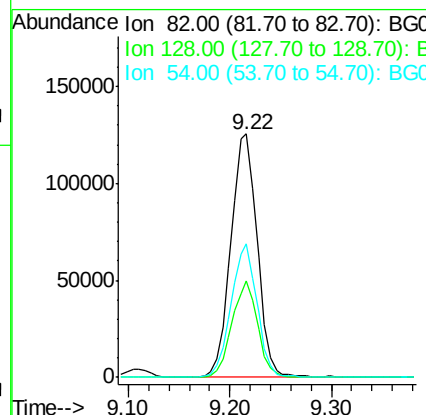
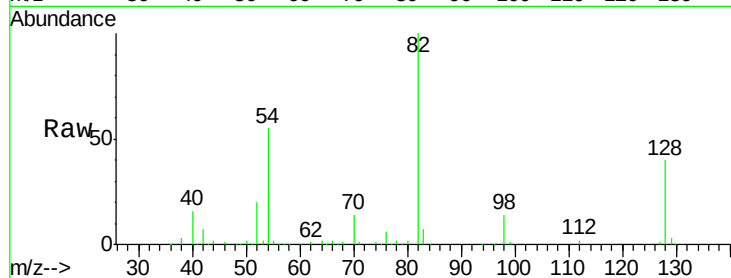




#23
 Nitrobenzene-d5
 Concen: 93.248 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

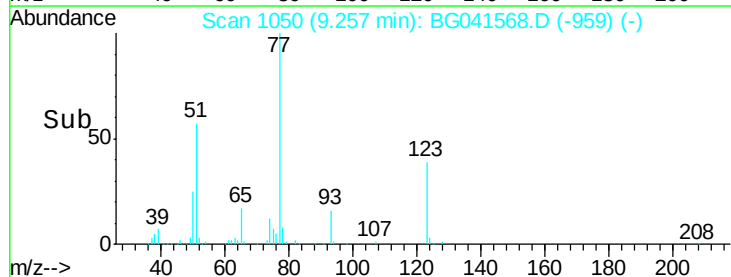
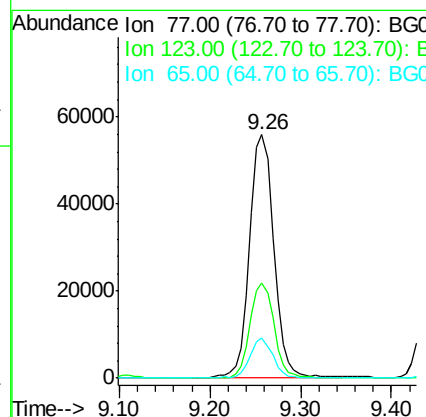
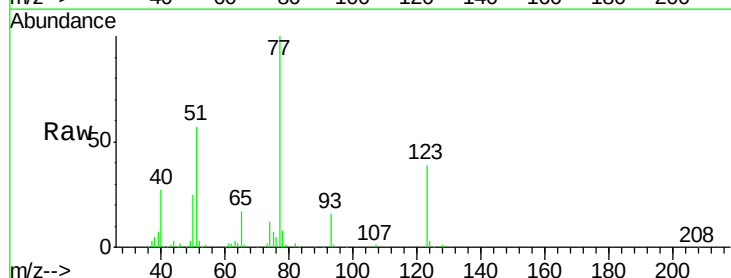
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

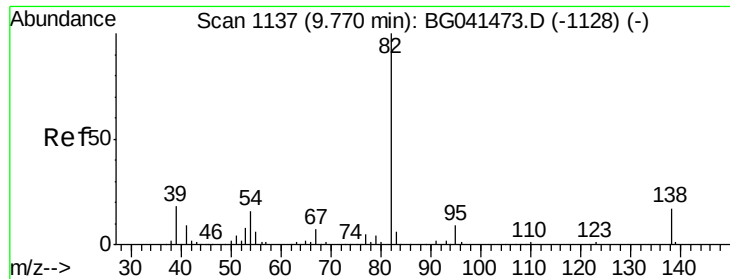
Tgt Ion: 82 Resp: 226733
 Ion Ratio Lower Upper
 82 100
 128 39.5 30.9 46.3
 54 54.8 42.2 63.2



#24
 Nitrobenzene
 Concen: 42.774 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion: 77 Resp: 104396
 Ion Ratio Lower Upper
 77 100
 123 39.0 29.9 44.9
 65 16.5 12.2 18.4





#25

Isophorone

Concen: 42.334 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

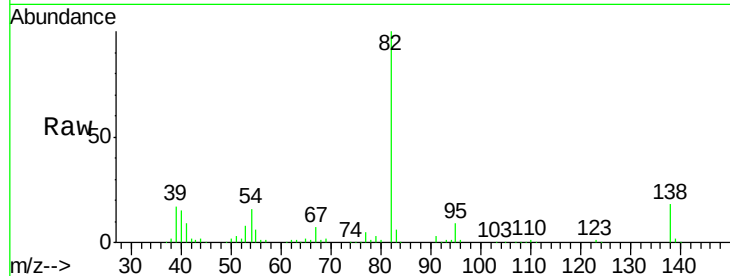
Tgt Ion: 82 Resp: 184810

Ion Ratio Lower Upper

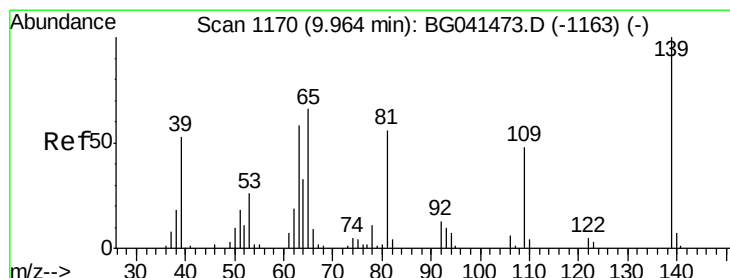
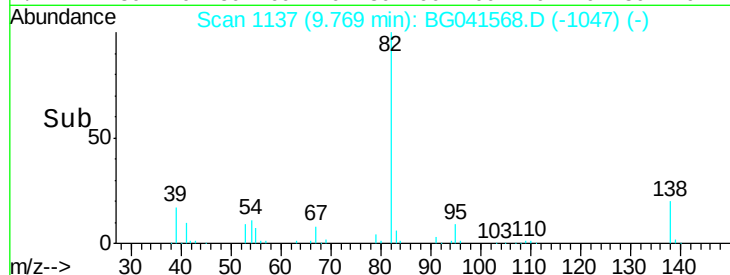
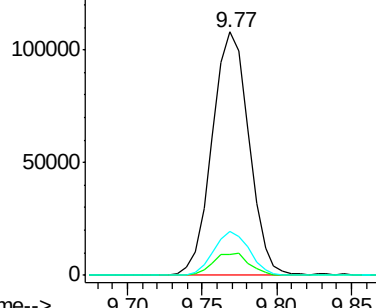
82 100

95 8.5 6.8 10.2

138 17.8 13.7 20.5



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: 47.332 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

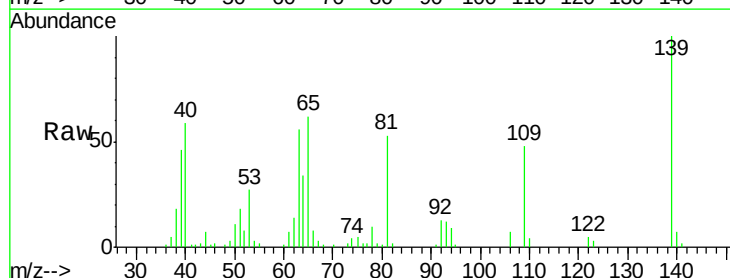
Tgt Ion: 139 Resp: 48244

Ion Ratio Lower Upper

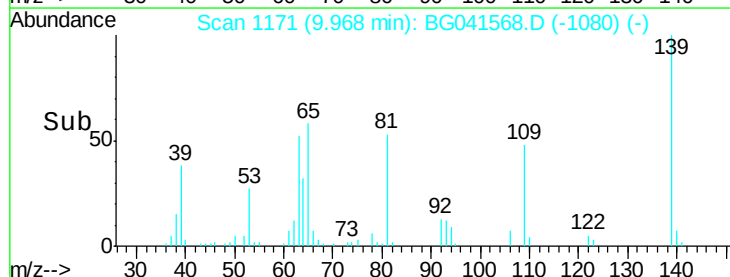
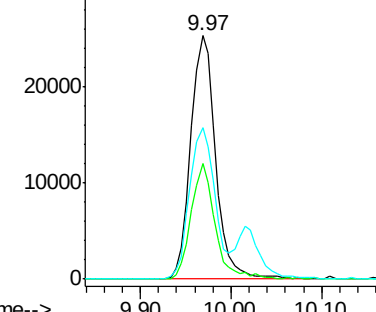
139 100

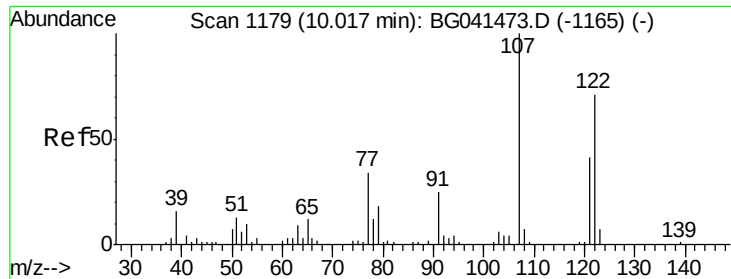
109 47.7 38.6 57.8

65 62.1 52.6 78.8



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

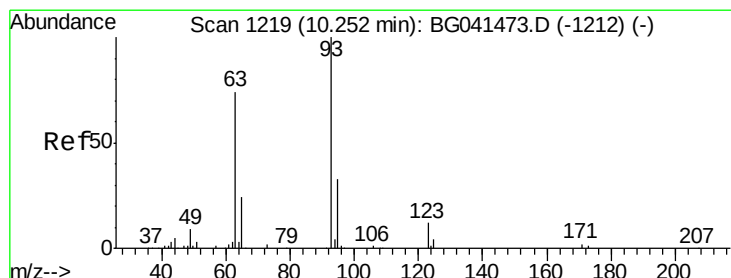
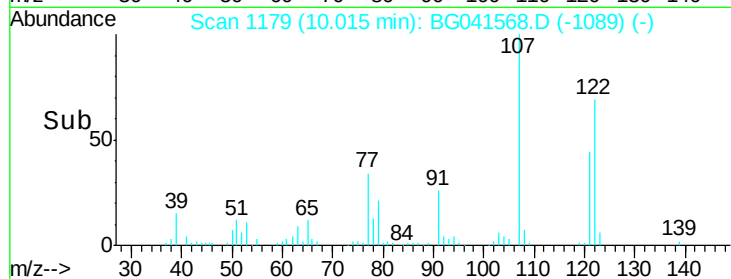
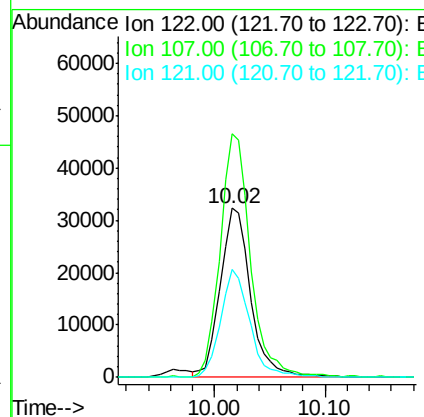
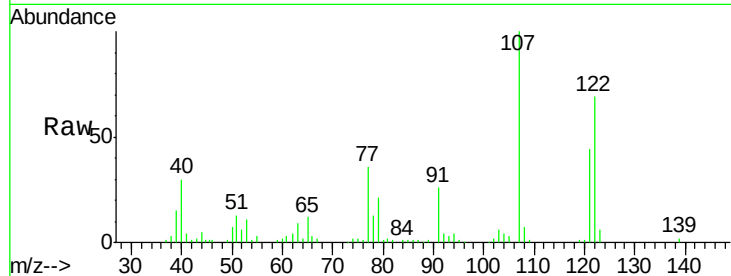




#27
2,4-Dimethylphenol
Concen: 43.927 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

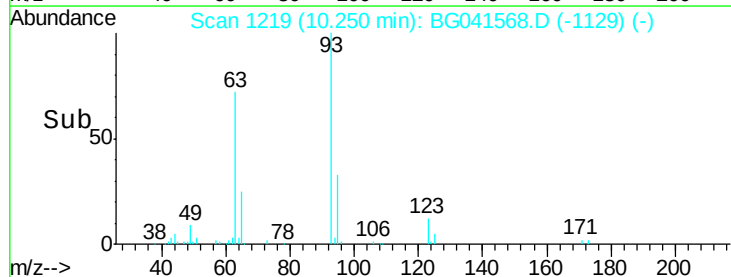
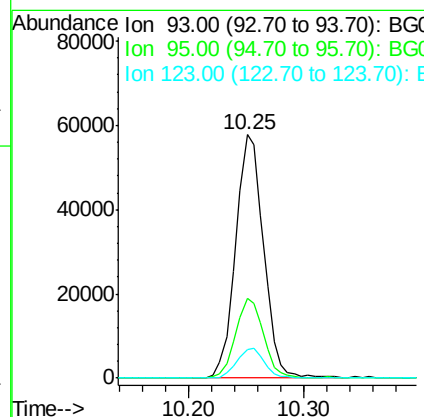
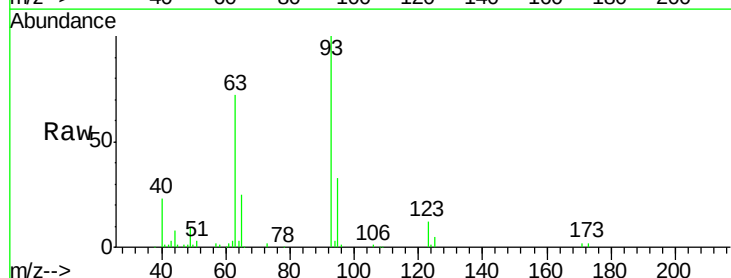
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

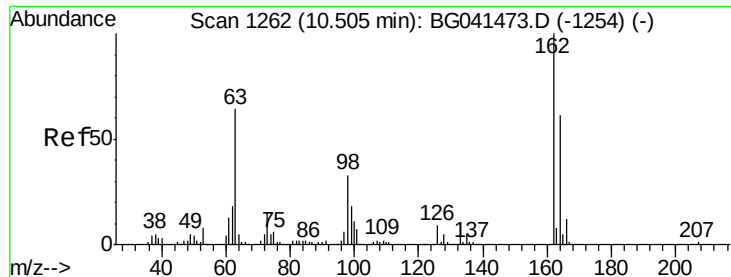
Tgt Ion:122 Resp: 62314
Ion Ratio Lower Upper
122 100
107 144.2 112.9 169.3
121 64.0 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 41.905 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion: 93 Resp: 96735
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 11.8 9.6 14.4

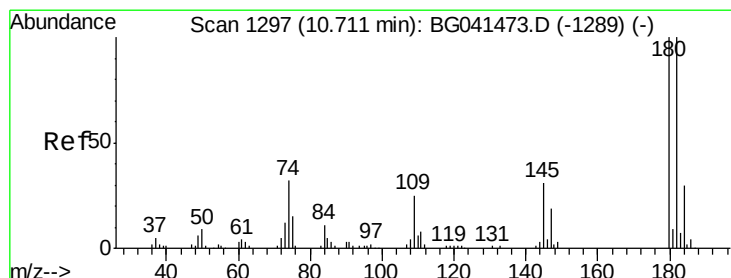
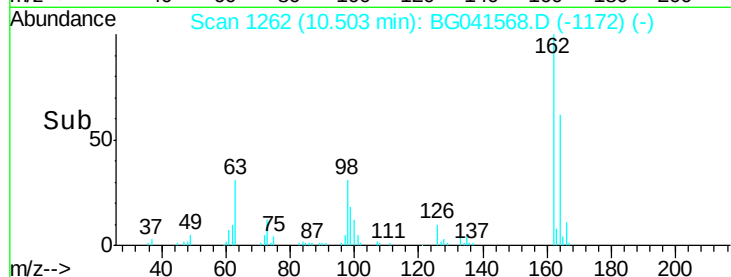
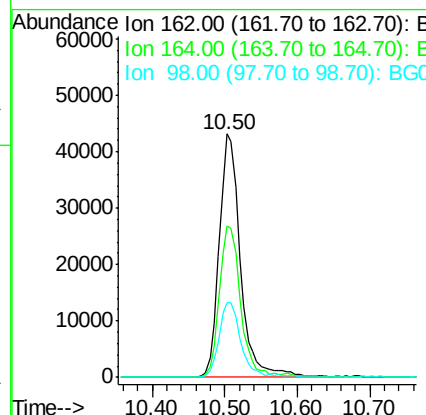
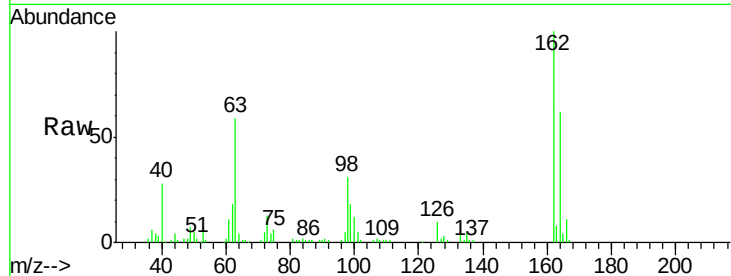




#29
 2,4-Dichlorophenol
 Concen: 45.943 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

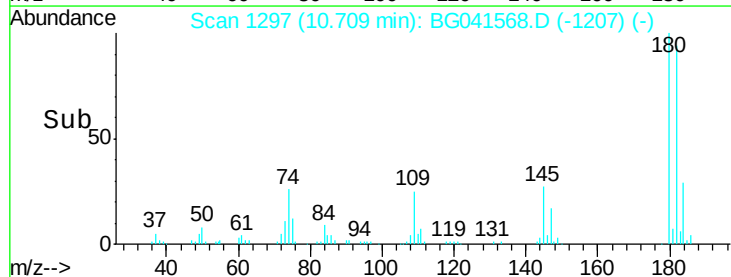
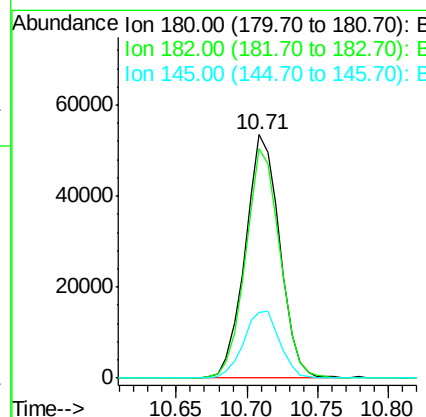
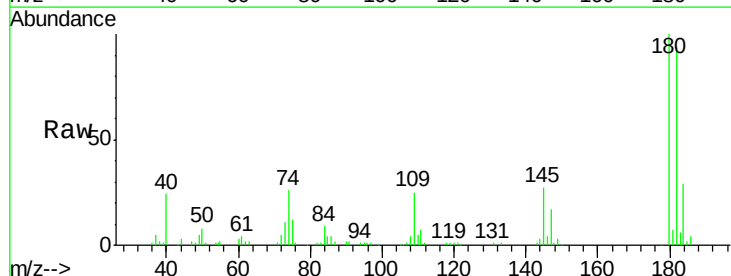
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

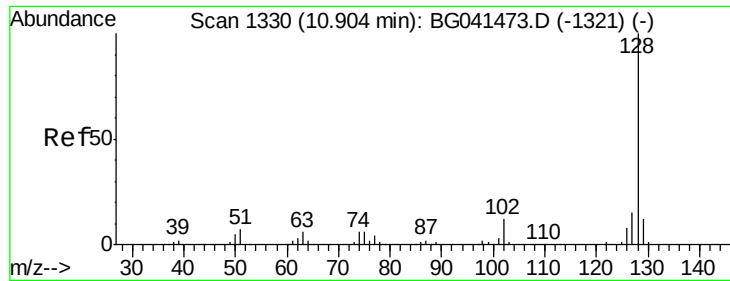
Tgt Ion:162 Resp: 88031
 Ion Ratio Lower Upper
 162 100
 164 62.0 41.3 81.3
 98 30.7 13.2 53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 37.369 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion:180 Resp: 91773
 Ion Ratio Lower Upper
 180 100
 182 94.3 79.9 119.9
 145 27.0 24.7 37.1

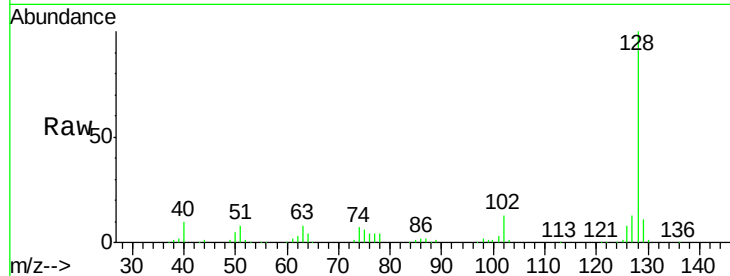




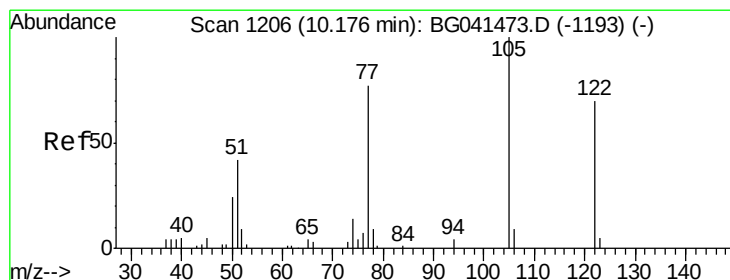
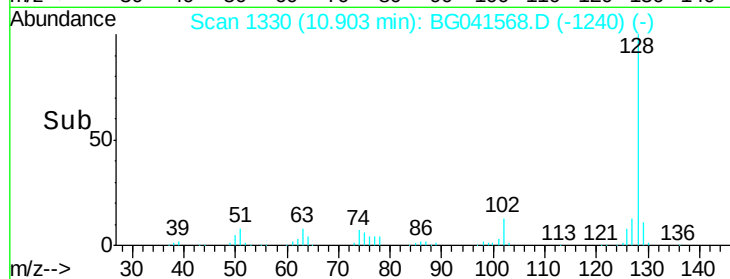
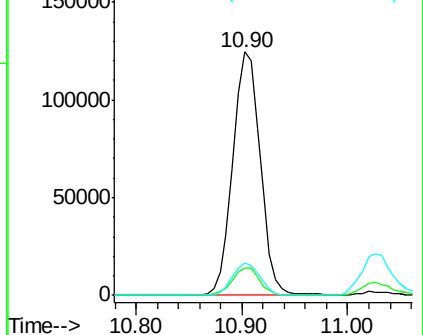
#31
Naphthalene
Concen: 39.921 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tgt Ion:128 Resp: 223891
Ion Ratio Lower Upper
128 100
129 11.2 9.7 14.5
127 13.2 11.6 17.4

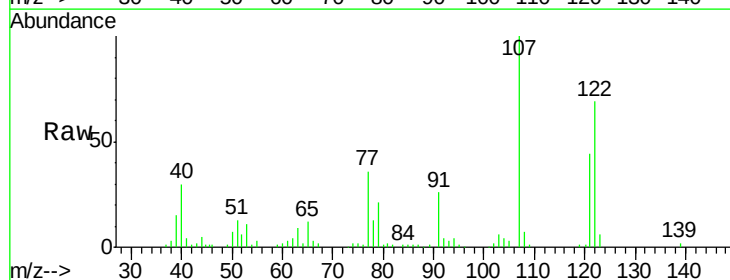


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

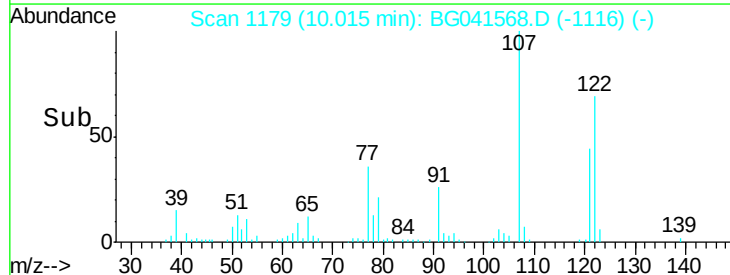
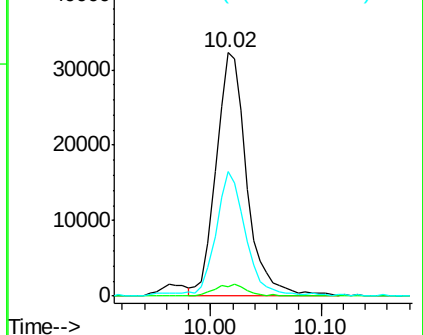


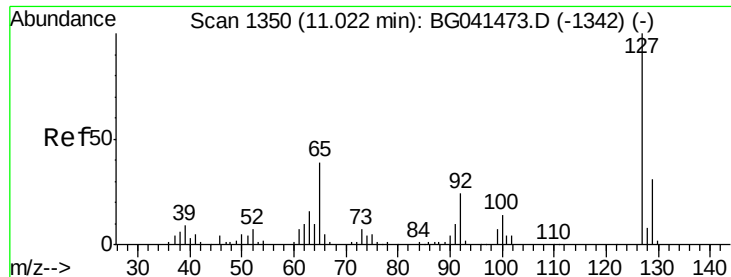
#32
Benzoic acid
Concen: 63.031 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.16 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:122 Resp: 62314
Ion Ratio Lower Upper
122 100
105 4.1 117.8 157.8#
77 51.2 88.9 128.9#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

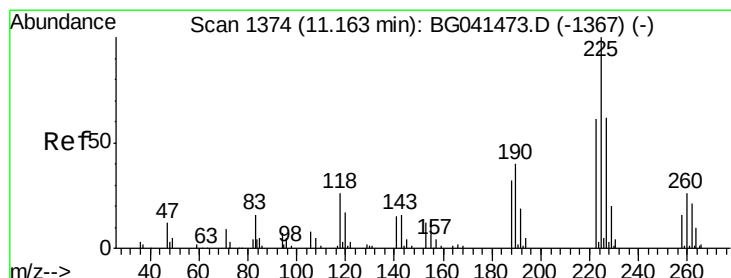
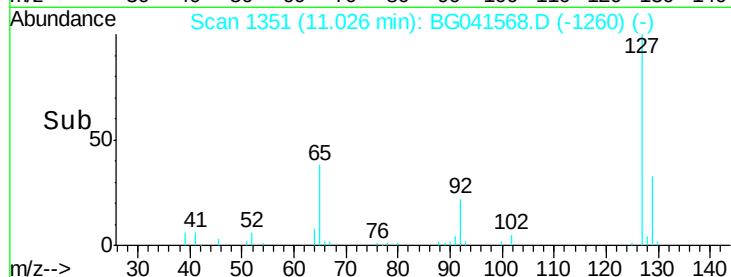
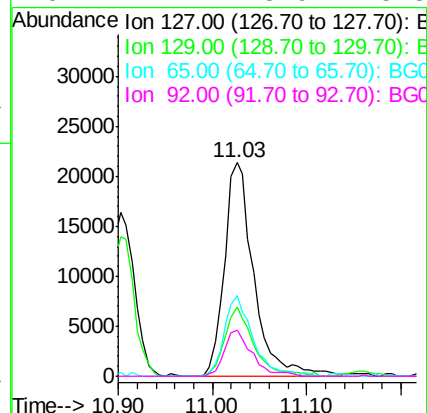
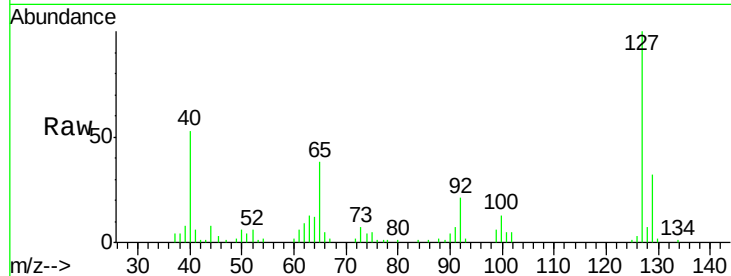




#33
 4-Chloroaniline
 Concen: 19.761 ng
 RT: 11.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

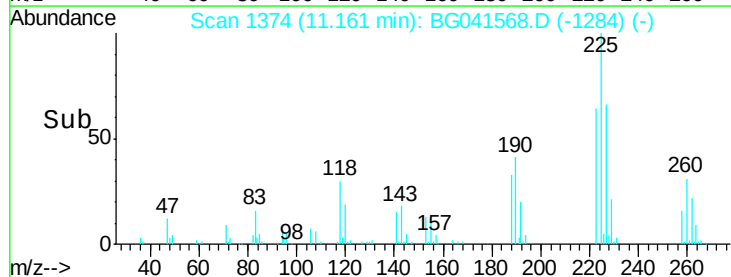
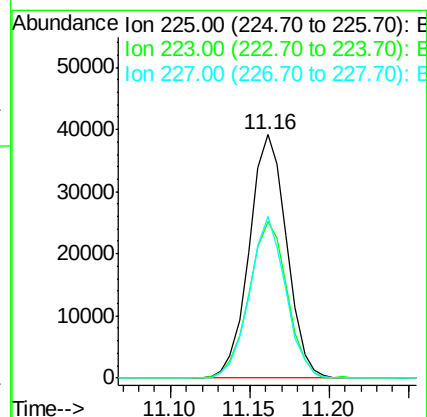
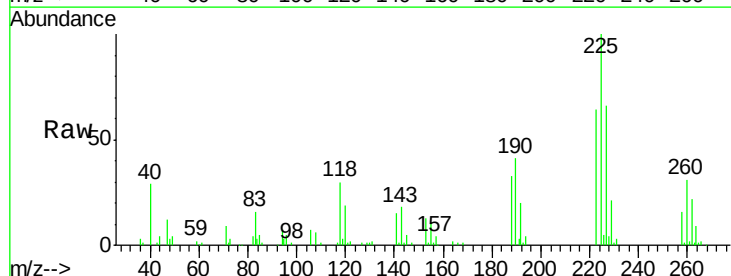
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

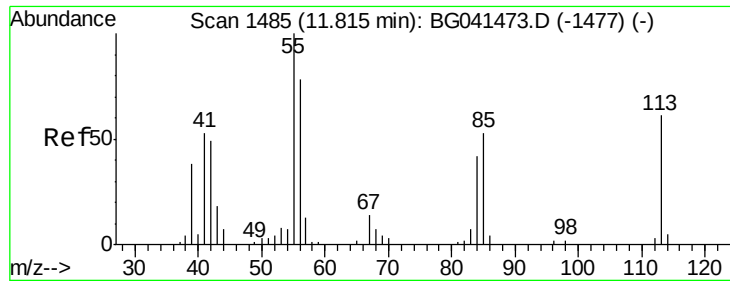
Tgt Ion:127 Resp: 46651
 Ion Ratio Lower Upper
 127 100
 129 32.4 24.6 37.0
 65 37.8 31.5 47.3
 92 21.4 18.9 28.3



#34
 Hexachlorobutadiene
 Concen: 32.912 ng
 RT: 11.16 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion:225 Resp: 64160
 Ion Ratio Lower Upper
 225 100
 223 64.3 48.6 72.8
 227 70.0 49.3 73.9

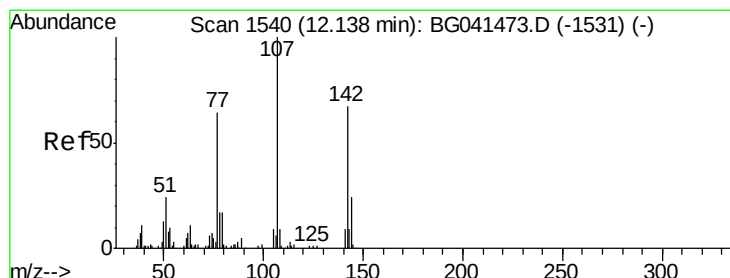
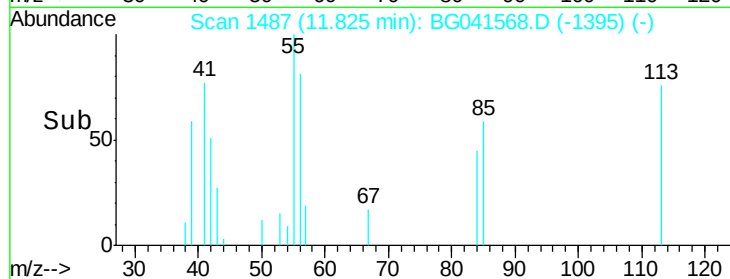
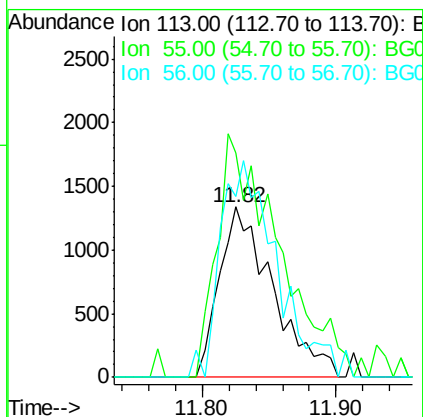
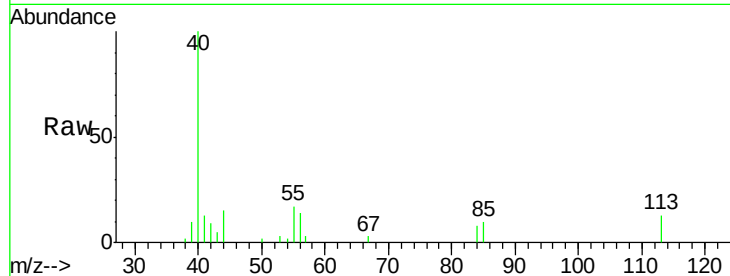




#35
 Caprolactam
 Concen: 6.223 ng
 RT: 11.82 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

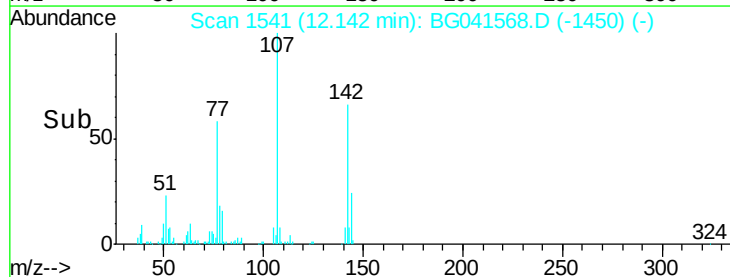
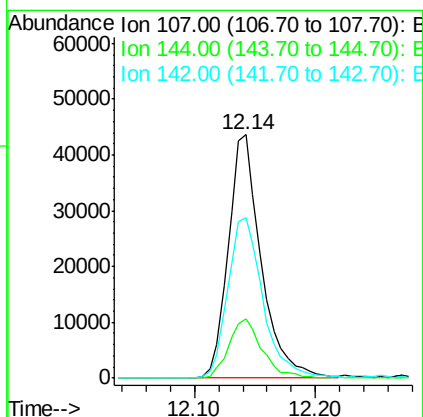
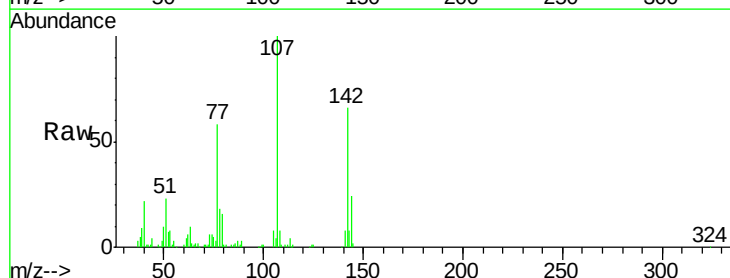
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

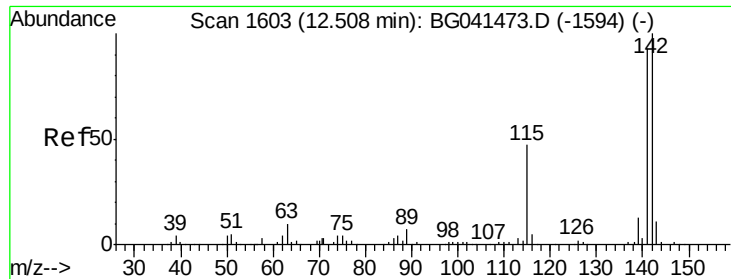
Tgt Ion:113 Resp: 3723
 Ion Ratio Lower Upper
 113 100
 55 131.7 145.1 185.1#
 56 106.6 109.4 149.4#



#36
 4-Chloro-3-methylphenol
 Concen: 39.719 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion:107 Resp: 82461
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.4 29.0
 142 66.0 53.8 80.6

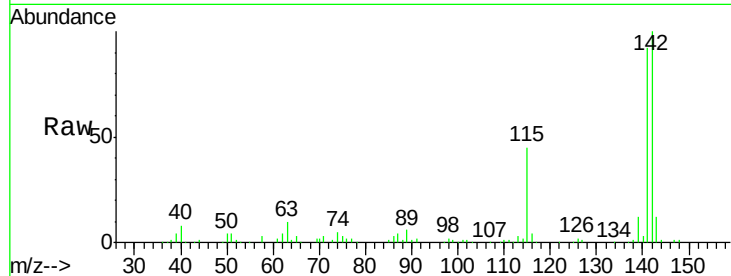




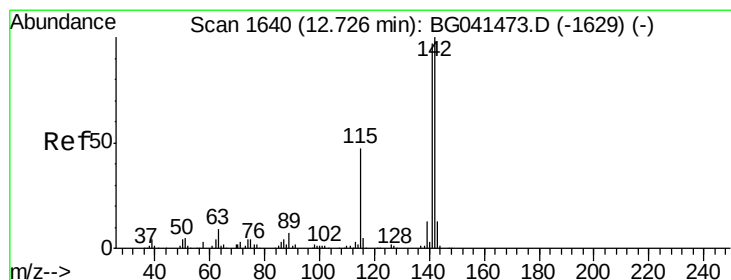
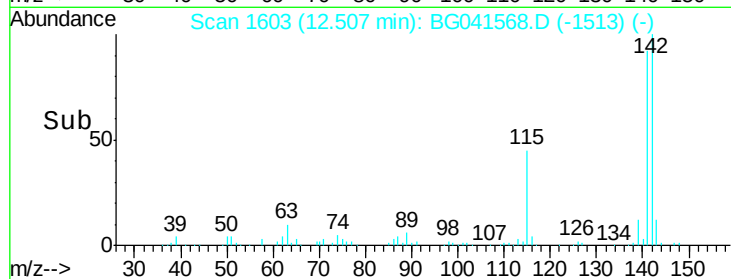
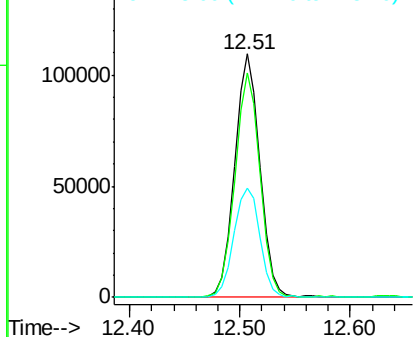
#37
2-Methylnaphthalene
Concen: 42.407 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tgt Ion:142 Resp: 175705
Ion Ratio Lower Upper
142 100
141 92.1 74.8 112.2
115 44.7 38.0 57.0

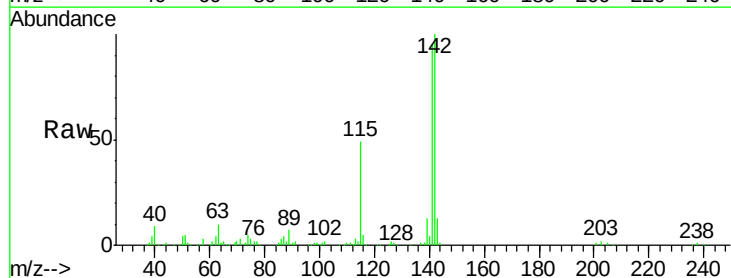


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

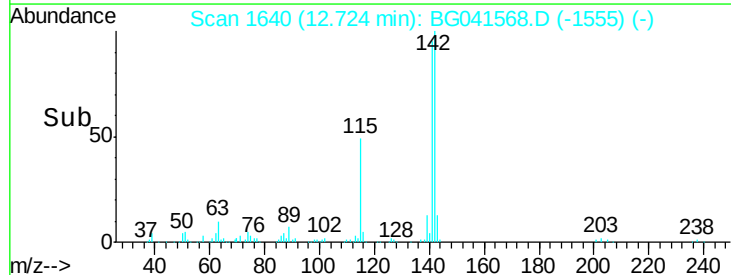
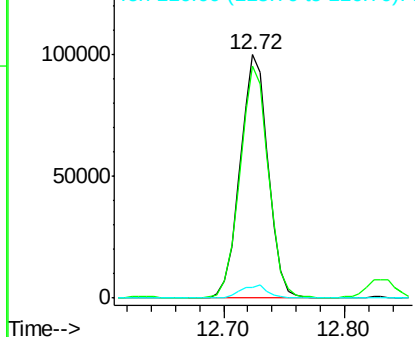


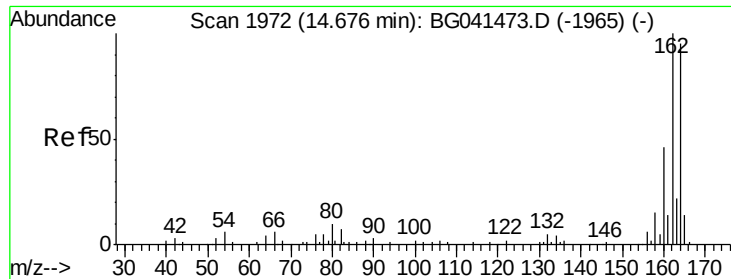
#38
1-Methylnaphthalene
Concen: 40.926 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:142 Resp: 161773
Ion Ratio Lower Upper
142 100
141 95.3 77.4 116.2
116 4.5 3.8 5.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

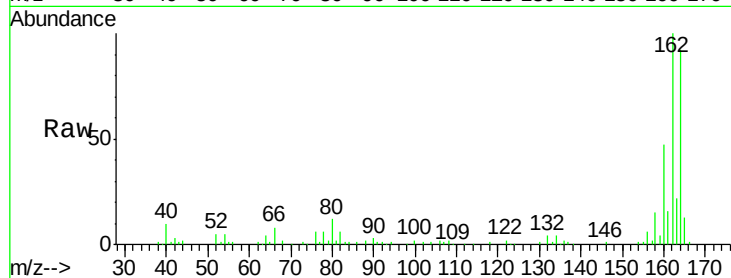
Tgt Ion:164 Resp: 69643

Ion Ratio Lower Upper

164 100

162 108.2 84.4 126.6

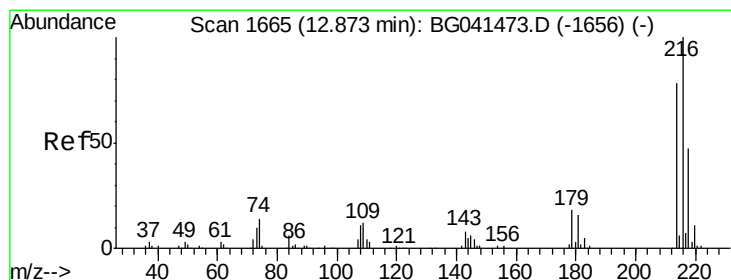
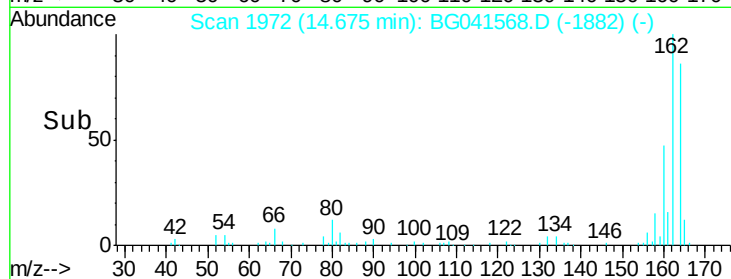
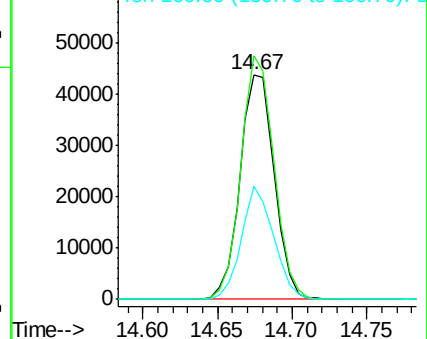
160 50.4 38.8 58.2



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: 44.416 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Tgt Ion:216 Resp: 136207

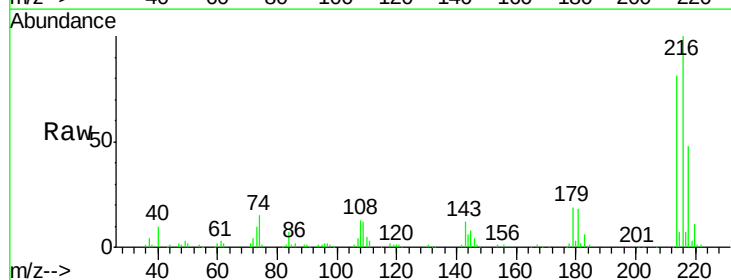
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.2

179 18.9 15.1 22.7

108 12.9 11.7 17.5

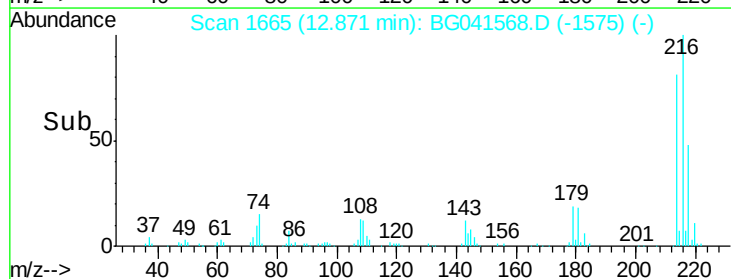
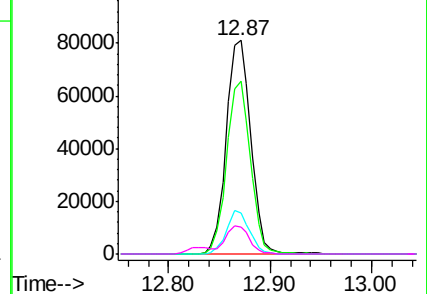


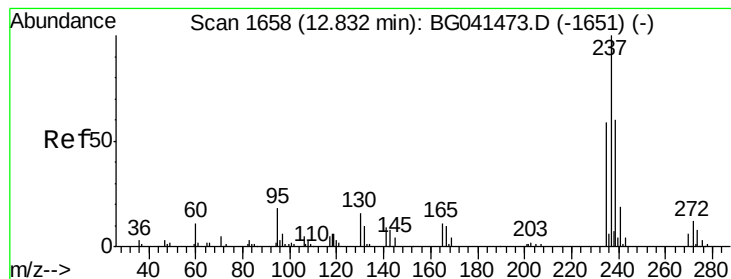
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.201 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

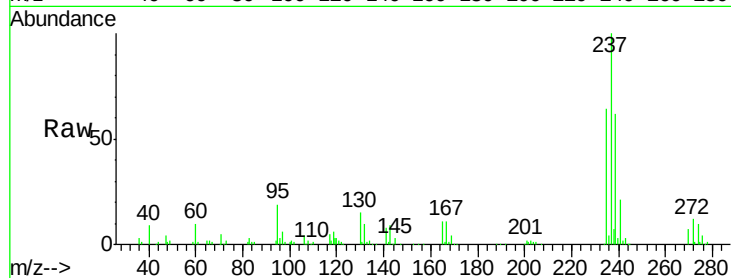
Tgt Ion: 237 Resp: 138686

Ion Ratio Lower Upper

237 100

235 64.0 39.1 79.1

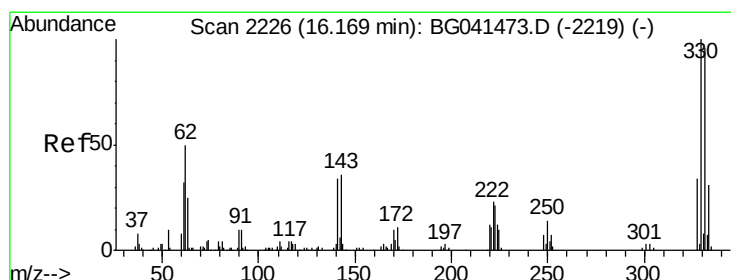
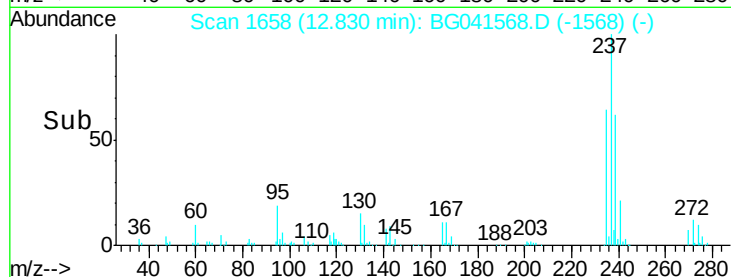
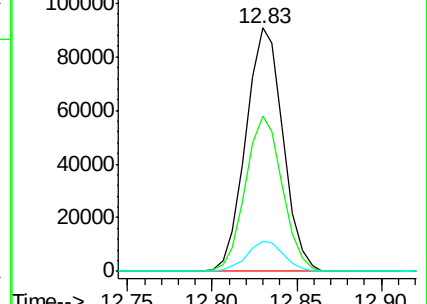
272 12.1 0.0 31.5



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: 154.818 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

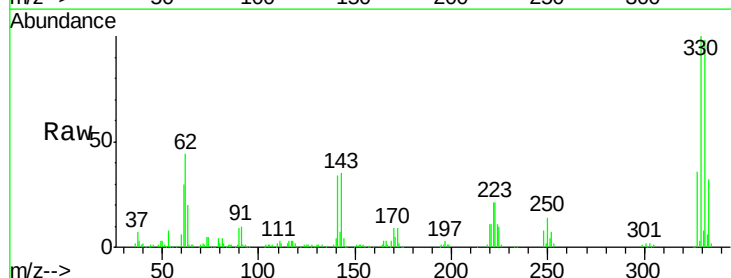
Tgt Ion: 330 Resp: 184096

Ion Ratio Lower Upper

330 100

332 97.4 75.5 113.3

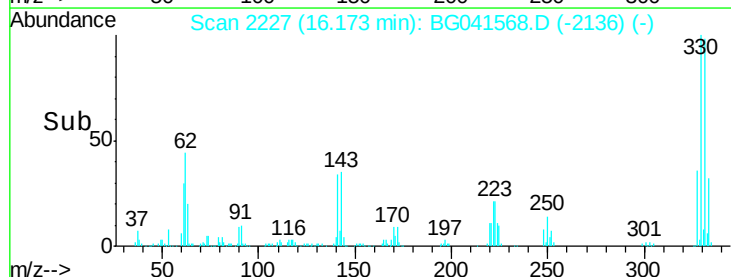
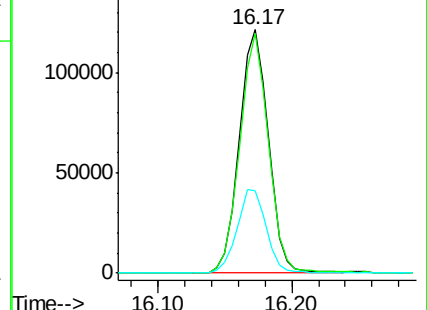
141 34.6 27.8 41.6

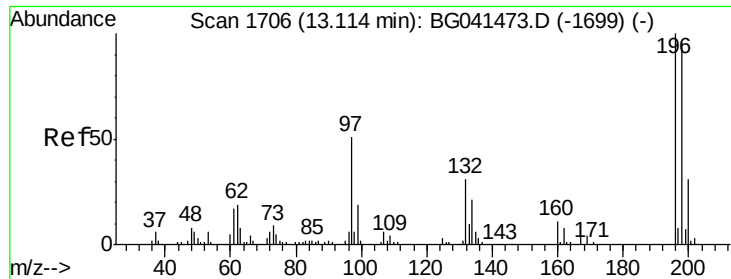


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

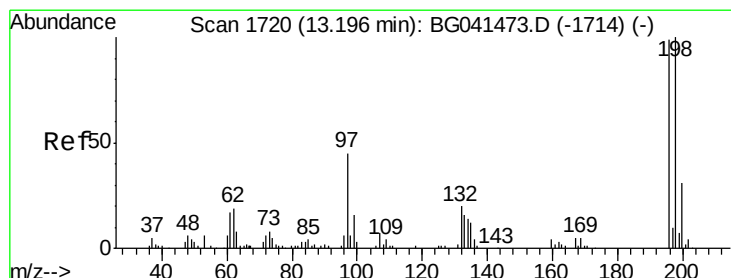
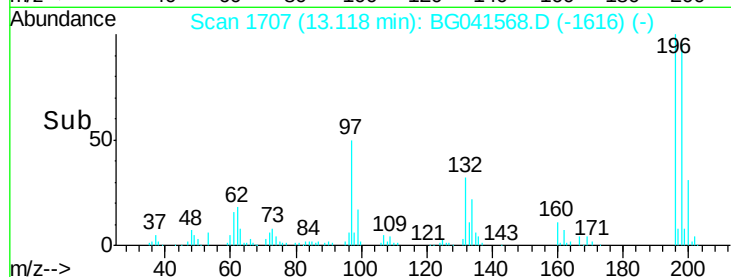
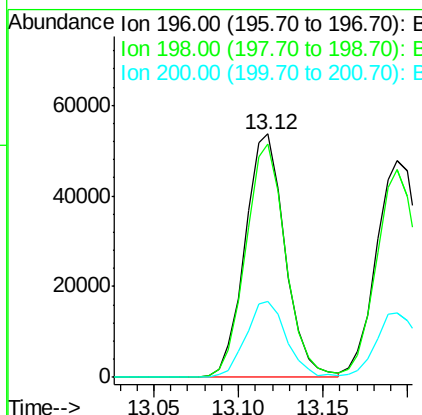
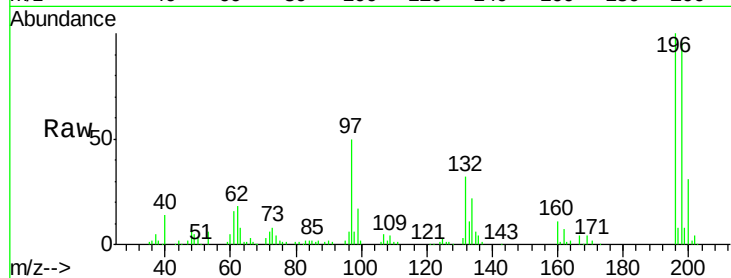




#43
 2,4,6-Trichlorophenol
 Concen: 48.638 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

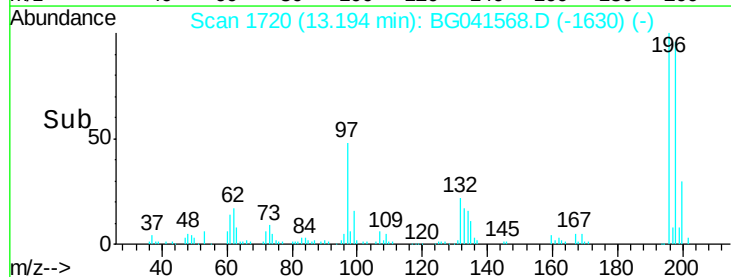
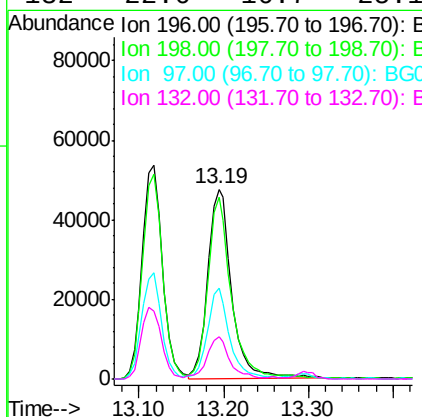
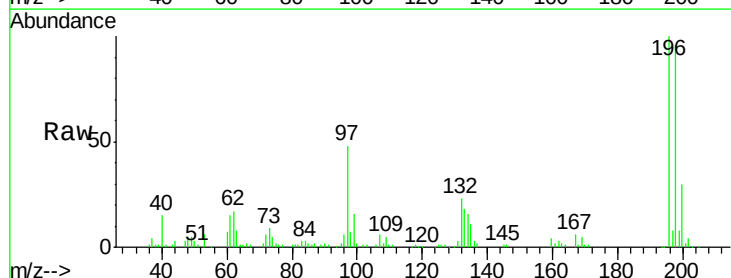
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

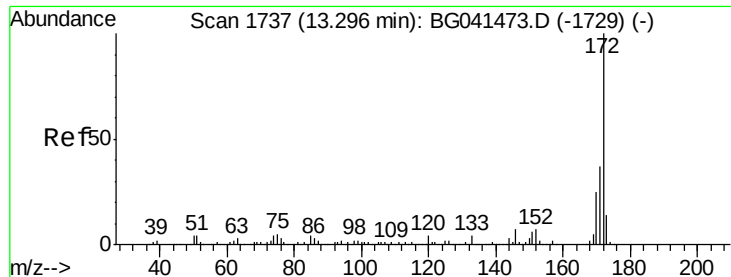
Tgt Ion:196 Resp: 88494
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.7 115.1
 200 31.0 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 52.243 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion:196 Resp: 94697
 Ion Ratio Lower Upper
 196 100
 198 95.8 80.5 120.7
 97 47.8 36.5 54.7
 132 22.6 16.7 25.1

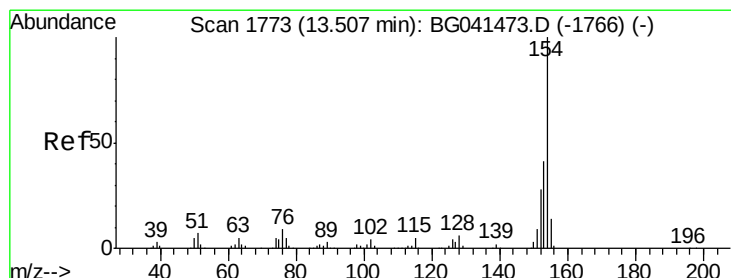
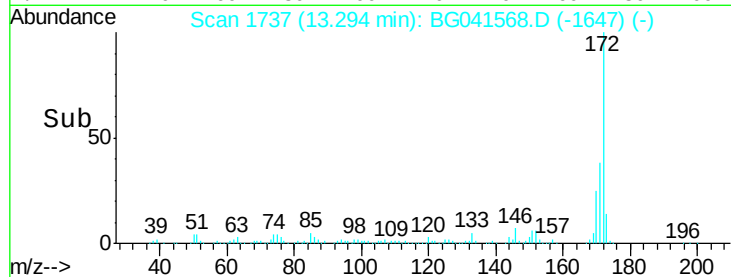
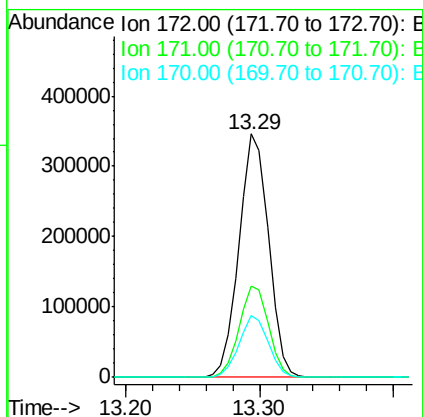
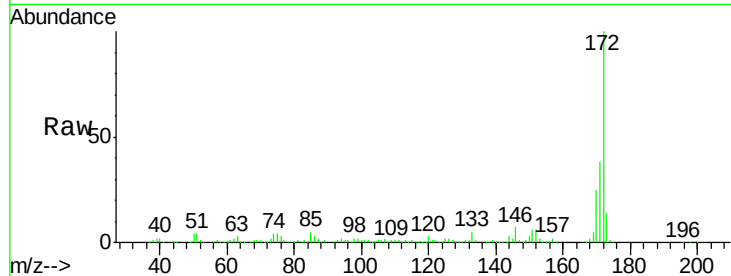




#45
2-Fluorobiphenyl
Concen: 97.493 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

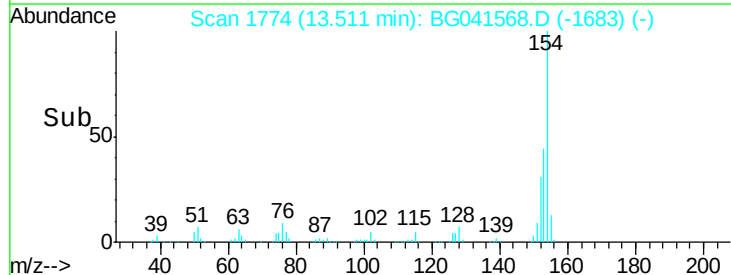
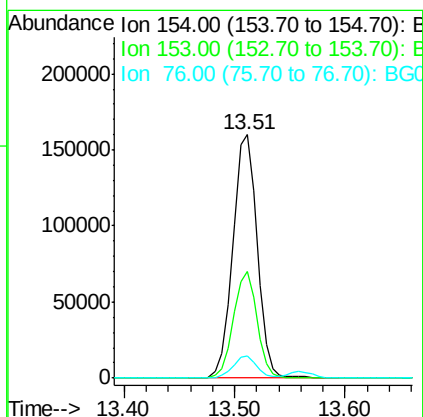
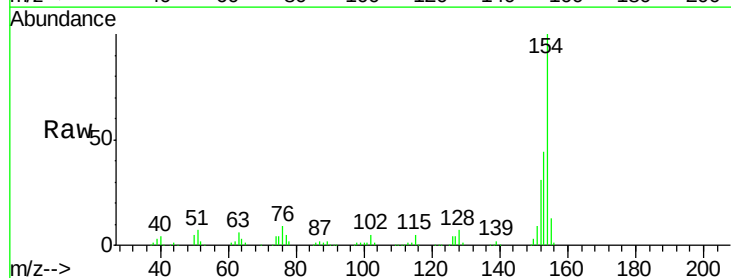
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

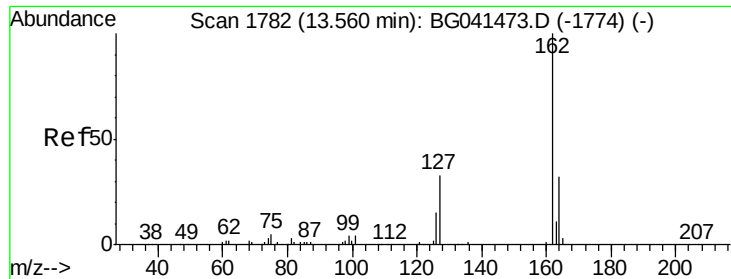
Tgt Ion:172 Resp: 529098
Ion Ratio Lower Upper
172 100
171 37.7 29.6 44.4
170 25.4 20.0 30.0



#46
1,1'-Biphenyl
Concen: 45.171 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:154 Resp: 248328
Ion Ratio Lower Upper
154 100
153 43.8 20.9 60.9
76 9.3 0.0 29.4

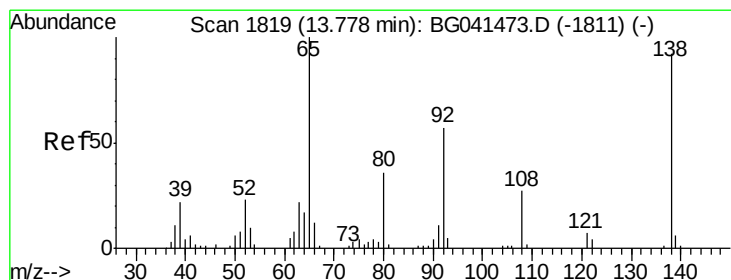
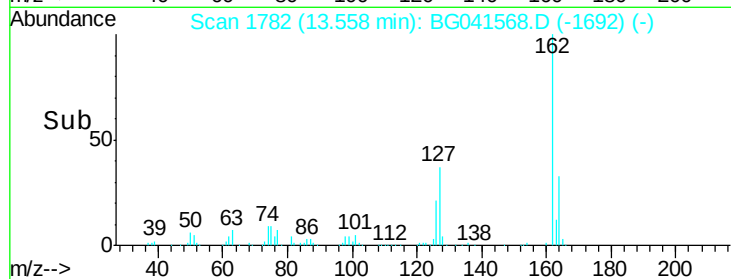
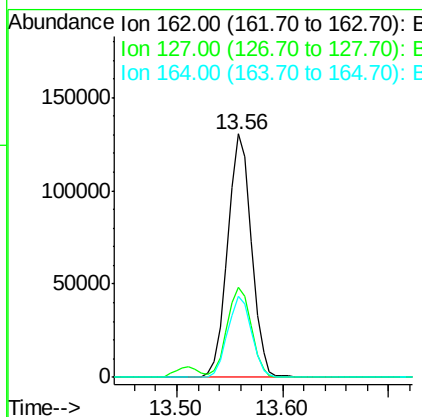
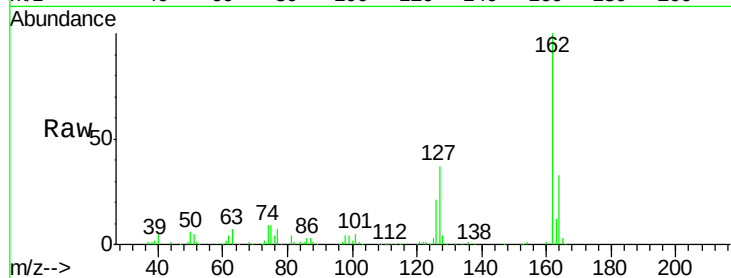




#47
 2-Chloronaphthalene
 Concen: 42.766 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

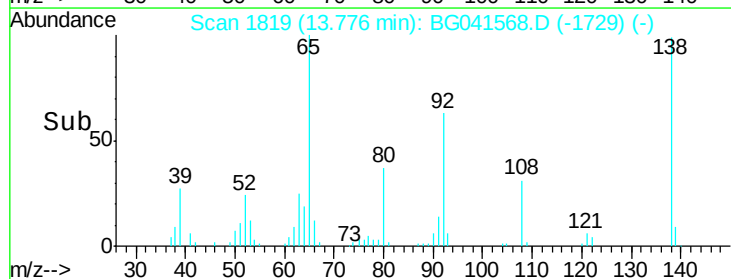
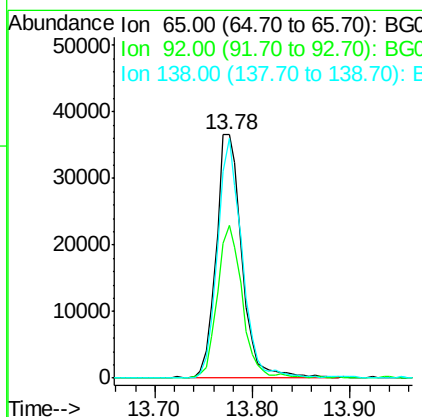
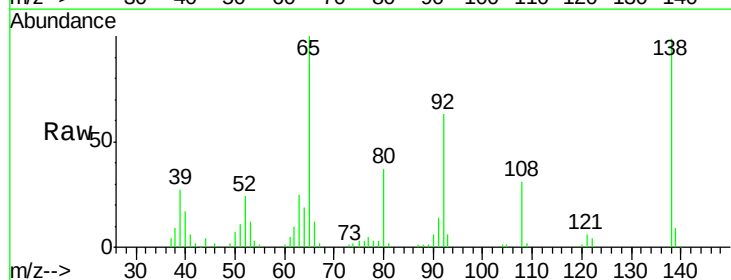
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

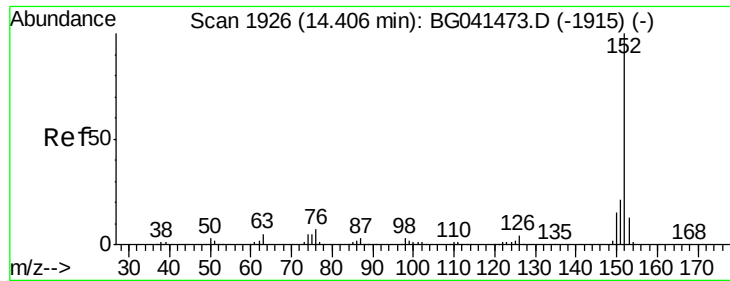
Tgt Ion: 162 Resp: 201849
 Ion Ratio Lower Upper
 162 100
 127 37.2 30.0 45.0
 164 33.2 25.8 38.6



#48
 2-Nitroaniline
 Concen: 41.871 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion: 65 Resp: 66992
 Ion Ratio Lower Upper
 65 100
 92 62.7 45.9 68.9
 138 98.7 73.4 110.2





#49

Acenaphthylene

Concen: 45.232 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

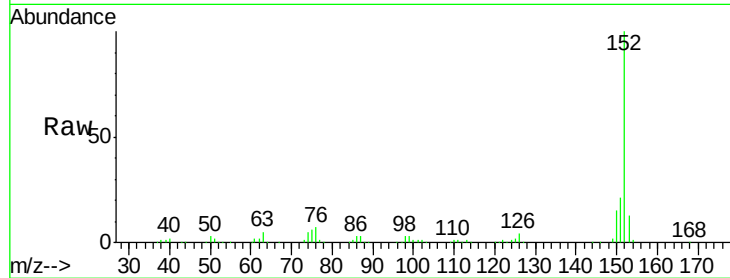
Tgt Ion:152 Resp: 319099

Ion Ratio Lower Upper

152 100

151 21.5 16.7 25.1

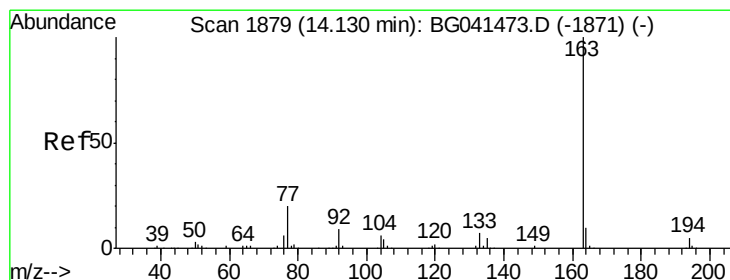
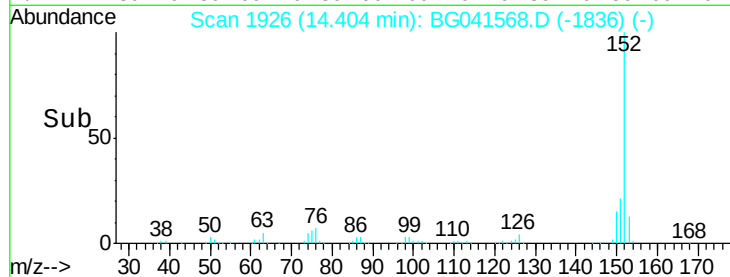
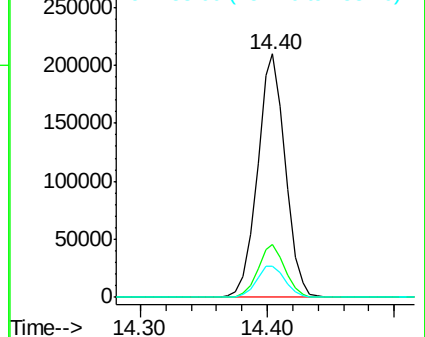
153 12.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.939 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

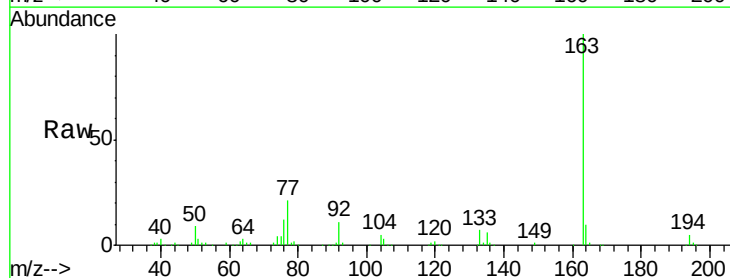
Tgt Ion:163 Resp: 291146

Ion Ratio Lower Upper

163 100

194 5.1 3.7 5.5

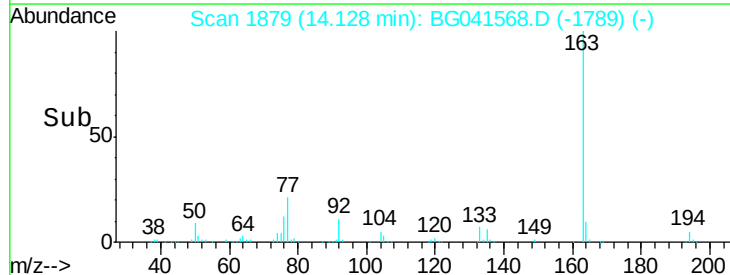
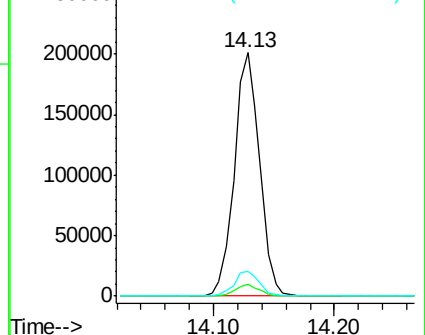
164 10.1 7.8 11.6

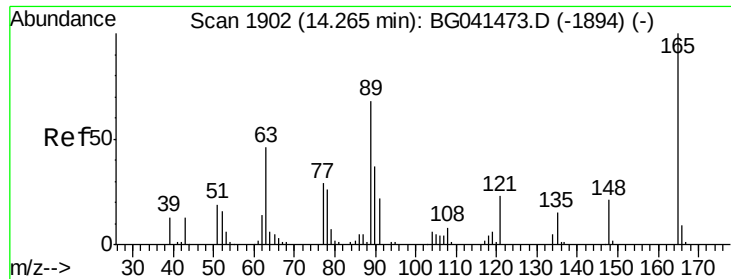


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

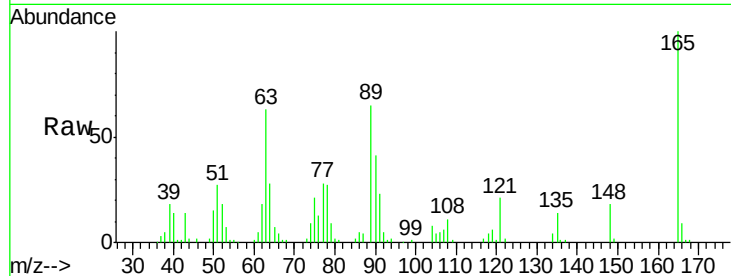




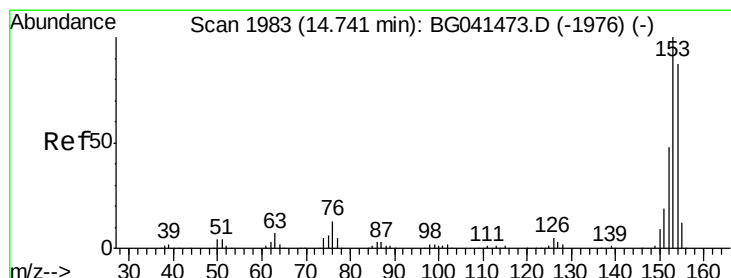
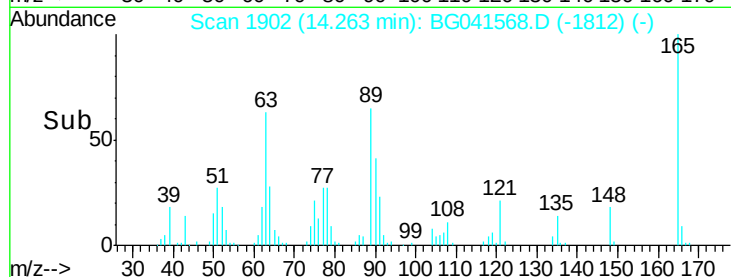
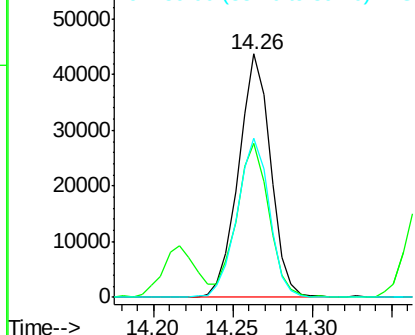
#51
 2,6-Dinitrotoluene
 Concen: 45.564 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tgt Ion:165 Resp: 61281
 Ion Ratio Lower Upper
 165 100
 63 63.1 56.4 84.6
 89 65.4 54.6 81.8

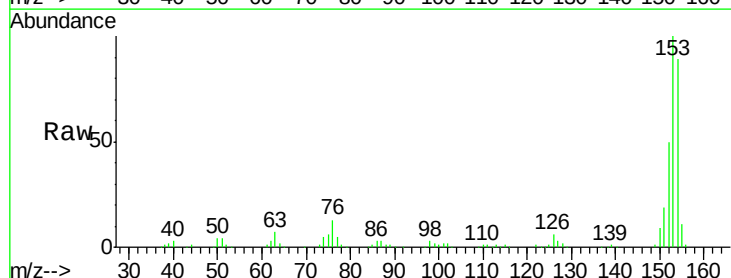


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

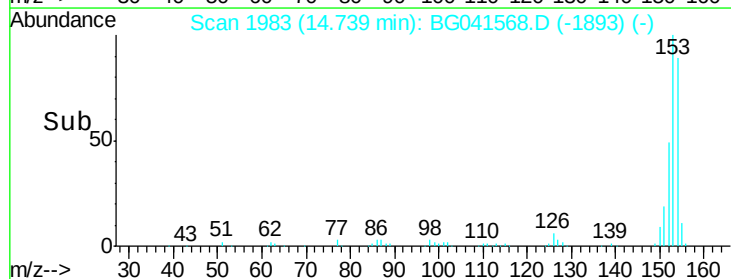
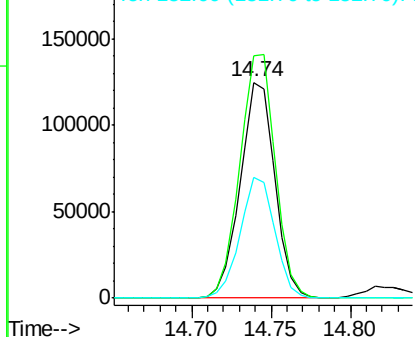


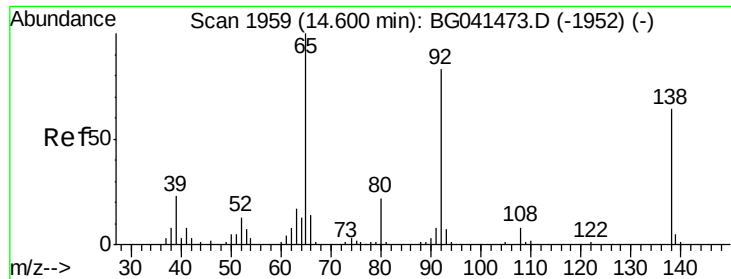
#52
 Acenaphthene
 Concen: 45.163 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion:154 Resp: 188938
 Ion Ratio Lower Upper
 154 100
 153 112.3 92.2 138.4
 152 55.8 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

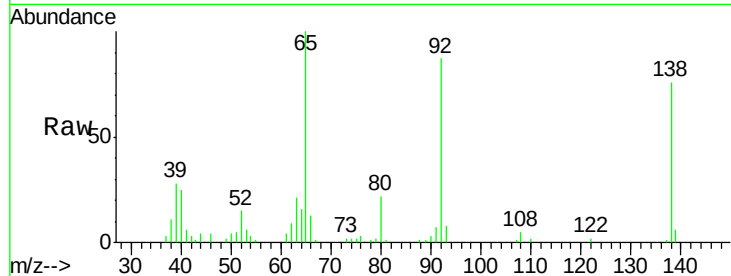




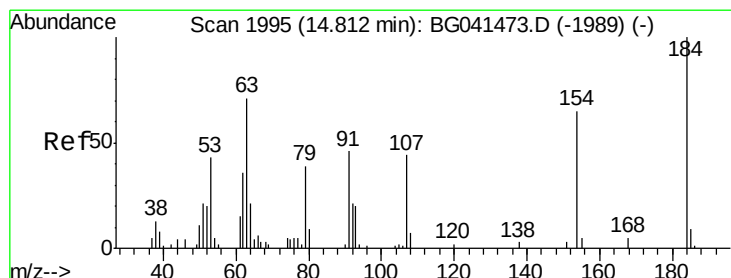
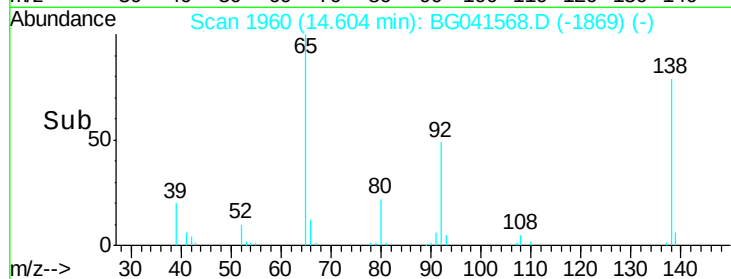
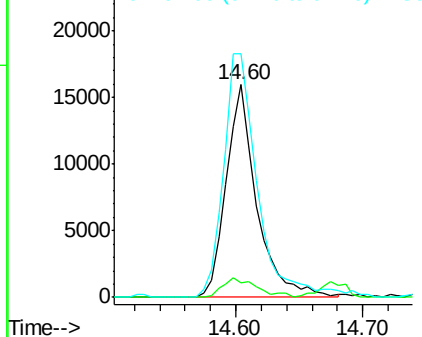
#53
3-Nitroaniline
Concen: 20.688 ng
RT: 14.60 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tgt Ion:138 Resp: 26563
Ion Ratio Lower Upper
138 100
108 6.9 9.5 14.3#
92 114.4 103.3 154.9

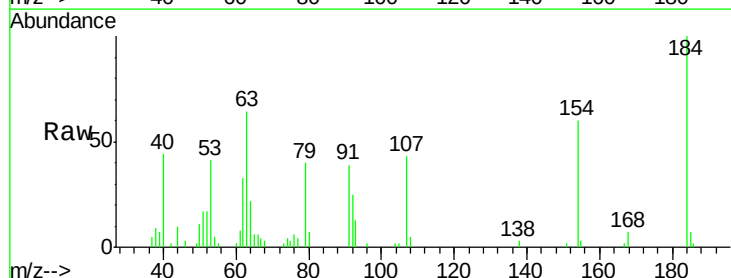


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

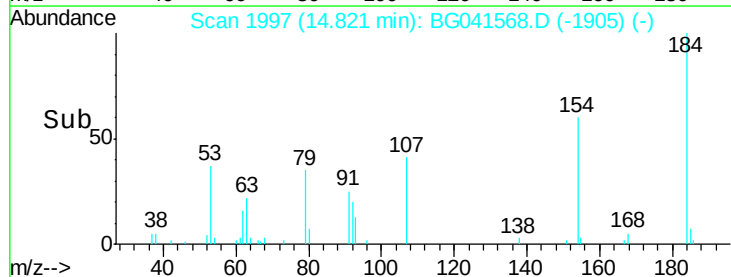
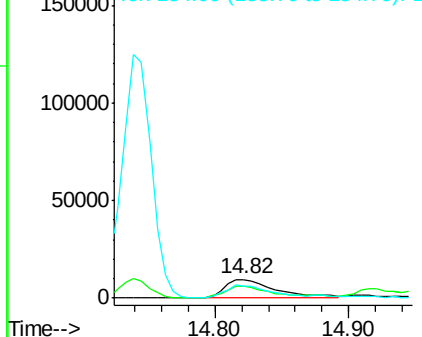


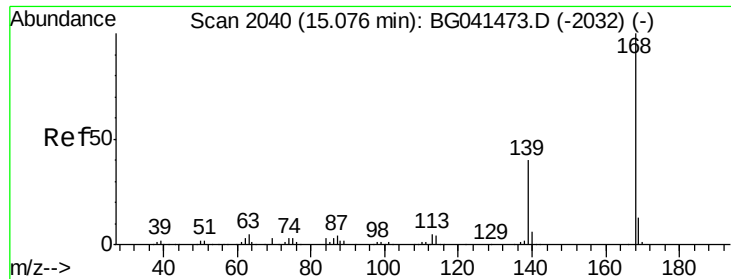
#54
2,4-Dinitrophenol
Concen: 33.330 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:184 Resp: 25118
Ion Ratio Lower Upper
184 100
63 64.2 56.5 84.7
154 60.2 54.2 81.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

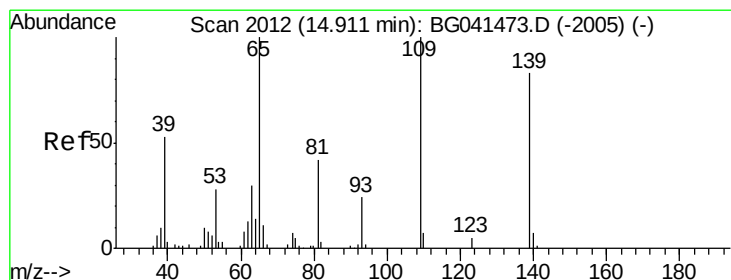
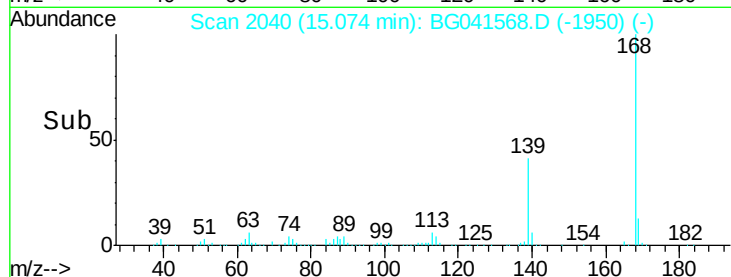
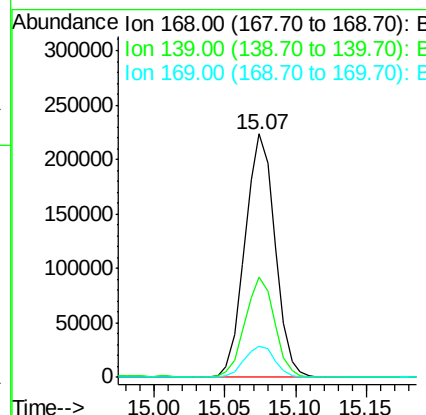
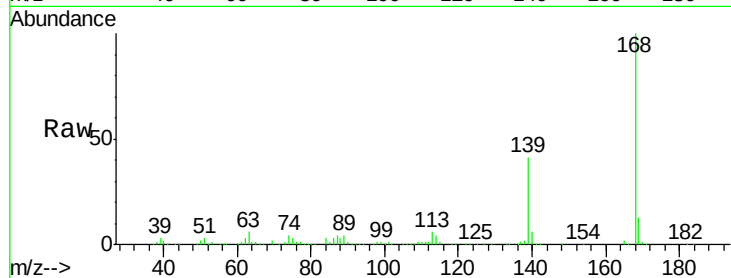




#55
Dibenzenofuran
Concen: 45.852 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

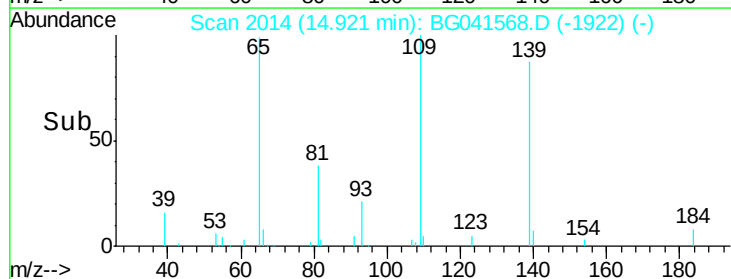
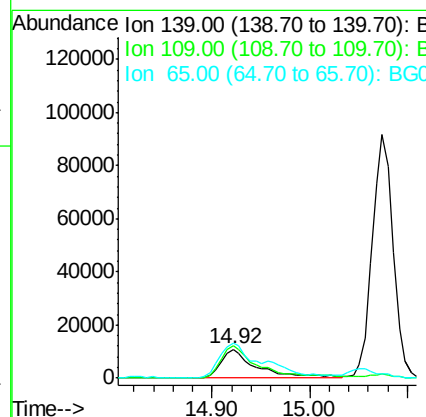
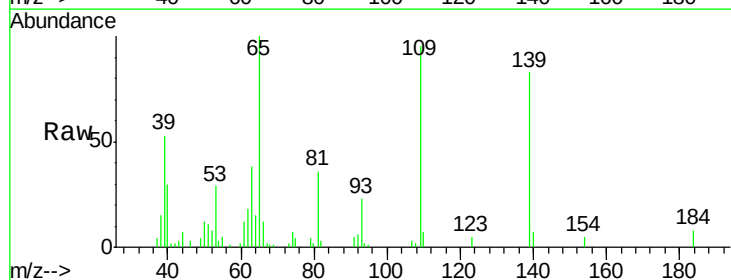
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

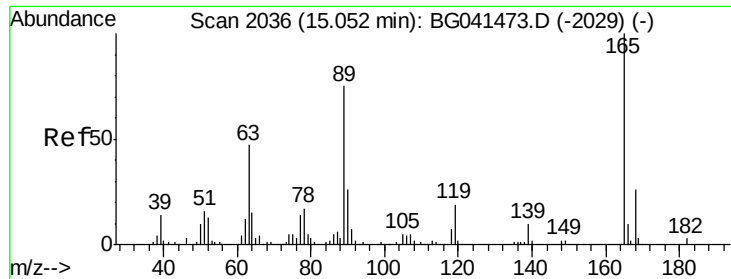
Tgt Ion:168 Resp: 333939
Ion Ratio Lower Upper
168 100
139 41.0 32.2 48.4
169 12.9 10.6 16.0



#56
4-Nitrophenol
Concen: 33.648 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:139 Resp: 27881
Ion Ratio Lower Upper
139 100
109 114.6 99.9 139.9
65 120.5 100.6 140.6





#57

2,4-Dinitrotoluene

Concen: 44.713 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

Tgt Ion:165 Resp: 87242

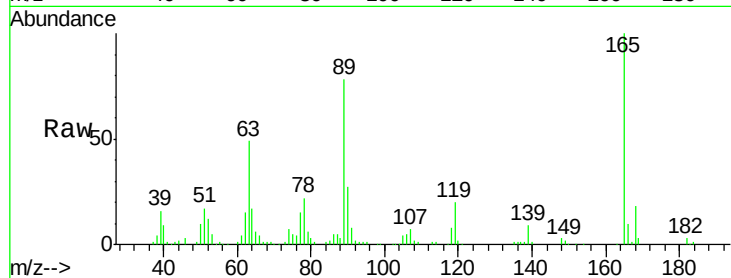
Ion Ratio Lower Upper

165 100

63 48.5 38.8 58.2

89 78.1 60.1 90.1

182 2.8 2.2 3.2

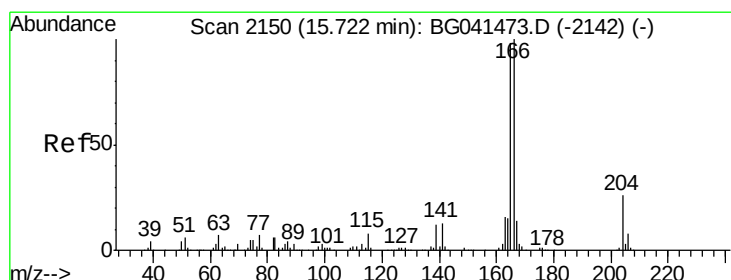
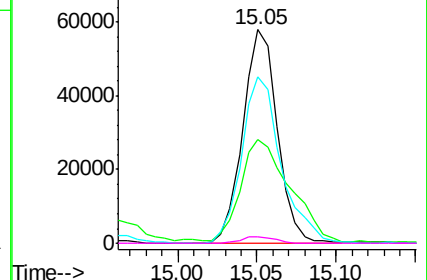
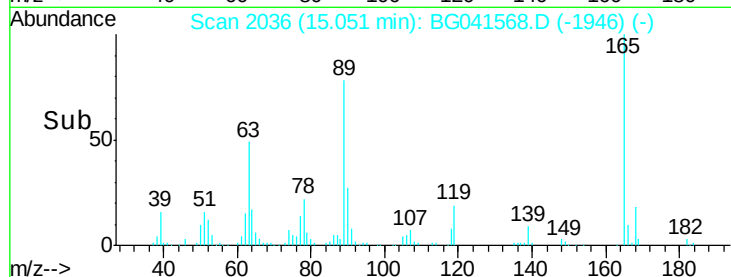


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.873 ng

RT: 15.73 min Scan# 2151

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

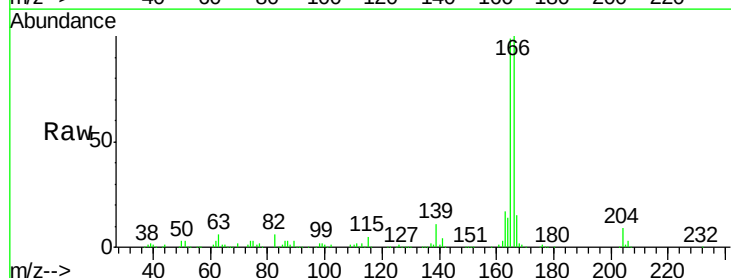
Tgt Ion:166 Resp: 265787

Ion Ratio Lower Upper

166 100

165 99.4 78.6 117.8

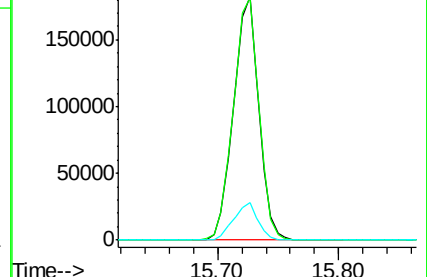
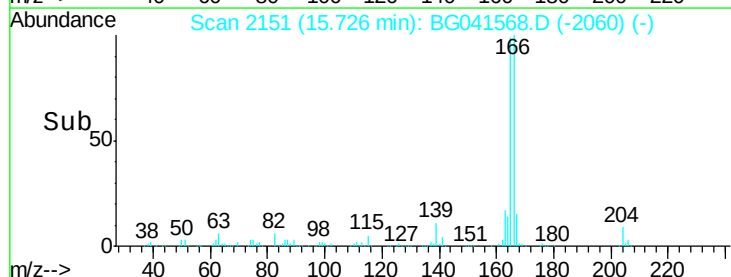
167 15.5 11.4 17.0

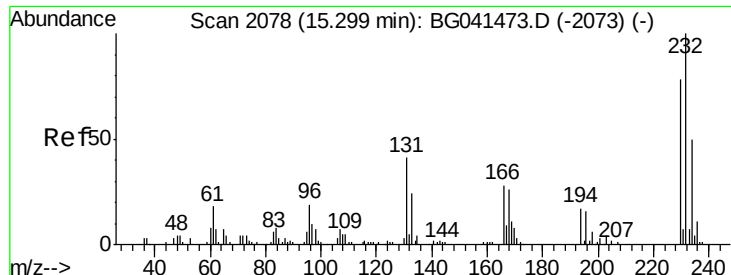


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

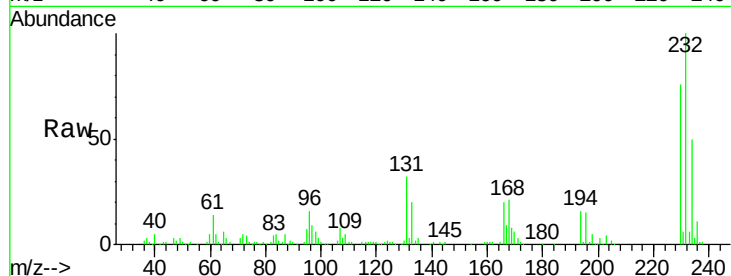




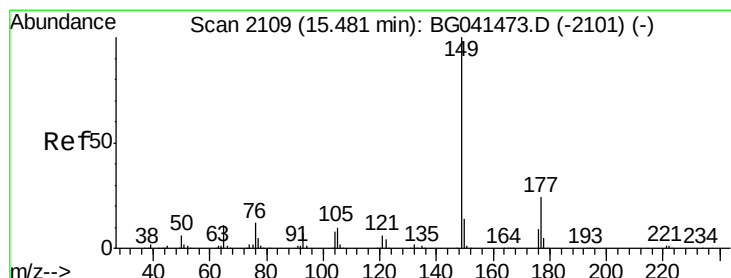
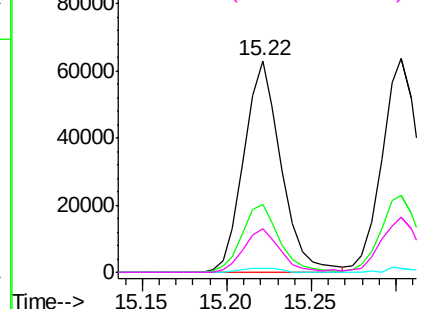
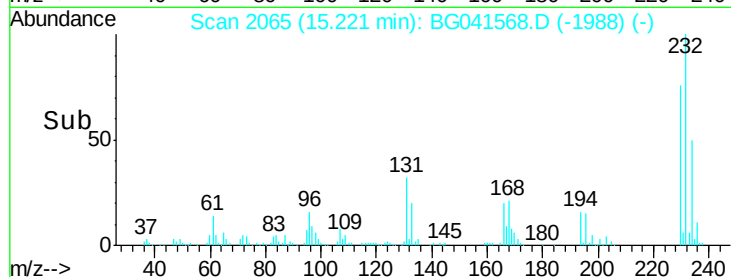
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.604 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.08 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tgt Ion:	232	Resp:	96699
Ion	Ratio	Lower	Upper
232	100		
131	32.3	29.8	44.6
130	2.1	2.0	3.0
166	20.4	20.2	30.2

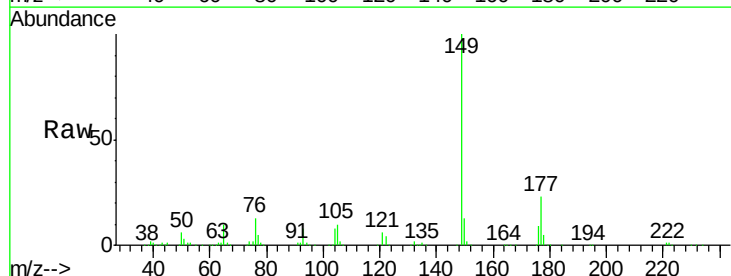


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

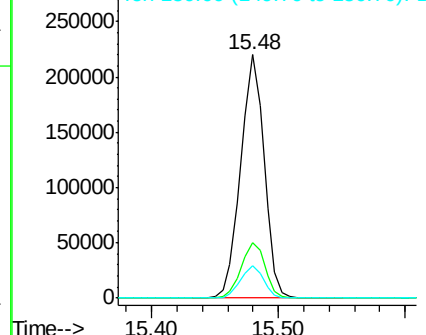
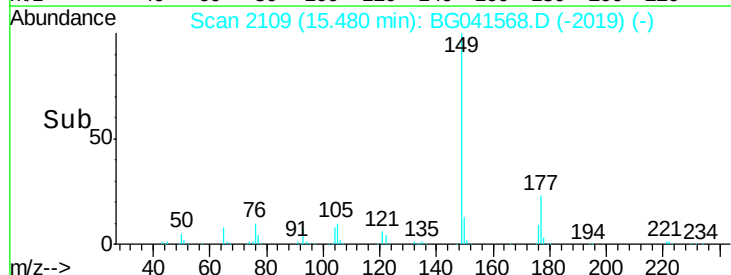


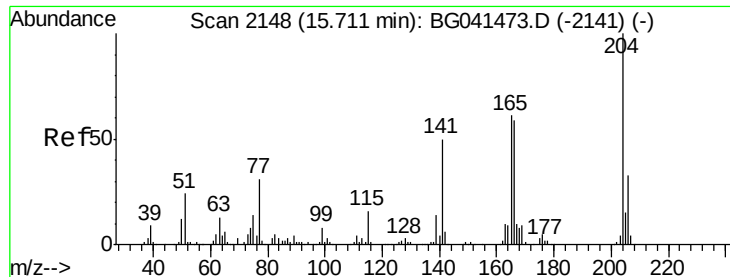
#60
 Diethylphthalate
 Concen: 43.316 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion:	149	Resp:	281001
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.2	28.8
150	13.3	11.2	16.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

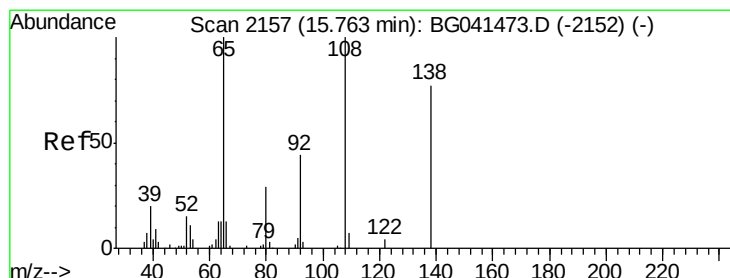
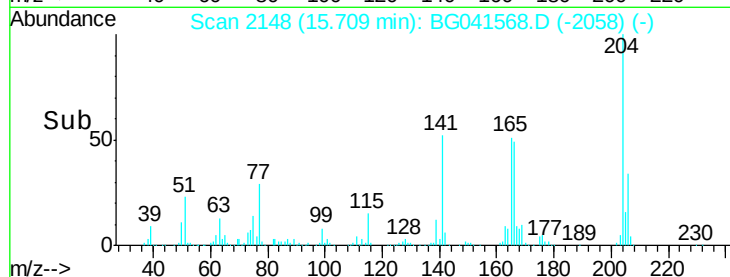
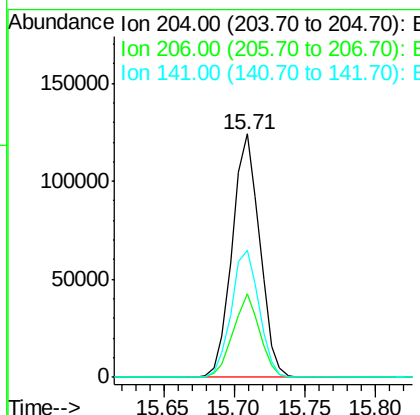
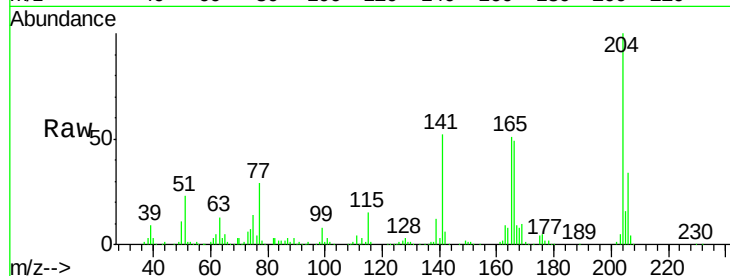




#61
4-Chlorophenyl-phenylether
Concen: 45.162 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

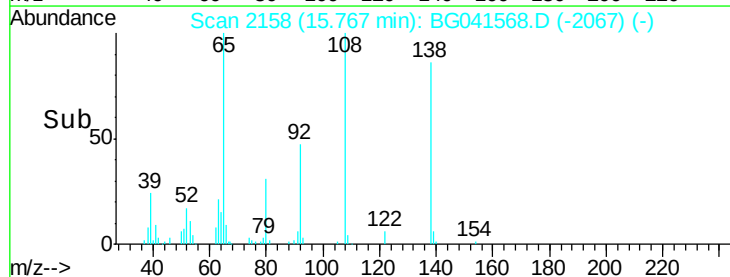
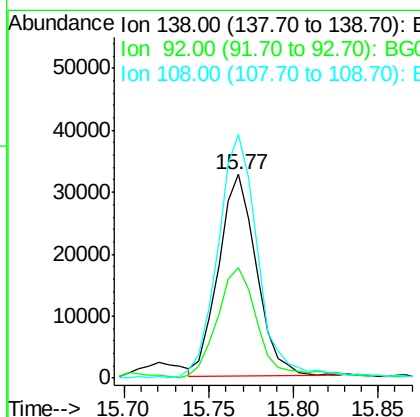
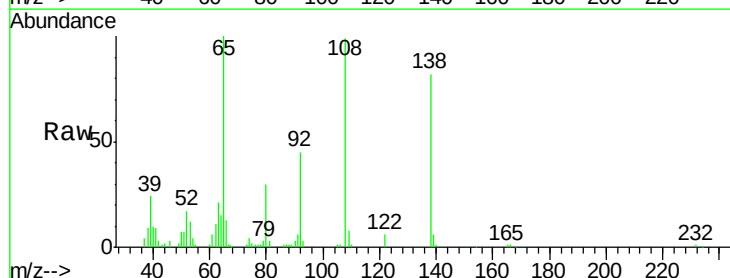
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

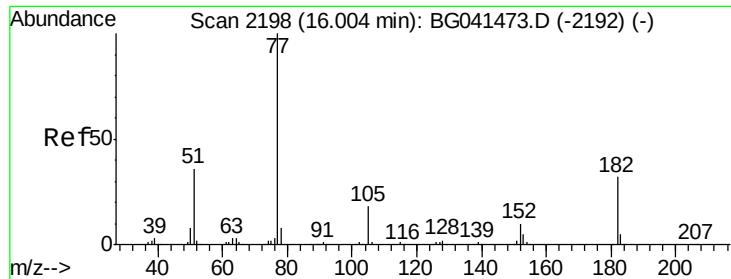
Tgt Ion:204 Resp: 168779
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 52.3 40.1 60.1



#62
4-Nitroaniline
Concen: 40.719 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:138 Resp: 50953
Ion Ratio Lower Upper
138 100
92 54.6 34.9 74.9
108 119.6 105.5 145.5

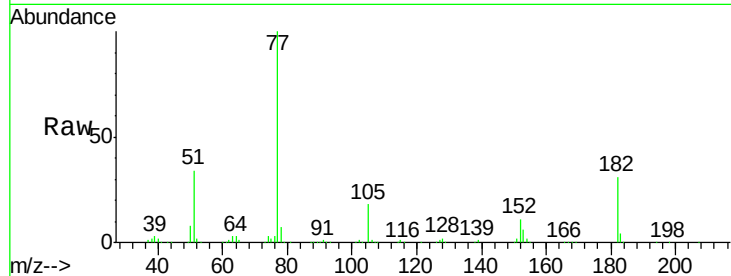




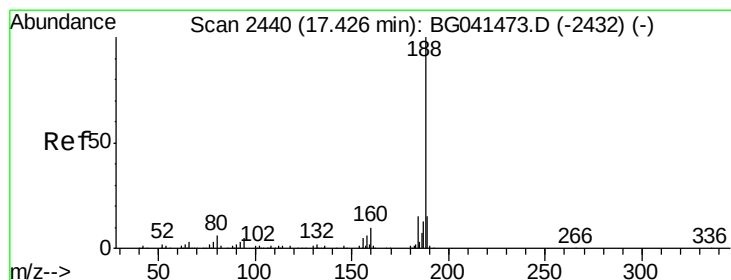
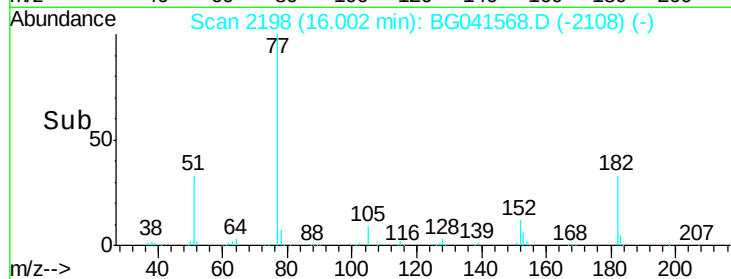
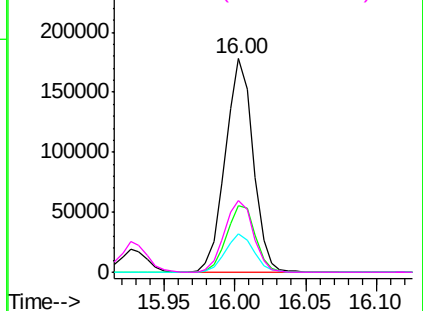
#63
Azobenzene
Concen: 44.470 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tgt Ion:	77	Resp:	243231
Ion	Ratio	Lower	Upper
77	100		
182	31.3	12.2	52.2
105	18.1	0.0	38.1
51	33.7	15.9	55.9

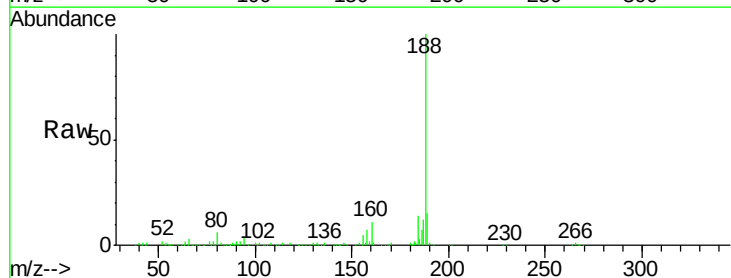


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

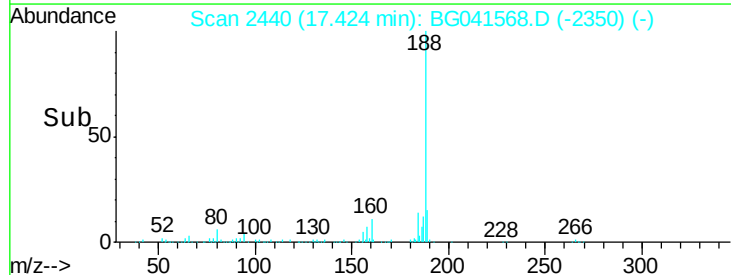
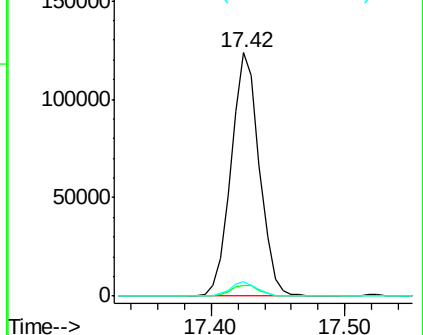


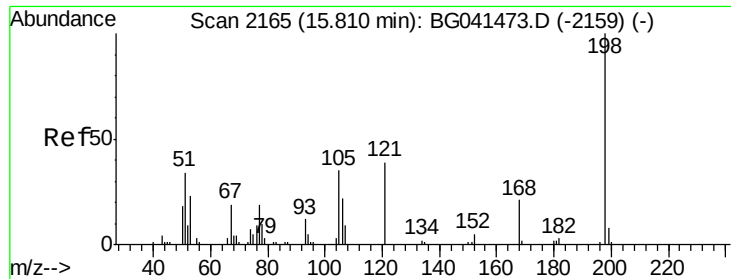
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:	188	Resp:	182838
Ion	Ratio	Lower	Upper
188	100		
94	4.4	3.8	5.8
80	5.7	4.8	7.2



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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.789 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

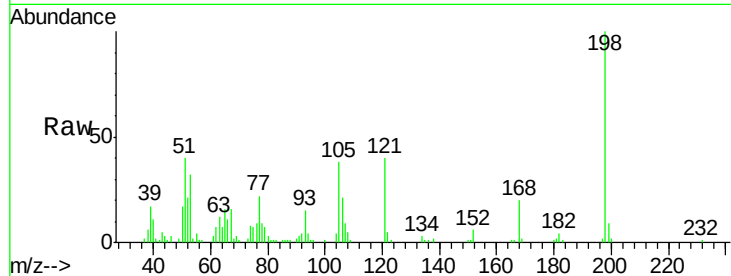
Tgt Ion:198 Resp: 48453

Ion Ratio Lower Upper

198 100

51 40.4 19.0 59.0

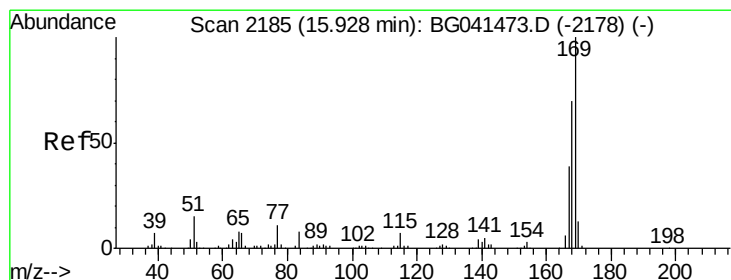
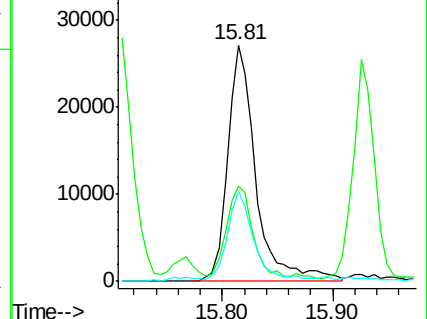
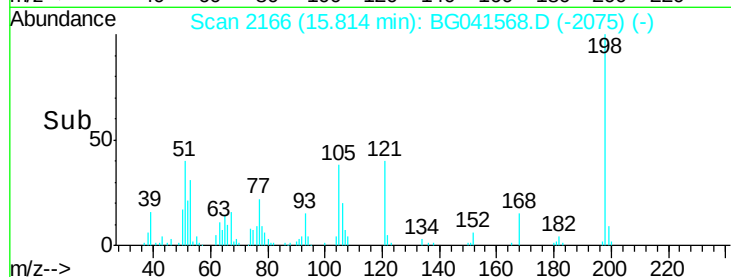
105 37.9 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041568.D (-2075) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.009 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

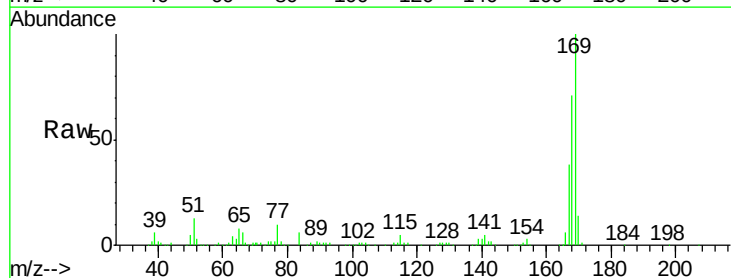
Tgt Ion:169 Resp: 236555

Ion Ratio Lower Upper

169 100

168 70.6 56.2 84.4

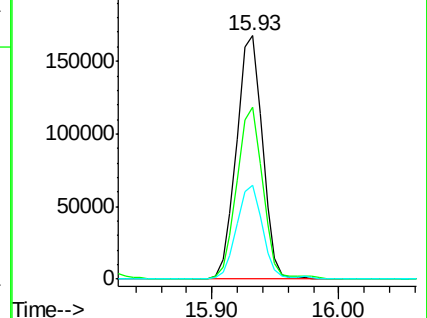
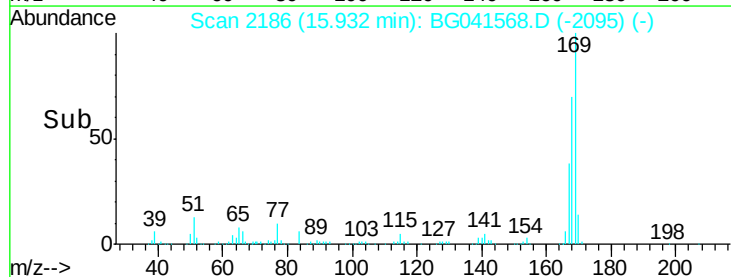
167 38.3 31.0 46.6

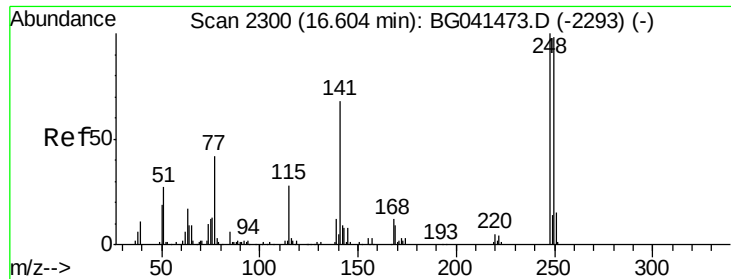


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

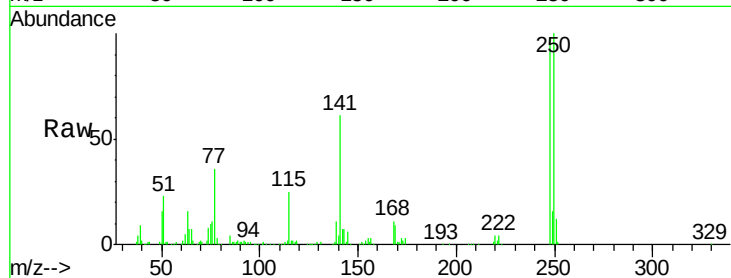




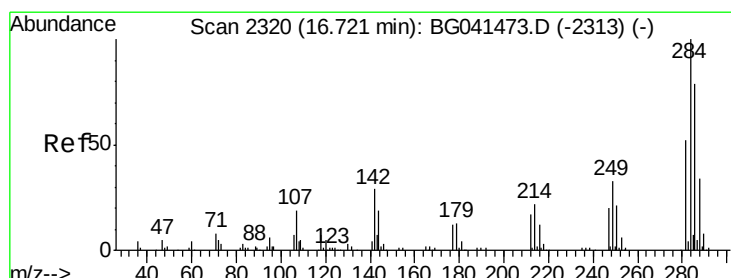
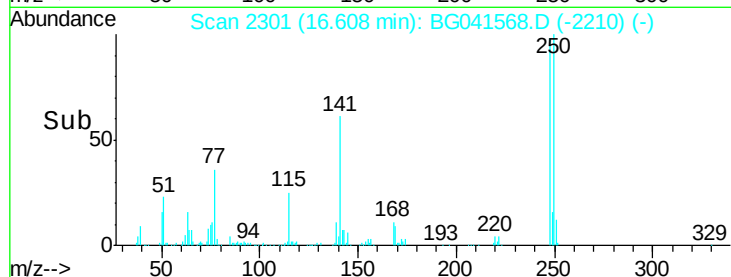
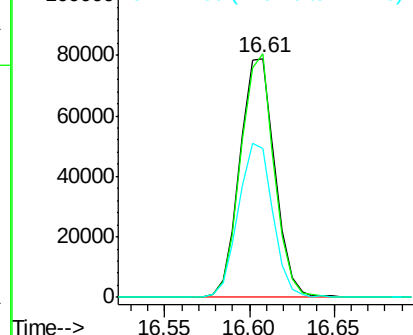
#67
4-Bromophenyl-phenylether
Concen: 45.516 ng
RT: 16.61 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tgt Ion:248 Resp: 113724
Ion Ratio Lower Upper
248 100
250 102.0 78.1 117.1
141 62.3 54.1 81.1

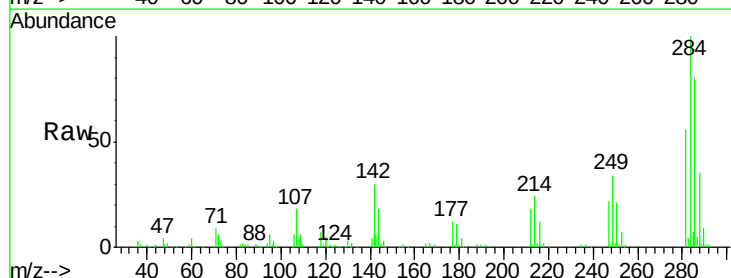


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

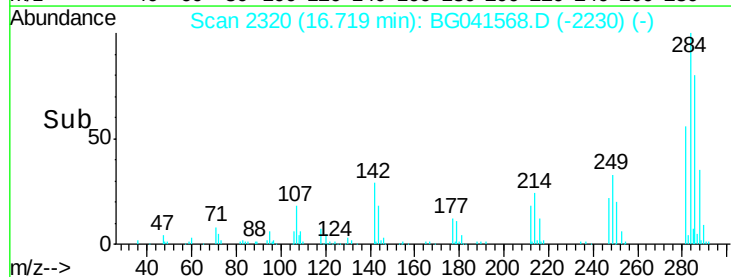
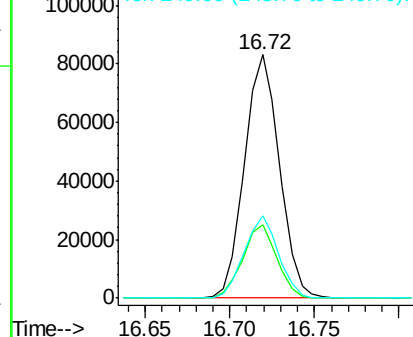


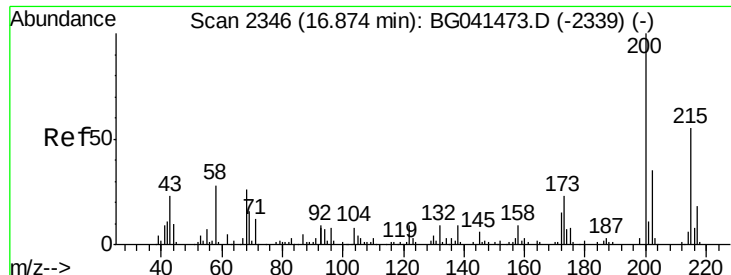
#68
Hexachlorobenzene
Concen: 44.412 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:284 Resp: 119559
Ion Ratio Lower Upper
284 100
142 29.9 22.9 34.3
249 33.7 26.1 39.1



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

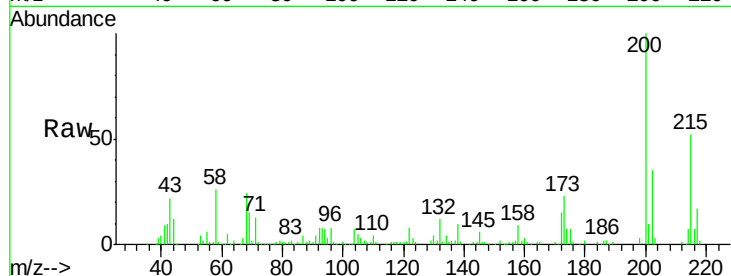




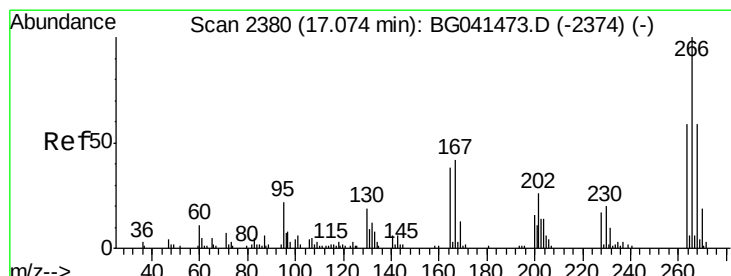
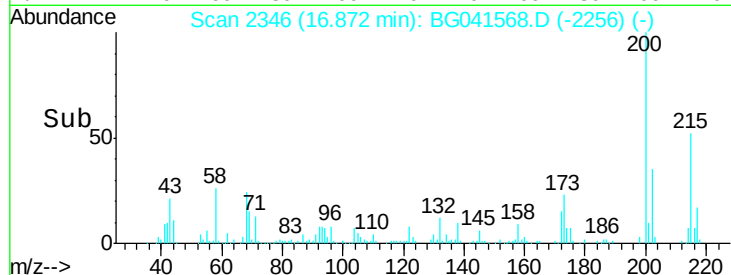
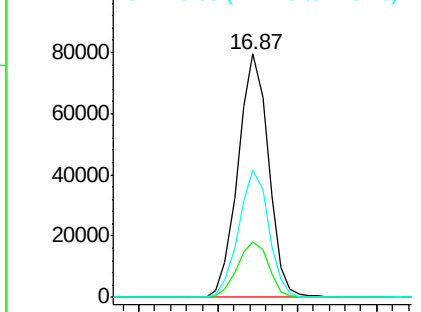
#69
 Atrazine
 Concen: 49.894 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.0	3.1	43.1
215	52.2	34.7	74.7

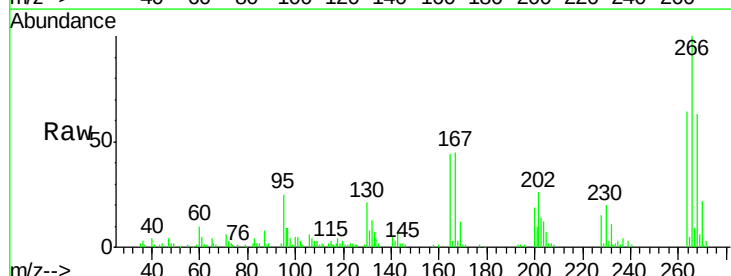


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

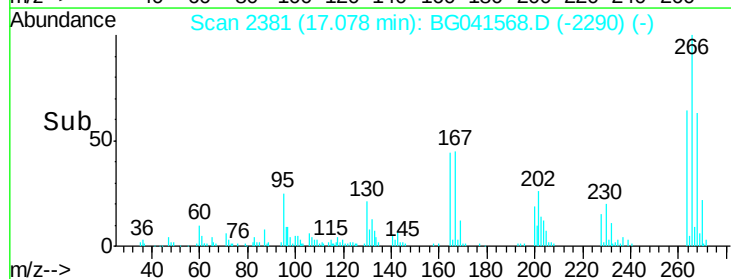
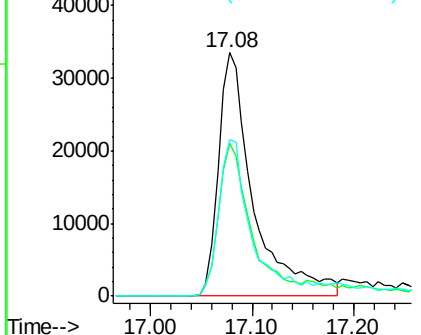


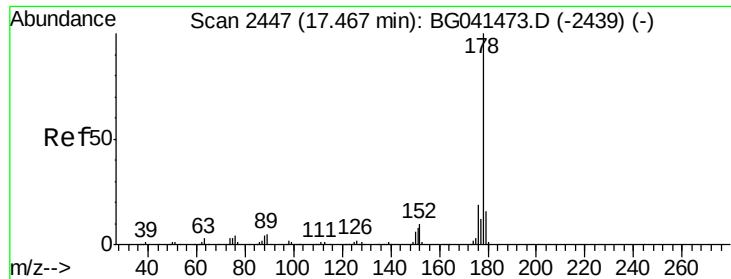
#70
 Pentachlorophenol
 Concen: 65.735 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	47.0	70.4
264	64.4	47.4	71.0



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

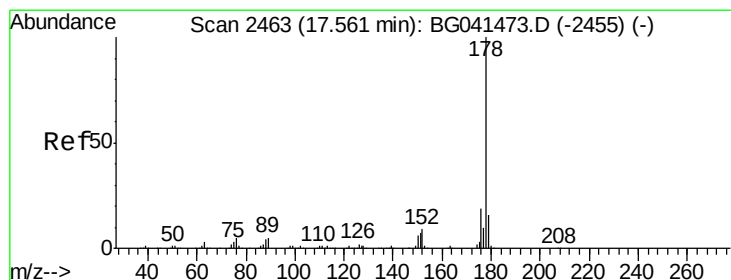
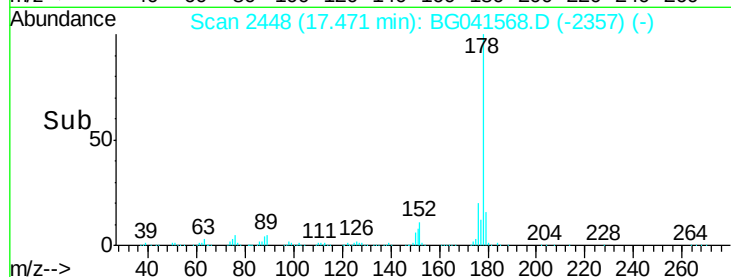
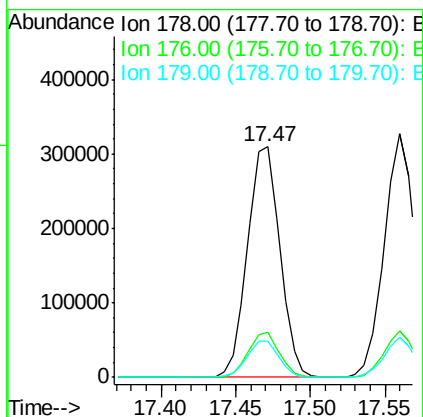
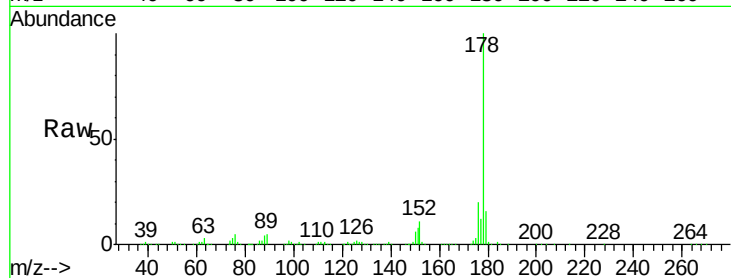




#71
Phenanthrene
Concen: 46.191 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

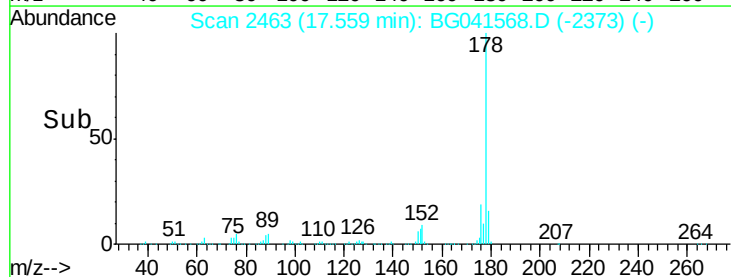
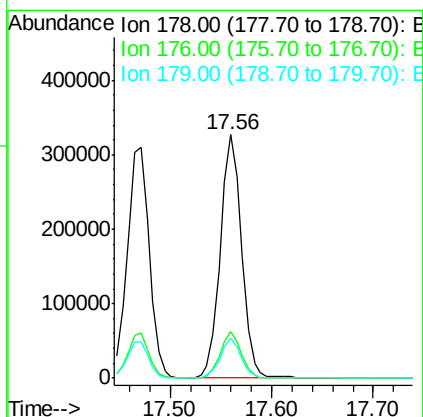
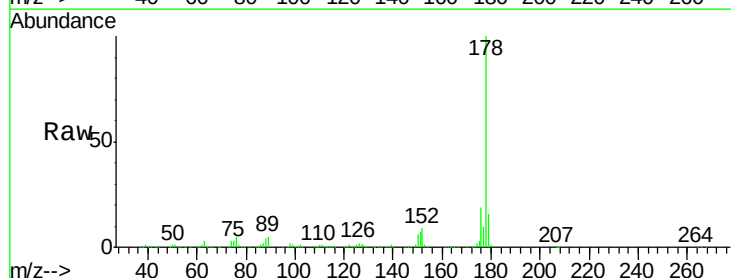
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

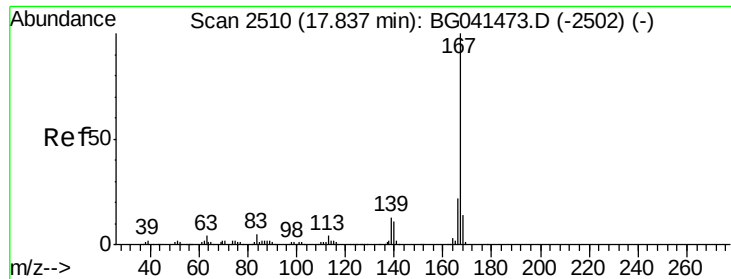
Tgt Ion:178 Resp: 465313
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.8 13.0 19.4



#72
Anthracene
Concen: 47.182 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:178 Resp: 475566
Ion Ratio Lower Upper
178 100
176 19.3 14.8 22.2
179 16.2 12.8 19.2

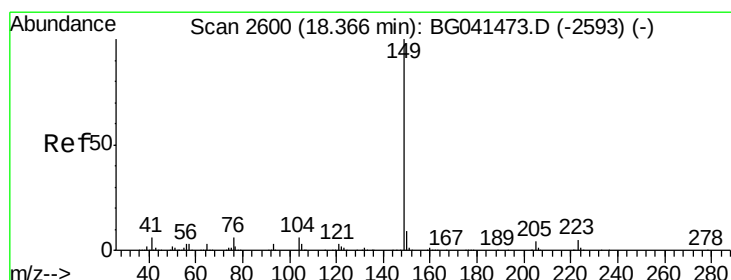
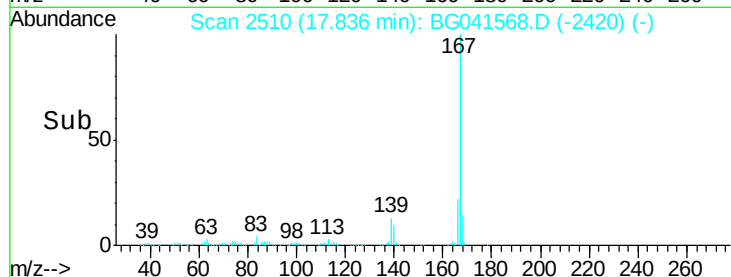
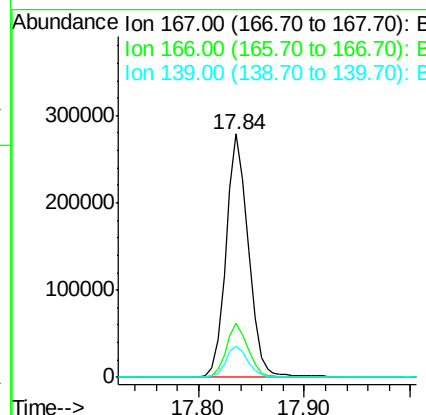
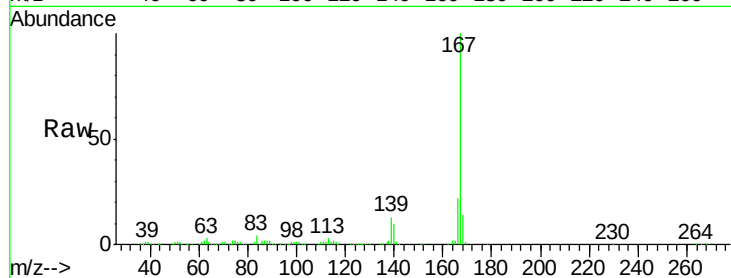




#73
 Carbazole
 Concen: 47.910 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

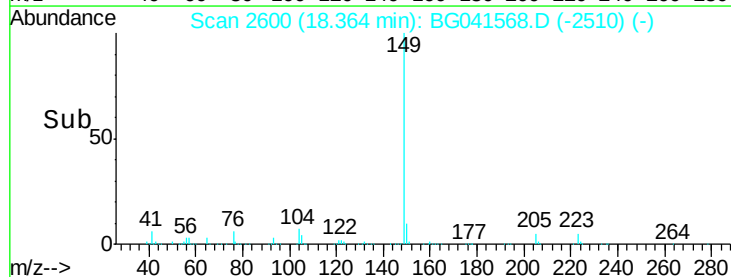
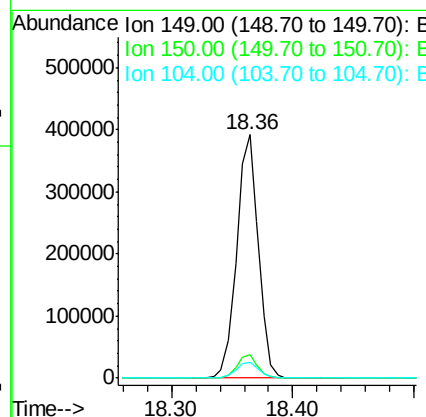
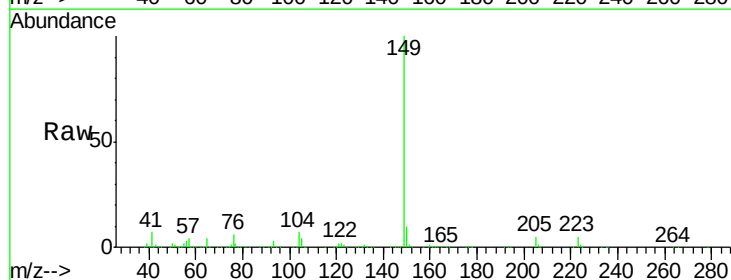
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MSD

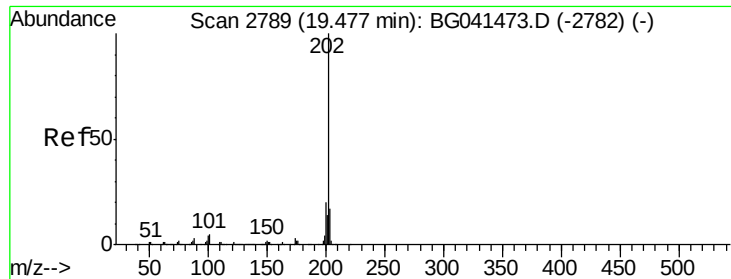
Tgt Ion:167 Resp: 410516
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 12.9 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 45.108 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: BG041568.D
 Acq: 2 Jul 2019 12:06

Tgt Ion:149 Resp: 485779
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 6.7 5.0 7.6





#75

Fluoranthene

Concen: 47.301 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

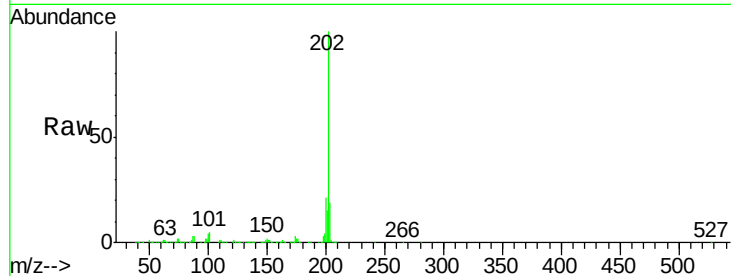
Tgt Ion:202 Resp: 635288

Ion Ratio Lower Upper

202 100

101 4.7 0.0 24.9

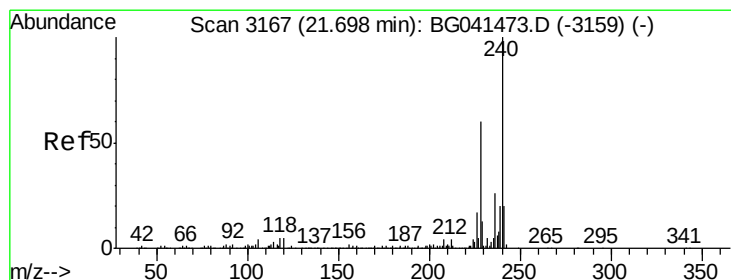
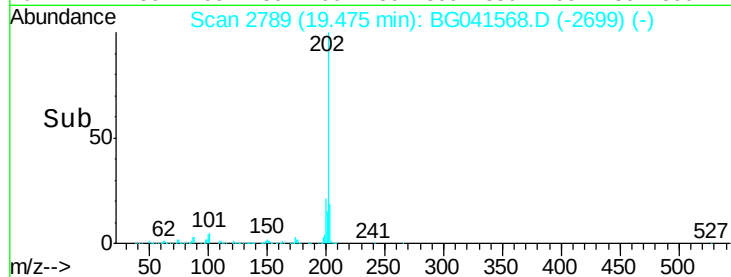
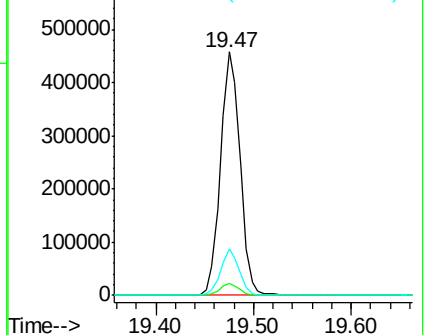
203 18.9 0.0 37.5



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. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

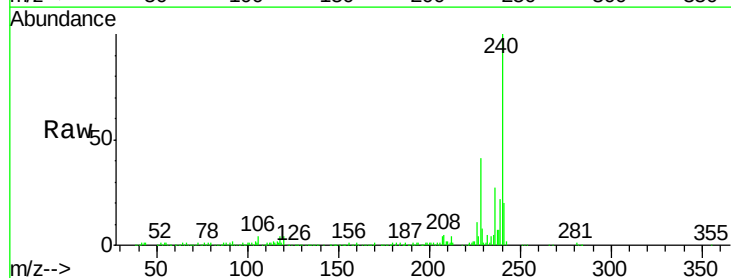
Tgt Ion:240 Resp: 208208

Ion Ratio Lower Upper

240 100

120 3.7 3.7 5.5#

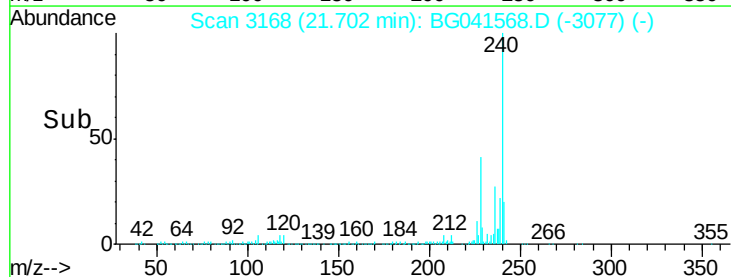
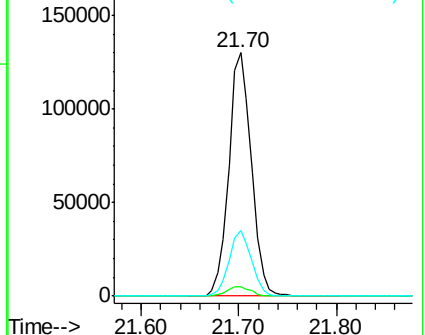
236 26.9 20.8 31.2

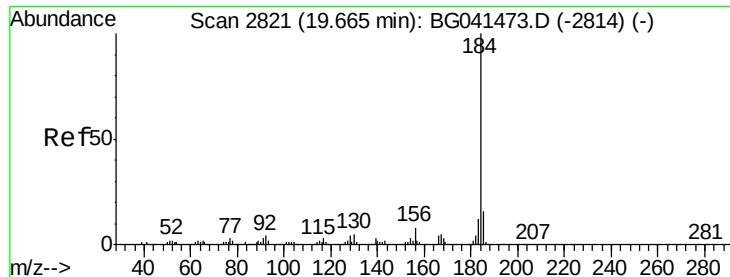


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.112 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

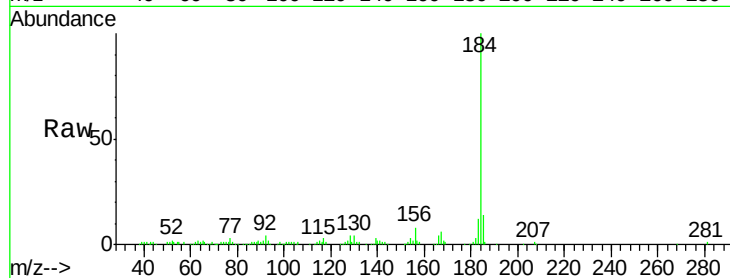
Tgt Ion:184 Resp: 152968

Ion Ratio Lower Upper

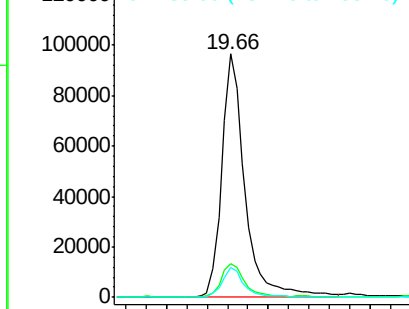
184 100

185 14.0 12.7 19.1

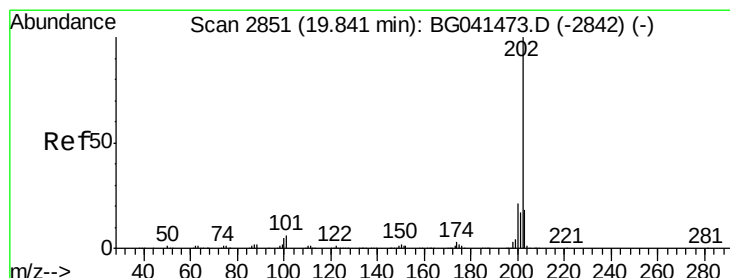
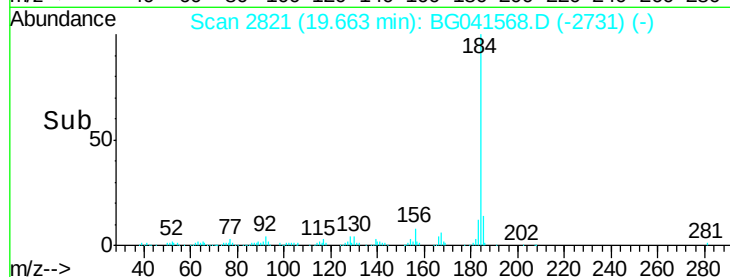
183 12.5 9.4 14.2



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



Time-->



#78

Pyrene

Concen: 45.705 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

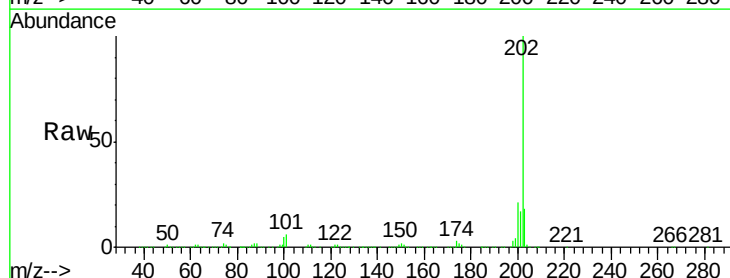
Tgt Ion:202 Resp: 649634

Ion Ratio Lower Upper

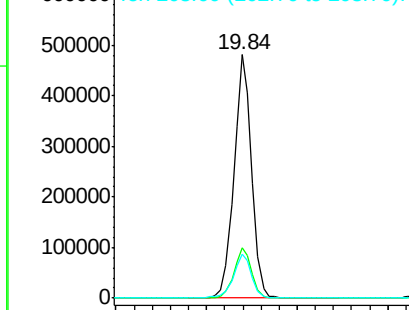
202 100

200 20.8 16.8 25.2

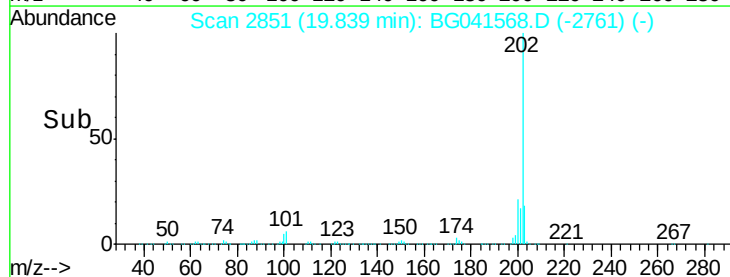
203 18.1 14.2 21.4

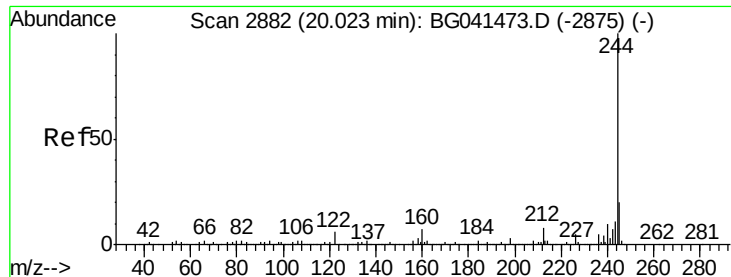


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 104.753 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

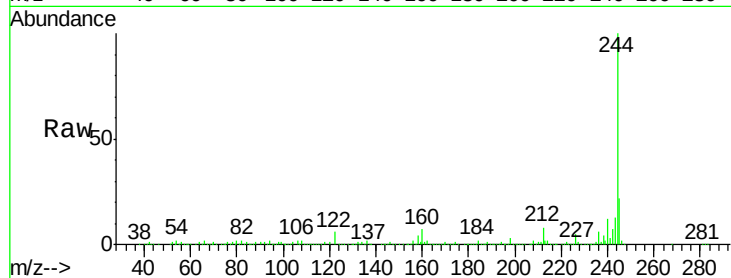
Tgt Ion:244 Resp: 1026333

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

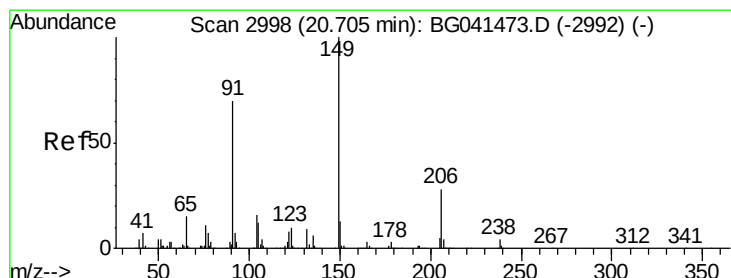
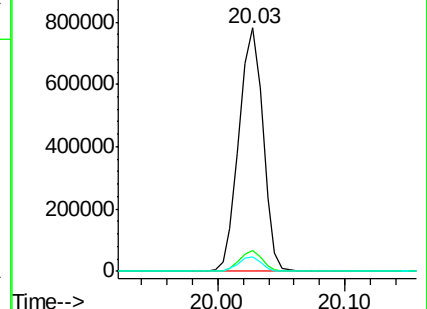
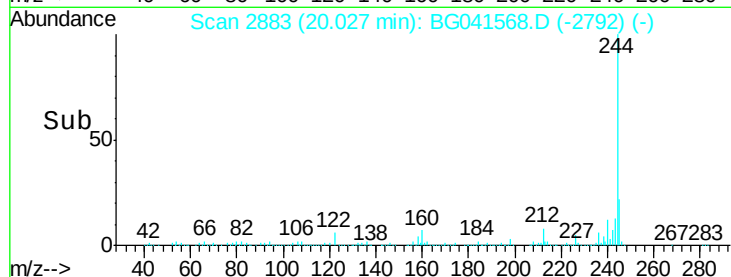
122 5.9 4.8 7.2



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: 44.561 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

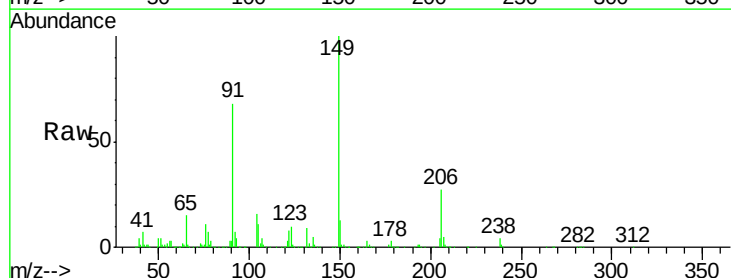
Tgt Ion:149 Resp: 236542

Ion Ratio Lower Upper

149 100

91 68.1 55.9 83.9

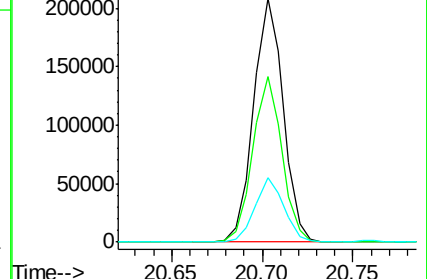
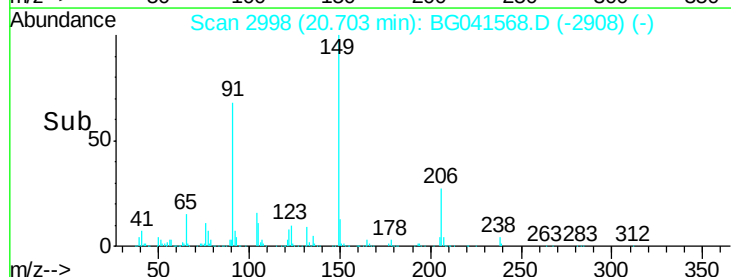
206 26.6 22.1 33.1

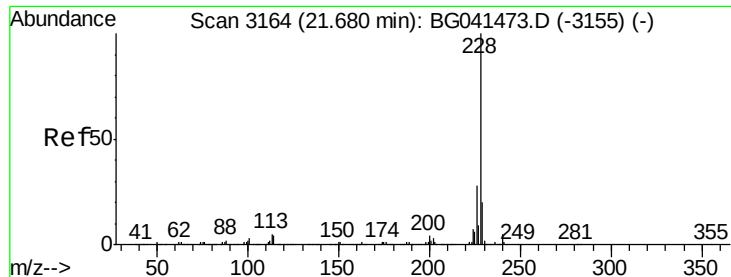


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.415 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

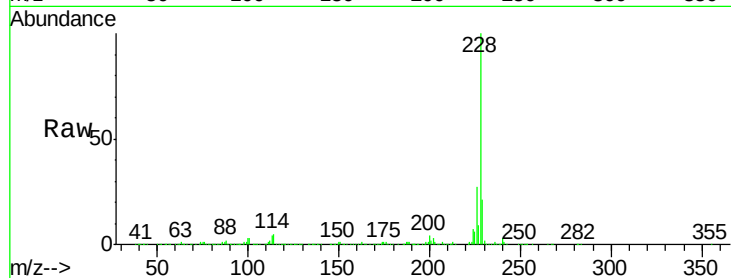
BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

Tgt Ion:228 Resp: 657390

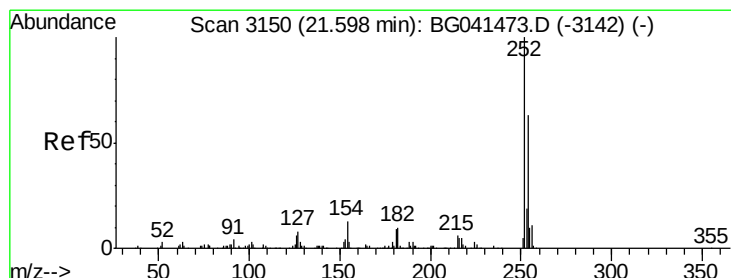
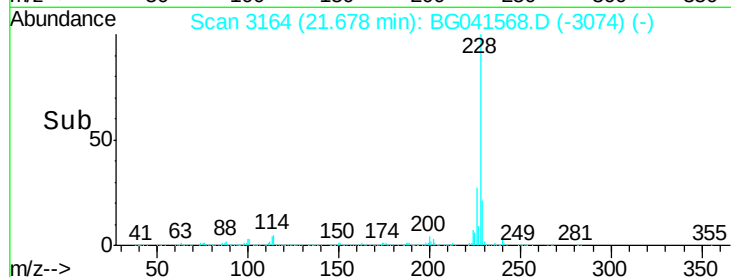
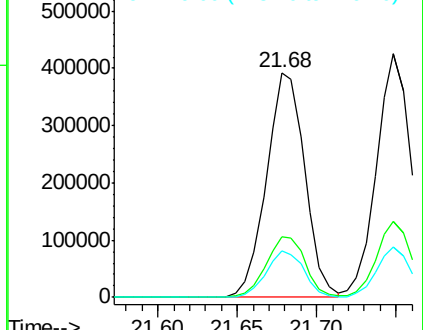
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	20.5	16.1	24.1



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: 28.560 ng

RT: 21.60 min Scan# 3150

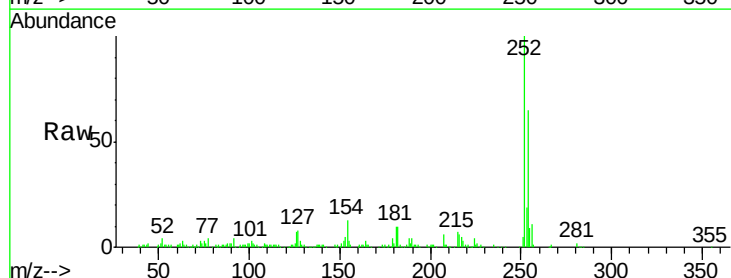
Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Tgt Ion:252 Resp: 143156

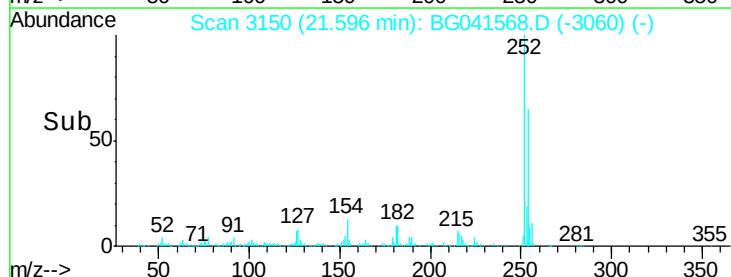
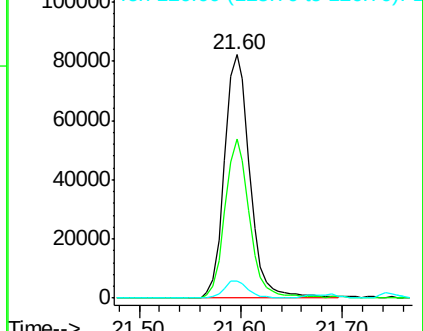
Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	7.2	4.9	7.3

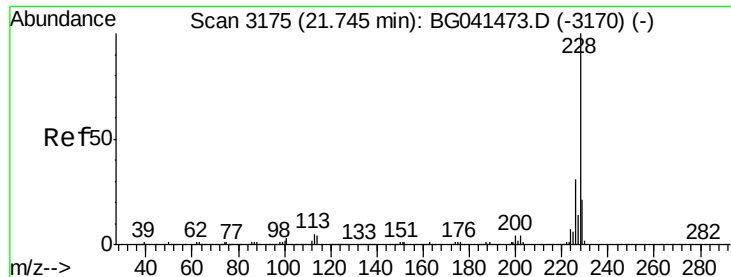


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.165 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

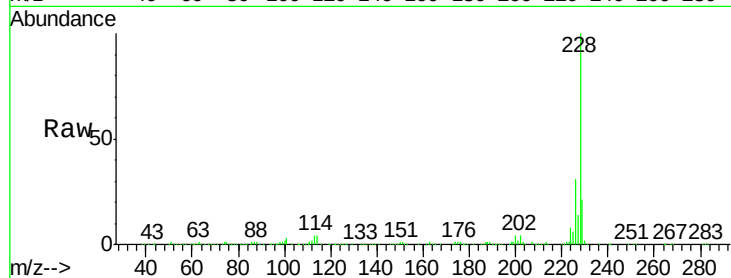
Tgt Ion:228 Resp: 646843

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.4

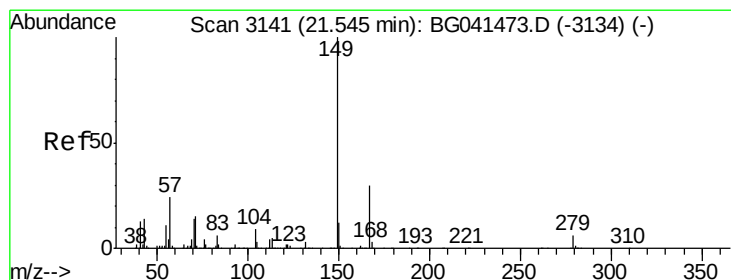
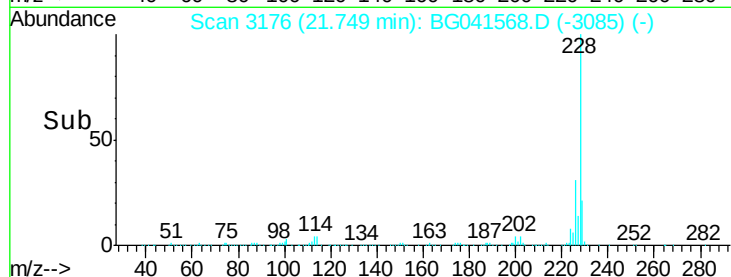
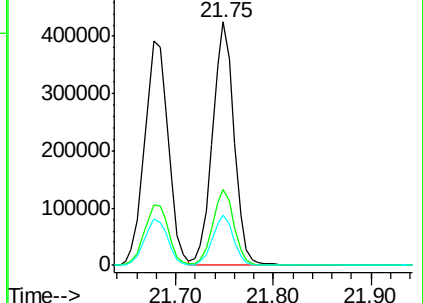
229 20.7 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.392 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

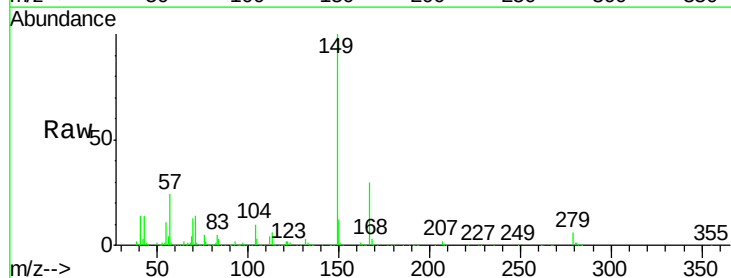
Tgt Ion:149 Resp: 334073

Ion Ratio Lower Upper

149 100

167 30.0 23.6 35.4

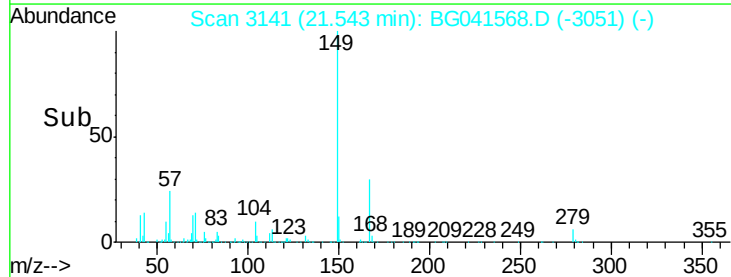
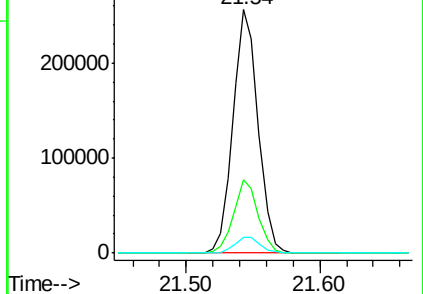
279 6.3 5.0 7.6

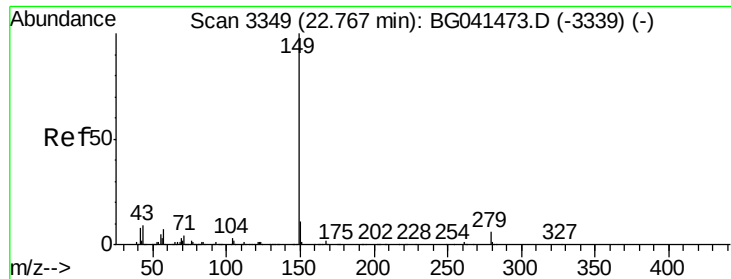


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.831 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MSD

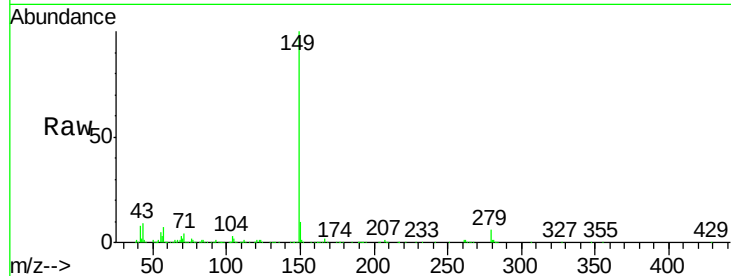
Tgt Ion:149 Resp: 570926

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

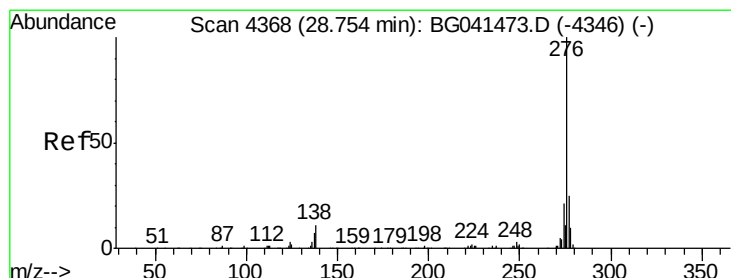
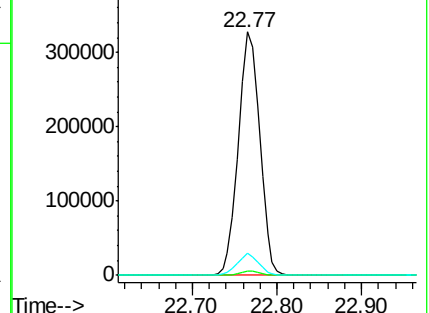
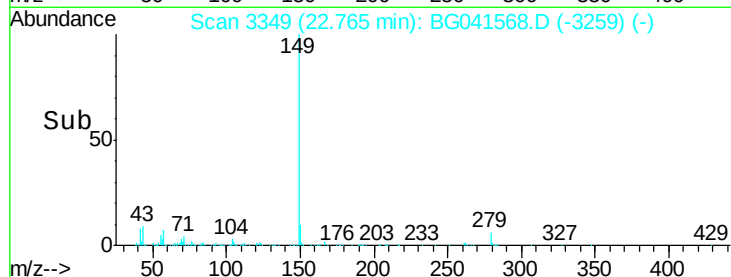
43 8.3 7.2 10.8



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: 46.489 ng

RT: 28.78 min Scan# 4372

Delta R.T. 0.02 min

Lab File: BG041568.D

Acq: 2 Jul 2019 12:06

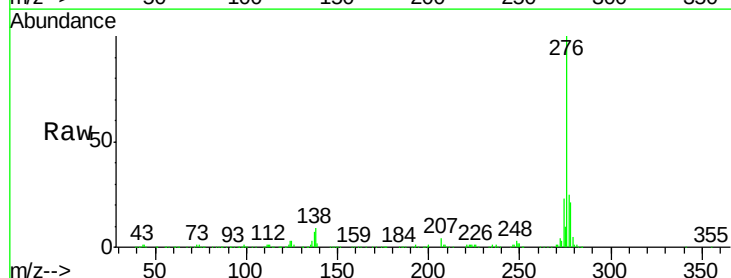
Tgt Ion:276 Resp: 788751

Ion Ratio Lower Upper

276 100

138 6.1 4.9 7.3

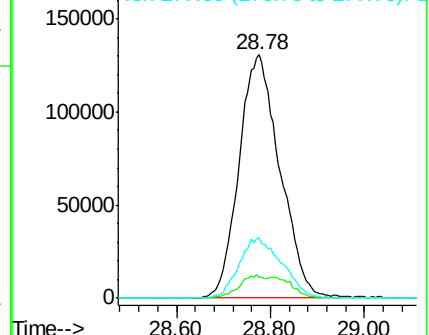
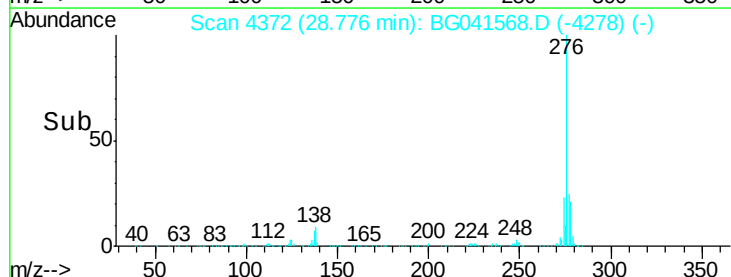
277 25.8 20.4 30.6

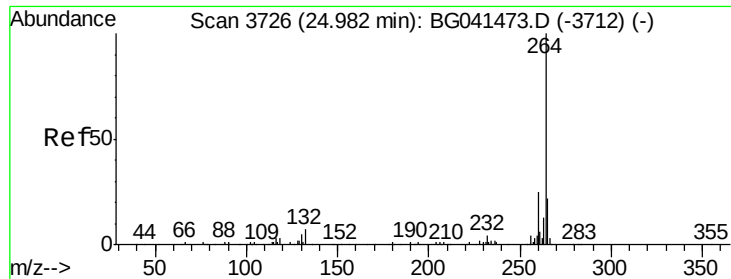


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



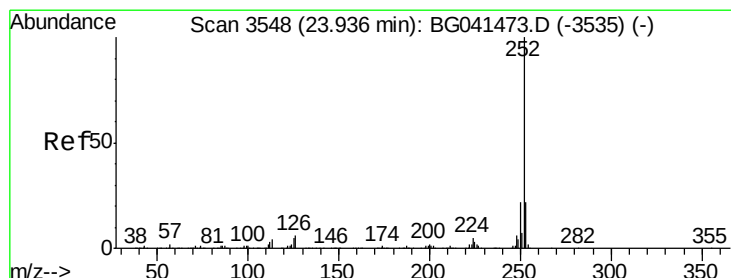
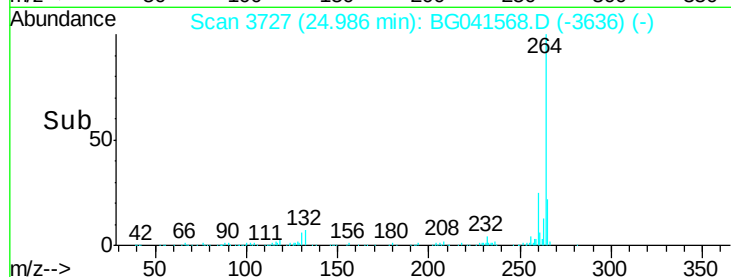
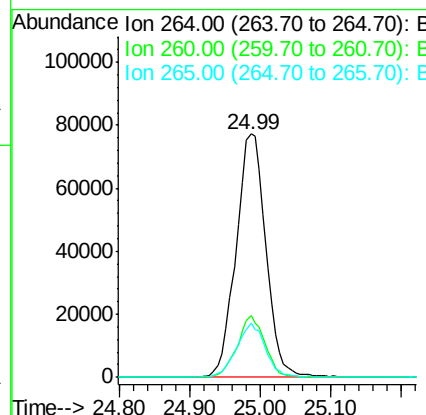
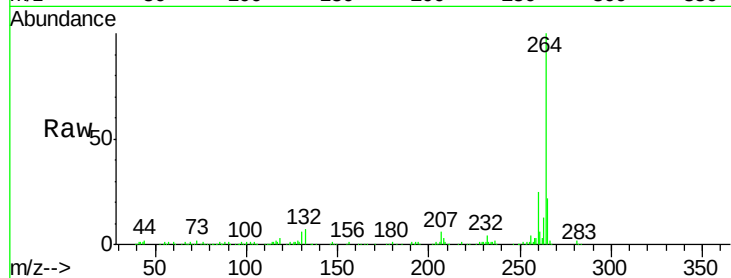


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tgt Ion: 264 Resp: 226792

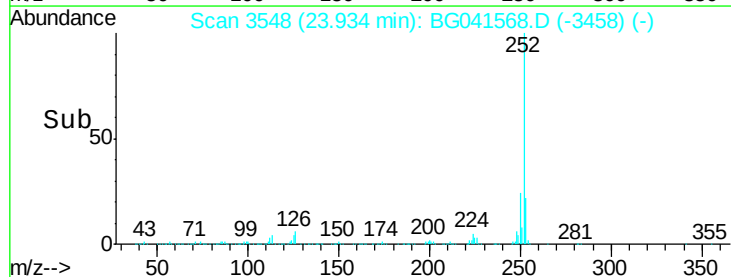
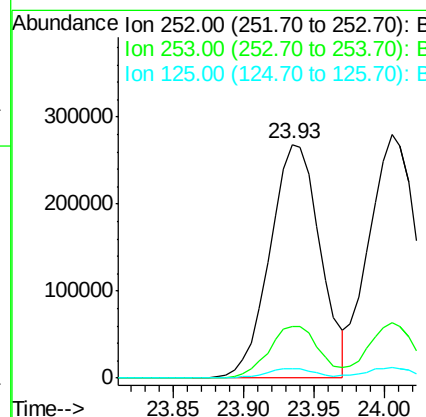
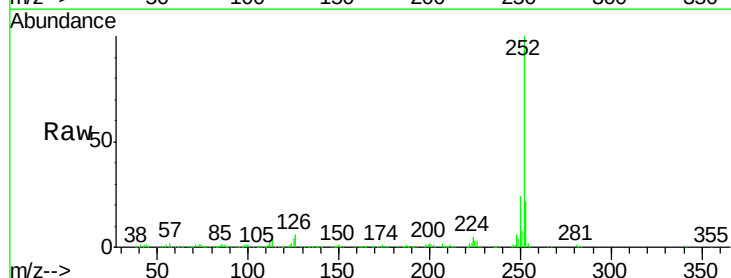
Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	22.0	17.4	26.2

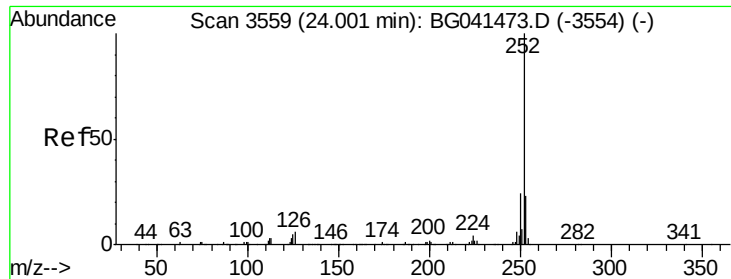


#88
Benzo(b)fluoranthene
Concen: 46.118 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion: 252 Resp: 667115

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	4.3	3.8	5.8

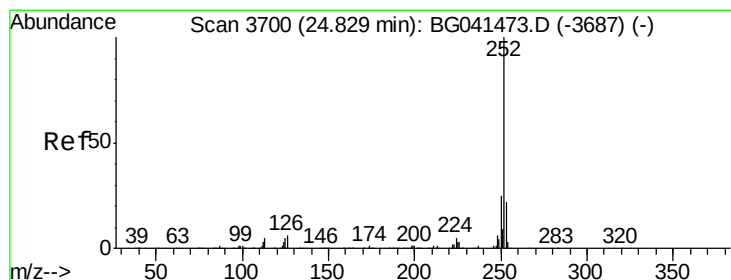
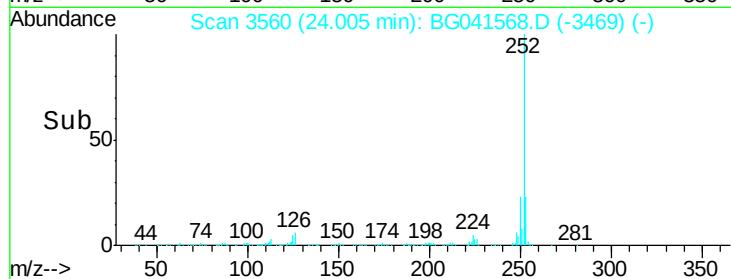
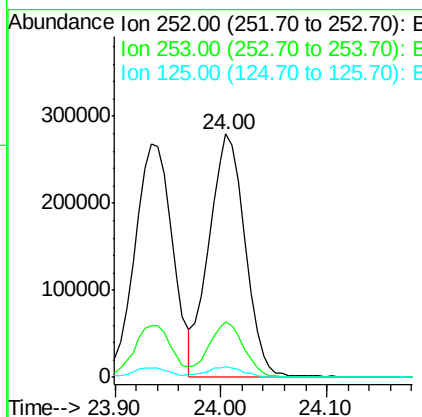
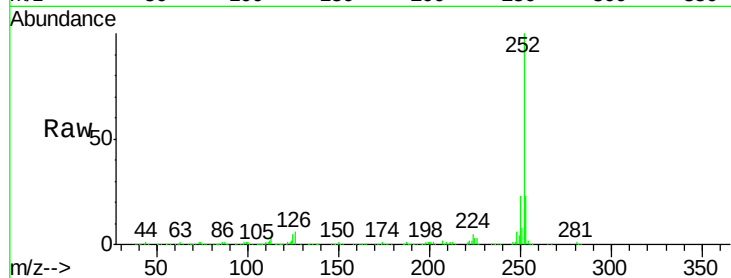




#89
Benzo(k)fluoranthene
Concen: 46.563 ng
RT: 24.00 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

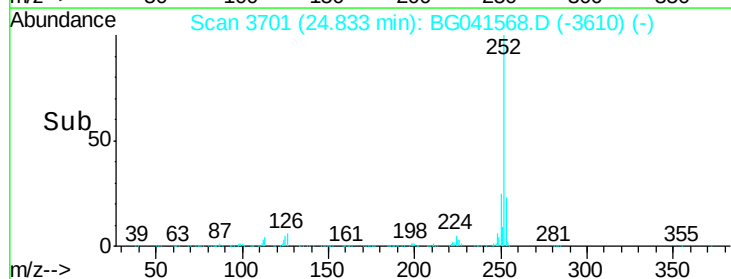
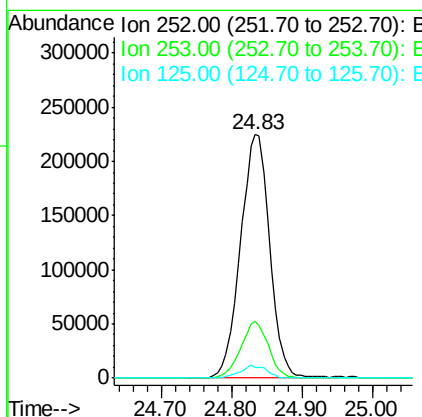
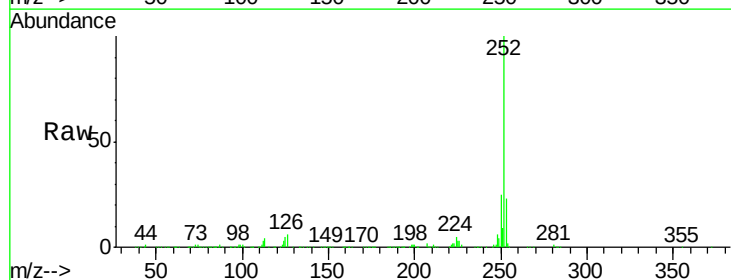
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

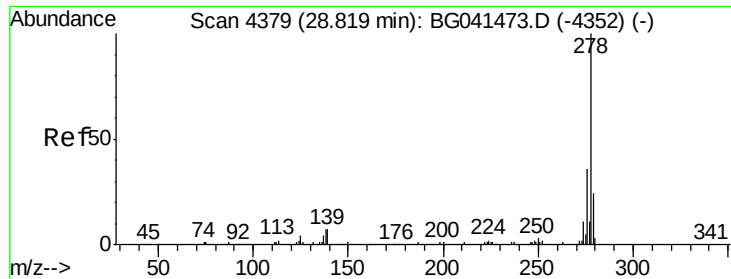
Tgt Ion:252 Resp: 661283
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 4.6 4.0 6.0



#90
Benzo(a)pyrene
Concen: 47.118 ng
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:252 Resp: 647338
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 4.6 4.4 6.6

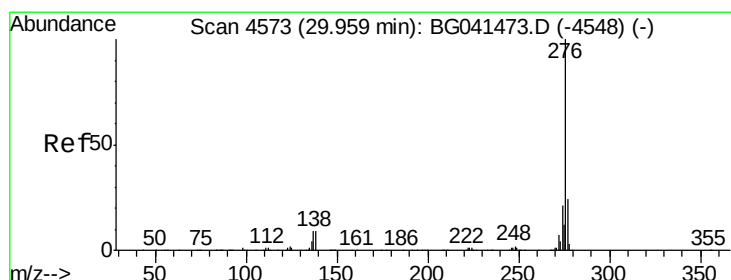
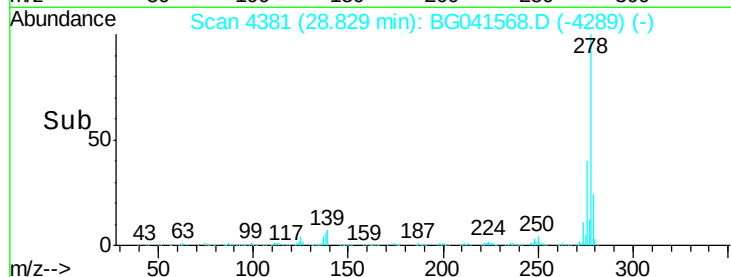
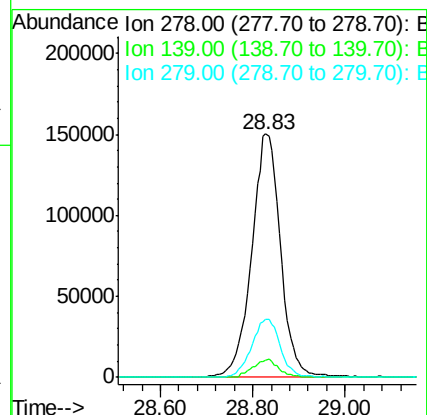
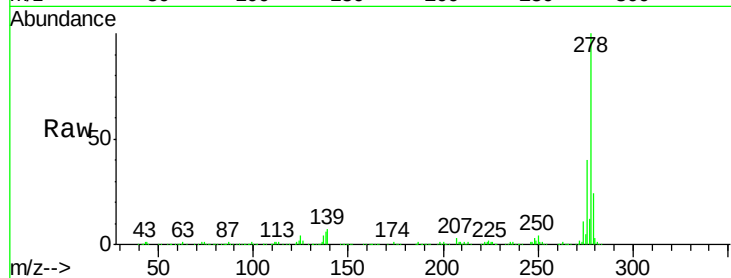




#91
Dibenzo(a,h)anthracene
Concen: 47.468 ng
RT: 28.83 min Scan# 4381
Delta R.T. 0.01 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Tgt Ion:278 Resp: 653341
Ion Ratio Lower Upper
278 100
139 6.8 5.9 8.9
279 23.9 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 47.765 ng
RT: 29.97 min Scan# 4575
Delta R.T. 0.01 min
Lab File: BG041568.D
Acq: 2 Jul 2019 12:06

Tgt Ion:276 Resp: 653658
Ion Ratio Lower Upper
276 100
277 25.6 19.4 29.2
138 9.8 7.6 11.4

