

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041567.D
 Acq On : 2 Jul 2019 11:25
 Operator : HP/JU
 Sample : K3519-06MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MS

Quant Time: Jul 03 07:35:41 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	28383	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	96929	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	68947	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	179740	20.00	ng	0.00
76) Chrysene-d12	21.70	240	207640	20.00	ng	0.00
87) Perylene-d12	24.99	264	225956	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	101746	63.91	ng	0.00
7) Phenol-d6	7.19	99	86271	38.49	ng	0.00
23) Nitrobenzene-d5	9.22	82	220178	94.74	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	187582	159.34	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	517255	96.27	ng	0.00
79) Terphenyl-d14	20.03	244	1027639	105.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	10756	14.926	ng	97
3) Pyridine	3.84	79	21109	11.545	ng	90
4) n-Nitrosodimethylamine	3.75	42	16070	15.794	ng	# 92
6) Aniline	7.36	93	40816	14.129	ng	99
8) 2-Chlorophenol	7.59	128	63952	35.819	ng	97
9) Benzaldehyde	7.17	77	59486	43.952	ng	99
10) Phenol	7.22	94	29202	12.929	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	71020	39.649	ng	98
12) 1,3-Dichlorobenzene	7.91	146	71355	30.895	ng	99
13) 1,4-Dichlorobenzene	8.07	146	72821	31.276	ng	97
14) 1,2-Dichlorobenzene	8.38	146	71962	32.280	ng	96
15) Benzyl Alcohol	8.28	79	41636	23.329	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	86021	34.198	ng	96
17) 2-Methylphenol	8.48	107	46717	28.414	ng	98
18) Hexachloroethane	9.11	117	27313	29.730	ng	95
19) n-Nitroso-di-n-propylamine	8.84	70	65001	38.884	ng	95
20) 3+4-Methylphenols	8.81	107	55360	25.262	ng	96
22) Acetophenone	8.87	105	130225	44.790	ng	99
24) Nitrobenzene	9.26	77	102682	44.017	ng	97
25) Isophorone	9.77	82	182533	43.746	ng	98
26) 2-Nitrophenol	9.97	139	47354	48.607	ng	92
27) 2,4-Dimethylphenol	10.02	122	63453	46.798	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	95357	43.218	ng	98
29) 2,4-Dichlorophenol	10.50	162	86028	46.973	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	90444	38.531	ng	96
31) Naphthalene	10.90	128	221972	41.409	ng	98
33) 4-Chloroaniline	11.02	127	45769	20.283	ng	96
34) Hexachlorobutadiene	11.16	225	64488	34.610	ng	98
35) Caprolactam	11.83	113	3785	6.619	ng	# 81
36) 4-Chloro-3-methylphenol	12.14	107	81396	41.019	ng	95
37) 2-Methylnaphthalene	12.51	142	171761	43.372	ng	95
38) 1-Methylnaphthalene	12.73	142	161646	42.785	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	134478	44.295	ng	99
41) Hexachlorocyclopentadiene	12.83	237	136499	82.737	ng	94

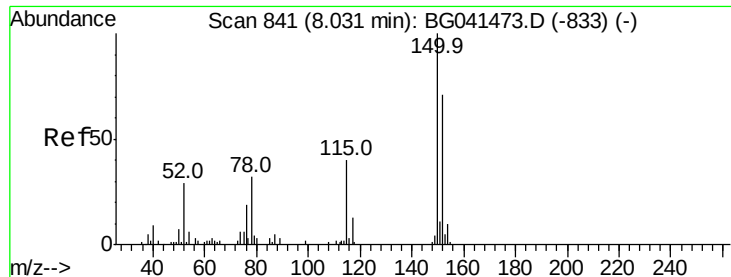
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041567.D
 Acq On : 2 Jul 2019 11:25
 Operator : HP/JU
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Quant Time: Jul 03 07:35:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS 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)
43) 2,4,6-Trichlorophenol	13.11	196	88322	49.033	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	94871	52.867	ng	94
46) 1,1'-Biphenyl	13.51	154	243469	44.734	ng	98
47) 2-Chloronaphthalene	13.56	162	199315	42.656	ng	97
48) 2-Nitroaniline	13.78	65	65828	41.559	ng	# 89
49) Acenaphthylene	14.41	152	316229	45.278	ng	98
50) Dimethylphthalate	14.13	163	284716	45.378	ng	99
51) 2,6-Dinitrotoluene	14.26	165	60172	45.191	ng	94
52) Acenaphthene	14.74	154	182356	44.030	ng	100
53) 3-Nitroaniline	14.61	138	26069	20.509	ng	99
54) 2,4-Dinitrophenol	14.82	184	25793	34.275	ng	92
55) Dibenzofuran	15.08	168	329714	45.729	ng	99
56) 4-Nitrophenol	14.92	139	25391	30.952	ng	93
57) 2,4-Dinitrotoluene	15.05	165	87713	45.408	ng	# 99
58) Fluorene	15.72	166	262608	45.782	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	97824	51.710	ng	97
60) Diethylphthalate	15.48	149	280596	43.690	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	163892	44.297	ng	98
62) 4-Nitroaniline	15.77	138	51520	41.587	ng	98
63) Azobenzene	16.00	77	241089	44.524	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	48502	43.570	ng	97
66) n-Nitrosodiphenylamine	15.93	169	236708	47.850	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	113186	46.081	ng	95
68) Hexachlorobenzene	16.72	284	116685	44.092	ng	98
69) Atrazine	16.87	200	108270	51.706	ng	97
70) Pentachlorophenol	17.08	266	78173	65.192	ng	94
71) Phenanthrene	17.47	178	463177	46.772	ng	100
72) Anthracene	17.56	178	473554	47.793	ng	100
73) Carbazole	17.84	167	413356	49.073	ng	98
74) Di-n-butylphthalate	18.37	149	496608	46.908	ng	99
75) Fluoranthene	19.48	202	650690	49.282	ng	98
77) Benzidine	19.66	184	146685	31.839	ng	100
78) Pyrene	19.84	202	654205	46.152	ng	100
80) Butylbenzylphthalate	20.70	149	240345	45.401	ng	96
81) Benzo(a)anthracene	21.68	228	666766	46.189	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	138244	27.656	ng	99
83) Chrysene	21.75	228	642313	45.968	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	340328	45.347	ng	100
85) Di-n-octyl phthalate	22.77	149	576285	45.375	ng	100
86) Indeno(1,2,3-cd)pyrene	28.77	276	788587	46.607	ng	# 99
88) Benzo(b)fluoranthene	23.94	252	660015	45.796	ng	100
89) Benzo(k)fluoranthene	24.01	252	651623	46.053	ng	98
90) Benzo(a)pyrene	24.83	252	649137	47.424	ng	98
91) Dibenzo(a,h)anthracene	28.83	278	652605	47.590	ng	98
92) Benzo(g,h,i)perylene	29.96	276	650715	47.726	ng	100

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

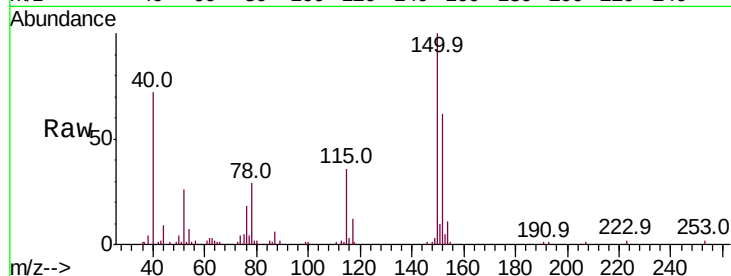


#1

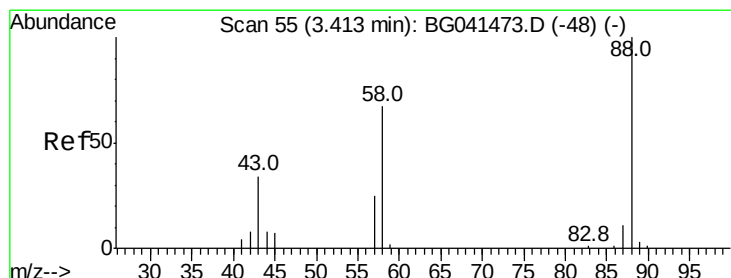
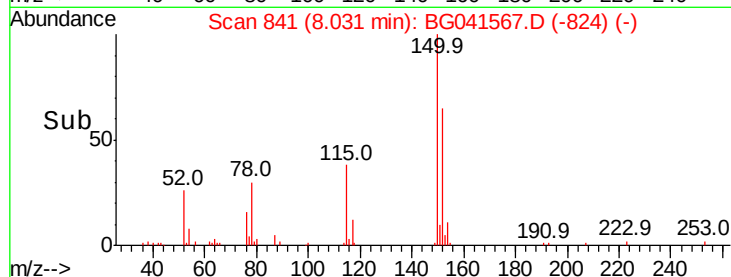
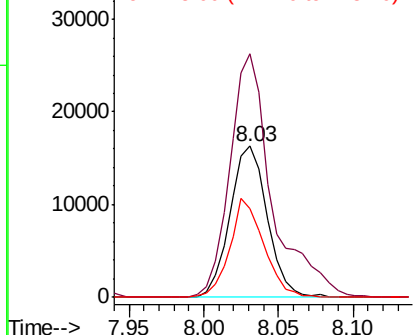
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

Tot Ion:152 Resp: 28383
Ion Ratio Lower Upper
152 100
150 161.2 112.4 168.6
115 58.4 44.6 66.8



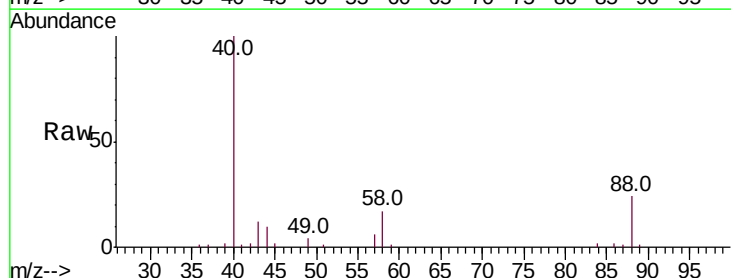
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



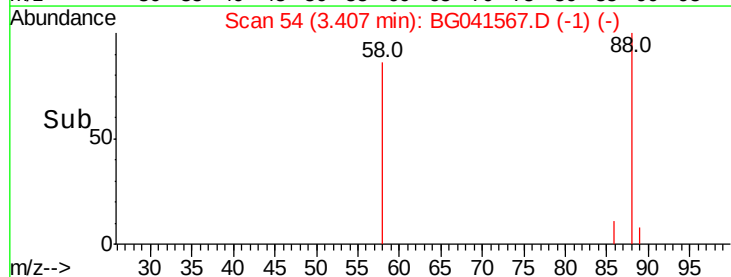
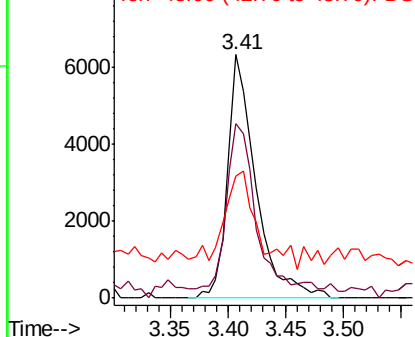
#2

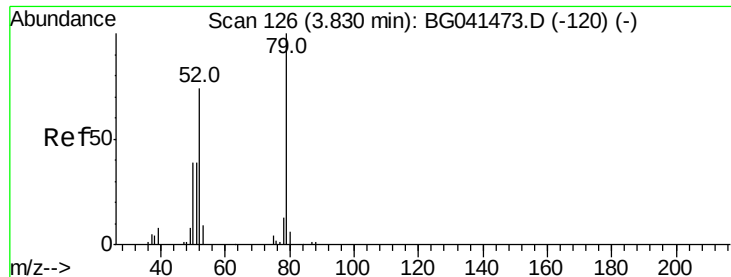
1,4-Dioxane
Concen: 14.926 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion: 88 Resp: 10756
Ion Ratio Lower Upper
88 100
58 66.4 55.8 83.8
43 33.8 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

Pvridine

Concen: 11.545 ng

RT: 3.84 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

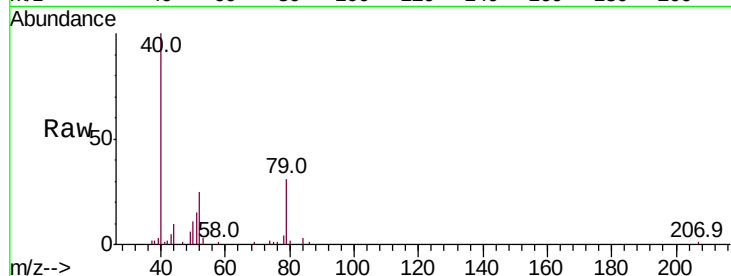
Tot Ion: 79 Resp: 21109

Ion Ratio Lower Upper

79 100

52 81.0 59.4 89.0

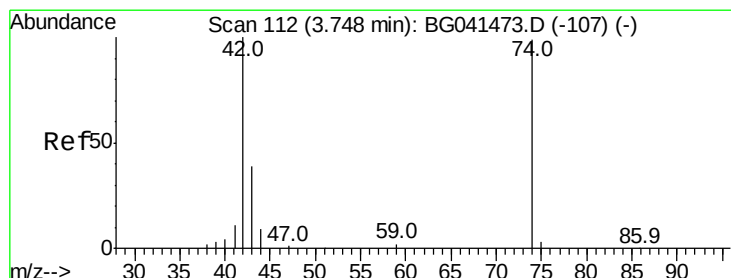
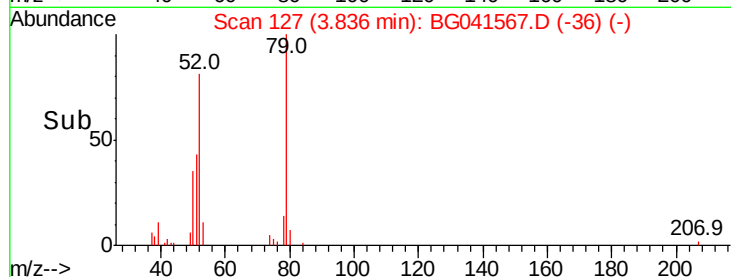
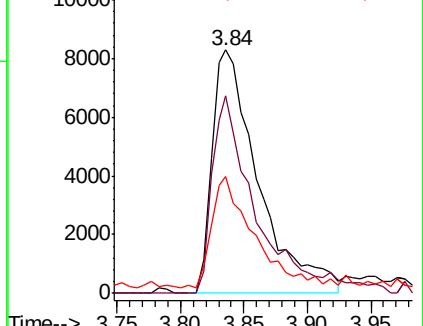
51 48.2 32.3 48.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 15.794 ng

RT: 3.75 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

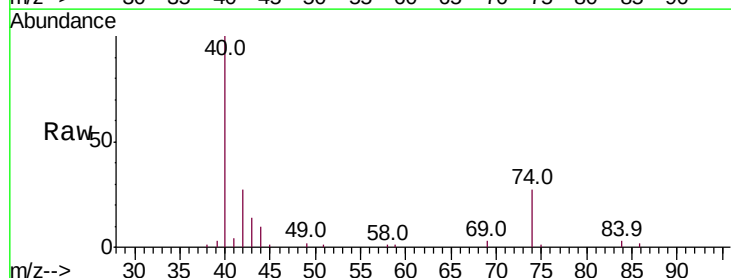
Tgt Ion: 42 Resp: 16070

Ion Ratio Lower Upper

42 100

74 99.8 79.5 119.3

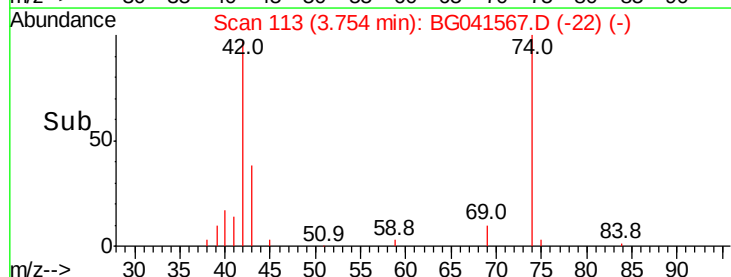
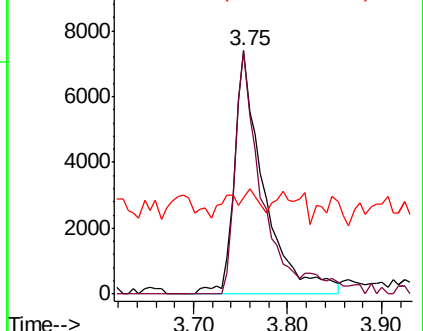
44 39.4 14.2 21.2#

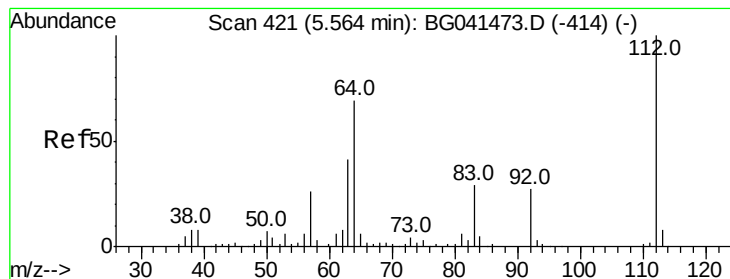


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 63.911 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

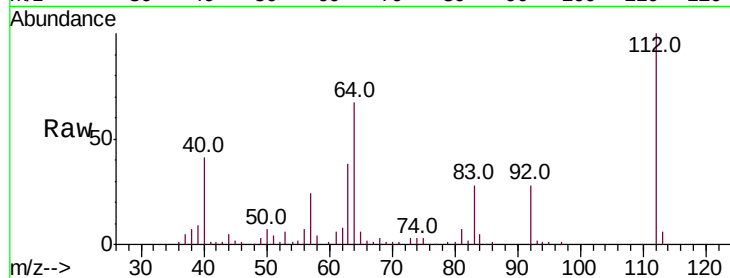
Tot Ion:112 Resp: 101746

Ion Ratio Lower Upper

112 100

64 66.7 55.1 82.7

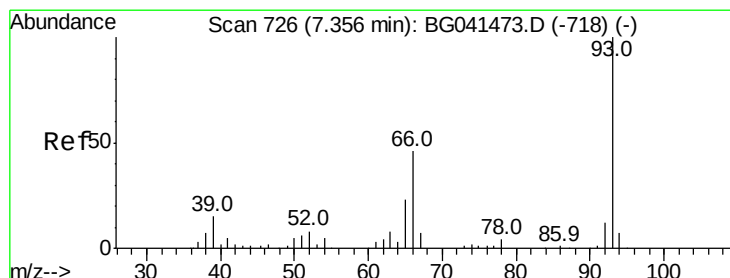
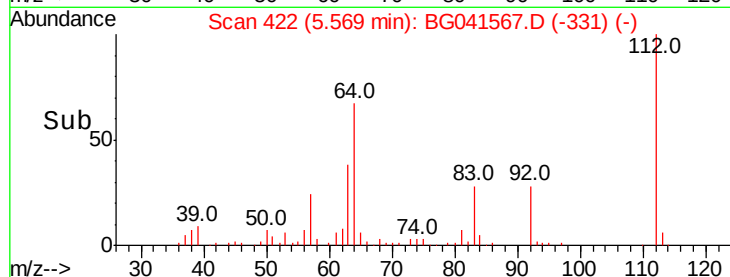
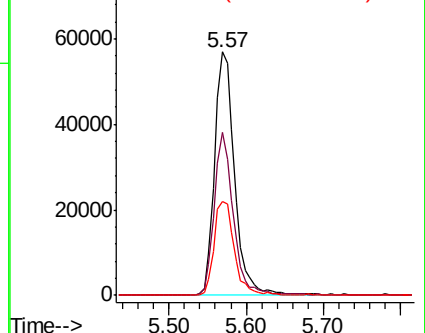
63 38.3 32.4 48.6



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: 14.129 ng

RT: 7.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

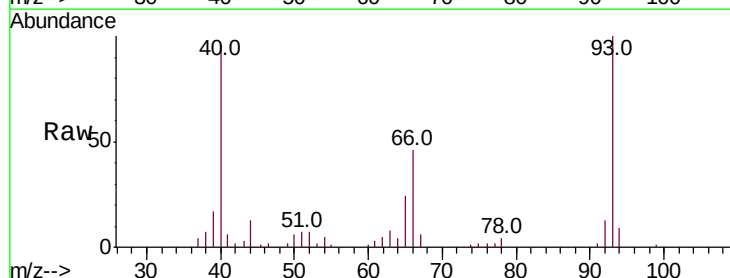
Tgt Ion: 93 Resp: 40816

Ion Ratio Lower Upper

93 100

66 46.3 37.4 56.0

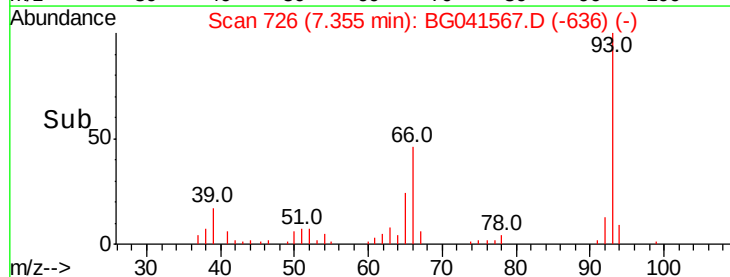
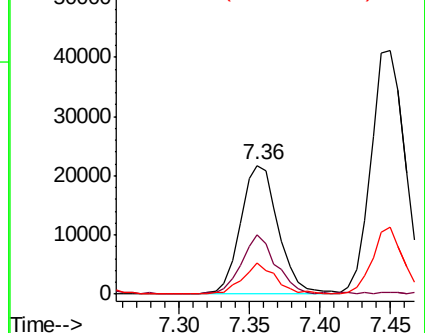
65 24.0 18.6 27.8

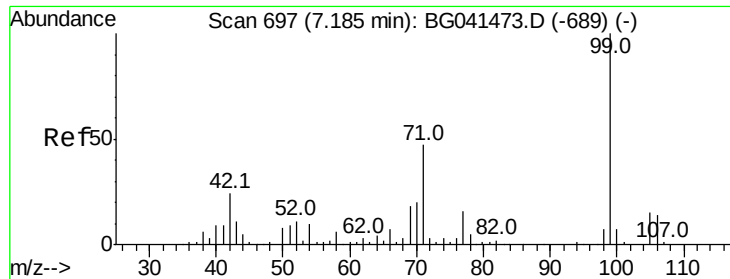


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 38.495 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

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ClientSampleId :

SP-19-LF2MW2MS

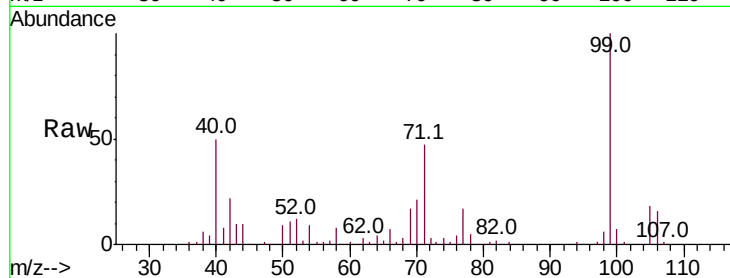
Tot Ion: 99 Resp: 86271

Ion Ratio Lower Upper

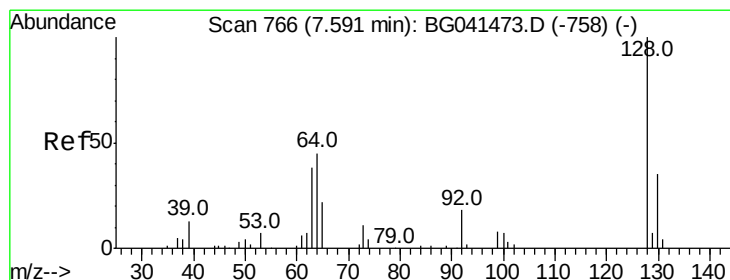
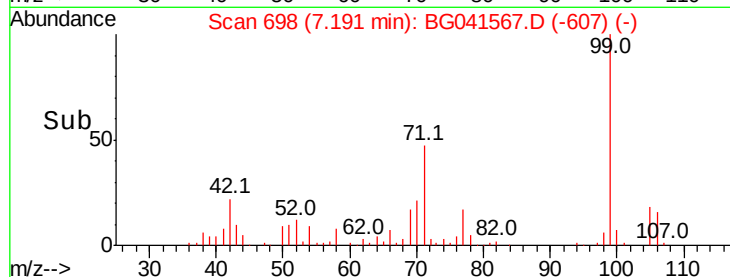
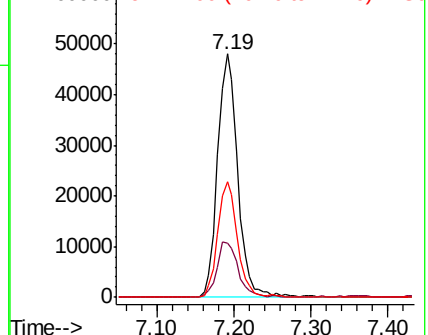
99 100

42 22.3 19.0 28.6

71 47.4 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: 35.819 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

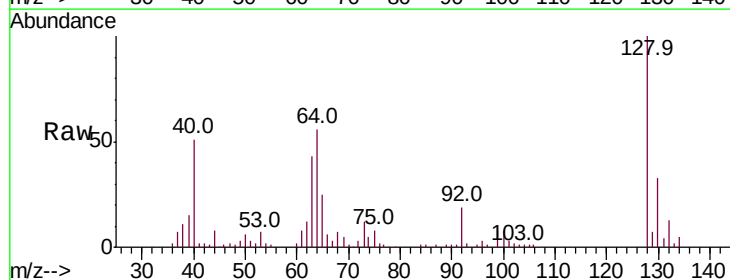
Tgt Ion: 128 Resp: 63952

Ion Ratio Lower Upper

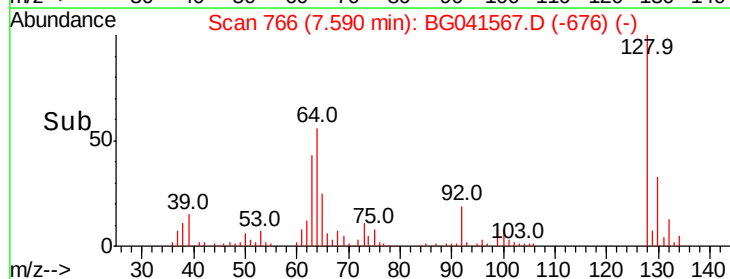
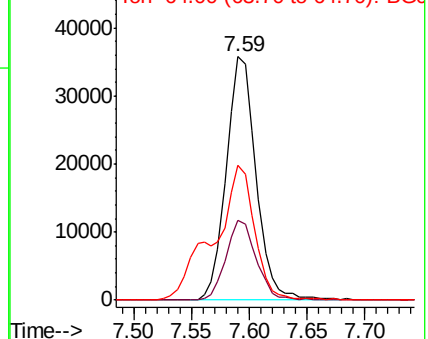
128 100

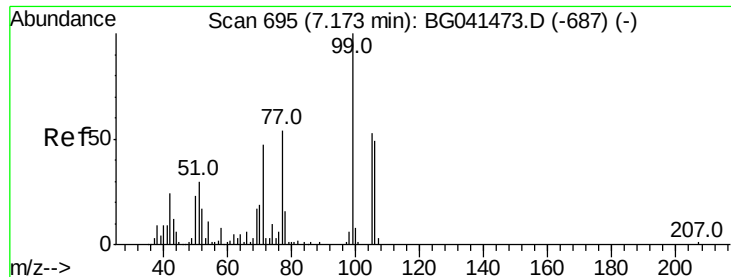
130 32.9 15.0 55.0

64 55.5 33.3 73.3



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





#9

Benzaldehyde

Concen: 43.952 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

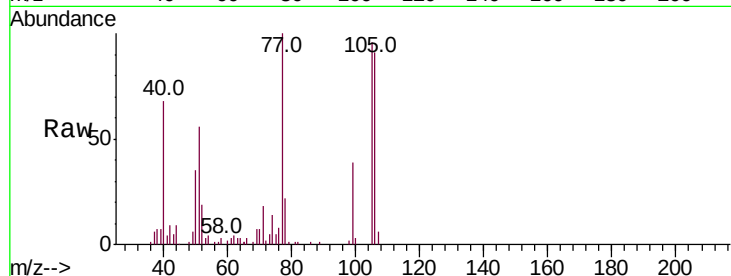
Tot Ion: 77 Resp: 59486

Ion Ratio Lower Upper

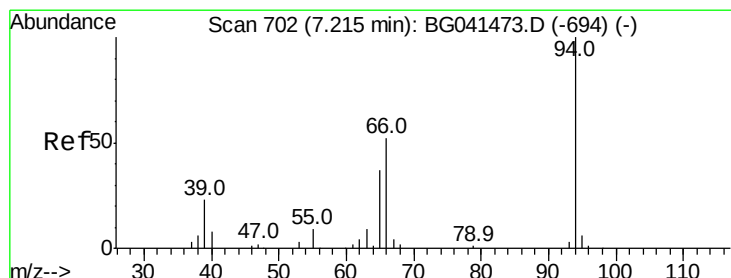
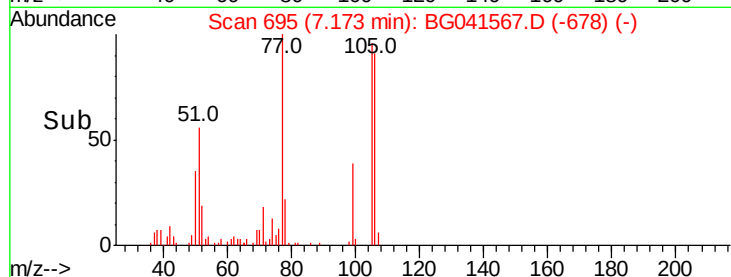
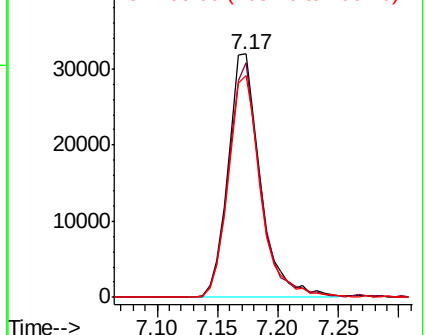
77 100

105 96.5 77.8 117.8

106 91.1 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: 12.929 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

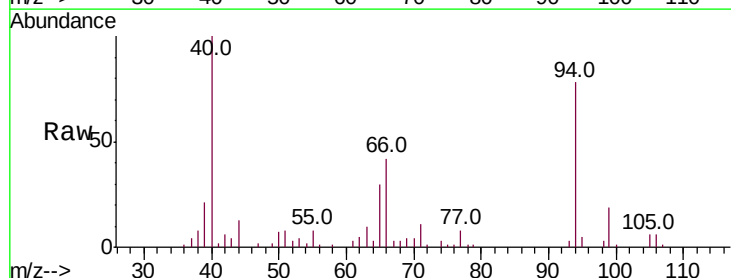
Tgt Ion: 94 Resp: 29202

Ion Ratio Lower Upper

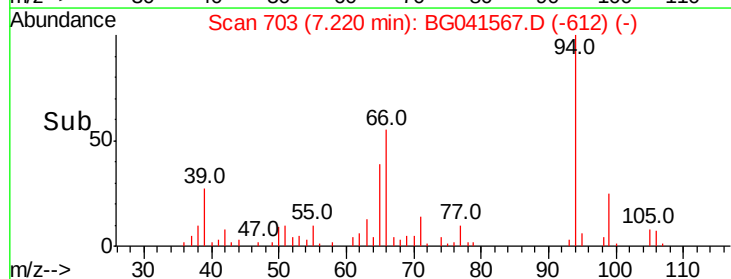
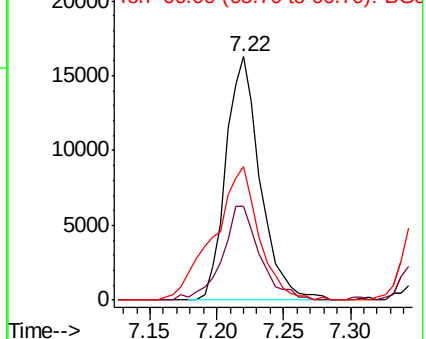
94 100

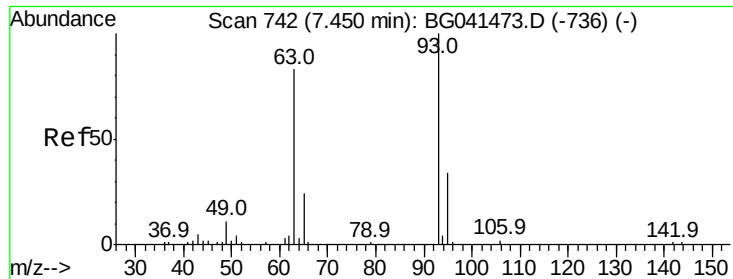
65 38.7 17.9 57.9

66 54.6 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

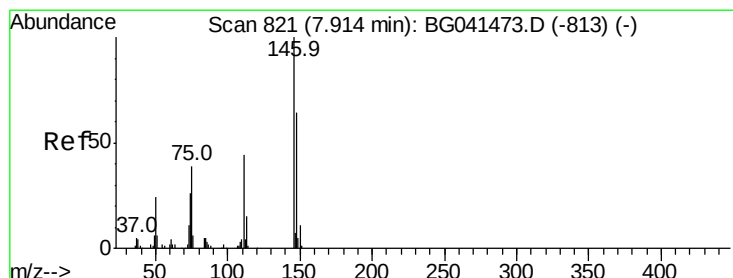
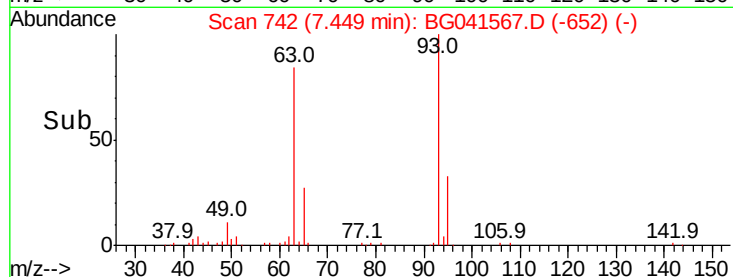
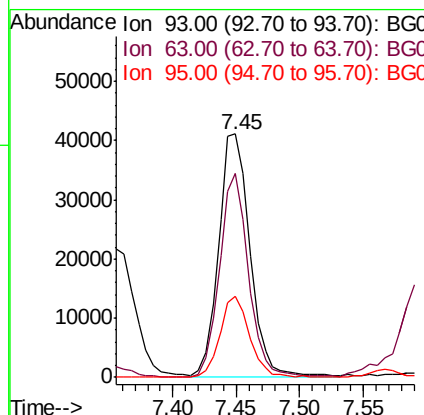
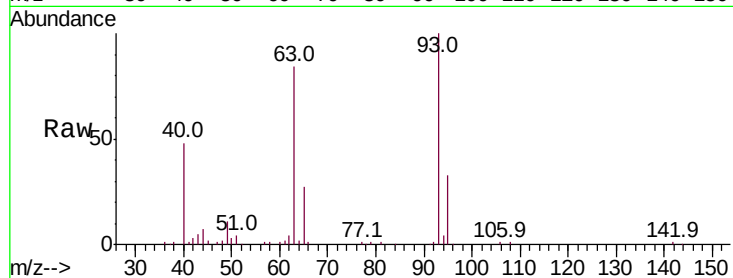




#11
 bis(2-Chloroethyl)ether
 Concen: 39.649 ng
 RT: 7.45 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

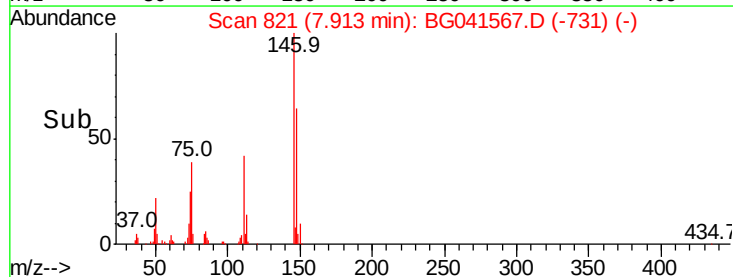
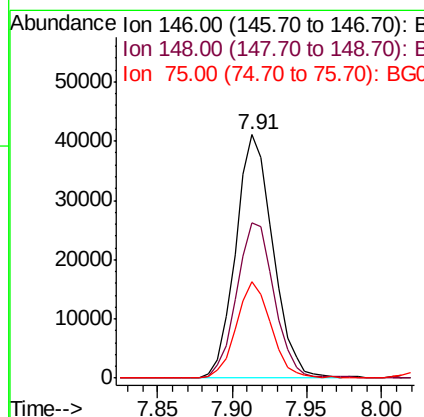
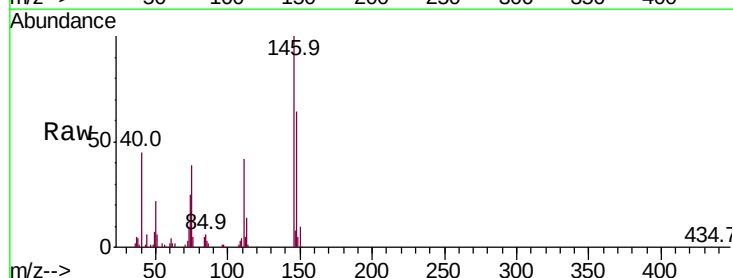
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MS

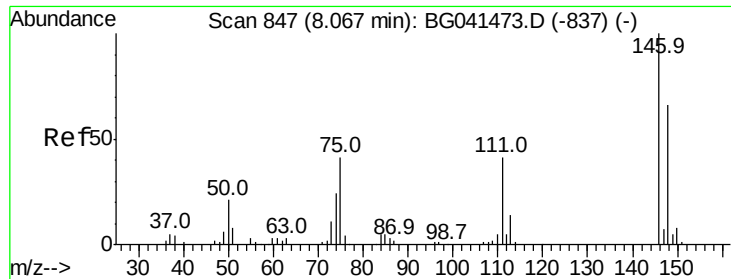
Tot Ion: 93 Resp: 71020
 Ion Ratio Lower Upper
 93 100
 63 84.0 62.0 102.0
 95 33.5 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 30.895 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Tgt Ion: 146 Resp: 71355
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 75 39.4 31.0 46.6

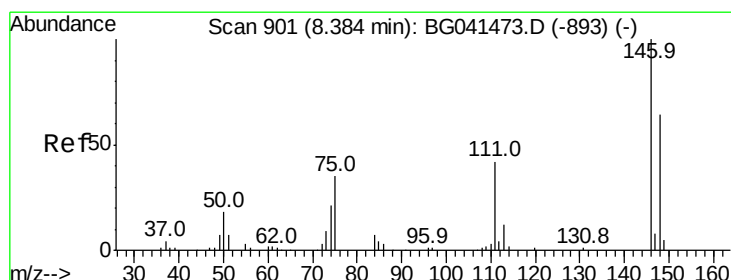
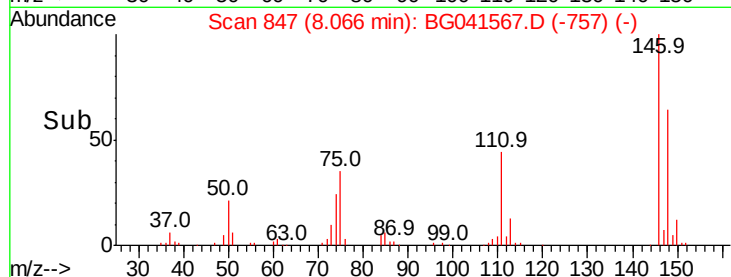
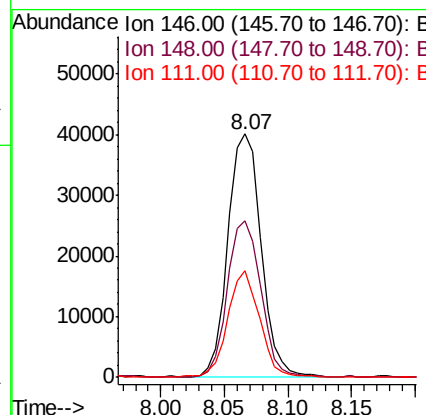
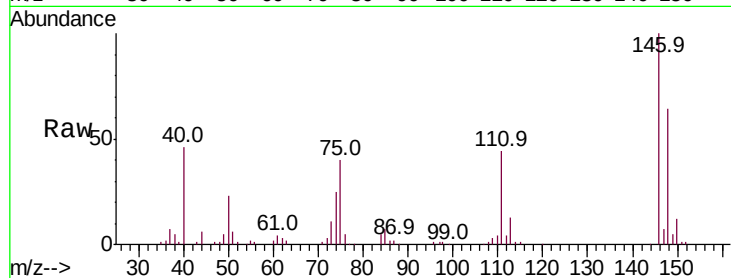




#13
 1,4-Dichlorobenzene
 Concen: 31.276 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

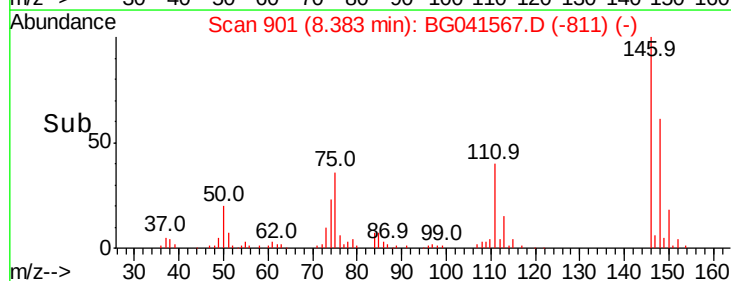
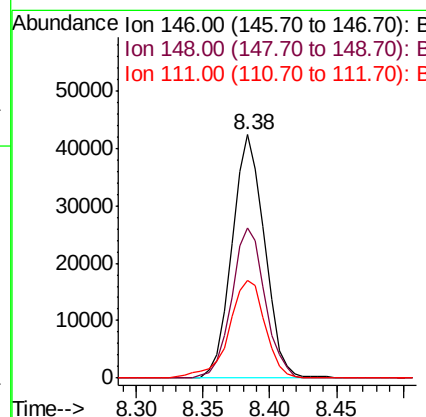
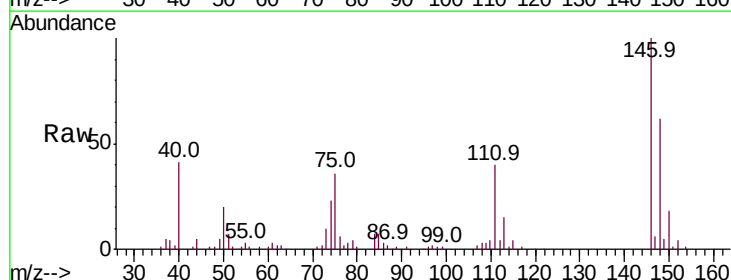
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MS

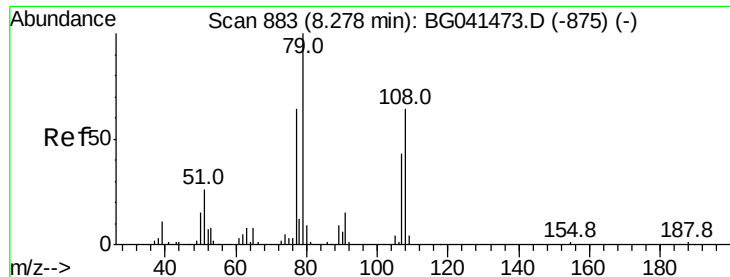
Tot Ion:146 Resp: 72821
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.8 79.2
 111 44.0 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 32.280 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Tgt Ion:146 Resp: 71962
 Ion Ratio Lower Upper
 146 100
 148 61.7 51.3 76.9
 111 40.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 23.329 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

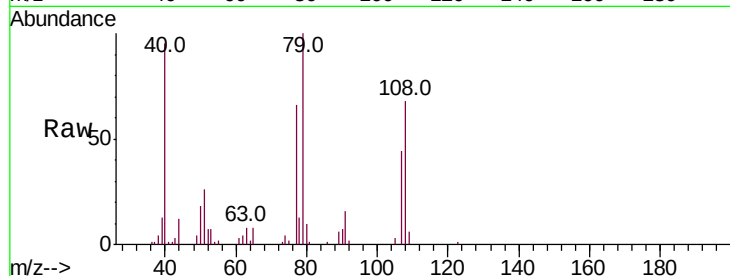
Tot Ion: 79 Resp: 41636

Ion Ratio Lower Upper

79 100

108 68.4 51.4 77.0

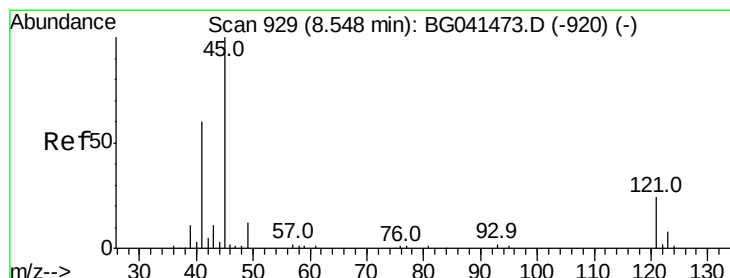
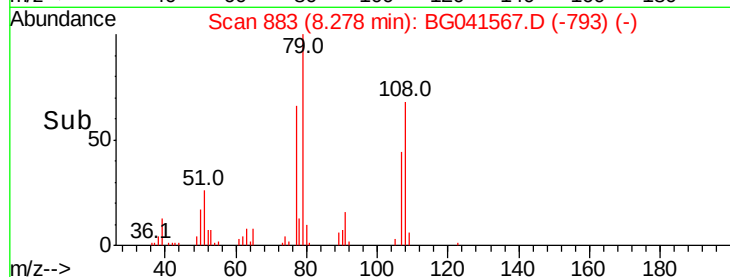
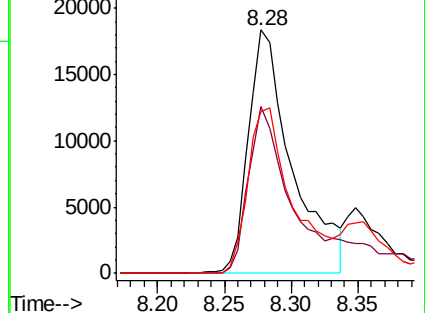
77 66.4 50.8 76.2



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: 34.198 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

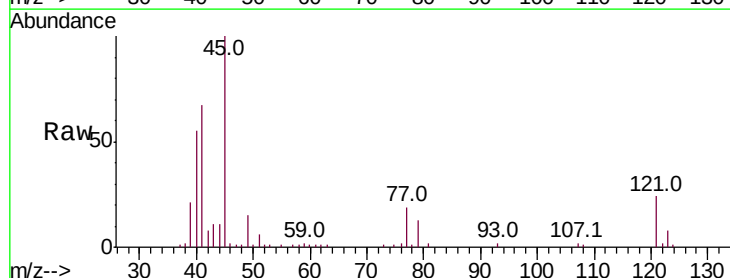
Tgt Ion: 45 Resp: 86021

Ion Ratio Lower Upper

45 100

77 18.7 0.0 36.3

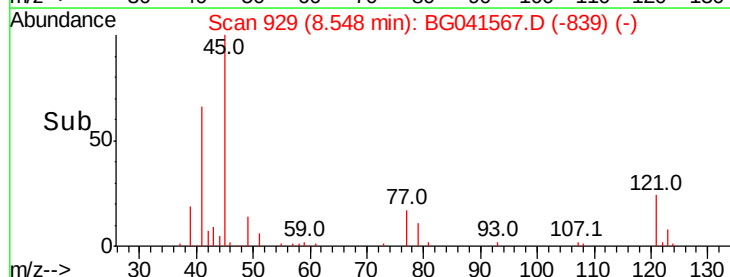
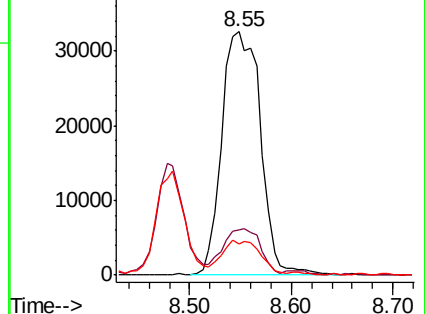
79 12.9 0.0 32.4

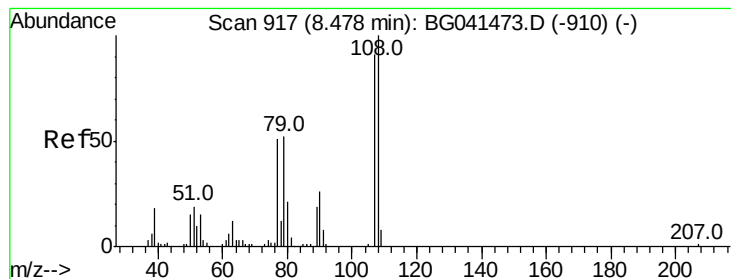


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 28.414 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

Tot Ion:107 Resp: 46717

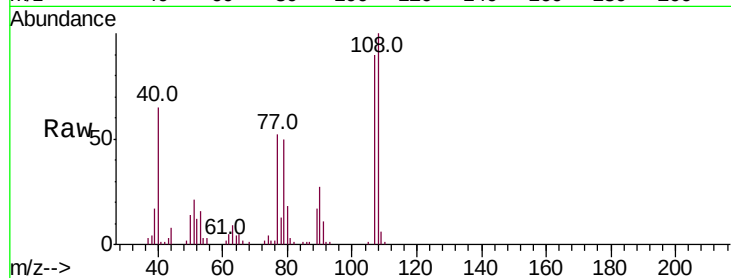
Ion Ratio Lower Upper

107 100

108 110.5 88.0 132.0

77 57.9 45.3 67.9

79 55.0 47.3 70.9

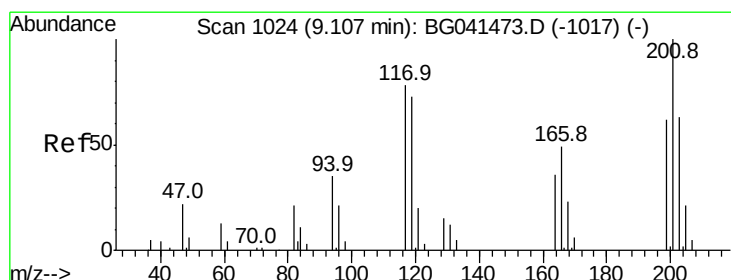
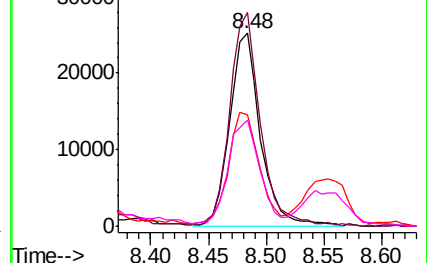
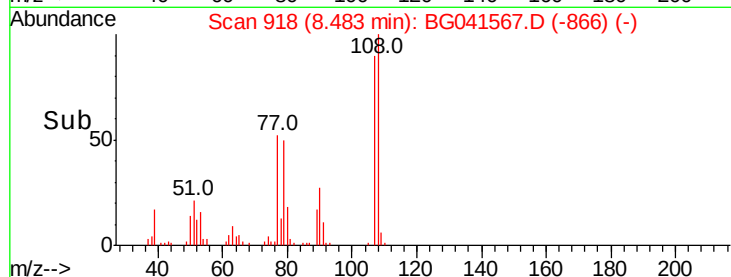


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.730 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

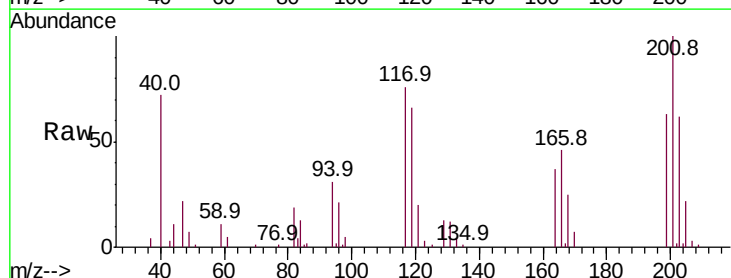
Tgt Ion:117 Resp: 27313

Ion Ratio Lower Upper

117 100

119 87.0 74.3 111.5

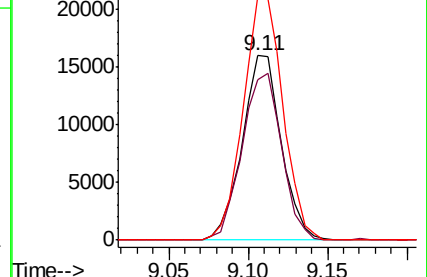
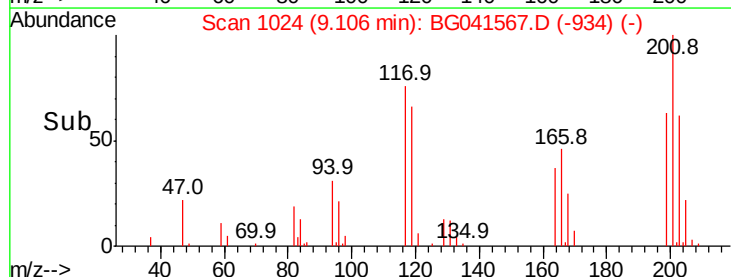
201 132.2 102.3 153.5

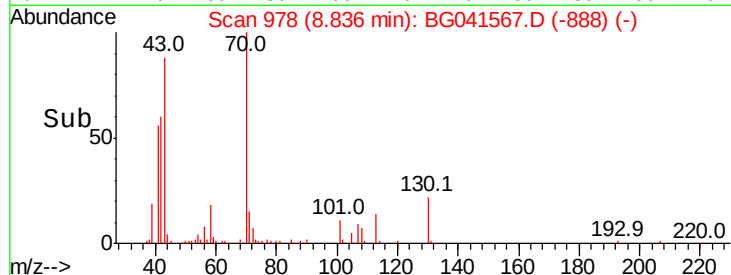
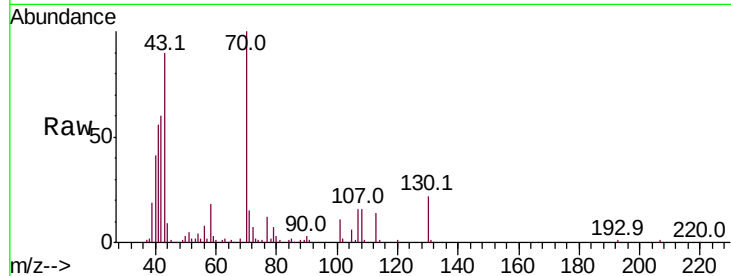
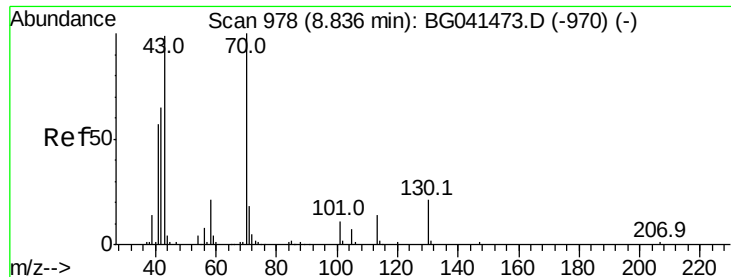


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

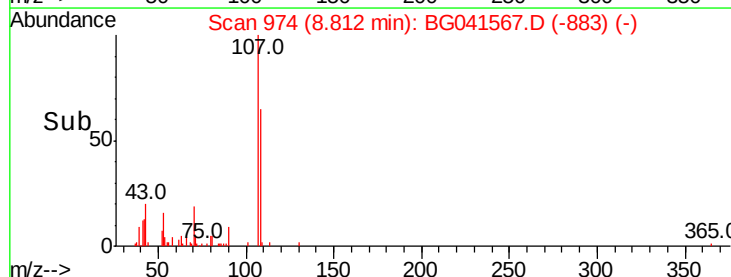
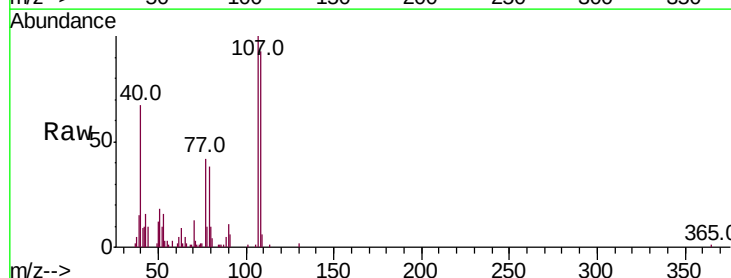
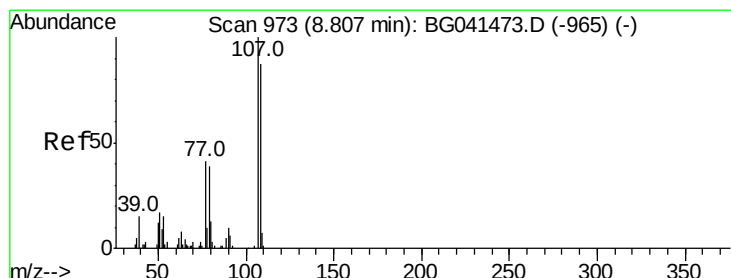
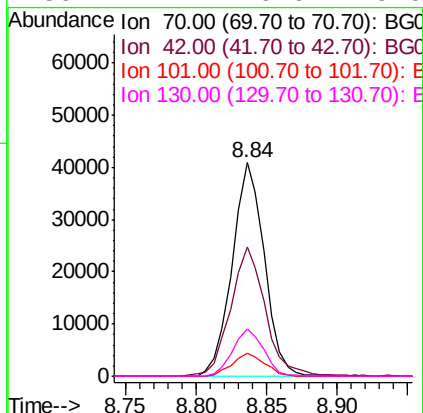




#19
n-Nitroso-di-n-propylamine
Concen: 38.884 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

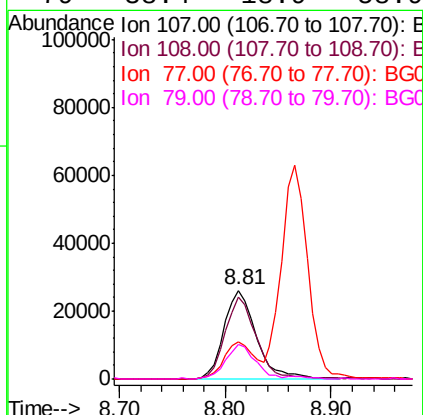
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

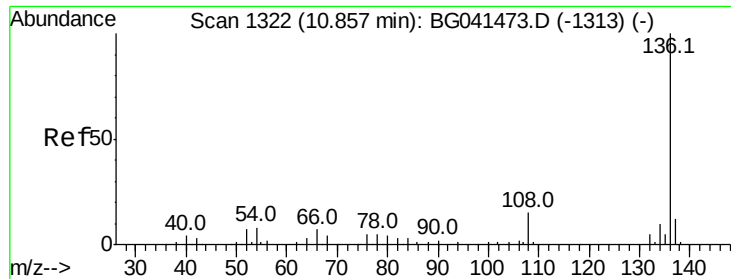
Tot Ion:	70	Resp:	65001
Ion	Ratio	Lower	Upper
70	100		
42	60.5	52.6	78.8
101	11.1	8.6	13.0
130	22.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 25.262 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion:	107	Resp:	55360
Ion	Ratio	Lower	Upper
107	100		
108	93.0	67.0	107.0
77	42.0	20.6	60.6
79	38.4	18.9	58.9

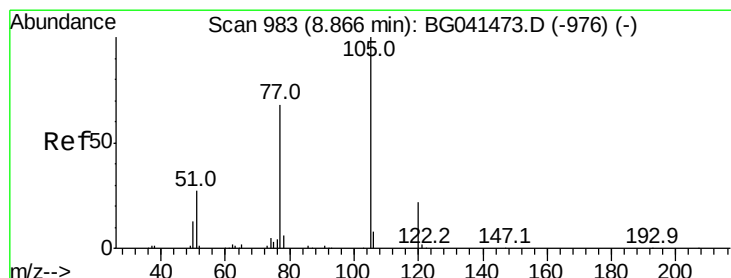
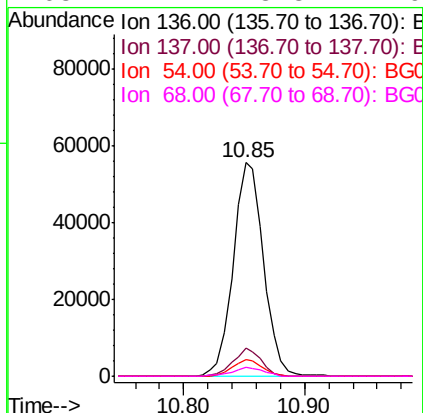
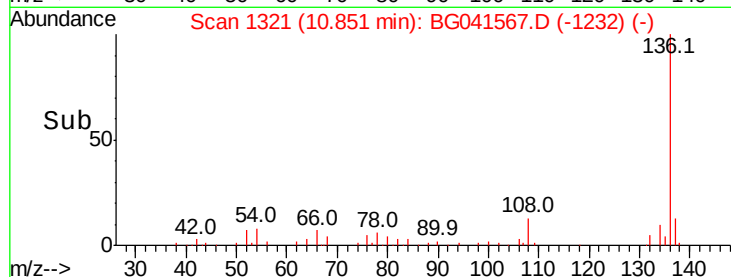
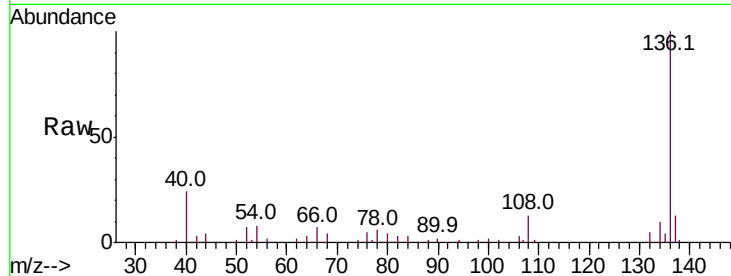




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

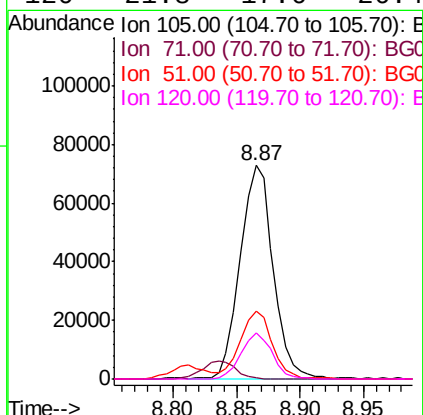
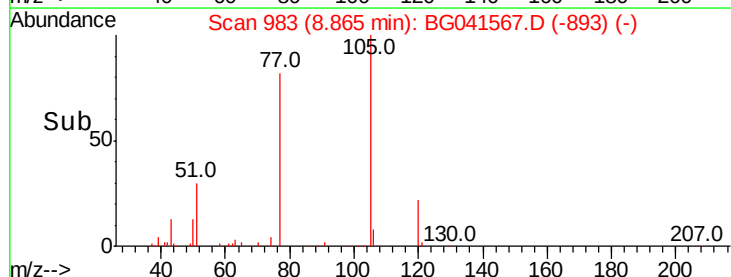
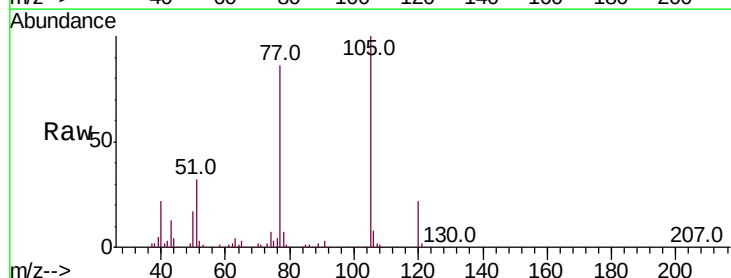
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

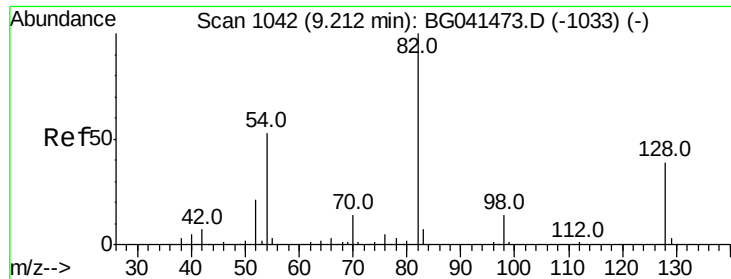
Tot Ion:136	Resp:	96929
Ion Ratio	Lower	Upper
136 100		
137 13.4	9.3	13.9
54 8.1	7.1	10.7
68 4.4	3.3	4.9



#22
Acetophenone
Concen: 44.790 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion	Ion:105	Resp:	130225
105	Ratio 100	Lower	Upper
71	0.6	0.5	0.7
51	31.7	25.0	37.6
120	21.8	17.6	26.4

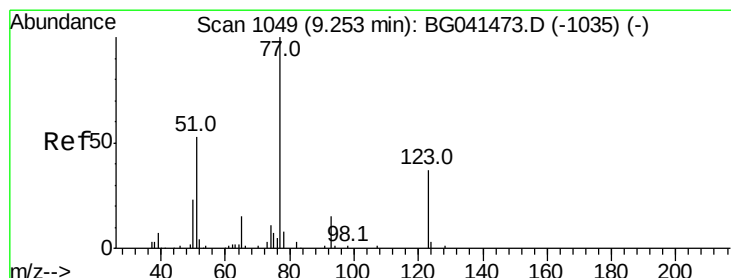
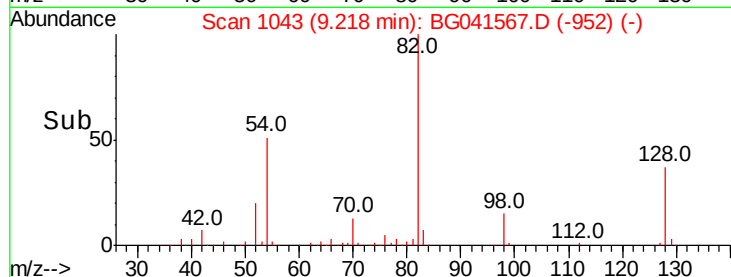
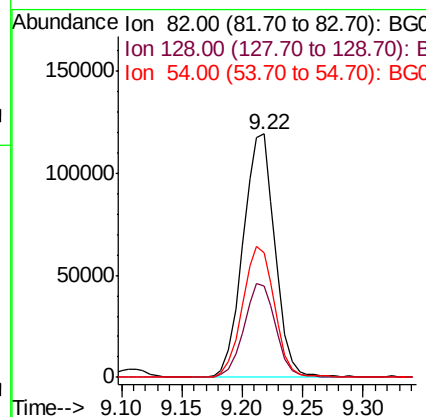
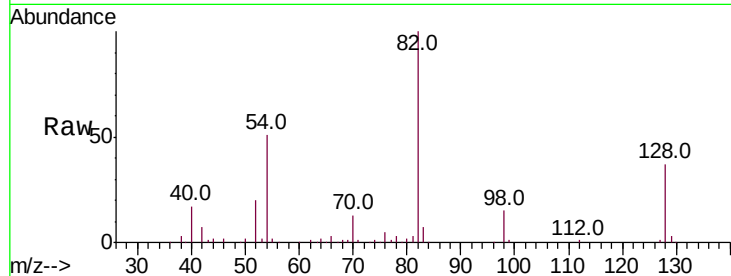




#23
Nitrobenzene-d5
Concen: 94.739 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

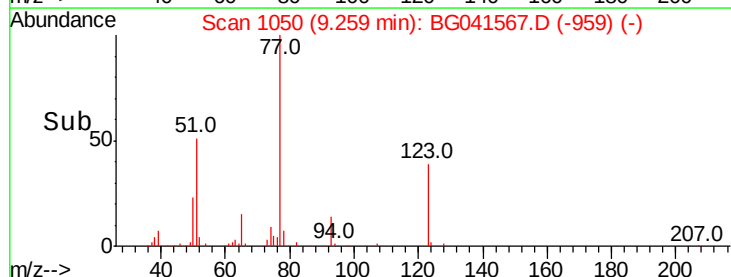
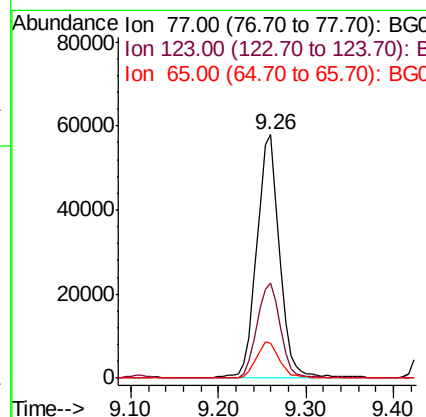
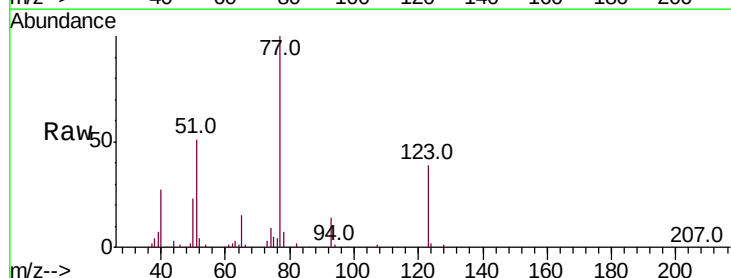
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

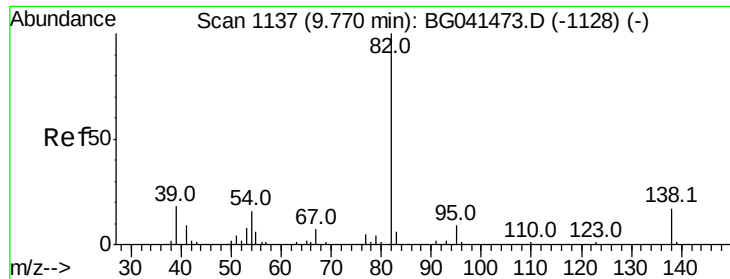
Tot Ion	82	Resp	220178
Ion Ratio	Lower	Upper	
82	100		
128	37.2	30.9	46.3
54	51.2	42.2	63.2



#24
Nitrobenzene
Concen: 44.017 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion	77	Resp	102682
Ion Ratio	Lower	Upper	
77	100		
123	39.3	29.9	44.9
65	14.6	12.2	18.4

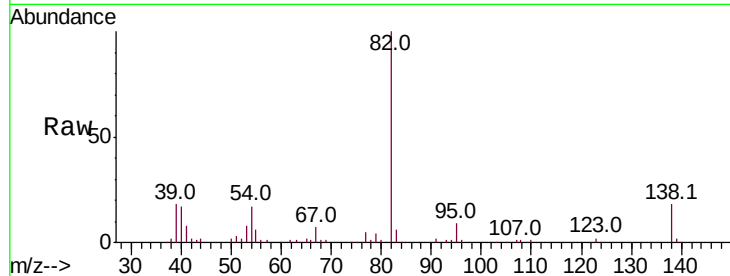




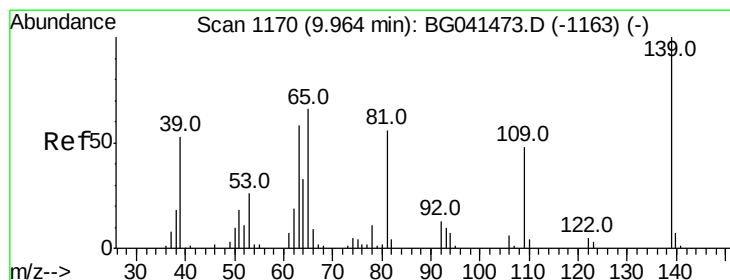
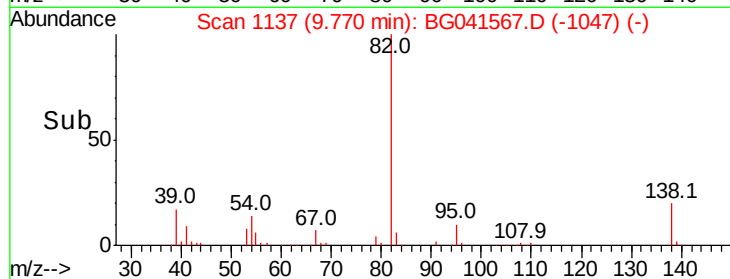
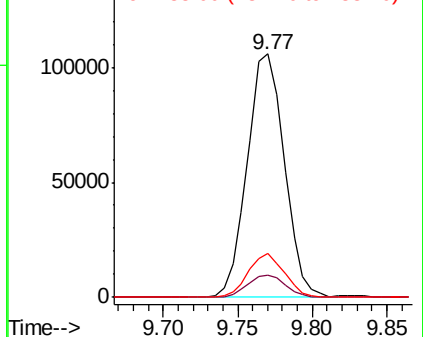
#25
Isophorone
Concen: 43.746 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

Tot Ion: 82 Resp: 182533
Ion Ratio Lower Upper
82 100
95 9.2 6.8 10.2
138 18.2 13.7 20.5

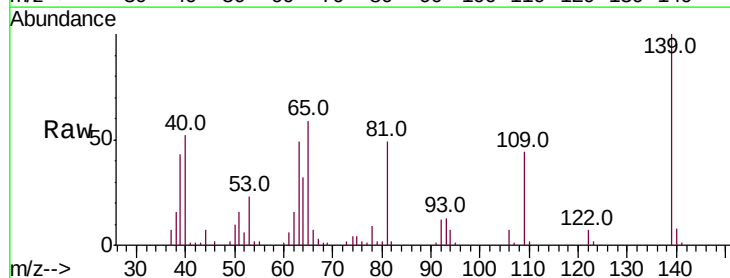


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

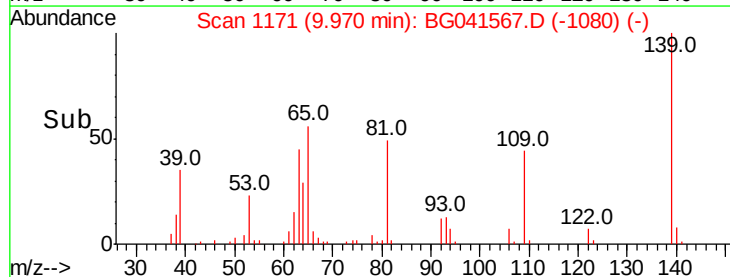
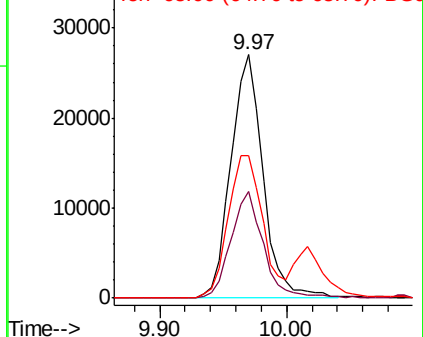


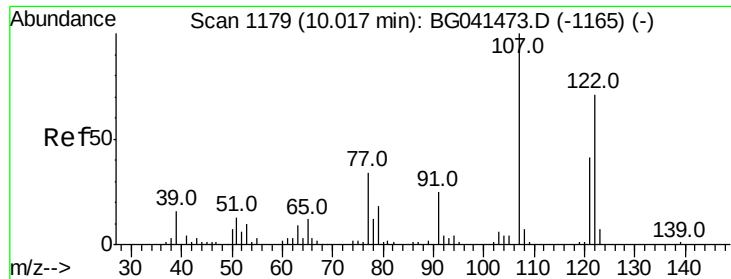
#26
2-Nitrophenol
Concen: 48.607 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion:139 Resp: 47354
Ion Ratio Lower Upper
139 100
109 43.9 38.6 57.8
65 58.6 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

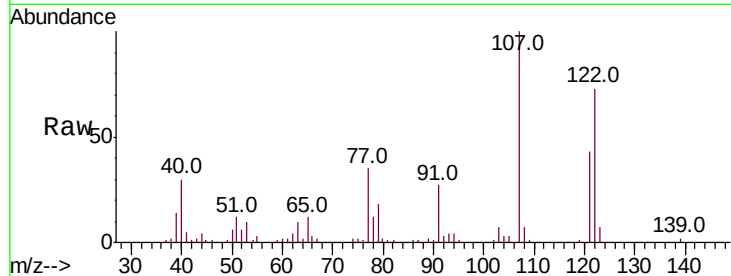




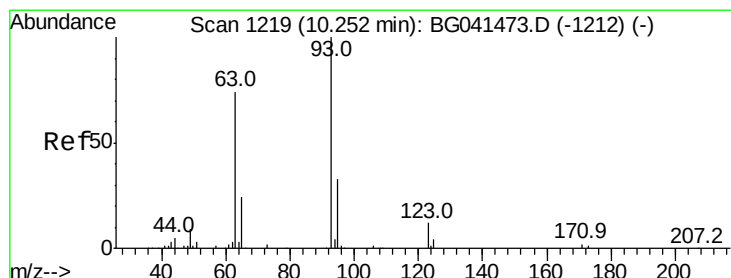
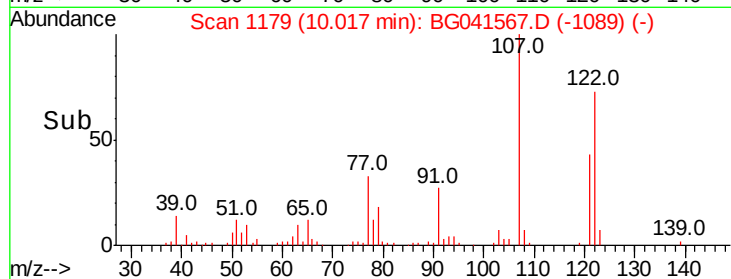
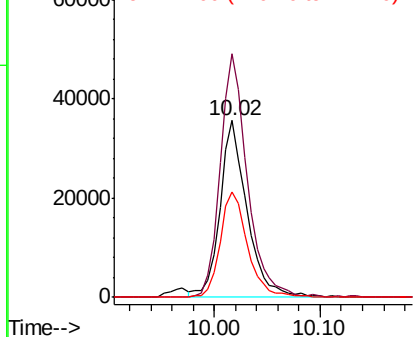
#27
 2,4-Dimethylphenol
 Concen: 46.798 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MS

Tot Ion:122 Resp: 63453
 Ion Ratio Lower Upper
 122 100
 107 137.9 112.9 169.3
 121 59.4 46.1 69.1

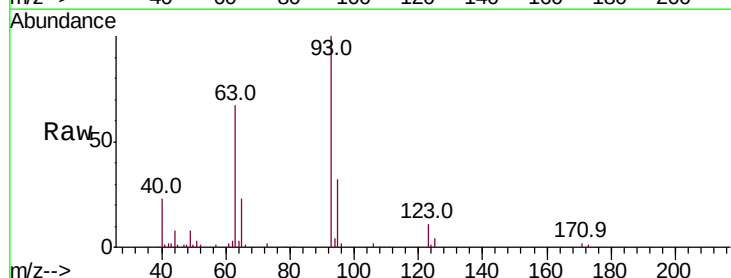


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

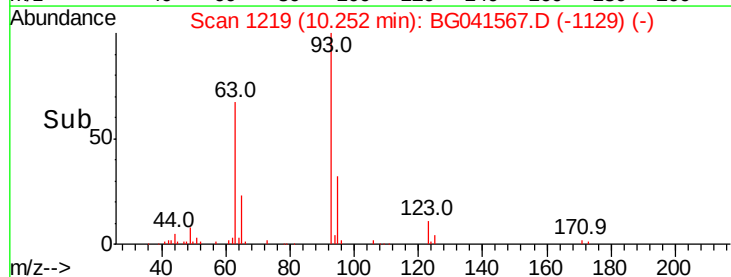
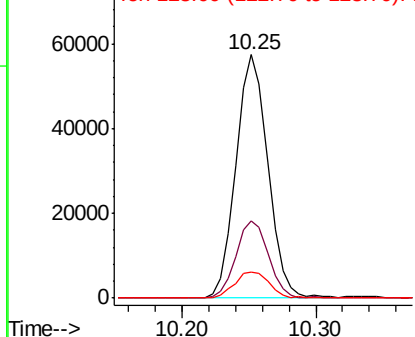


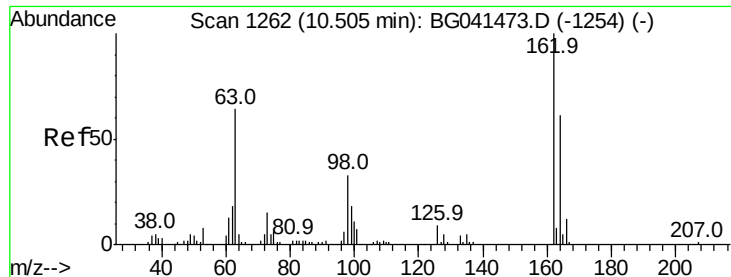
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.218 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Tgt Ion: 93 Resp: 95357
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.2 39.2
 123 10.7 9.6 14.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.973 ng

RT: 10.50 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

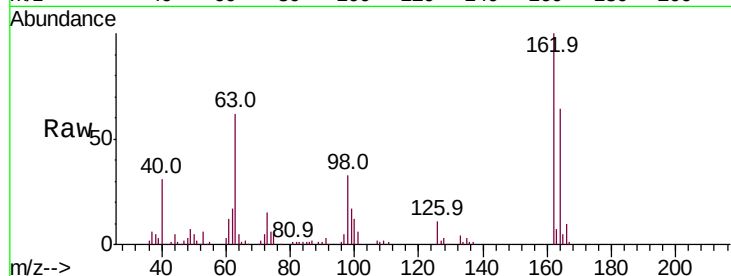
Tot Ion:162 Resp: 86028

Ion Ratio Lower Upper

162 100

164 63.6 41.3 81.3

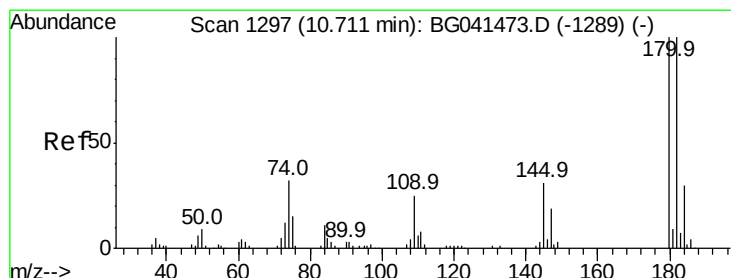
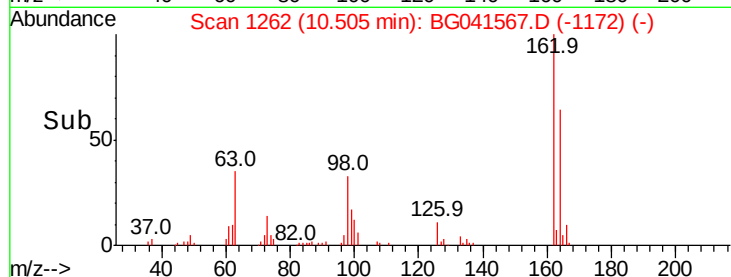
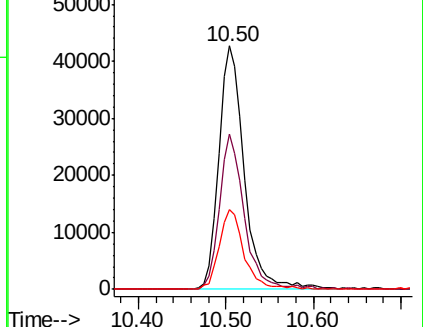
98 32.5 13.2 53.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 38.531 ng

RT: 10.71 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

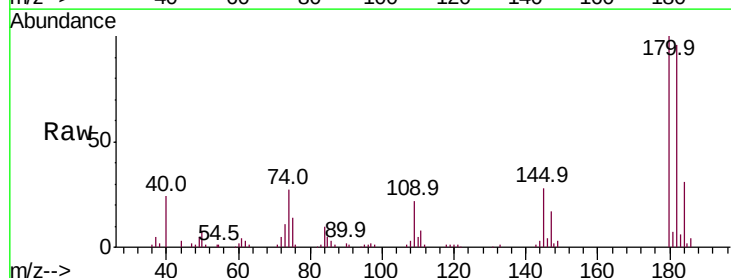
Tgt Ion:180 Resp: 90444

Ion Ratio Lower Upper

180 100

182 96.4 79.9 119.9

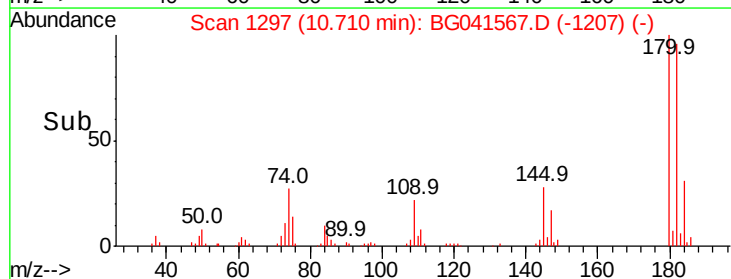
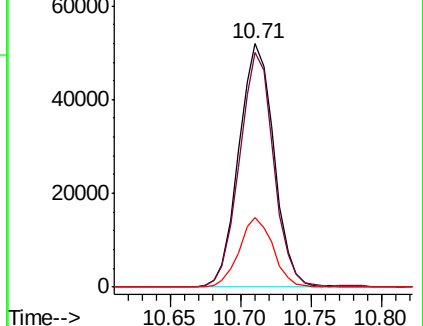
145 28.5 24.7 37.1

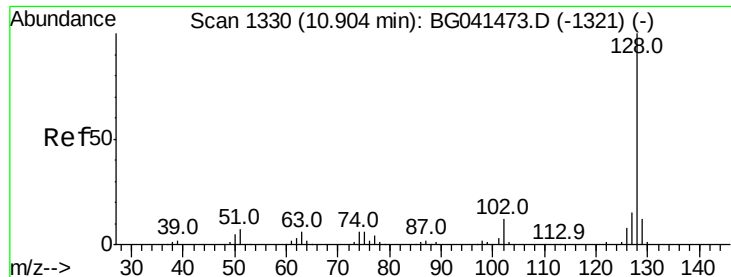


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

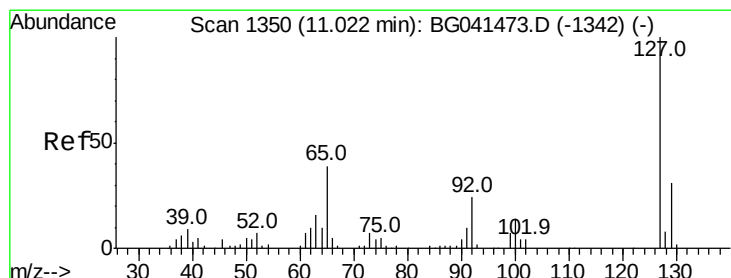
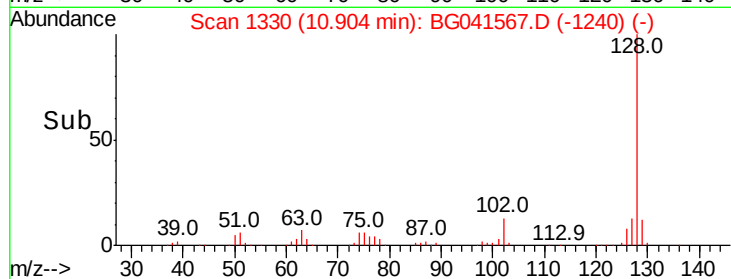
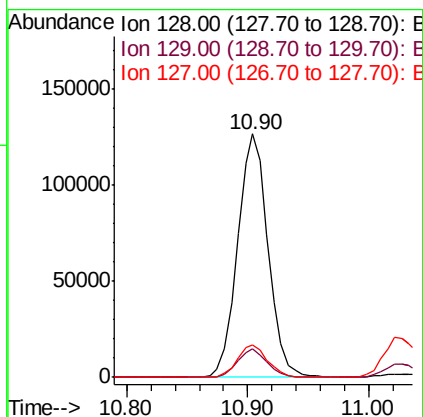
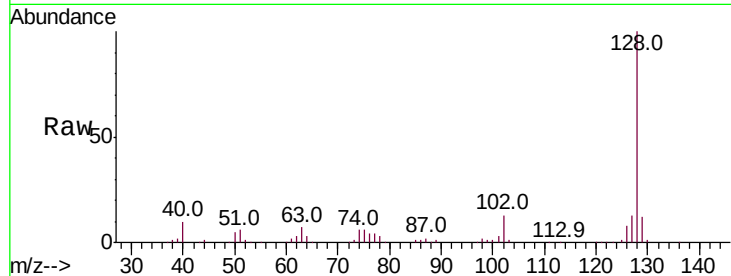




#31
Naphthalene
Concen: 41.409 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

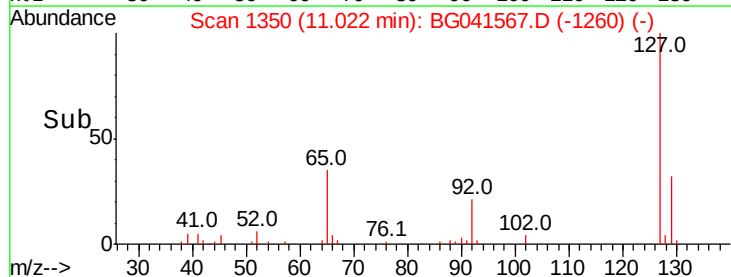
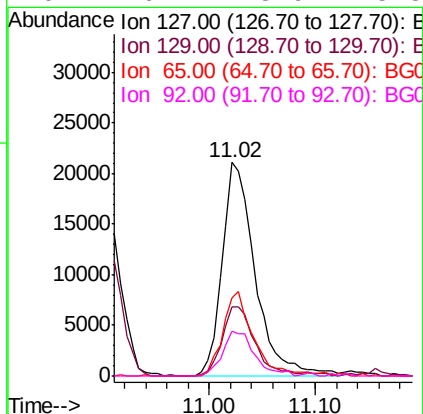
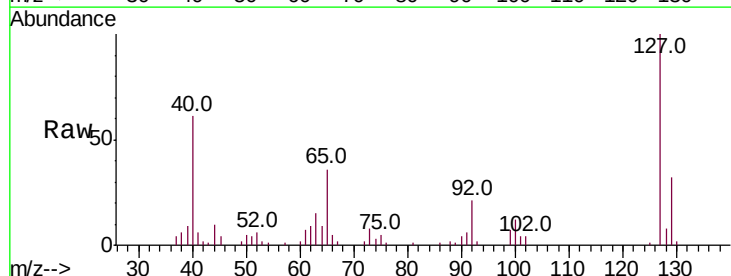
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

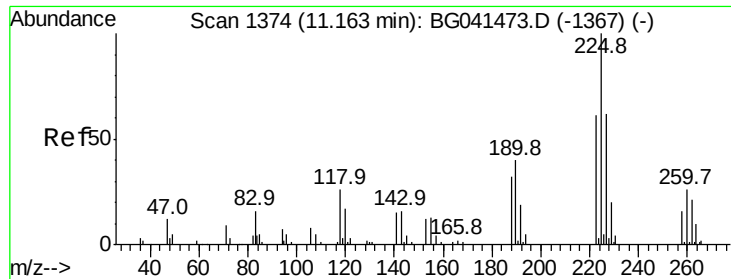
Tot Ion:128 Resp: 221972
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.2 11.6 17.4



#33
4-Chloroaniline
Concen: 20.283 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion:127 Resp: 45769
Ion Ratio Lower Upper
127 100
129 32.5 24.6 37.0
65 36.5 31.5 47.3
92 20.7 18.9 28.3





#34

Hexachlorobutadiene

Concen: 34.610 ng

RT: 11.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

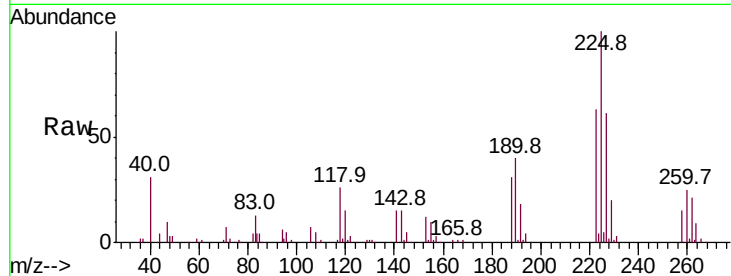
Tot Ion:225 Resp: 64488

Ion Ratio Lower Upper

225 100

223 63.3 48.6 72.8

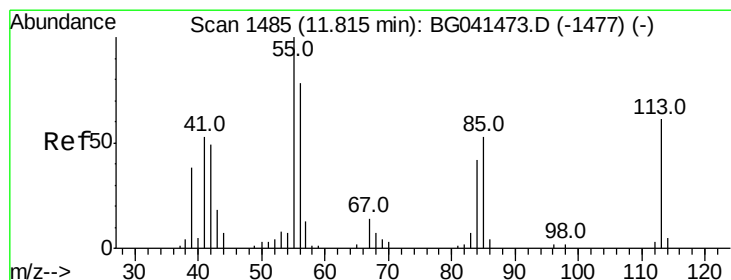
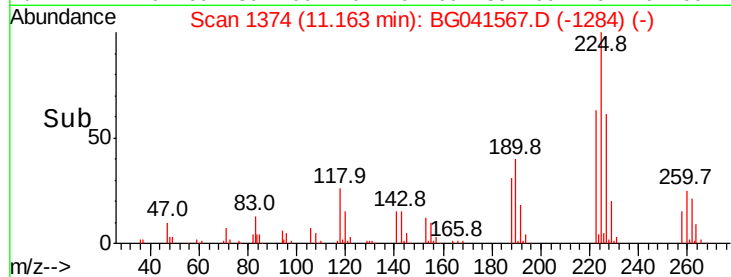
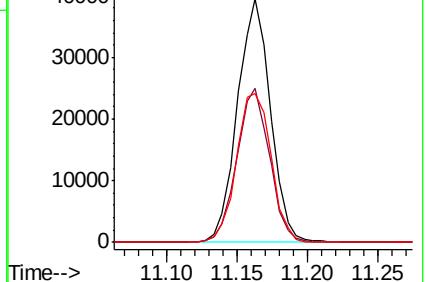
227 61.2 49.3 73.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 6.619 ng

RT: 11.83 min Scan# 1488

Delta R.T. 0.02 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

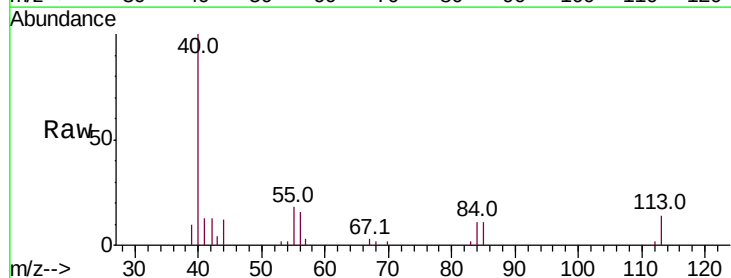
Tgt Ion:113 Resp: 3785

Ion Ratio Lower Upper

113 100

55 131.3 145.1 185.1#

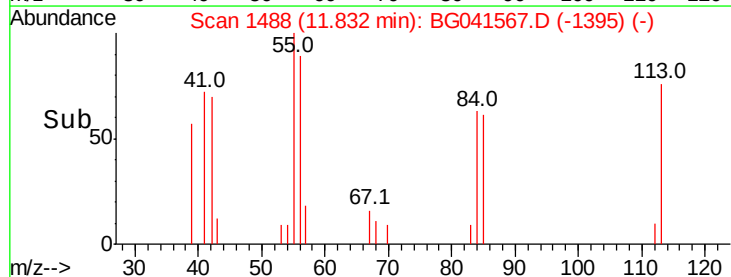
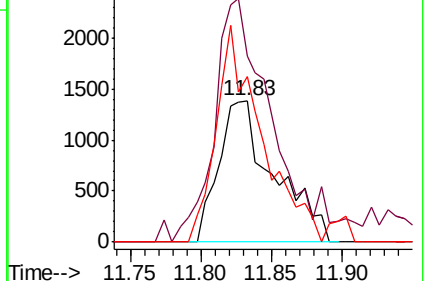
56 116.7 109.4 149.4

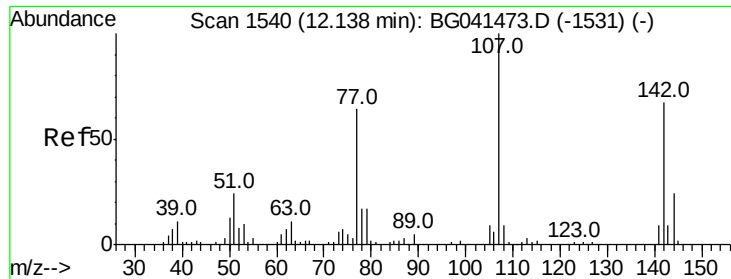


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG

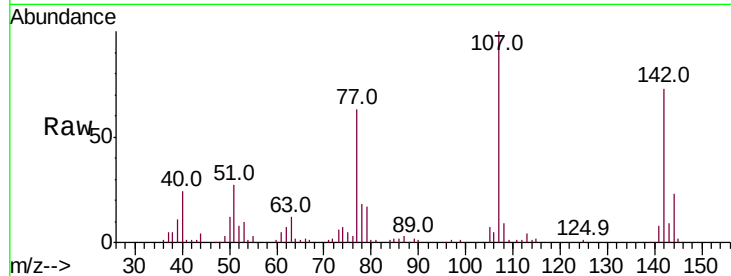




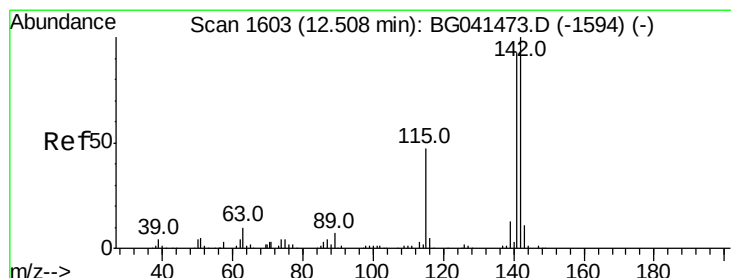
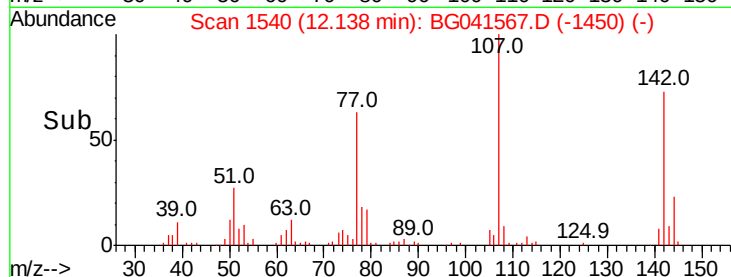
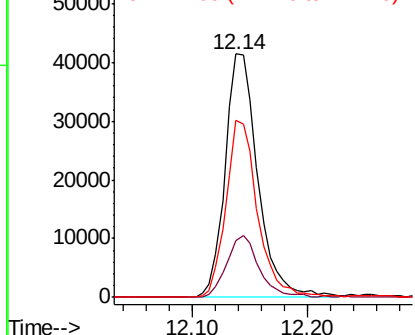
#36
4-Chloro-3-methylphenol
Concen: 41.019 ng
RT: 12.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

Tot Ion:107 Resp: 81396
Ion Ratio Lower Upper
107 100
144 23.2 19.4 29.0
142 72.5 53.8 80.6

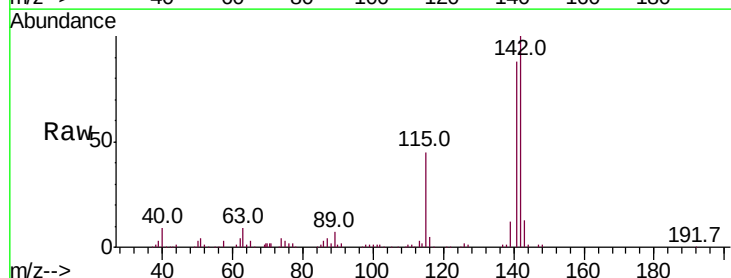


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

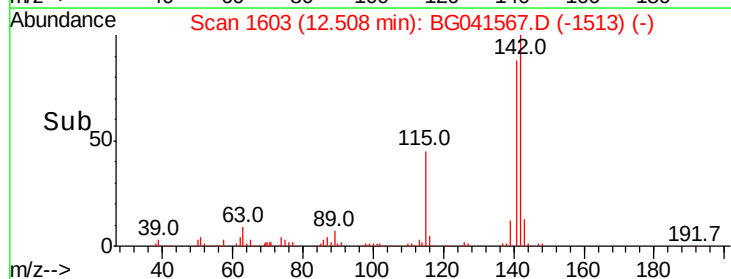
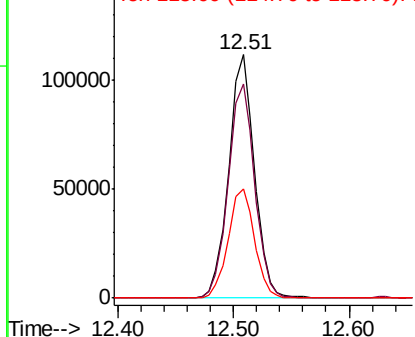


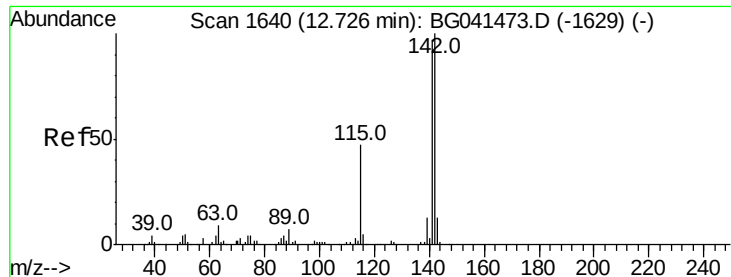
#37
2-Methylnaphthalene
Concen: 43.372 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion:142 Resp: 171761
Ion Ratio Lower Upper
142 100
141 87.9 74.8 112.2
115 44.9 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

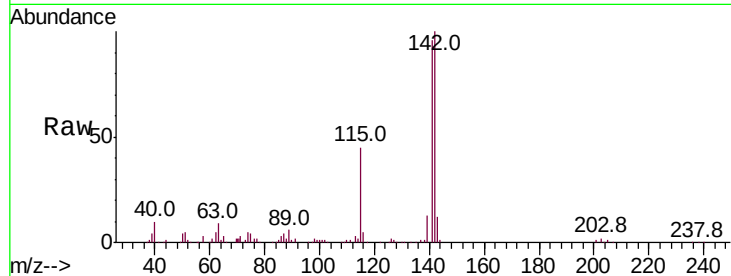




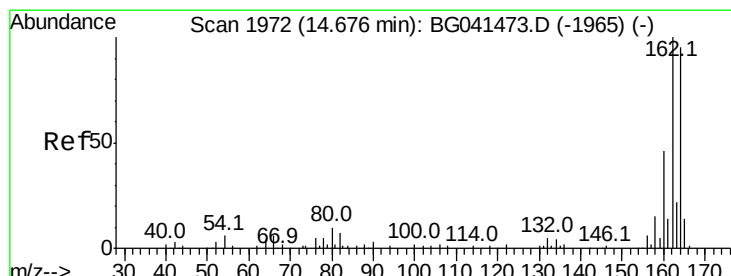
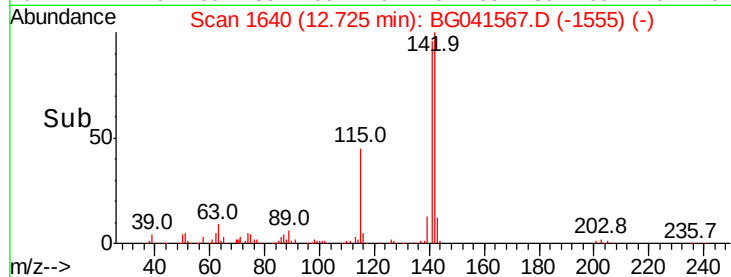
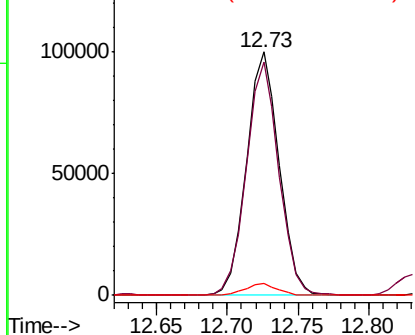
#38
1-Methylnaphthalene
Concen: 42.785 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

Tot Ion:142 Resp: 161646
Ion Ratio Lower Upper
142 100
141 95.8 77.4 116.2
116 5.0 3.8 5.8

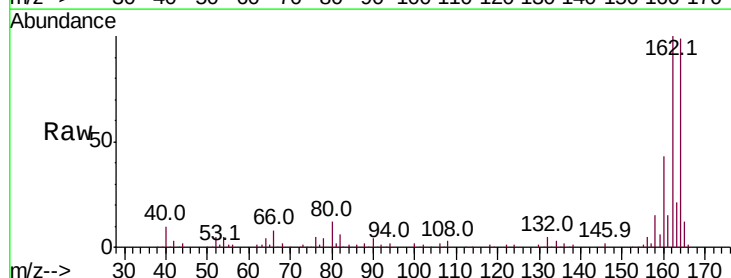


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

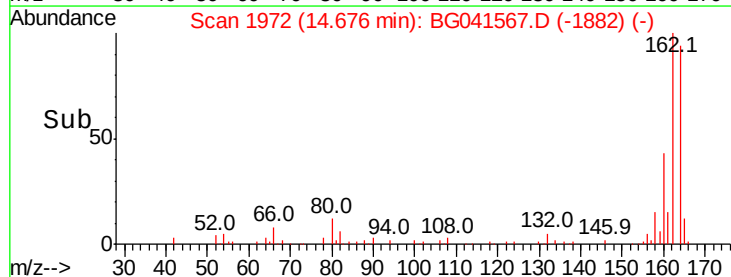
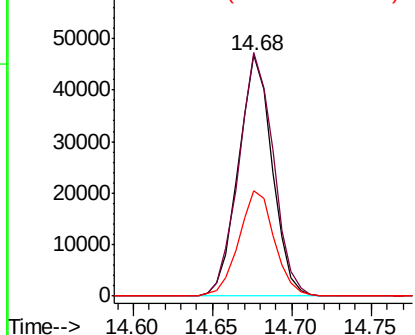


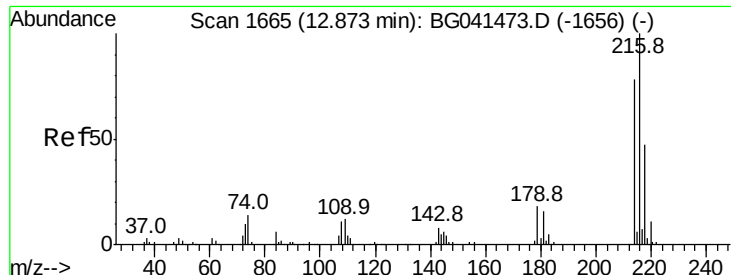
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion:164 Resp: 68947
Ion Ratio Lower Upper
164 100
162 101.1 84.4 126.6
160 43.6 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: 44.295 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

Tot Ion:216 Resp: 134478

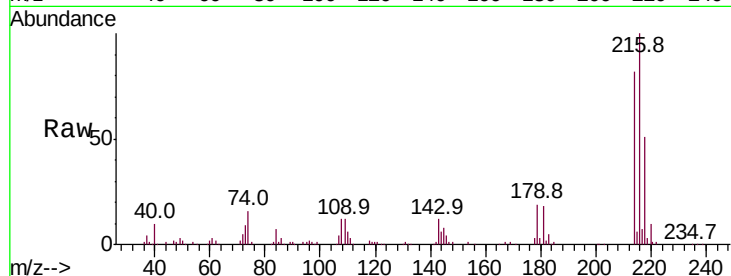
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 18.7 15.1 22.7

108 12.5 11.7 17.5

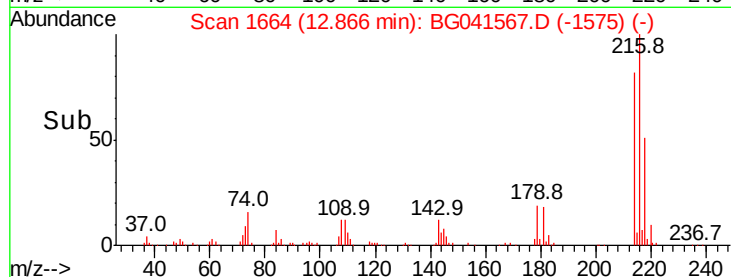


Abundance Ion 216.00 (215.70 to 216.70): E

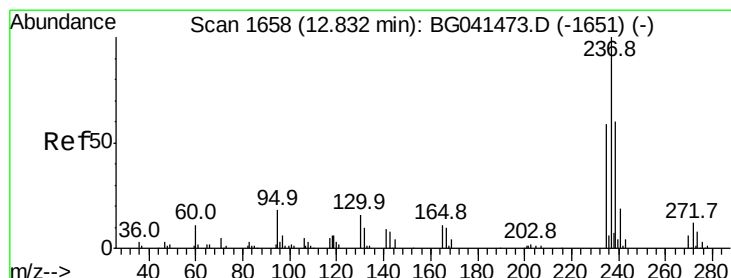
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

Hexachlorocyclopentadiene

Concen: 82.737 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

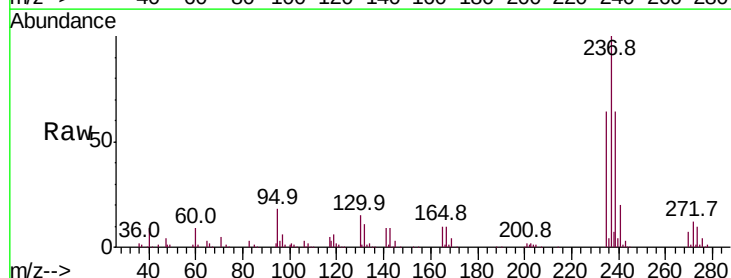
Tgt Ion:237 Resp: 136499

Ion Ratio Lower Upper

237 100

235 63.8 39.1 79.1

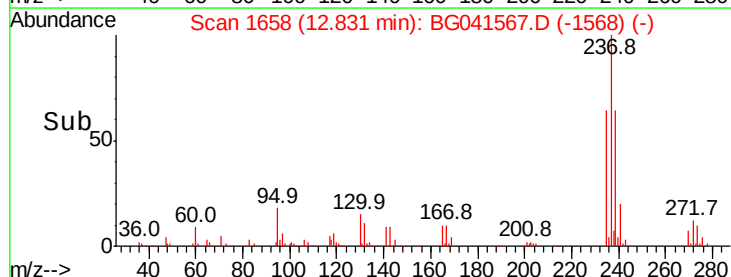
272 12.2 0.0 31.5



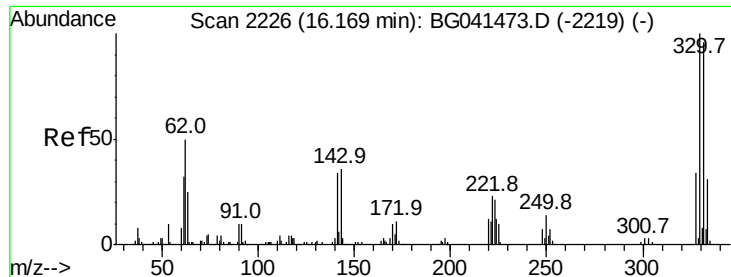
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



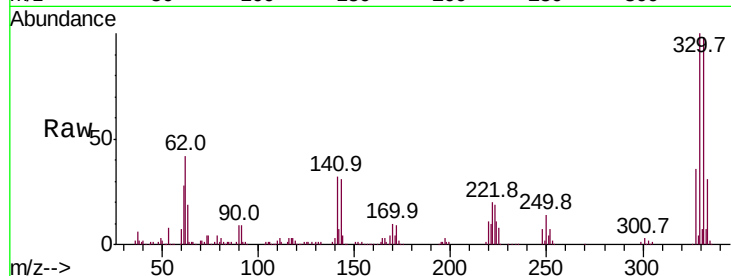
Time-->



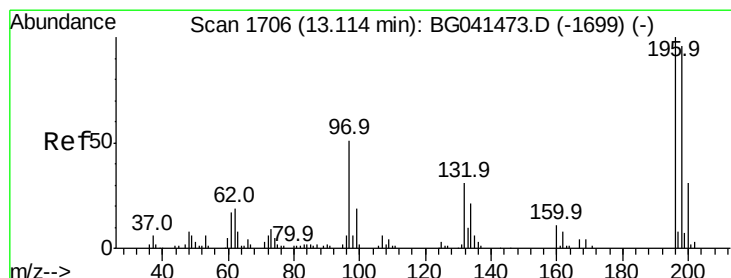
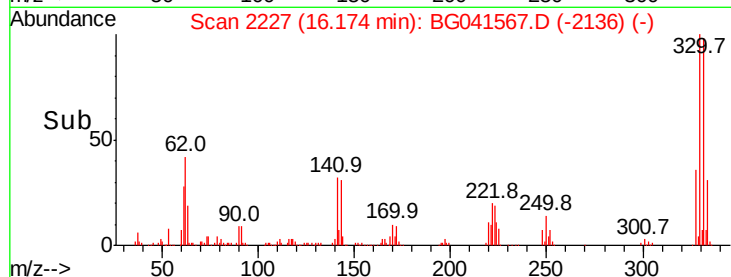
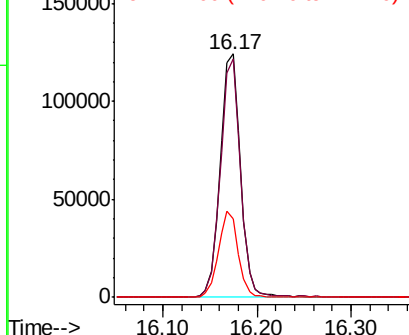
#42
 2,4,6-Tribromophenol
 Concen: 159.343 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. 0.01 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MS

Tot Ion:330 Resp: 187582
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.5 113.3
 141 34.6 27.8 41.6

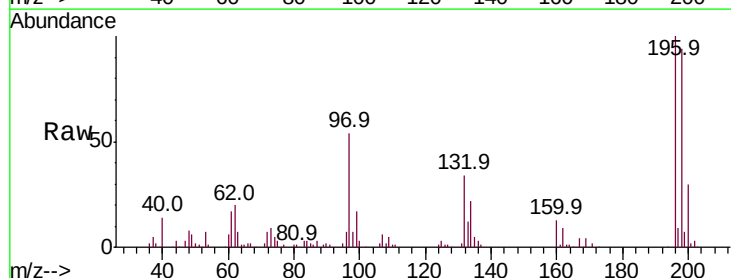


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

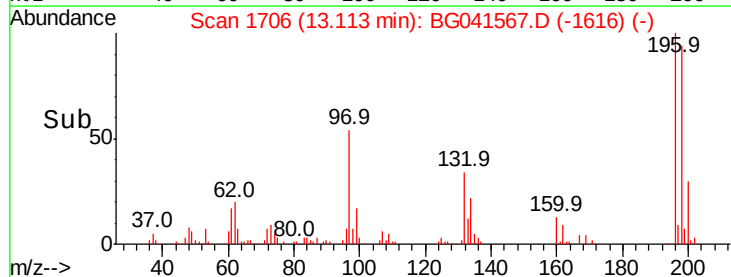
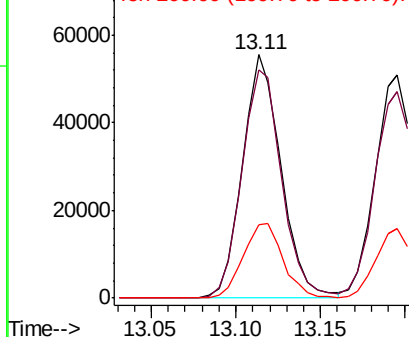


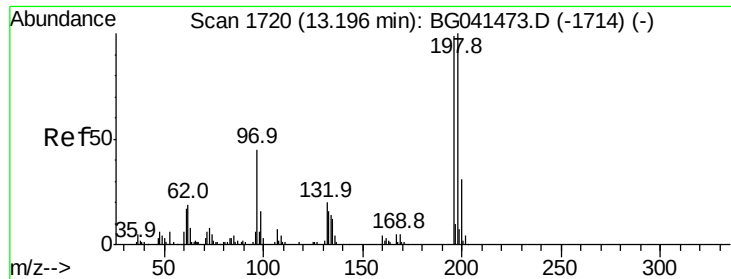
#43
 2,4,6-Trichlorophenol
 Concen: 49.033 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Tgt Ion:196 Resp: 88322
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.7 115.1
 200 30.0 24.4 36.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

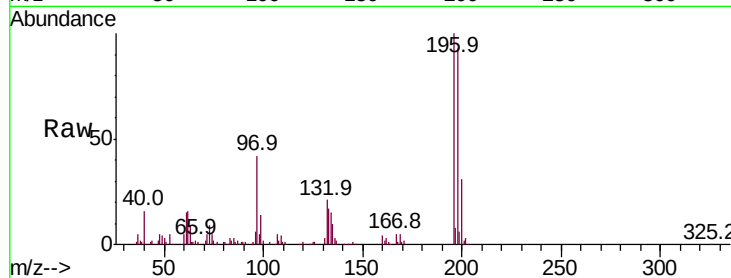




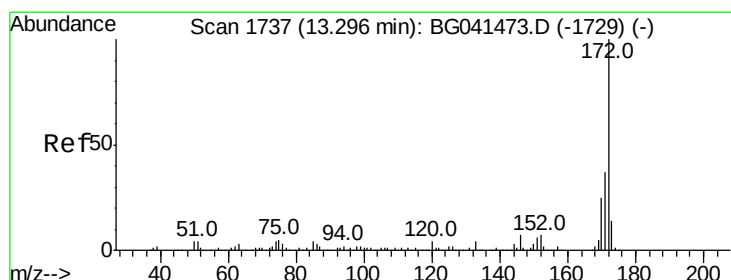
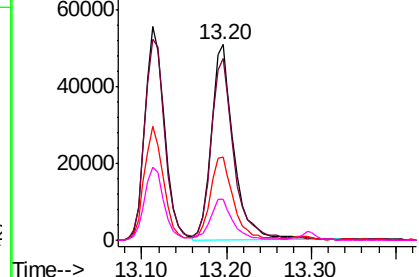
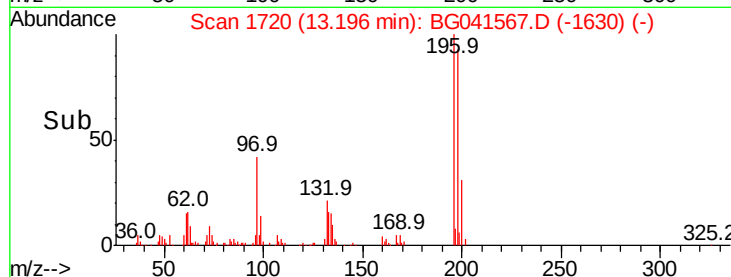
#44
2,4,5-Trichlorophenol
Concen: 52.867 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

Tot Ion:196 Resp: 94871
Ion Ratio Lower Upper
196 100
198 92.8 80.5 120.7
97 42.4 36.5 54.7
132 21.2 16.7 25.1

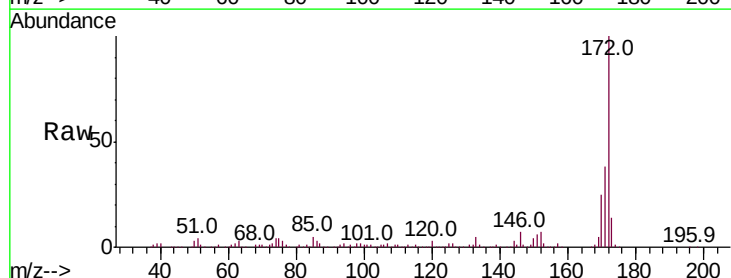


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

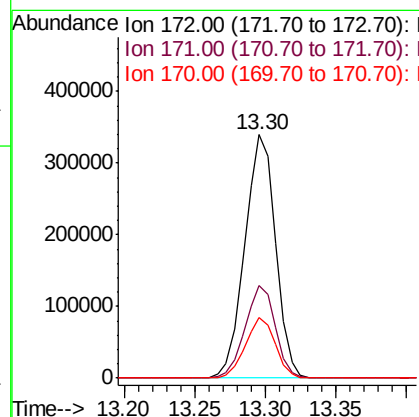
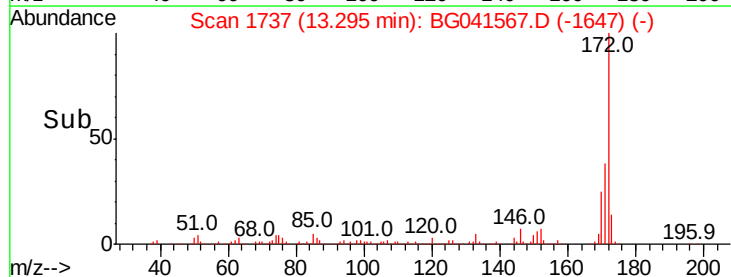


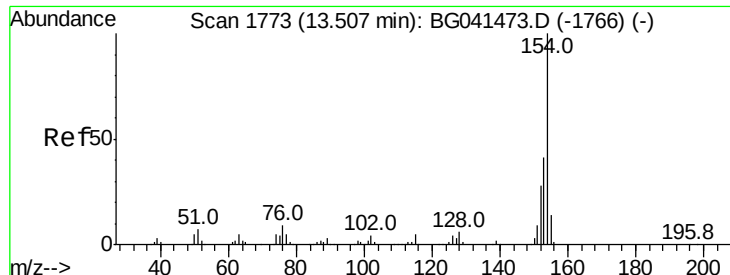
#45
2-Fluorobiphenyl
Concen: 96.273 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion:172 Resp: 517255
Ion Ratio Lower Upper
172 100
171 38.3 29.6 44.4
170 25.1 20.0 30.0



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 44.734 ng

RT: 13.51 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

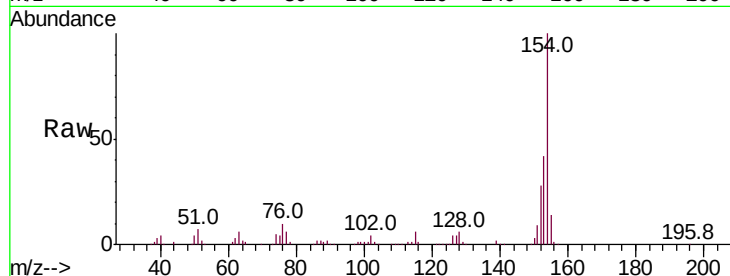
Tot Ion:154 Resp: 243469

Ion Ratio Lower Upper

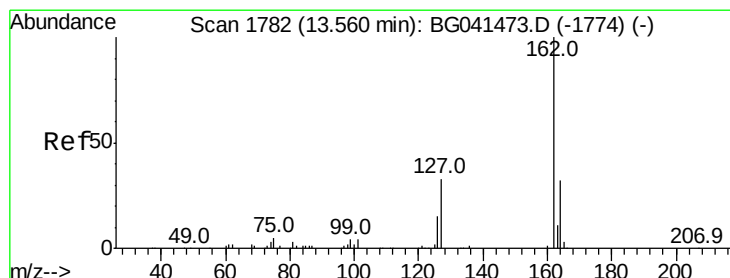
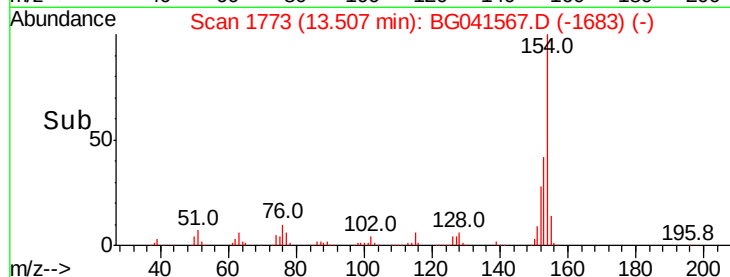
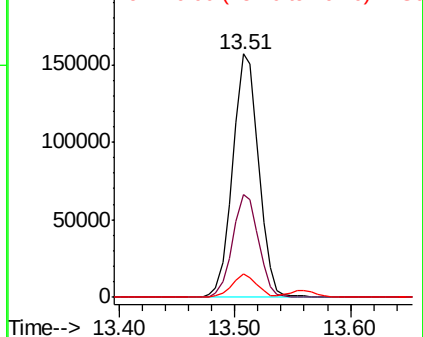
154 100

153 42.2 20.9 60.9

76 9.9 0.0 29.4



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



#47

2-Chloronaphthalene

Concen: 42.656 ng

RT: 13.56 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

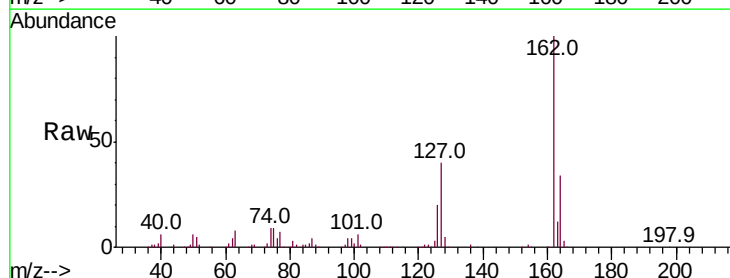
Tgt Ion:162 Resp: 199315

Ion Ratio Lower Upper

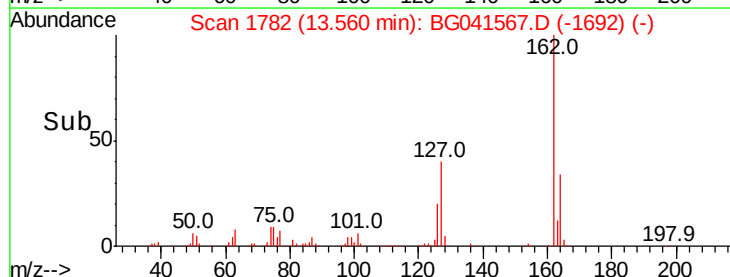
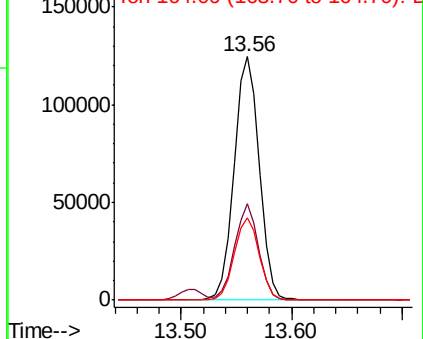
162 100

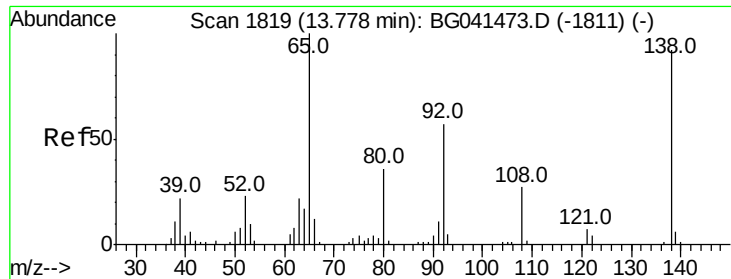
127 39.6 30.0 45.0

164 33.8 25.8 38.6



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

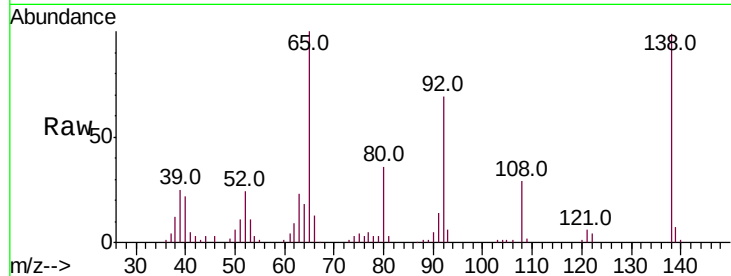




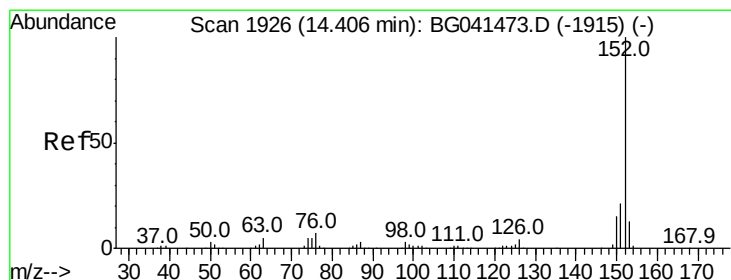
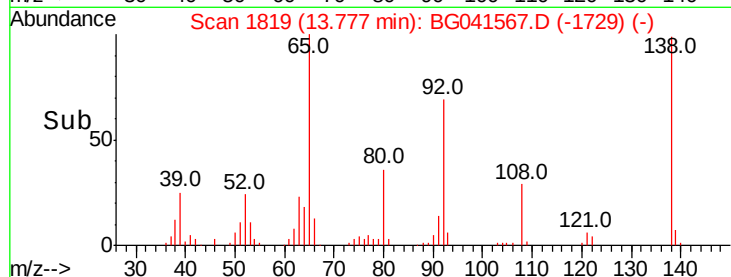
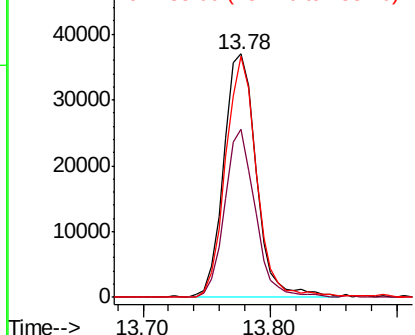
#48
2-Nitroaniline
Concen: 41.559 ng
RT: 13.78 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

Tot Ion: 65 Resp: 65828
Ion Ratio Lower Upper
65 100
92 69.1 45.9 68.9#
138 98.8 73.4 110.2

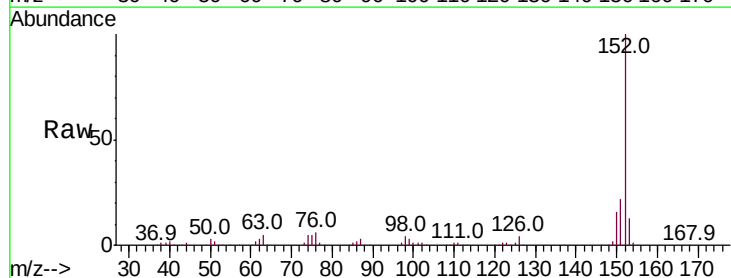


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

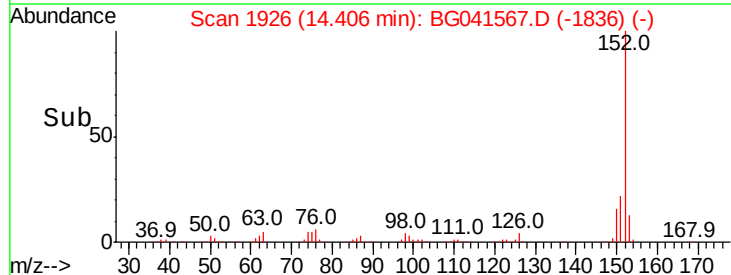
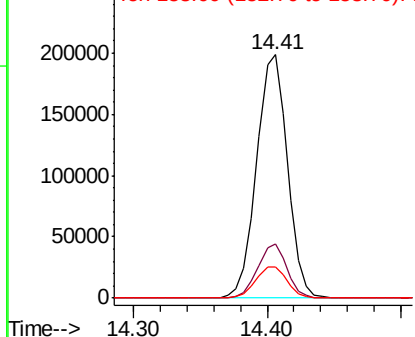


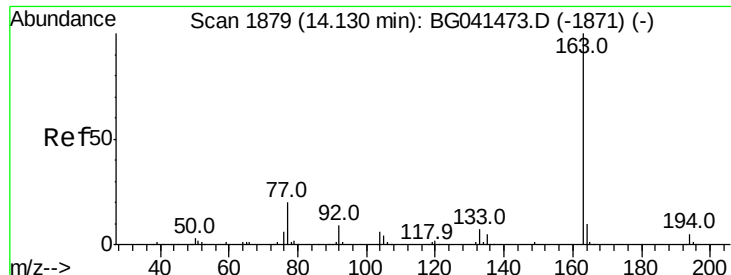
#49
Acenaphthylene
Concen: 45.278 ng
RT: 14.41 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion: 152 Resp: 316229
Ion Ratio Lower Upper
152 100
151 22.1 16.7 25.1
153 12.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#50

Dimethylphthalate

Concen: 45.378 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

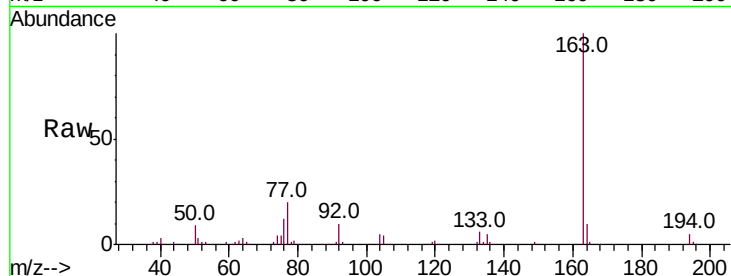
Tot Ion:163 Resp: 284716

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

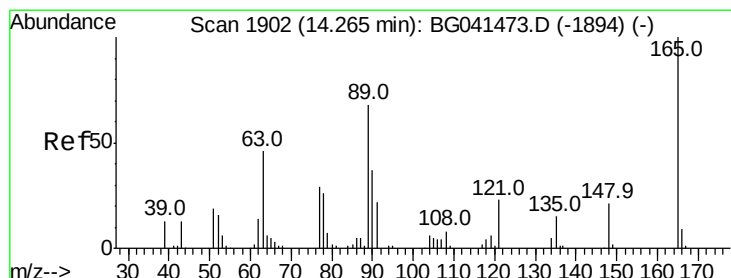
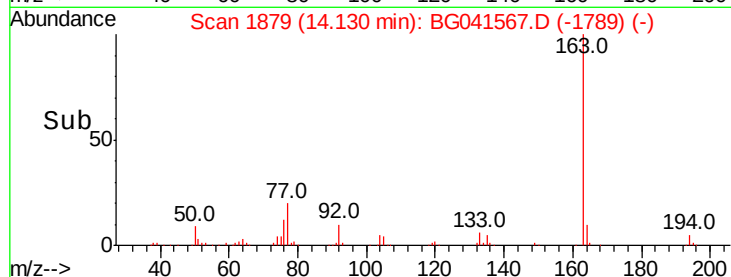
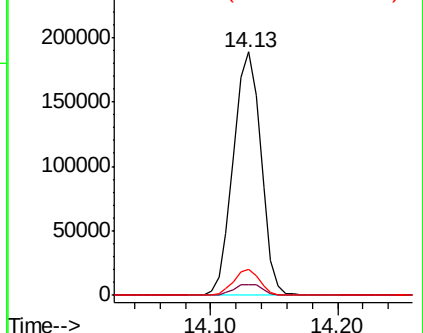
164 10.4 7.8 11.6



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: 45.191 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

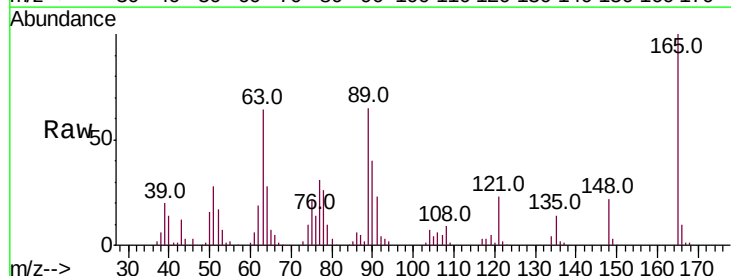
Tgt Ion:165 Resp: 60172

Ion Ratio Lower Upper

165 100

63 64.2 56.4 84.6

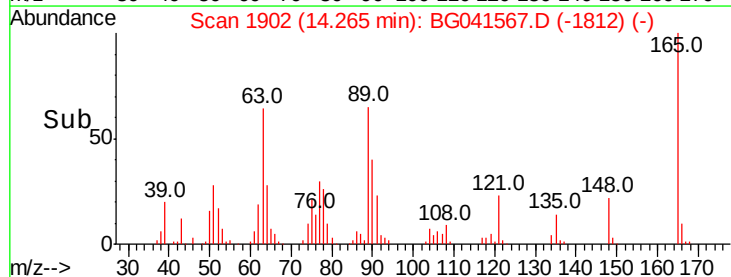
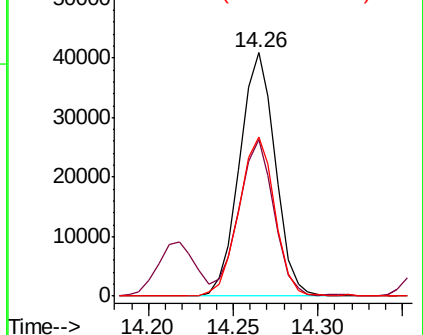
89 65.4 54.6 81.8

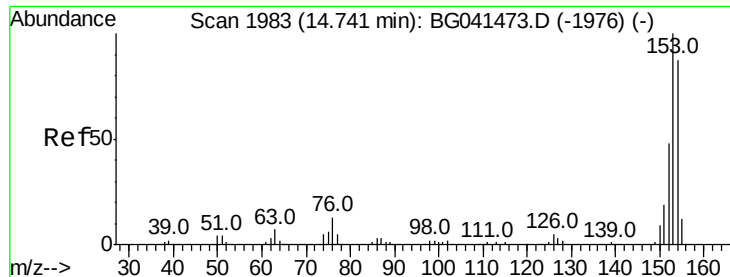


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 44.030 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

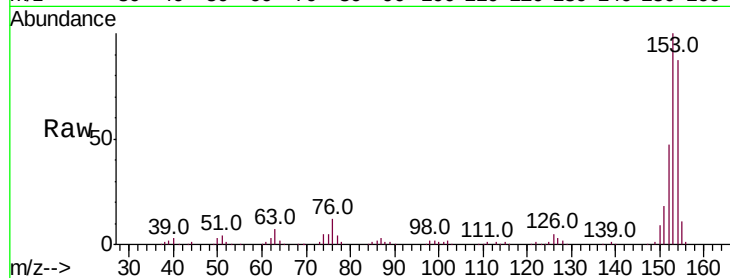
Tot Ion:154 Resp: 182356

Ion Ratio Lower Upper

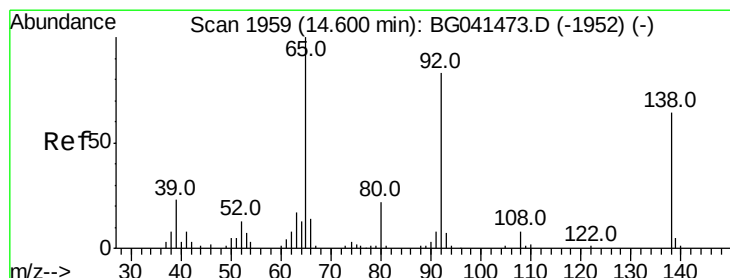
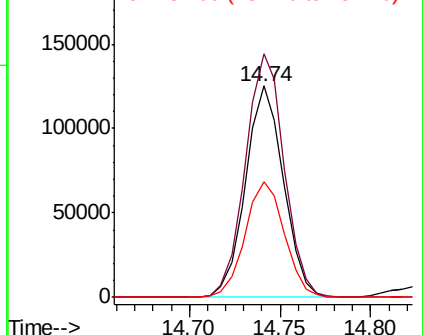
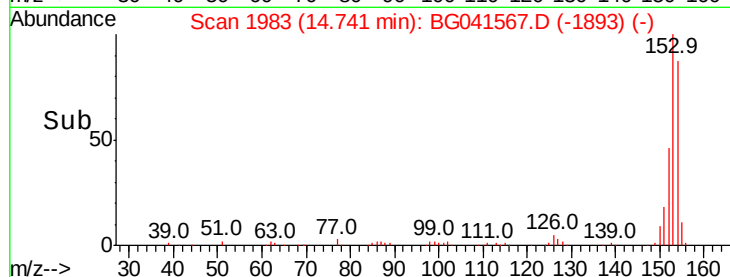
154 100

153 115.3 92.2 138.4

152 54.6 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: 20.509 ng

RT: 14.61 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

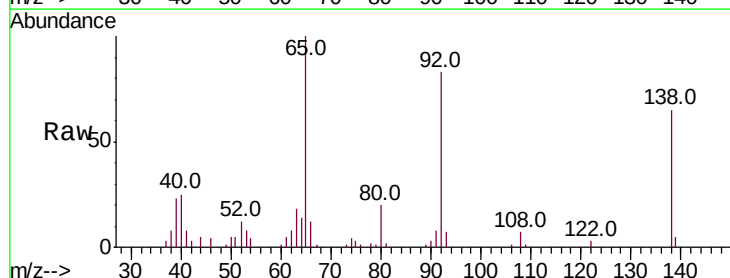
Tgt Ion:138 Resp: 26069

Ion Ratio Lower Upper

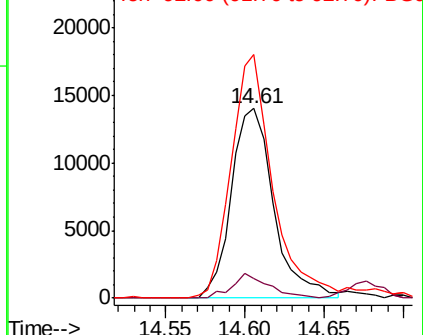
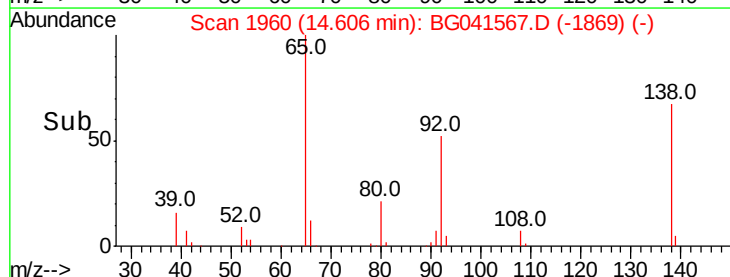
138 100

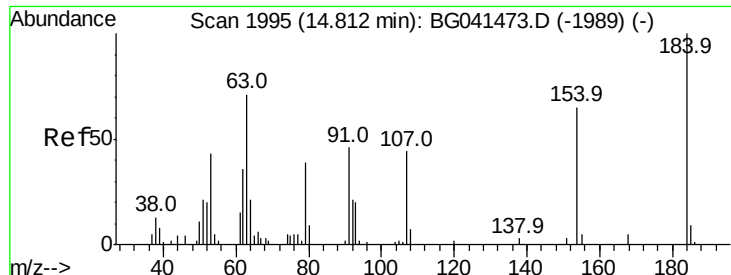
108 10.4 9.5 14.3

92 128.5 103.3 154.9



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): BGC





#54

2,4-Dinitrophenol

Concen: 34.275 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

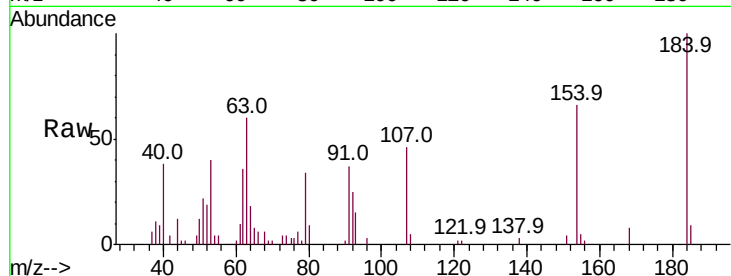
Tot Ion:184 Resp: 25793

Ion Ratio Lower Upper

184 100

63 59.9 56.5 84.7

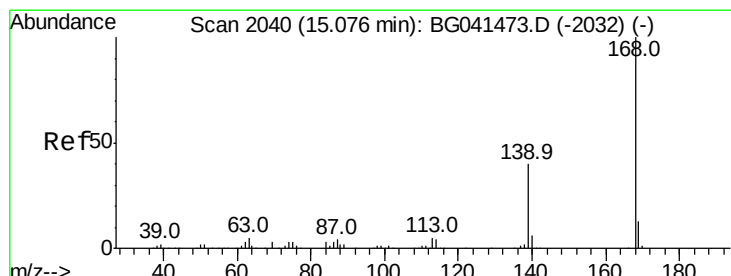
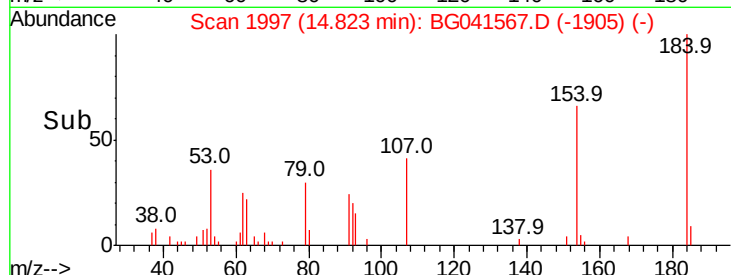
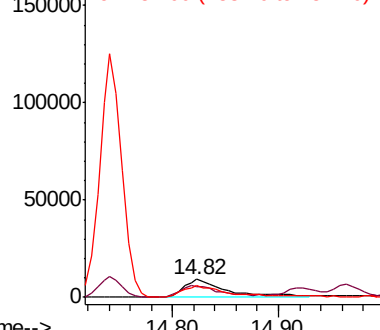
154 66.2 54.2 81.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 45.729 ng

RT: 15.08 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

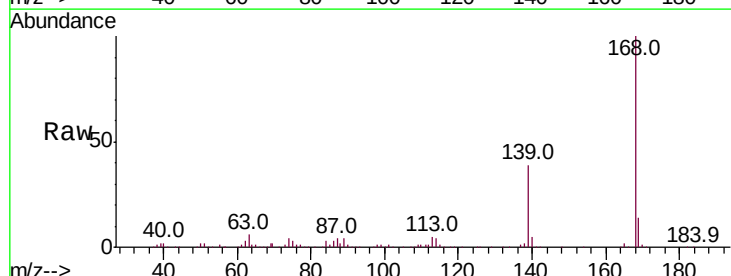
Tgt Ion:168 Resp: 329714

Ion Ratio Lower Upper

168 100

139 39.5 32.2 48.4

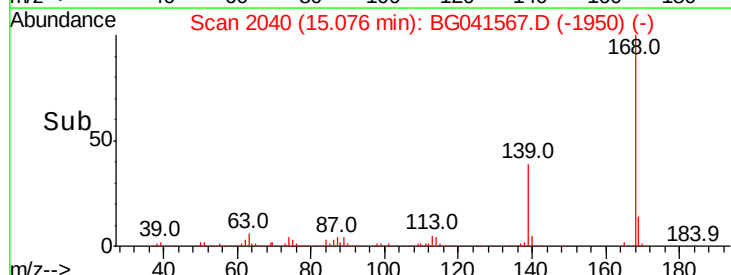
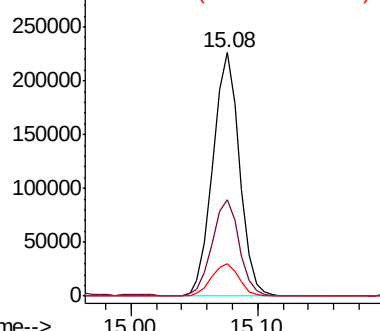
169 13.5 10.6 16.0

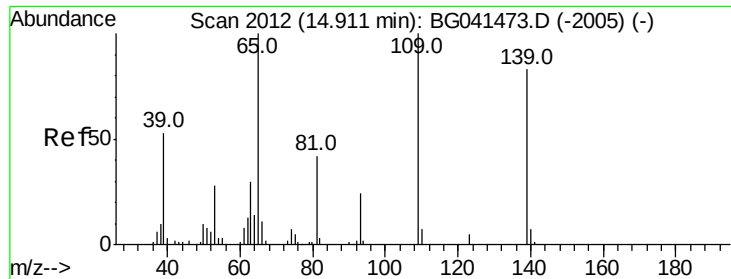


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

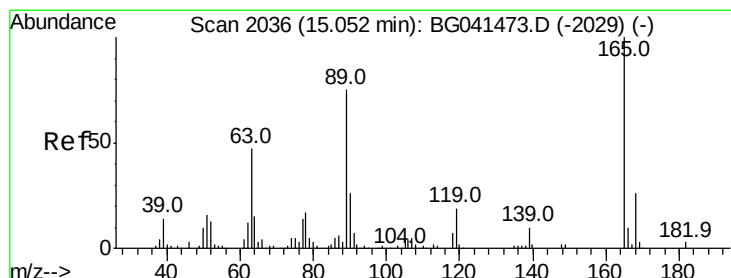
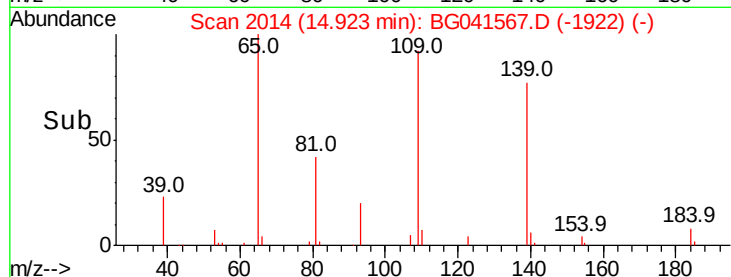
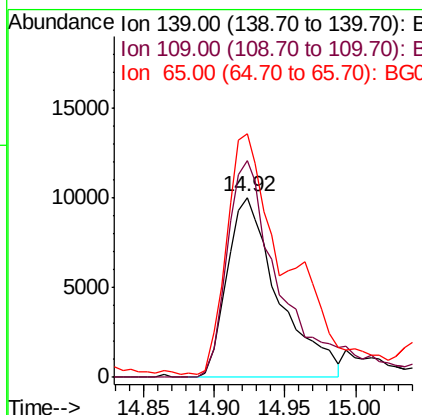
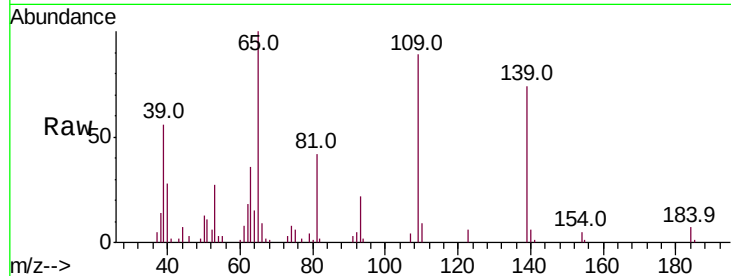




#56
4-Nitrophenol
Concen: 30.952 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

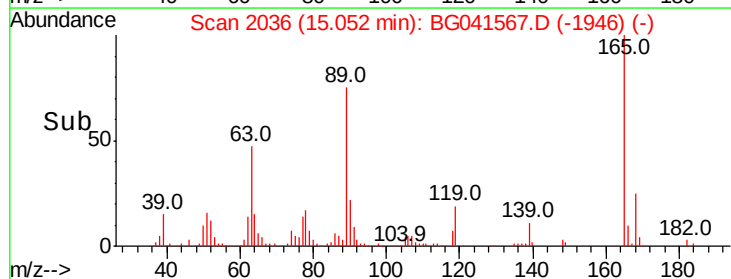
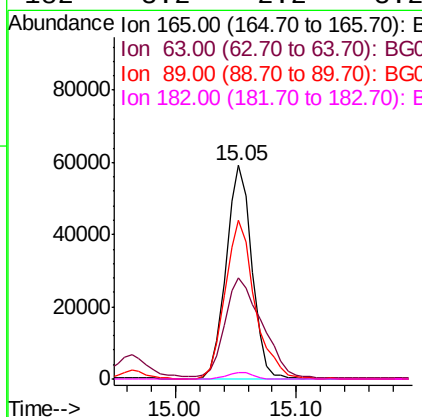
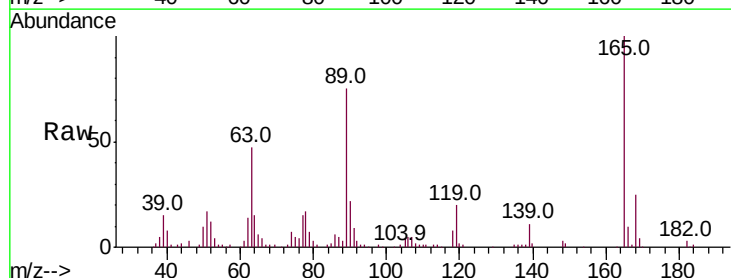
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

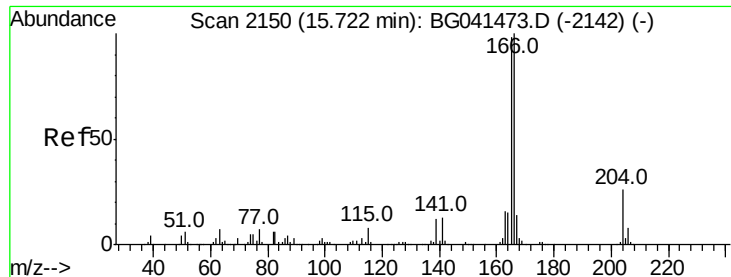
Tot Ion:139 Resp: 25391
Ion Ratio Lower Upper
139 100
109 120.1 99.9 139.9
65 135.2 100.6 140.6



#57
2,4-Dinitrotoluene
Concen: 45.408 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion:165 Resp: 87713
Ion Ratio Lower Upper
165 100
63 47.1 38.8 58.2
89 74.5 60.1 90.1
182 3.2 2.2 3.2#

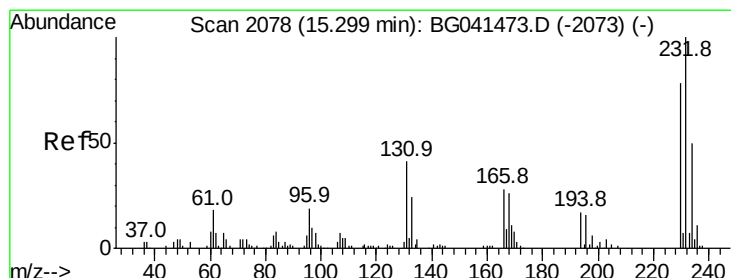
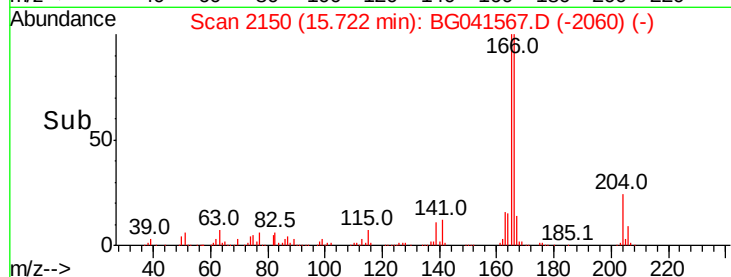
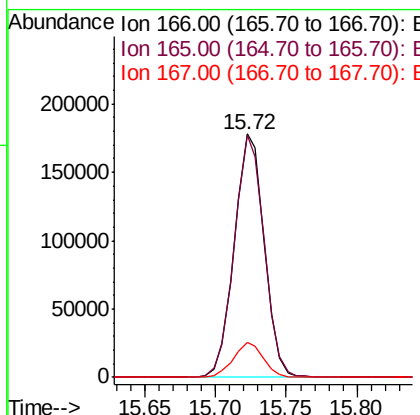
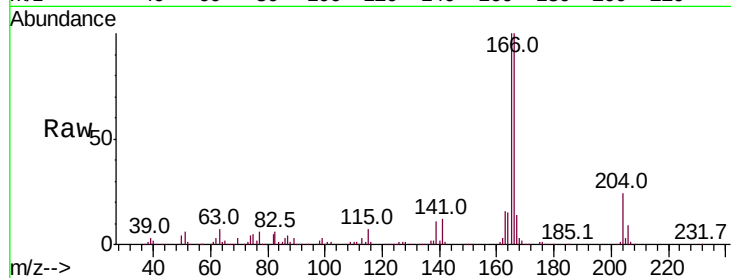




#58
 Fluorene
 Concen: 45.782 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

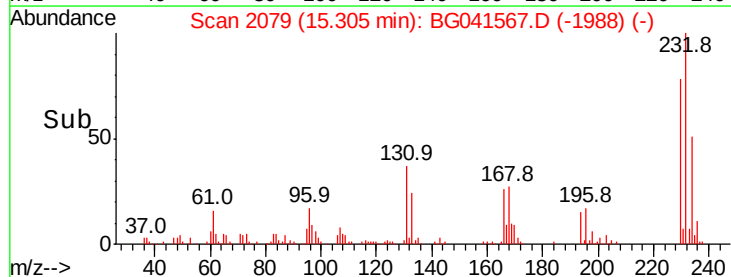
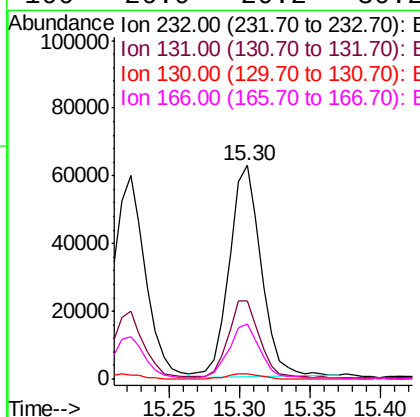
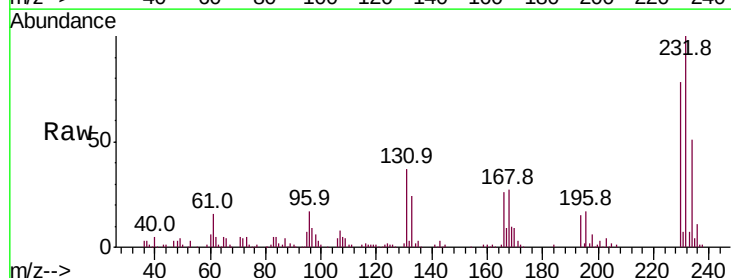
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MS

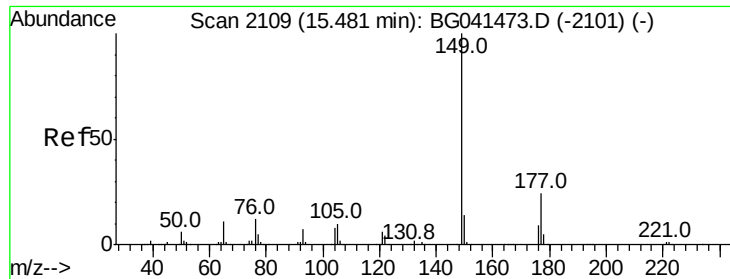
Tot Ion:166 Resp: 262608
 Ion Ratio Lower Upper
 166 100
 165 99.7 78.6 117.8
 167 14.5 11.4 17.0



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.710 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. 0.01 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Tgt Ion:232 Resp: 97824
 Ion Ratio Lower Upper
 232 100
 131 38.8 29.8 44.6
 130 2.6 2.0 3.0
 166 26.9 20.2 30.2

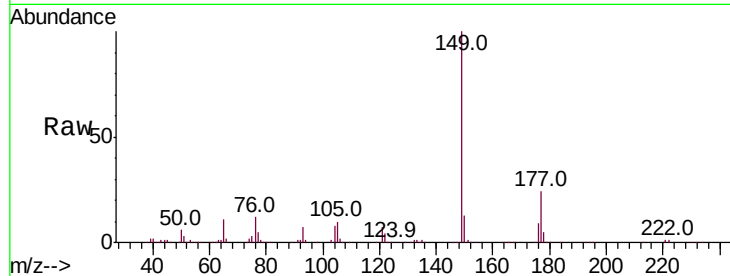




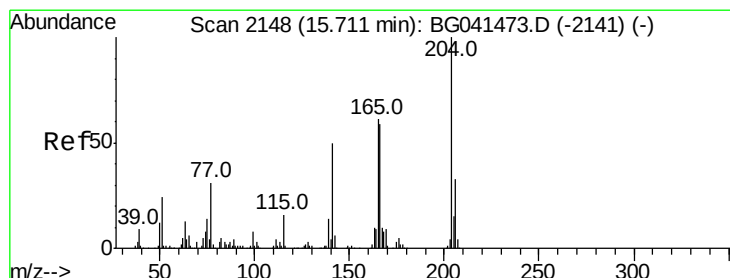
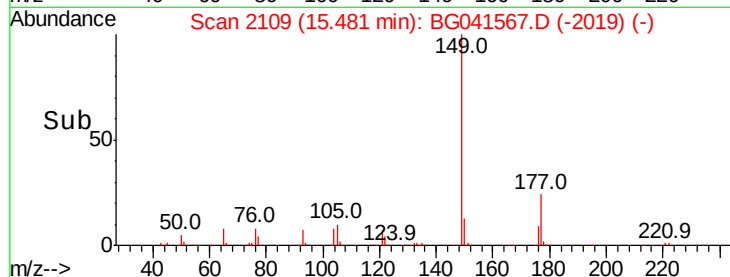
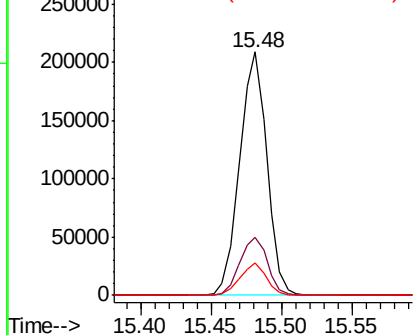
#60
Diethylphthalate
Concen: 43.690 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

Tot Ion:149 Resp: 280596
Ion Ratio Lower Upper
149 100
177 23.7 19.2 28.8
150 13.1 11.2 16.8

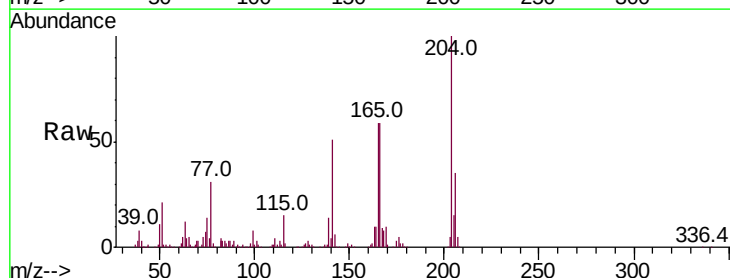


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

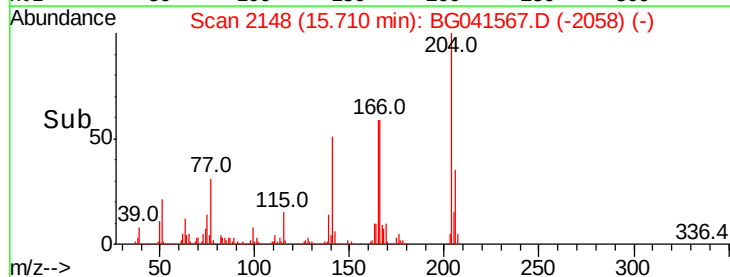
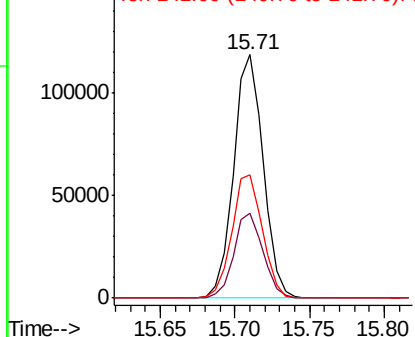


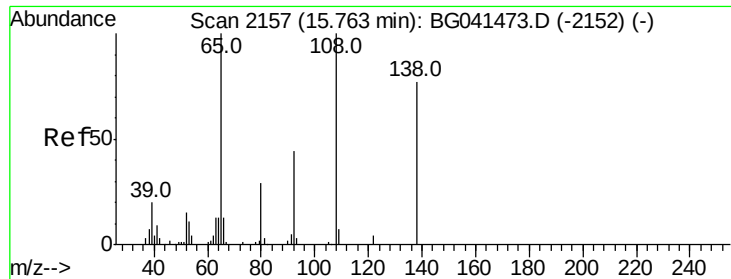
#61
4-Chlorophenyl-phenylether
Concen: 44.297 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion:204 Resp: 163892
Ion Ratio Lower Upper
204 100
206 34.7 26.6 40.0
141 50.7 40.1 60.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

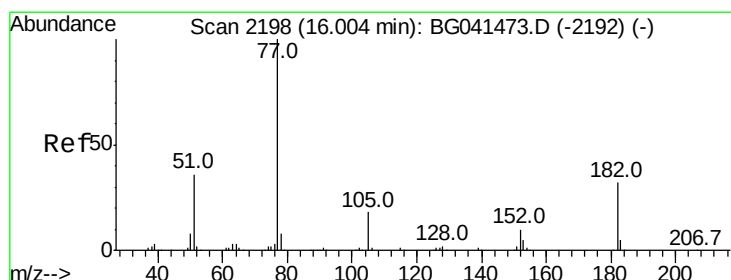
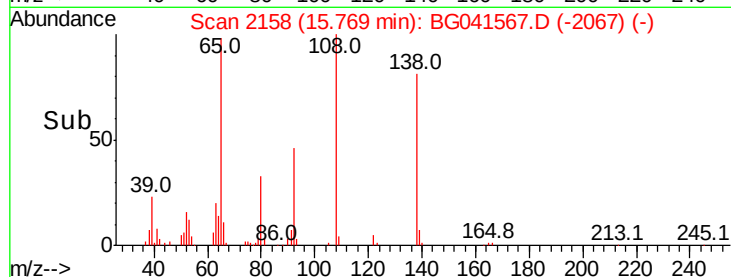
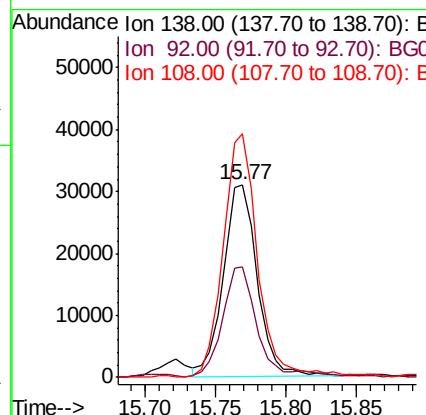
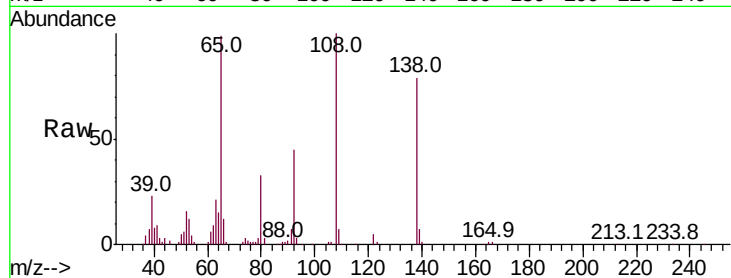




#62
4-Nitroaniline
Concen: 41.587 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

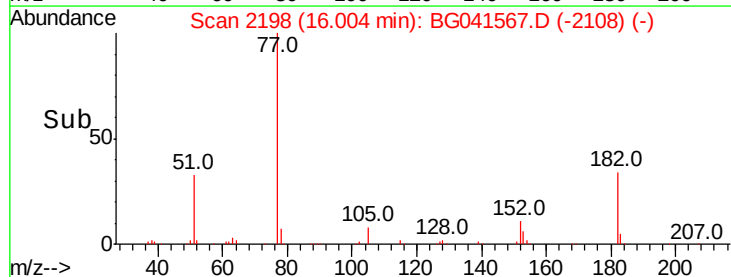
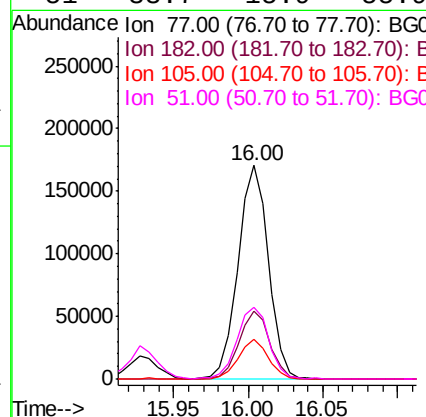
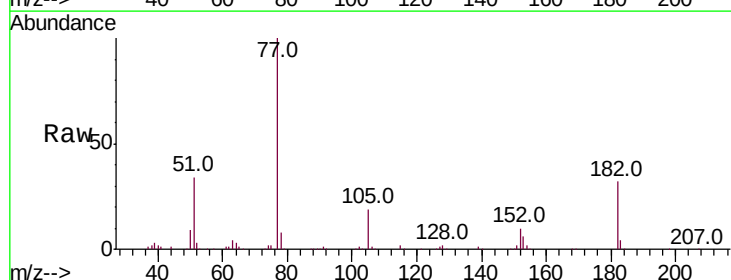
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

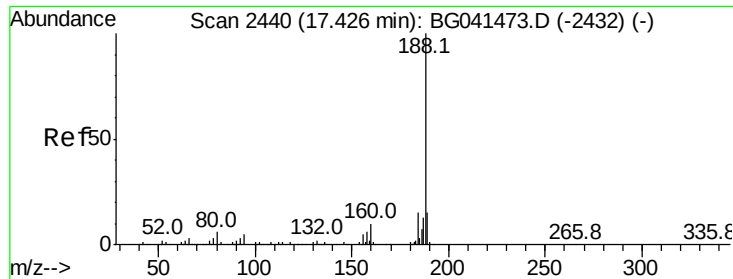
Tot Ion:138 Resp: 51520
Ion Ratio Lower Upper
138 100
92 57.3 34.9 74.9
108 126.5 105.5 145.5



#63
Azobenzene
Concen: 44.524 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion: 77 Resp: 241089
Ion Ratio Lower Upper
77 100
182 32.0 12.2 52.2
105 18.6 0.0 38.1
51 33.7 15.9 55.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

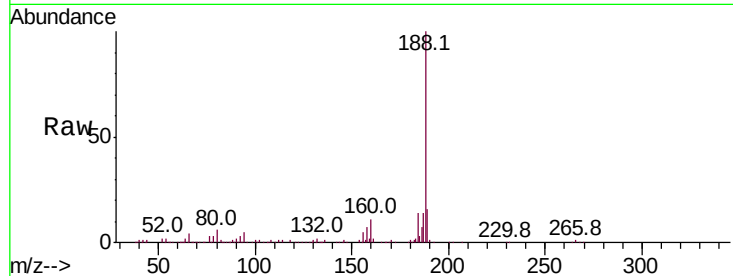
Tot Ion:188 Resp: 179740

Ion Ratio Lower Upper

188 100

94 4.6 3.8 5.8

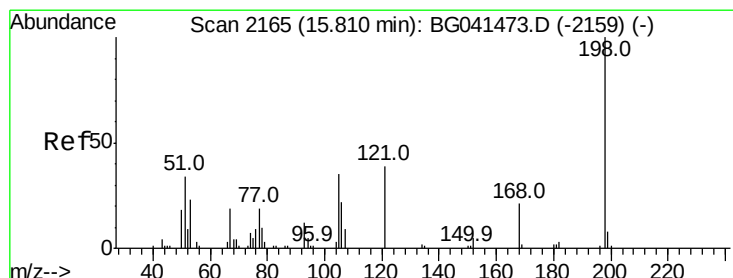
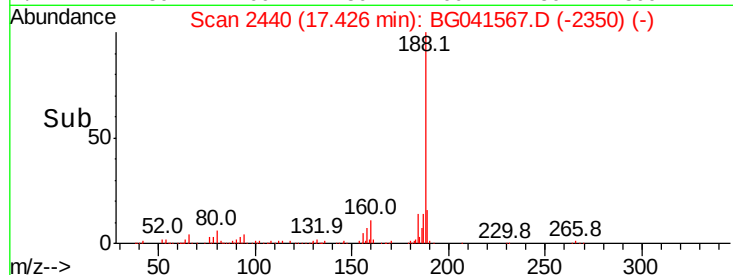
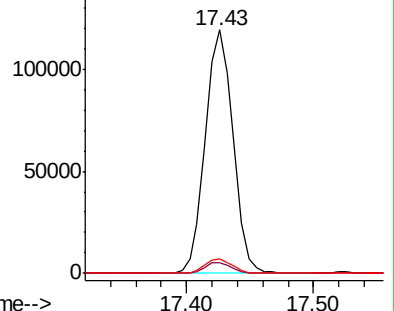
80 5.8 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 43.570 ng

RT: 15.82 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

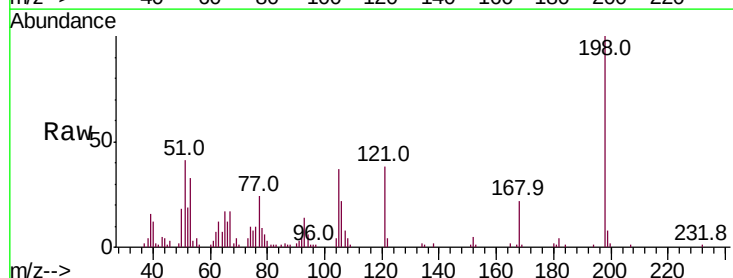
Tgt Ion:198 Resp: 48502

Ion Ratio Lower Upper

198 100

51 40.8 19.0 59.0

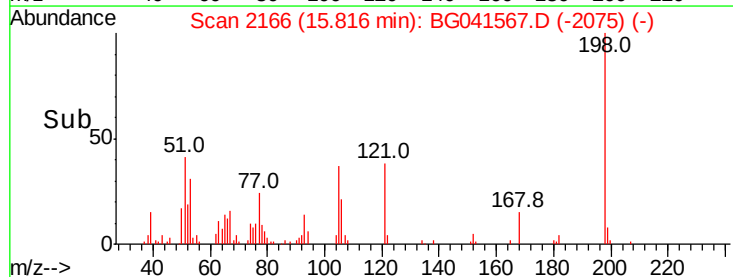
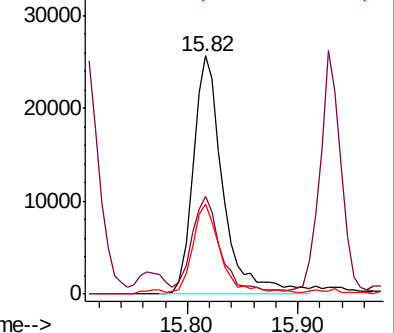
105 37.5 16.1 56.1

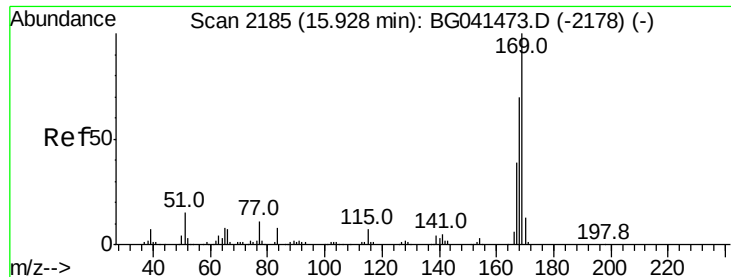


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 47.850 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

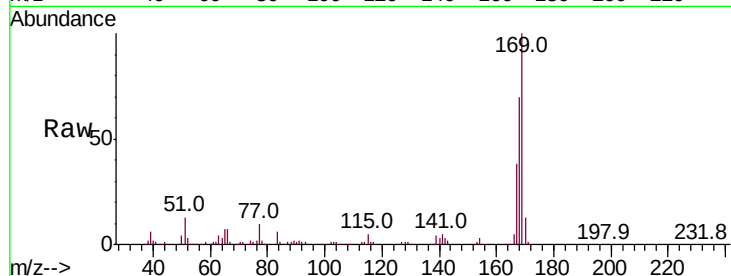
Tot Ion:169 Resp: 236708

Ion Ratio Lower Upper

169 100

168 70.2 56.2 84.4

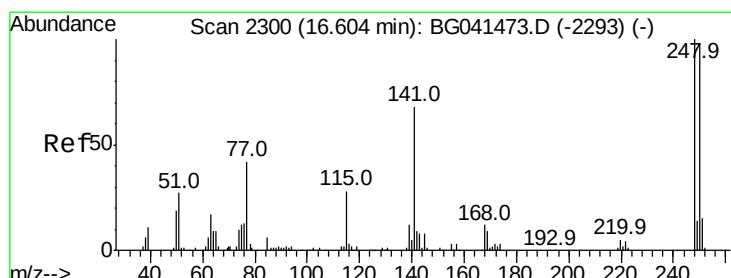
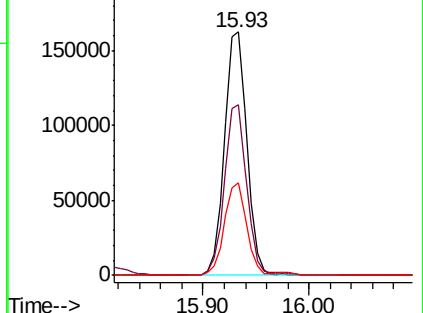
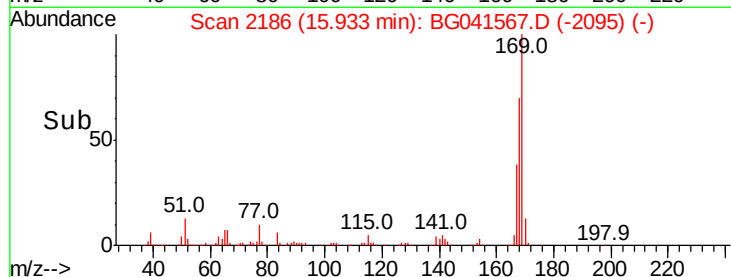
167 37.9 31.0 46.6



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: 46.081 ng

RT: 16.60 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

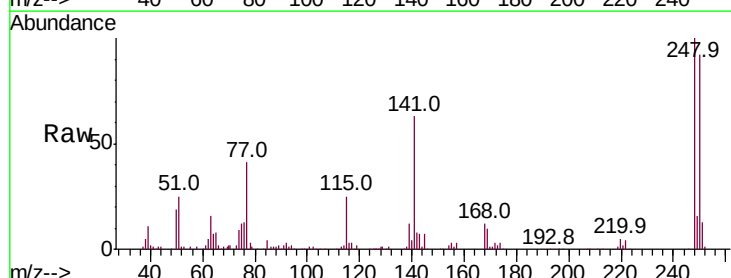
Tgt Ion:248 Resp: 113186

Ion Ratio Lower Upper

248 100

250 92.3 78.1 117.1

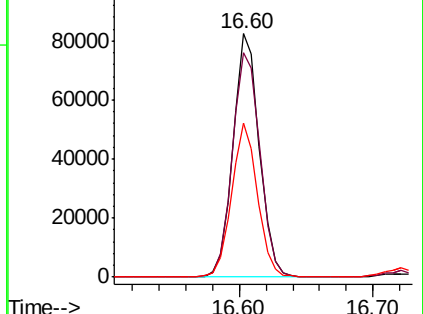
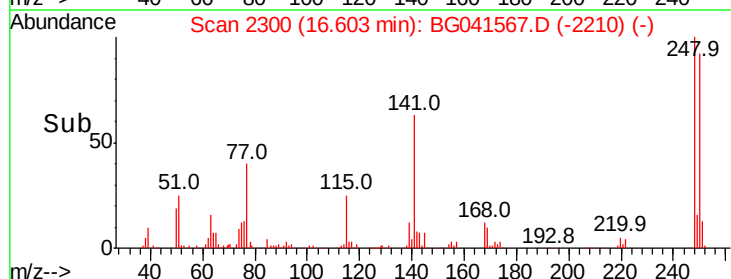
141 63.3 54.1 81.1

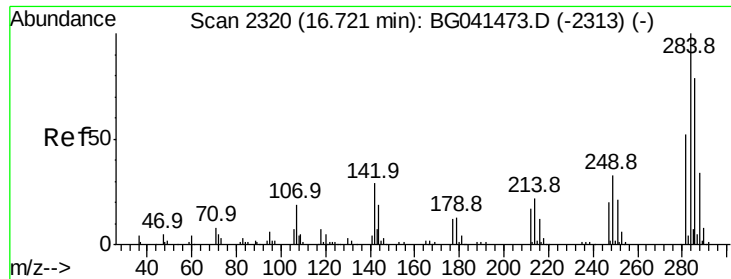


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 44.092 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

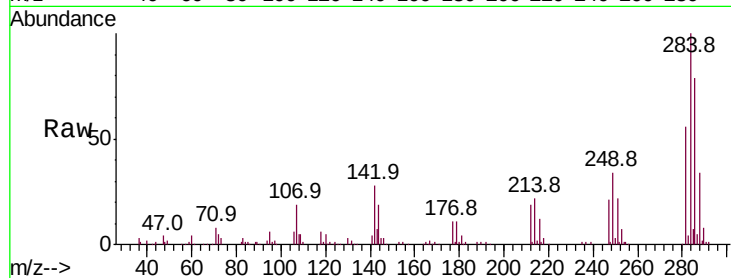
Tot Ion:284 Resp: 116685

Ion Ratio Lower Upper

284 100

142 27.7 22.9 34.3

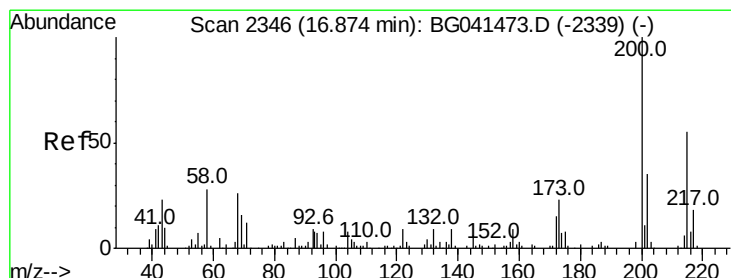
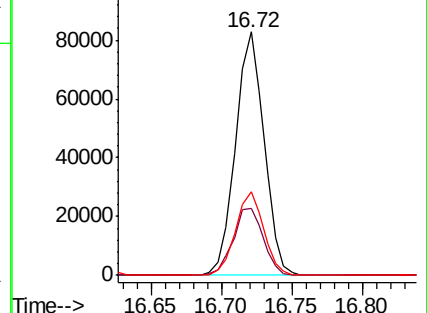
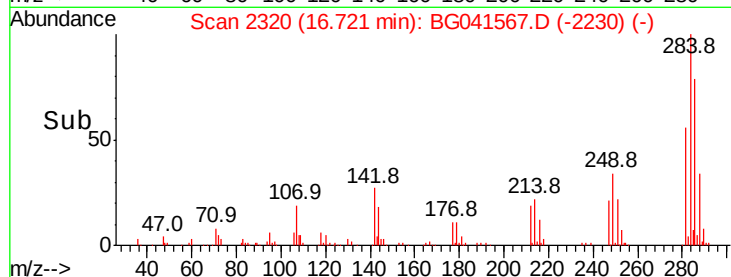
249 34.1 26.1 39.1



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: 51.706 ng

RT: 16.87 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

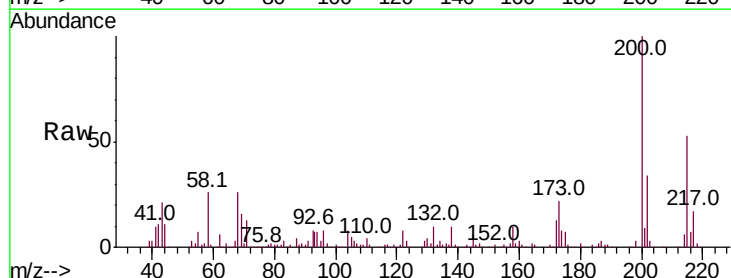
Tgt Ion:200 Resp: 108270

Ion Ratio Lower Upper

200 100

173 21.8 3.1 43.1

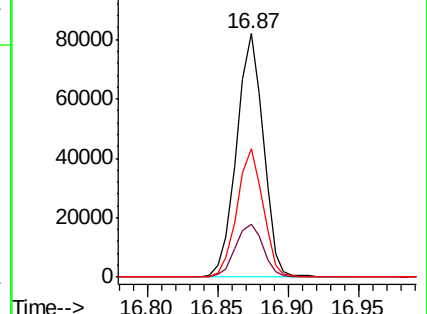
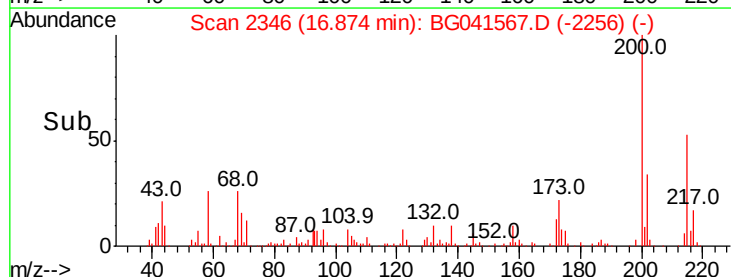
215 52.7 34.7 74.7

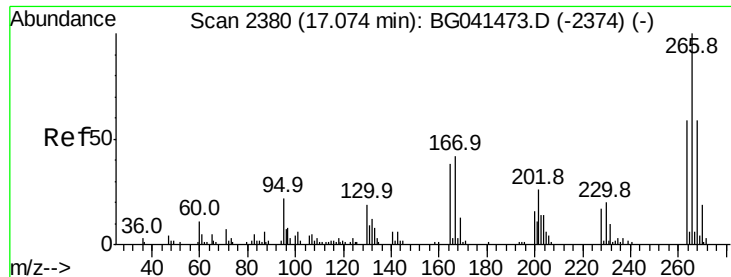


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

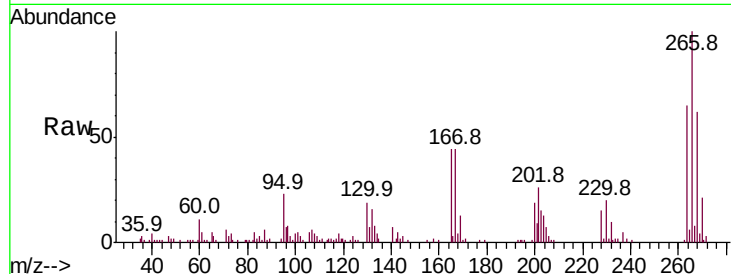




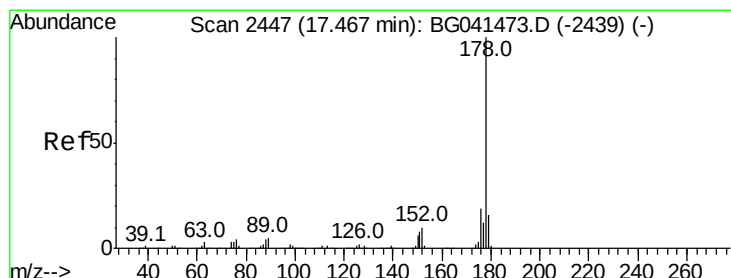
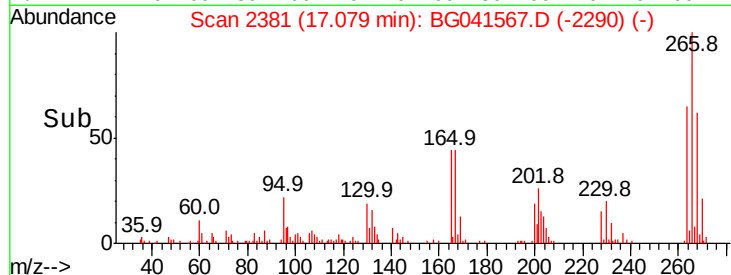
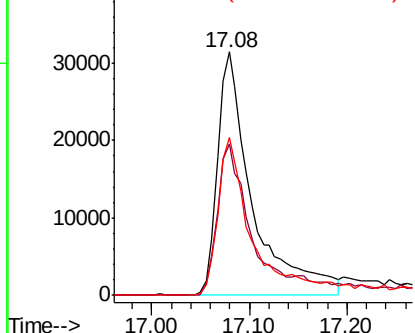
#70
 Pentachlorophenol
 Concen: 65.192 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. 0.01 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MS

Tot Ion:266 Resp: 78173
 Ion Ratio Lower Upper
 266 100
 268 62.3 47.0 70.4
 264 65.0 47.4 71.0

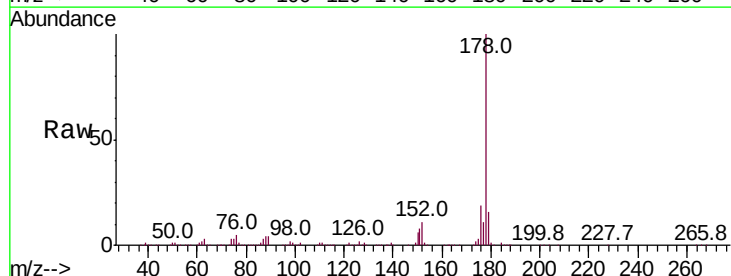


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

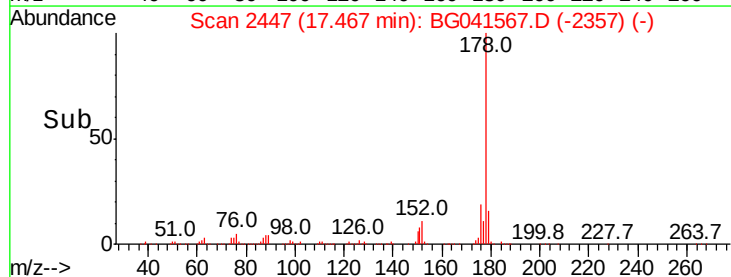
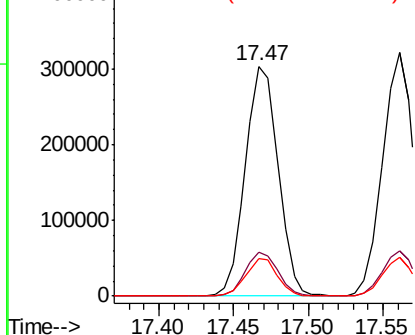


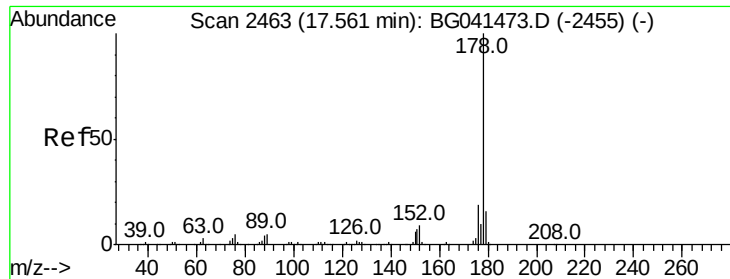
#71
 Phenanthrene
 Concen: 46.772 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Tgt Ion:178 Resp: 463177
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 16.2 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 47.793 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

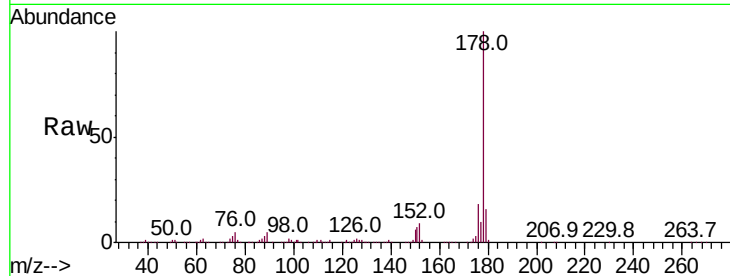
Tot Ion:178 Resp: 473554

Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

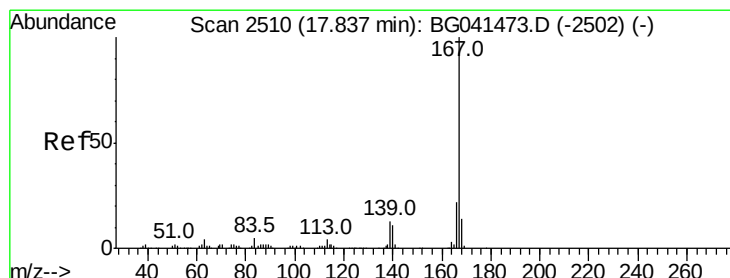
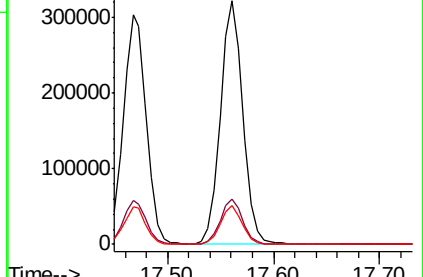
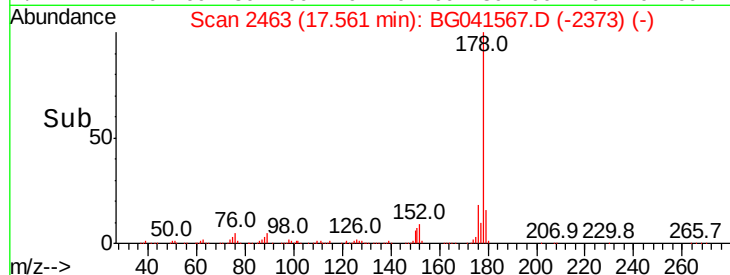
179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 49.073 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

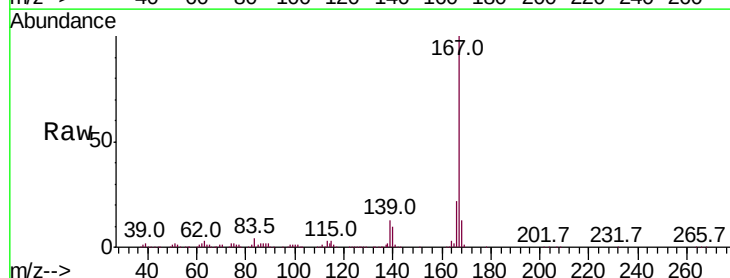
Tgt Ion:167 Resp: 413356

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.6

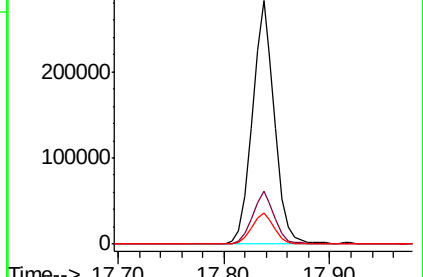
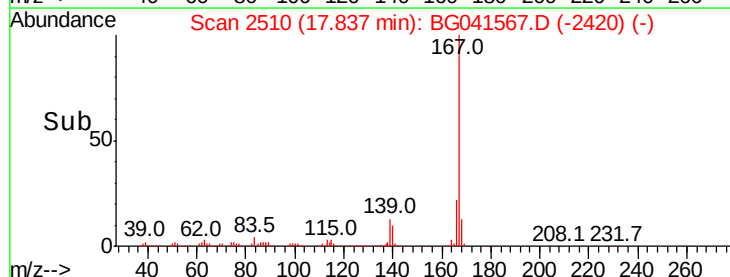
139 12.6 10.8 16.2

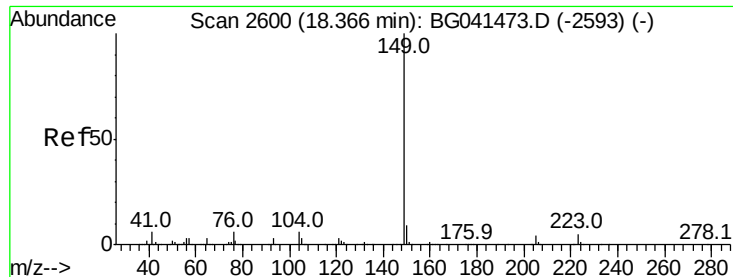


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

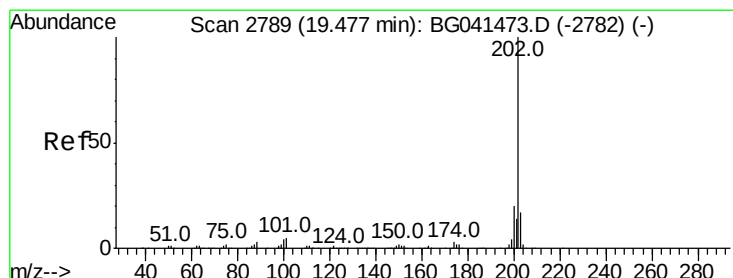
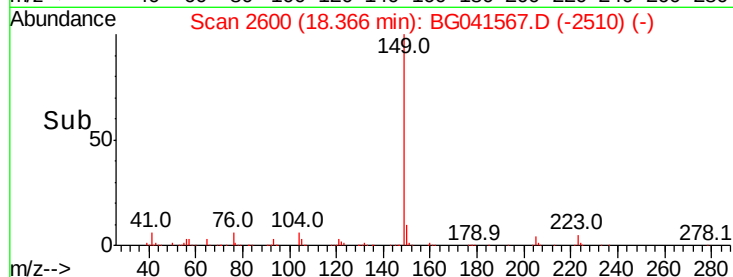
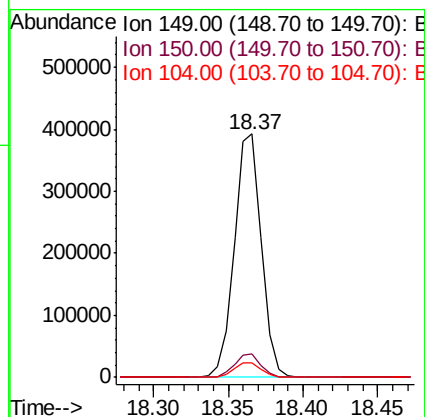
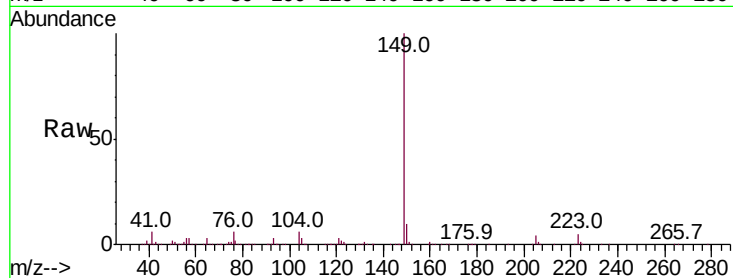




#74
Di-n-butylphthalate
Concen: 46.908 ng
RT: 18.37 min Scan# 2600
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

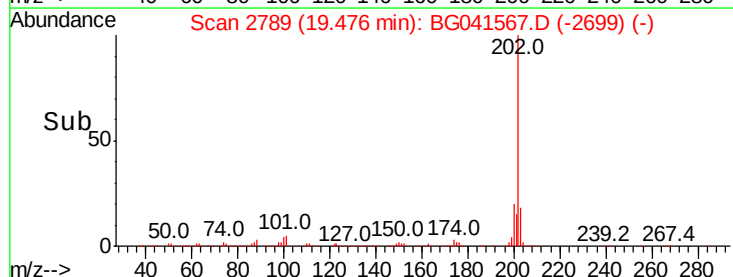
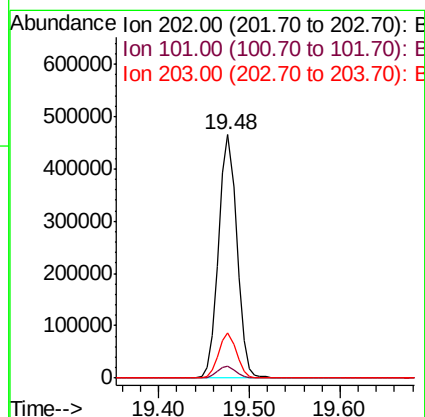
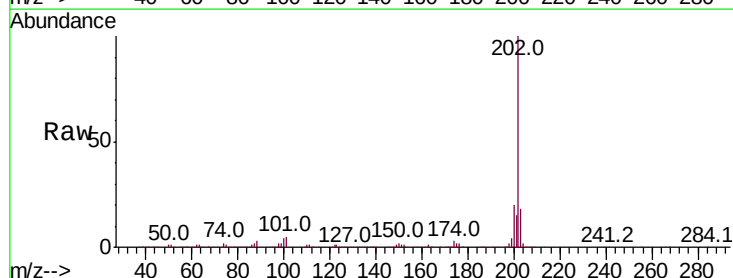
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

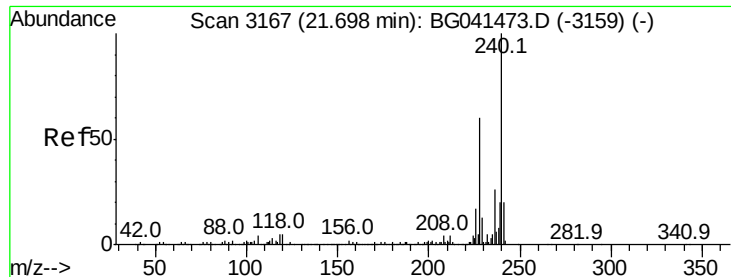
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	6.1	5.0	7.6



#75
Fluoranthene
Concen: 49.282 ng
RT: 19.48 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.0	0.0	24.9
203	18.4	0.0	37.5

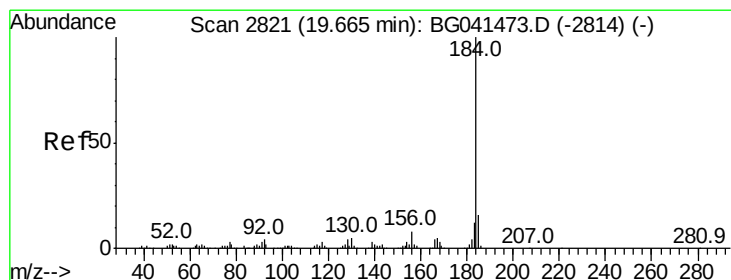
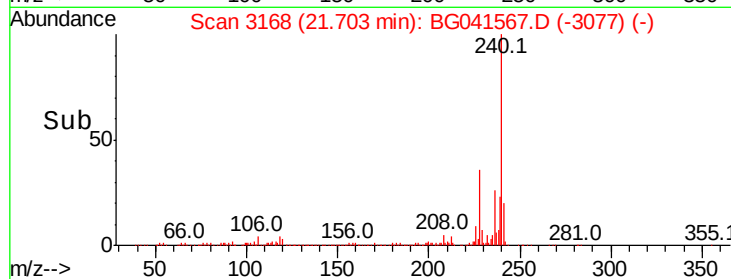
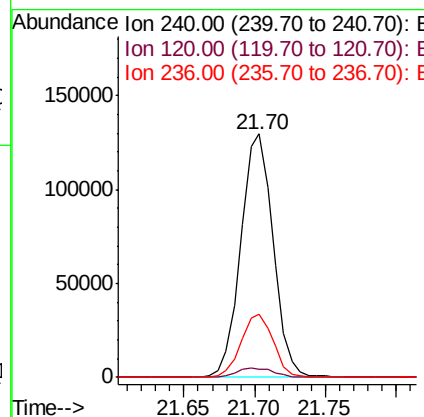
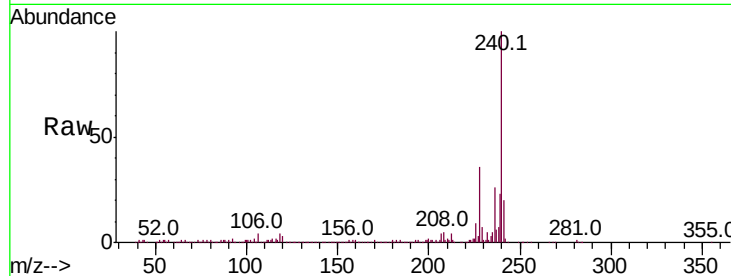




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. 0.01 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

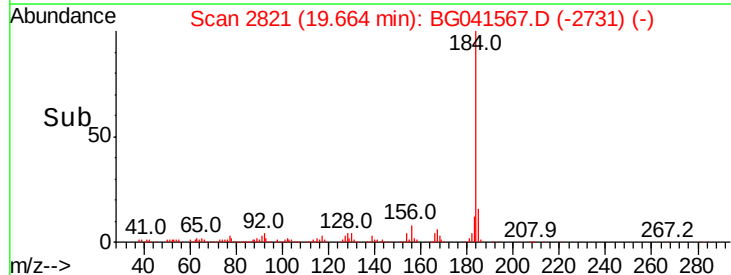
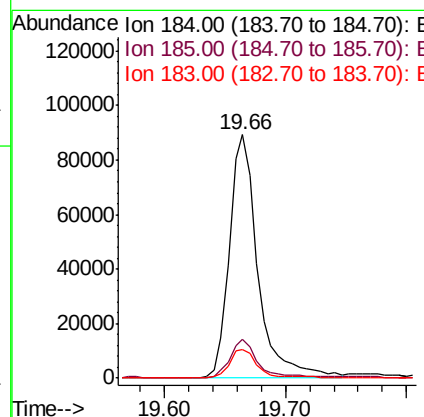
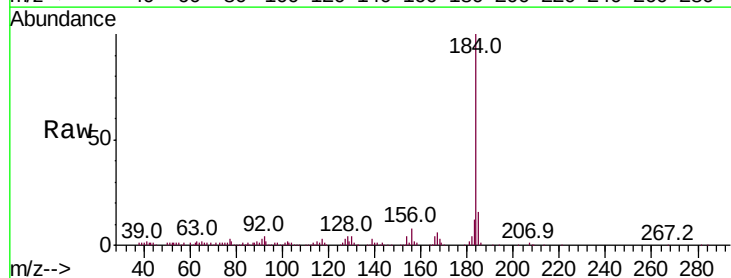
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MS

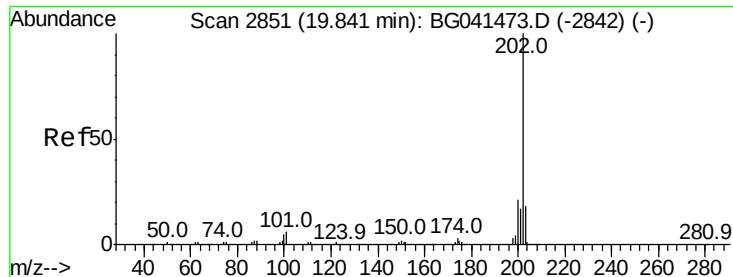
Tot Ion:240 Resp: 207640
 Ion Ratio Lower Upper
 240 100
 120 3.3 3.7 5.5#
 236 26.1 20.8 31.2



#77
 Benzidine
 Concen: 31.839 ng
 RT: 19.66 min Scan# 2821
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Tgt Ion:184 Resp: 146685
 Ion Ratio Lower Upper
 184 100
 185 15.8 12.7 19.1
 183 12.0 9.4 14.2





#78

Pvrene

Concen: 46.152 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

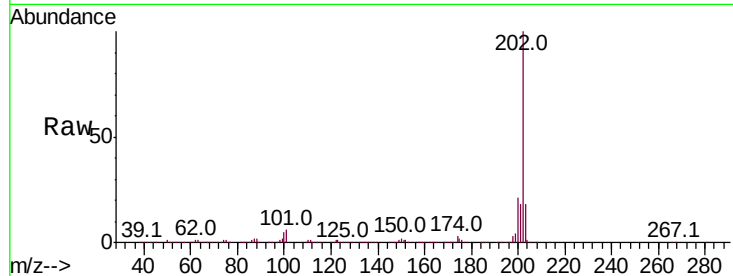
Tot Ion:202 Resp: 654205

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

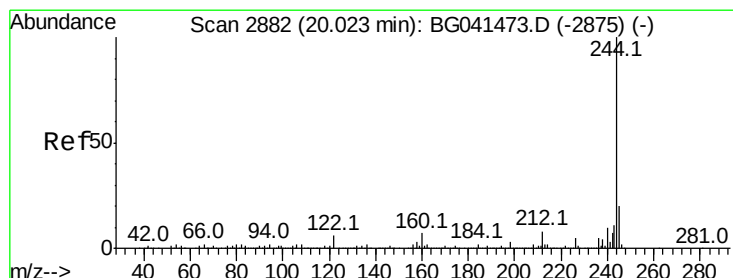
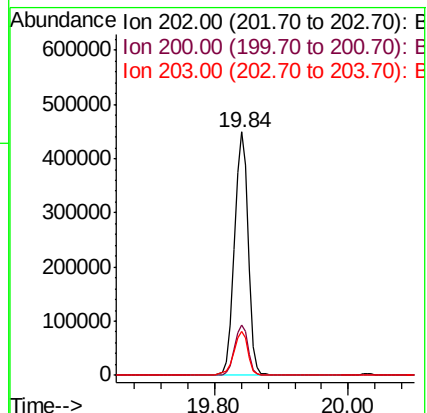
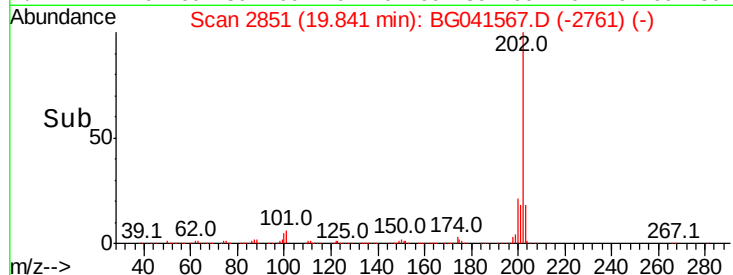
203 18.2 14.2 21.4



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



#79

Terphenyl-d14

Concen: 105.173 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

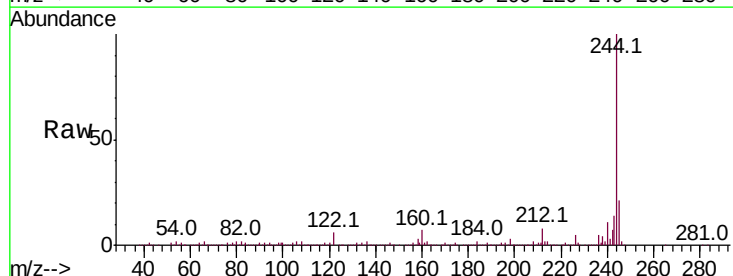
Tgt Ion:244 Resp: 1027639

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

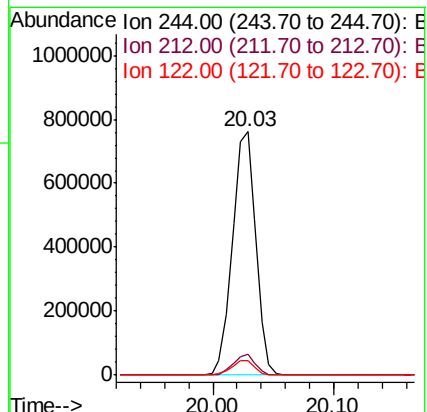
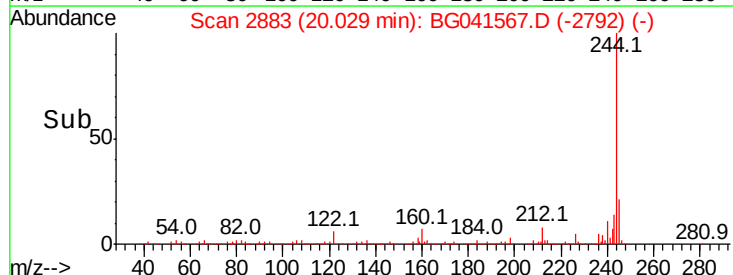
122 5.7 4.8 7.2

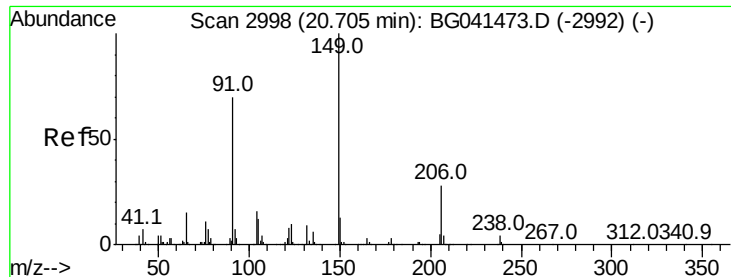


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

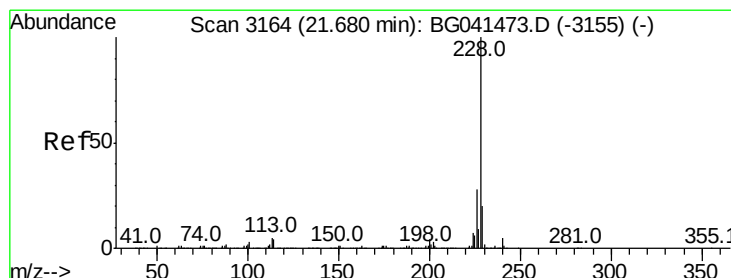
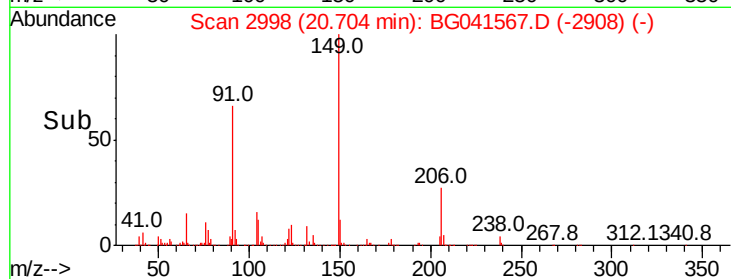
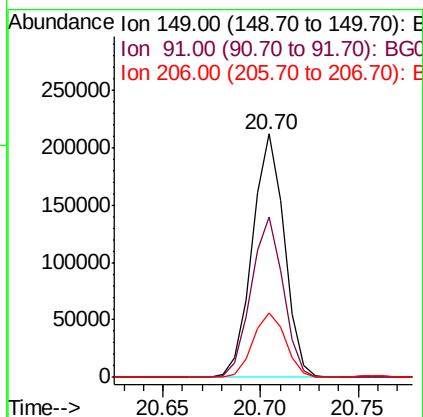
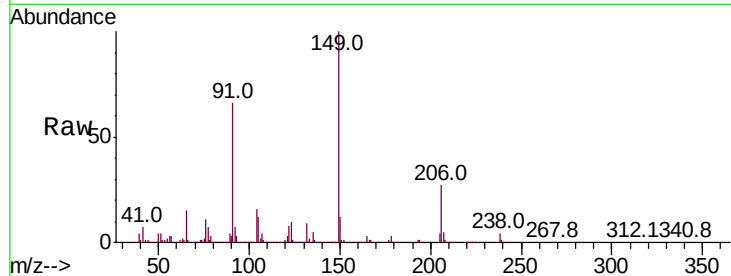




#80
 Butylbenzylphthalate
 Concen: 45.401 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

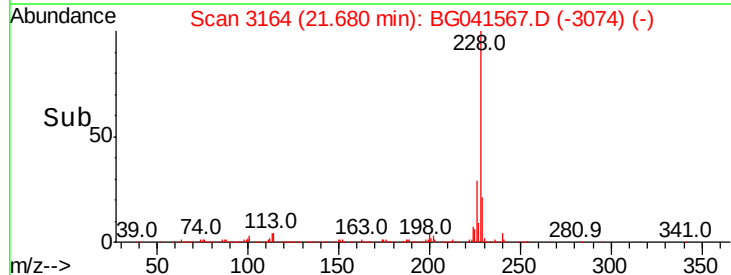
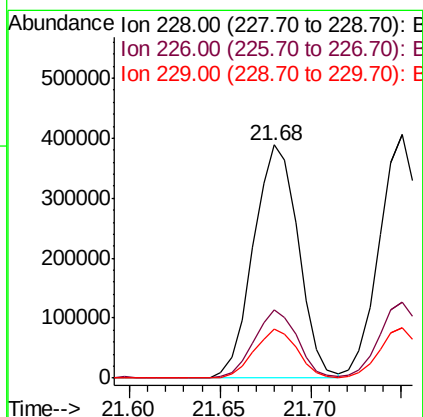
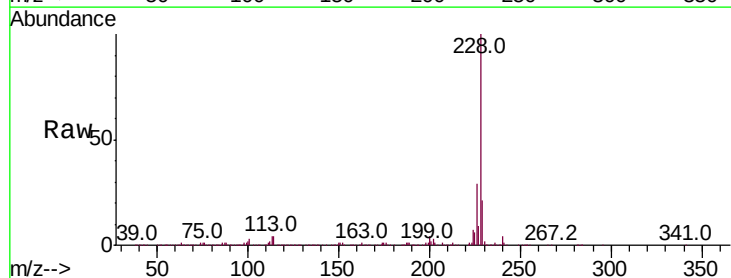
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MS

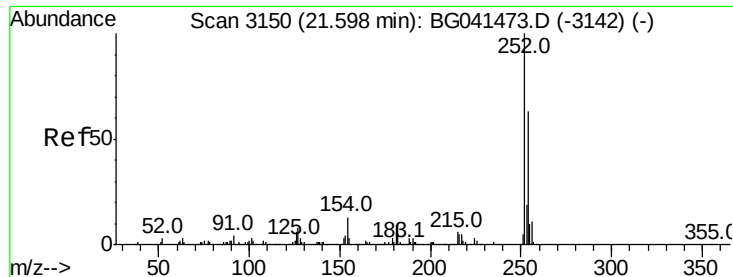
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.0	55.9	83.9
206	26.6	22.1	33.1



#81
 Benzo(a)anthracene
 Concen: 46.189 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.0	16.1	24.1

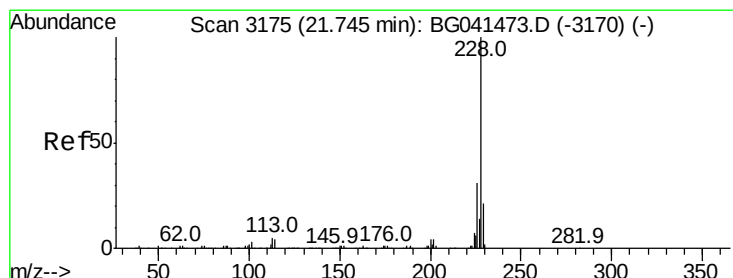
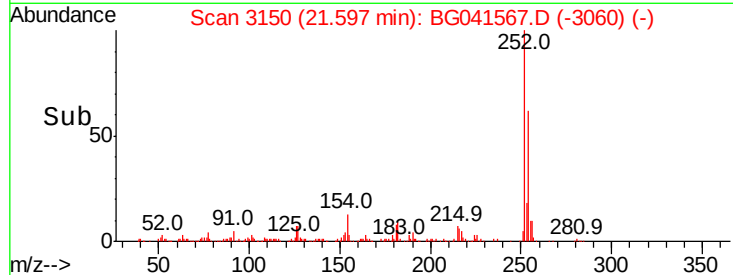
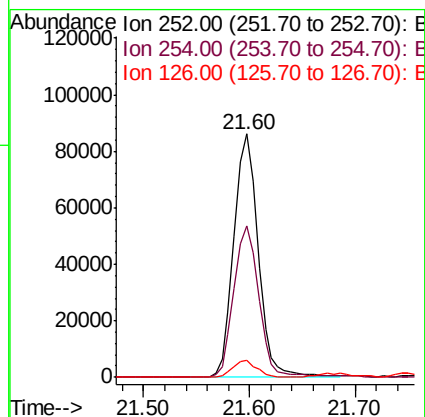
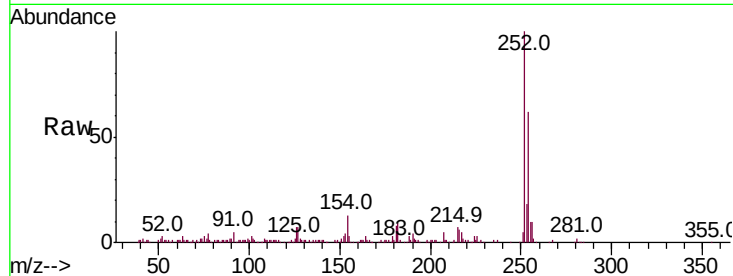




#82
 3,3'-Dichlorobenzidine
 Concen: 27.656 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

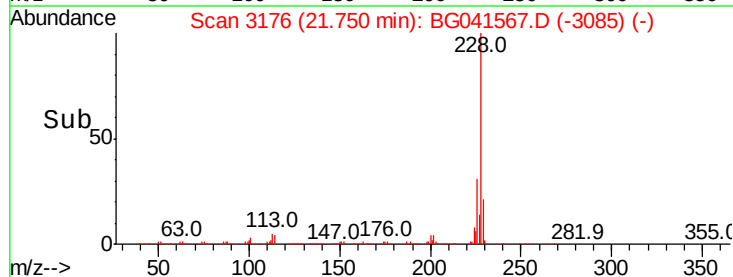
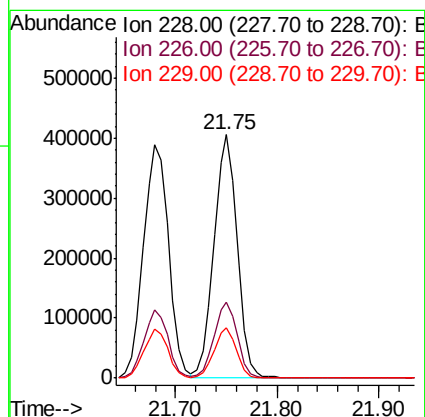
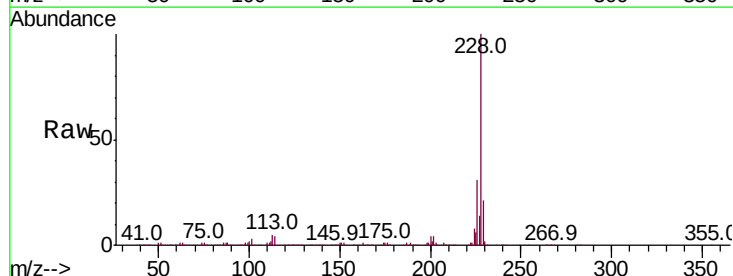
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MS

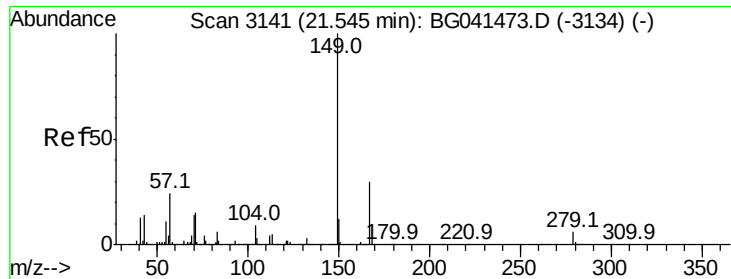
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.4	75.6
126	6.9	4.9	7.3



#83
 Chrysene
 Concen: 45.968 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. 0.01 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.4
229	20.9	16.8	25.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 45.347 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

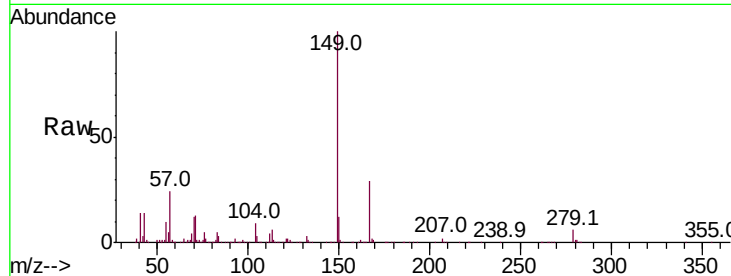
Tot Ion:149 Resp: 340328

Ion Ratio Lower Upper

149 100

167 29.3 23.6 35.4

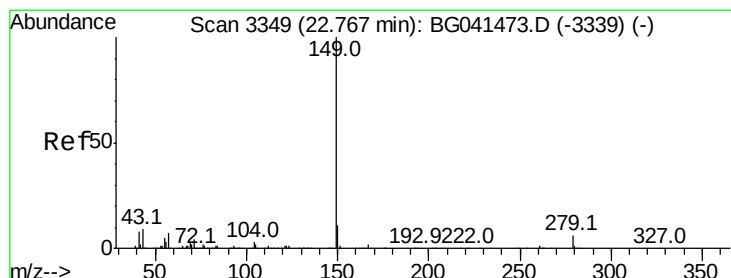
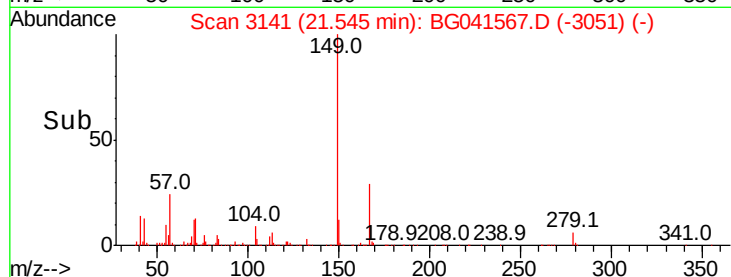
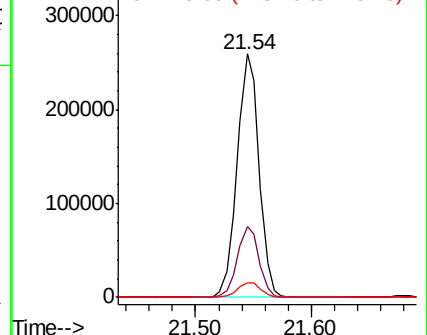
279 6.1 5.0 7.6



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: 45.375 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

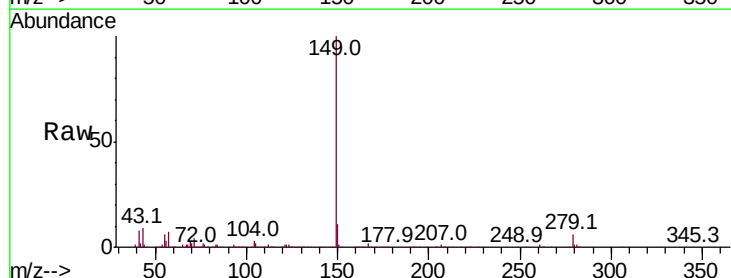
Tgt Ion:149 Resp: 576285

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

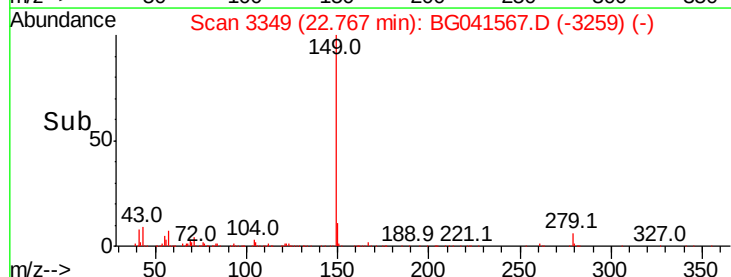
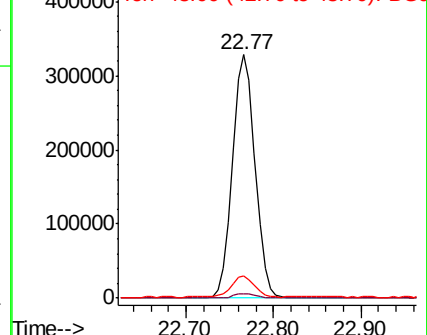
43 8.8 7.2 10.8

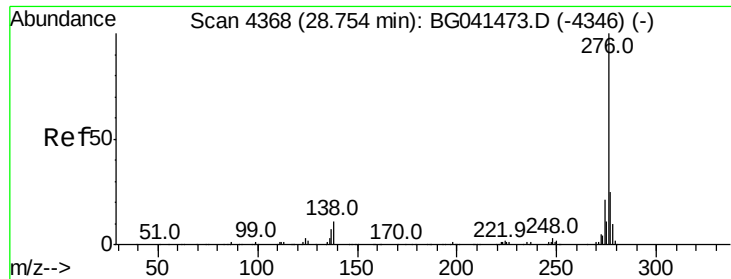


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

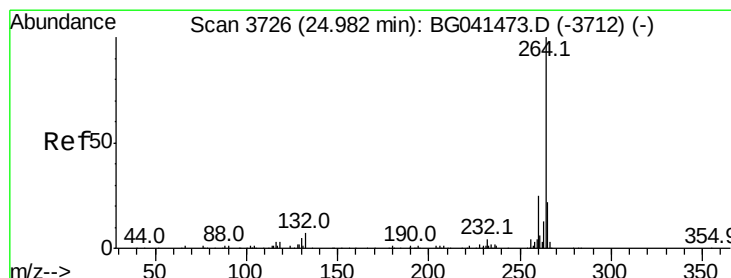
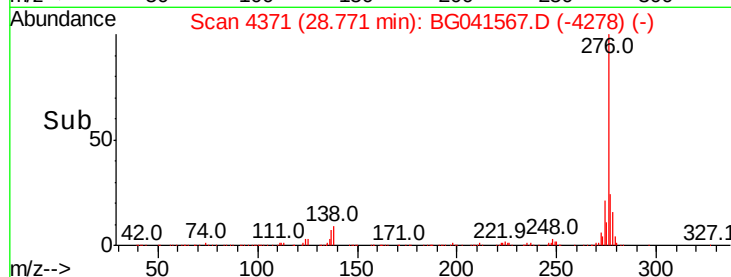
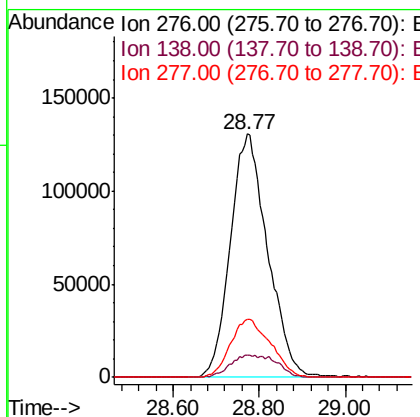
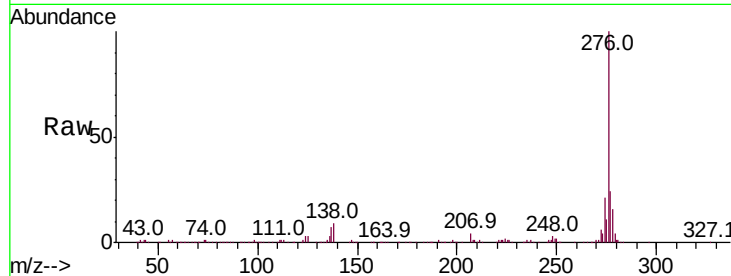




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 46.607 ng
 RT: 28.77 min Scan# 4371
 Delta R.T. 0.02 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

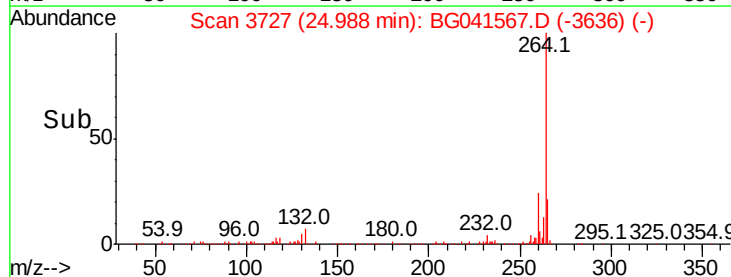
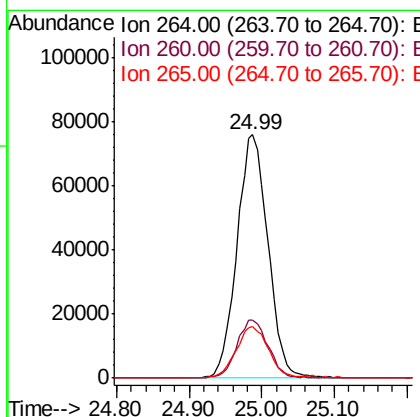
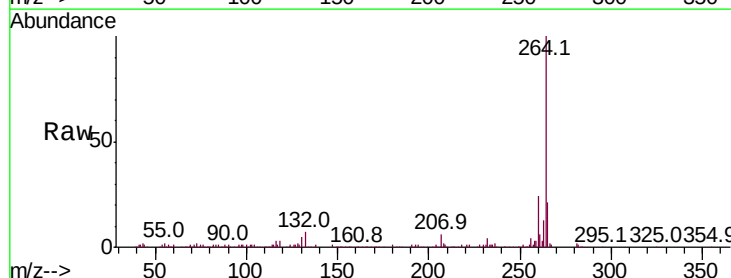
Instrument :
 BNA_G
 ClientSampleId :
 SP-19-LF2MW2MS

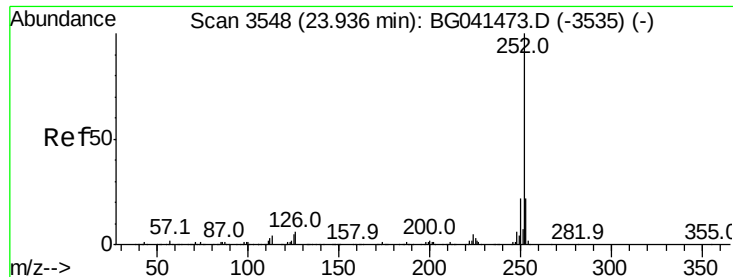
Tot Ion:276 Resp: 788587
 Ion Ratio Lower Upper
 276 100
 138 7.8 4.9 7.3#
 277 25.7 20.4 30.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.99 min Scan# 3727
 Delta R.T. 0.01 min
 Lab File: BG041567.D
 Acq: 2 Jul 2019 11:25

Tgt Ion:264 Resp: 225956
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.7 29.5
 265 21.3 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 45.796 ng

RT: 23.94 min Scan# 3548

Delta R.T. -0.00 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

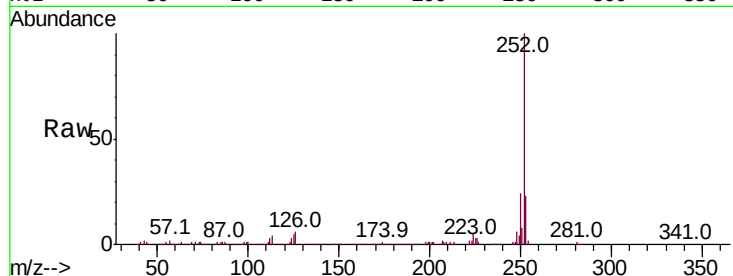
Tot Ion:252 Resp: 660015

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

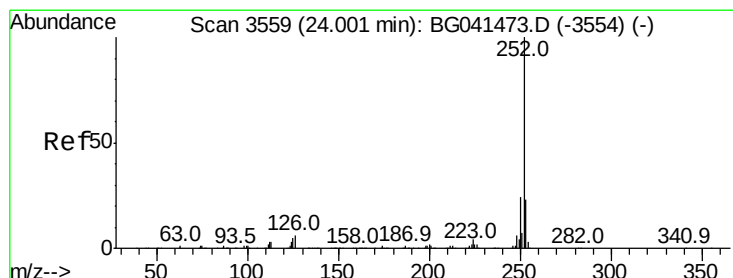
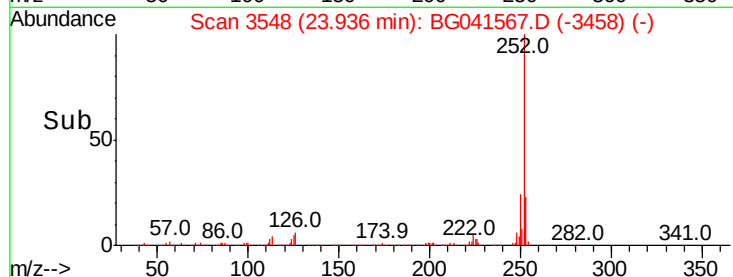
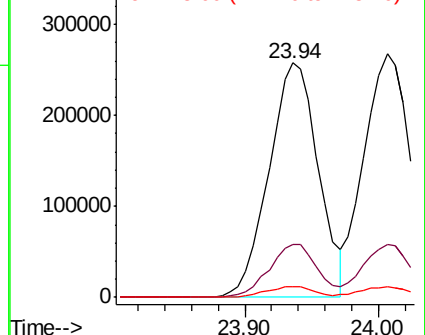
125 4.5 3.8 5.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 46.053 ng

RT: 24.01 min Scan# 3560

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

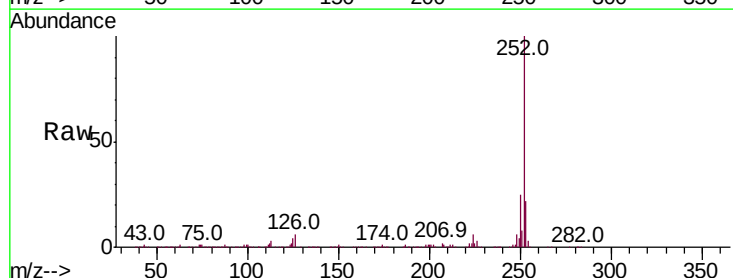
Tgt Ion:252 Resp: 651623

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

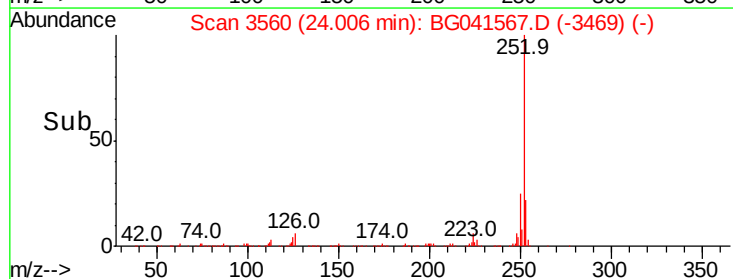
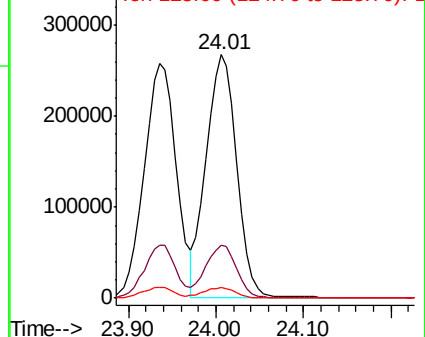
125 4.4 4.0 6.0

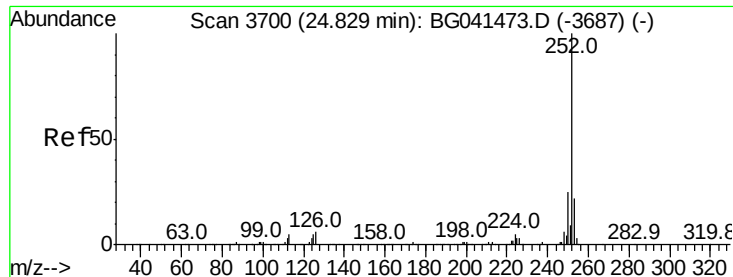


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

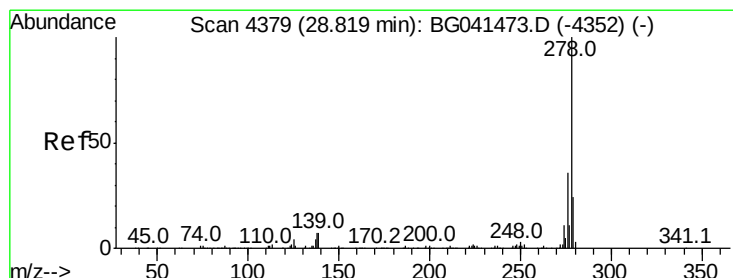
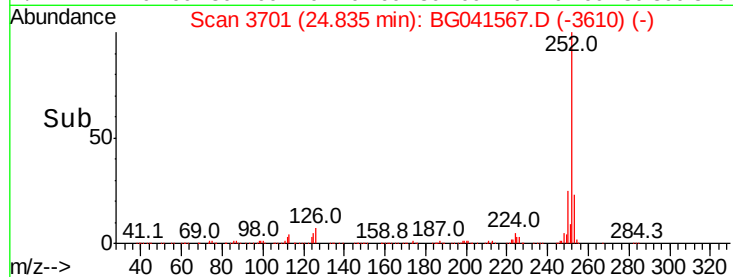
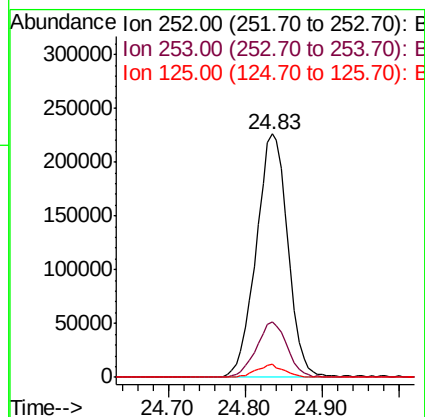
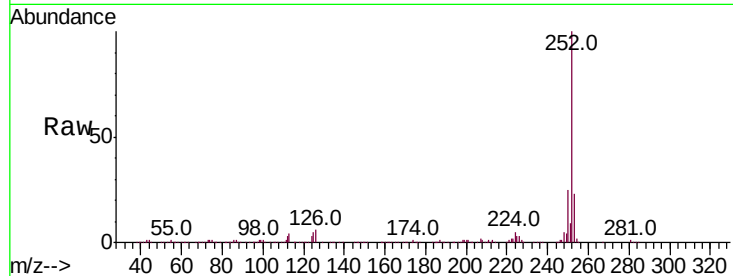




#90
Benzo(a)pyrene
Concen: 47.424 ng
RT: 24.83 min Scan# 3701
Delta R.T. 0.01 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

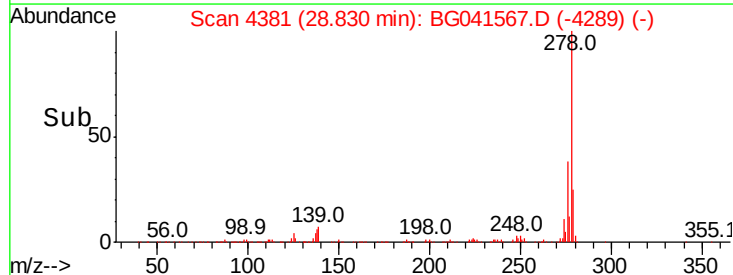
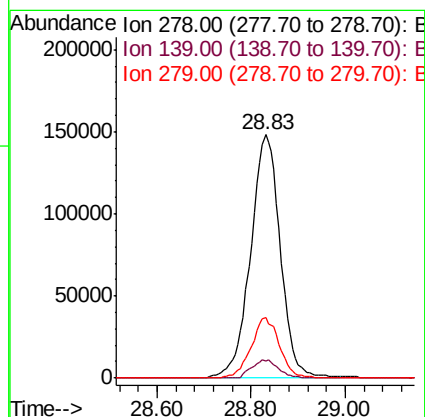
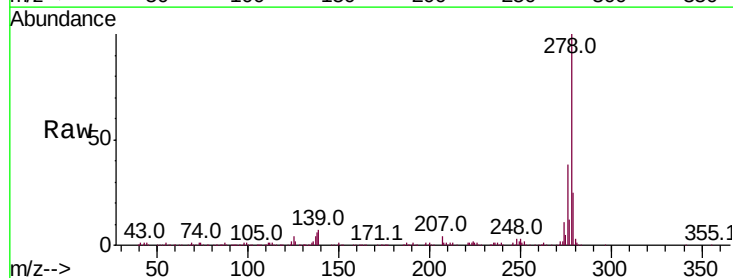
Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MS

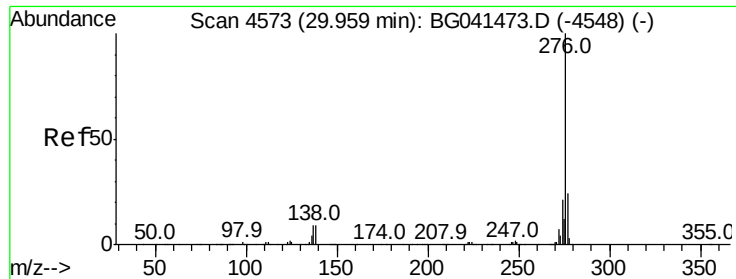
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	5.3	4.4	6.6



#91
Dibenzo(a,h)anthracene
Concen: 47.590 ng
RT: 28.83 min Scan# 4381
Delta R.T. 0.01 min
Lab File: BG041567.D
Acq: 2 Jul 2019 11:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.3	5.9	8.9
279	25.0	18.9	28.3





#92

Benzo(a,h,i)perylene

Concen: 47.726 ng

RT: 29.96 min Scan# 4574

Delta R.T. 0.01 min

Lab File: BG041567.D

Acq: 2 Jul 2019 11:25

Instrument :

BNA_G

ClientSampleId :

SP-19-LF2MW2MS

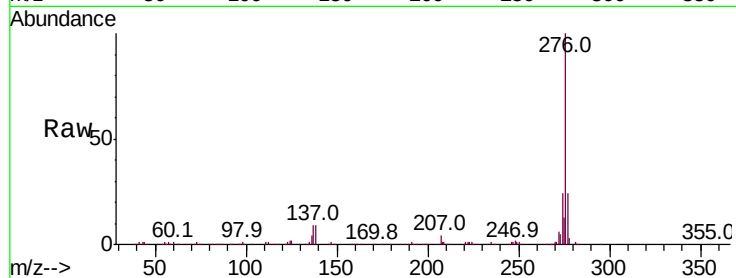
Tot Ion:276 Resp: 650715

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.2

138 9.1 7.6 11.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

