

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041658.D
 Acq On : 16 Jul 2019 8:27
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 17 01:34:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	86215	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	378764	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	241228	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	574573	20.00	ng	0.00
76) Chrysene-d12	21.65	240	535679	20.00	ng	0.00
87) Perylene-d12	24.85	264	625675	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	431407	81.80	ng	0.00
7) Phenol-d6	7.20	99	589751	83.14	ng	0.00
23) Nitrobenzene-d5	9.20	82	531023	85.26	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	240774	88.57	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1279608	82.14	ng	0.00
79) Terphenyl-d14	20.01	244	1952759	85.19	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	99059	39.548	ng	100
3) Pyridine	3.90	79	283108	42.342	ng	99
4) n-Nitrosodimethylamine	3.81	42	128402	41.585	ng	95
6) Aniline	7.37	93	389393	40.844	ng	99
8) 2-Chlorophenol	7.61	128	244559	40.961	ng	98
9) Benzaldehyde	7.18	77	183300	42.684	ng	92
10) Phenol	7.22	94	308525	41.281	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	244151	40.449	ng	97
12) 1,3-Dichlorobenzene	7.94	146	291917	40.976	ng	99
13) 1,4-Dichlorobenzene	8.09	146	287124	40.245	ng	99
14) 1,2-Dichlorobenzene	8.41	146	274097	40.749	ng	99
15) Benzyl Alcohol	8.28	79	230401	40.798	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	512769	40.998	ng	99
17) 2-Methylphenol	8.48	107	212302	41.076	ng	98
18) Hexachloroethane	9.15	117	106536	40.769	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	215362	41.537	ng	99
20) 3+4-Methylphenols	8.81	107	298818	42.190	ng	99
22) Acetophenone	8.87	105	375806	40.738	ng	# 97
24) Nitrobenzene	9.25	77	283000	41.654	ng	99
25) Isophorone	9.77	82	566243	41.520	ng	98
26) 2-Nitrophenol	9.96	139	129213	42.091	ng	99
27) 2,4-Dimethylphenol	10.02	122	220516	40.867	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	344007	40.927	ng	99
29) 2,4-Dichlorophenol	10.50	162	254206	41.320	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	294219	40.730	ng	99
31) Naphthalene	10.91	128	770841	41.338	ng	98
32) Benzoic acid	10.14	122	171119	42.553	ng	97
33) 4-Chloroaniline	11.00	127	356927	41.496	ng	99
34) Hexachlorobutadiene	11.20	225	193475	41.672	ng	98
35) Caprolactam	11.77	113	94088	41.608	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	270012	41.894	ng	98
37) 2-Methylnaphthalene	12.51	142	597189	41.918	ng	99
38) 1-Methylnaphthalene	12.72	142	570595	42.011	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	335507	40.604	ng	99

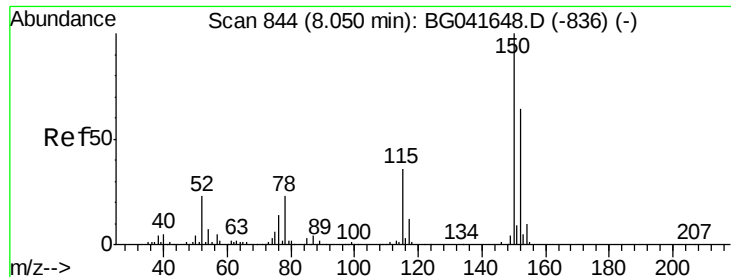
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041658.D
 Acq On : 16 Jul 2019 8:27
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 17 01:34:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	189244	40.487	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	225339	41.971	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	237409	41.969	ng	96
46) 1,1'-Biphenyl	13.51	154	740522	40.975	ng	97
47) 2-Chloronaphthalene	13.55	162	611906	40.626	ng	98
48) 2-Nitroaniline	13.74	65	190963	43.546	ng	94
49) Acenaphthylene	14.39	152	967805	41.160	ng	98
50) Dimethylphthalate	14.12	163	792821	41.847	ng	99
51) 2,6-Dinitrotoluene	14.23	165	174852	43.510	ng	94
52) Acenaphthene	14.73	154	605658	40.874	ng	98
53) 3-Nitroaniline	14.56	138	190072	43.328	ng	# 95
54) 2,4-Dinitrophenol	14.76	184	74615	40.918	ng	# 69
55) Dibenzofuran	15.07	168	929758	41.815	ng	95
56) 4-Nitrophenol	14.85	139	155880	43.889	ng	98
57) 2,4-Dinitrotoluene	15.02	165	242484	45.647	ng	99
58) Fluorene	15.71	166	754563	41.706	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	227333	43.531	ng	98
60) Diethylphthalate	15.49	149	794517	41.627	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	426492	41.702	ng	98
62) 4-Nitroaniline	15.71	138	203988	43.844	ng	98
63) Azobenzene	16.00	77	711529	41.235	ng	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	111173	41.765	ng	98
66) n-Nitrosodiphenylamine	15.91	169	689880	40.886	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	284990	41.685	ng	97
68) Hexachlorobenzene	16.71	284	287168	41.713	ng	99
69) Atrazine	16.86	200	249299	40.714	ng	99
70) Pentachlorophenol	17.05	266	186030	43.217	ng	99
71) Phenanthrene	17.45	178	1217971	42.092	ng	96
72) Anthracene	17.54	178	1213315	42.066	ng	97
73) Carbazole	17.80	167	1126114	42.098	ng	96
74) Di-n-butylphthalate	18.37	149	1335316	40.928	ng	97
75) Fluoranthene	19.45	202	1475125	41.517	ng	94
77) Benzidine	19.62	184	799895	43.273	ng	98
78) Pyrene	19.81	202	1473082	40.660	ng	94
80) Butylbenzylphthalate	20.70	149	627987	41.713	ng	97
81) Benzo(a)anthracene	21.64	228	1462712	42.262	ng	96
82) 3,3'-Dichlorobenzidine	21.55	252	573408	42.102	ng	99
83) Chrysene	21.70	228	1382487	41.803	ng	95
84) Bis(2-ethylhexyl)phthalate	21.57	149	885669	41.666	ng	96
85) Di-n-octyl phthalate	22.78	149	1512767	41.790	ng	97
86) Indeno(1,2,3-cd)pyrene	28.51	276	1776728	40.716	ng	# 92
88) Benzo(b)fluoranthene	23.84	252	1560138	41.108	ng	96
89) Benzo(k)fluoranthene	23.91	252	1465095	41.662	ng	97
90) Benzo(a)pyrene	24.70	252	1473549	41.037	ng	97
91) Dibenzo(a,h)anthracene	28.58	278	1424619	40.919	ng	98
92) Benzo(g,h,i)perylene	29.64	276	1429592	40.975	ng	99

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

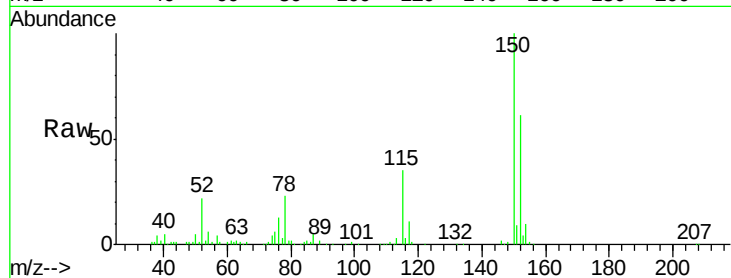


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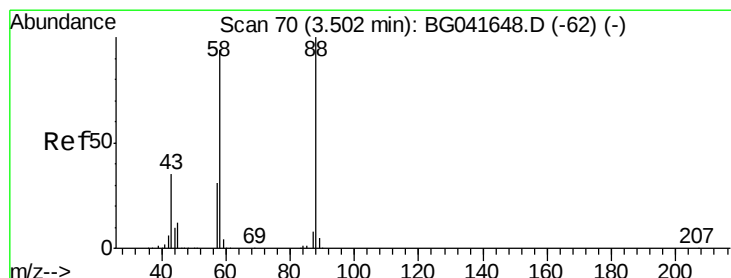
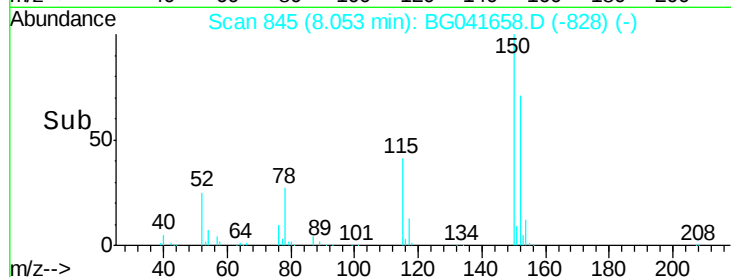
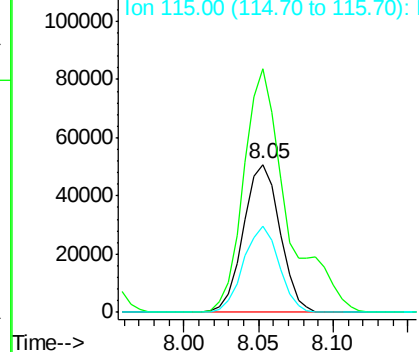
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 86215
Ion Ratio Lower Upper
152 100
150 164.9 126.9 190.3
115 58.5 45.0 67.6



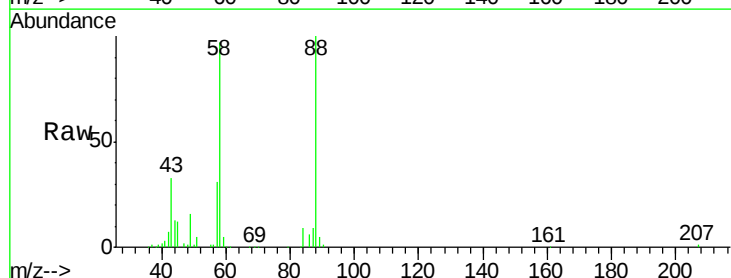
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



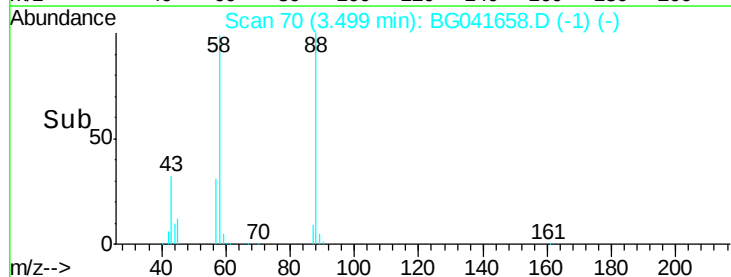
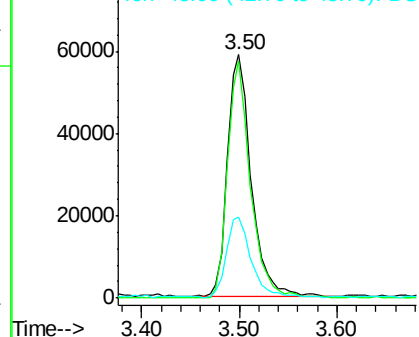
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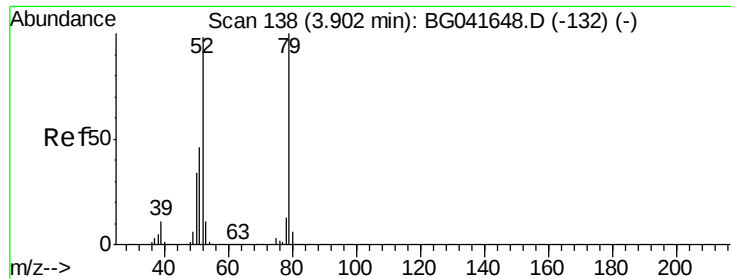
1,4-Dioxane
Concen: 39.548 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Tgt Ion: 88 Resp: 99059
Ion Ratio Lower Upper
88 100
58 94.8 76.2 114.2
43 34.3 27.2 40.8



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: 42.342 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

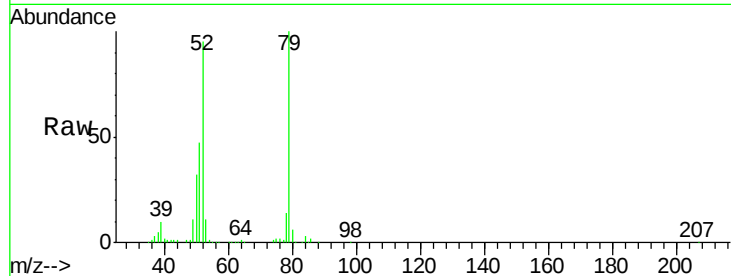
Tot Ion: 79 Resp: 283108

Ion Ratio Lower Upper

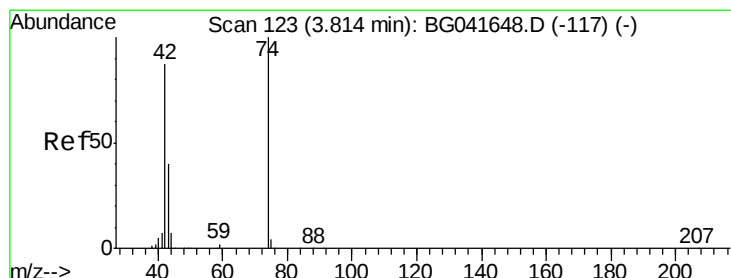
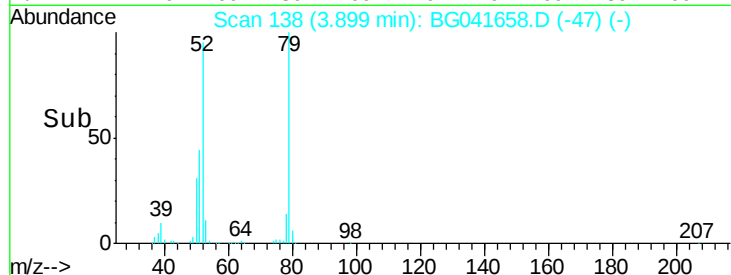
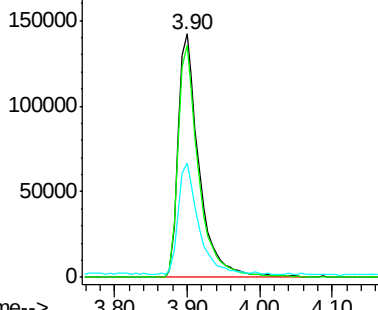
79 100

52 95.3 77.1 115.7

51 46.8 37.8 56.8



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: 41.585 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

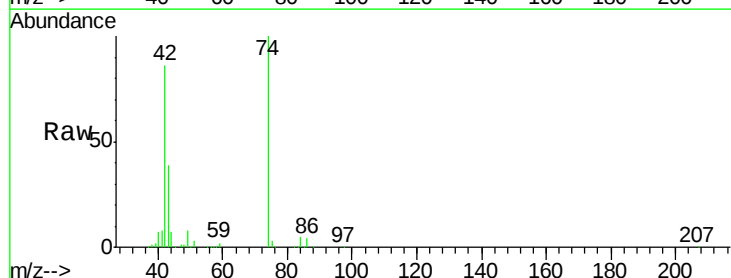
Tgt Ion: 42 Resp: 128402

Ion Ratio Lower Upper

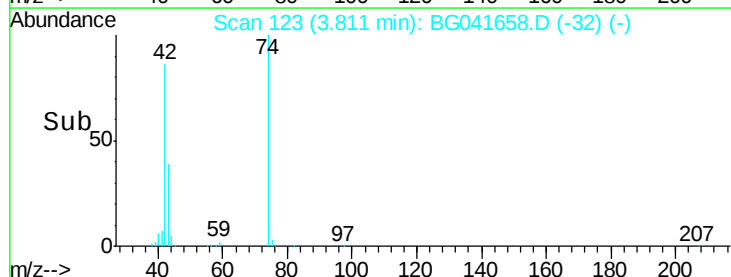
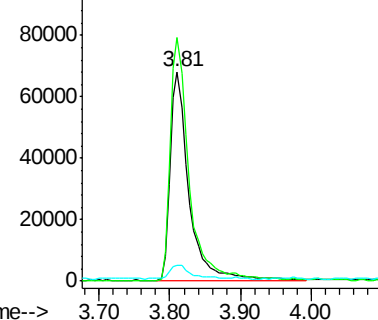
42 100

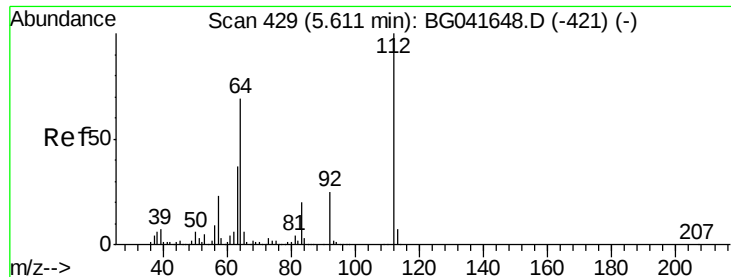
74 116.1 97.4 146.2

44 7.8 6.6 9.8



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: 81.800 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

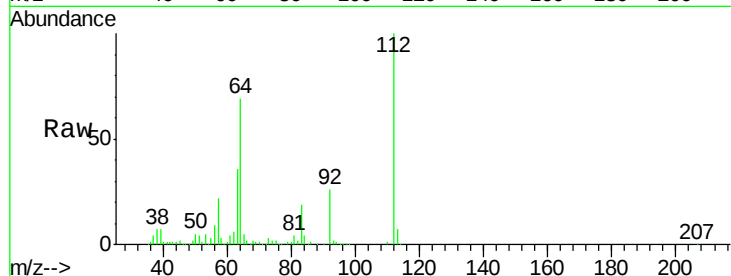
Tot Ion:112 Resp: 431407

Ion Ratio Lower Upper

112 100

64 69.5 55.4 83.2

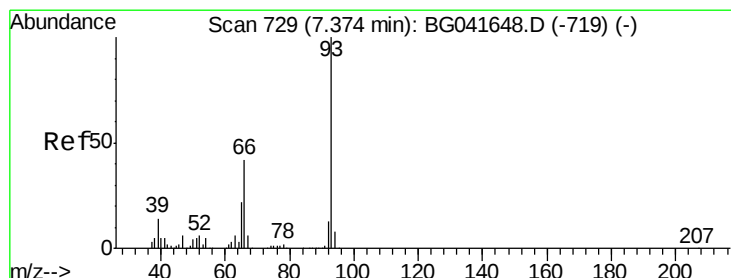
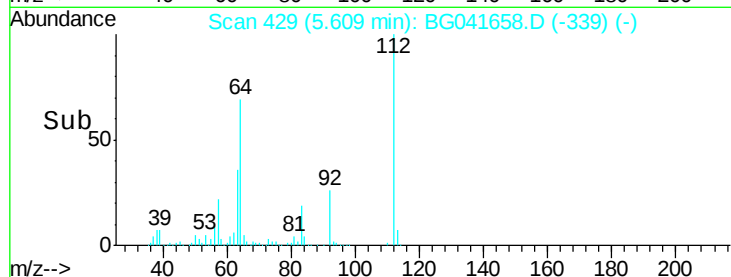
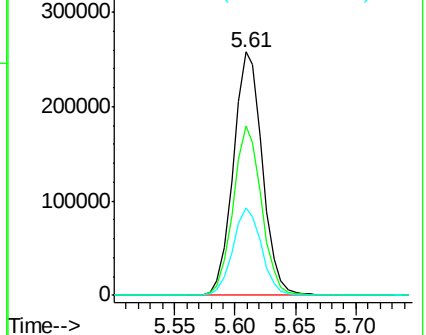
63 35.8 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.844 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

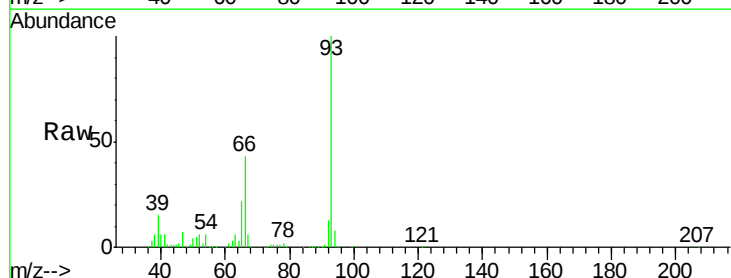
Tgt Ion: 93 Resp: 389393

Ion Ratio Lower Upper

93 100

66 42.6 34.2 51.2

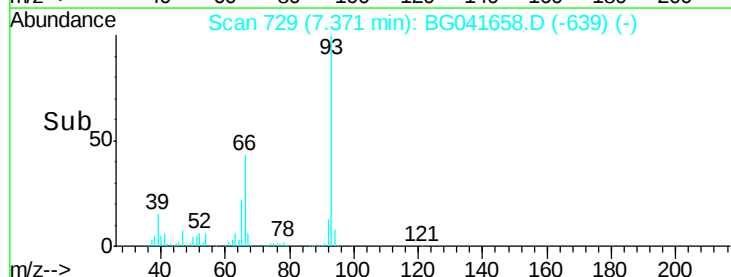
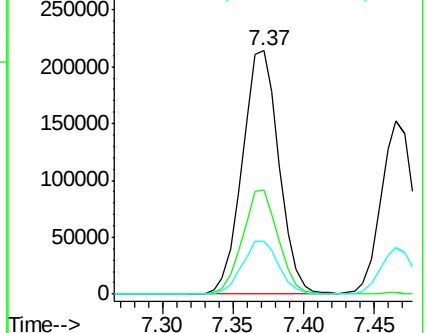
65 21.8 18.2 27.2

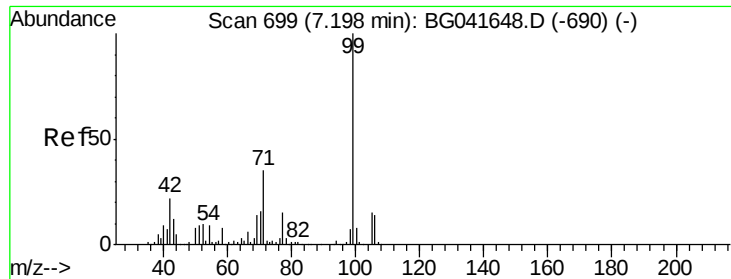


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.138 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

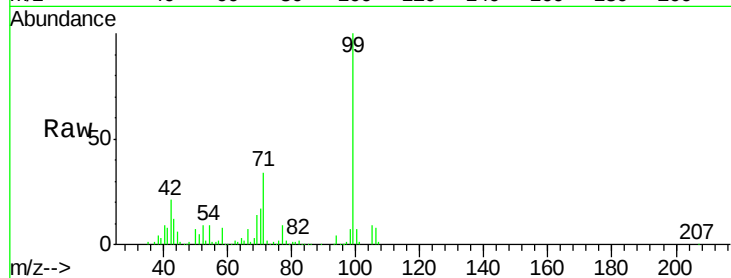
Tot Ion: 99 Resp: 589751

Ion Ratio Lower Upper

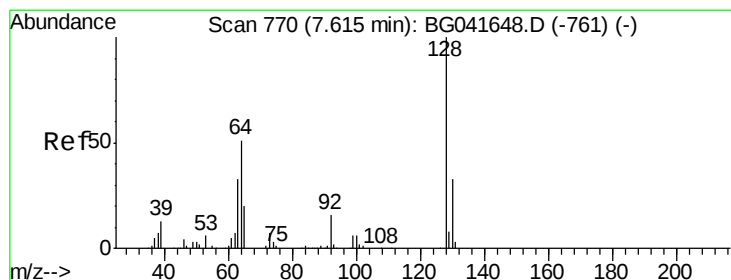
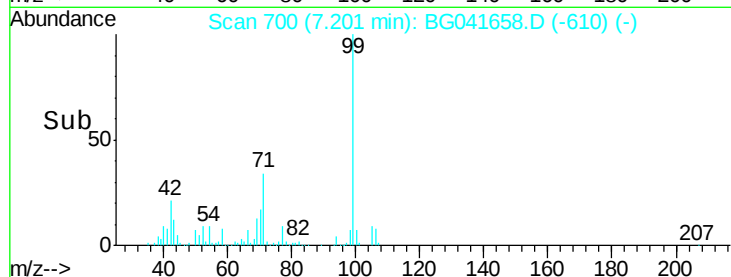
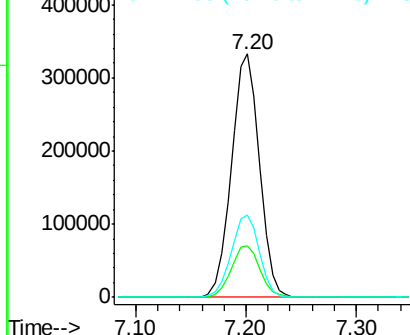
99 100

42 21.3 17.6 26.4

71 34.0 27.8 41.6



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: 40.961 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

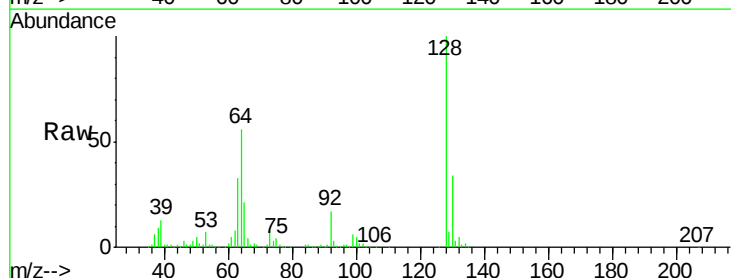
Tgt Ion: 128 Resp: 244559

Ion Ratio Lower Upper

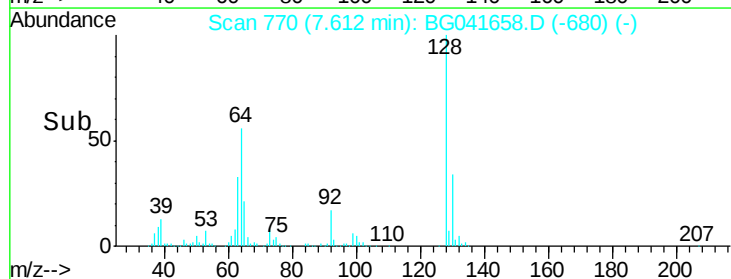
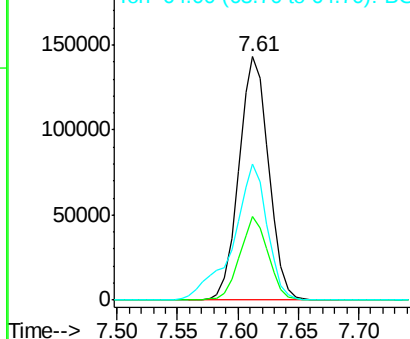
128 100

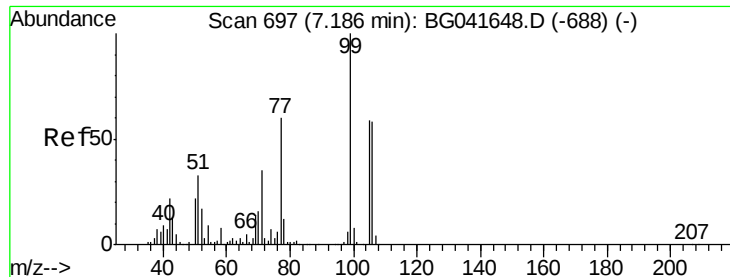
130 34.1 12.4 52.4

64 55.9 34.9 74.9



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





#9

Benzaldehyde

Concen: 42.684 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampled :

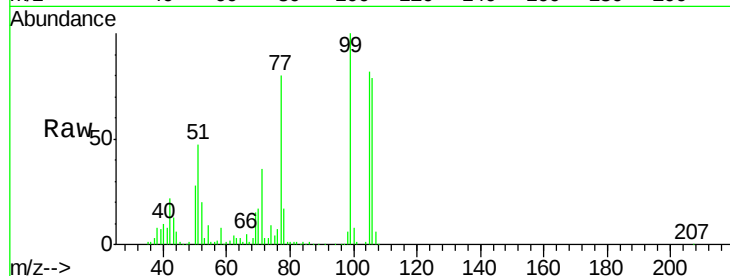
Tot Ion: 77 Resp: 183300

Ion Ratio Lower Upper

77 100

105 102.7 74.6 114.6

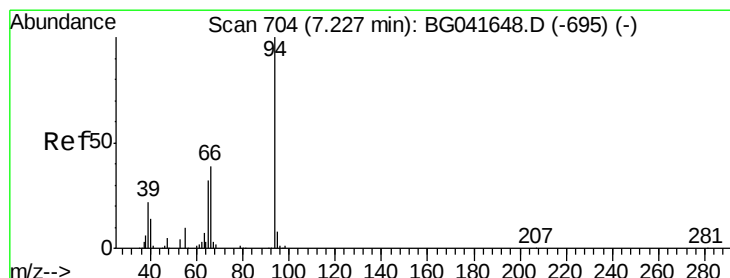
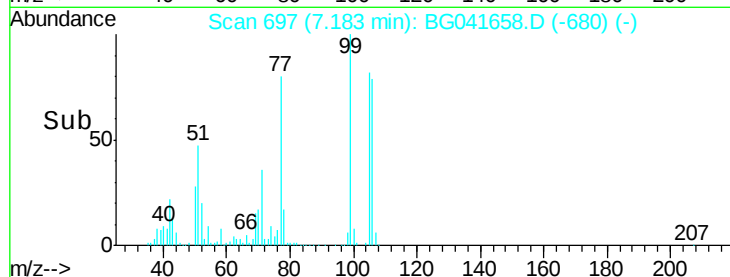
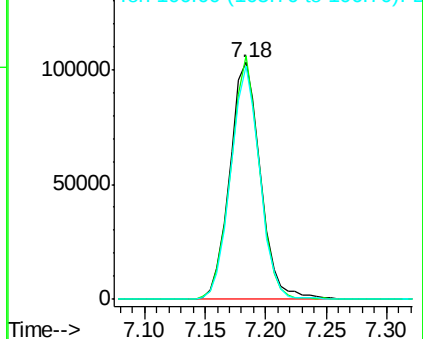
106 98.6 71.1 111.1



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: 41.281 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

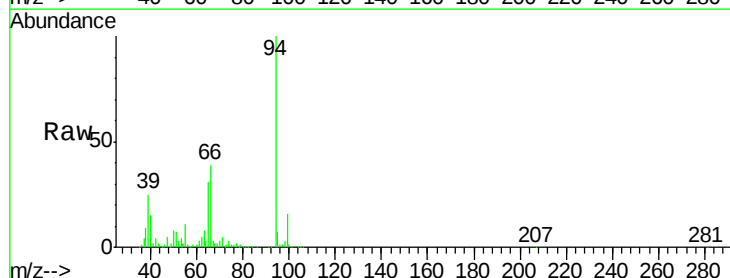
Tgt Ion: 94 Resp: 308525

Ion Ratio Lower Upper

94 100

65 30.9 10.6 50.6

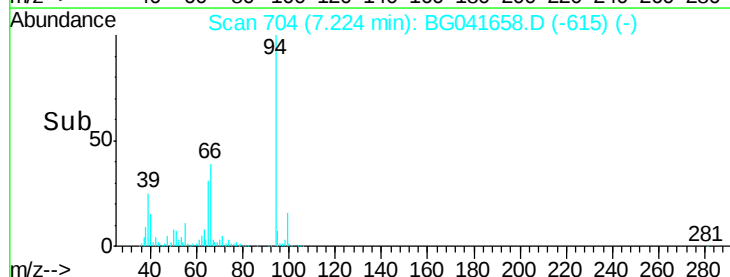
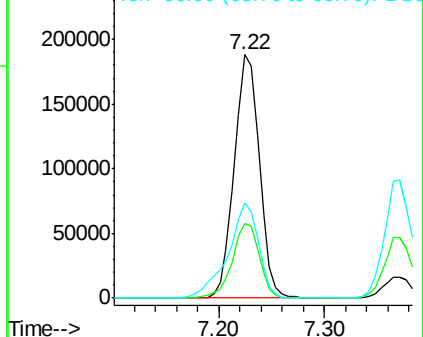
66 38.9 18.2 58.2

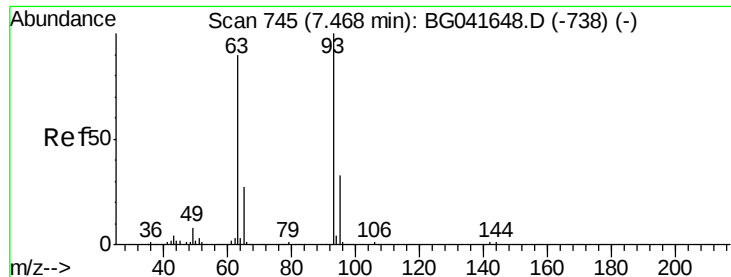


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

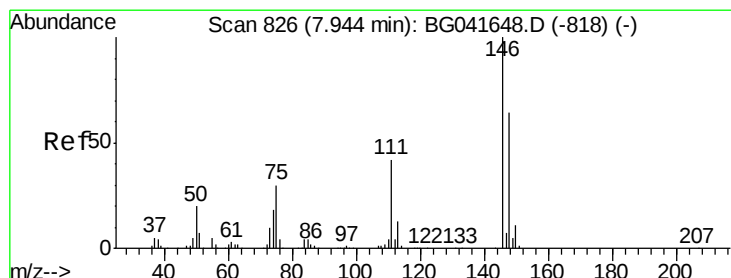
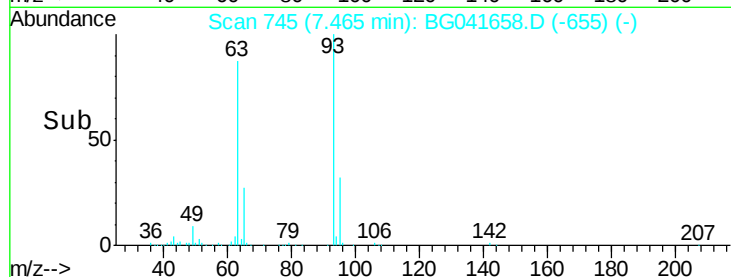
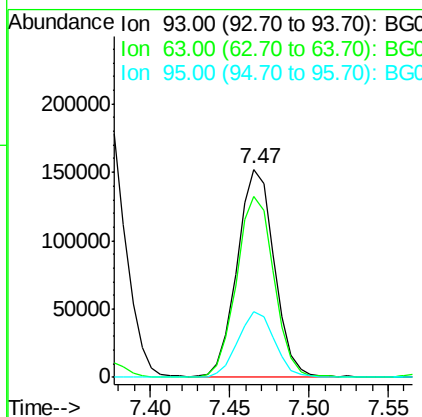
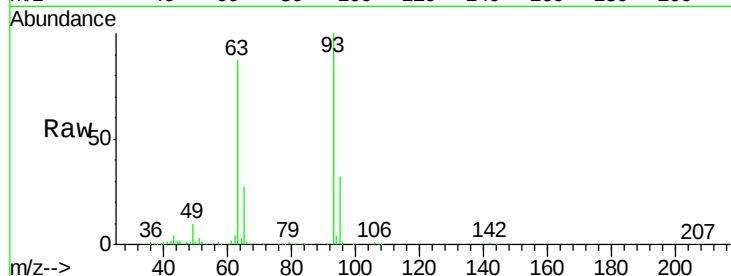




#11
bis(2-Chloroethyl)ether
Concen: 40.449 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

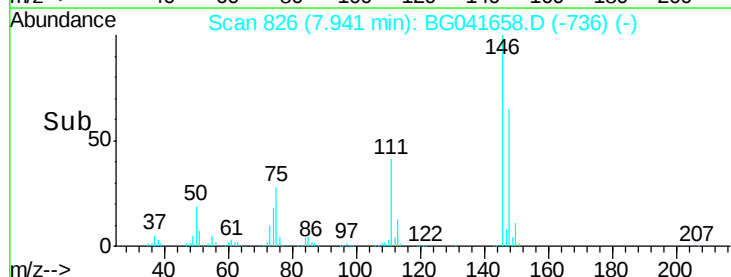
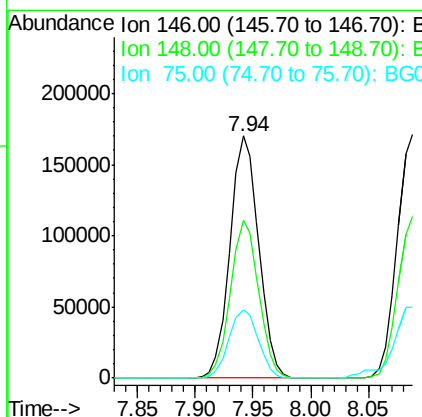
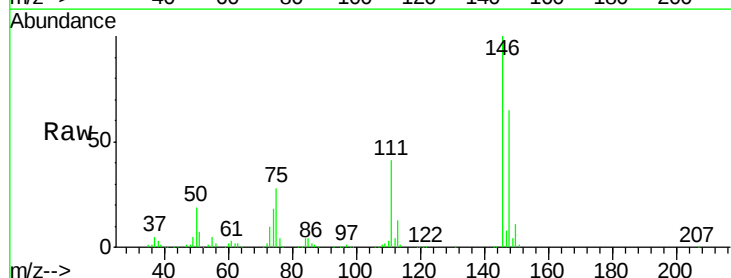
Instrument :
BNA_G
ClientSampleId :

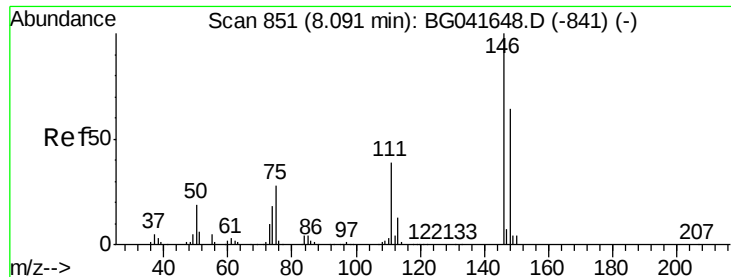
Tot Ion: 93 Resp: 244151
Ion Ratio Lower Upper
93 100
63 87.2 70.4 110.4
95 31.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.976 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Tgt Ion: 146 Resp: 291917
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
75 28.4 23.2 34.8

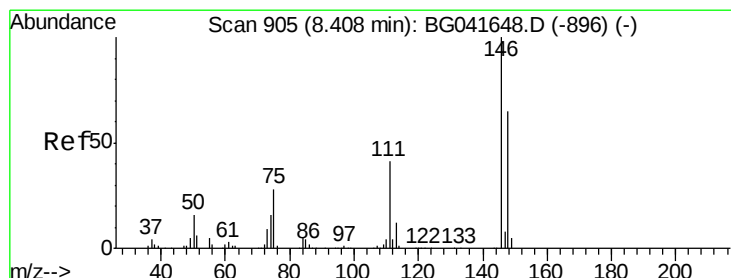
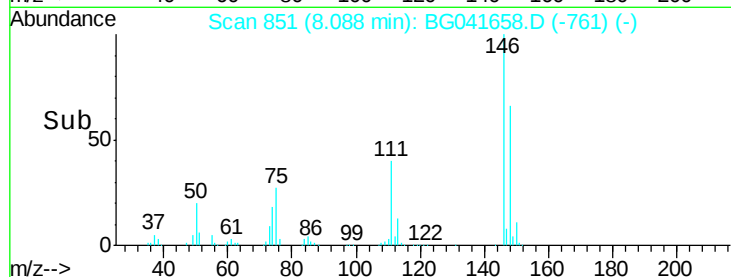
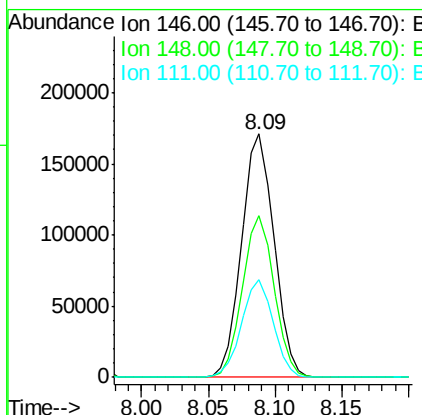
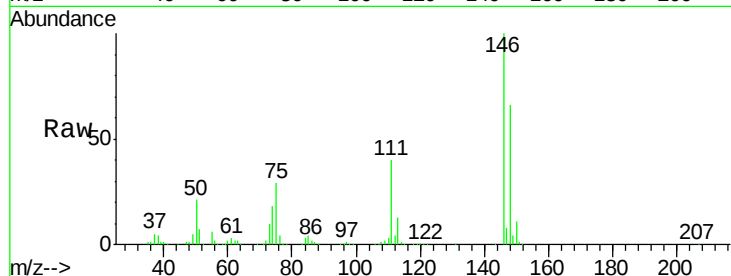




#13
 1,4-Dichlorobenzene
 Concen: 40.245 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

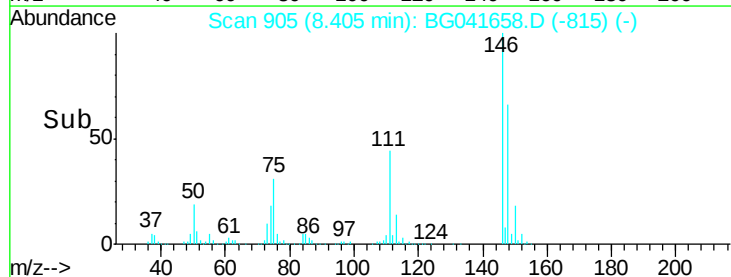
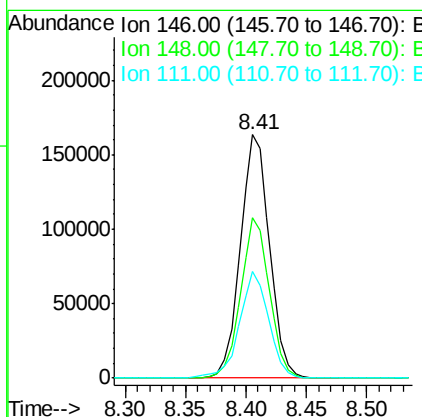
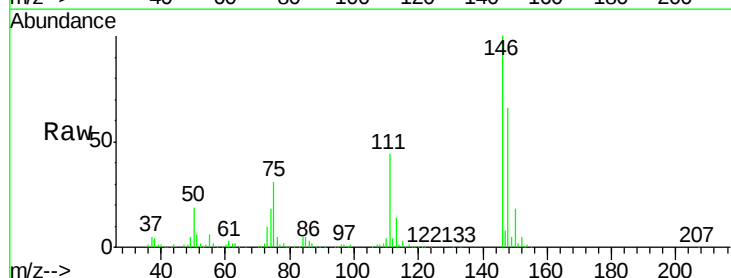
Instrument :
 BNA_G
 ClientSampleId :

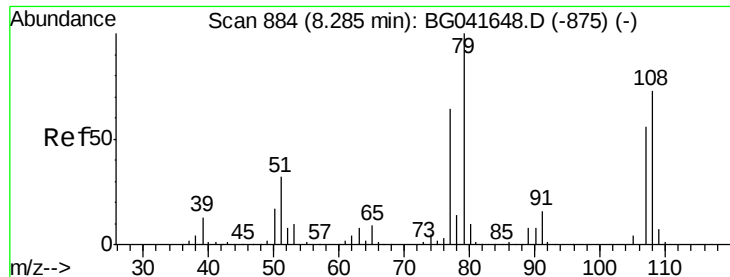
Tot Ion:146 Resp: 287124
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.6 79.0
 111 40.1 32.5 48.7



#14
 1,2-Dichlorobenzene
 Concen: 40.749 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Tgt Ion:146 Resp: 274097
 Ion Ratio Lower Upper
 146 100
 148 65.9 53.5 80.3
 111 43.8 35.4 53.0





#15

Benzyl Alcohol

Concen: 40.798 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

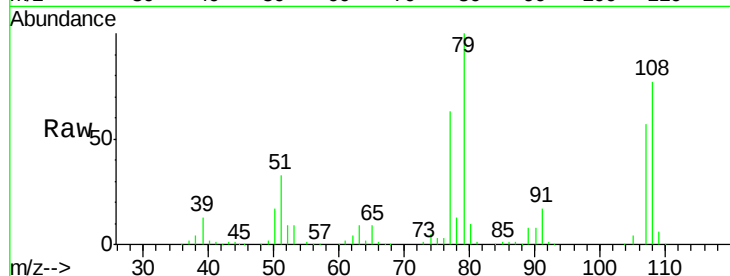
Tot Ion: 79 Resp: 230401

Ion Ratio Lower Upper

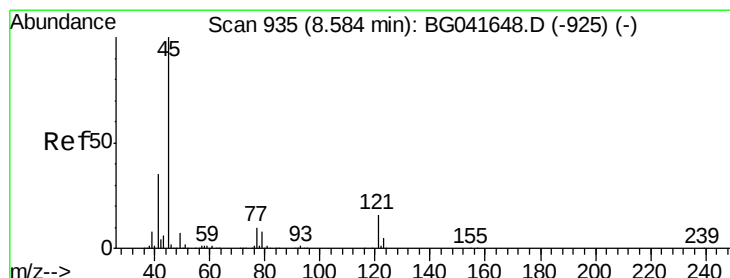
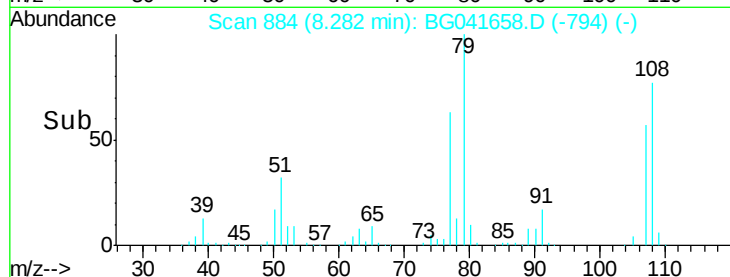
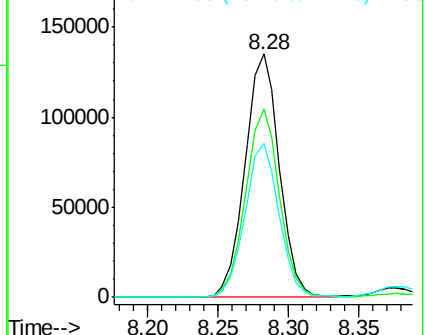
79 100

108 77.2 60.5 90.7

77 63.1 50.6 75.8



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: 40.998 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

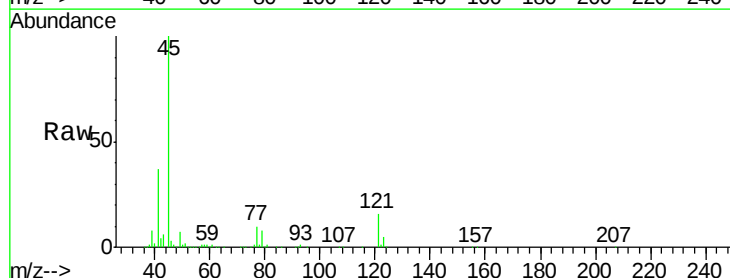
Tgt Ion: 45 Resp: 512769

Ion Ratio Lower Upper

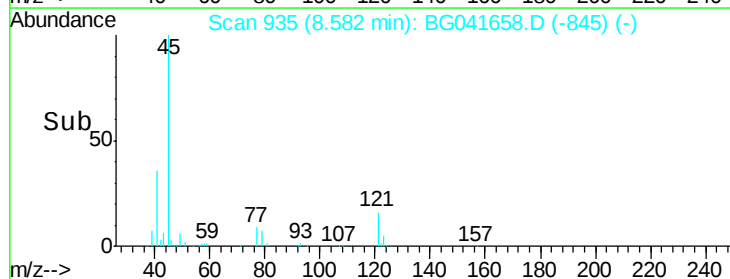
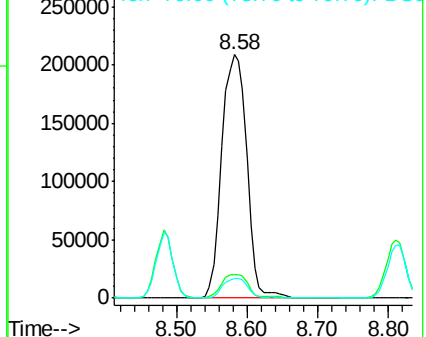
45 100

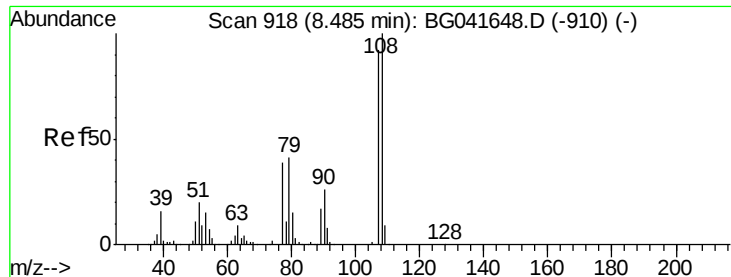
77 9.8 0.0 30.4

79 8.1 0.0 27.9



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: 41.076 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 212302

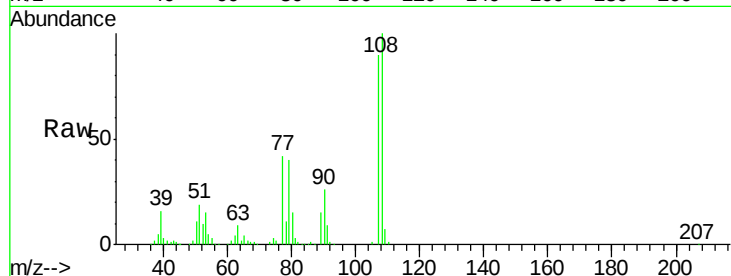
Ion Ratio Lower Upper

107 100

108 111.3 87.6 131.4

77 46.8 36.1 54.1

79 44.5 36.4 54.6

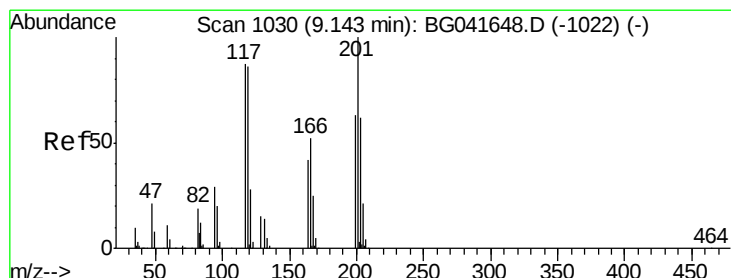
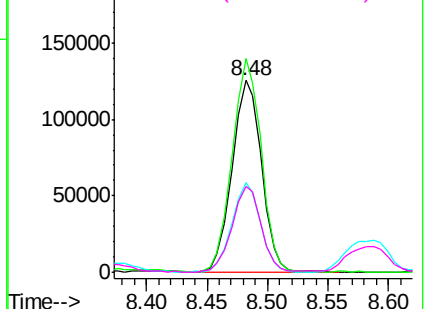
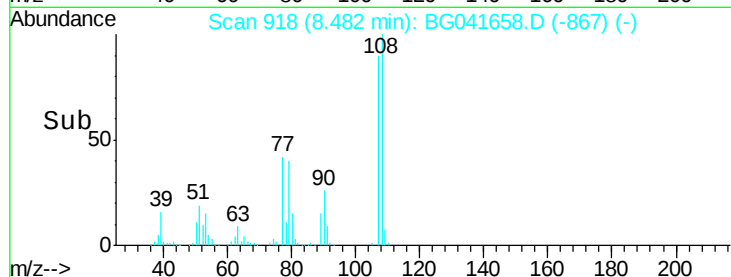


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.769 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

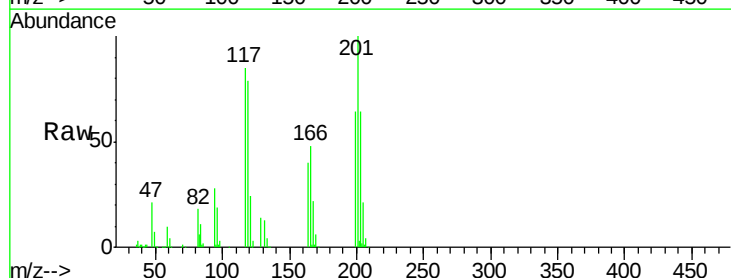
Tgt Ion:117 Resp: 106536

Ion Ratio Lower Upper

117 100

119 93.0 76.2 114.2

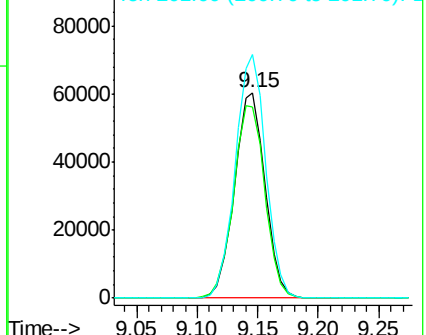
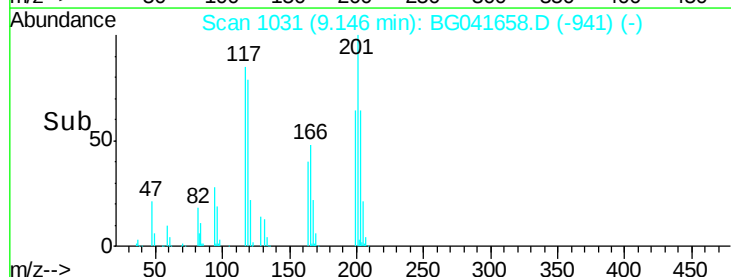
201 118.3 94.1 141.1

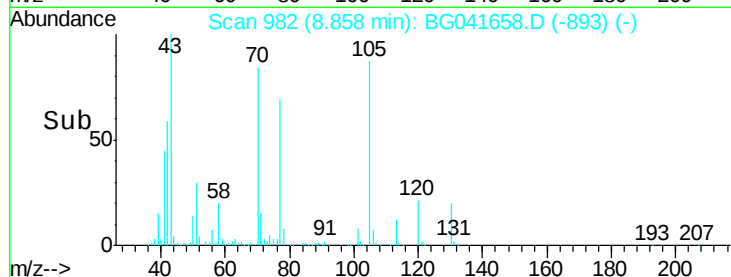
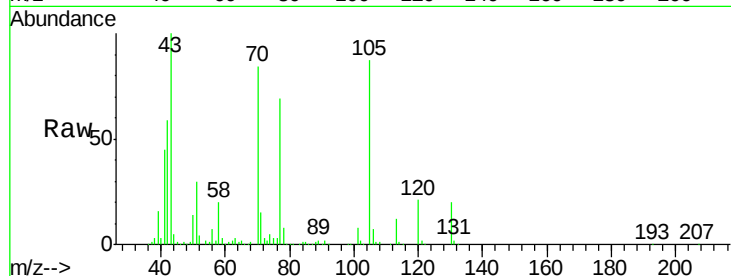
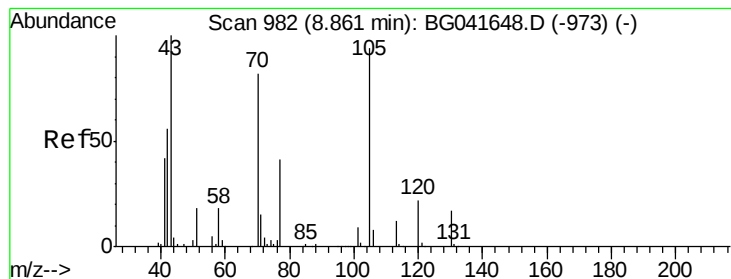


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.537 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 215362

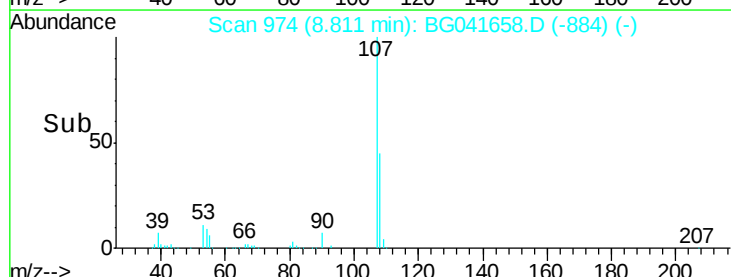
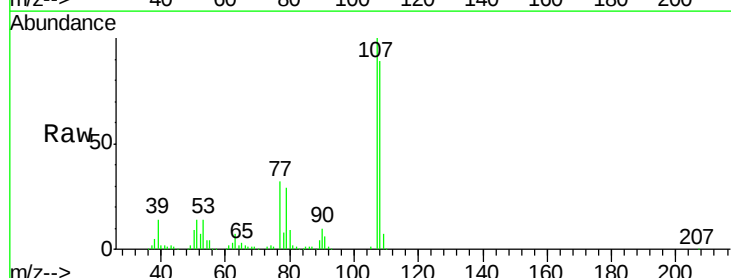
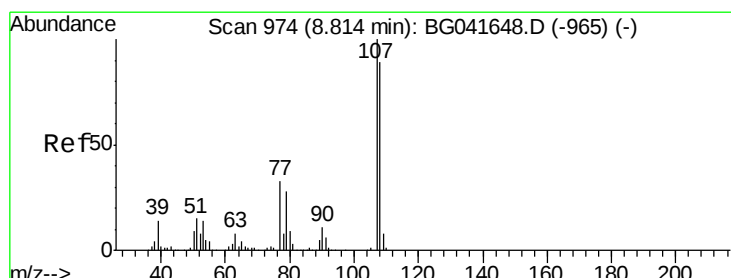
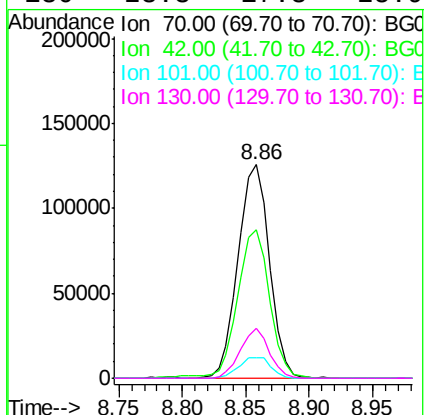
Ion Ratio Lower Upper

70 100

42 69.7 55.8 83.6

101 9.7 8.1 12.1

130 23.3 17.3 25.9



#20

3+4-Methylphenols

Concen: 42.190 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Tgt Ion: 107 Resp: 298818

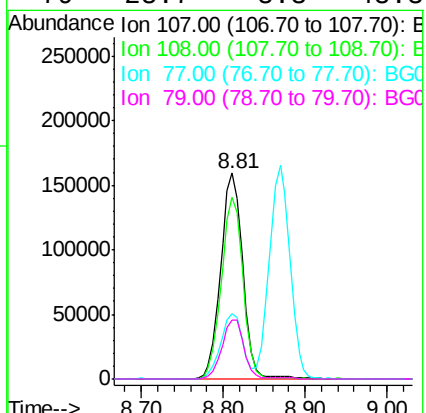
Ion Ratio Lower Upper

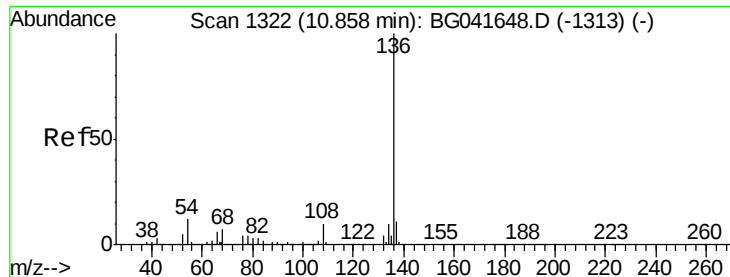
107 100

108 88.5 67.5 107.5

77 31.6 12.3 52.3

79 28.7 8.3 48.3

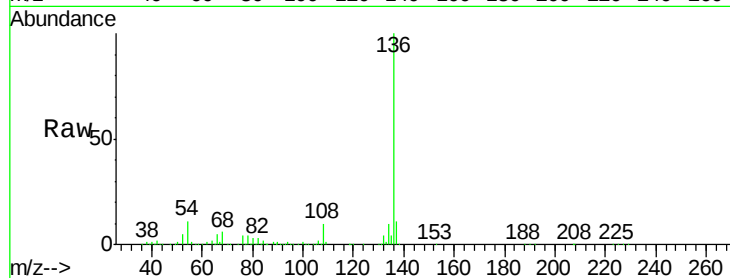




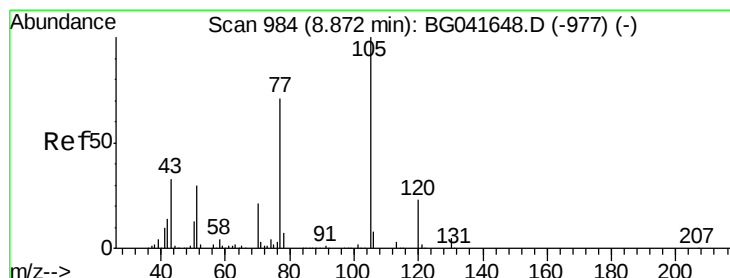
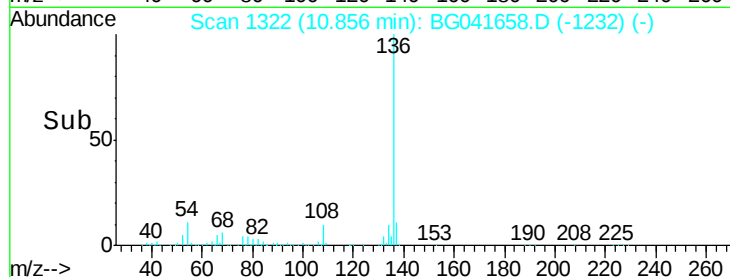
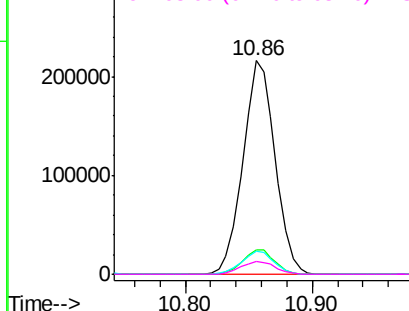
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	378764
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	10.6	8.7	13.1
68	5.8	5.5	8.3

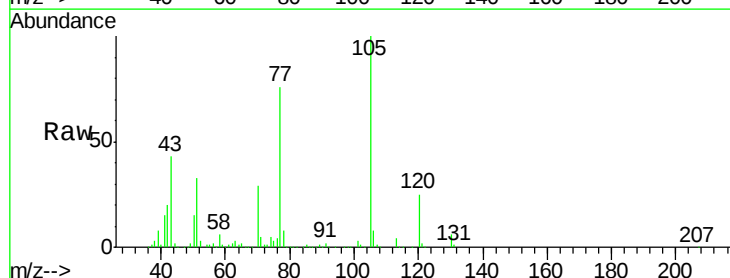


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

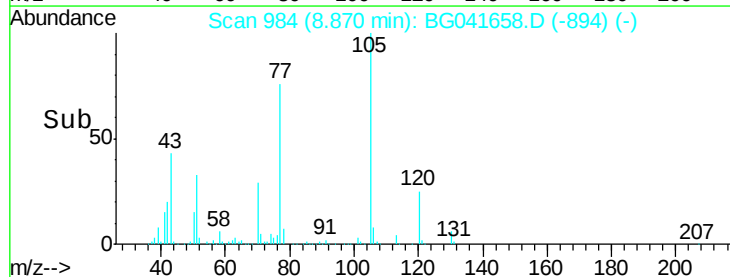
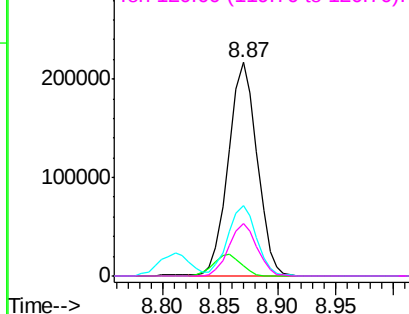


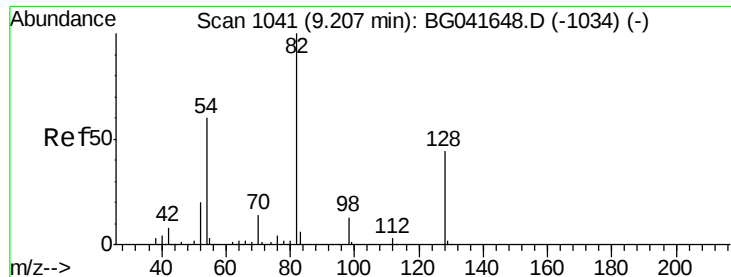
#22
Acetophenone
Concen: 40.738 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Tgt Ion:	105	Resp:	375806
Ion	Ratio	Lower	Upper
105	100		
71	4.9	5.9	8.9#
51	33.0	27.7	41.5
120	24.6	19.3	28.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

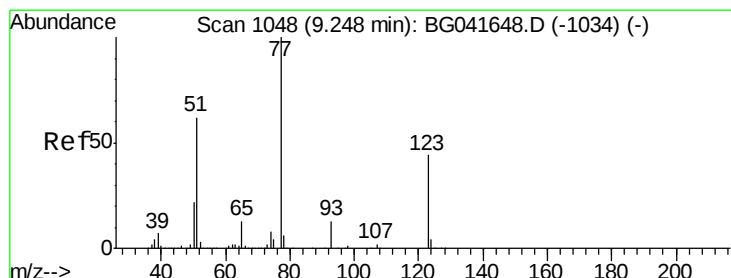
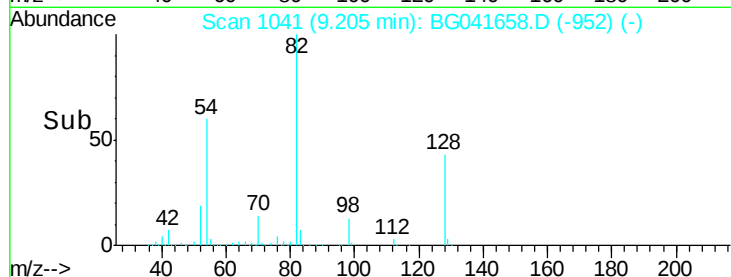
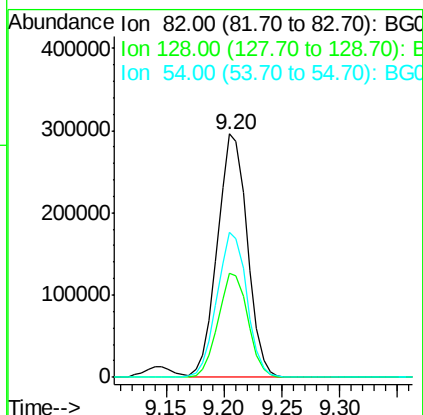
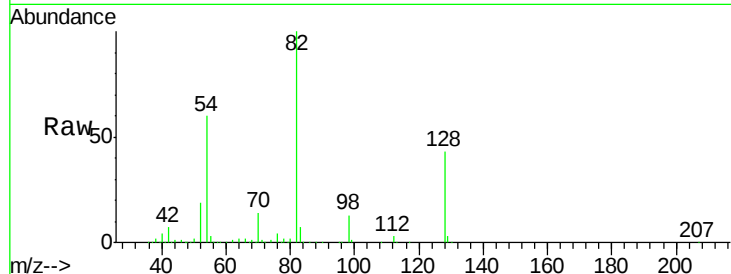




#23
Nitrobenzene-d5
Concen: 85.262 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

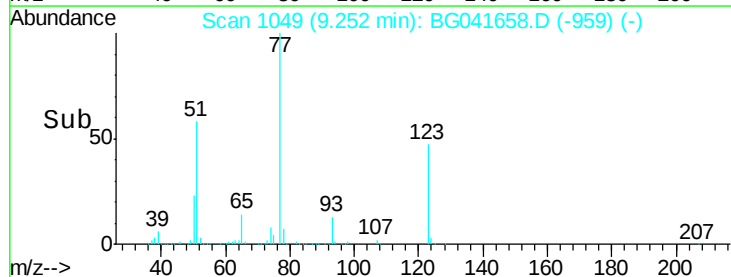
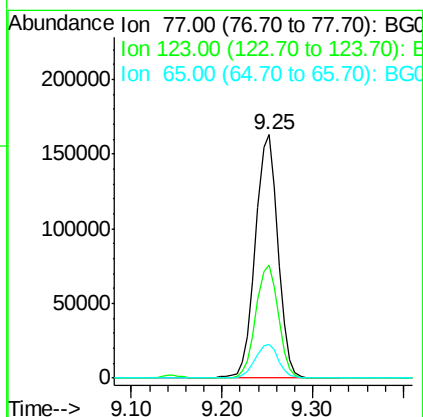
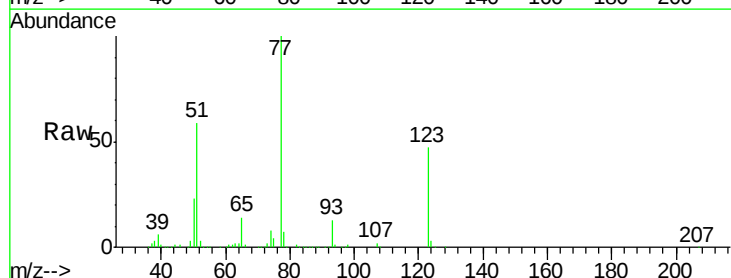
Instrument :
BNA_G
ClientSampleId :

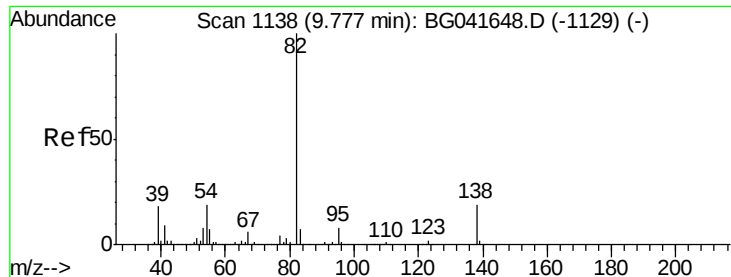
Tot Ion	82	Resp	531023
Ion Ratio	Lower	Upper	
82	100		
128	42.5	35.1	52.7
54	59.6	48.7	73.1



#24
Nitrobenzene
Concen: 41.654 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Tgt Ion	77	Resp	283000
Ion Ratio	Lower	Upper	
77	100		
123	46.7	38.1	57.1
65	13.7	11.0	16.6





#25

Isophorone

Concen: 41.520 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

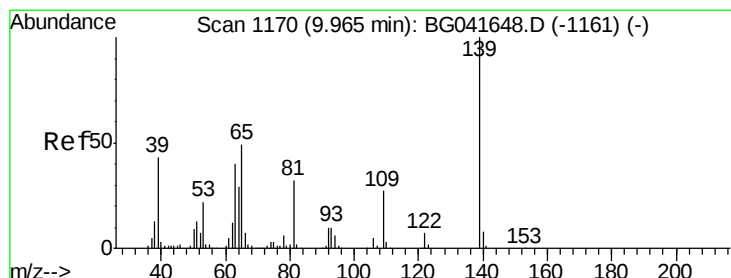
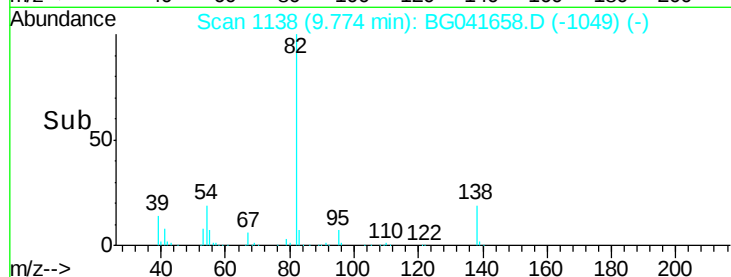
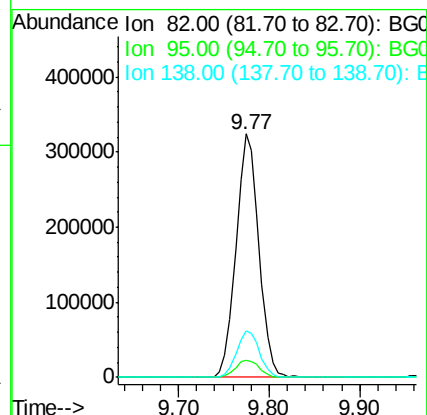
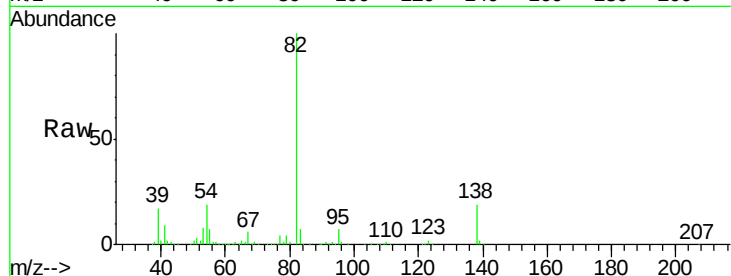
Tot Ion: 82 Resp: 566243

Ion Ratio Lower Upper

82 100

95 6.9 5.9 8.9

138 19.1 16.3 24.5



#26

2-Nitrophenol

Concen: 42.091 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

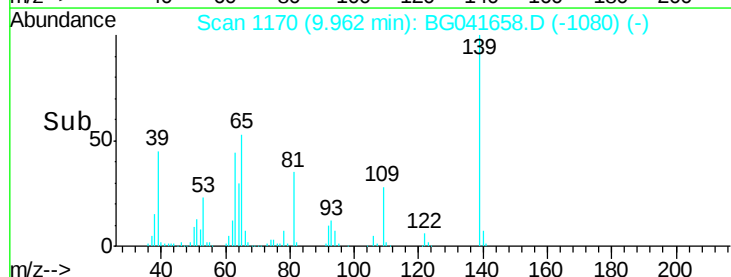
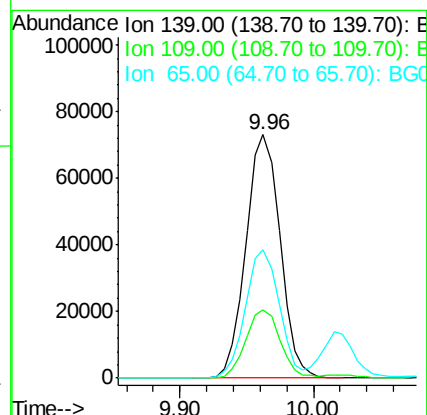
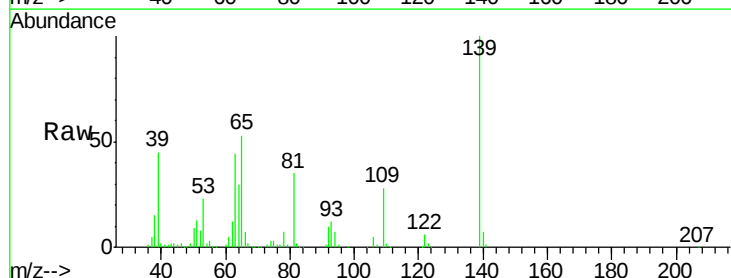
Tgt Ion: 139 Resp: 129213

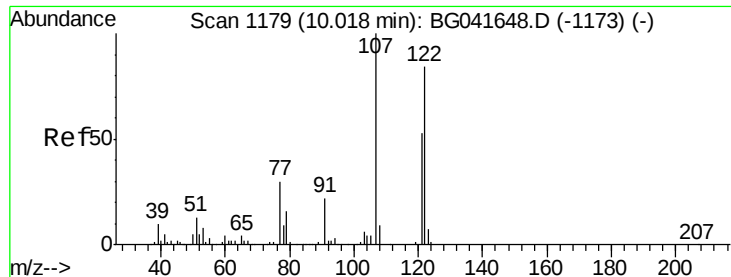
Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

65 52.6 41.1 61.7

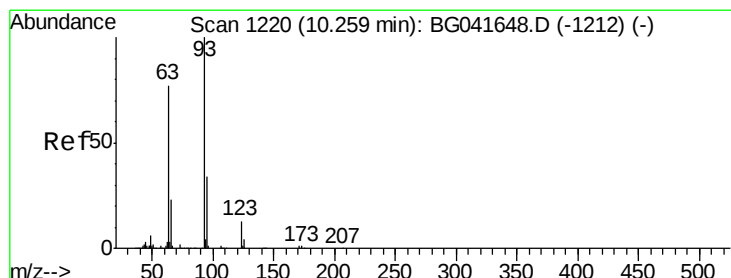
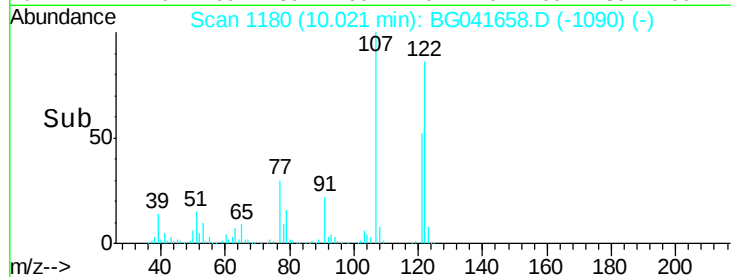
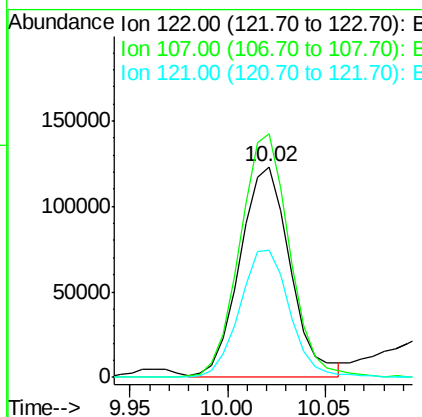
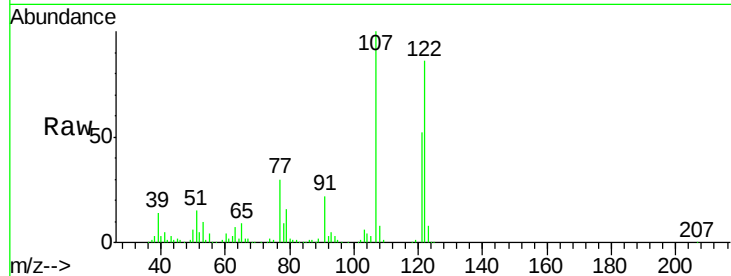




#27
 2,4-Dimethylphenol
 Concen: 40.867 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

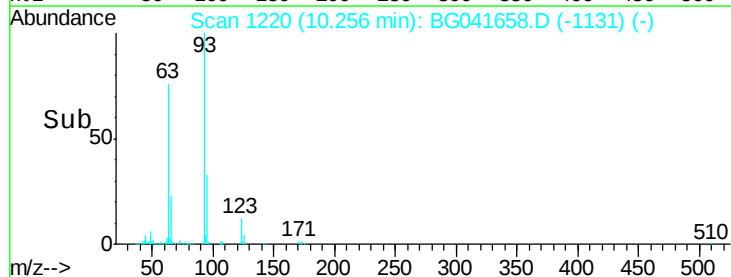
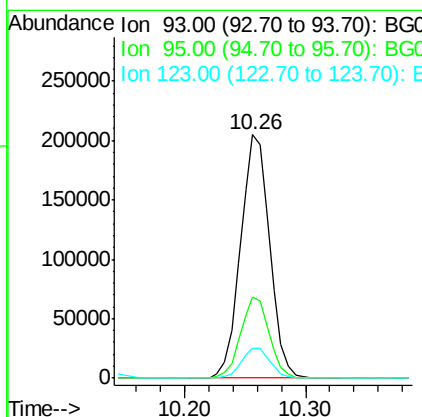
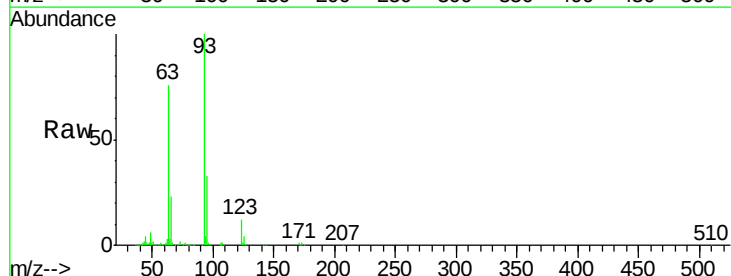
Instrument :
 BNA_G
 ClientSampled :

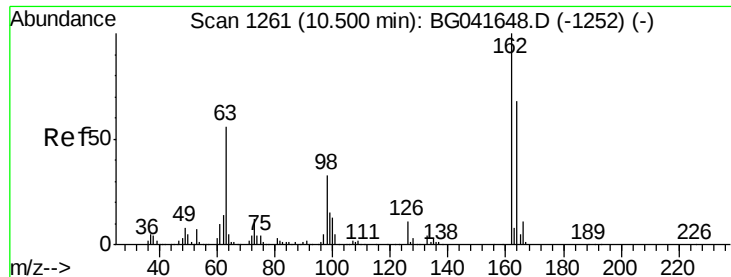
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.3	136.9
121	60.7	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.927 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	12.2	9.9	14.9

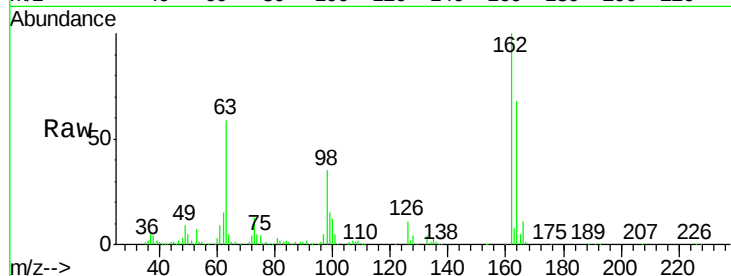




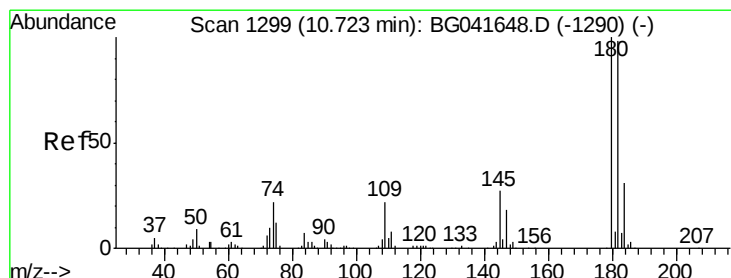
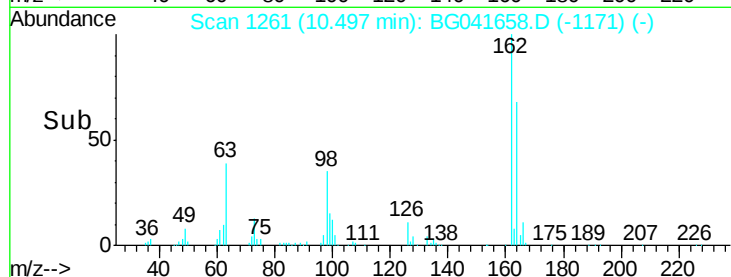
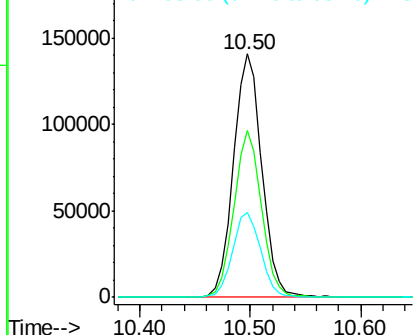
#29
 2,4-Dichlorophenol
 Concen: 41.320 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.3	46.1	86.1
98	35.1	14.7	54.7

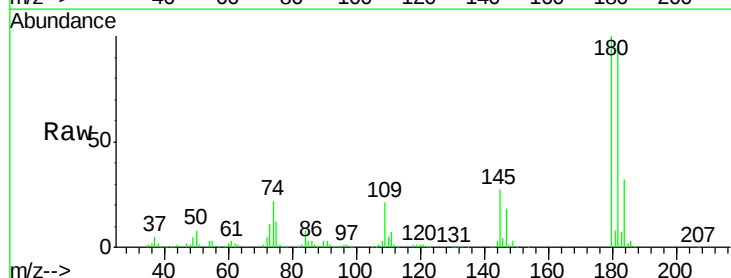


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

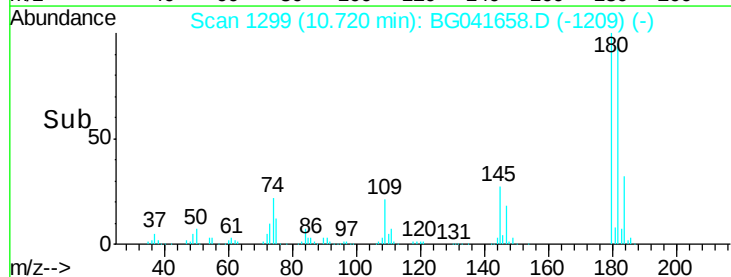
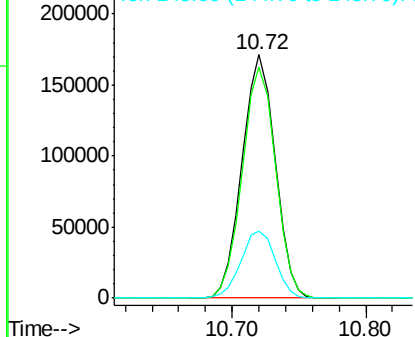


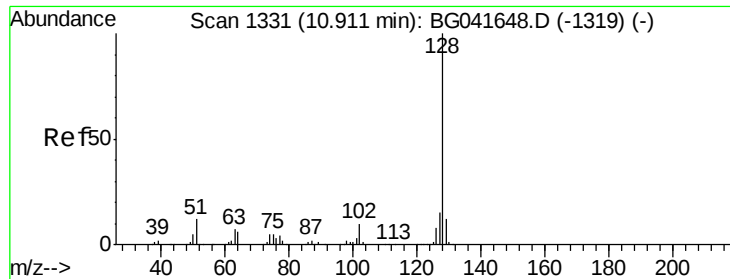
#30
 1,2,4-Trichlorobenzene
 Concen: 40.730 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.2
145	27.4	23.8	35.8



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

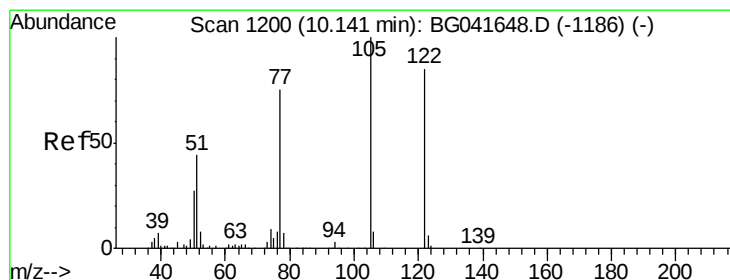
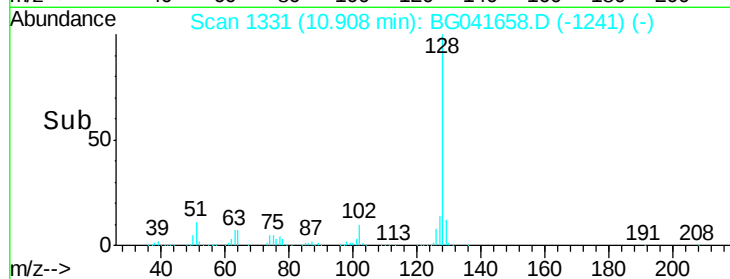
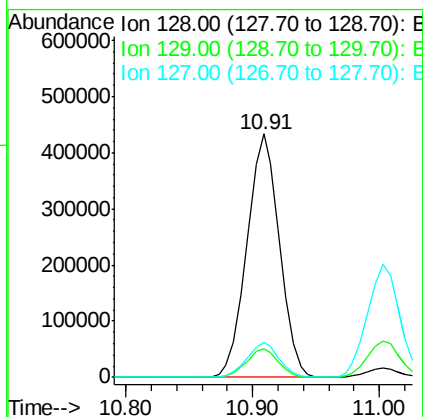
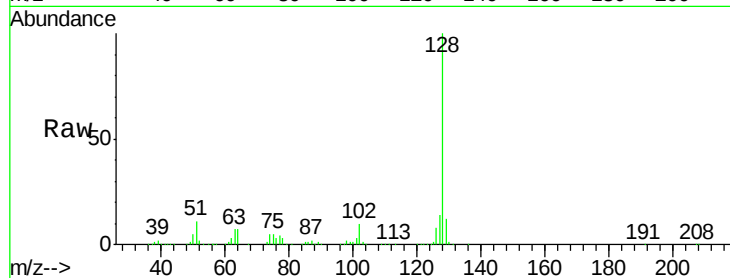




#31
Naphthalene
Concen: 41.338 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

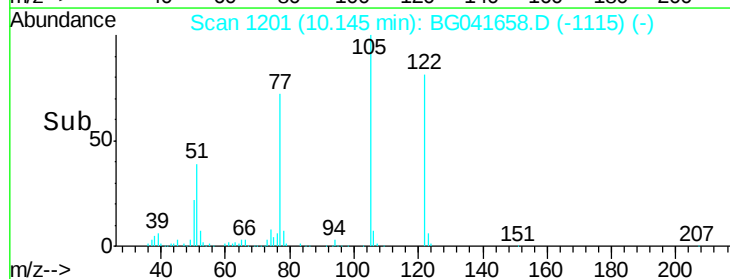
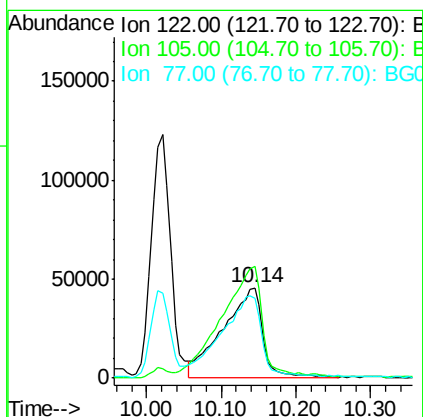
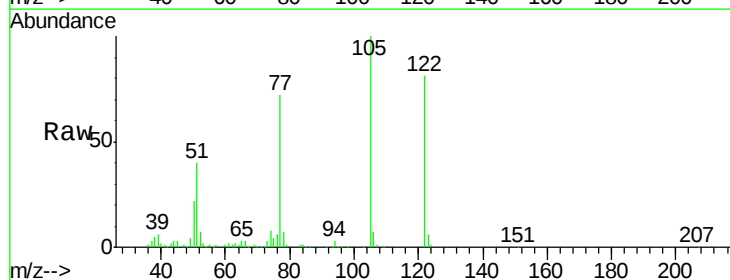
Instrument :
BNA_G
ClientSampleId :

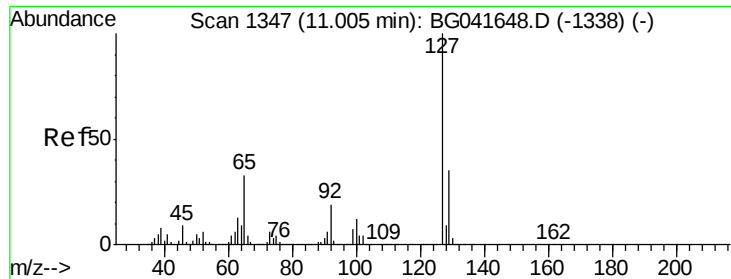
Tot Ion:128 Resp: 770841
Ion Ratio Lower Upper
128 100
129 11.6 10.0 15.0
127 14.4 12.3 18.5



#32
Benzoic acid
Concen: 42.553 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Tgt Ion:122 Resp: 171119
Ion Ratio Lower Upper
122 100
105 123.7 101.5 141.5
77 89.2 73.0 113.0

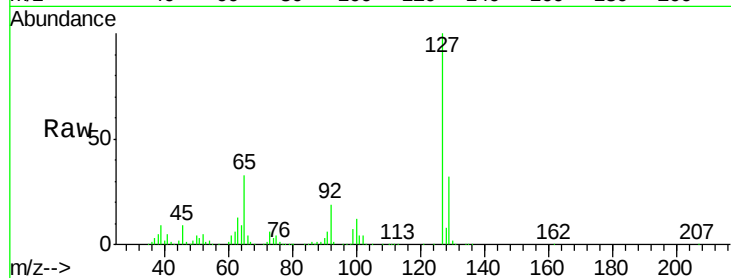




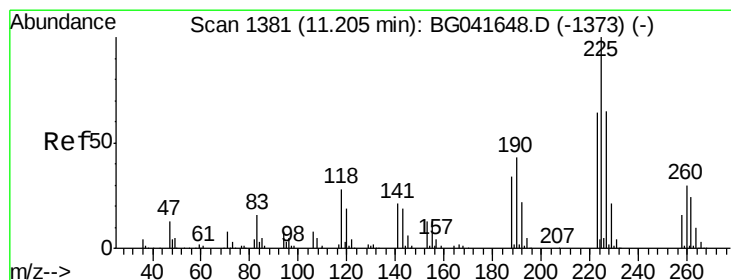
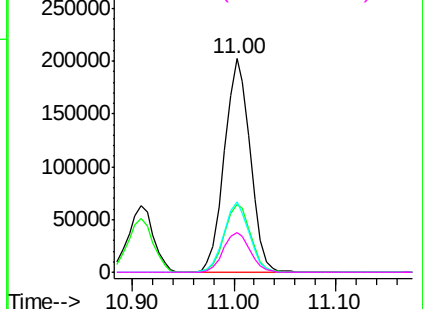
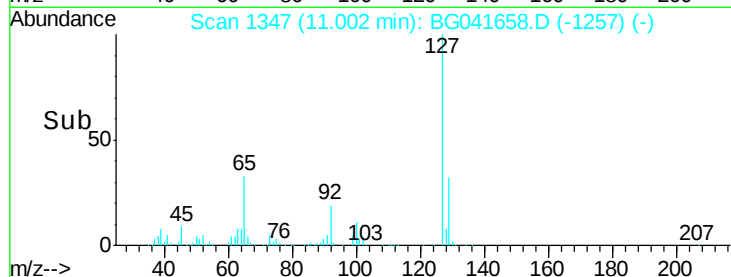
#33
4-Chloroaniline
Concen: 41.496 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	356927
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.8
65	33.0	26.7	40.1
92	18.8	15.4	23.0

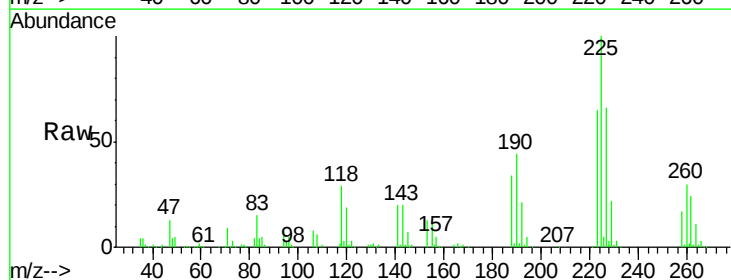


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

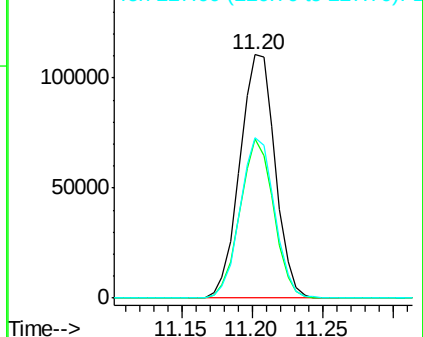
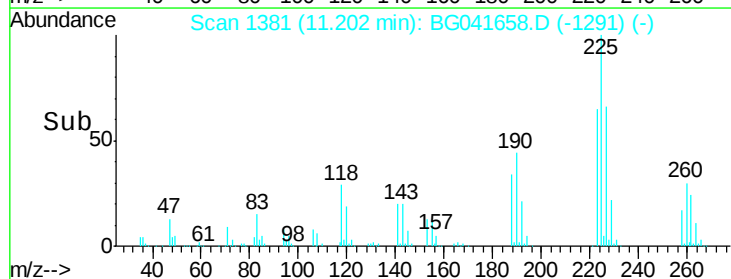


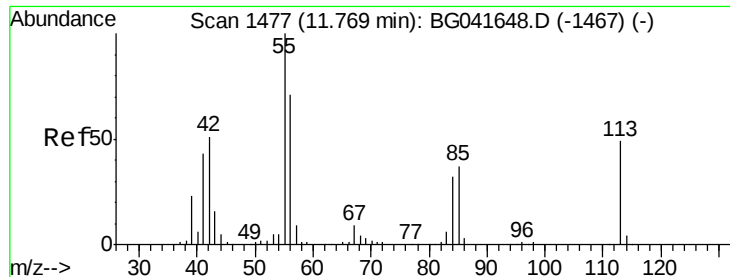
#34
Hexachlorobutadiene
Concen: 41.672 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Tgt Ion:	225	Resp:	193475
Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.1	76.7
227	65.9	50.9	76.3



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: 41.608 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

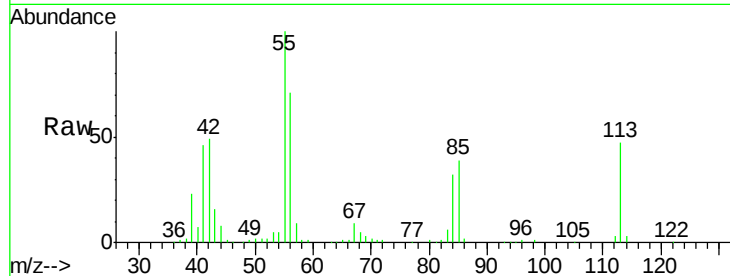
Tot Ion:113 Resp: 94088

Ion Ratio Lower Upper

113 100

55 212.8 199.4 239.4

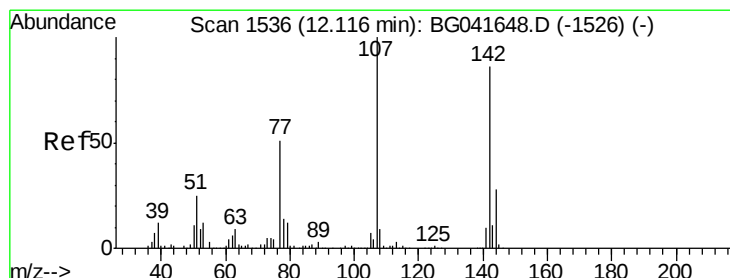
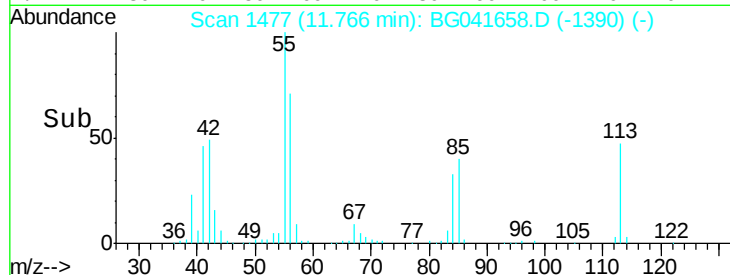
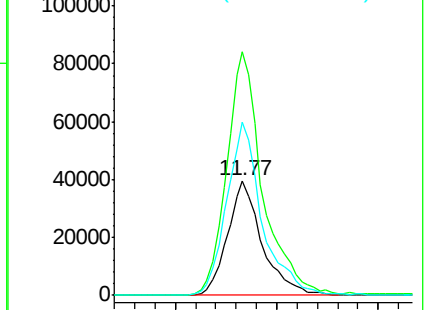
56 150.9 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.894 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

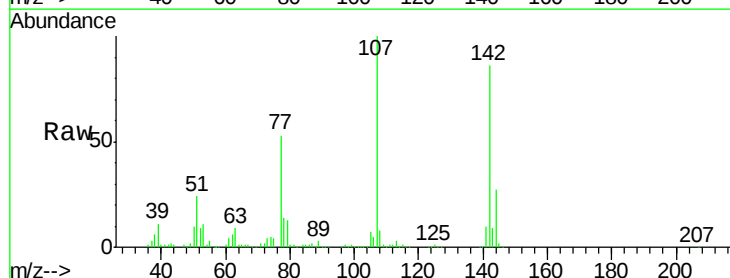
Tgt Ion:107 Resp: 270012

Ion Ratio Lower Upper

107 100

144 27.4 22.2 33.2

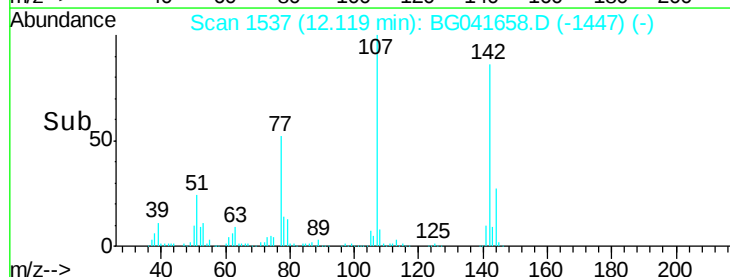
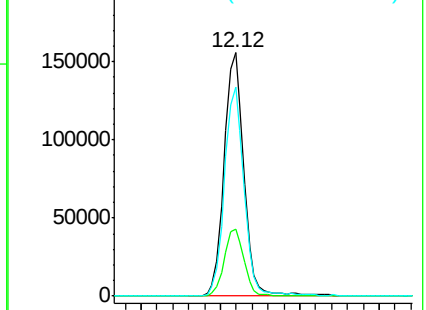
142 85.9 67.3 100.9

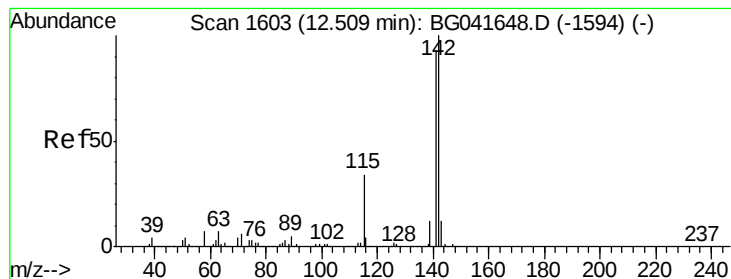


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

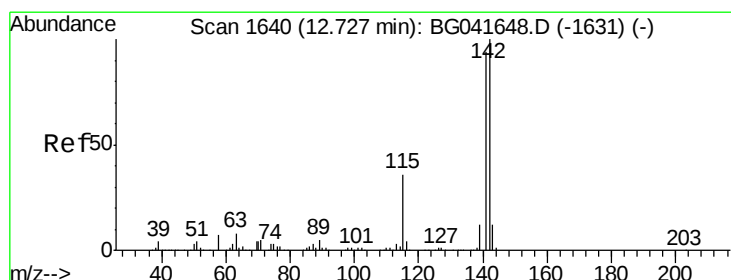
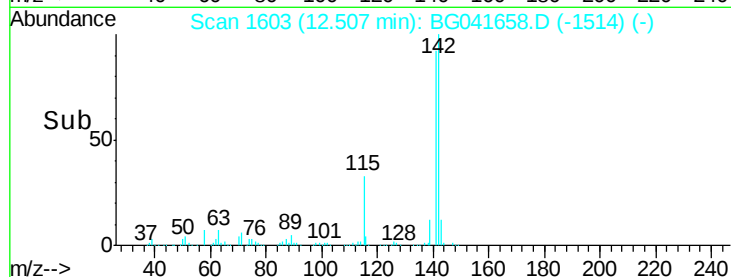
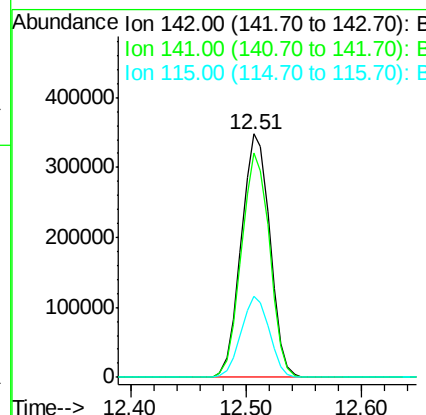
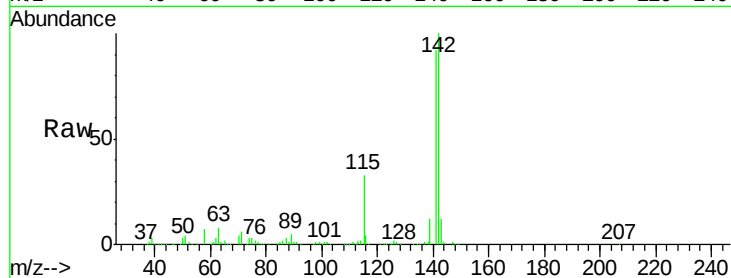




#37
2-Methylnaphthalene
Concen: 41.918 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

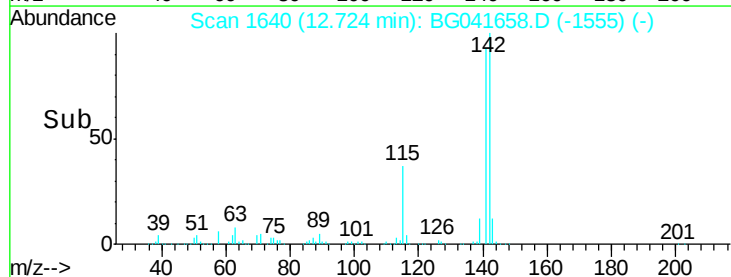
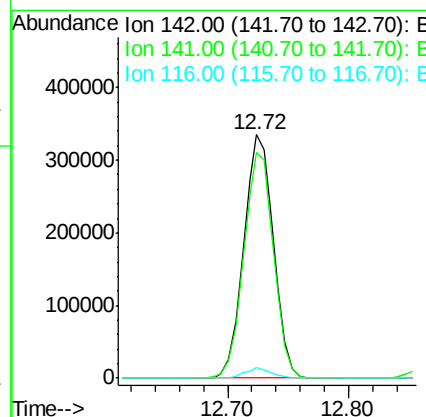
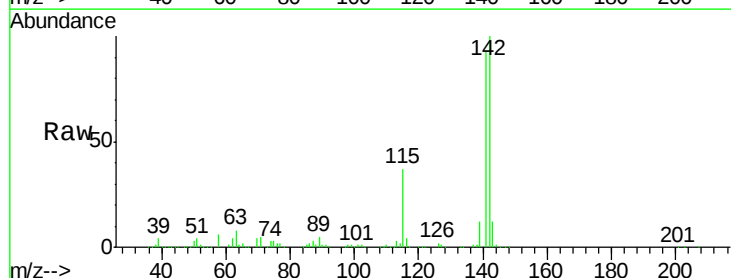
Instrument :
BNA_G
ClientSampleId :

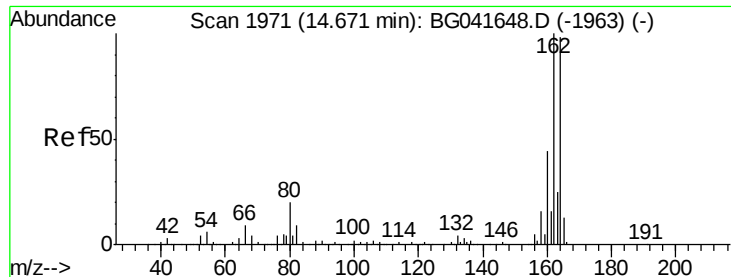
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.7	109.1
115	33.2	27.0	40.4



#38
1-Methylnaphthalene
Concen: 42.011 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.4	113.2
116	4.2	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

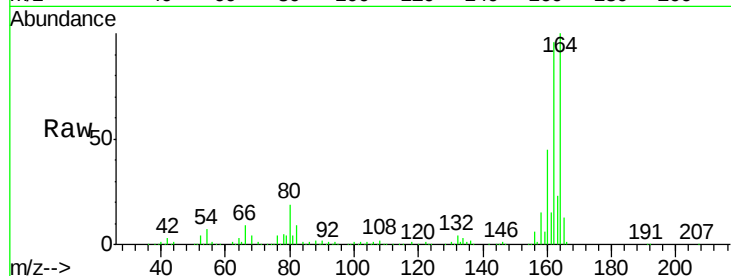
Tot Ion:164 Resp: 241228

Ion Ratio Lower Upper

164 100

162 96.5 79.6 119.4

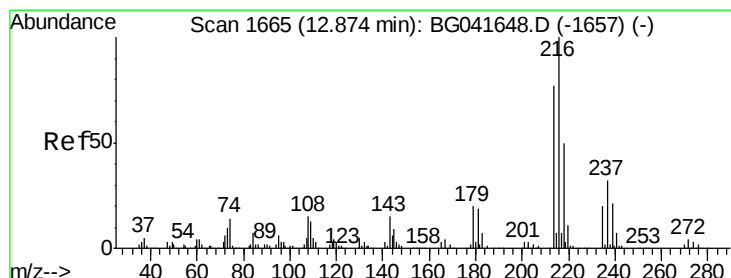
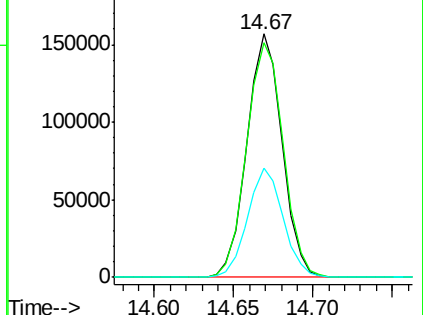
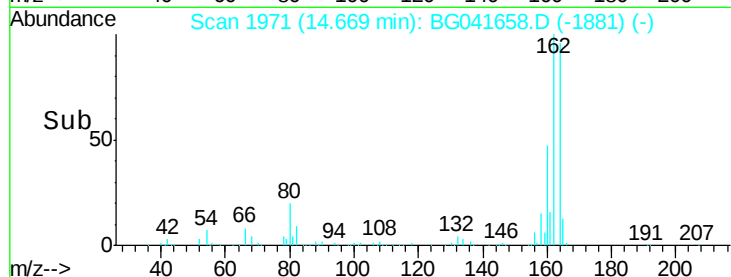
160 45.0 35.4 53.0



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: 40.604 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Tgt Ion:216 Resp: 335507

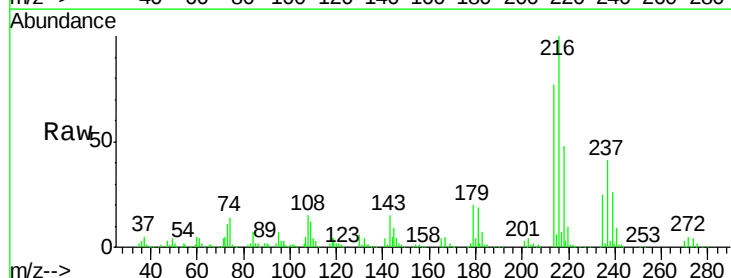
Ion Ratio Lower Upper

216 100

214 76.6 61.5 92.3

179 19.6 16.2 24.2

108 15.5 13.2 19.8

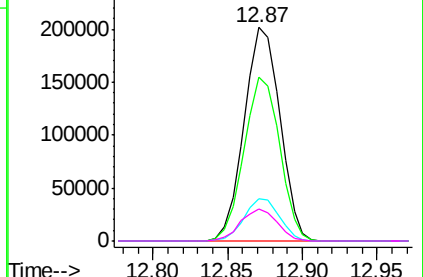
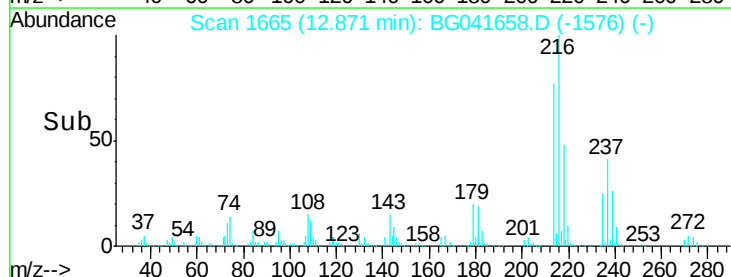


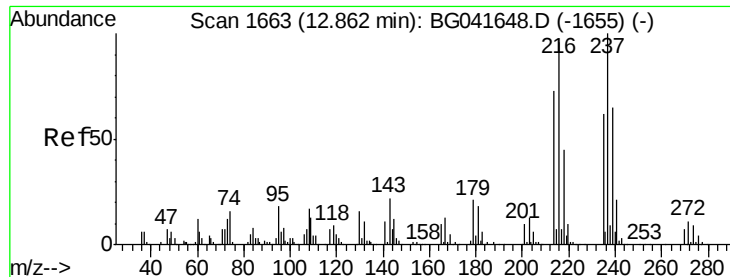
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.487 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

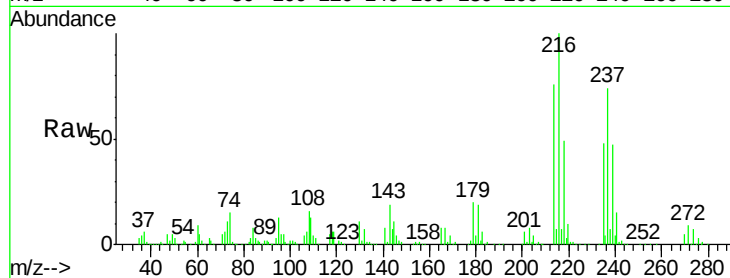
Tot Ion:237 Resp: 189244

Ion Ratio Lower Upper

237 100

235 64.9 43.5 83.5

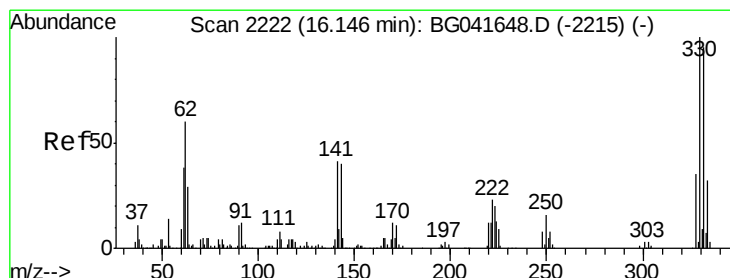
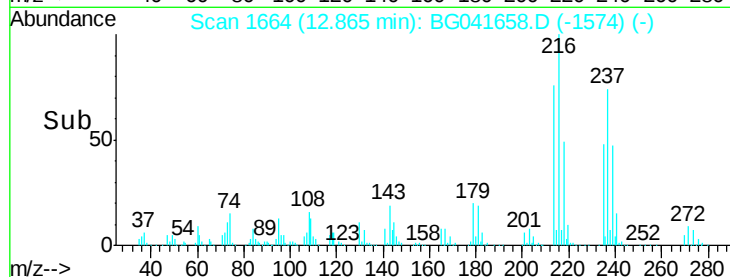
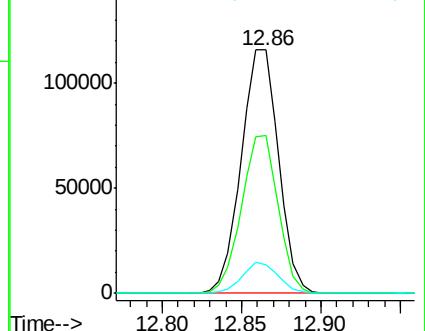
272 11.7 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 88.565 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

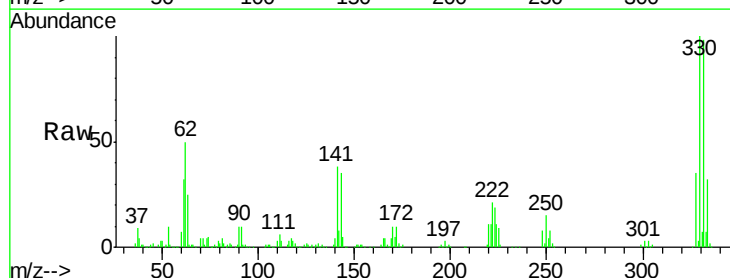
Tgt Ion:330 Resp: 240774

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

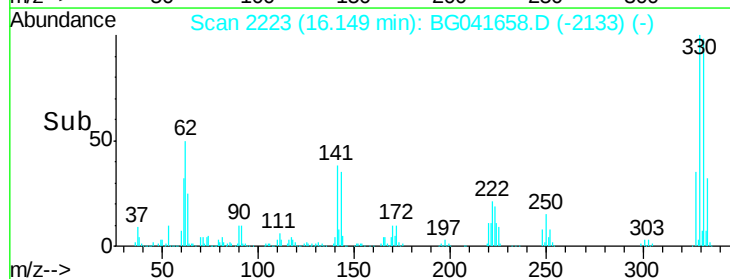
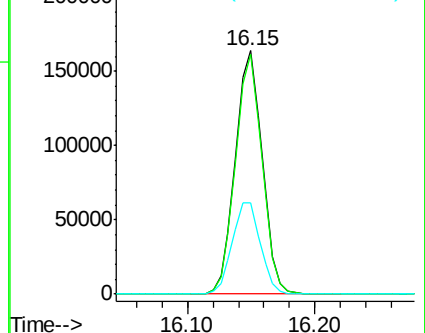
141 39.2 31.9 47.9

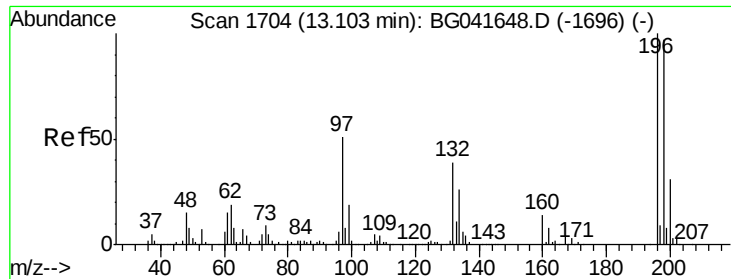


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

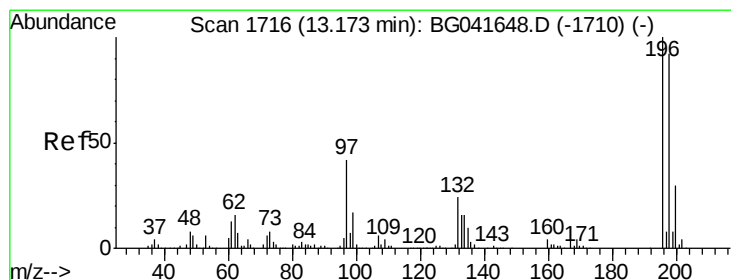
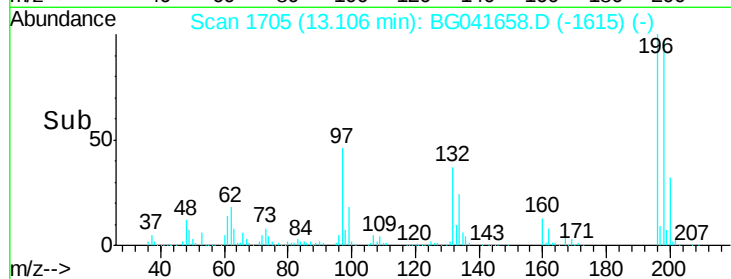
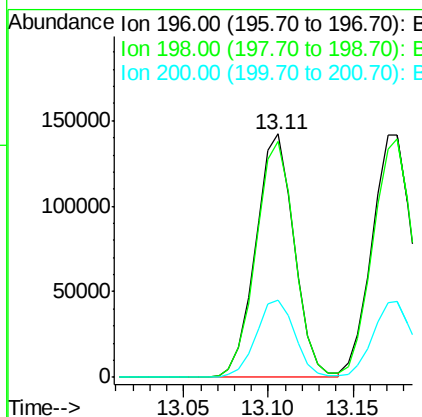
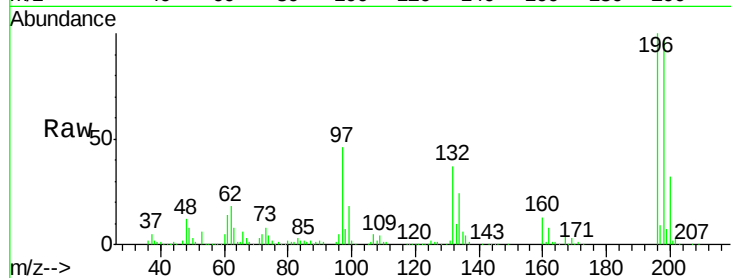




#43
 2,4,6-Trichlorophenol
 Concen: 41.971 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

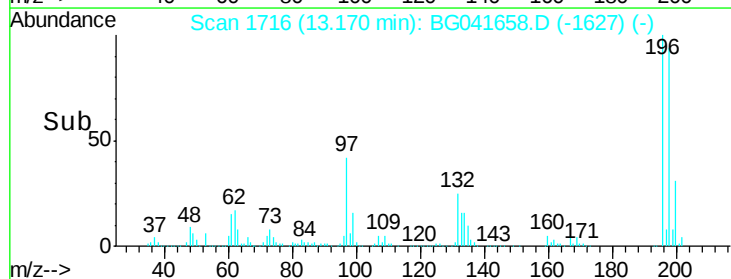
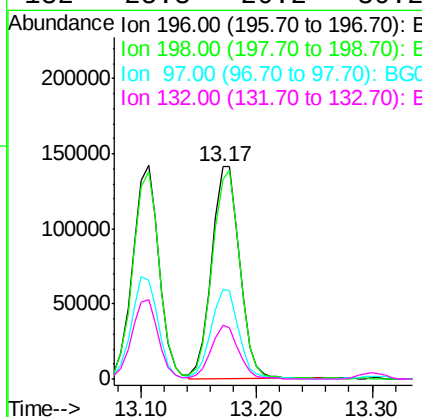
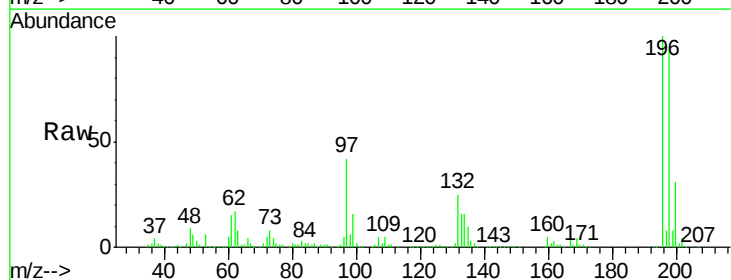
Instrument :
 BNA_G
 ClientSampleId :

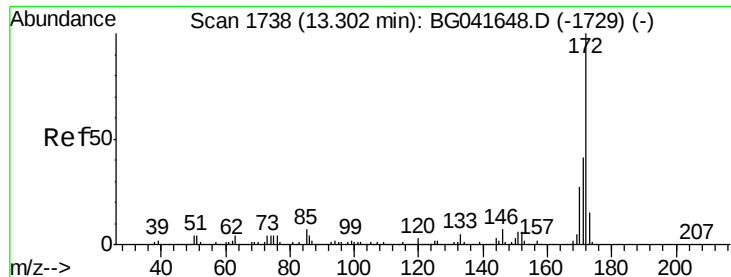
Tot Ion:196 Resp: 225339
 Ion Ratio Lower Upper
 196 100
 198 96.9 79.6 119.4
 200 31.6 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.969 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Tgt Ion:196 Resp: 237409
 Ion Ratio Lower Upper
 196 100
 198 94.3 80.6 121.0
 97 42.3 33.9 50.9
 132 25.3 20.2 30.2

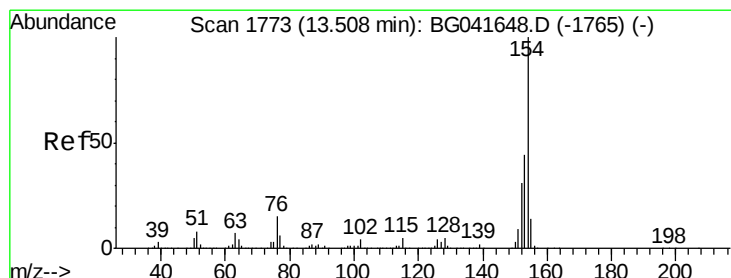
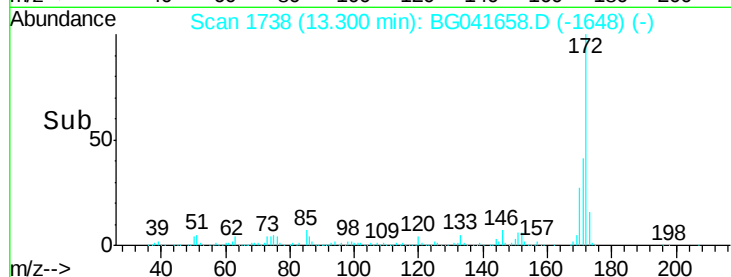
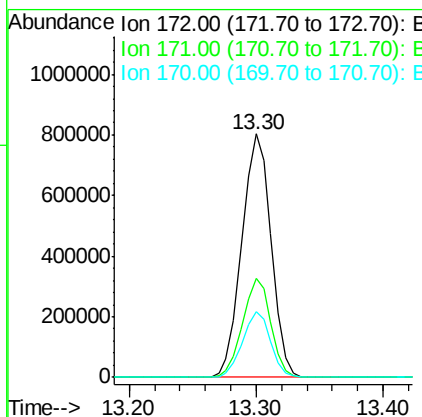
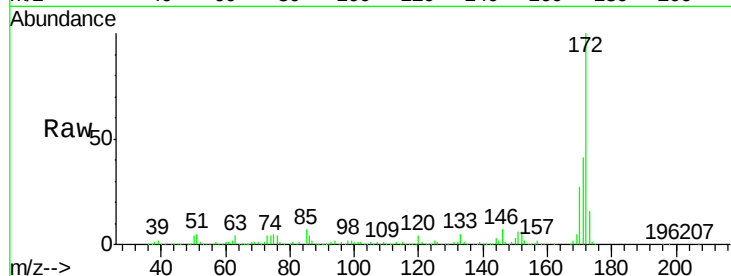




#45
 2-Fluorobiphenyl
 Concen: 82.141 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

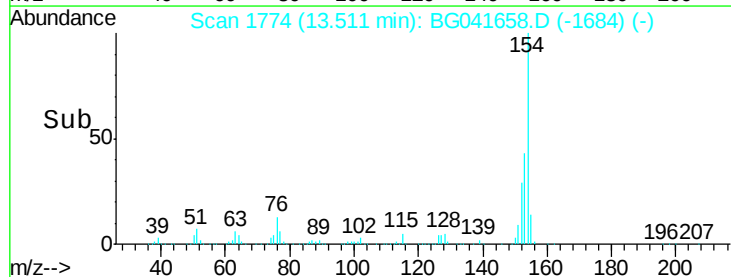
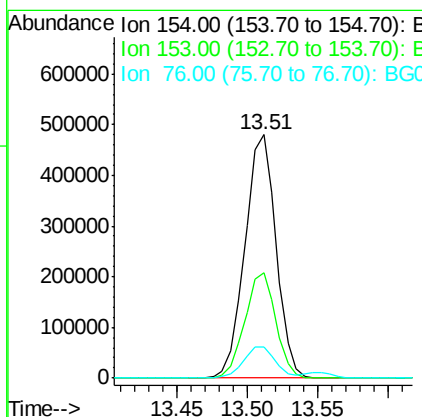
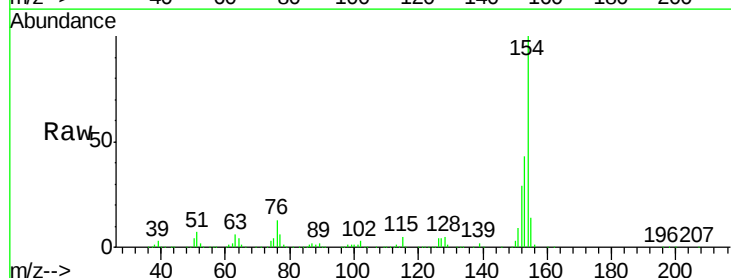
Instrument :
 BNA_G
 ClientSampleId :

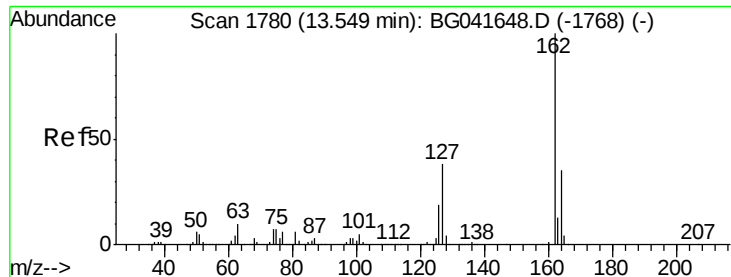
Tot Ion:172 Resp: 1279608
 Ion Ratio Lower Upper
 172 100
 171 40.8 35.0 52.4
 170 26.9 23.5 35.3



#46
 1,1'-Biphenyl
 Concen: 40.975 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Tgt Ion:154 Resp: 740522
 Ion Ratio Lower Upper
 154 100
 153 43.4 25.0 65.0
 76 12.7 0.0 34.5

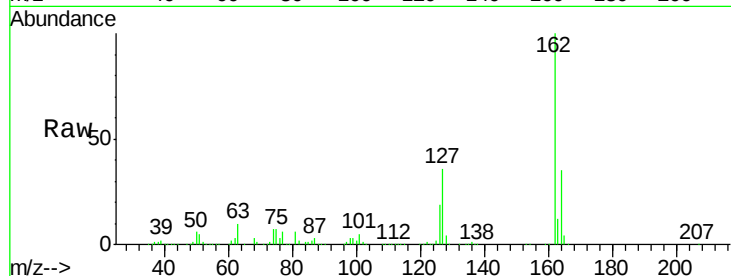




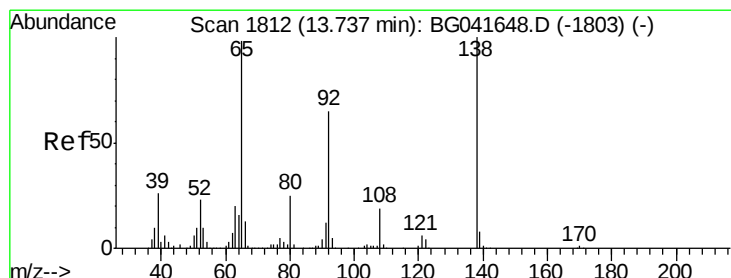
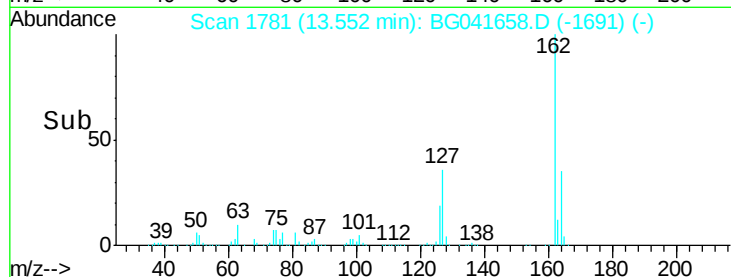
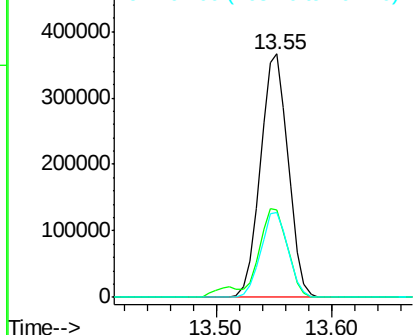
#47
2-Chloronaphthalene
Concen: 40.626 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	30.4	45.6
164	34.9	28.6	42.8

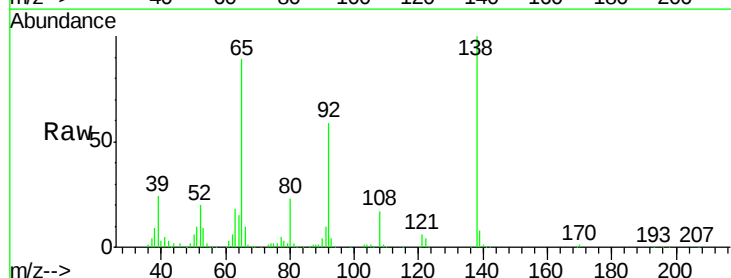


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

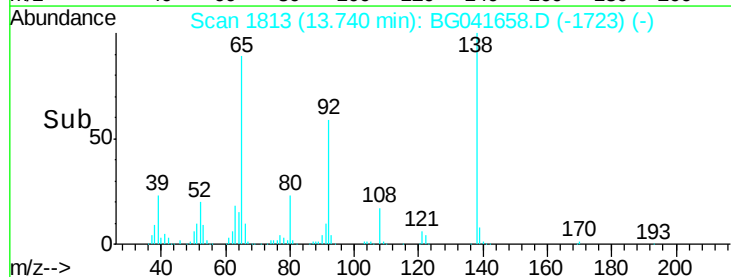
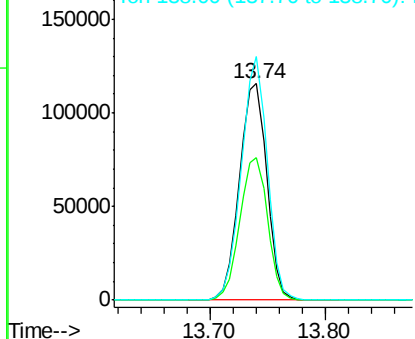


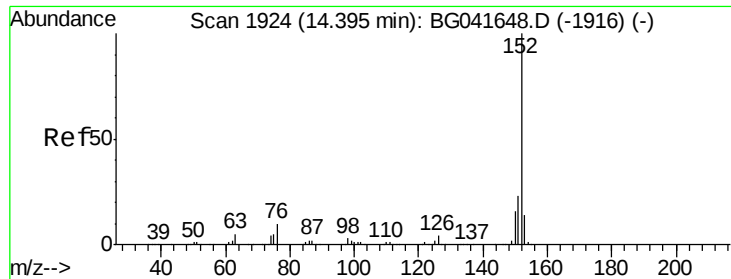
#48
2-Nitroaniline
Concen: 43.546 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	53.9	80.9
138	112.6	83.5	125.3



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





#49

Acenaphthylene

Concen: 41.160 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

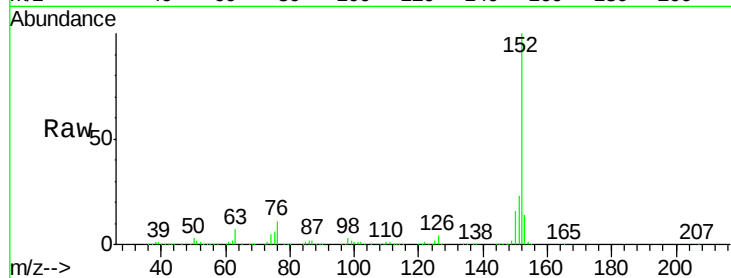
Tot Ion:152 Resp: 967805

Ion Ratio Lower Upper

152 100

151 22.7 18.7 28.1

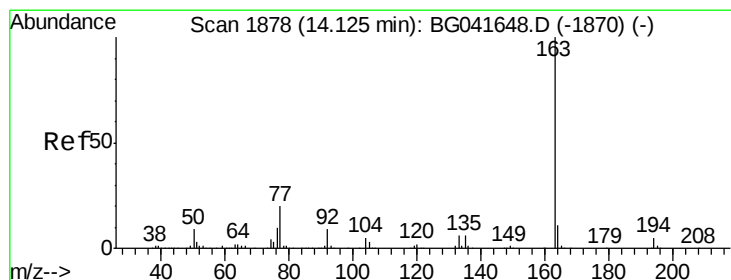
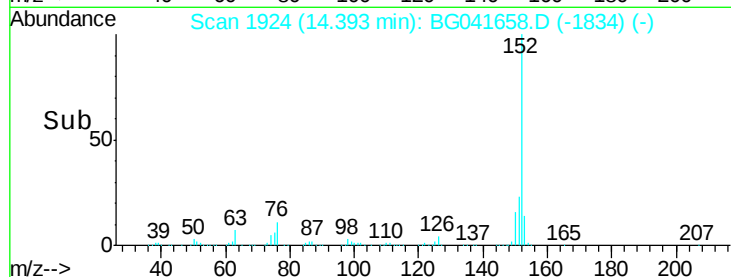
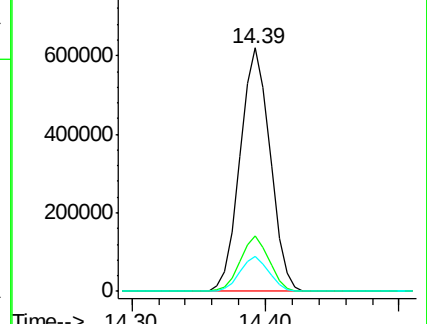
153 14.2 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.847 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

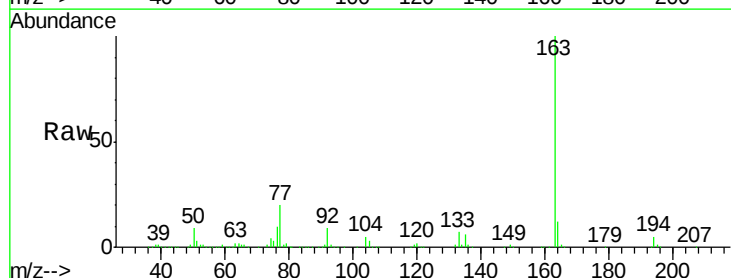
Tgt Ion:163 Resp: 792821

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

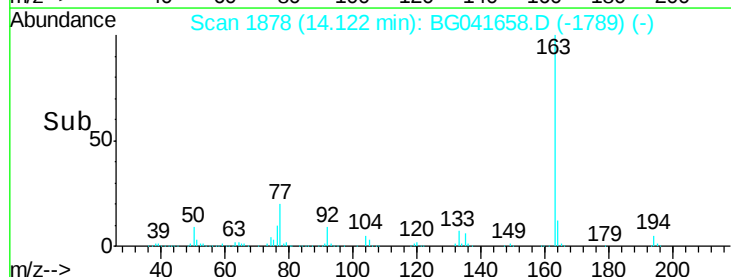
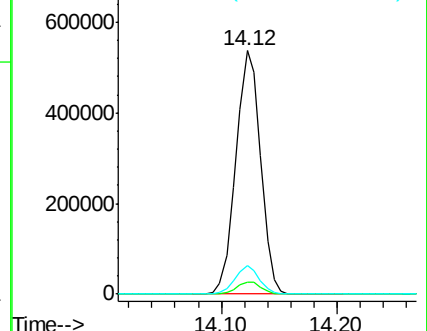
164 11.7 9.4 14.2

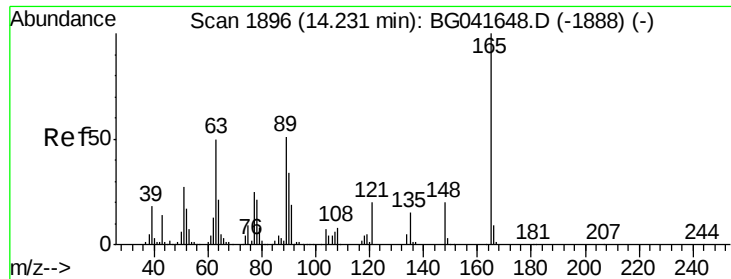


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

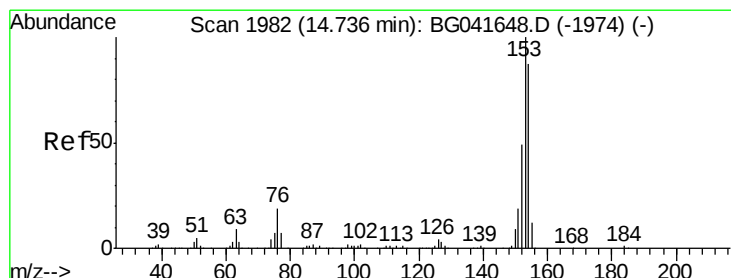
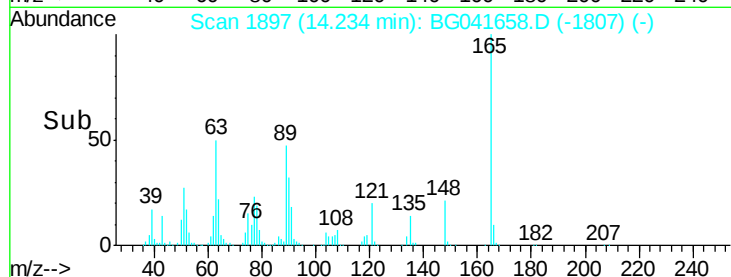
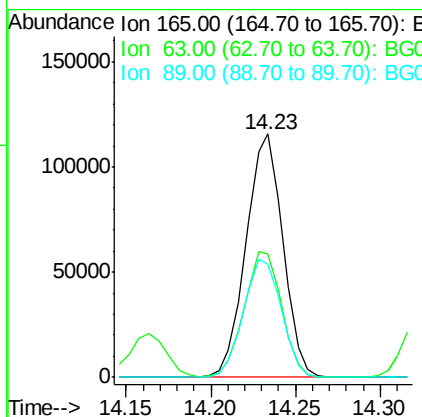
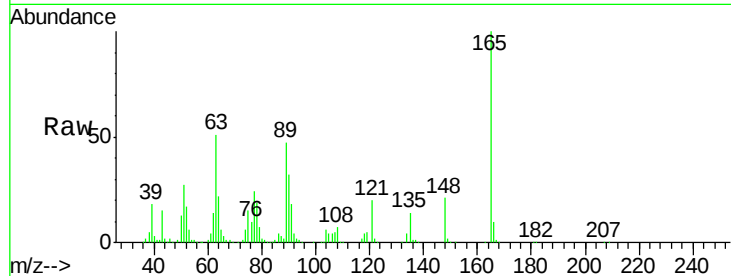




#51
 2,6-Dinitrotoluene
 Concen: 43.510 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

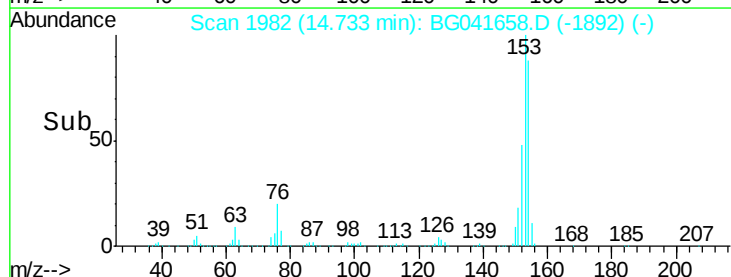
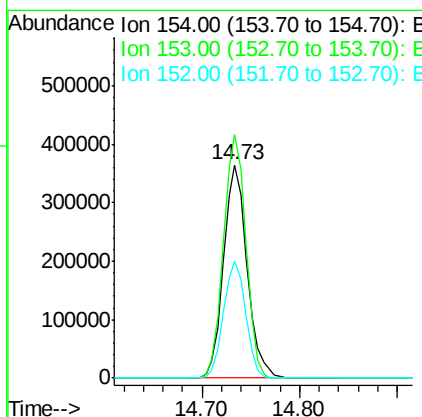
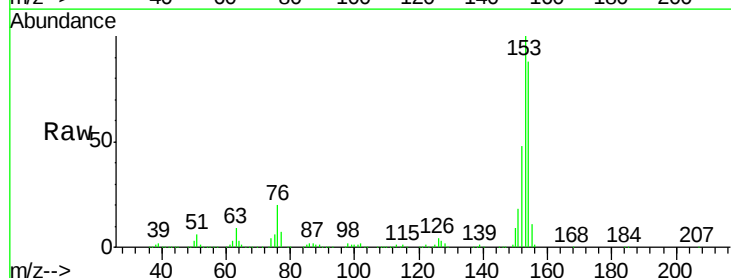
Instrument :
 BNA_G
 ClientSampleId :

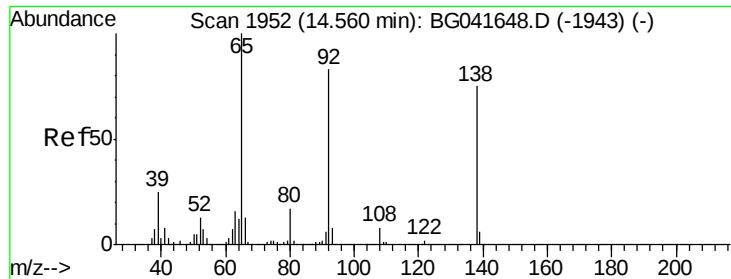
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.8	42.4	63.6
89	46.5	42.1	63.1



#52
 Acenaphthene
 Concen: 40.874 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.8	134.6
152	55.0	44.9	67.3

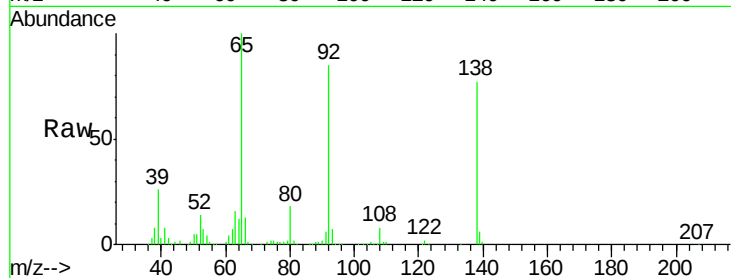




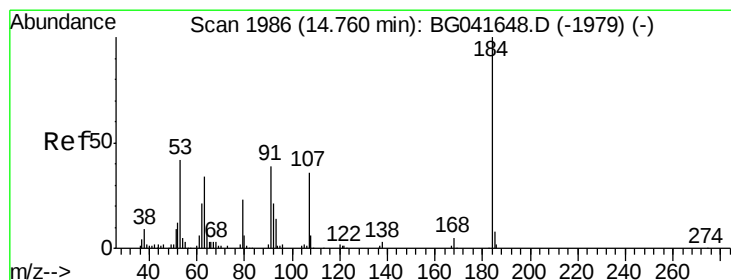
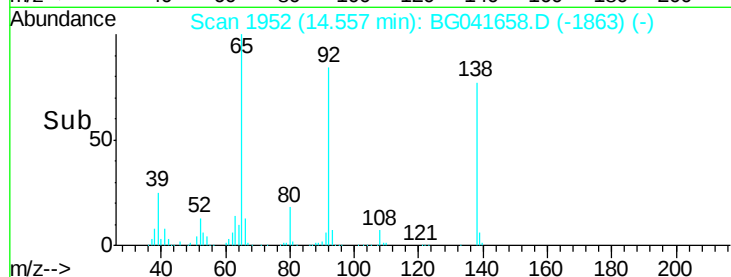
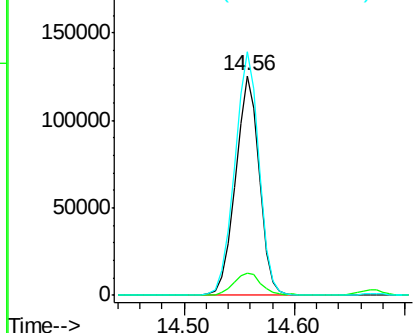
#53
3-Nitroaniline
Concen: 43.328 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 190072
Ion Ratio Lower Upper
138 100
108 10.1 10.3 15.5#
92 110.9 93.0 139.4

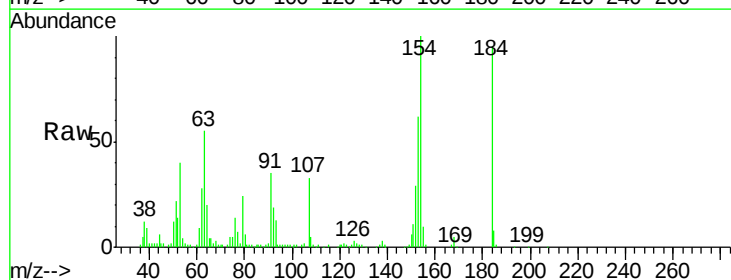


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

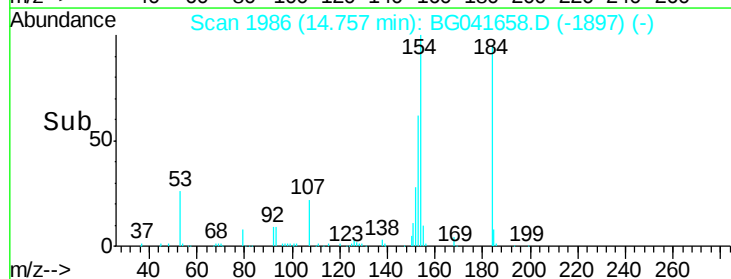
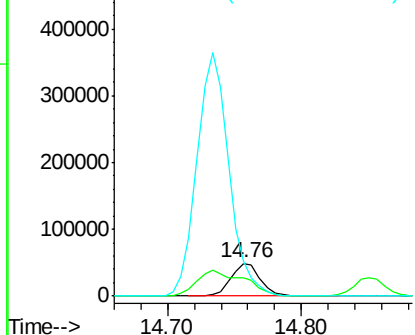


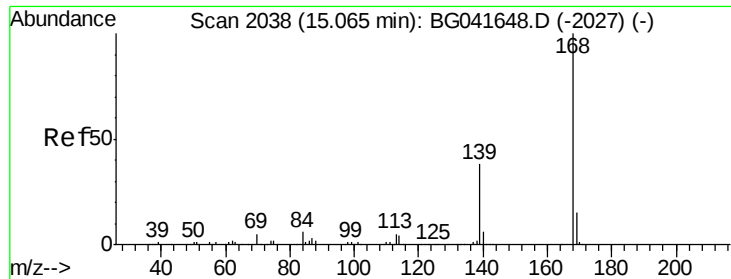
#54
2,4-Dinitrophenol
Concen: 40.918 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Tgt Ion:184 Resp: 74615
Ion Ratio Lower Upper
184 100
63 58.2 43.2 64.8
154 105.7 51.4 77.2#



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





#55

Dibenzofuran

Concen: 41.815 ng

RT: 15.07 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

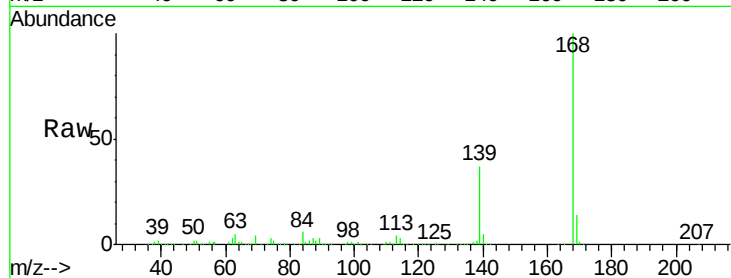
Tot Ion:168 Resp: 929758

Ion Ratio Lower Upper

168 100

139 36.5 31.9 47.9

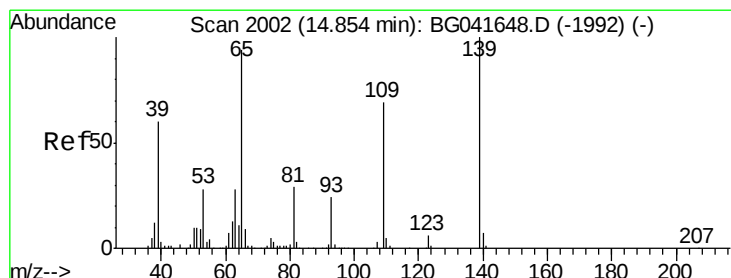
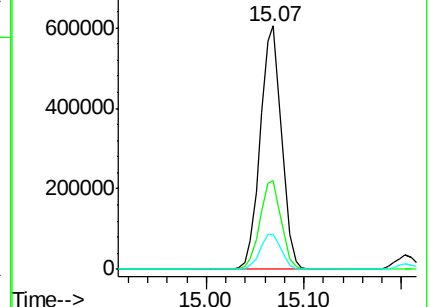
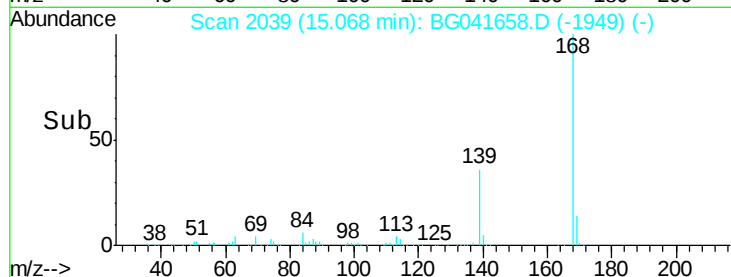
169 14.3 12.5 18.7



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: 43.889 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

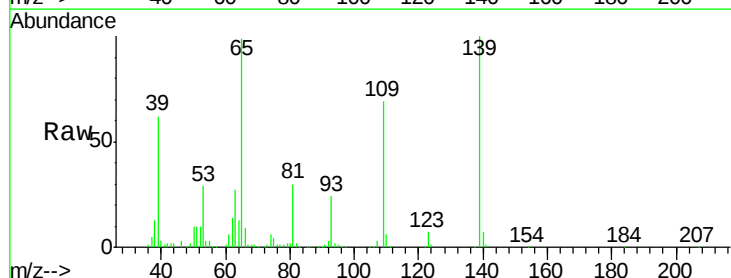
Tgt Ion:139 Resp: 155880

Ion Ratio Lower Upper

139 100

109 69.2 51.3 91.3

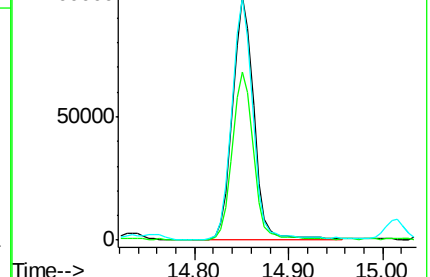
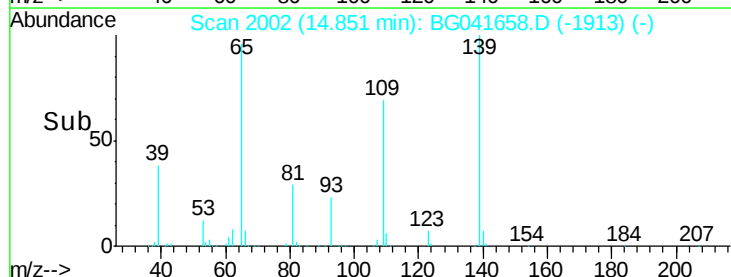
65 99.3 77.6 117.6

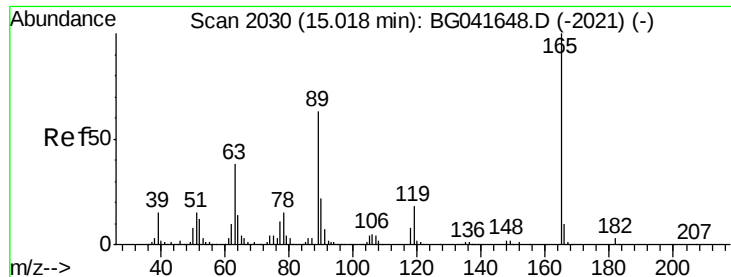


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

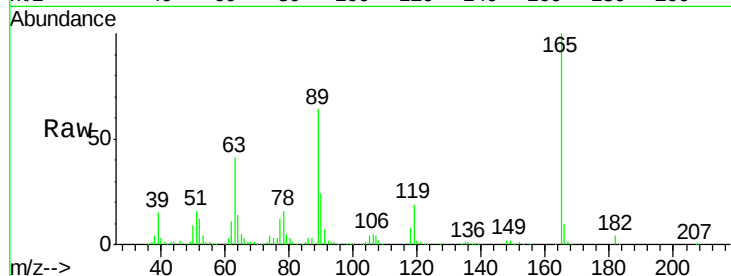




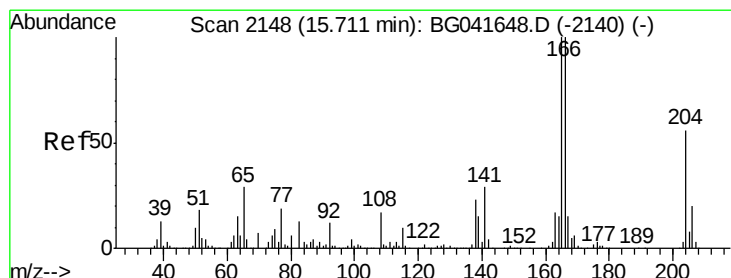
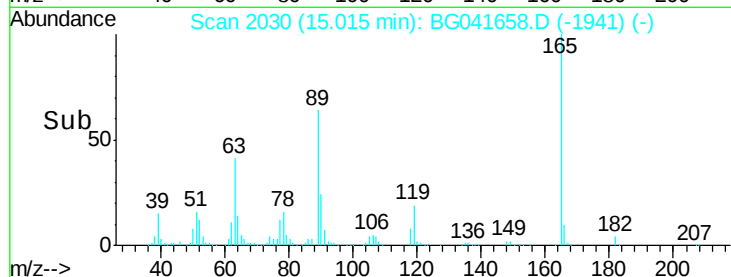
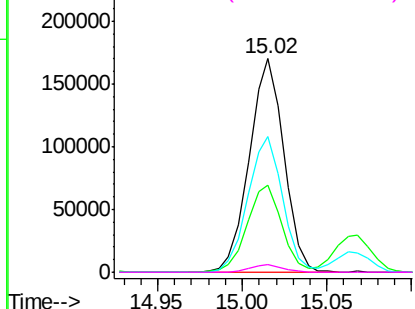
#57
 2,4-Dinitrotoluene
 Concen: 45.647 ng
 RT: 15.02 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	242484
Ion Ratio	Lower	Upper
165	100	
63	40.7	31.7 47.5
89	63.7	50.2 75.4
182	3.6	2.6 4.0

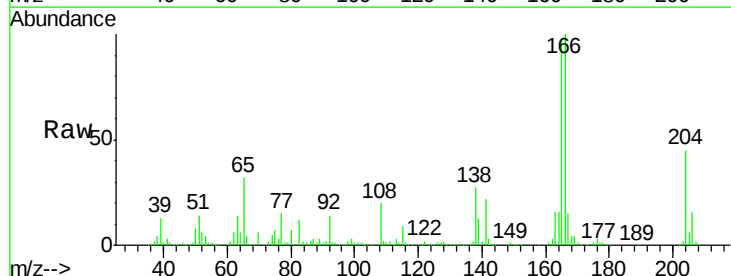


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

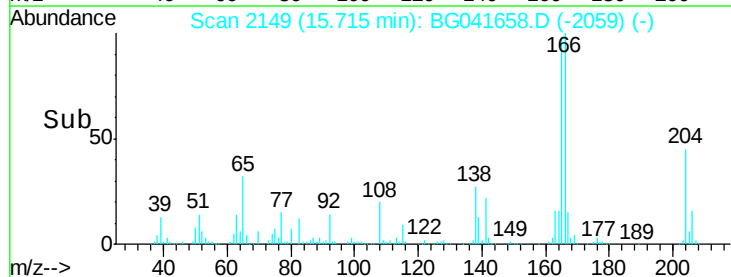
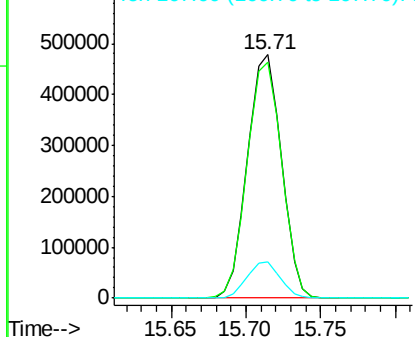


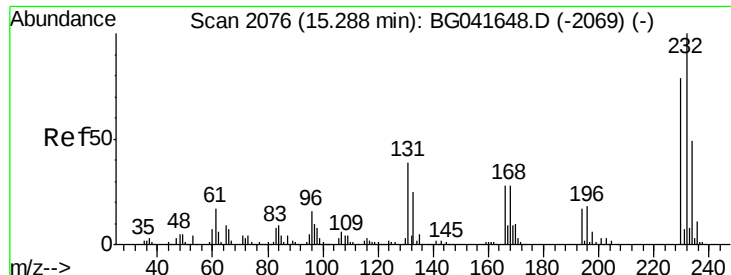
#58
 Fluorene
 Concen: 41.706 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Tgt Ion:166	Resp:	754563
Ion Ratio	Lower	Upper
166	100	
165	97.0	80.5 120.7
167	14.8	12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

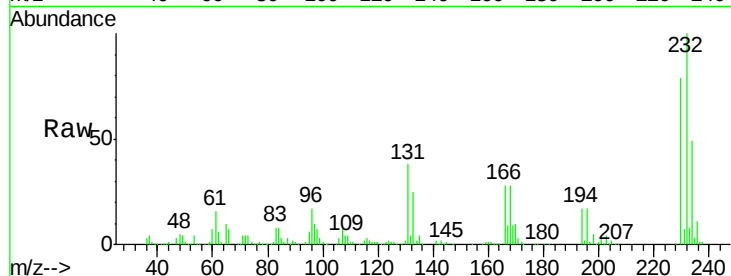




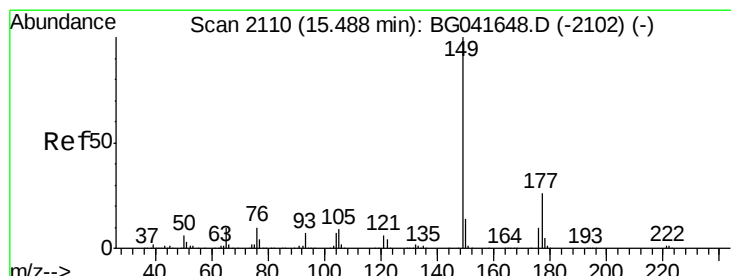
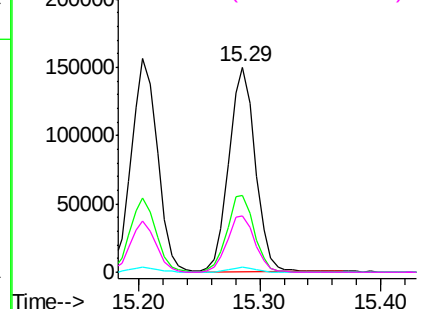
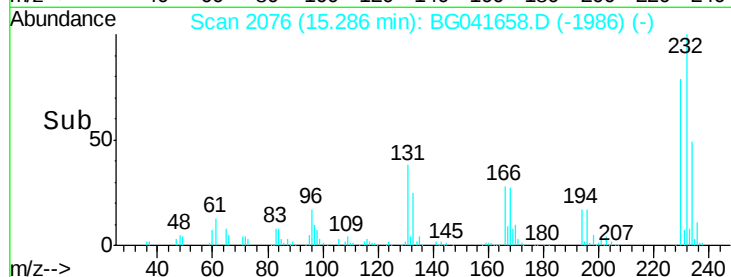
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.531 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	227333
Ion	Ratio	Lower	Upper
232	100		
131	38.5	31.8	47.6
130	2.2	1.8	2.8
166	28.6	23.5	35.3

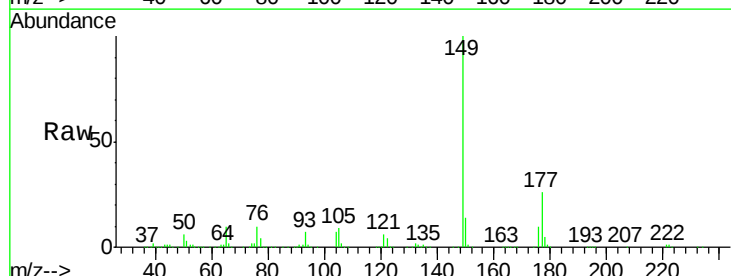


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

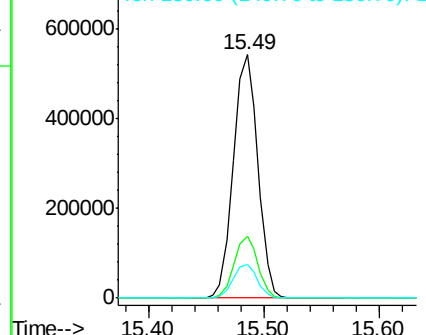
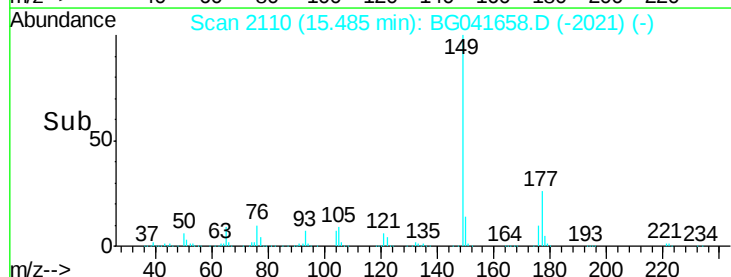


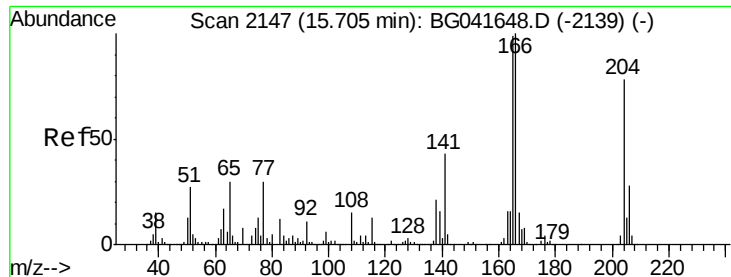
#60
 Diethylphthalate
 Concen: 41.627 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Tgt Ion:	149	Resp:	794517
Ion	Ratio	Lower	Upper
149	100		
177	25.6	20.7	31.1
150	13.9	11.5	17.3



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

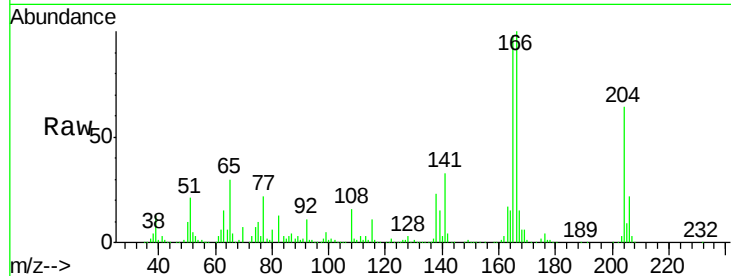




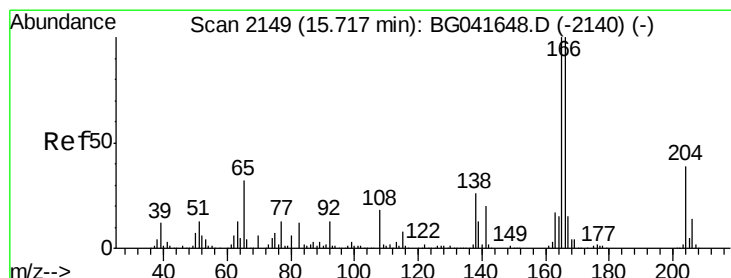
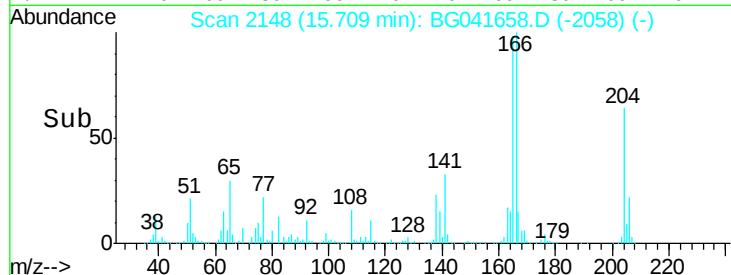
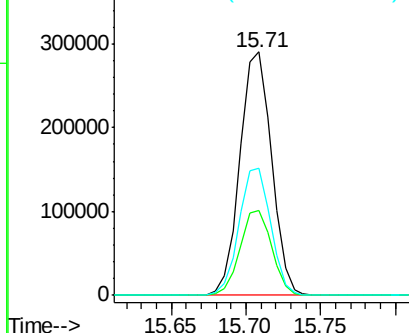
#61
4-Chlorophenyl-phenylether
Concen: 41.702 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.6	42.8
141	52.3	42.9	64.3

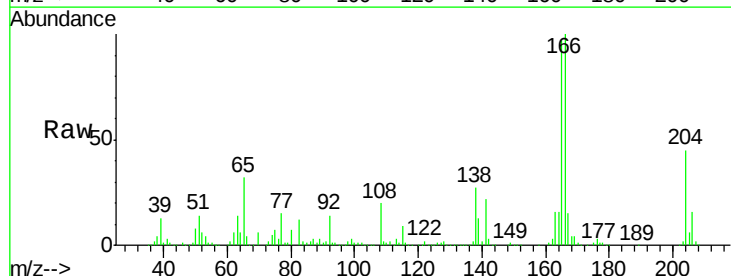


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

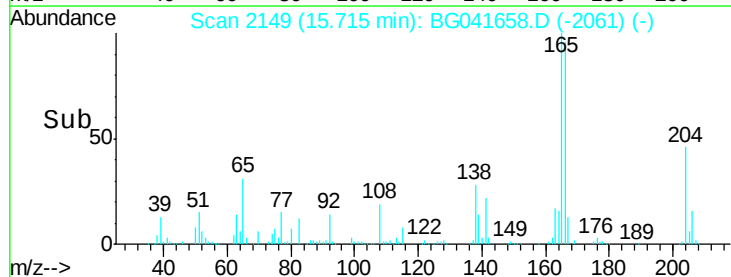
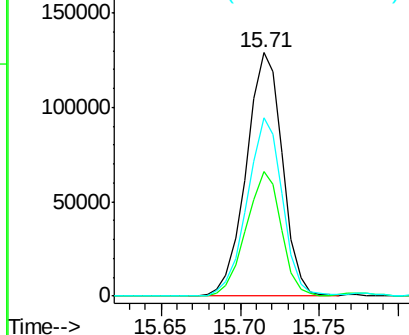


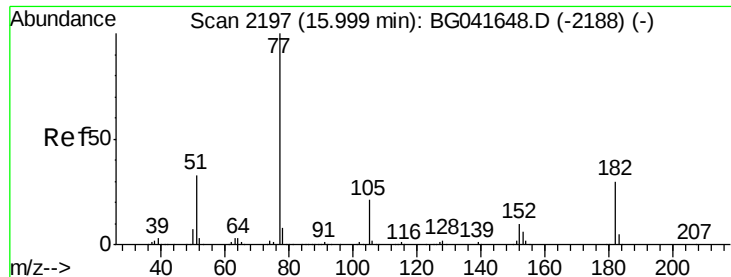
#62
4-Nitroaniline
Concen: 43.844 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	29.8	69.8
108	73.0	52.2	92.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.235 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 711529

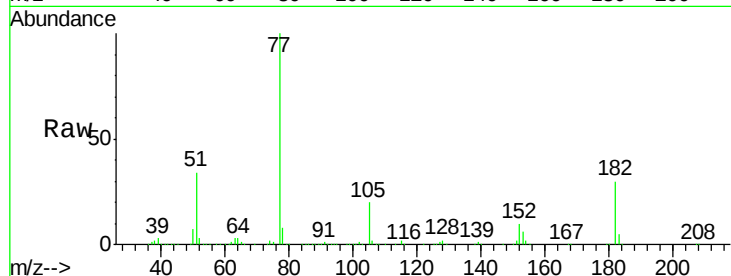
Ion Ratio Lower Upper

77 100

182 29.7 13.2 53.2

105 20.4 2.2 42.2

51 34.0 14.6 54.6

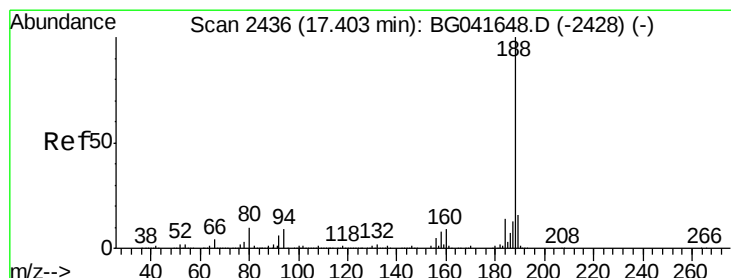
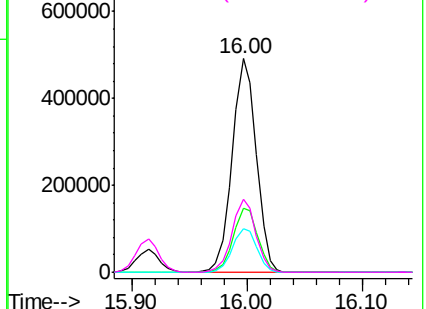
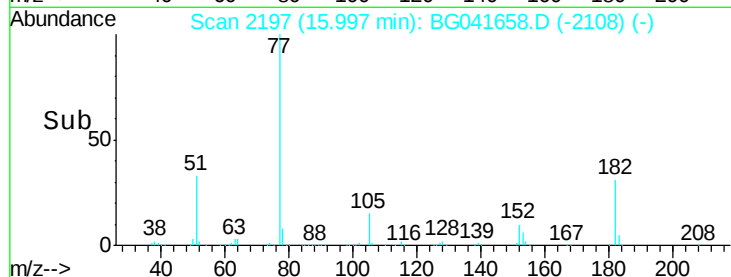


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

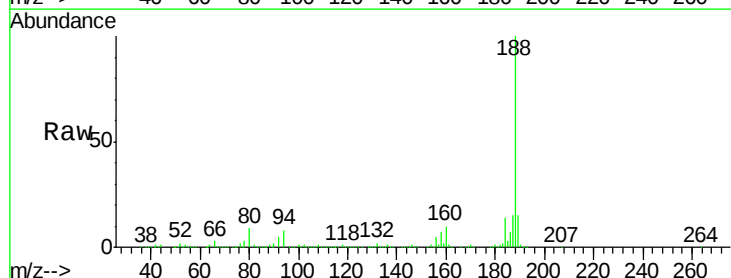
Tgt Ion: 188 Resp: 574573

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

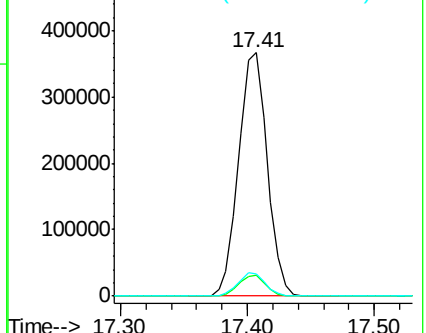
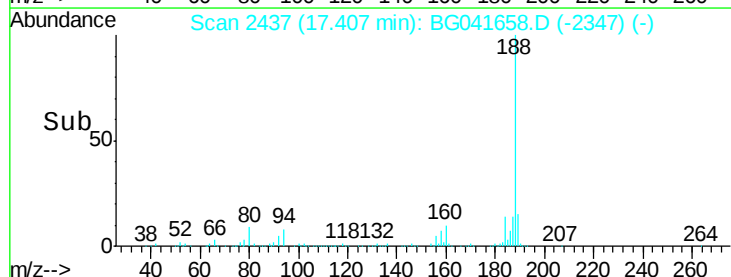
80 9.2 8.0 12.0

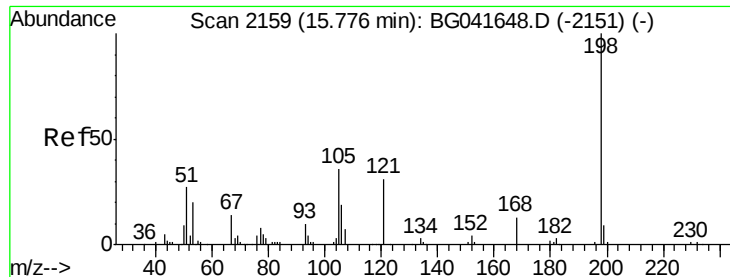


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

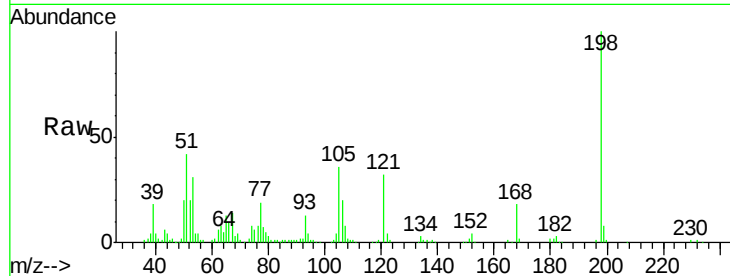




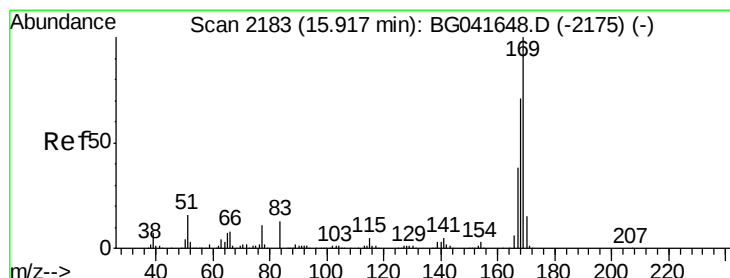
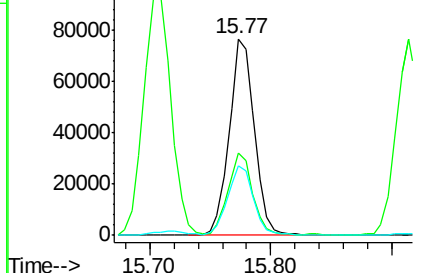
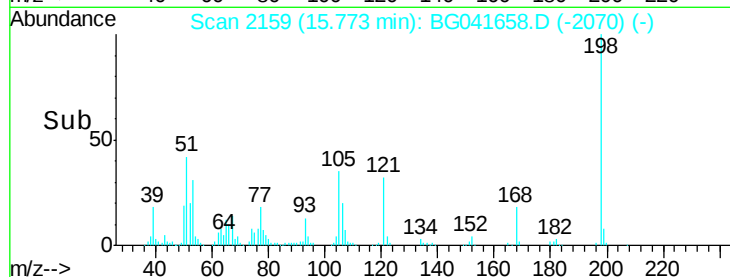
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.765 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 111173
 Ion Ratio Lower Upper
 198 100
 51 41.9 22.3 62.3
 105 35.5 18.0 58.0

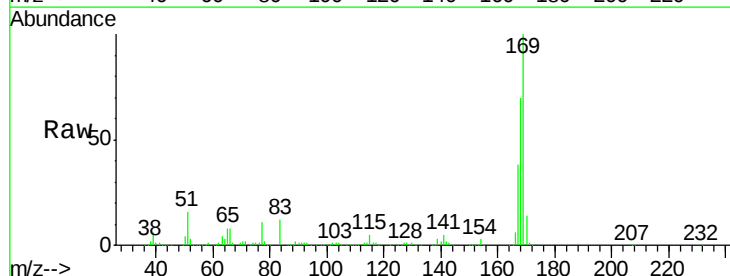


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGO
 Ion 105.00 (104.70 to 105.70): E

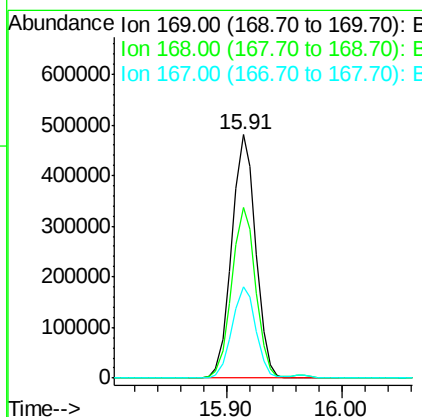
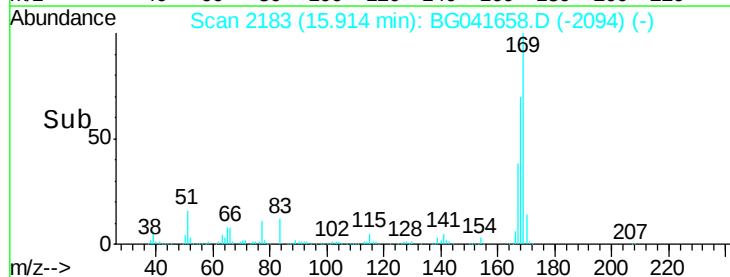


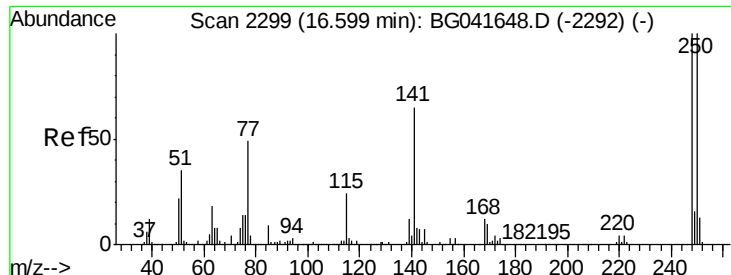
#66
 n-Nitrosodiphenylamine
 Concen: 40.886 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Tgt Ion:169 Resp: 689880
 Ion Ratio Lower Upper
 169 100
 168 69.9 56.9 85.3
 167 37.7 31.5 47.3



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

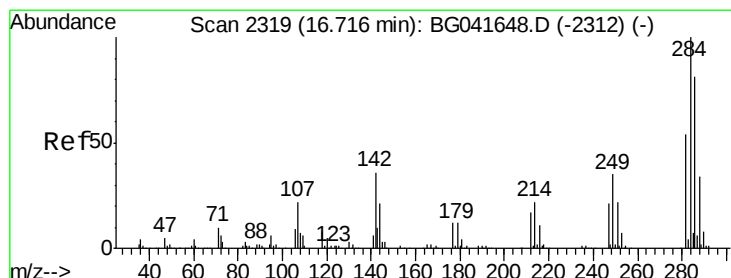
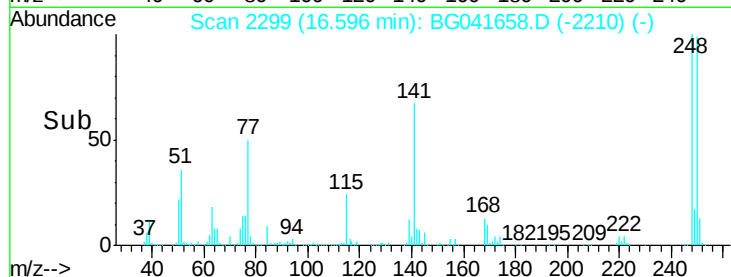
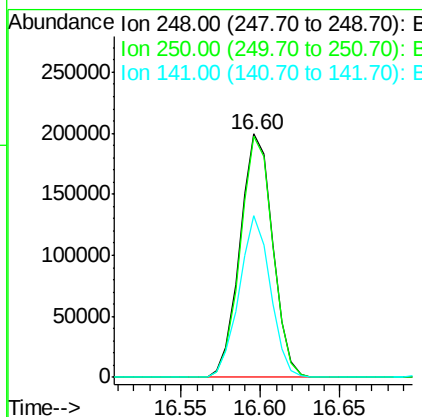
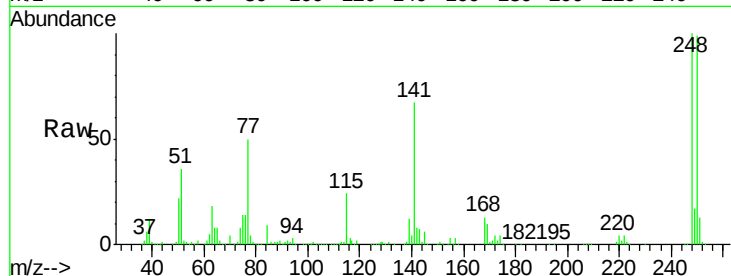




#67
 4-Bromophenyl-phenylether
 Concen: 41.685 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

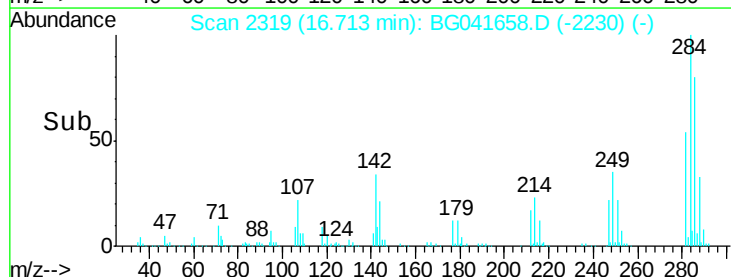
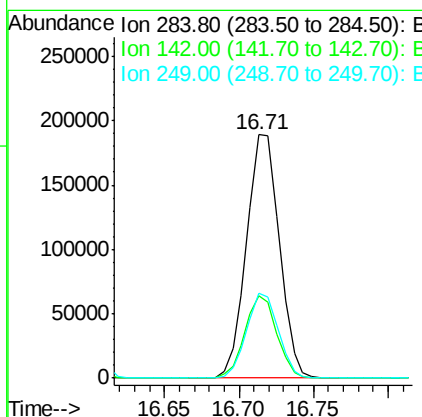
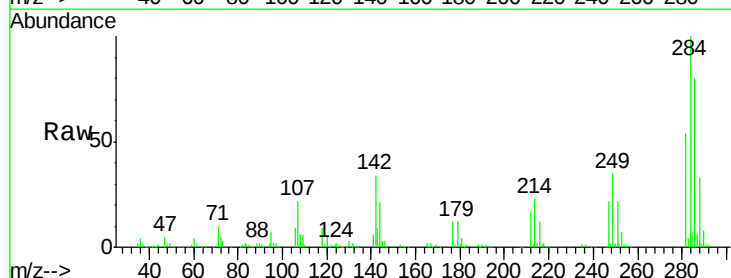
Instrument :
 BNA_G
 ClientSampleId :

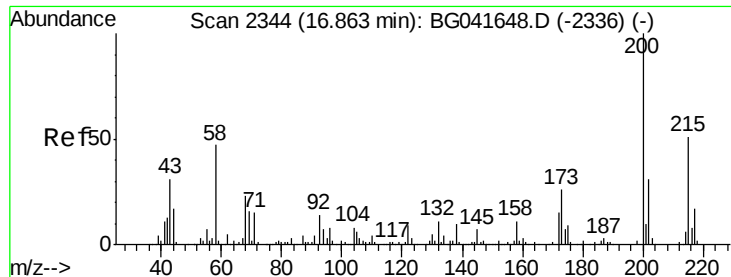
Tot Ion:248 Resp: 284990
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.1 117.1
 141 66.7 49.6 74.4



#68
 Hexachlorobenzene
 Concen: 41.713 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Tgt Ion:284 Resp: 287168
 Ion Ratio Lower Upper
 284 100
 142 33.6 27.0 40.6
 249 35.0 28.4 42.6

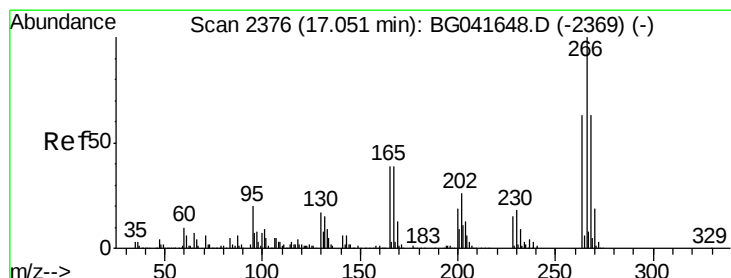
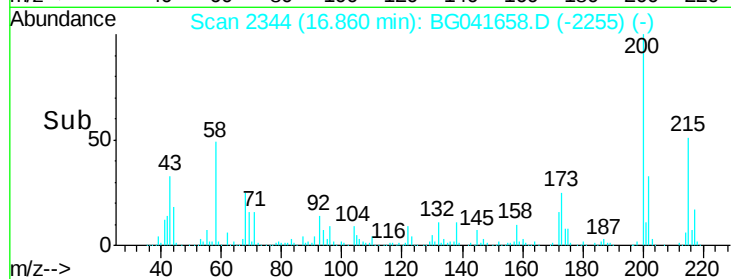
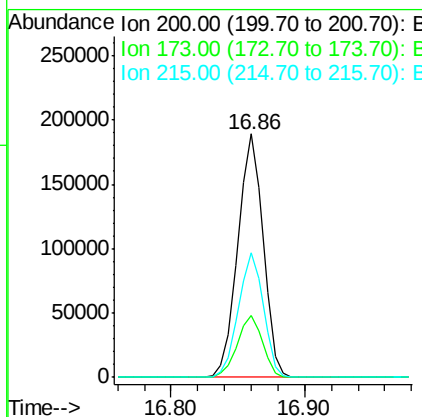
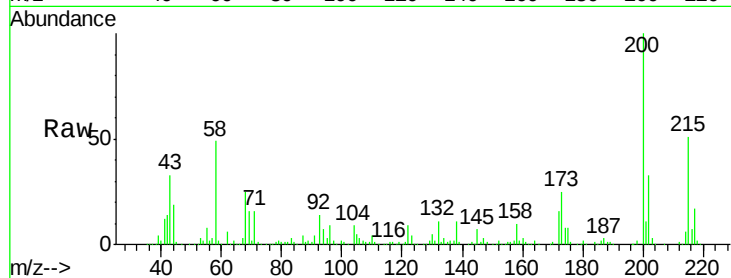




#69
Atrazine
Concen: 40.714 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

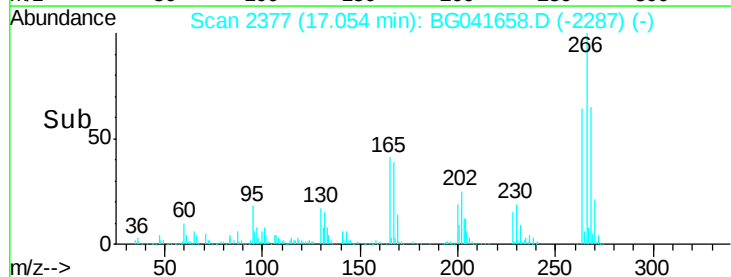
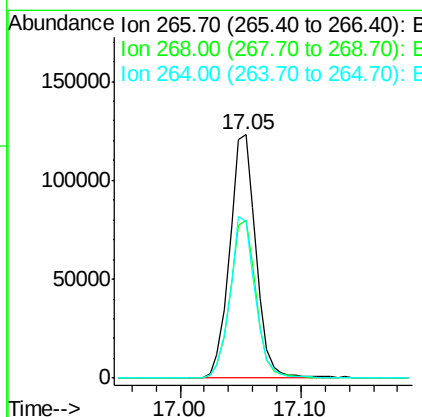
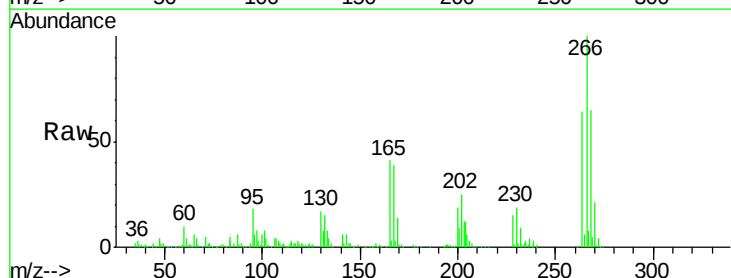
Instrument :
BNA_G
ClientSampleId :

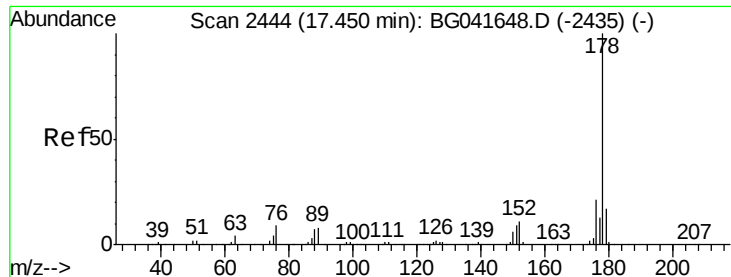
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	5.3	45.3
215	51.2	31.8	71.8



#70
Pentachlorophenol
Concen: 43.217 ng
RT: 17.05 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	52.9	79.3
264	64.4	51.4	77.2

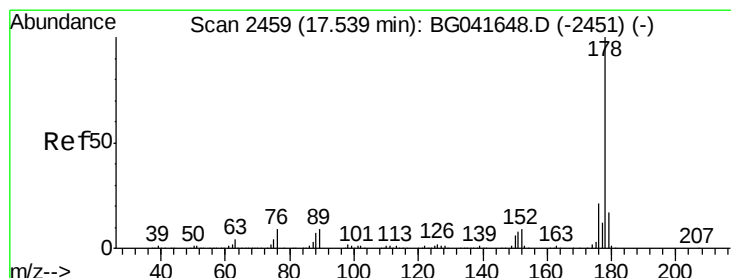
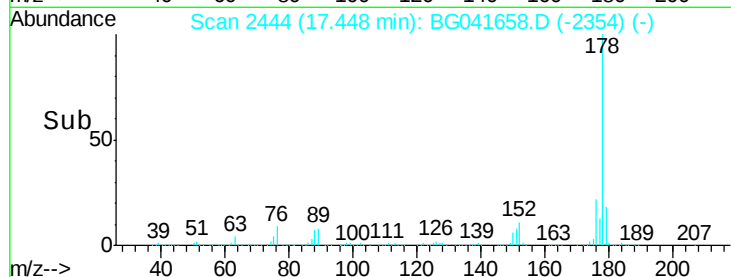
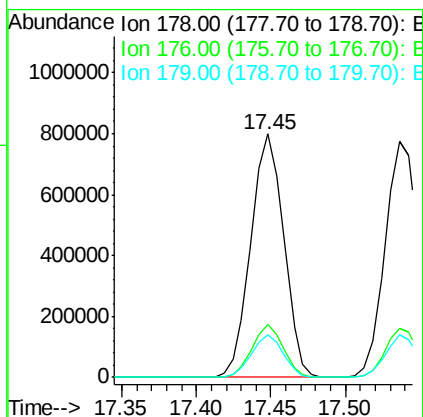
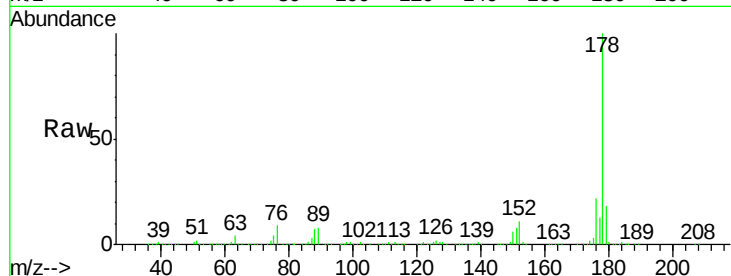




#71
 Phenanthrene
 Concen: 42.092 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

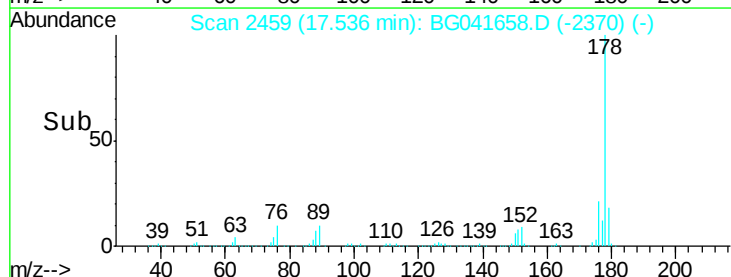
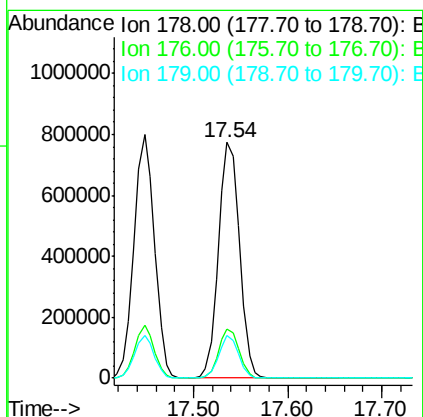
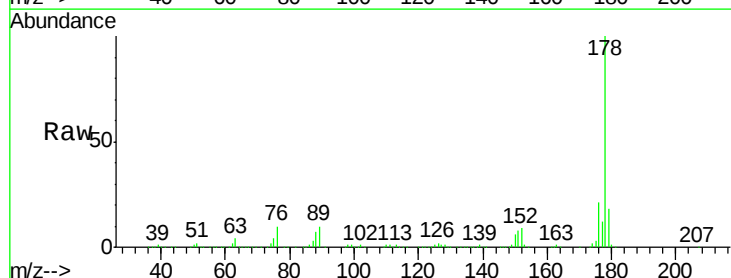
Instrument :
 BNA_G
 ClientSampleId :

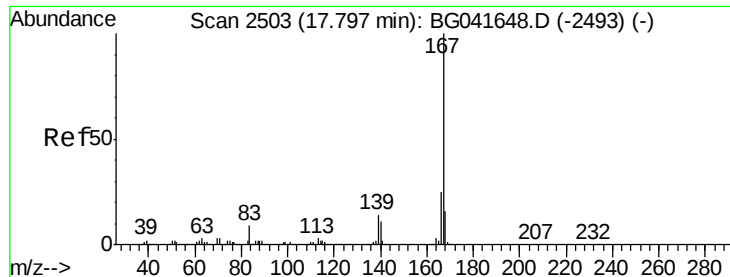
Tot Ion:178 Resp: 1217971
 Ion Ratio Lower Upper
 178 100
 176 21.6 18.6 28.0
 179 17.6 15.4 23.0



#72
 Anthracene
 Concen: 42.066 ng
 RT: 17.54 min Scan# 2459
 Delta R.T. -0.01 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Tgt Ion:178 Resp: 1213315
 Ion Ratio Lower Upper
 178 100
 176 21.0 18.6 28.0
 179 18.3 15.1 22.7



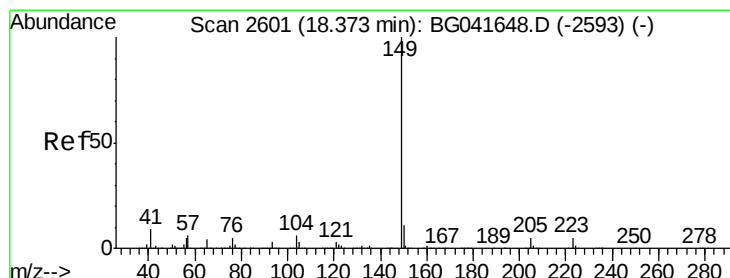
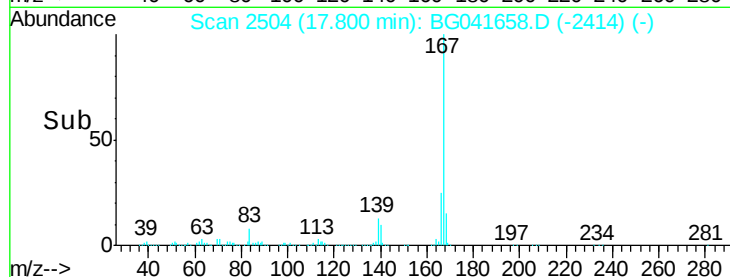
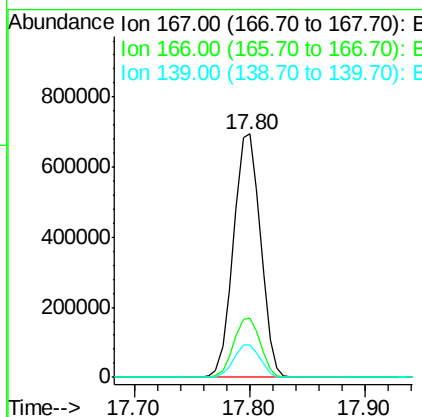
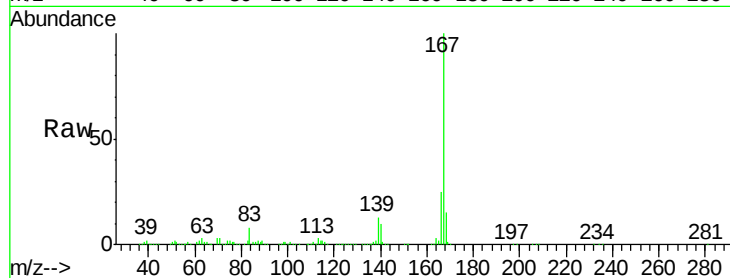


#73
 Carbazole
 Concen: 42.098 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1126114

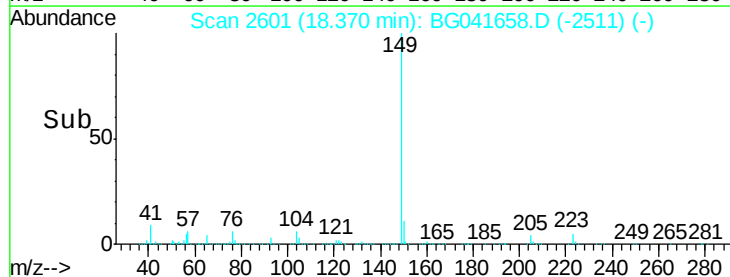
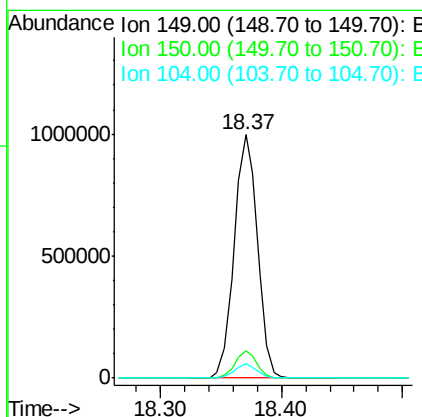
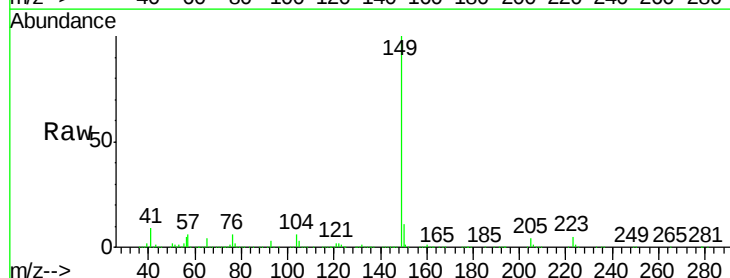
Ion	Ratio	Lower	Upper
167	100		
166	24.6	21.4	32.2
139	13.2	12.1	18.1

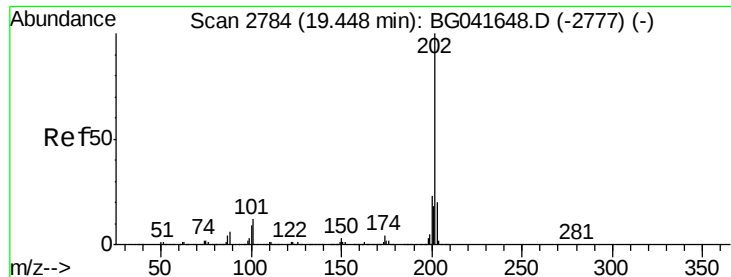


#74
 Di-n-butylphthalate
 Concen: 40.928 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG041658.D
 Acq: 16 Jul 2019 8:27

Tgt Ion:149 Resp: 1335316

Ion	Ratio	Lower	Upper
149	100		
150	11.3	10.2	15.2
104	5.7	5.3	7.9





#75

Fluoranthene

Concen: 41.517 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

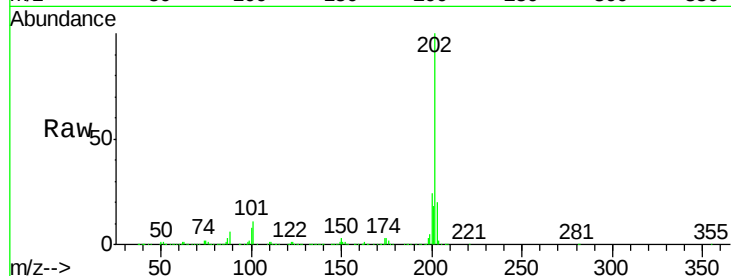
Tot Ion:202 Resp: 1475125

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.8

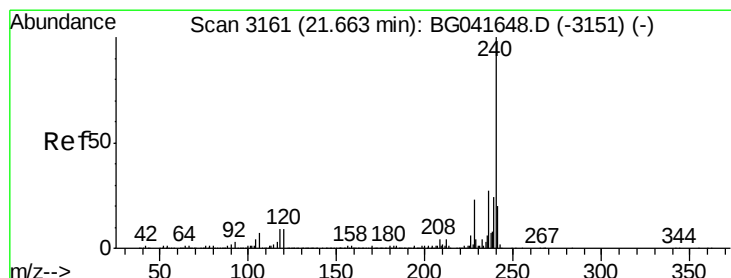
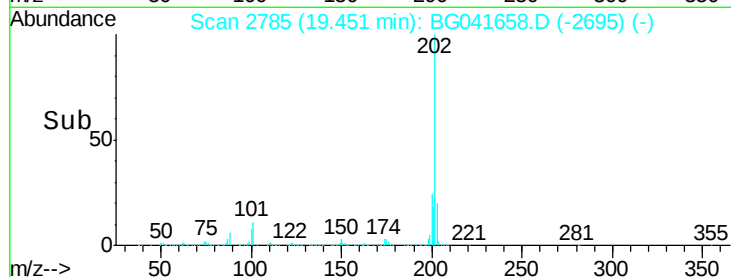
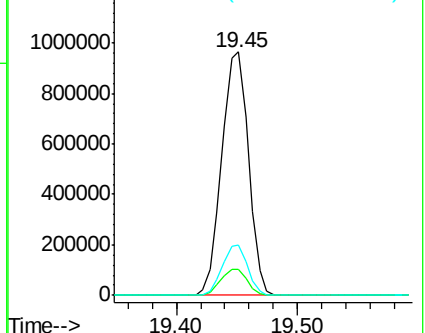
203 20.4 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

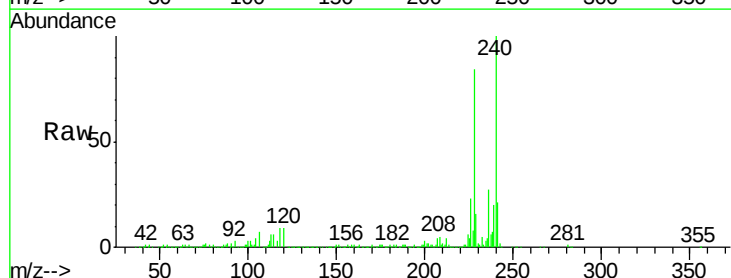
Tgt Ion:240 Resp: 535679

Ion Ratio Lower Upper

240 100

120 9.5 8.0 12.0

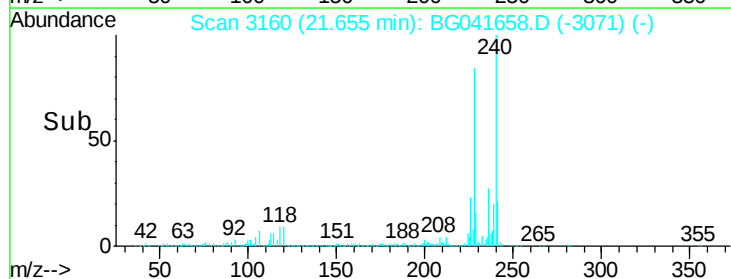
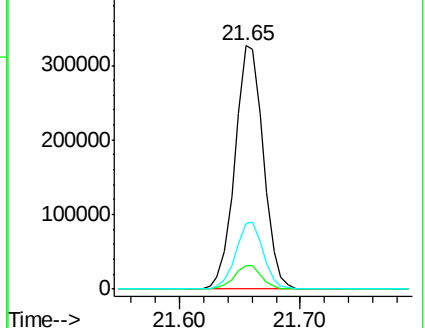
236 27.1 22.6 33.8

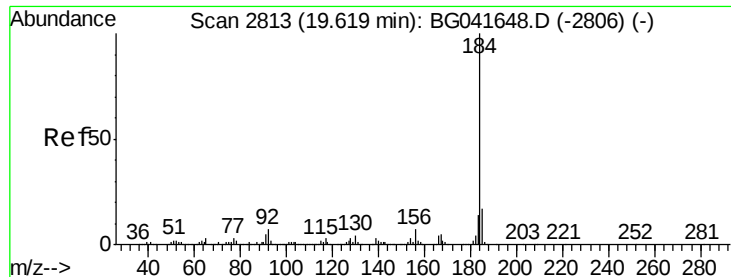


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.273 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

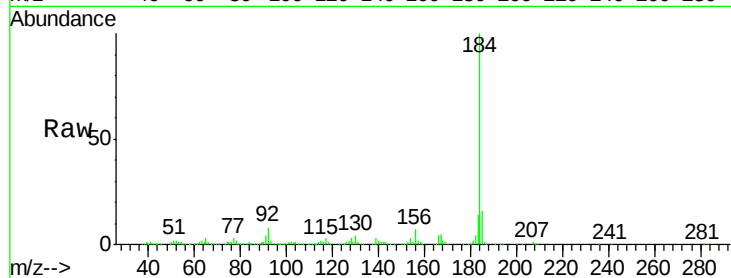
Tot Ion:184 Resp: 799895

Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.4

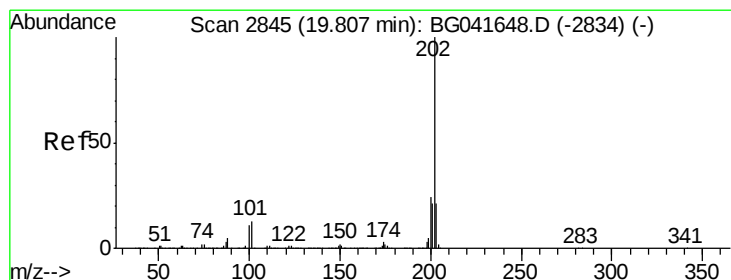
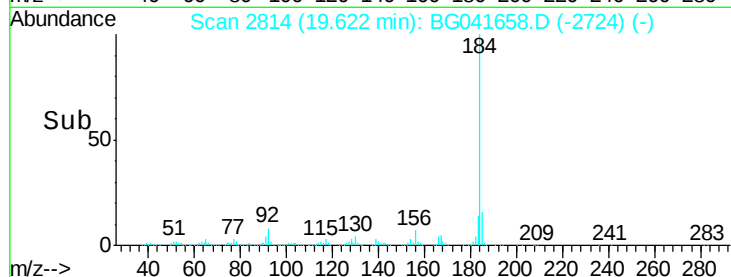
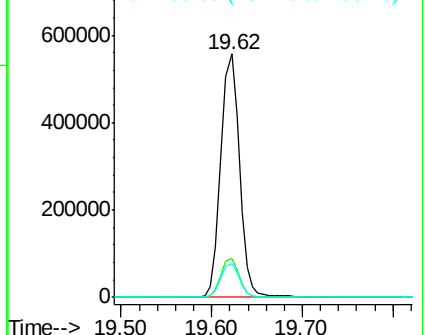
183 13.8 11.8 17.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.660 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

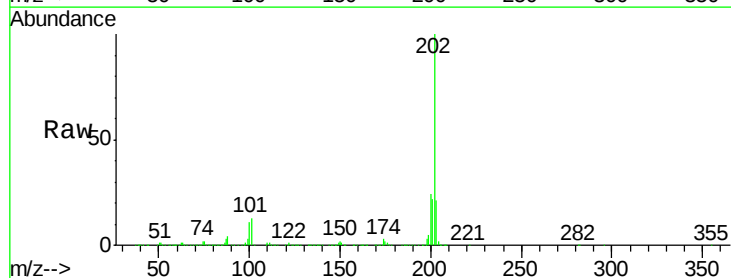
Tgt Ion:202 Resp: 1473082

Ion Ratio Lower Upper

202 100

200 24.4 22.2 33.2

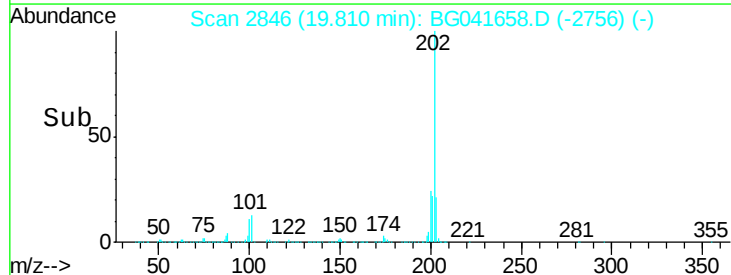
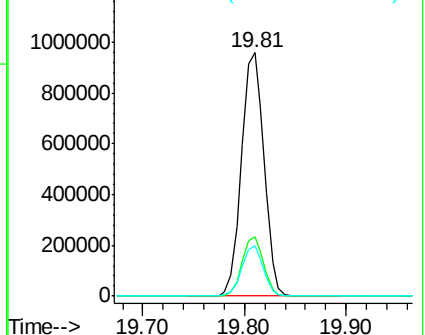
203 20.5 18.9 28.3

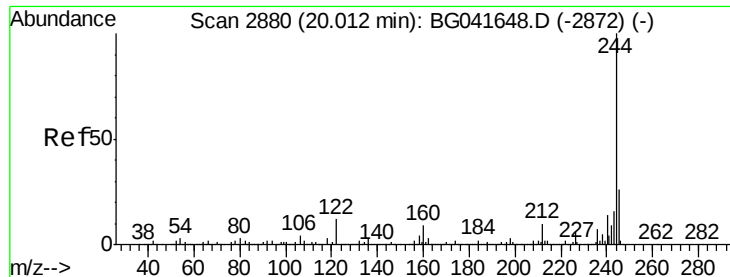


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.188 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

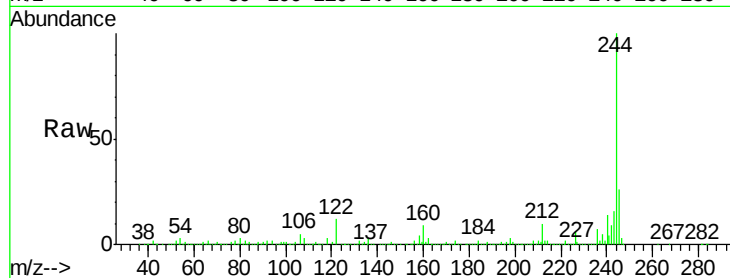
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1952759

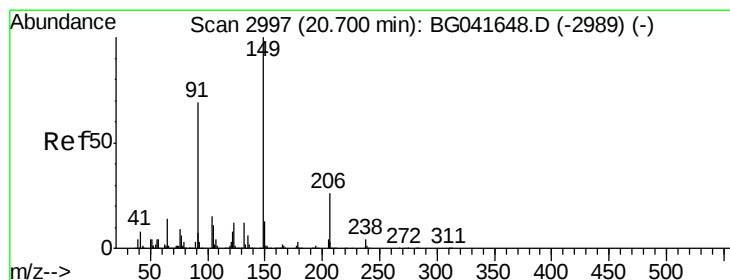
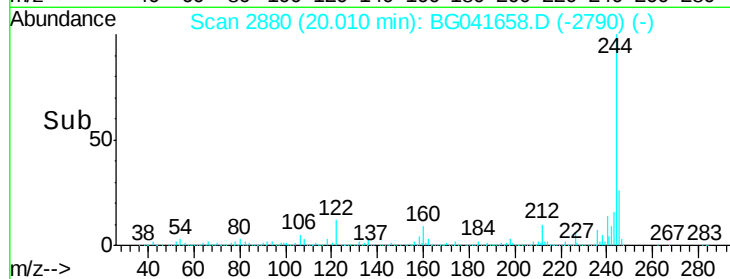
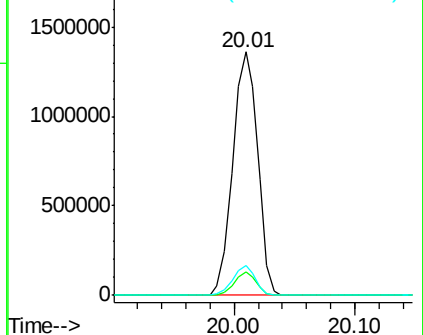
Ion	Ratio	Lower	Upper
244	100		
212	9.8	9.7	14.5
122	12.3	12.5	18.7



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: 41.713 ng

RT: 20.70 min Scan# 2997

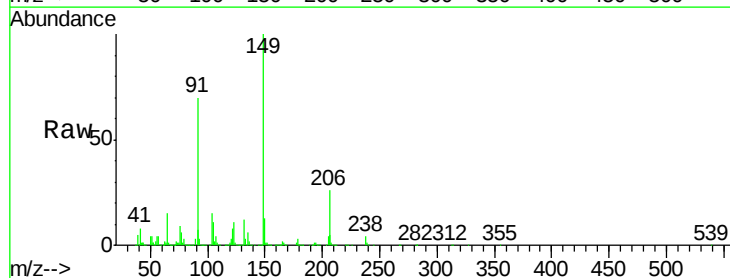
Delta R.T. -0.00 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Tgt Ion:149 Resp: 627987

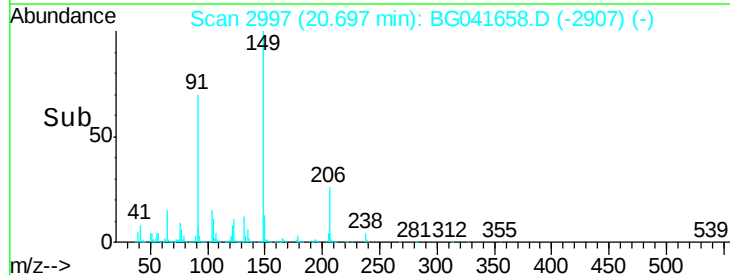
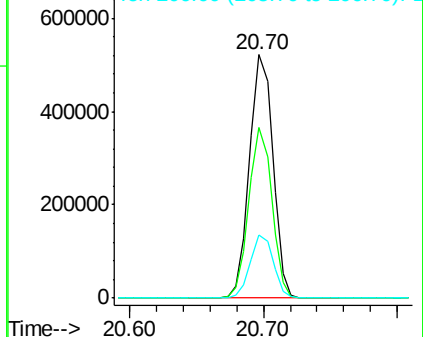
Ion	Ratio	Lower	Upper
149	100		
91	70.1	58.9	88.3
206	26.1	20.8	31.2

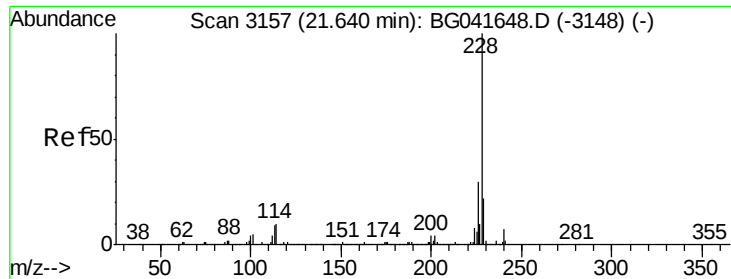


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.262 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

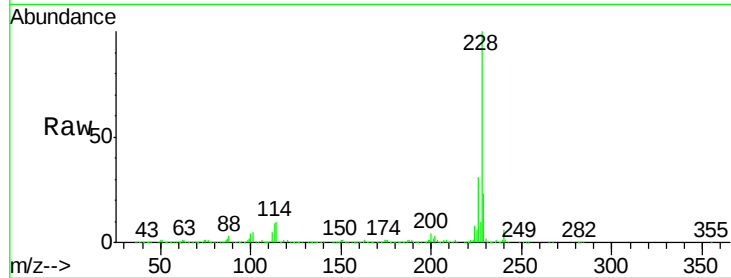
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1462712

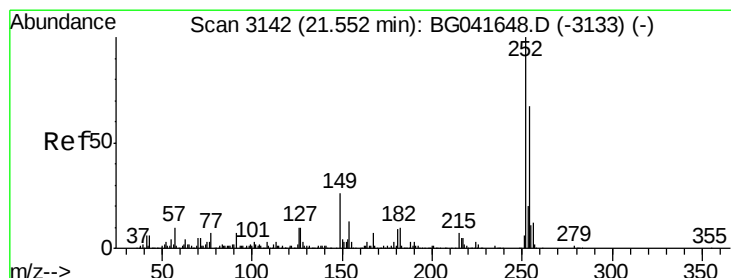
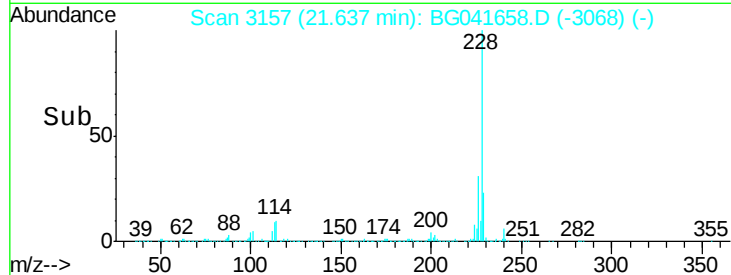
Ion	Ratio	Lower	Upper
228	100		
226	31.2	27.3	40.9
229	23.1	19.7	29.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.102 ng

RT: 21.55 min Scan# 3142

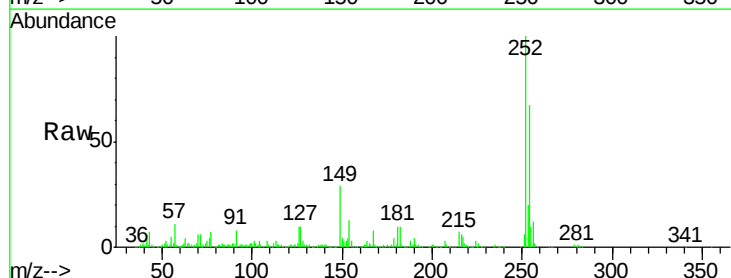
Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Tgt Ion:252 Resp: 573408

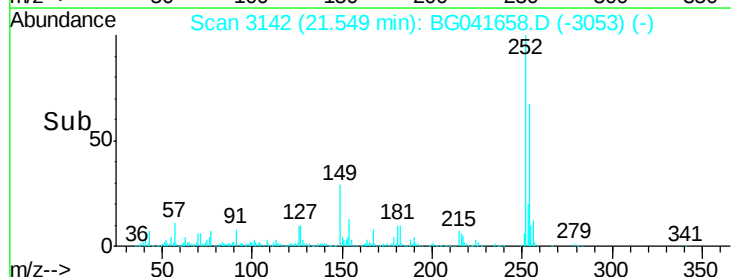
Ion	Ratio	Lower	Upper
252	100		
254	66.6	53.8	80.6
126	9.9	7.8	11.8

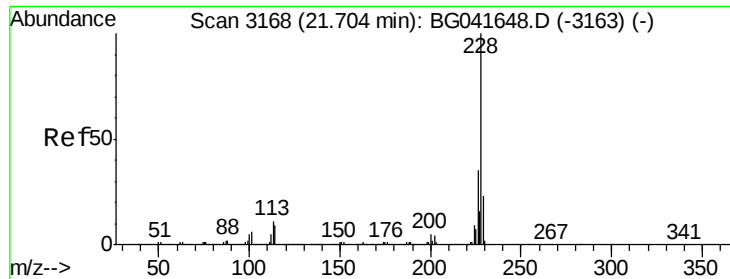


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.803 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

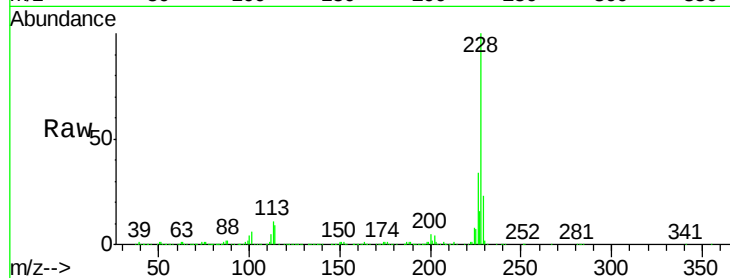
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1382487

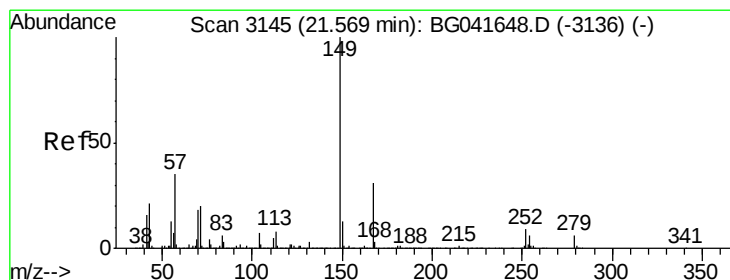
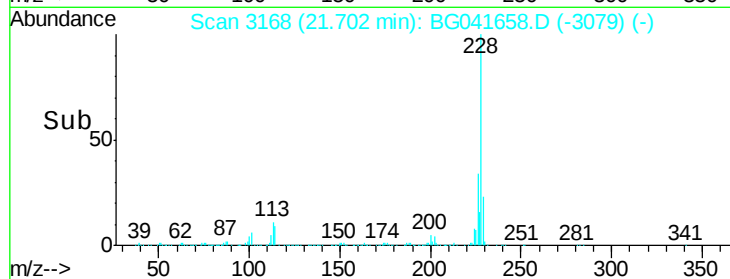
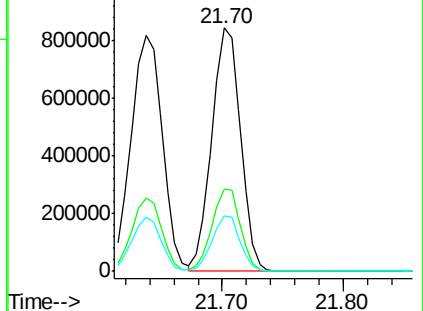
Ion	Ratio	Lower	Upper
228	100		
226	33.8	30.1	45.1
229	22.6	19.8	29.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.666 ng

RT: 21.57 min Scan# 3145

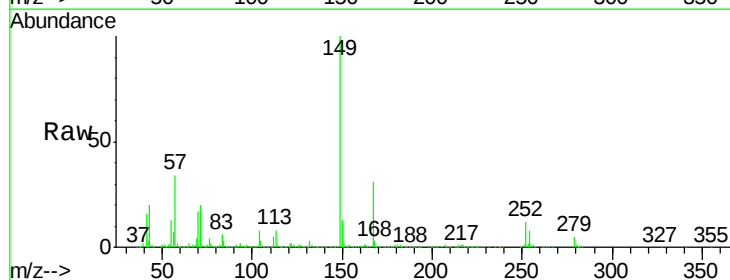
Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Tgt Ion:149 Resp: 885669

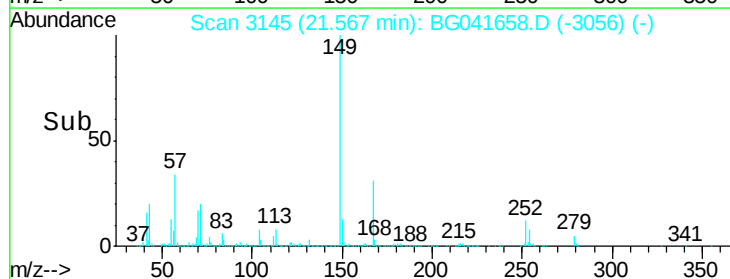
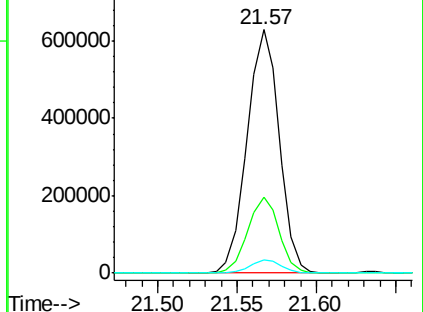
Ion	Ratio	Lower	Upper
149	100		
167	31.0	27.0	40.4
279	5.5	5.0	7.6

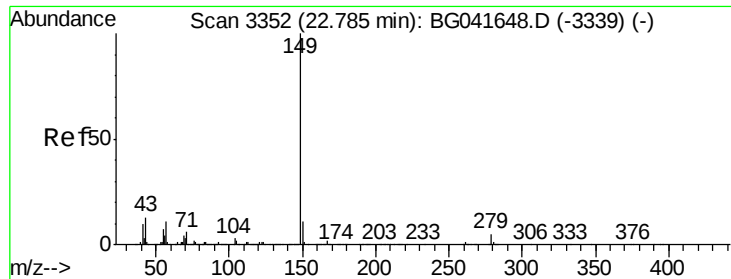


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.790 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

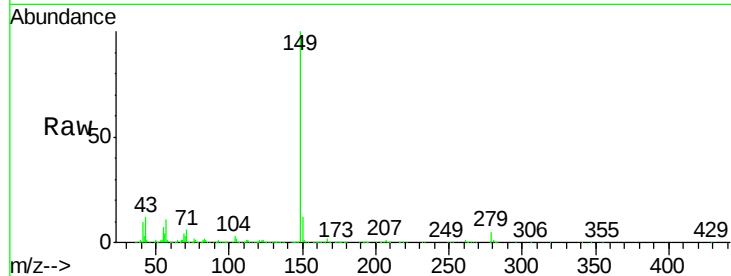
Tot Ion:149 Resp: 1512767

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

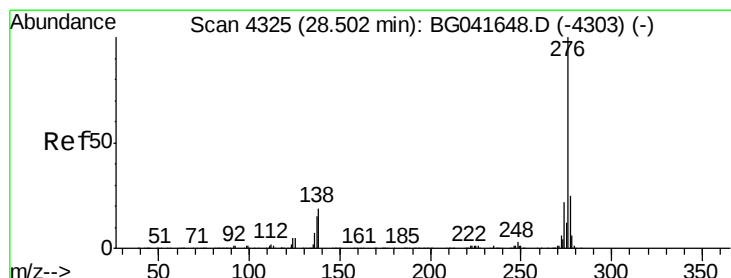
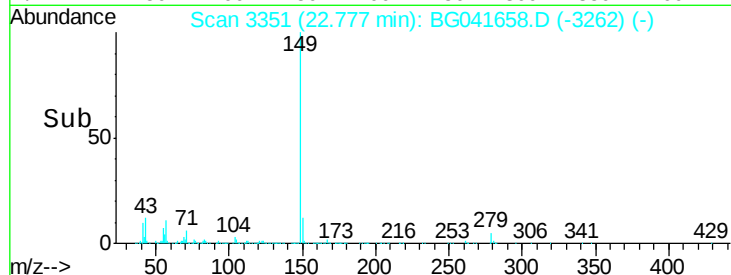
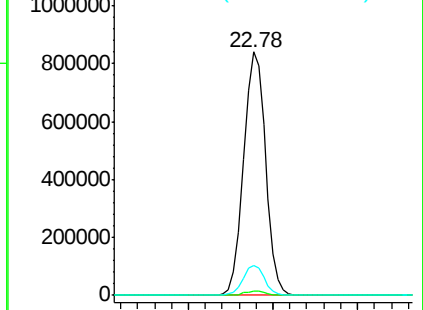
43 11.9 10.6 16.0



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: 40.716 ng

RT: 28.51 min Scan# 4326

Delta R.T. -0.02 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

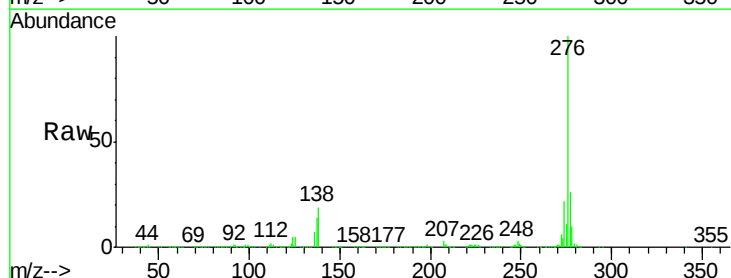
Tgt Ion:276 Resp: 1776728

Ion Ratio Lower Upper

276 100

138 16.5 19.4 29.0#

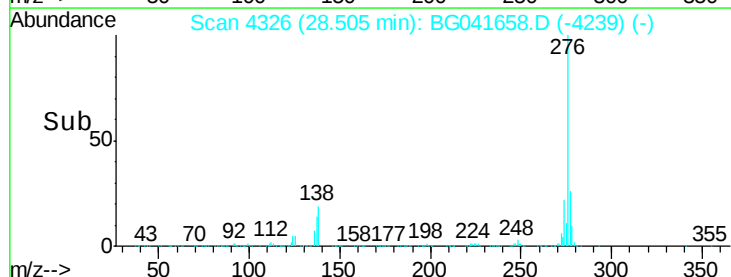
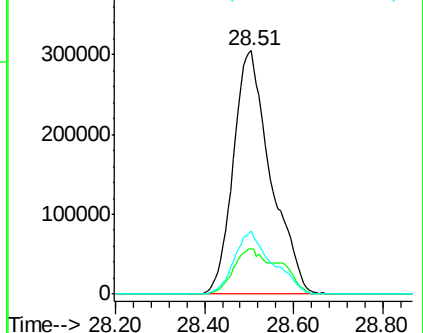
277 26.3 21.2 31.8

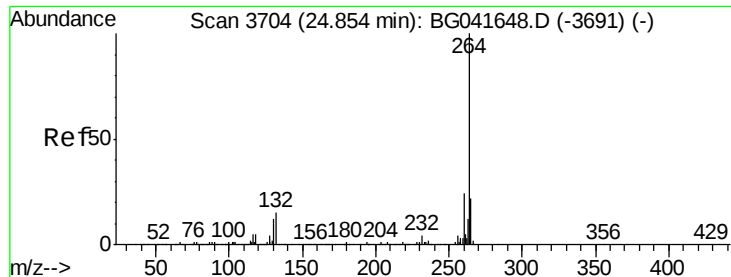


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Instrument :

BNA_G

ClientSampleId :

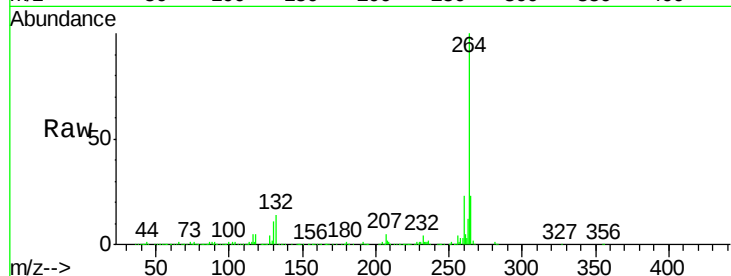
Tot Ion:264 Resp: 625675

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

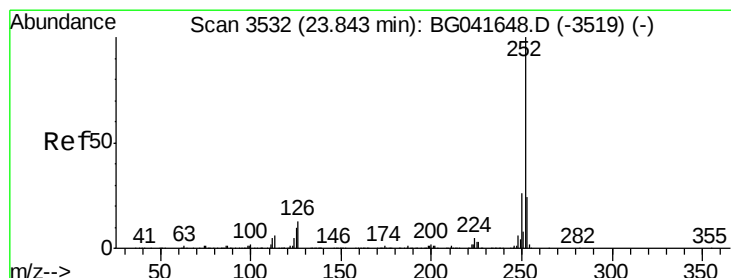
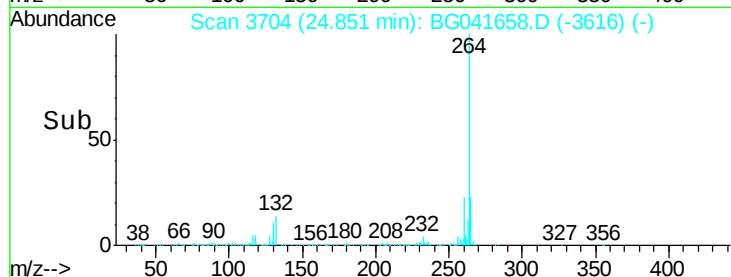
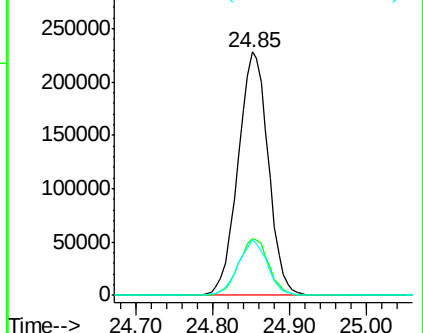
265 22.6 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.108 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

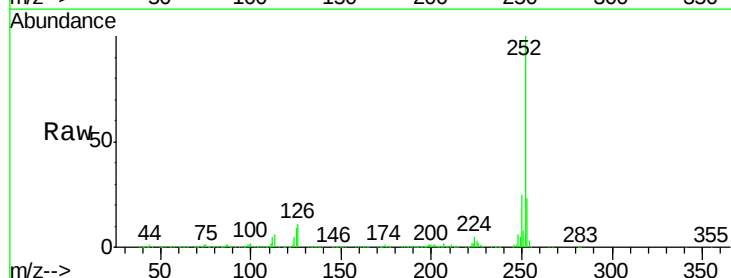
Tgt Ion:252 Resp: 1560138

Ion Ratio Lower Upper

252 100

253 23.1 20.6 30.8

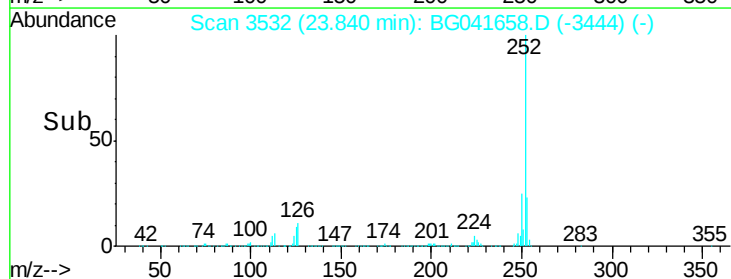
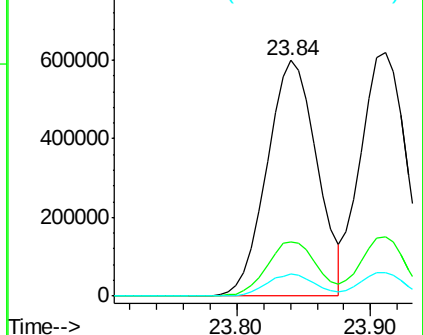
125 9.4 8.0 12.0

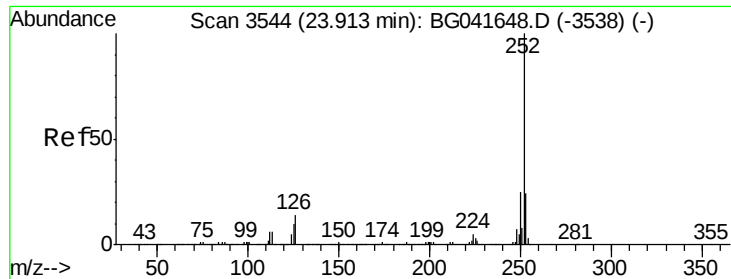


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

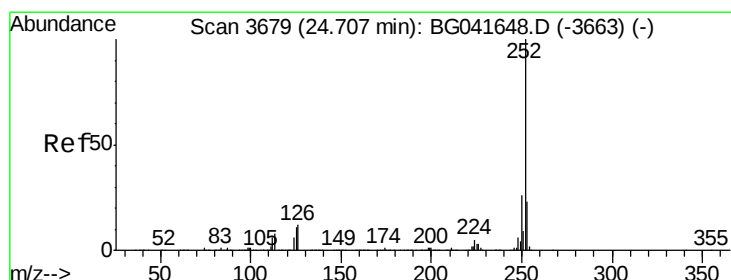
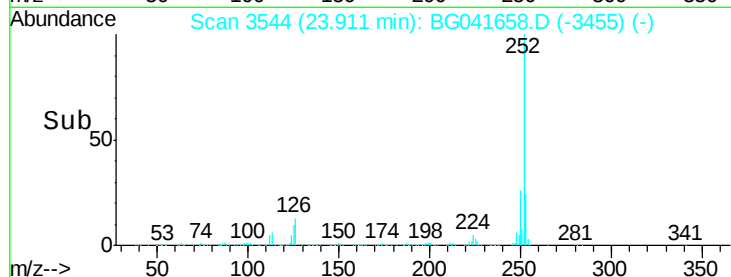
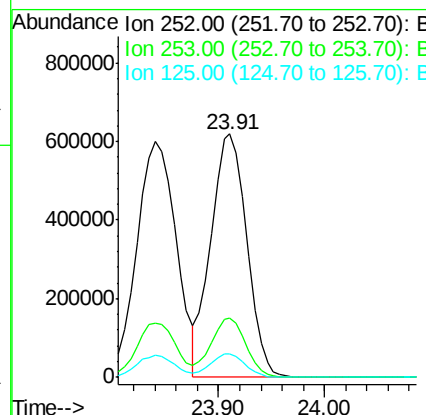
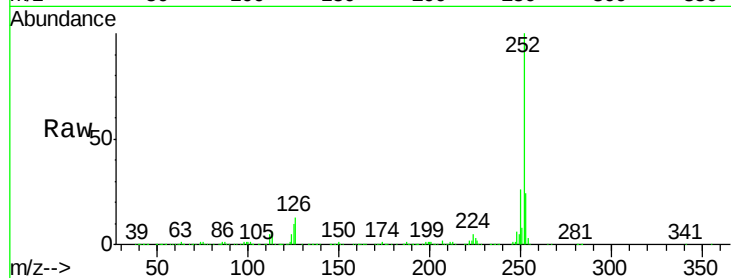




#89
Benzo(k)fluoranthene
Concen: 41.662 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

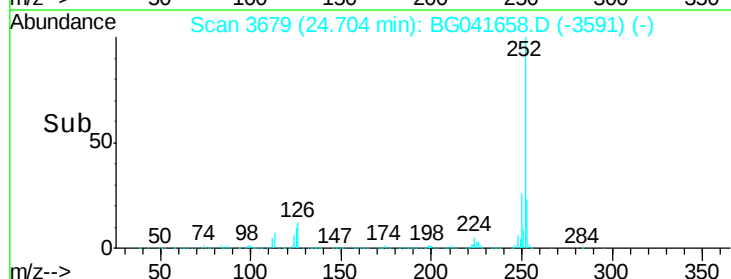
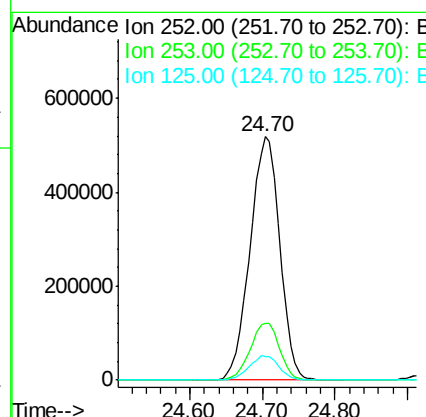
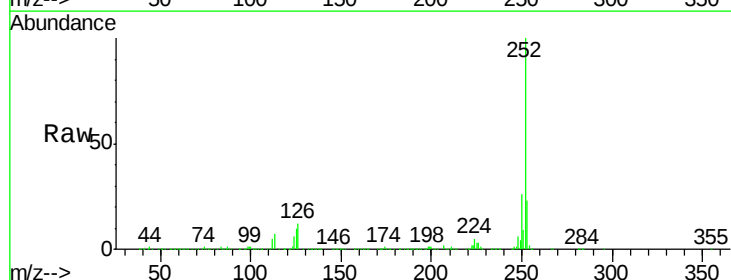
Instrument :
BNA_G
ClientSampleId :

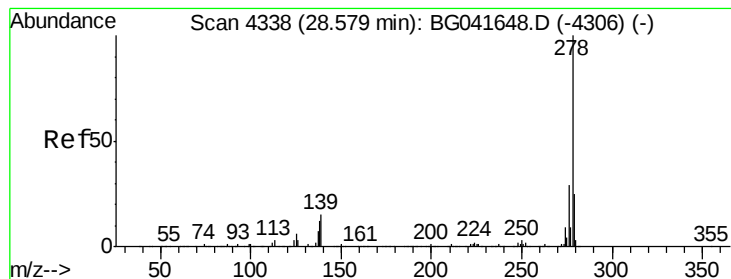
Tot Ion:252 Resp: 1465095
Ion Ratio Lower Upper
252 100
253 24.2 20.5 30.7
125 9.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 41.037 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG041658.D
Acq: 16 Jul 2019 8:27

Tgt Ion:252 Resp: 1473549
Ion Ratio Lower Upper
252 100
253 23.1 19.8 29.8
125 9.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 40.919 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.02 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

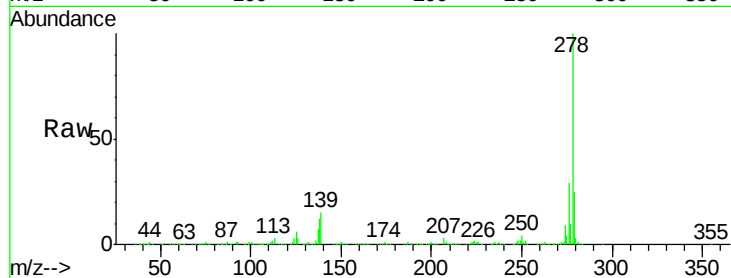
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1424619

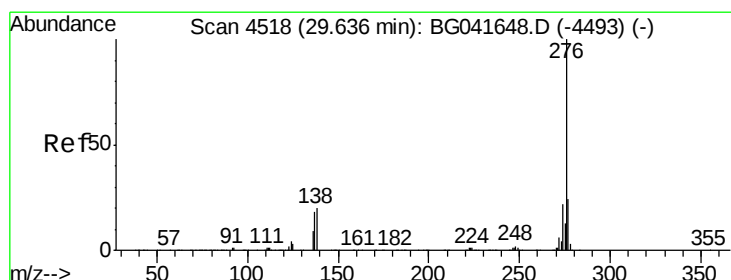
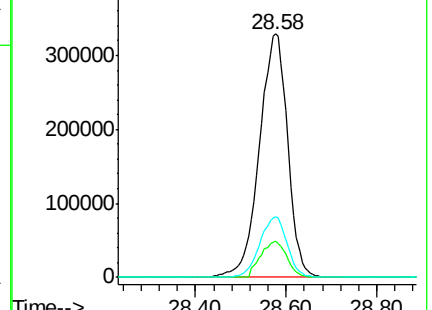
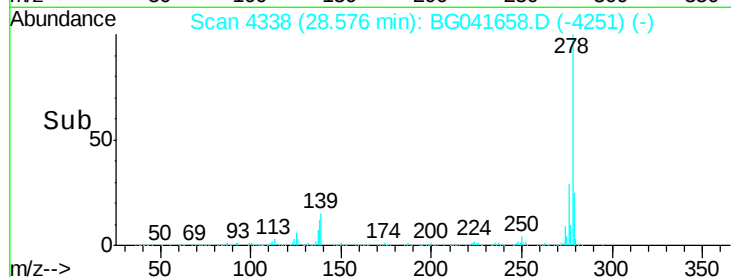
Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.6	19.0
279	24.7	20.5	30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.975 ng

RT: 29.64 min Scan# 4519

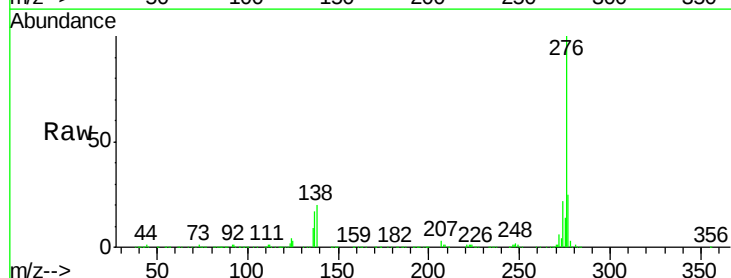
Delta R.T. -0.02 min

Lab File: BG041658.D

Acq: 16 Jul 2019 8:27

Tgt Ion:276 Resp: 1429592

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	20.1	16.6	25.0



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

