

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041710.D
 Acq On : 18 Jul 2019 15:13
 Operator : HP/JU
 Sample : K3835-44MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 18 18:08:00 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	115033	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	468363	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	289734	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	686458	20.00	ng	0.00
76) Chrysene-d12	21.65	240	639949	20.00	ng	0.00
87) Perylene-d12	24.84	264	742695	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	901141	128.06	ng	0.00
7) Phenol-d6	7.21	99	1277032	134.93	ng	0.00
23) Nitrobenzene-d5	9.20	82	735711	95.53	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	478406	146.51	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1645535	87.95	ng	0.00
79) Terphenyl-d14	20.00	244	2412484	88.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	113937	34.092	ng	95
3) Pyridine	3.90	79	270142	30.281	ng	96
4) n-Nitrosodimethylamine	3.81	42	160982	39.075	ng	98
6) Aniline	7.37	93	411565	32.354	ng	96
8) 2-Chlorophenol	7.61	128	351890	44.173	ng	99
9) Benzaldehyde	7.18	77	177797	28.251	ng	98
10) Phenol	7.23	94	445441	44.670	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	335598	41.671	ng	95
12) 1,3-Dichlorobenzene	7.94	146	375001	39.452	ng	100
13) 1,4-Dichlorobenzene	8.08	146	383338	40.270	ng	98
14) 1,2-Dichlorobenzene	8.40	146	359839	40.094	ng	98
15) Benzyl Alcohol	8.28	79	320233	42.499	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	638444	38.258	ng	98
17) 2-Methylphenol	8.48	107	306003	44.373	ng	98
18) Hexachloroethane	9.14	117	137292	39.377	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	282291	40.806	ng	99
20) 3+4-Methylphenols	8.81	107	424869	44.959	ng	100
22) Acetophenone	8.87	105	513762	45.038	ng	# 95
24) Nitrobenzene	9.24	77	384289	45.742	ng	98
25) Isophorone	9.77	82	733996	43.524	ng	100
26) 2-Nitrophenol	9.96	139	193573	50.009	ng	96
27) 2,4-Dimethylphenol	10.01	122	338177	50.683	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	453972	43.677	ng	99
29) 2,4-Dichlorophenol	10.50	162	368205	48.400	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	389012	43.551	ng	99
31) Naphthalene	10.90	128	1027563	44.564	ng	98
32) Benzoic acid	10.10	122	77836	19.453	ng	94
33) 4-Chloroaniline	11.00	127	314774	29.595	ng	98
34) Hexachlorobutadiene	11.19	225	240795	41.942	ng	98
35) Caprolactam	11.76	113	79275	28.351	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	380078	47.690	ng	98
37) 2-Methylnaphthalene	12.51	142	782456	44.416	ng	100
38) 1-Methylnaphthalene	12.72	142	741266	44.136	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	446259	44.965	ng	100

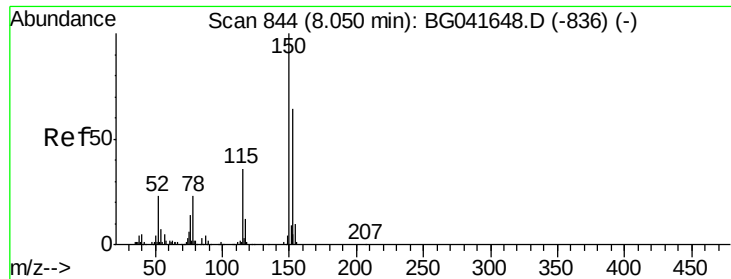
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041710.D
 Acq On : 18 Jul 2019 15:13
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	581018	103.493	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	317735	49.273	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	342596	50.425	ng	99
46) 1,1'-Biphenyl	13.50	154	978617	45.084	ng	99
47) 2-Chloronaphthalene	13.55	162	796319	44.018	ng	99
48) 2-Nitroaniline	13.73	65	256854	48.765	ng	99
49) Acenaphthylene	14.39	152	1253331	44.380	ng	99
50) Dimethylphthalate	14.12	163	1277693	56.149	ng	99
51) 2,6-Dinitrotoluene	14.23	165	246120	50.992	ng	98
52) Acenaphthene	14.73	154	827022	46.470	ng	100
53) 3-Nitroaniline	14.56	138	182166	34.574	ng	95
54) 2,4-Dinitrophenol	14.76	184	172966	71.785	ng	96
55) Dibenzofuran	15.06	168	1195242	44.755	ng	98
56) 4-Nitrophenol	14.86	139	434076	101.757	ng	98
57) 2,4-Dinitrotoluene	15.01	165	332307	52.083	ng	98
58) Fluorene	15.71	166	961681	44.255	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	327358	52.190	ng	99
60) Diethylphthalate	15.48	149	1019673	44.480	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	547255	44.552	ng	98
62) 4-Nitroaniline	15.72	138	264054	47.253	ng	99
63) Azobenzene	15.99	77	914764	44.137	ng	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	172487	52.245	ng	98
66) n-Nitrosodiphenylamine	15.91	169	903657	44.827	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	366544	44.876	ng	97
68) Hexachlorobenzene	16.71	284	355899	43.270	ng	98
69) Atrazine	16.85	200	354638	48.477	ng	99
70) Pentachlorophenol	17.05	266	486460	94.590	ng	98
71) Phenanthrene	17.44	178	1523948	44.083	ng	99
72) Anthracene	17.53	178	1557338	45.193	ng	99
73) Carbazole	17.79	167	1440719	45.081	ng	98
74) Di-n-butylphthalate	18.36	149	1641205	42.105	ng	98
75) Fluoranthene	19.44	202	1809605	42.630	ng	98
77) Benzidine	19.61	184	682868	28.009	ng	97
78) Pyrene	19.80	202	1803687	41.673	ng	97
80) Butylbenzylphthalate	20.69	149	789169	43.878	ng	96
81) Benzo(a)anthracene	21.63	228	1757141	42.497	ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	542539	33.345	ng	98
83) Chrysene	21.69	228	1712183	43.336	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1091970	43.001	ng	97
85) Di-n-octyl phthalate	22.76	149	1912046	44.214	ng	97
86) Indeno(1,2,3-cd)pyrene	28.49	276	2283026	43.794	ng	# 92
88) Benzo(b)fluoranthene	23.83	252	1982476	44.006	ng	98
89) Benzo(k)fluoranthene	23.90	252	1872213	44.850	ng	98
90) Benzo(a)pyrene	24.70	252	1938726	45.485	ng	99
91) Dibenzo(a,h)anthracene	28.56	278	1865334	45.136	ng	99
92) Benzo(g,h,i)perylene	29.63	276	1878239	45.351	ng	99

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

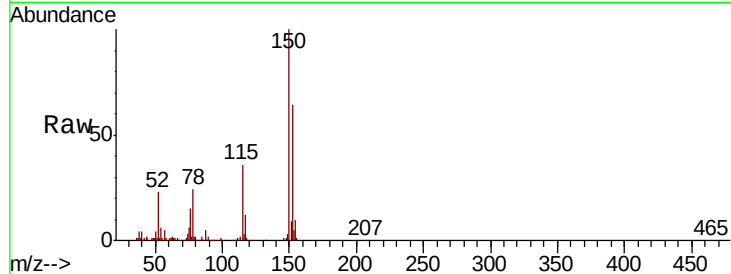


#1

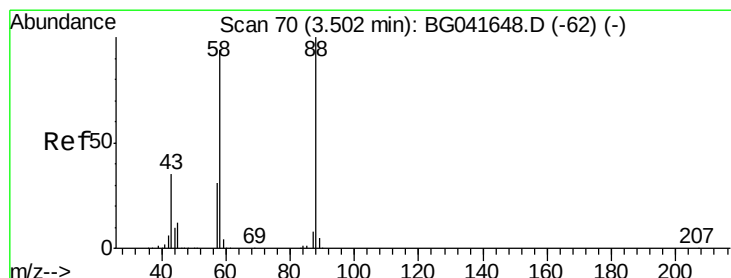
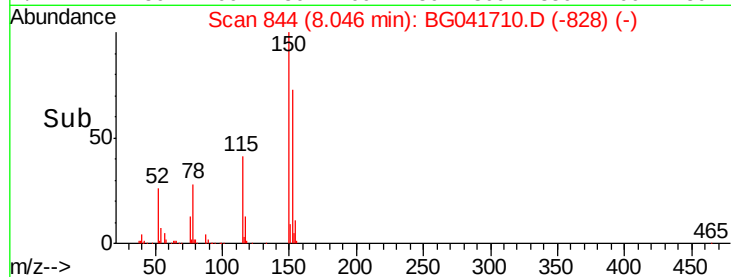
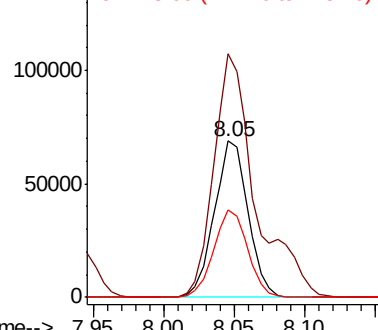
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 115033
Ion Ratio Lower Upper
152 100
150 156.0 126.9 190.3
115 56.2 45.0 67.6



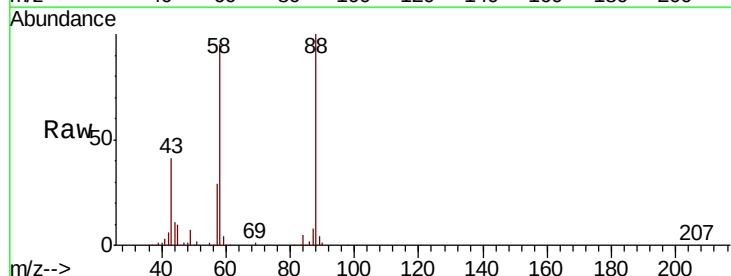
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



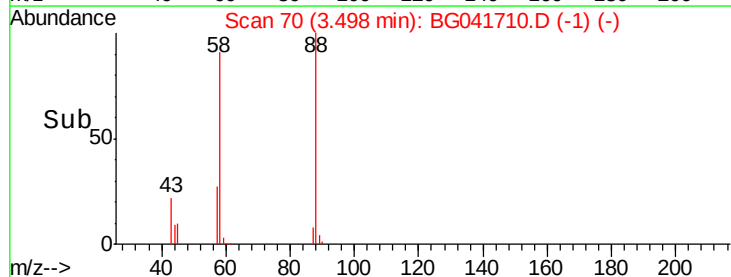
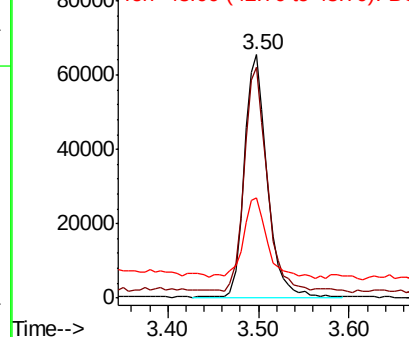
#2

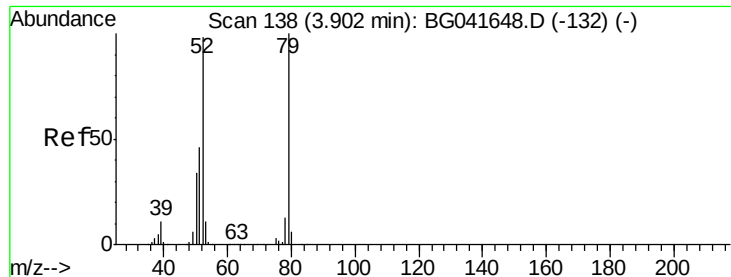
1,4-Dioxane
Concen: 34.092 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion: 88 Resp: 113937
Ion Ratio Lower Upper
88 100
58 89.6 76.2 114.2
43 36.1 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: 30.281 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampleId :

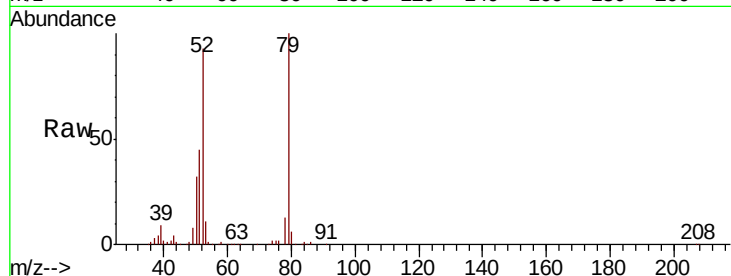
Tot Ion: 79 Resp: 270142

Ion Ratio Lower Upper

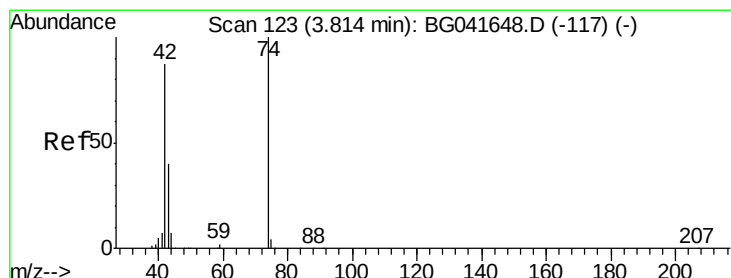
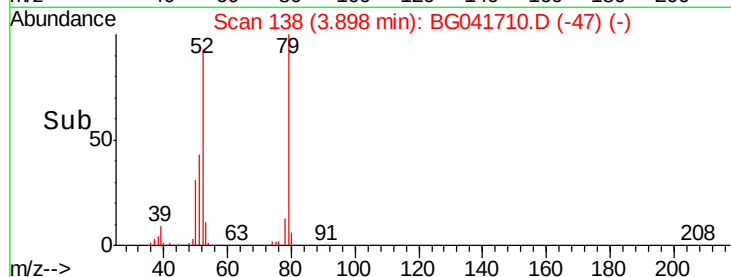
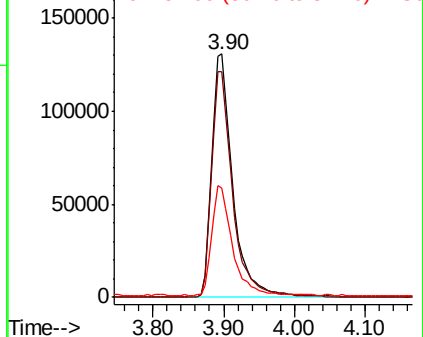
79 100

52 92.5 77.1 115.7

51 44.9 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: 39.075 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

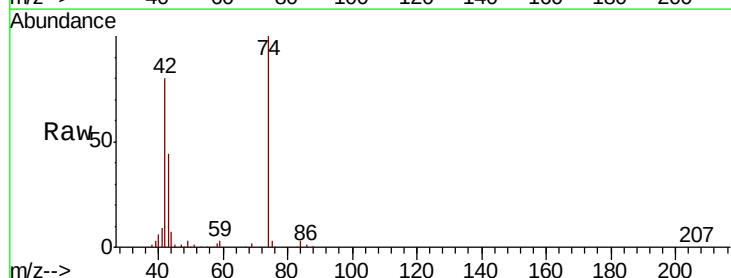
Tgt Ion: 42 Resp: 160982

Ion Ratio Lower Upper

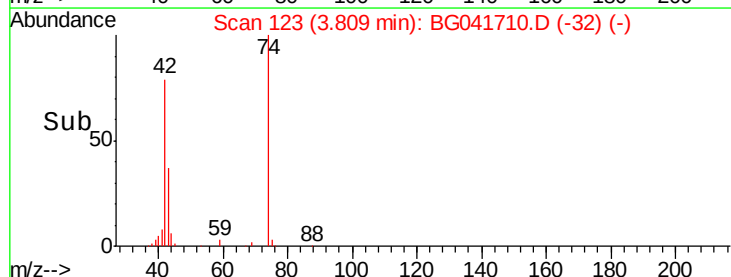
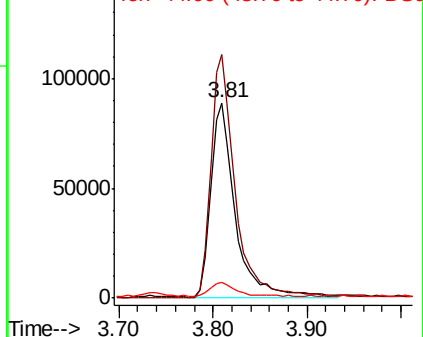
42 100

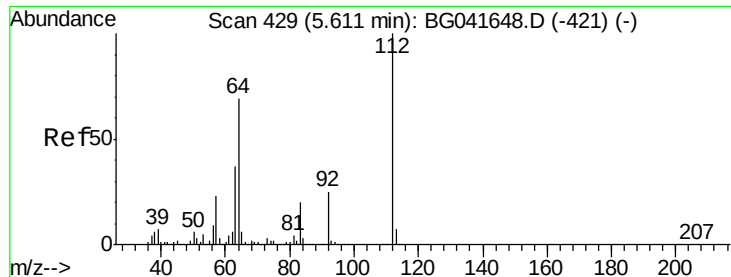
74 124.5 97.4 146.2

44 8.4 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: 128.062 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampleId :

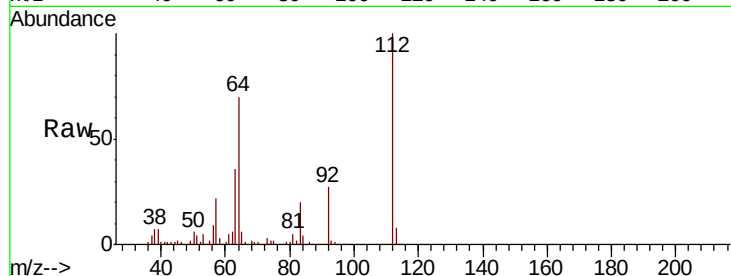
Tot Ion:112 Resp: 901141

Ion Ratio Lower Upper

112 100

64 70.5 55.4 83.2

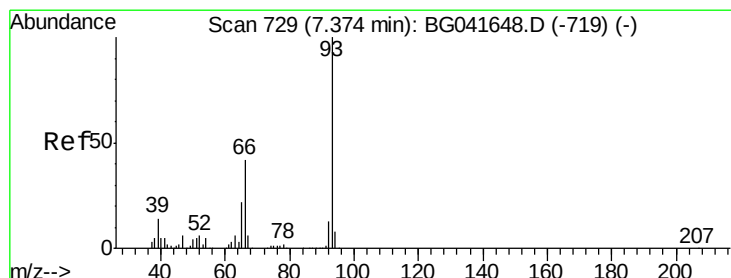
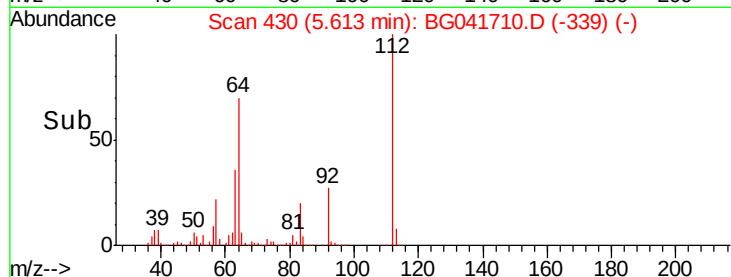
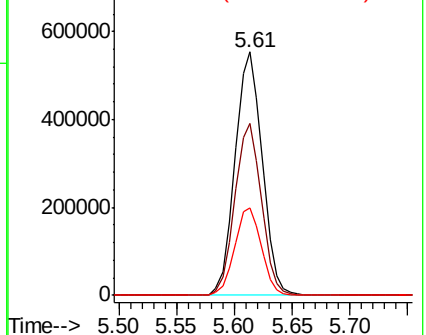
63 36.1 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.354 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

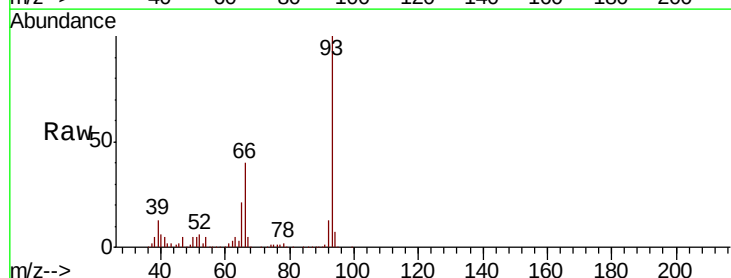
Tgt Ion: 93 Resp: 411565

Ion Ratio Lower Upper

93 100

66 39.9 34.2 51.2

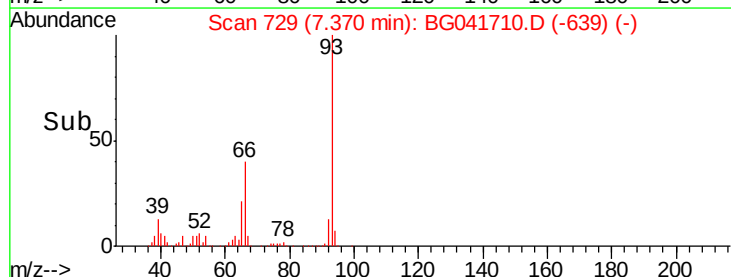
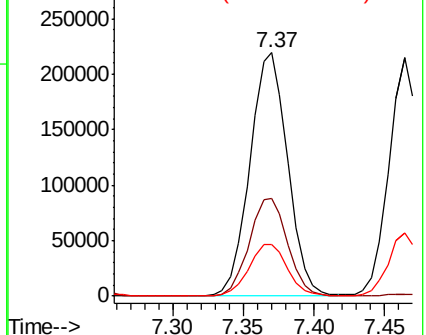
65 21.1 18.2 27.2

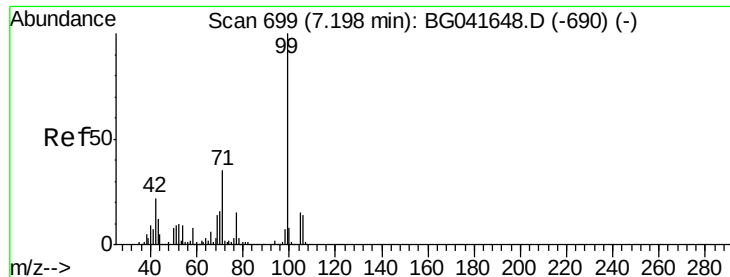


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.926 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampleId :

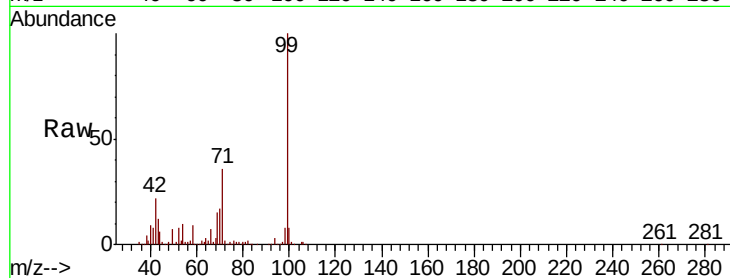
Tot Ion: 99 Resp: 1277032

Ion Ratio Lower Upper

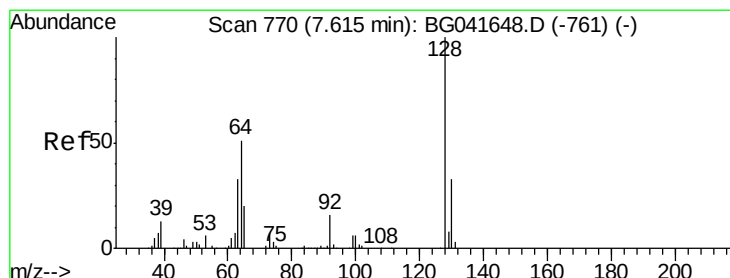
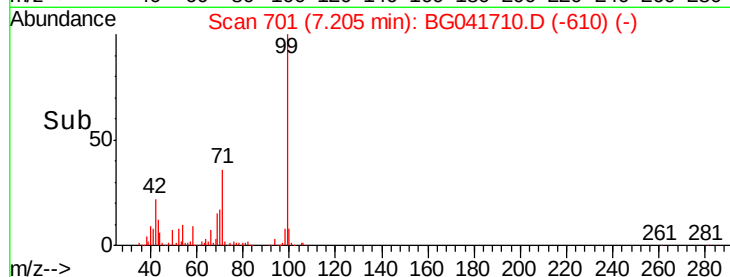
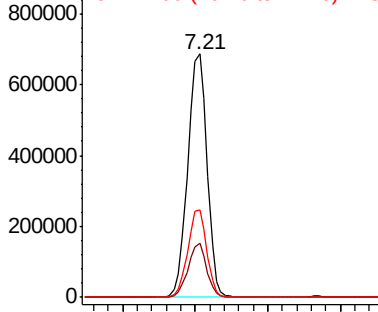
99 100

42 22.3 17.6 26.4

71 36.1 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: 44.173 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

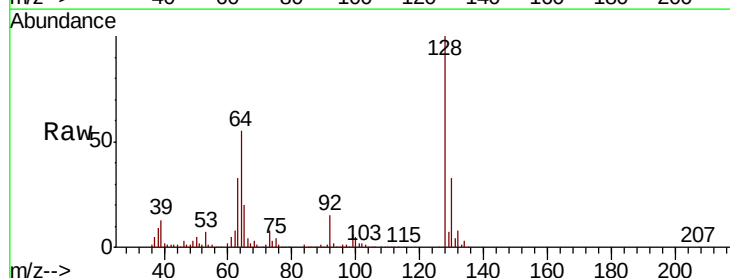
Tgt Ion: 128 Resp: 351890

Ion Ratio Lower Upper

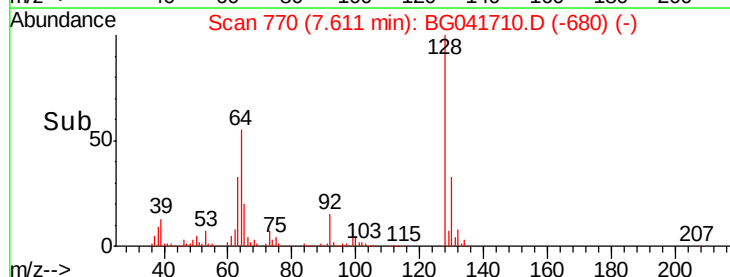
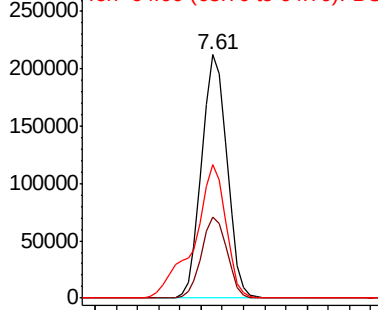
128 100

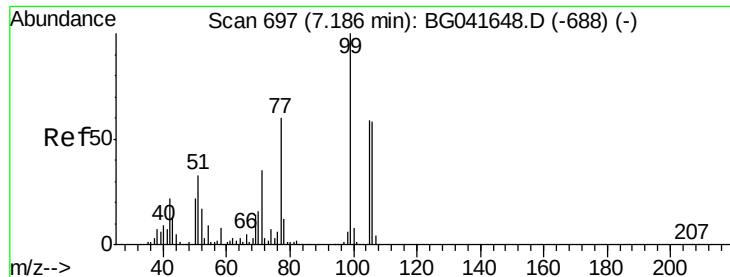
130 33.0 12.4 52.4

64 54.7 34.9 74.9



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





#9

Benzaldehyde

Concen: 28.251 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampleId :

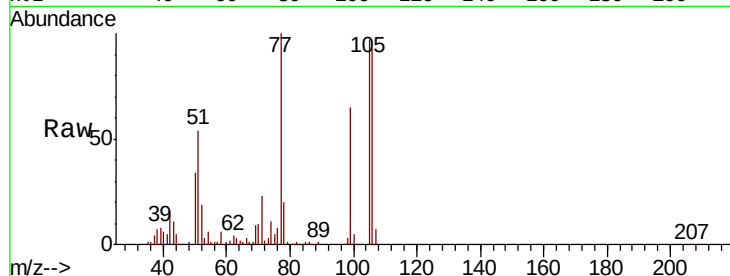
Tot Ion: 77 Resp: 177797

Ion Ratio Lower Upper

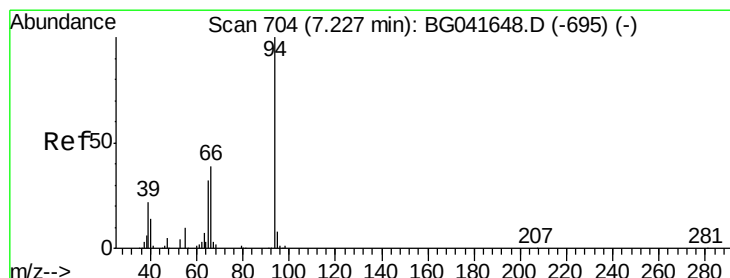
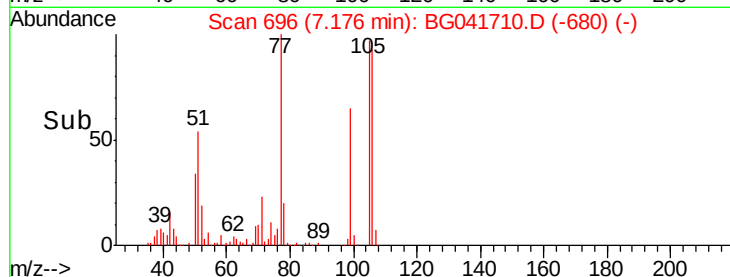
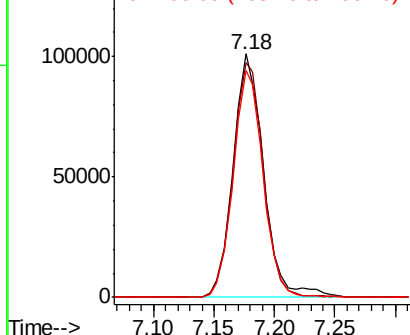
77 100

105 96.5 74.6 114.6

106 93.4 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: 44.670 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

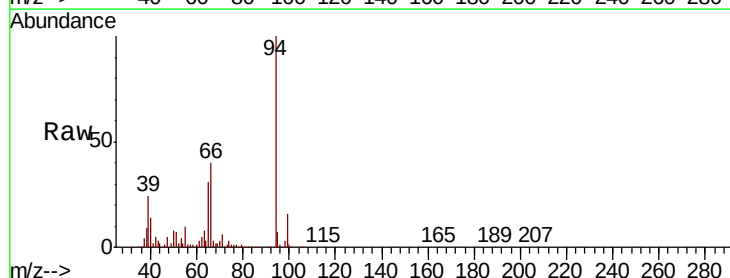
Tgt Ion: 94 Resp: 445441

Ion Ratio Lower Upper

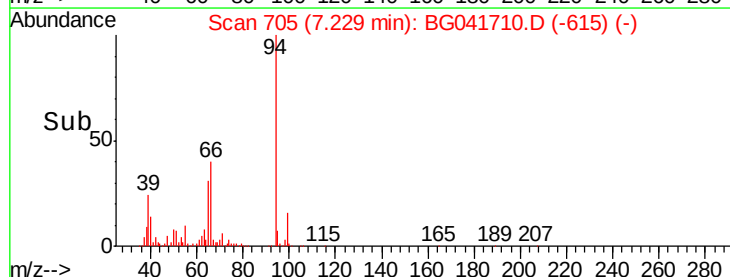
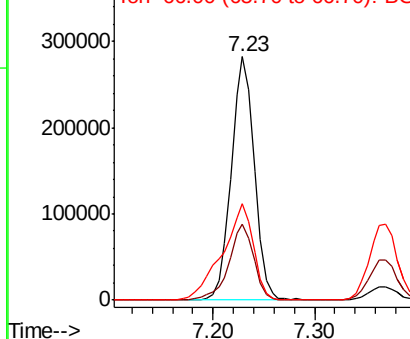
94 100

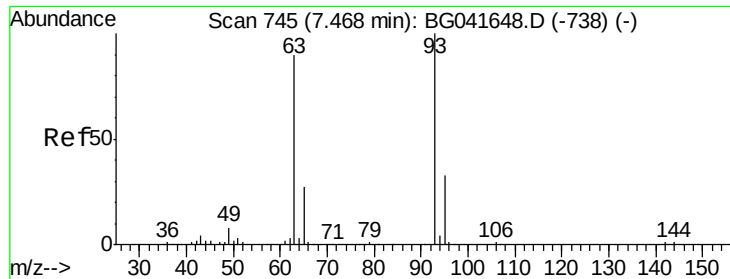
65 31.2 10.6 50.6

66 39.8 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

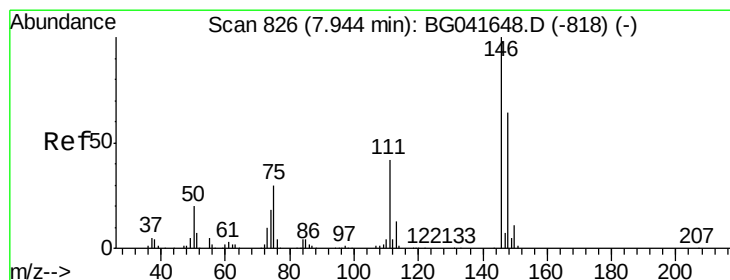
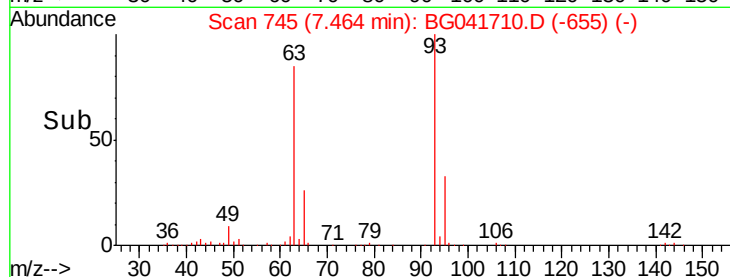
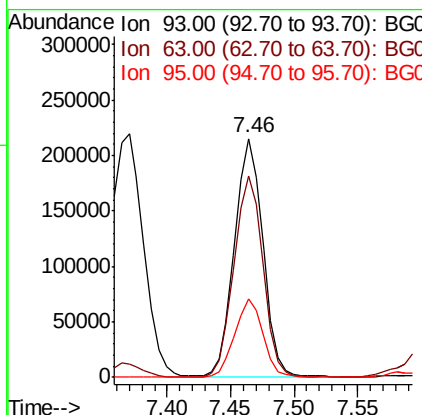
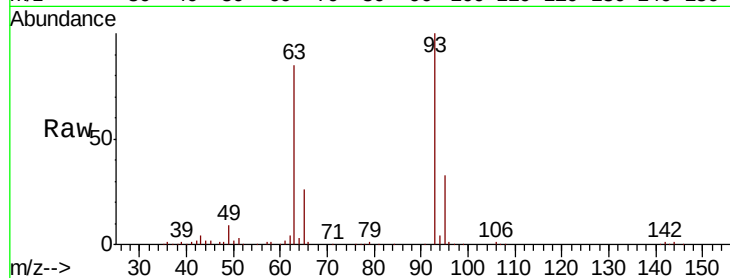




#11
bis(2-Chloroethyl)ether
Concen: 41.671 ng
RT: 7.46 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

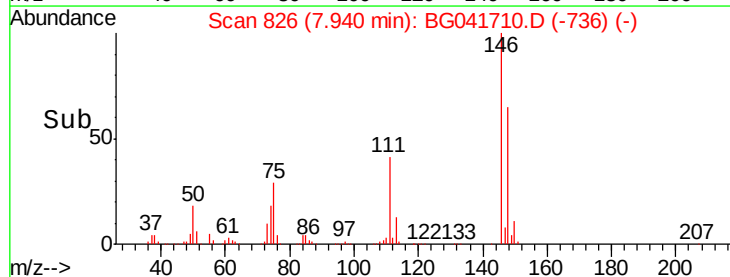
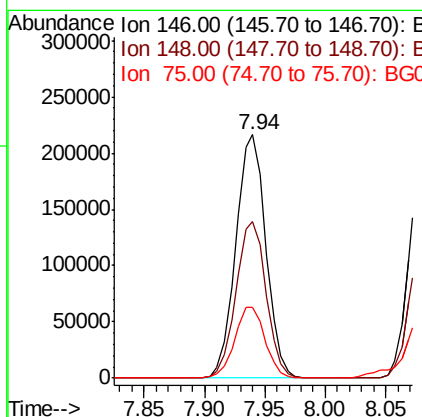
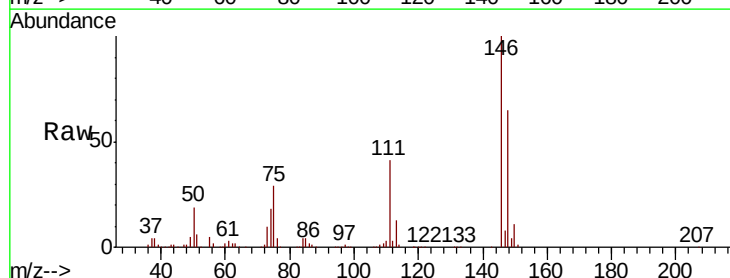
Instrument :
BNA_G
ClientSampled :

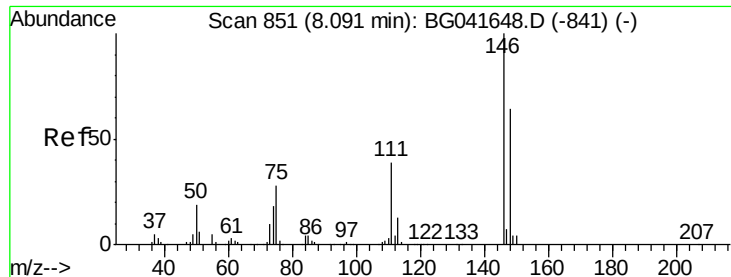
Tot Ion: 93 Resp: 335598
Ion Ratio Lower Upper
93 100
63 84.6 70.4 110.4
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.452 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion: 146 Resp: 375001
Ion Ratio Lower Upper
146 100
148 64.5 51.5 77.3
75 28.9 23.2 34.8

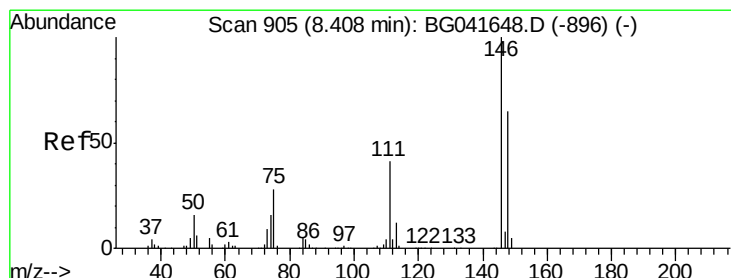
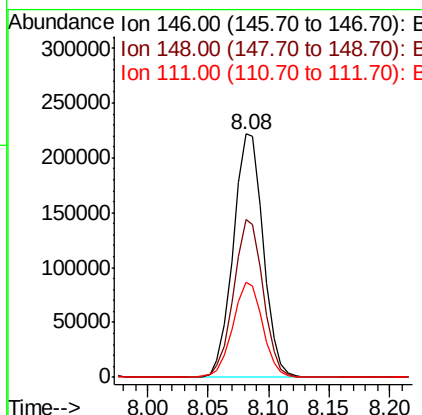
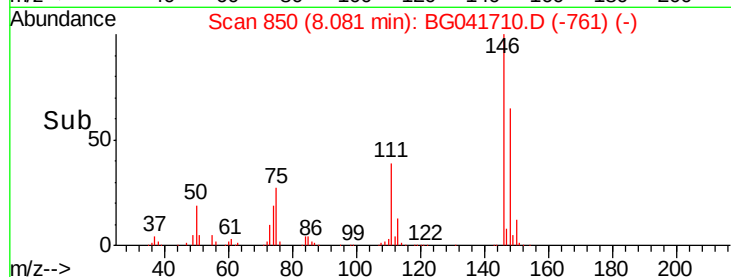
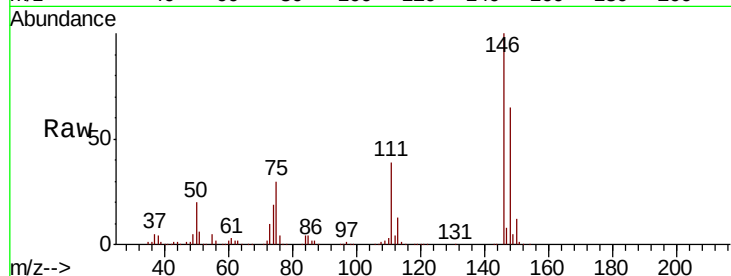




#13
1,4-Dichlorobenzene
Concen: 40.270 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

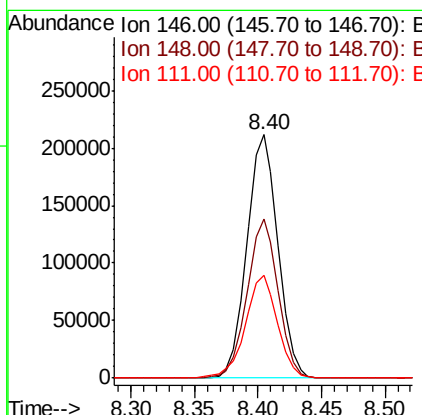
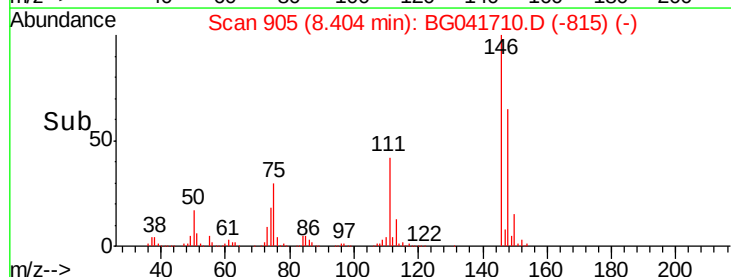
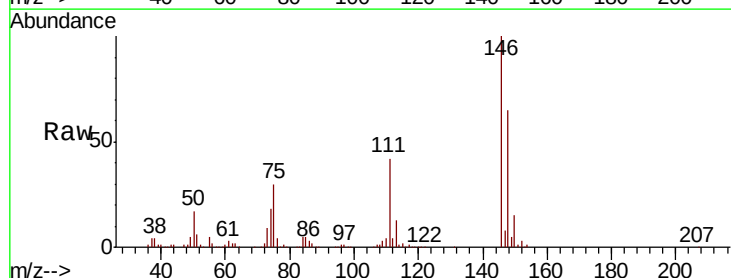
Instrument :
BNA_G
ClientSampled :

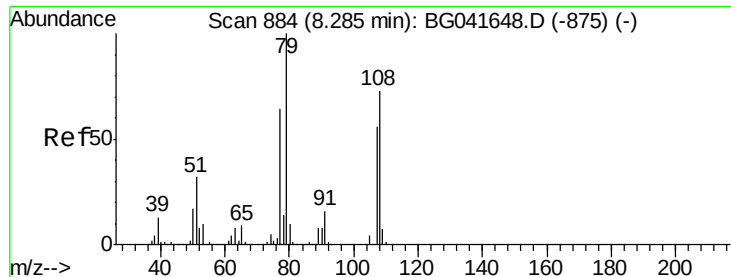
Tot Ion:146 Resp: 383338
Ion Ratio Lower Upper
146 100
148 64.9 52.6 79.0
111 38.9 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 40.094 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion:146 Resp: 359839
Ion Ratio Lower Upper
146 100
148 65.5 53.5 80.3
111 42.1 35.4 53.0





#15

Benzyl Alcohol

Concen: 42.499 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampled :

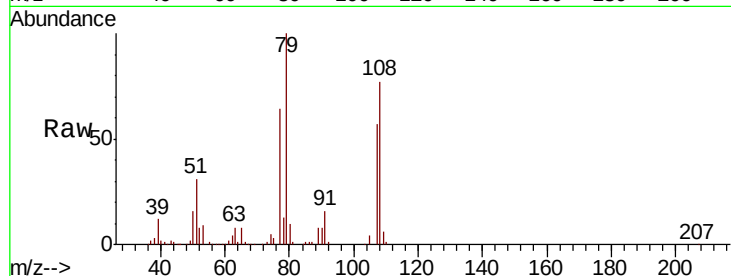
Tot Ion: 79 Resp: 320233

Ion Ratio Lower Upper

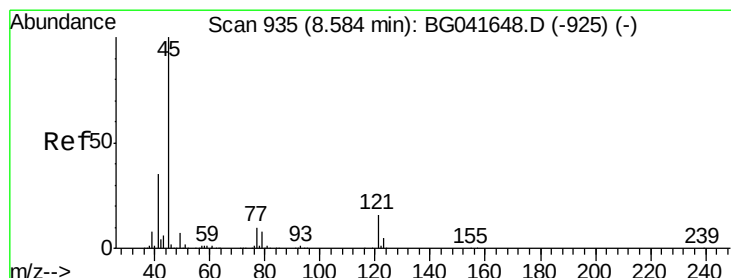
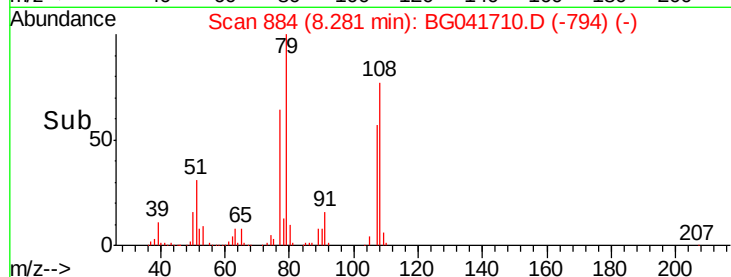
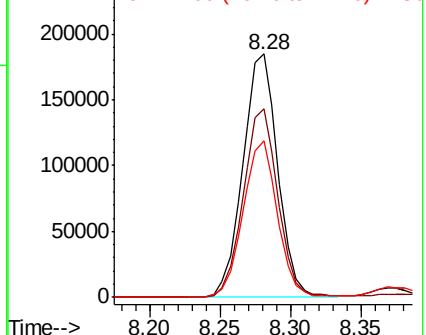
79 100

108 77.3 60.5 90.7

77 64.1 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: 38.258 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

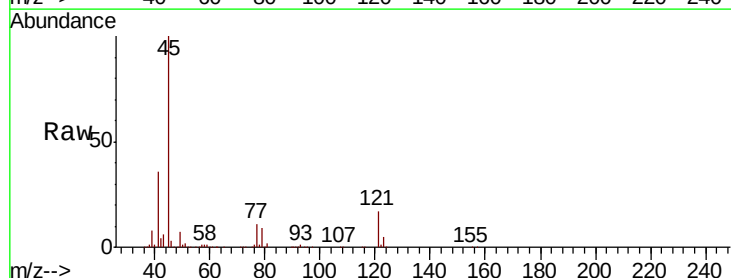
Tgt Ion: 45 Resp: 638444

Ion Ratio Lower Upper

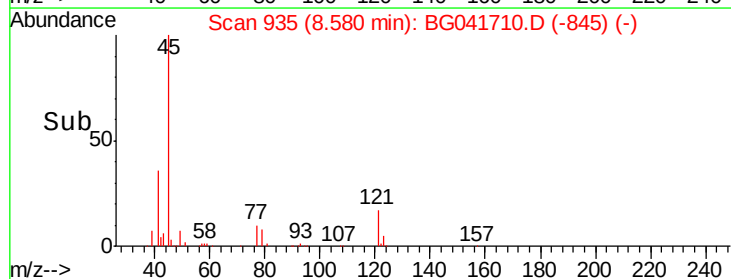
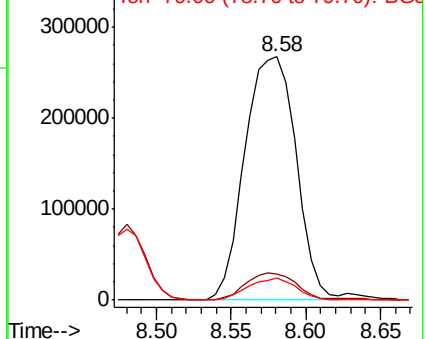
45 100

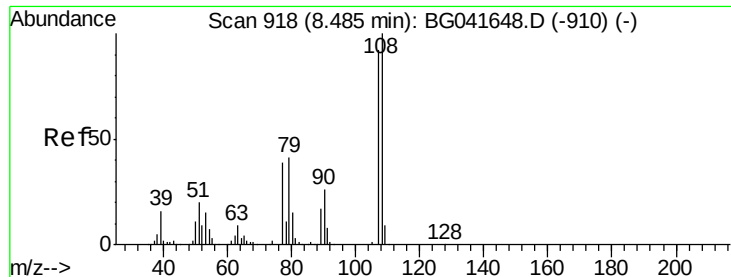
77 10.7 0.0 30.4

79 8.9 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: 44.373 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 306003

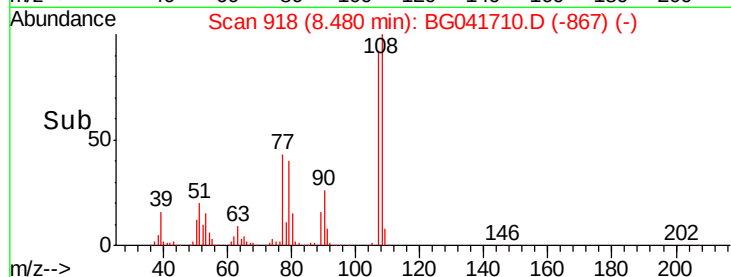
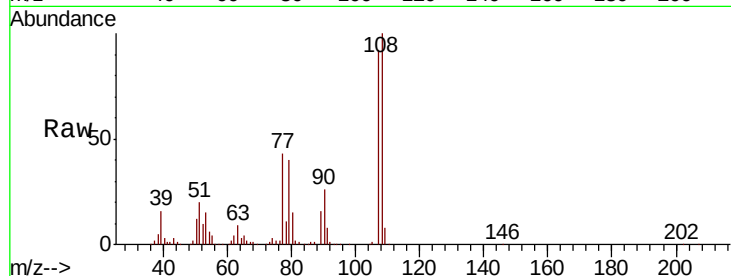
Ion Ratio Lower Upper

107 100

108 108.7 87.6 131.4

77 46.7 36.1 54.1

79 43.7 36.4 54.6

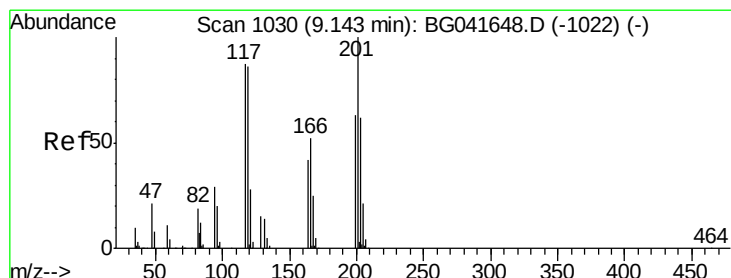
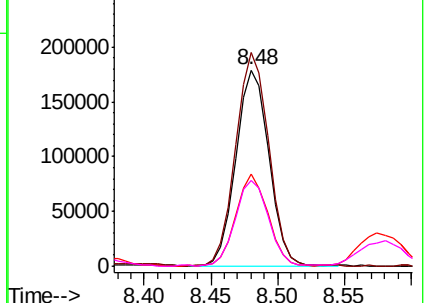


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.377 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

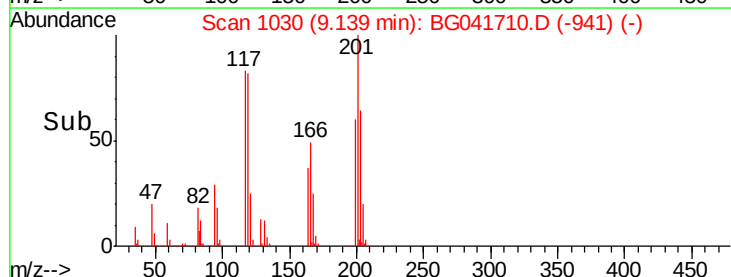
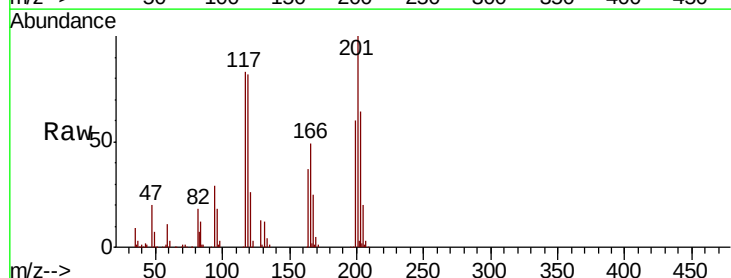
Tgt Ion:117 Resp: 137292

Ion Ratio Lower Upper

117 100

119 99.2 76.2 114.2

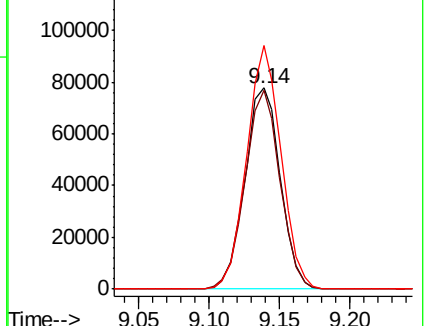
201 121.1 94.1 141.1

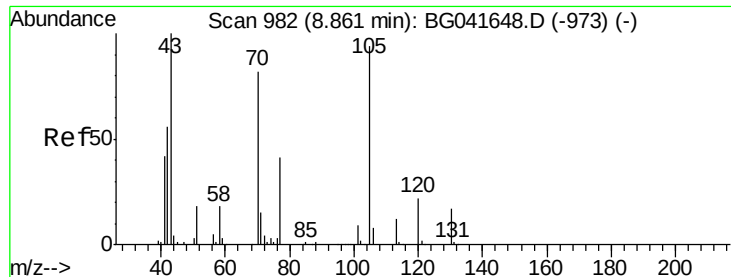


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

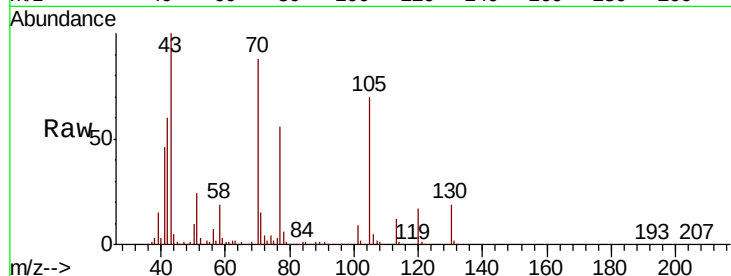




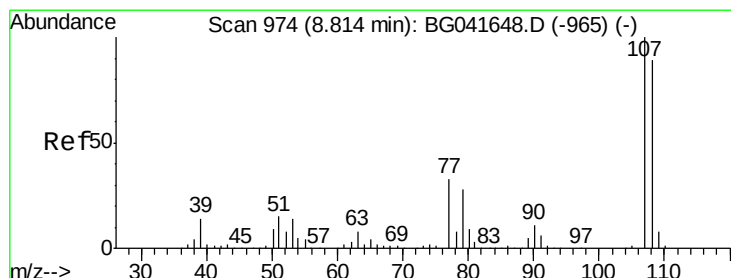
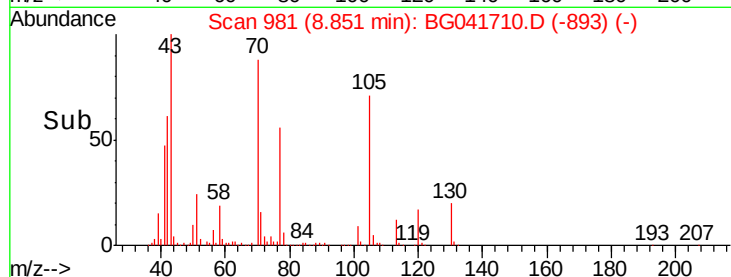
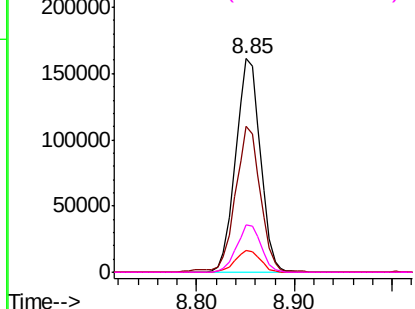
#19
n-Nitroso-di-n-propylamine
Concen: 40.806 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	282291
Ion	Ratio	Lower	Upper
70	100		
42	68.6	55.8	83.6
101	10.5	8.1	12.1
130	22.1	17.3	25.9

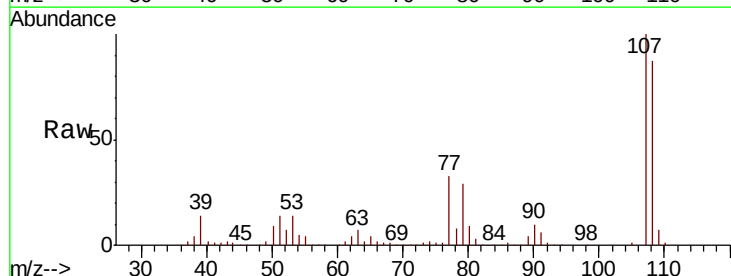


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

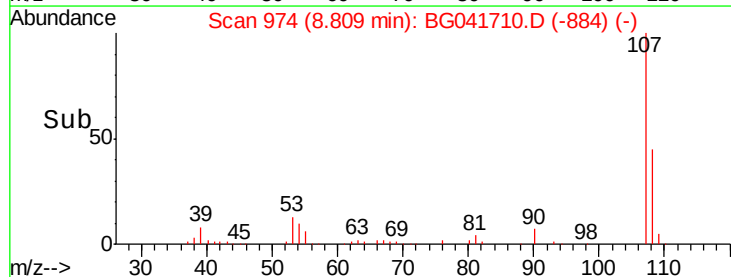
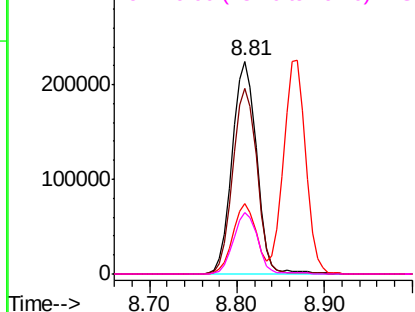


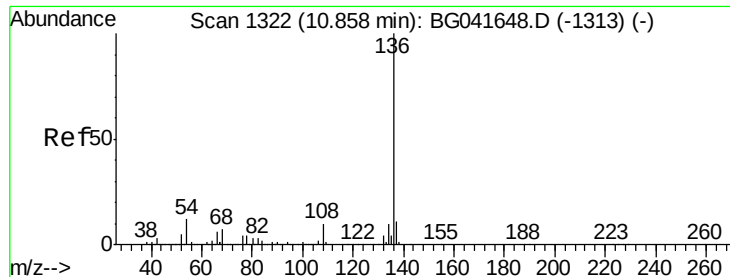
#20
3+4-Methylphenols
Concen: 44.959 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion:	107	Resp:	424869
Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.5	107.5
77	33.1	12.3	52.3
79	28.6	8.3	48.3



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

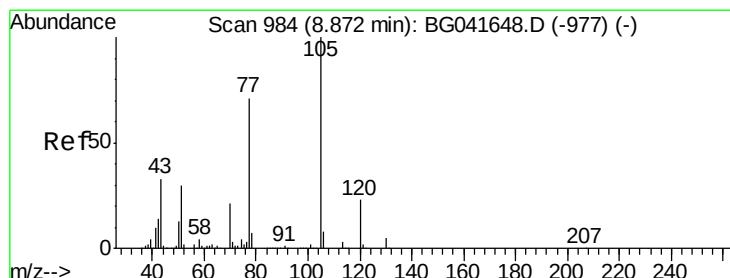
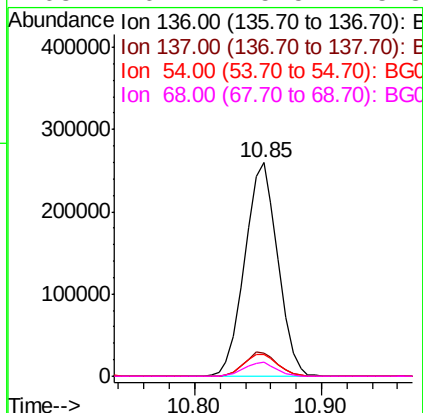
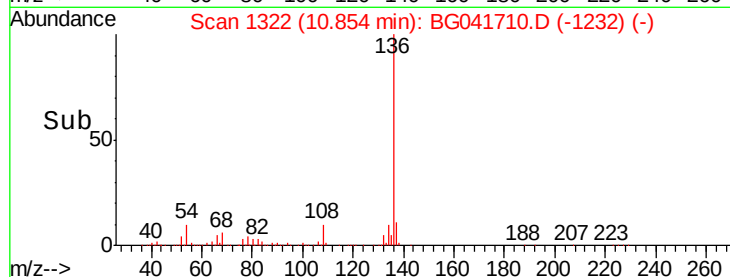
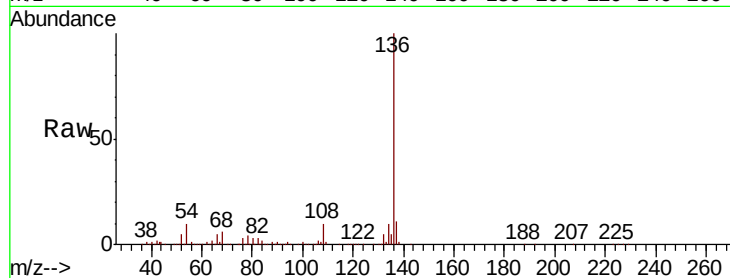




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

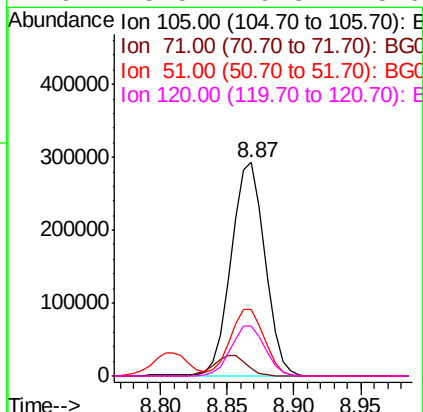
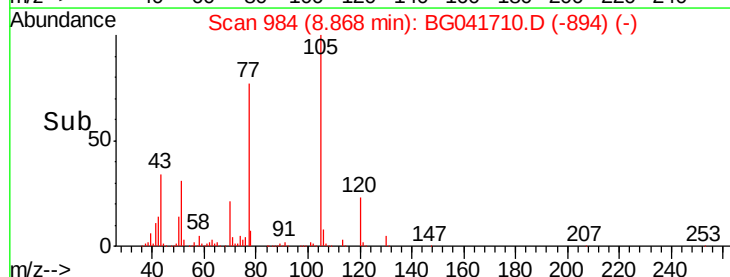
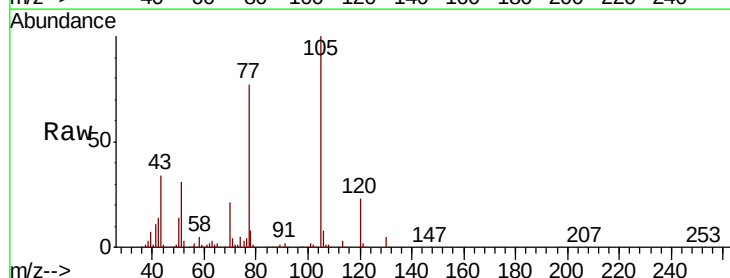
Instrument :
BNA_G
ClientSampleId :

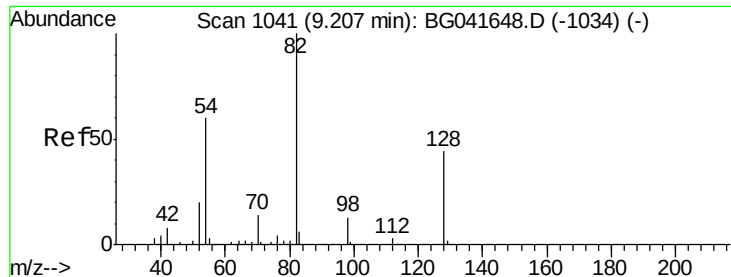
Tot Ion:136	Resp: 468363
Ion Ratio	Lower Upper
136 100	
137 10.5	9.2 13.8
54 10.2	8.7 13.1
68 6.4	5.5 8.3



#22
Acetophenone
Concen: 45.038 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt	Ion:105	Resp:	513762
Ion	Ratio	Lower	Upper
105	100		
71	3.6	5.9	8.9#
51	31.4	27.7	41.5
120	23.5	19.3	28.9

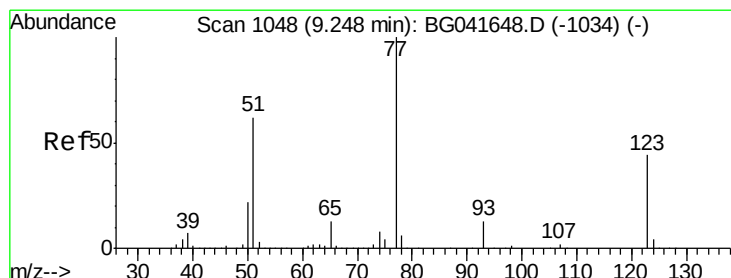
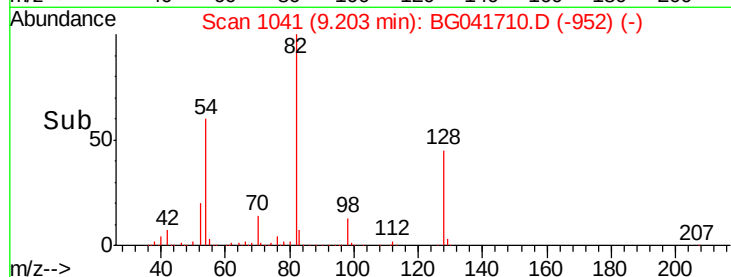
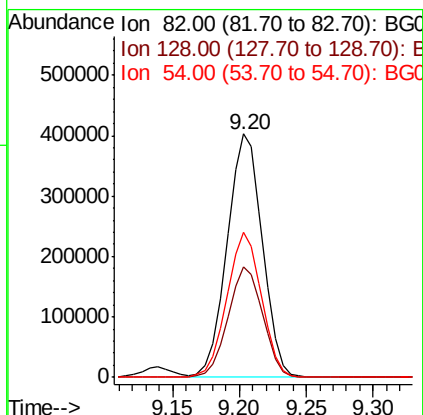
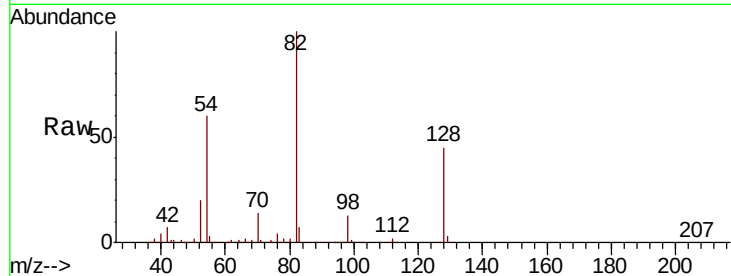




#23
 Nitrobenzene-d5
 Concen: 95.529 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

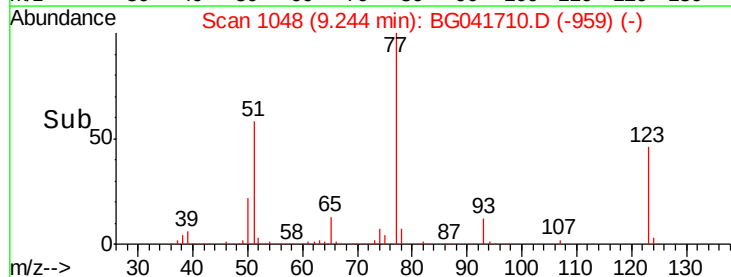
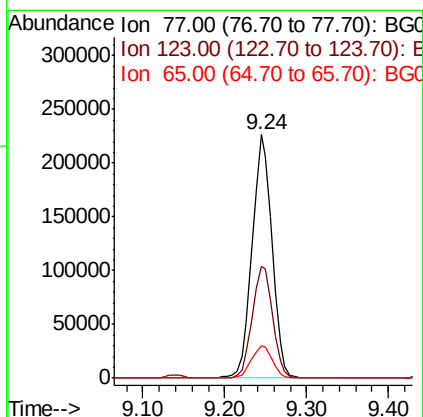
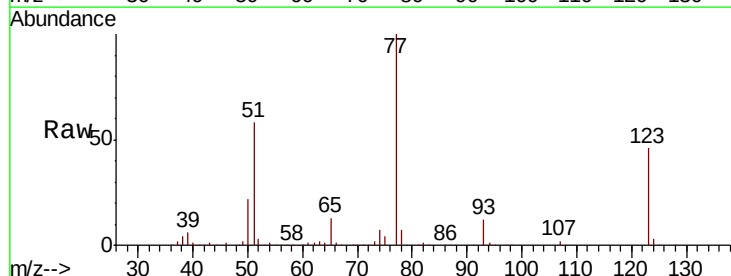
Instrument :
 BNA_G
 ClientSampleId :

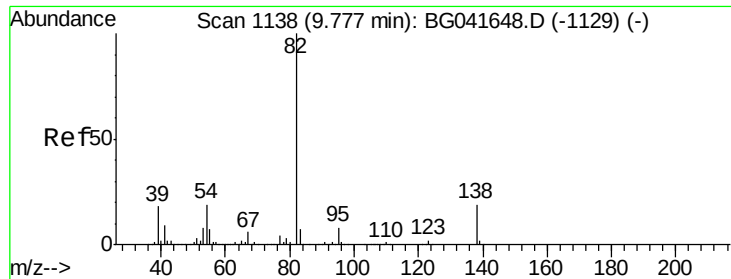
Tot Ion	82	Resp	735711
Ion Ratio	Lower	Upper	
82	100		
128	45.1	35.1	52.7
54	59.6	48.7	73.1



#24
 Nitrobenzene
 Concen: 45.742 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

Tgt Ion	77	Resp	384289
Ion Ratio	Lower	Upper	
77	100		
123	45.8	38.1	57.1
65	13.4	11.0	16.6





#25

Isophorone

Concen: 43.524 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampled :

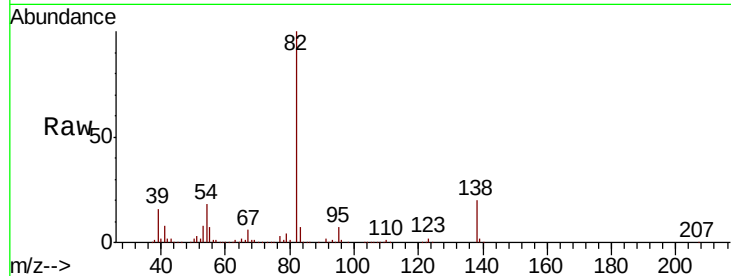
Tot Ion: 82 Resp: 733996

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

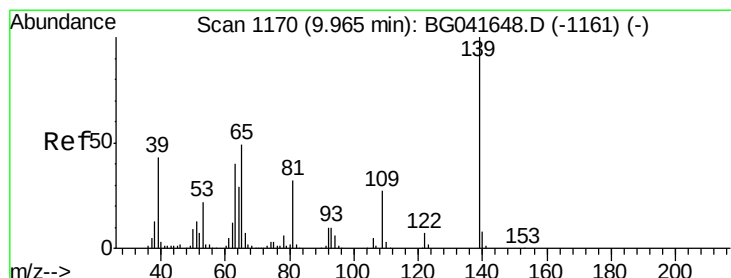
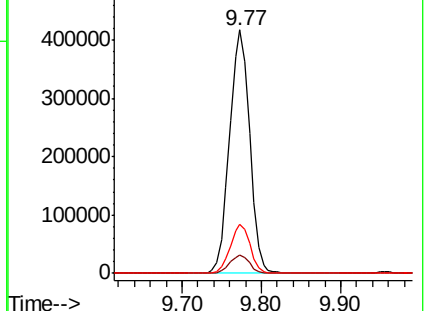
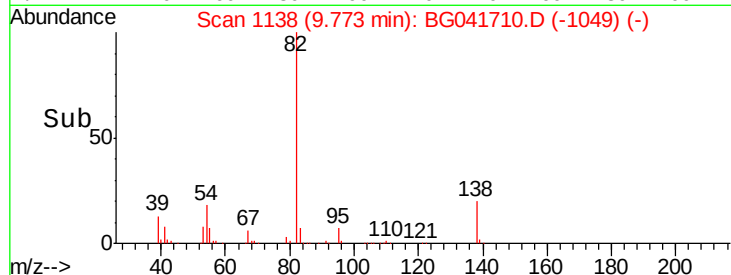
138 20.4 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BG041710.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BG041710.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BG041710.D (-1049) (-)



#26

2-Nitrophenol

Concen: 50.009 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

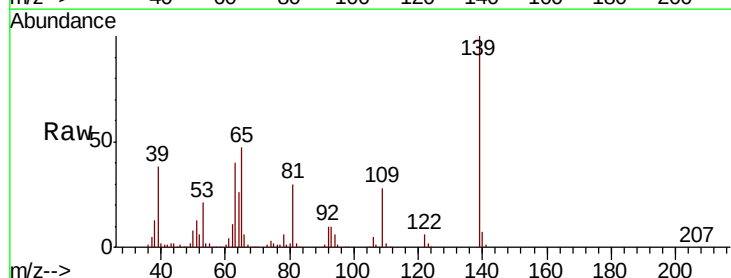
Tgt Ion: 139 Resp: 193573

Ion Ratio Lower Upper

139 100

109 27.7 22.7 34.1

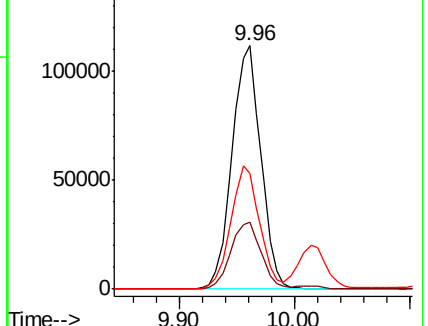
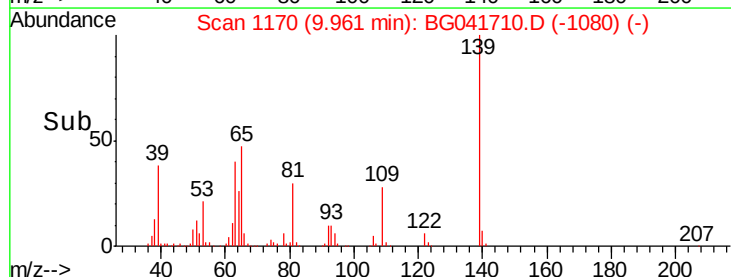
65 47.3 41.1 61.7

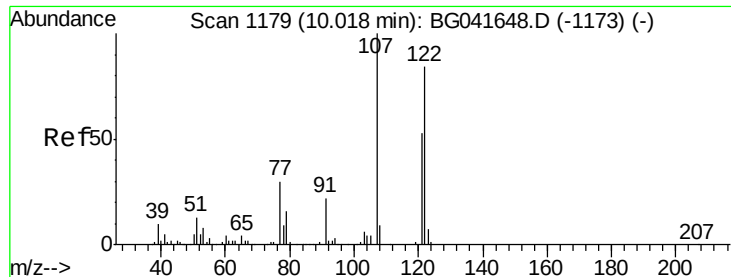


Abundance Ion 139.00 (138.70 to 139.70): BG041710.D (-1080) (-)

Ion 109.00 (108.70 to 109.70): BG041710.D (-1080) (-)

Ion 65.00 (64.70 to 65.70): BG041710.D (-1080) (-)

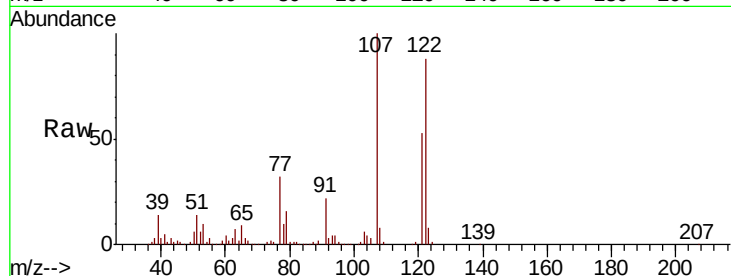




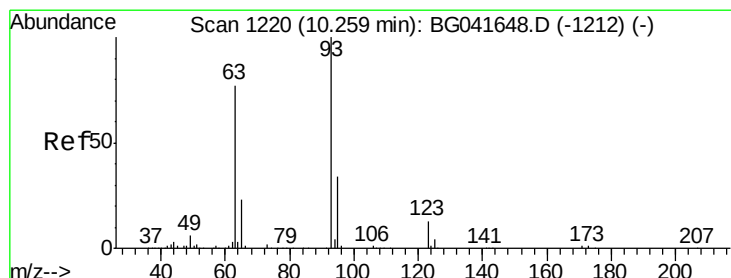
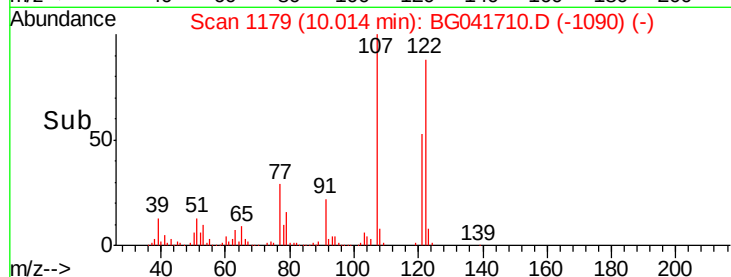
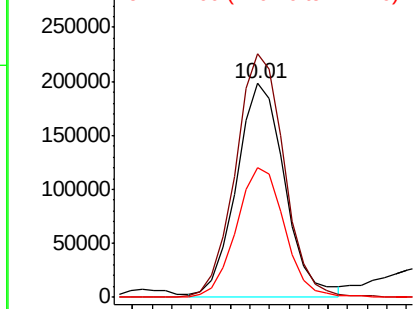
#27
 2,4-Dimethylphenol
 Concen: 50.683 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	91.3	136.9
121	60.7	49.2	73.8

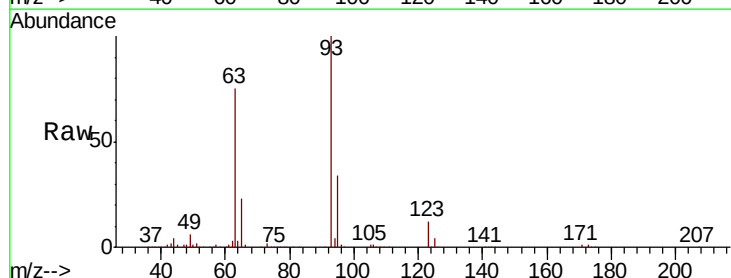


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

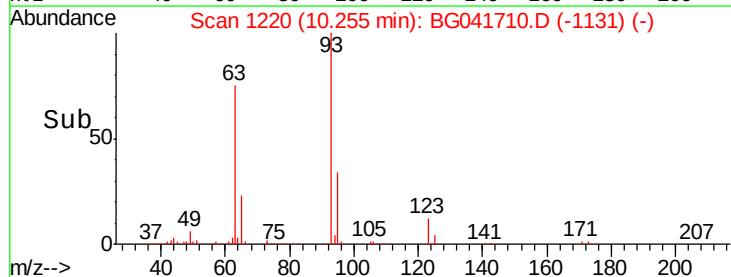
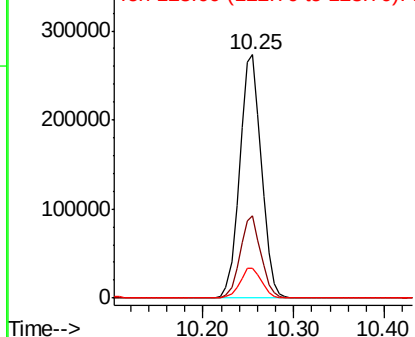


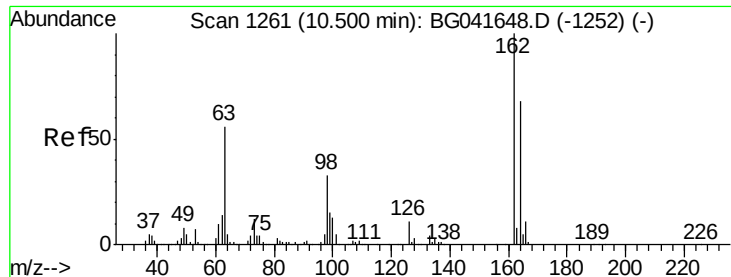
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.677 ng
 RT: 10.25 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.2	39.4
123	12.4	9.9	14.9



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

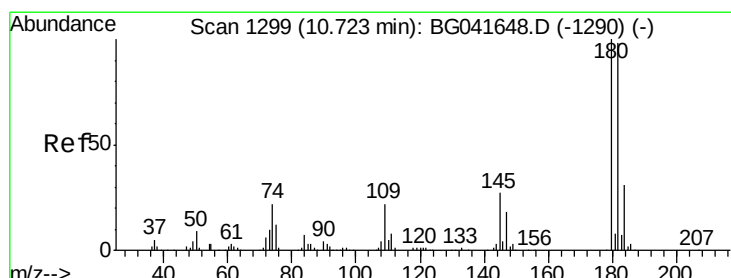
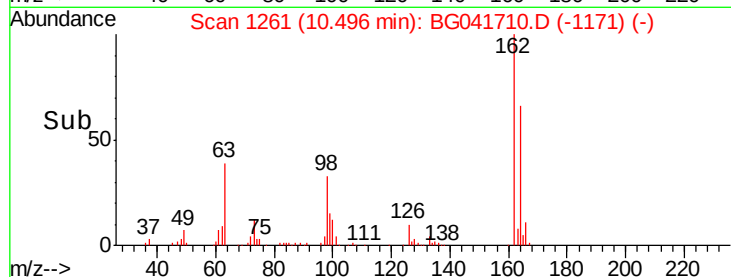
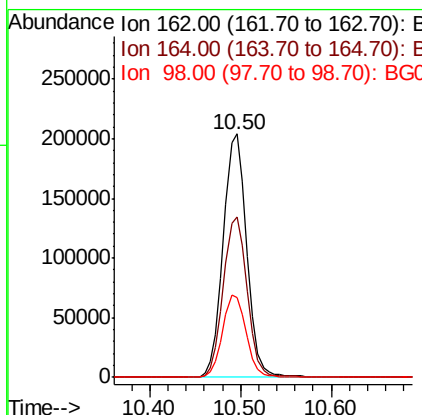
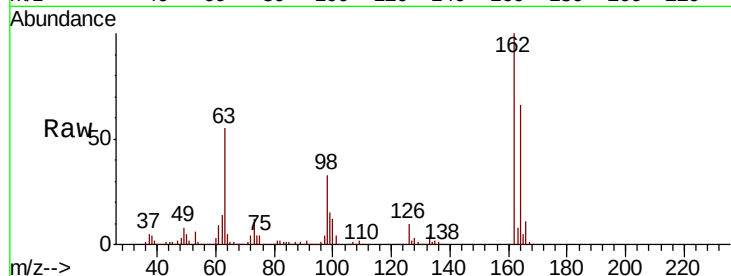




#29
 2,4-Dichlorophenol
 Concen: 48.400 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

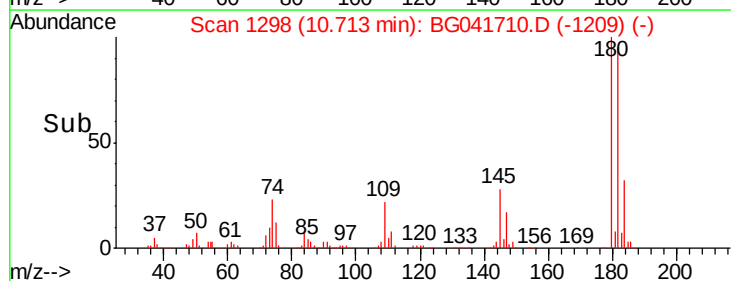
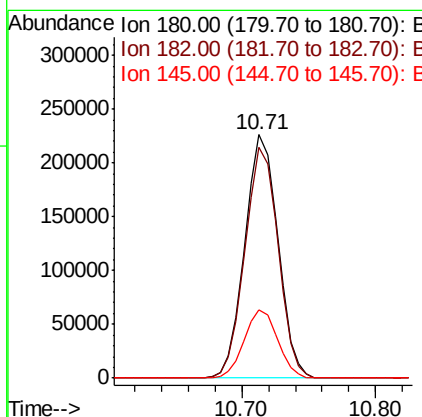
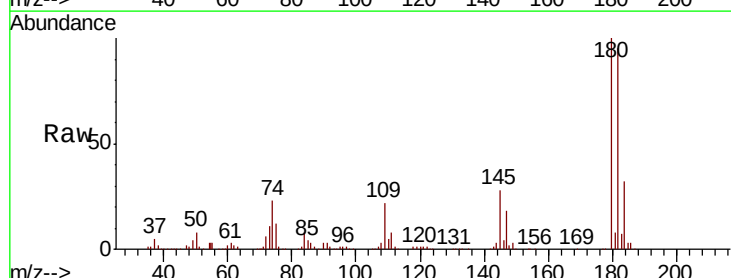
Instrument :
 BNA_G
 ClientSampleId :

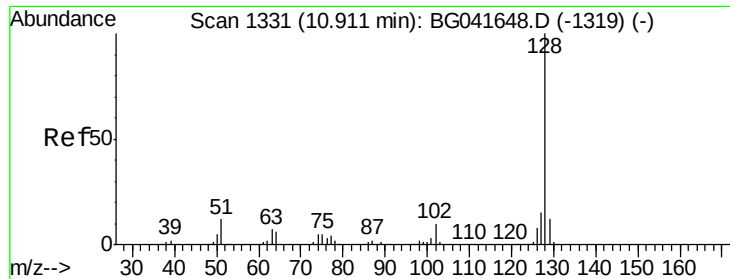
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	46.1	86.1
98	33.0	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 43.551 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.2	114.2
145	28.1	23.8	35.8

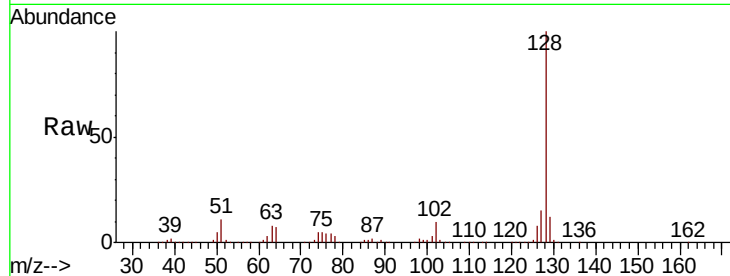




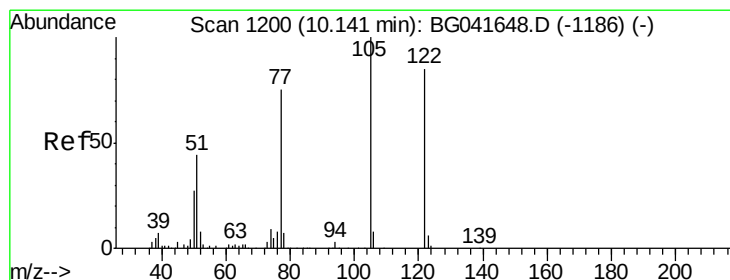
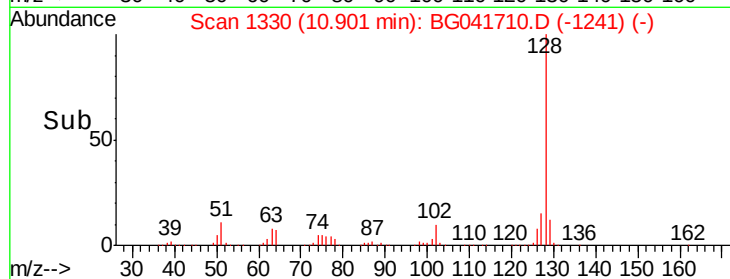
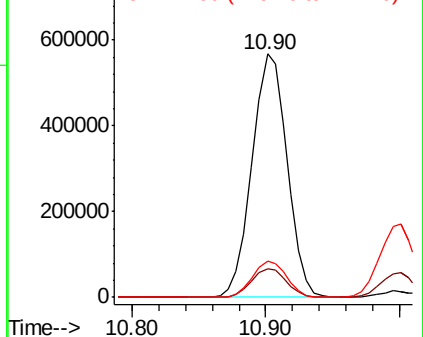
#31
Naphthalene
Concen: 44.564 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 1027563
Ion Ratio Lower Upper
128 100
129 11.8 10.0 15.0
127 14.7 12.3 18.5

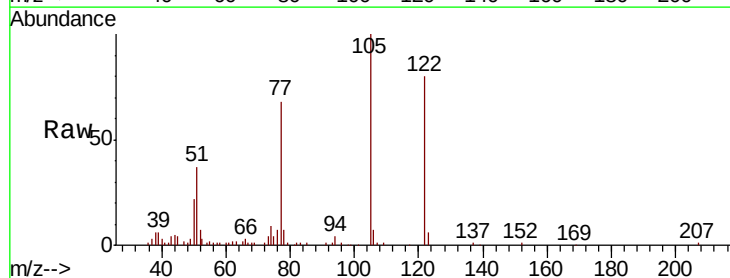


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

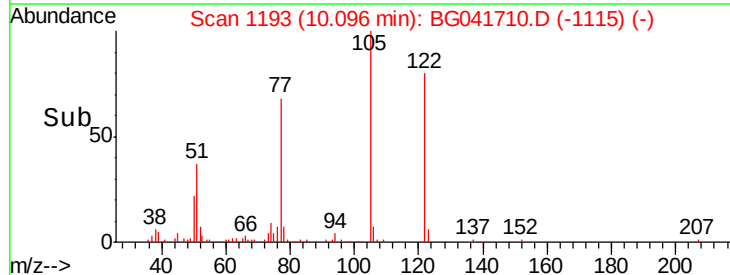
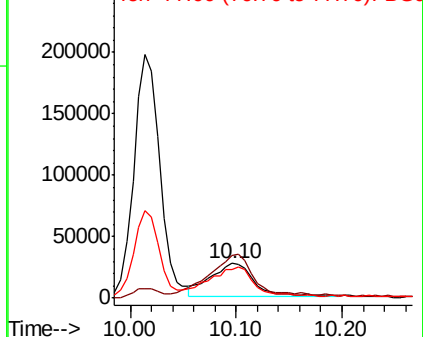


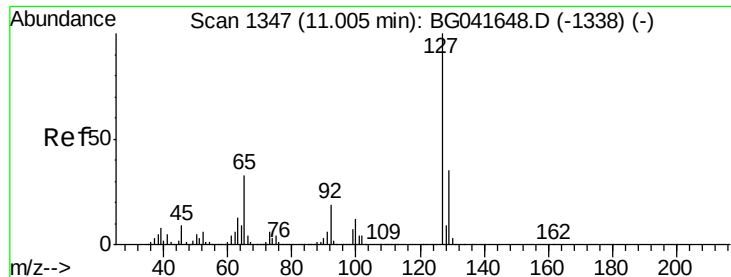
#32
Benzoic acid
Concen: 19.453 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.07 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion:122 Resp: 77836
Ion Ratio Lower Upper
122 100
105 124.6 101.5 141.5
77 84.1 73.0 113.0



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

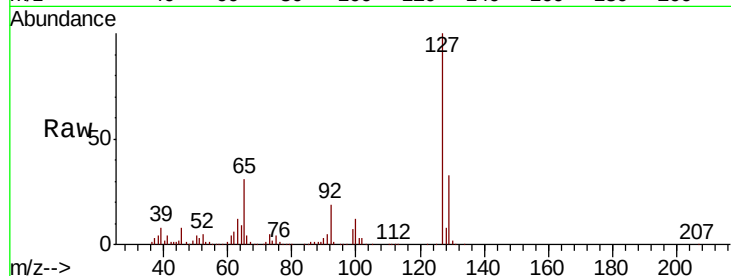




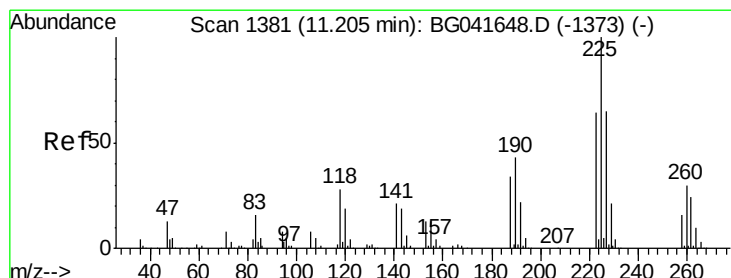
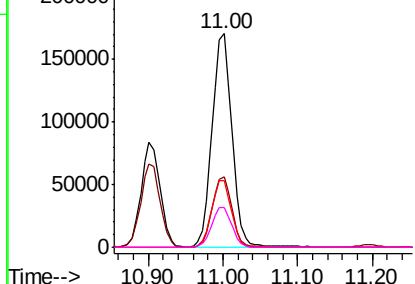
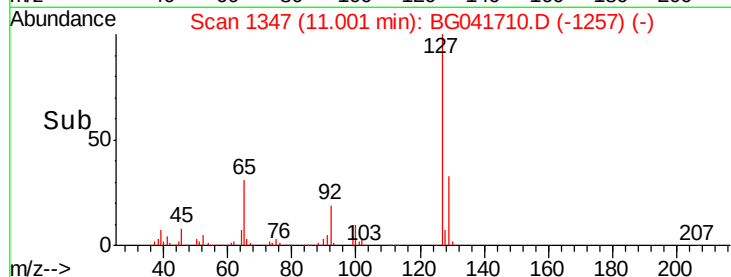
#33
4-Chloroaniline
Concen: 29.595 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	314774
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.8
65	31.3	26.7	40.1
92	18.9	15.4	23.0

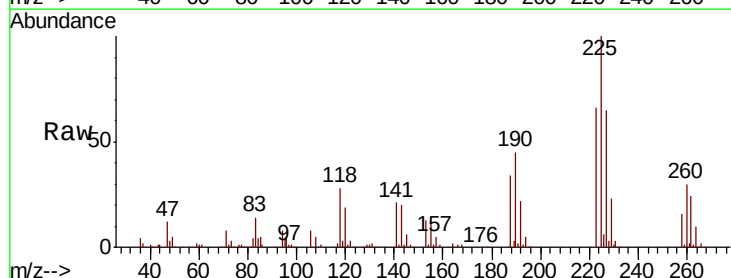


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

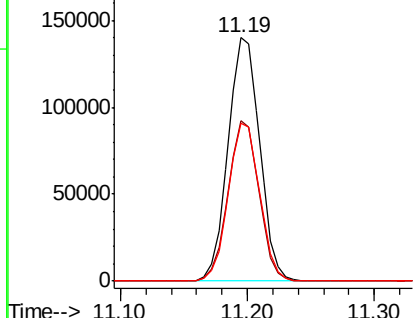
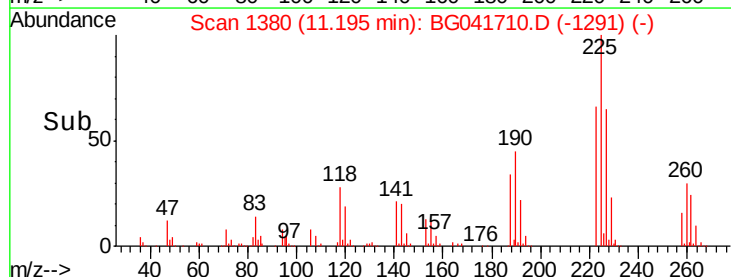


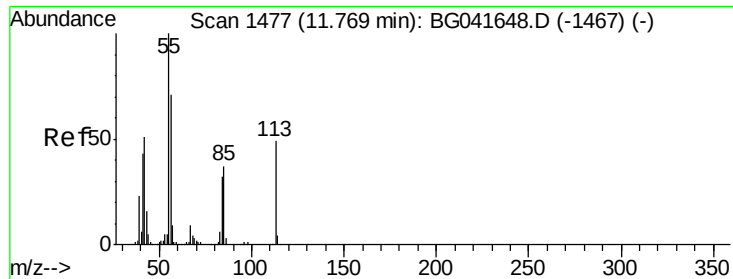
#34
Hexachlorobutadiene
Concen: 41.942 ng
RT: 11.19 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion:	225	Resp:	240795
Ion	Ratio	Lower	Upper
225	100		
223	65.9	51.1	76.7
227	64.9	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: 28.351 ng

RT: 11.76 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampleId :

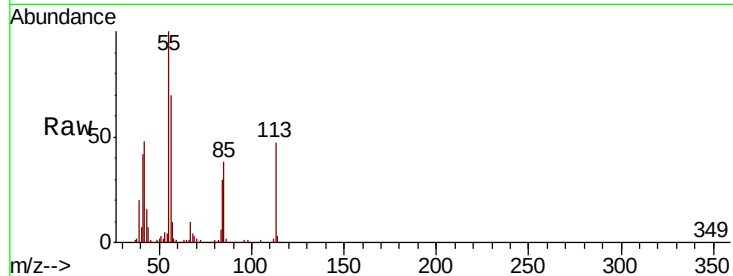
Tot Ion:113 Resp: 79275

Ion Ratio Lower Upper

113 100

55 213.2 199.4 239.4

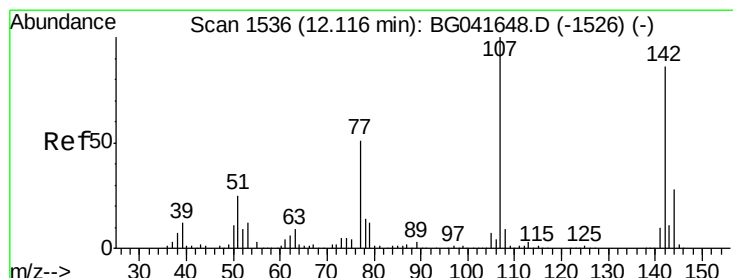
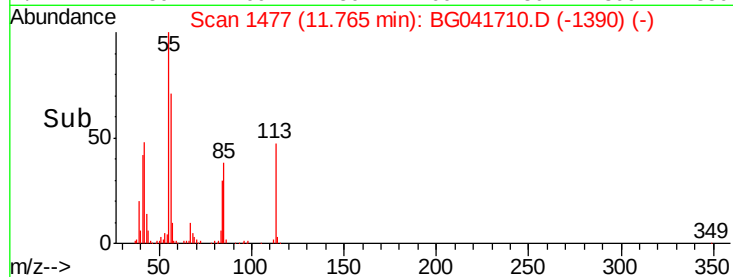
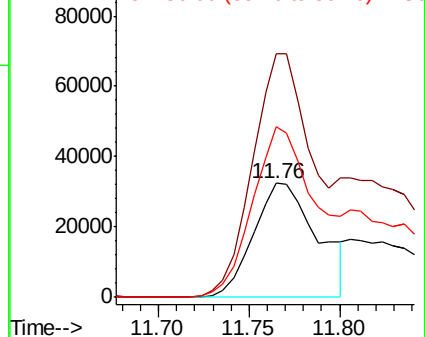
56 149.7 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.690 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

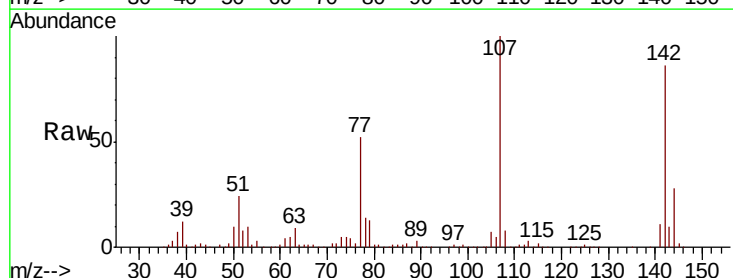
Tgt Ion:107 Resp: 380078

Ion Ratio Lower Upper

107 100

144 28.4 22.2 33.2

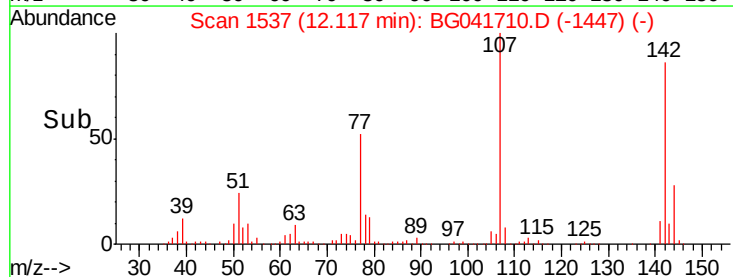
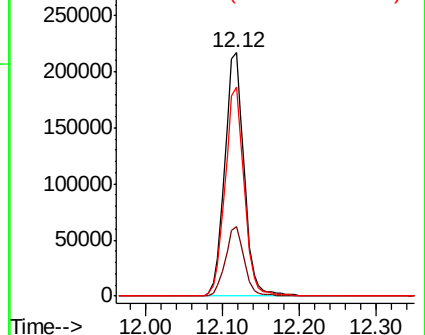
142 85.7 67.3 100.9

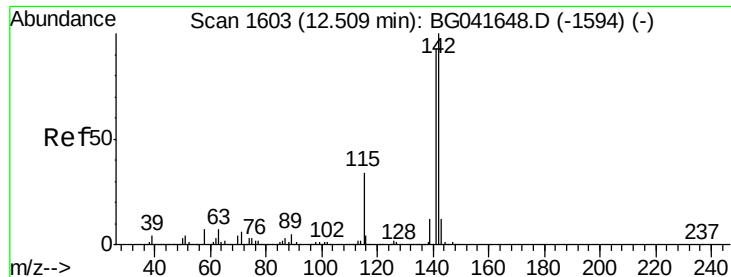


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

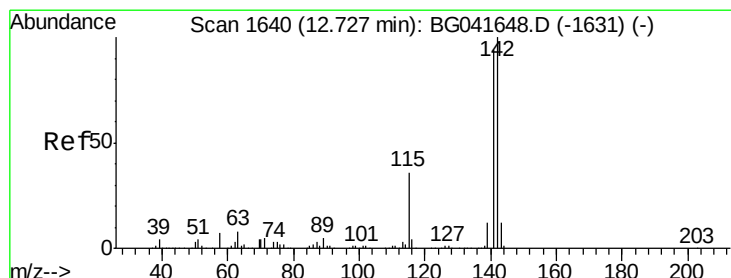
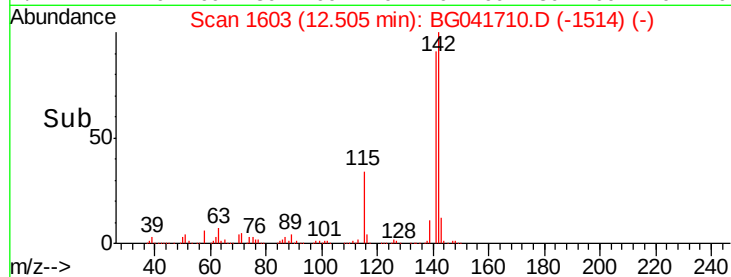
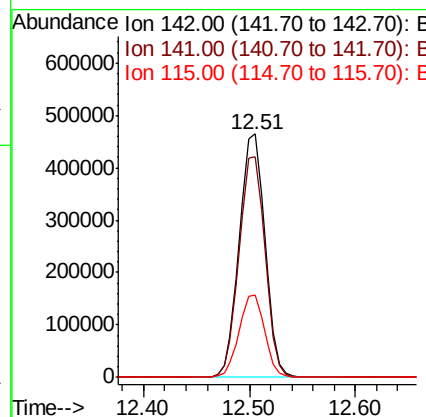
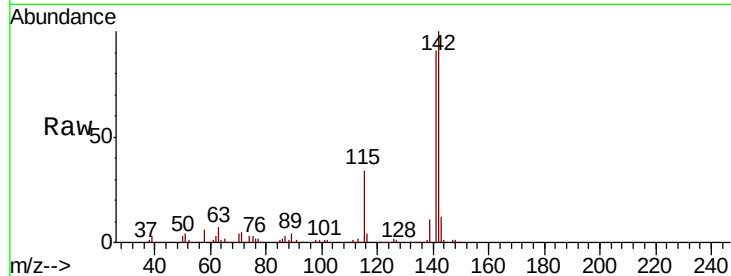




#37
 2-Methylnaphthalene
 Concen: 44.416 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

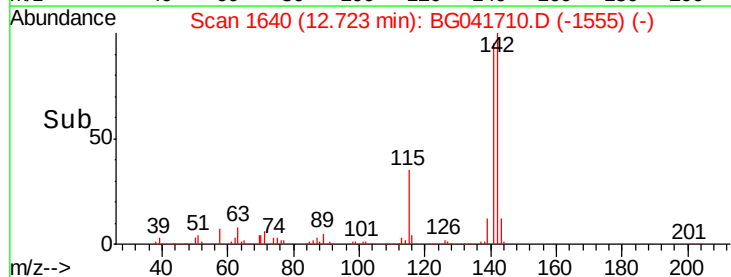
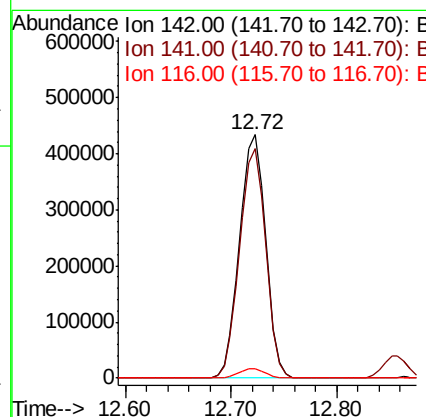
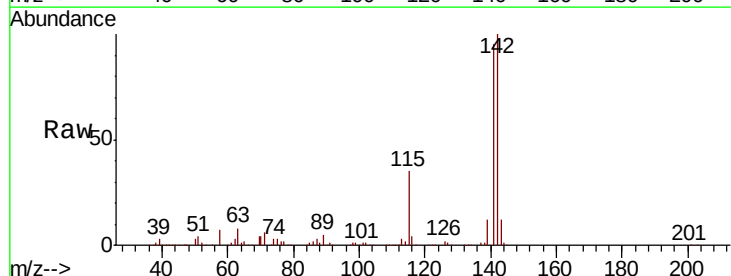
Instrument :
 BNA_G
 ClientSampleId :

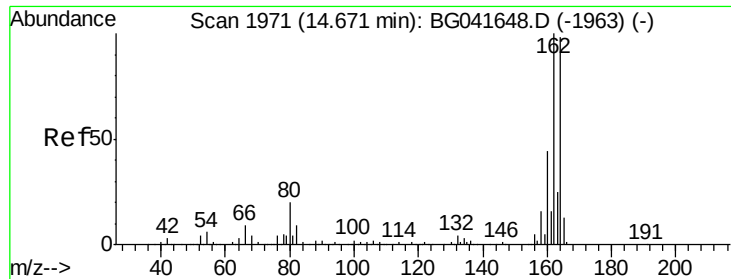
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.7	109.1
115	33.8	27.0	40.4



#38
 1-Methylnaphthalene
 Concen: 44.136 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.4	113.2
116	3.8	3.2	4.8

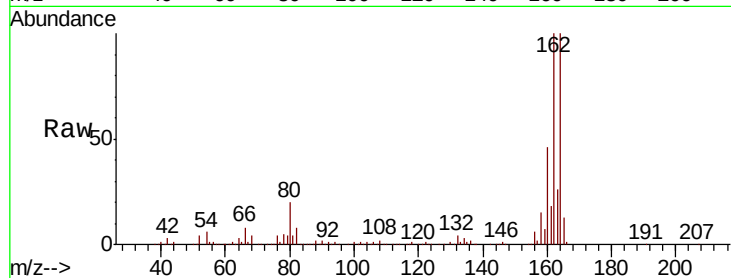




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.6	119.4
160	46.3	35.4	53.0

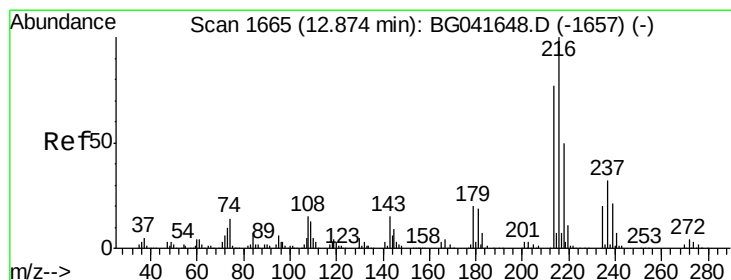
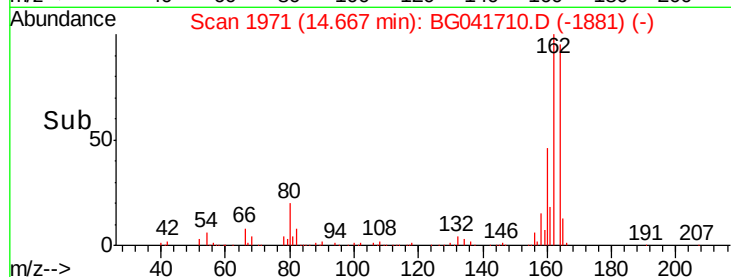
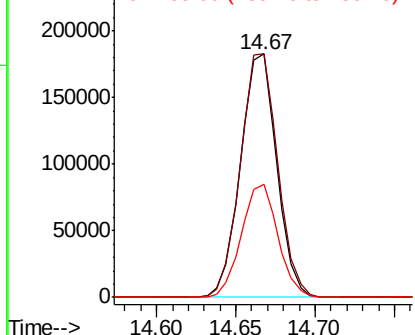


Abundance

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: 44.965 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	61.5	92.3
179	20.2	16.2	24.2
108	17.3	13.2	19.8

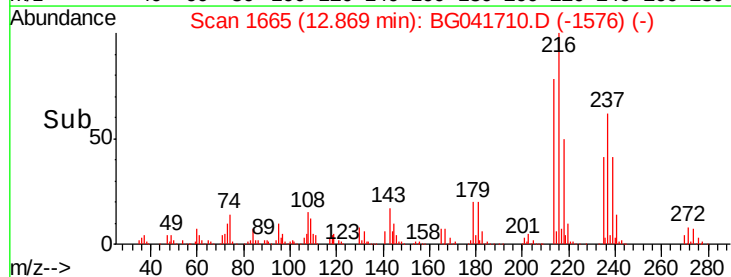
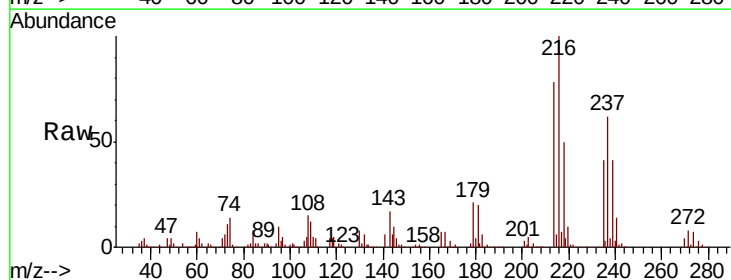
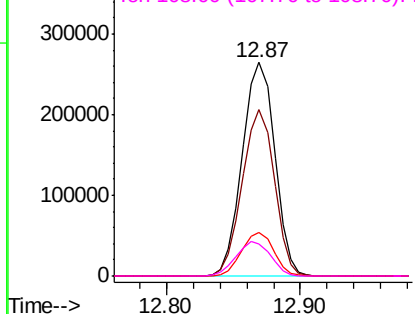
Abundance

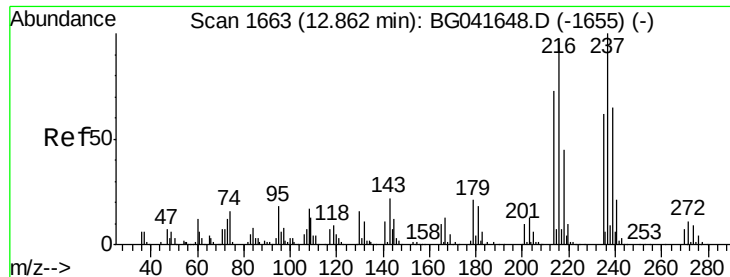
Ion 216.00 (215.70 to 216.70): E

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: 103.493 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampled :

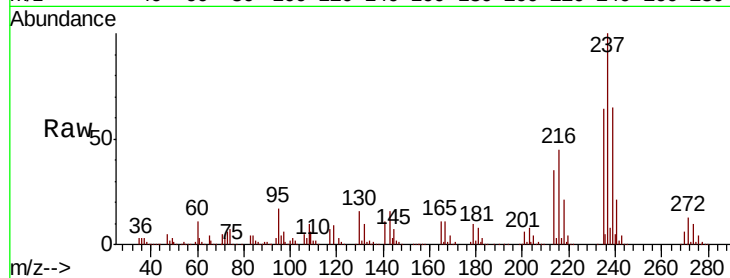
Tot Ion:237 Resp: 581018

Ion Ratio Lower Upper

237 100

235 64.2 43.5 83.5

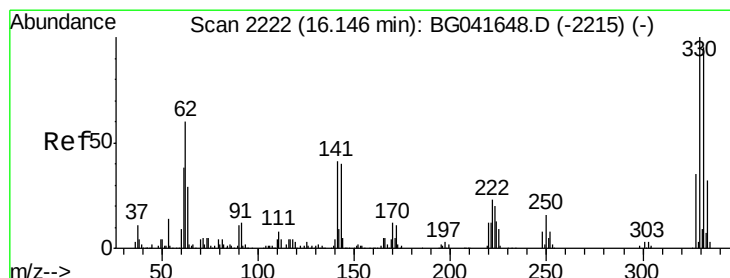
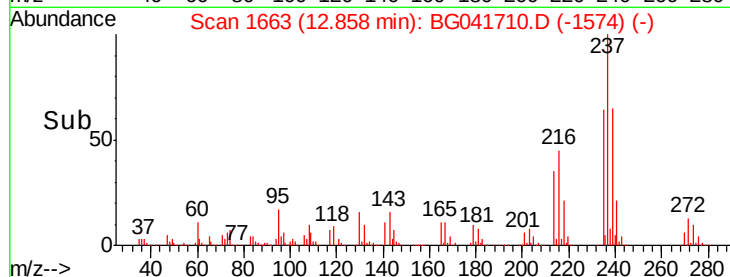
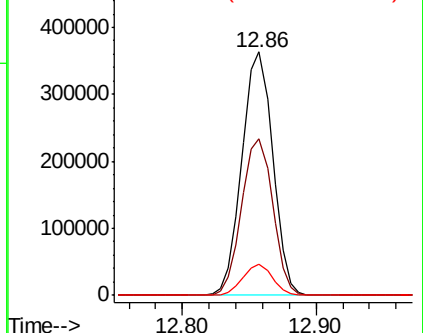
272 12.7 0.0 31.2



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: 146.514 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

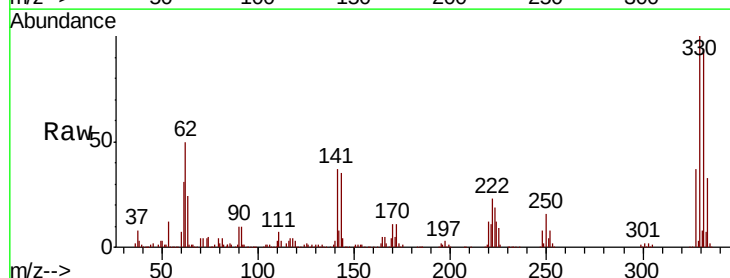
Tgt Ion:330 Resp: 478406

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

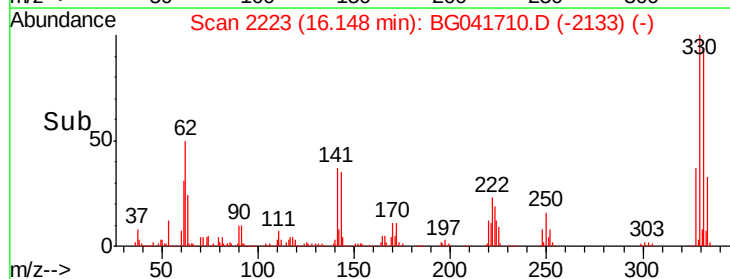
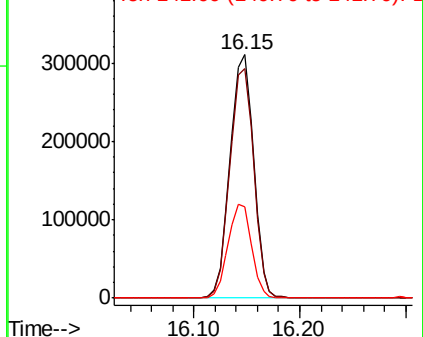
141 38.6 31.9 47.9

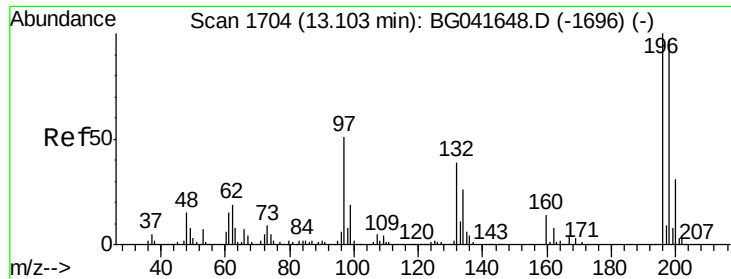


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

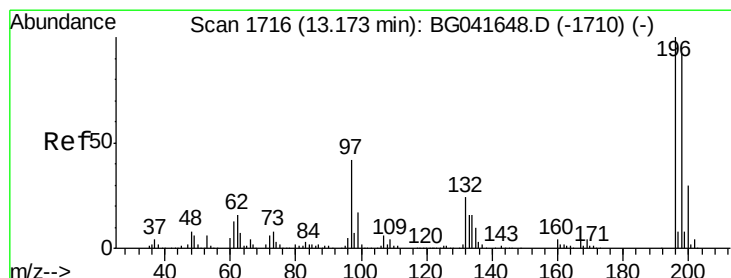
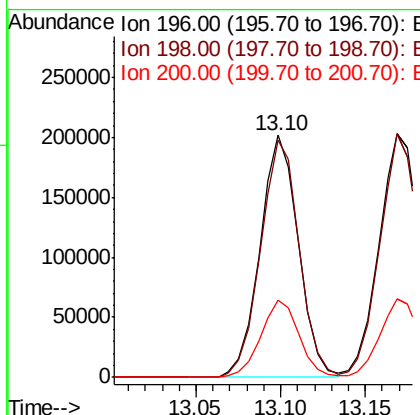
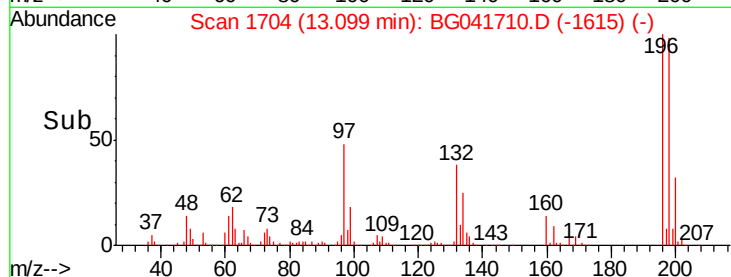
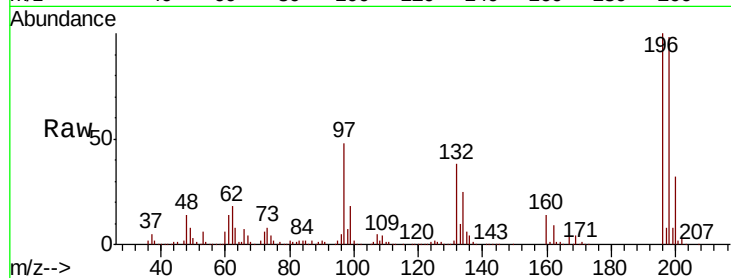




#43
 2,4,6-Trichlorophenol
 Concen: 49.273 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

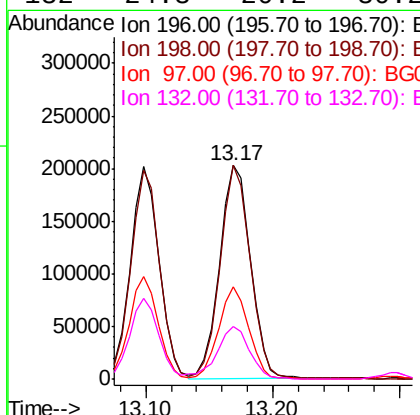
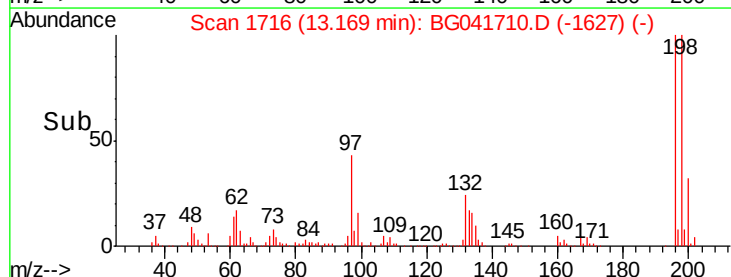
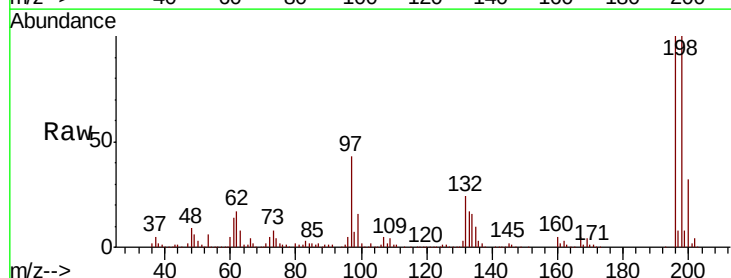
Instrument :
 BNA_G
 ClientSampleId :

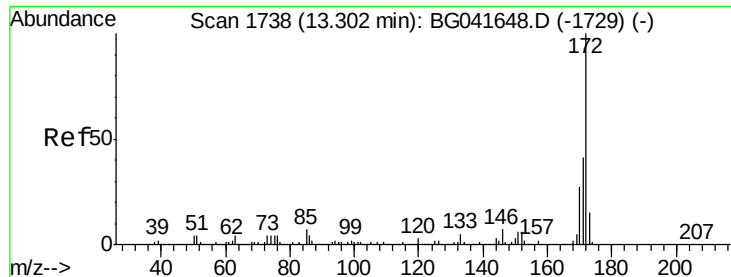
Tot Ion:196 Resp: 317735
 Ion Ratio Lower Upper
 196 100
 198 98.2 79.6 119.4
 200 31.8 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 50.425 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

Tgt Ion:196 Resp: 342596
 Ion Ratio Lower Upper
 196 100
 198 100.1 80.6 121.0
 97 43.5 33.9 50.9
 132 24.3 20.2 30.2

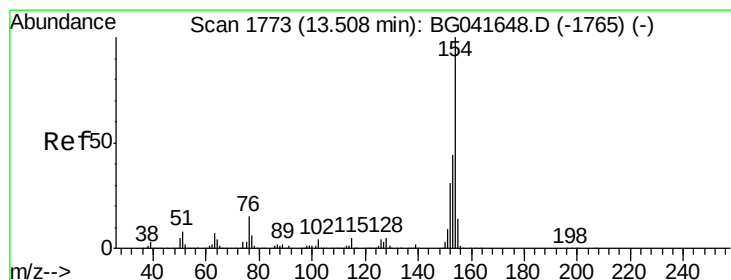
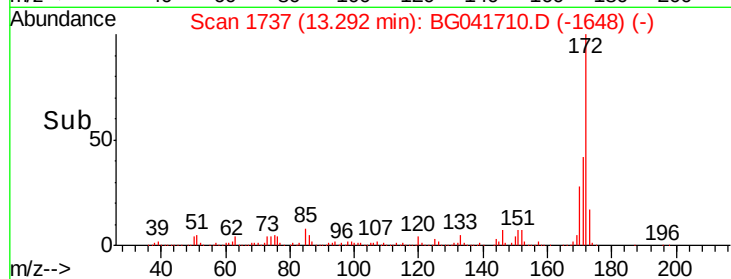
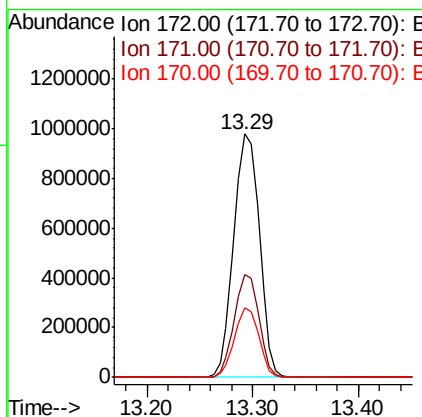
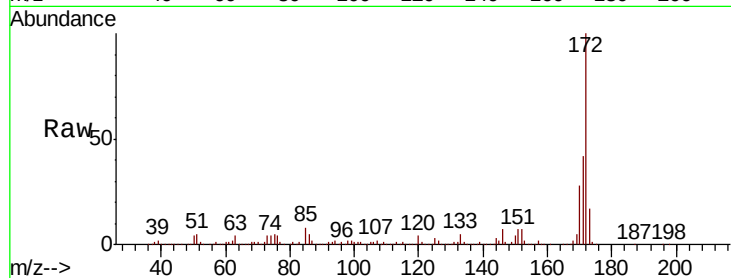




#45
2-Fluorobiphenyl
Concen: 87.946 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

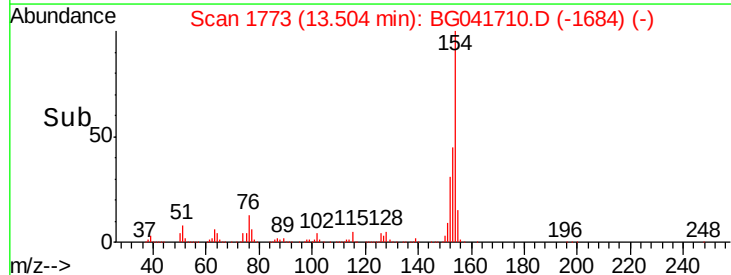
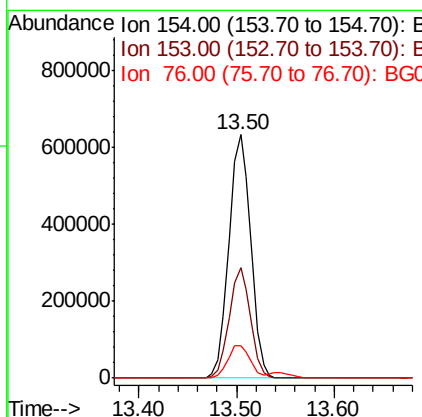
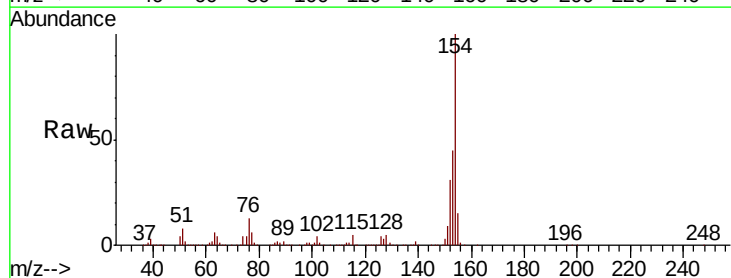
Instrument :
BNA_G
ClientSampleId :

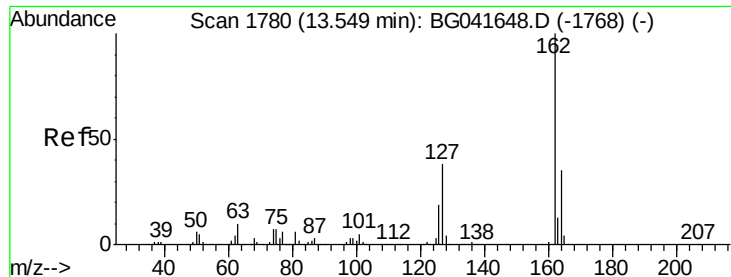
Tot Ion:172 Resp: 1645535
Ion Ratio Lower Upper
172 100
171 42.2 35.0 52.4
170 28.5 23.5 35.3



#46
1,1'-Biphenyl
Concen: 45.084 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion:154 Resp: 978617
Ion Ratio Lower Upper
154 100
153 45.2 25.0 65.0
76 13.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 44.018 ng

RT: 13.55 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampleId :

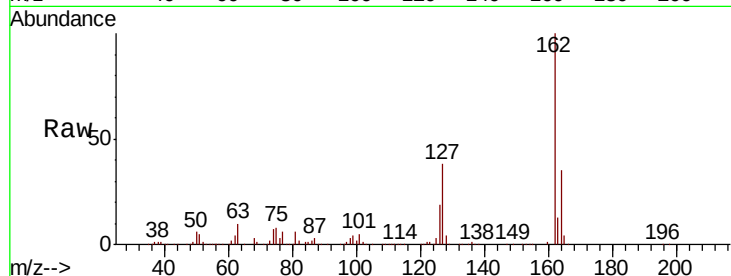
Tot Ion:162 Resp: 796319

Ion Ratio Lower Upper

162 100

127 38.2 30.4 45.6

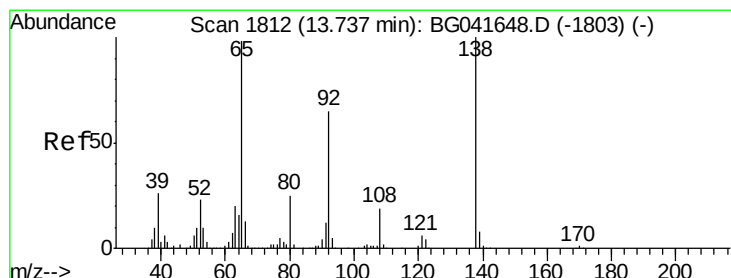
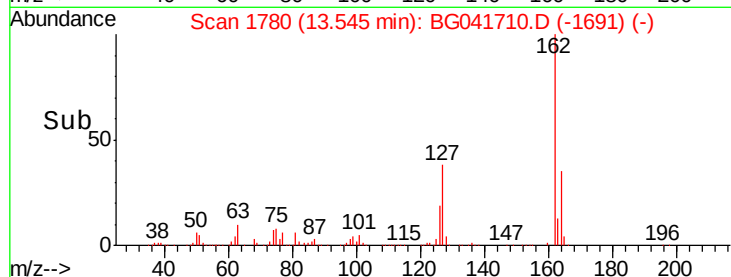
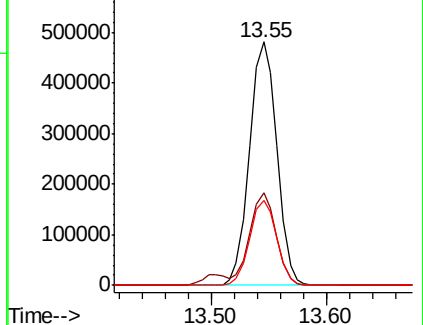
164 35.0 28.6 42.8



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: 48.765 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

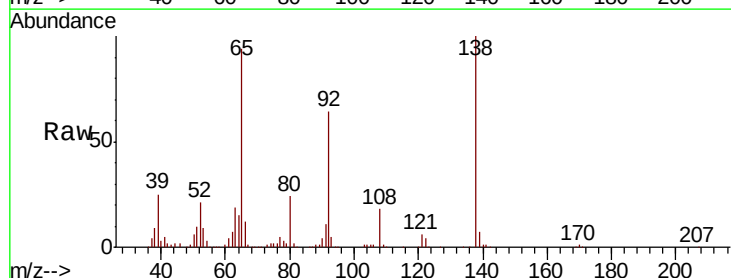
Tgt Ion: 65 Resp: 256854

Ion Ratio Lower Upper

65 100

92 67.8 53.9 80.9

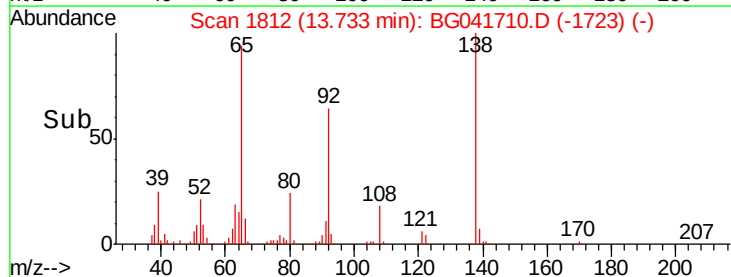
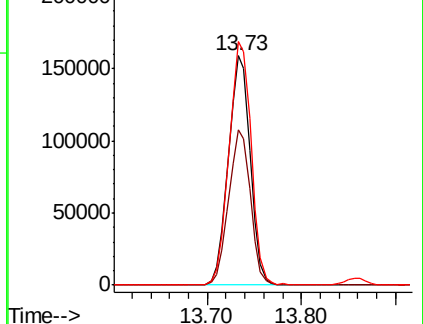
138 106.1 83.5 125.3

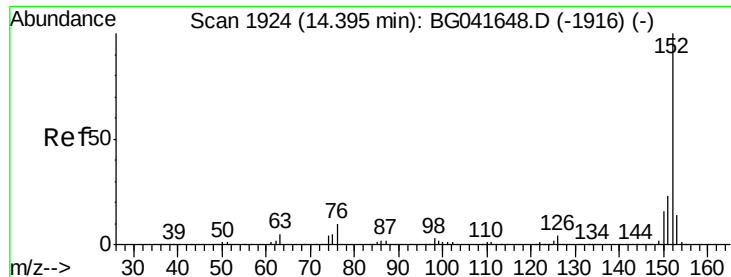


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.380 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampleId :

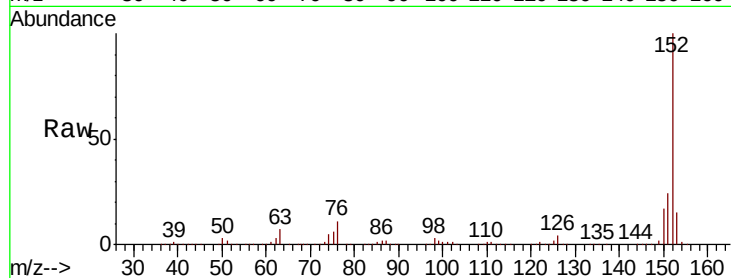
Tot Ion:152 Resp: 1253331

Ion Ratio Lower Upper

152 100

151 23.8 18.7 28.1

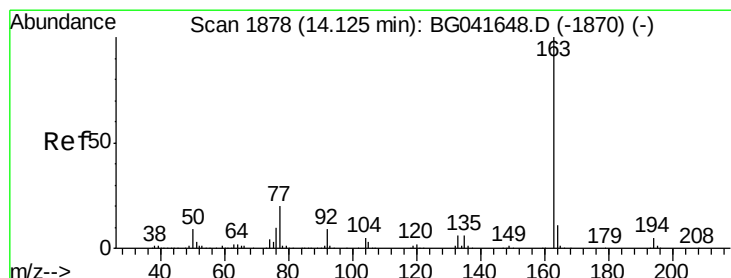
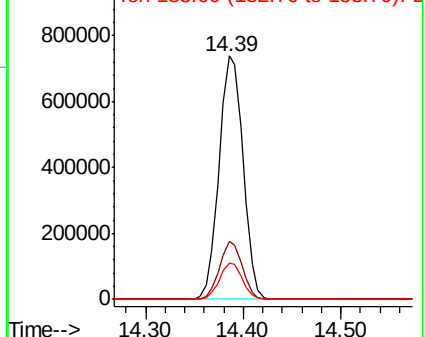
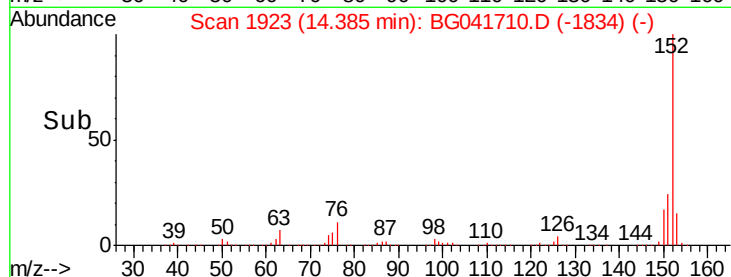
153 15.1 12.4 18.6



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: 56.149 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

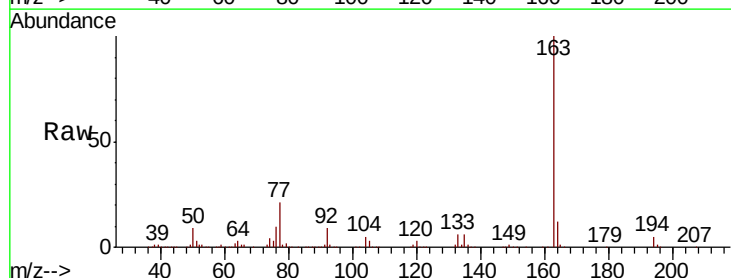
Tgt Ion:163 Resp: 1277693

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

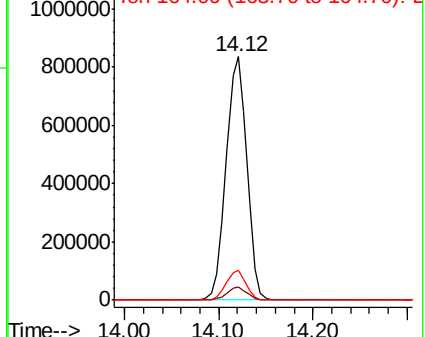
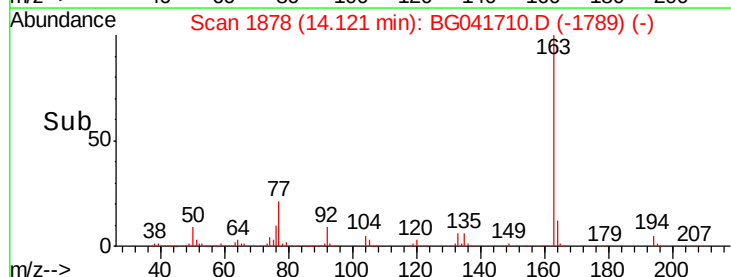
164 12.1 9.4 14.2

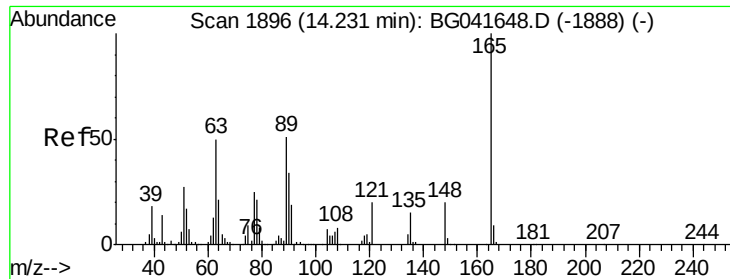


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

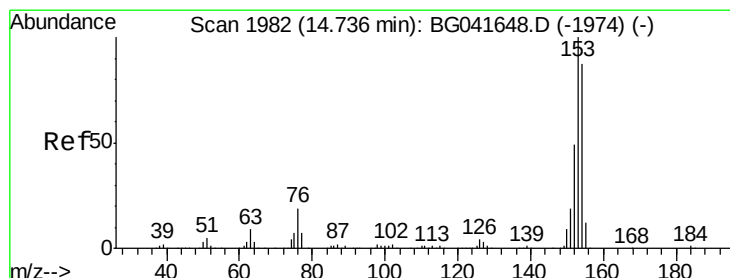
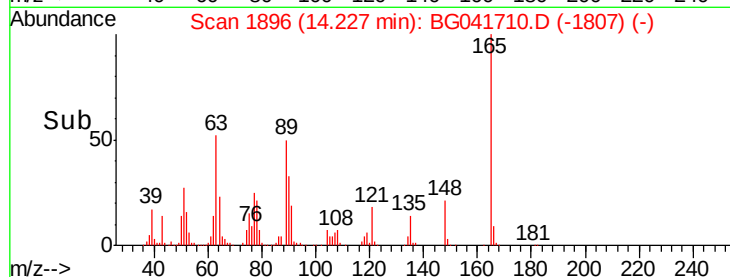
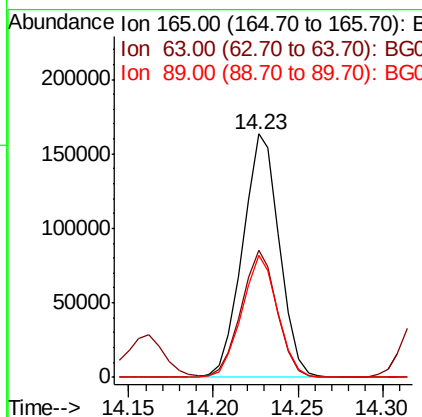
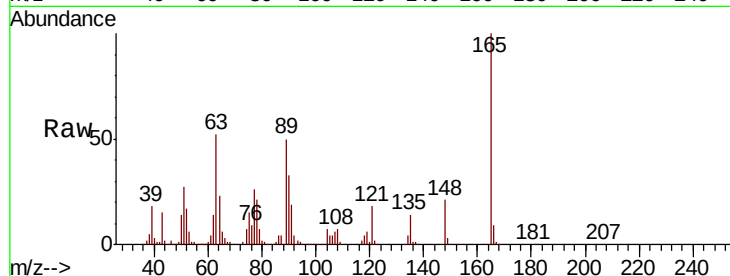




#51
 2,6-Dinitrotoluene
 Concen: 50.992 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

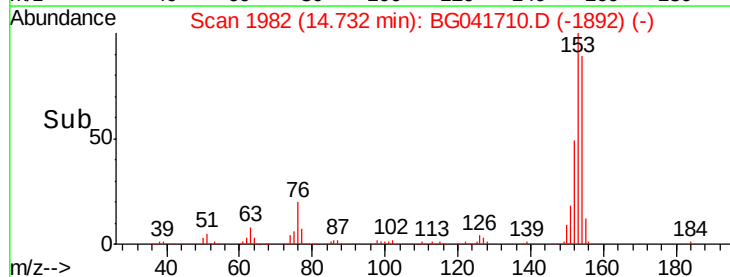
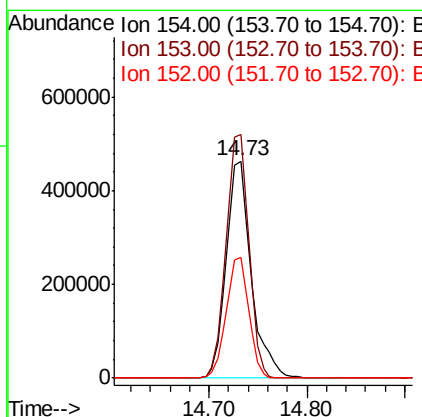
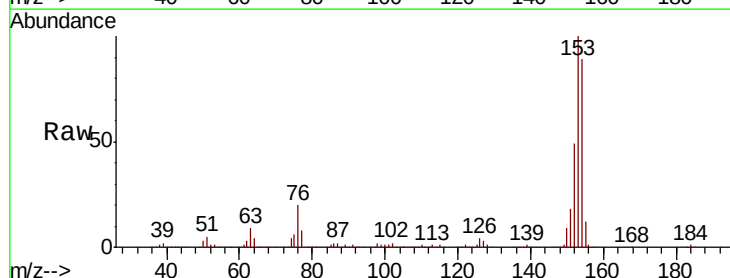
Instrument :
 BNA_G
 ClientSampled :

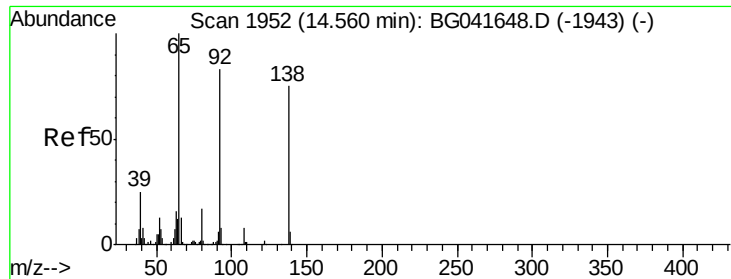
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	42.4	63.6
89	50.2	42.1	63.1



#52
 Acenaphthene
 Concen: 46.470 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.8	134.6
152	55.5	44.9	67.3

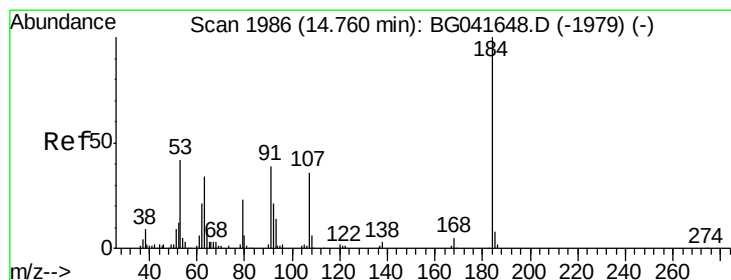
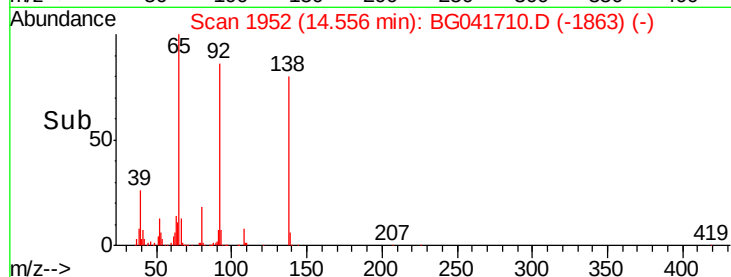
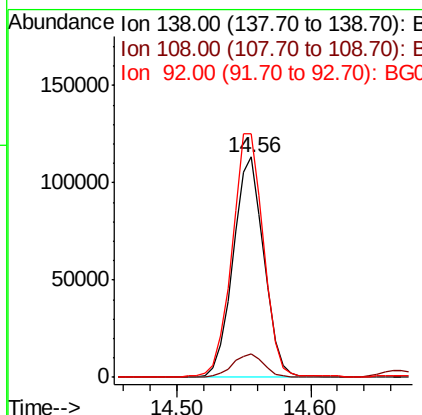
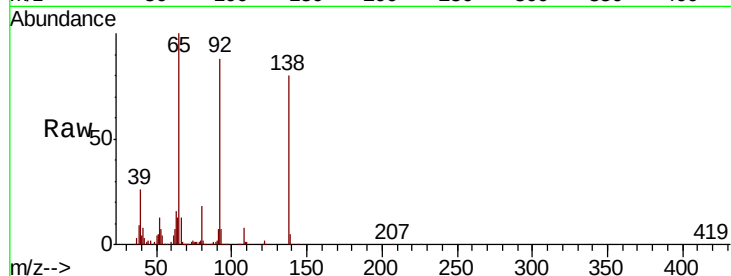




#53
3-Nitroaniline
Concen: 34.574 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

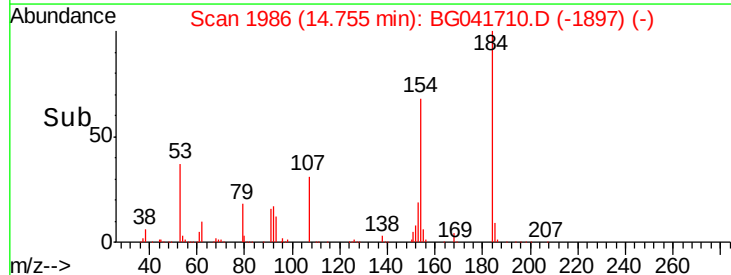
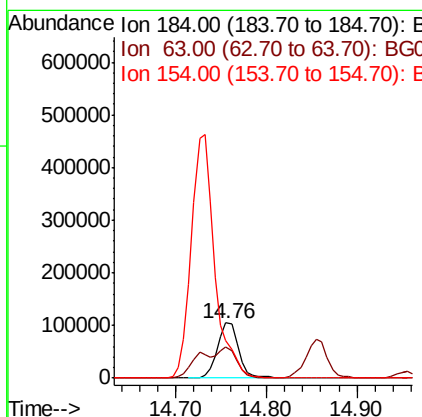
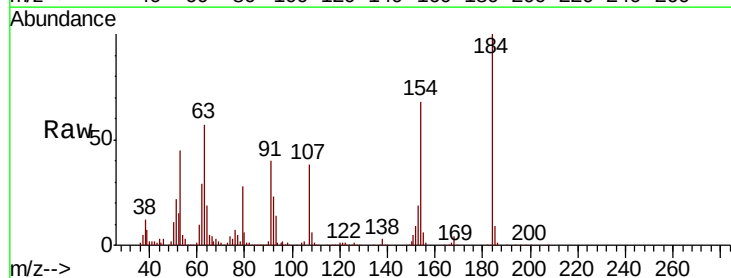
Instrument :
BNA_G
ClientSampleId :

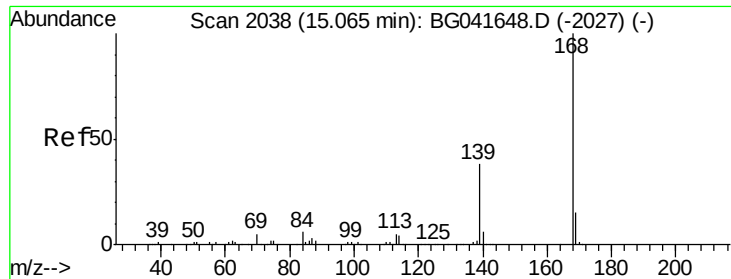
Tot Ion:138 Resp: 182166
Ion Ratio Lower Upper
138 100
108 10.5 10.3 15.5
92 110.4 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 71.785 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion:184 Resp: 172966
Ion Ratio Lower Upper
184 100
63 56.9 43.2 64.8
154 68.0 51.4 77.2

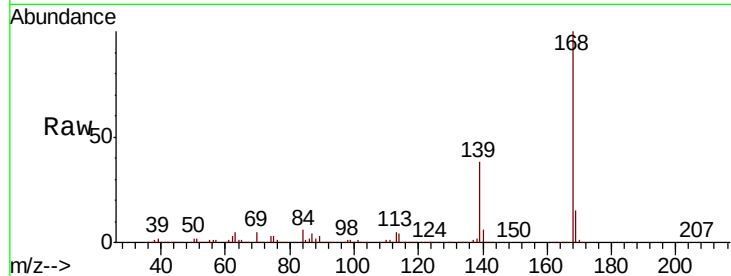




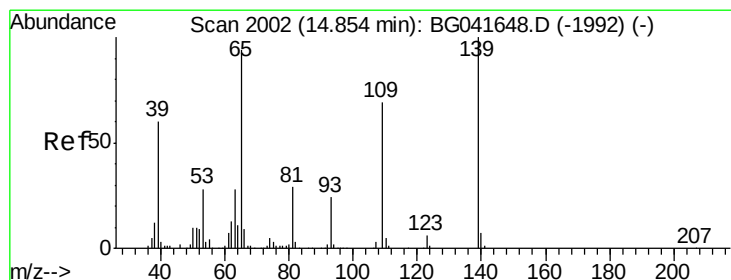
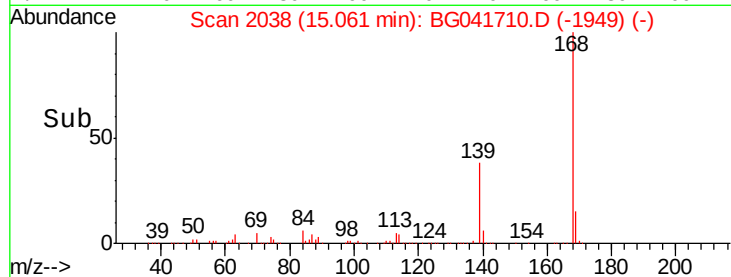
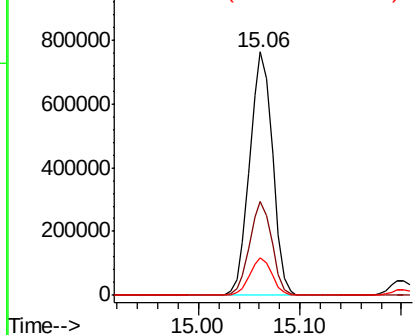
#55
Dibenzenofuran
Concen: 44.755 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1195242
Ion Ratio Lower Upper
168 100
139 38.3 31.9 47.9
169 15.3 12.5 18.7

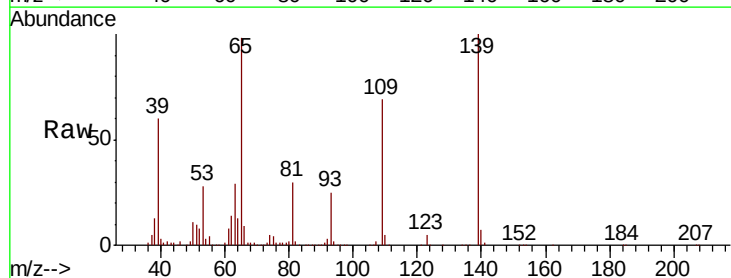


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

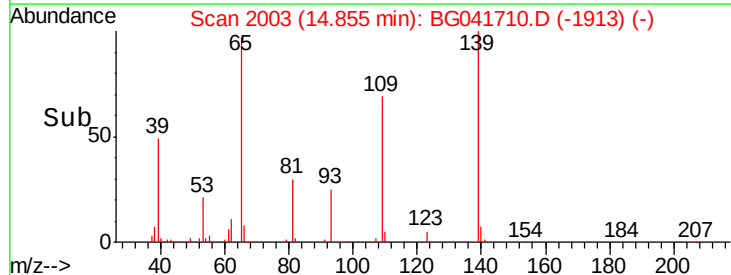
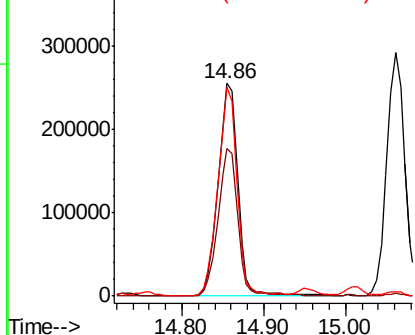


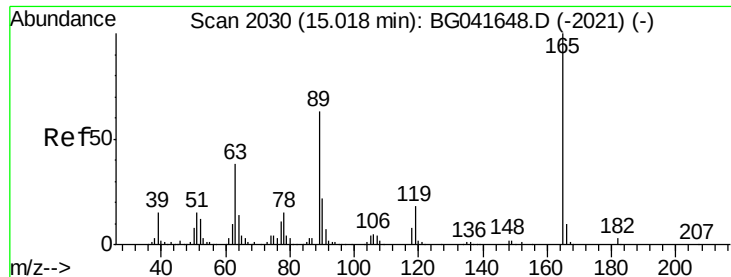
#56
4-Nitrophenol
Concen: 101.757 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion:139 Resp: 434076
Ion Ratio Lower Upper
139 100
109 69.1 51.3 91.3
65 98.3 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): BGC

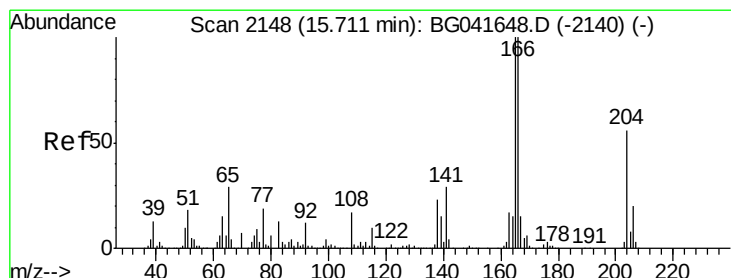
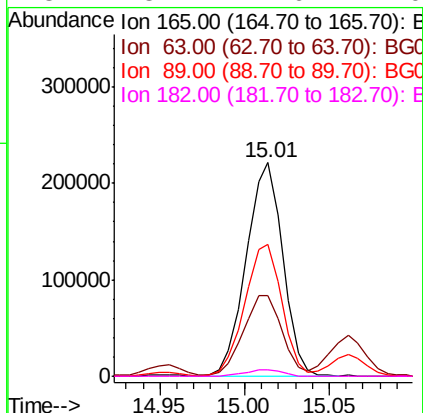
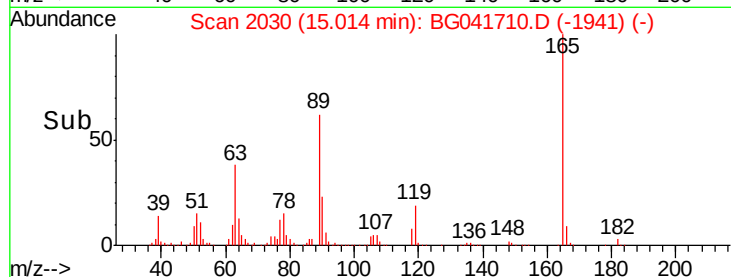
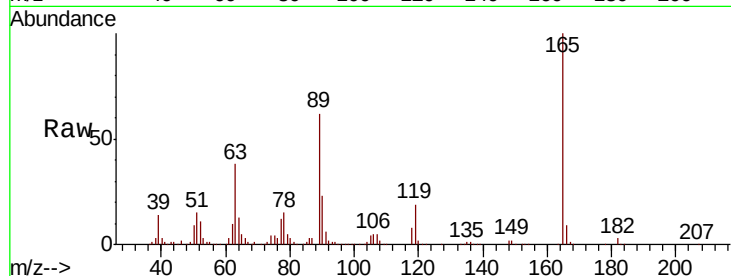




#57
2,4-Dinitrotoluene
Concen: 52.083 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

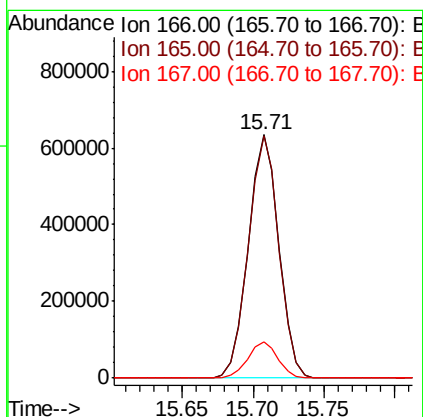
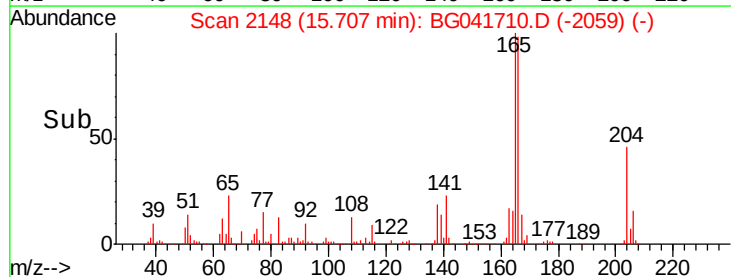
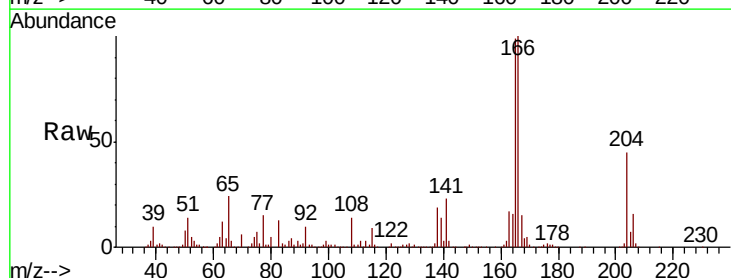
Instrument :
BNA_G
ClientSampleId :

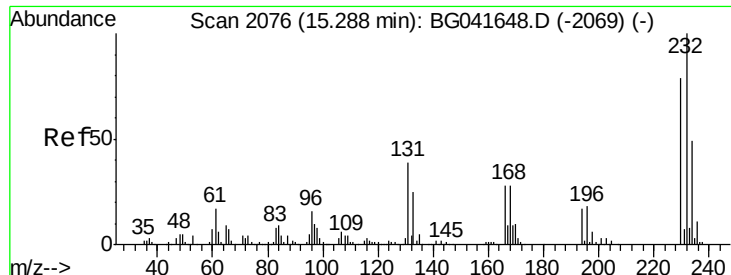
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.7	31.7	47.5
89	61.7	50.2	75.4
182	3.1	2.6	4.0



#58
Fluorene
Concen: 44.255 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.5	120.7
167	15.0	12.4	18.6

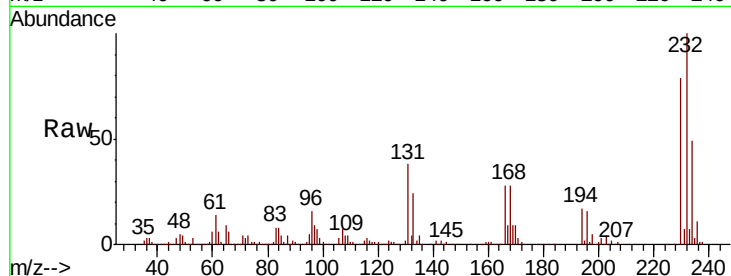




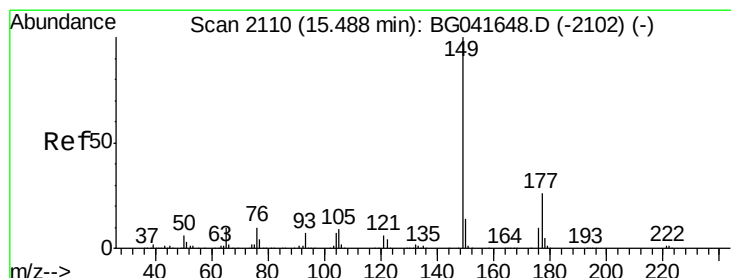
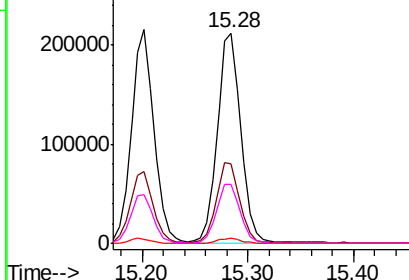
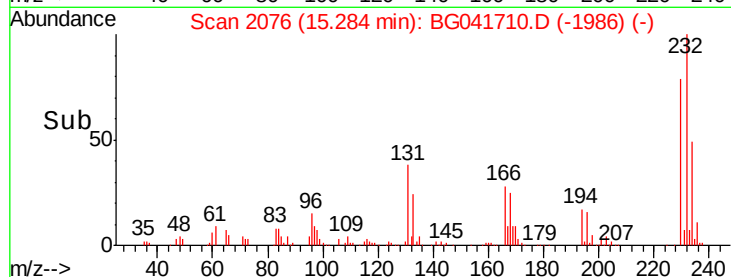
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.190 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	327358
Ion Ratio	Lower	Upper
232	100	
131	38.8	31.8 47.6
130	2.3	1.8 2.8
166	28.9	23.5 35.3

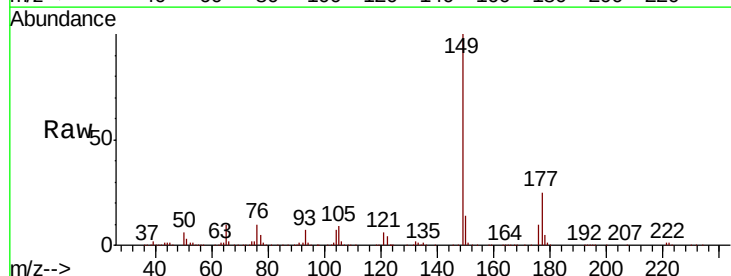


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

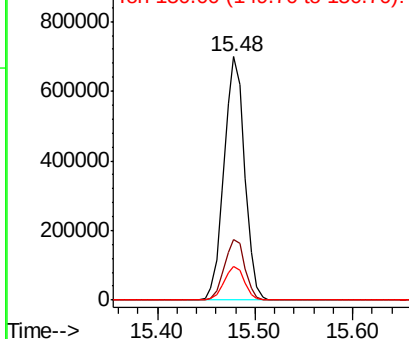
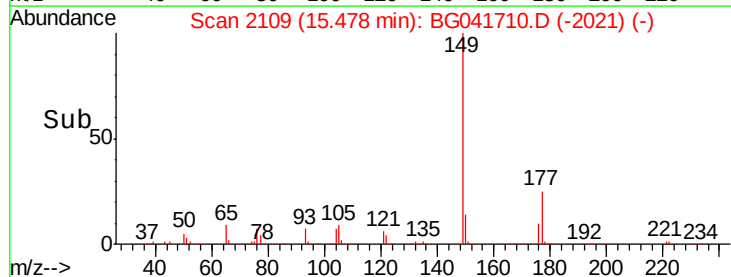


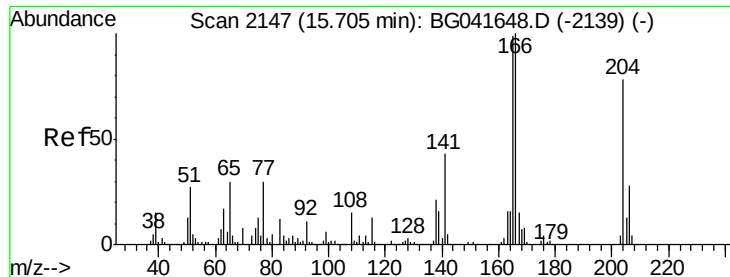
#60
 Diethylphthalate
 Concen: 44.480 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

Tgt Ion:149	Resp:	1019673
Ion Ratio	Lower	Upper
149	100	
177	25.1	20.7 31.1
150	13.7	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

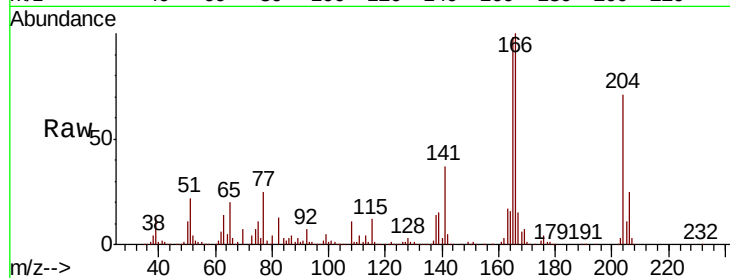




#61
4-Chlorophenyl-phenylether
Concen: 44.552 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.6	42.8
141	52.2	42.9	64.3

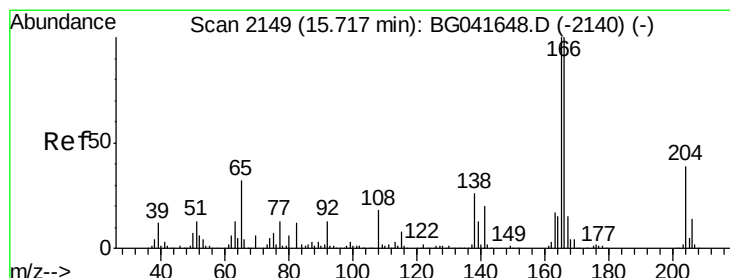
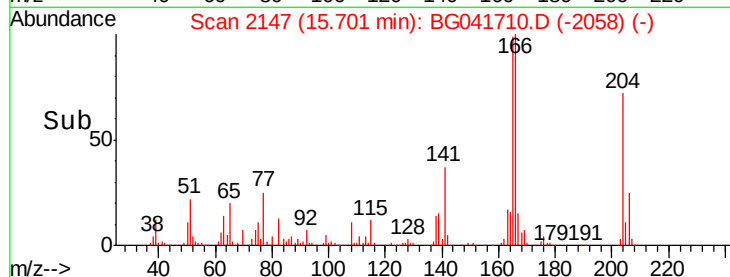
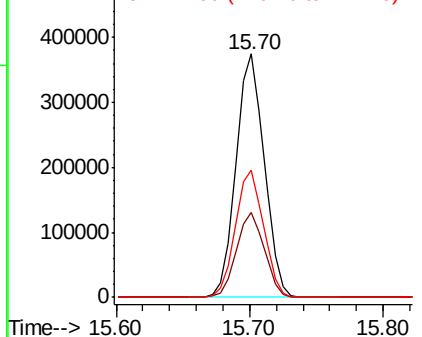


Abundance

Ion 204.00 (203.70 to 204.70): E

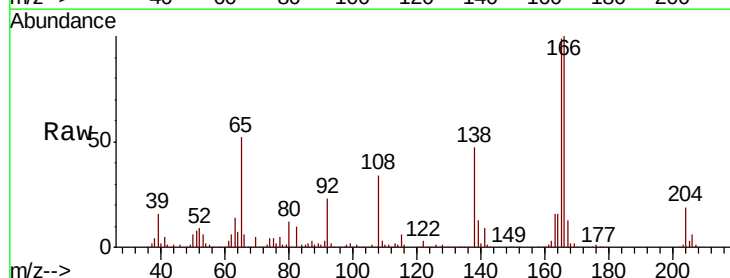
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 47.253 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	29.8	69.8
108	71.2	52.2	92.2

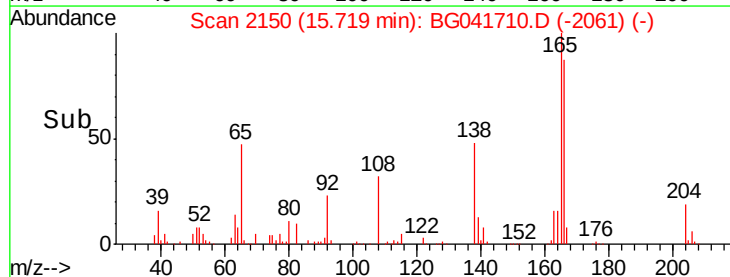
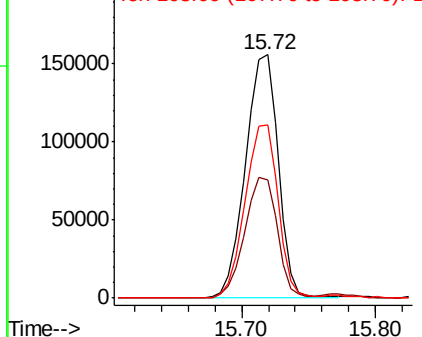


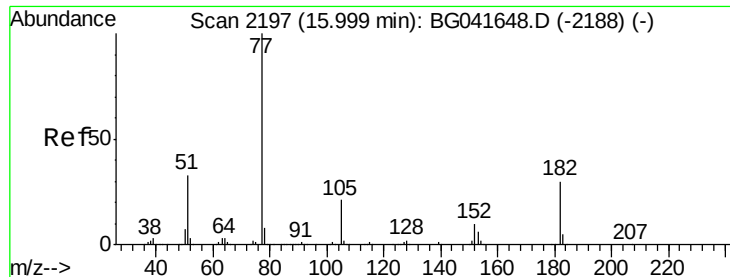
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.137 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 914764

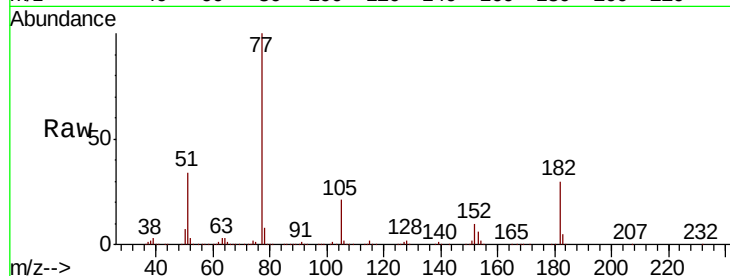
Ion Ratio Lower Upper

77 100

182 30.3 13.2 53.2

105 21.4 2.2 42.2

51 34.0 14.6 54.6

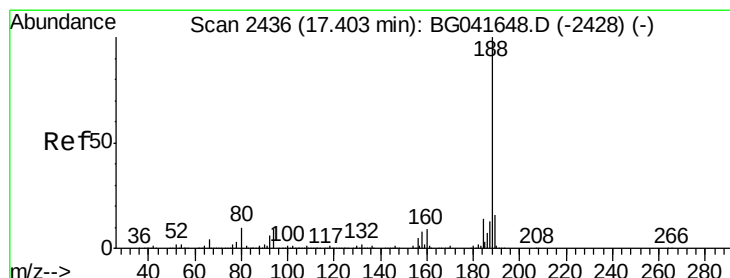
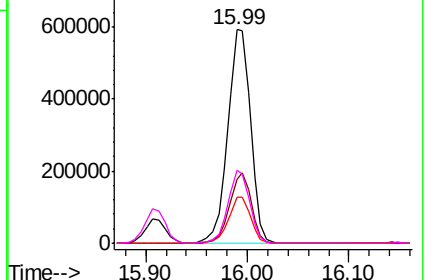
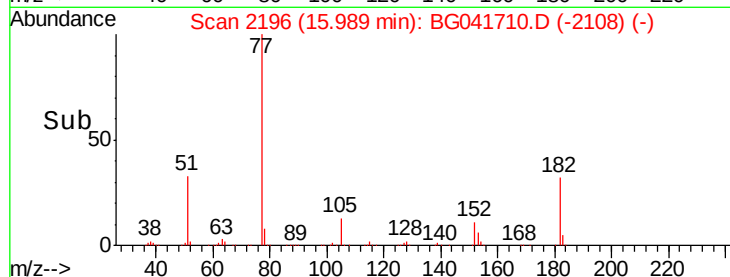


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

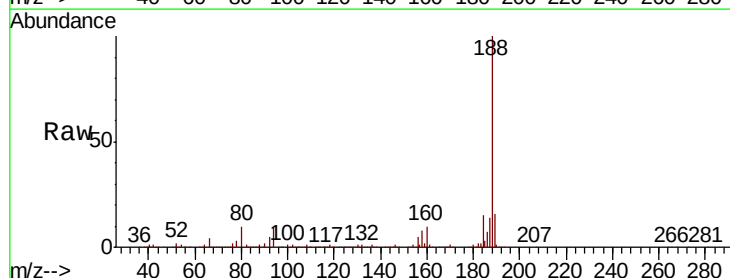
Tgt Ion: 188 Resp: 686458

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

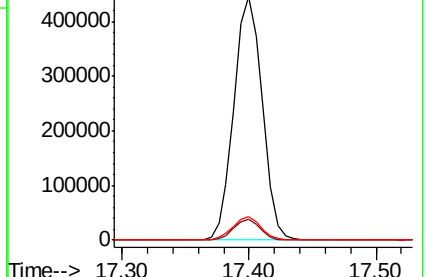
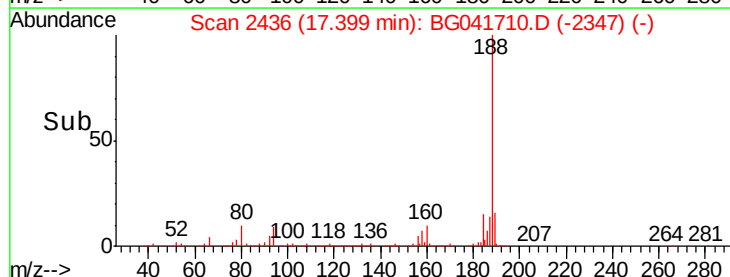
80 9.7 8.0 12.0

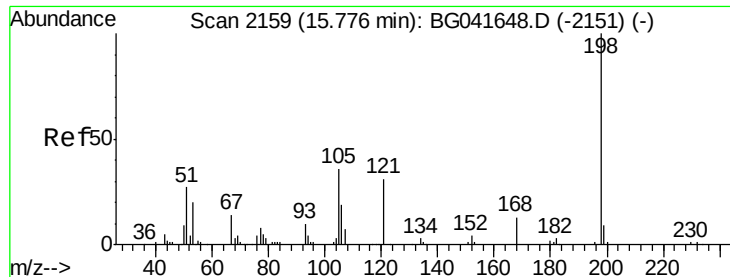


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 52.245 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

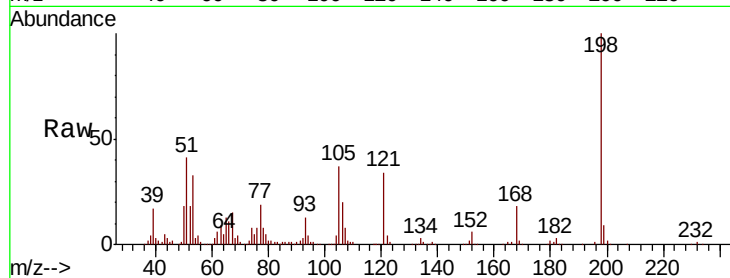
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 172487

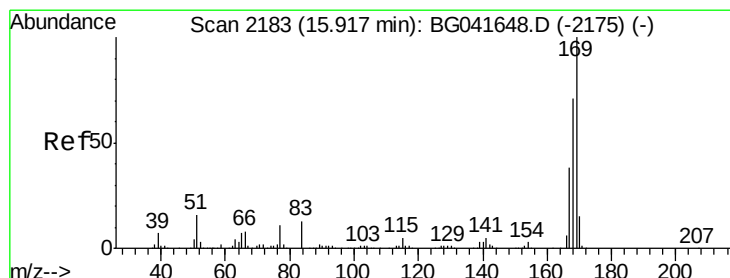
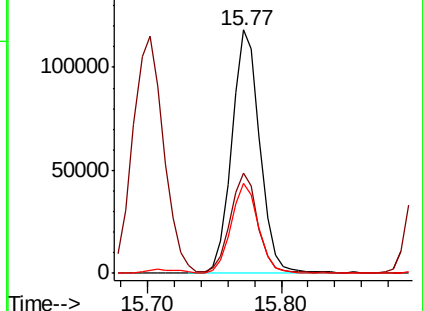
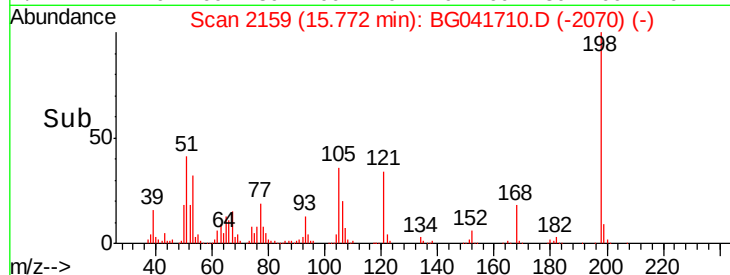
Ion	Ratio	Lower	Upper
198	100		
51	41.3	22.3	62.3
105	36.8	18.0	58.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041710.D (-2094) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.827 ng

RT: 15.91 min Scan# 2183

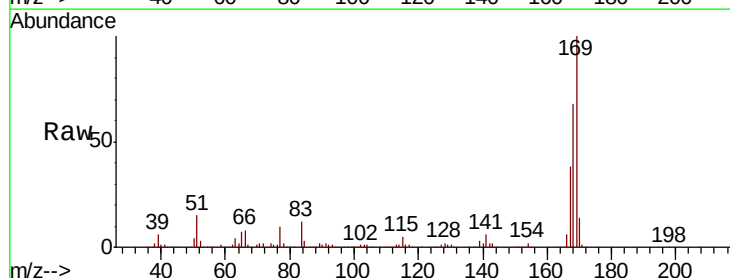
Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Tgt Ion:169 Resp: 903657

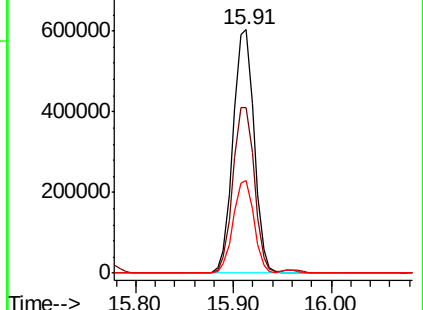
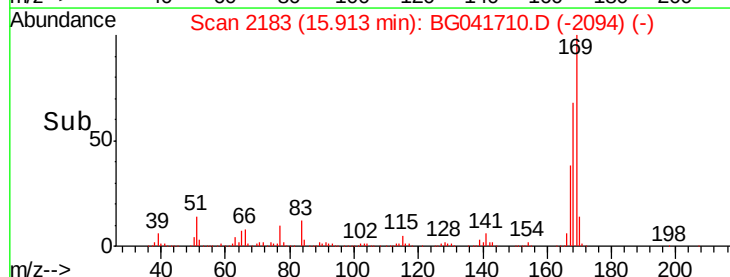
Ion	Ratio	Lower	Upper
169	100		
168	67.9	56.9	85.3
167	37.9	31.5	47.3

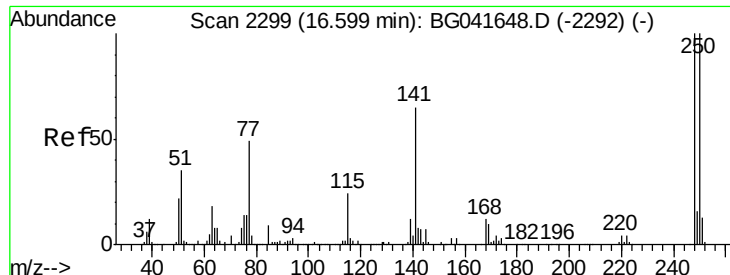


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 44.876 ng

RT: 16.59 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampleId :

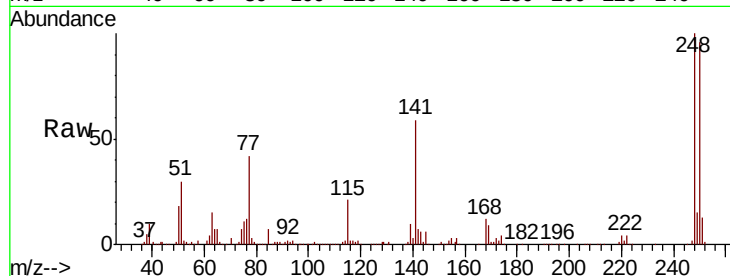
Tot Ion:248 Resp: 366544

Ion Ratio Lower Upper

248 100

250 96.1 78.1 117.1

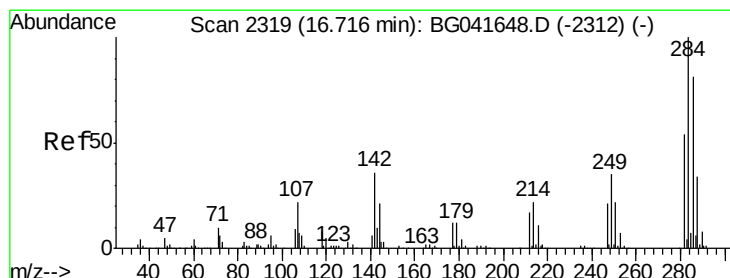
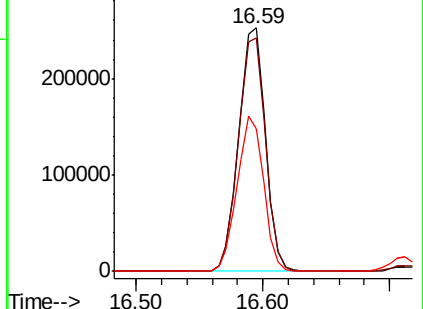
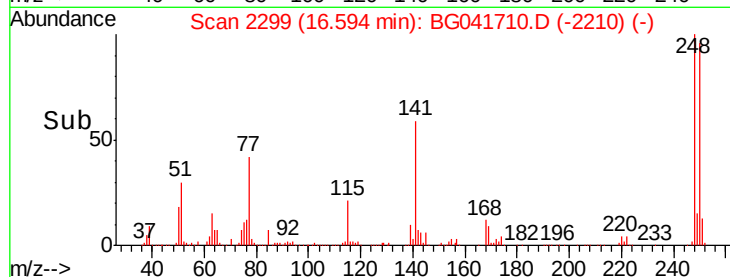
141 58.7 49.6 74.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.270 ng

RT: 16.71 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

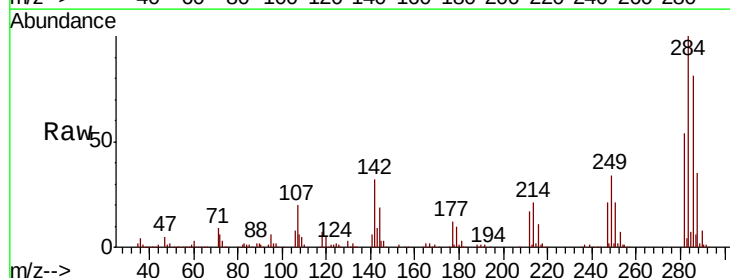
Tgt Ion:284 Resp: 355899

Ion Ratio Lower Upper

284 100

142 32.4 27.0 40.6

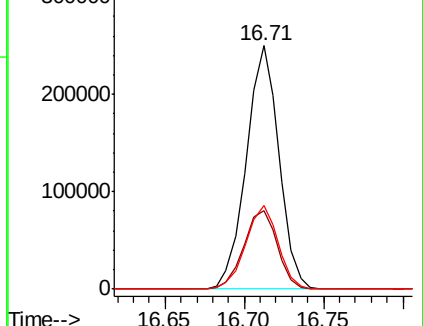
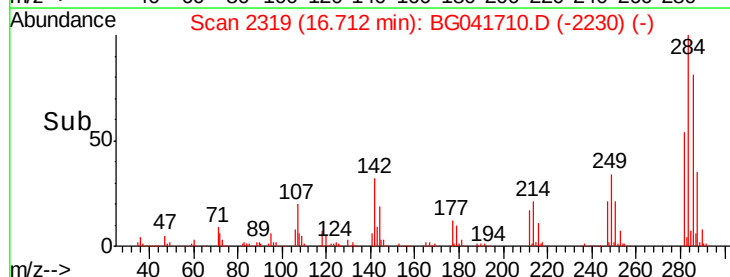
249 34.3 28.4 42.6

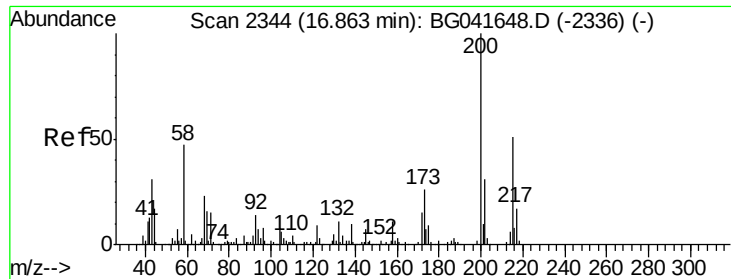


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

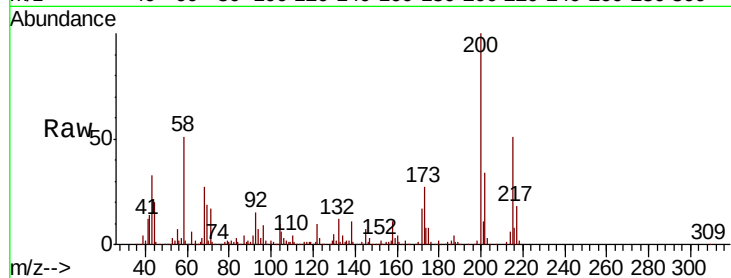




#69
 Atrazine
 Concen: 48.477 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	5.3	45.3
215	51.3	31.8	71.8

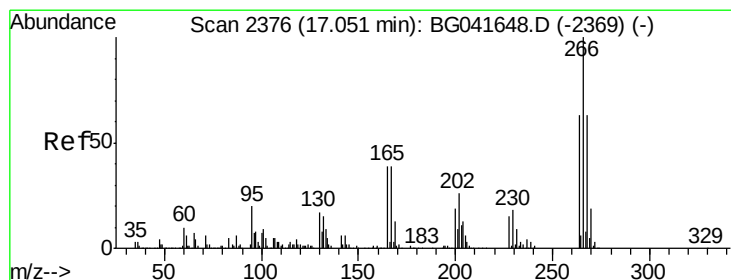
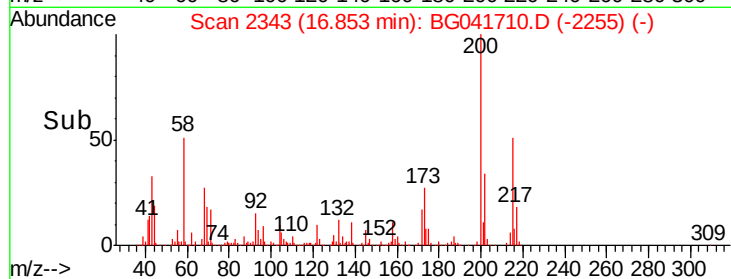
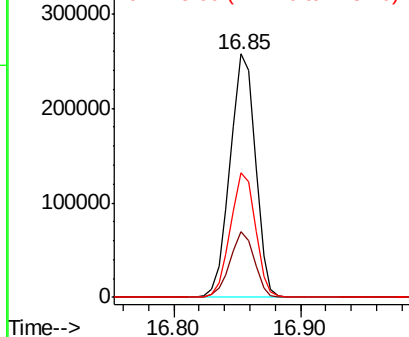


Abundance

Ion 200.00 (199.70 to 200.70): E

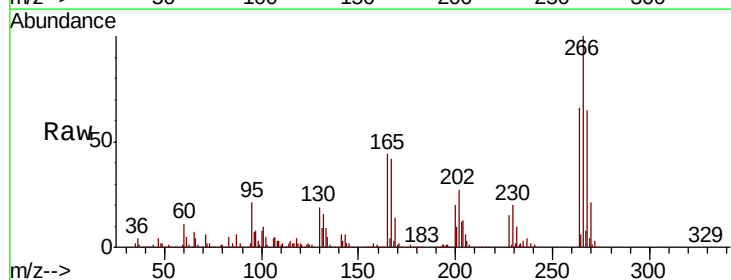
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 94.590 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	52.9	79.3
264	66.5	51.4	77.2

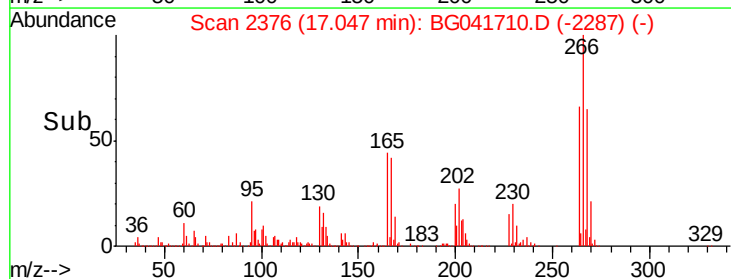
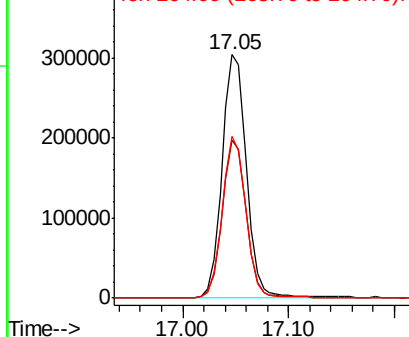


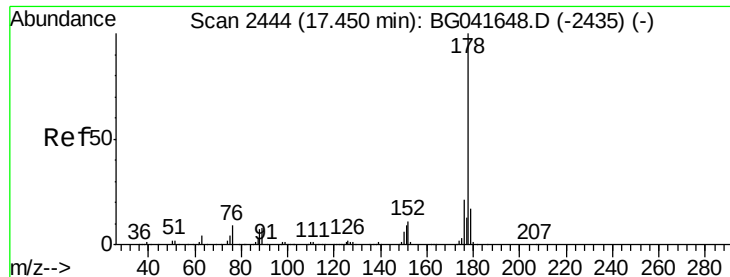
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

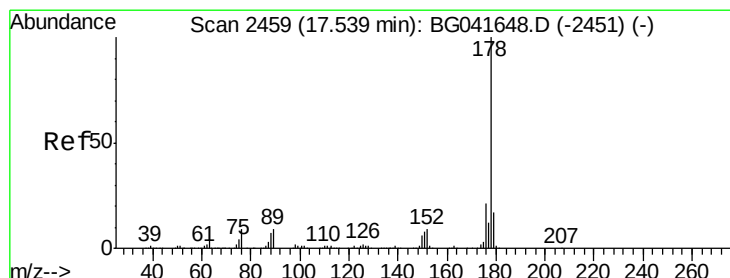
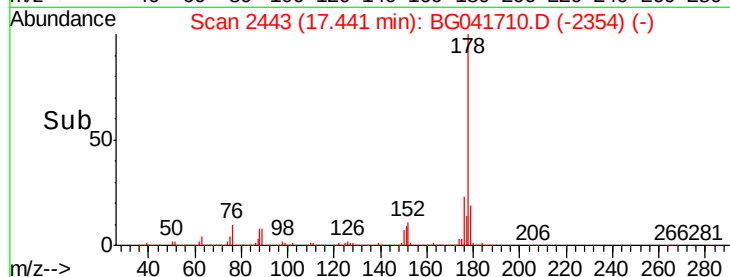
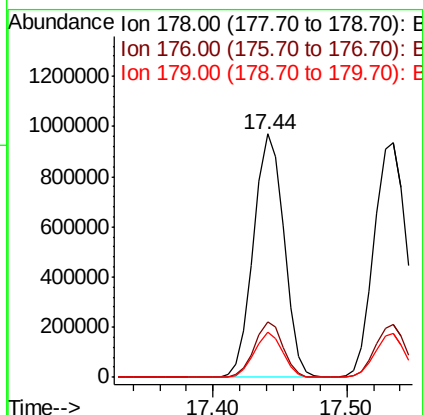
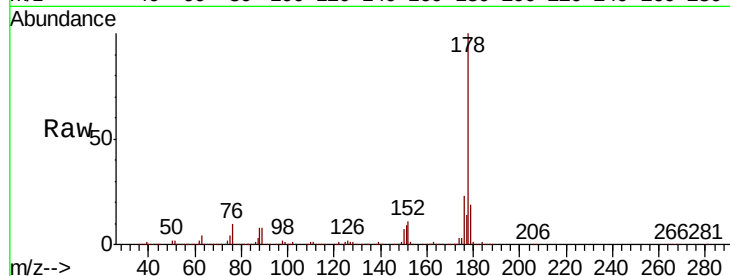




#71
Phenanthrene
Concen: 44.083 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

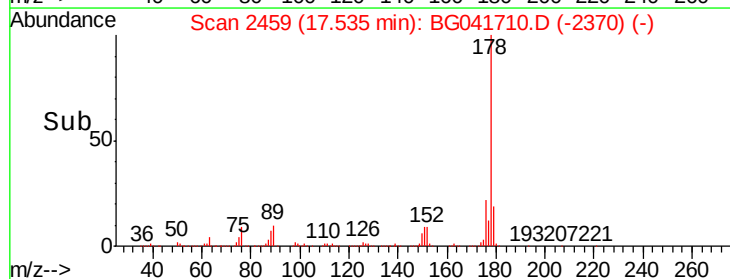
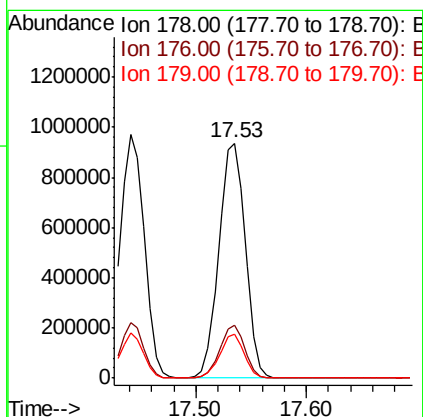
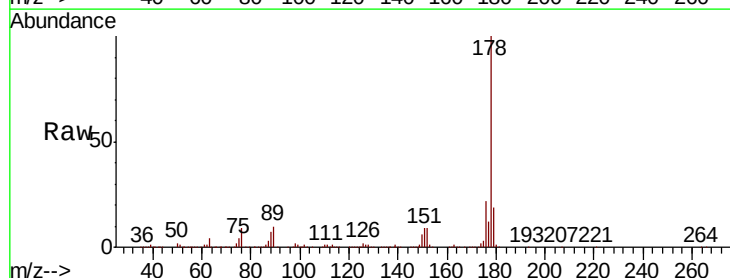
Instrument :
BNA_G
ClientSampleId :

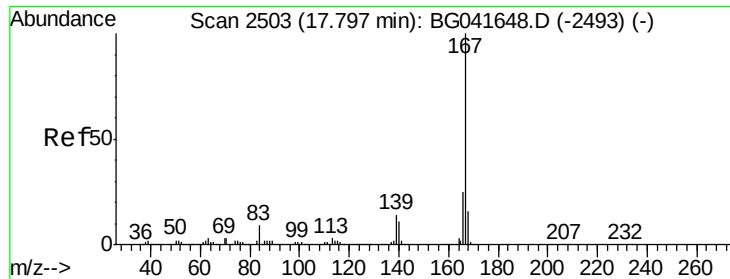
Tot Ion:178 Resp: 1523948
Ion Ratio Lower Upper
178 100
176 22.5 18.6 28.0
179 18.8 15.4 23.0



#72
Anthracene
Concen: 45.193 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion:178 Resp: 1557338
Ion Ratio Lower Upper
178 100
176 22.4 18.6 28.0
179 18.9 15.1 22.7



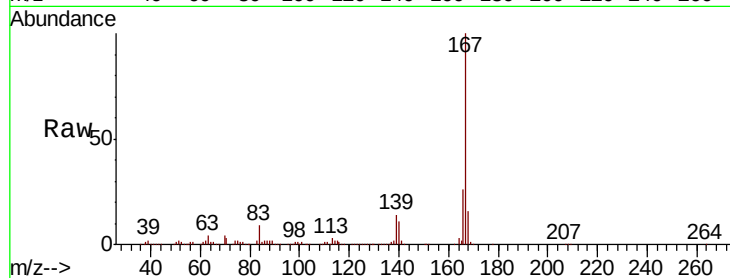


#73
 Carbazole
 Concen: 45.081 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

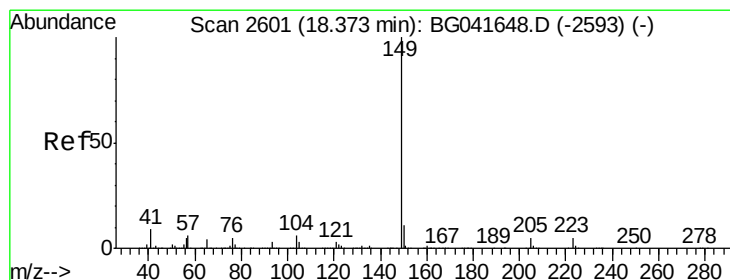
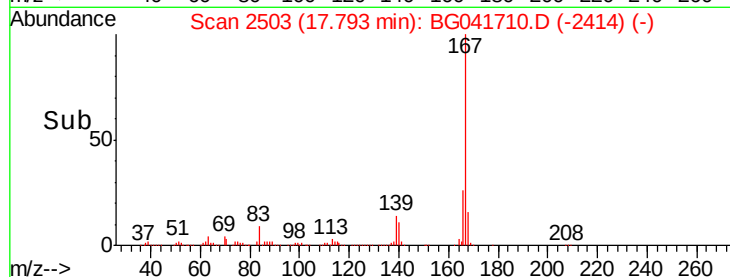
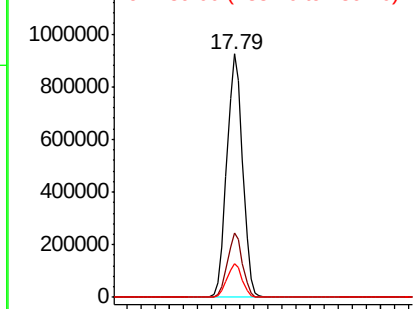
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1440719

Ion	Ratio	Lower	Upper
167	100		
166	26.3	21.4	32.2
139	14.1	12.1	18.1



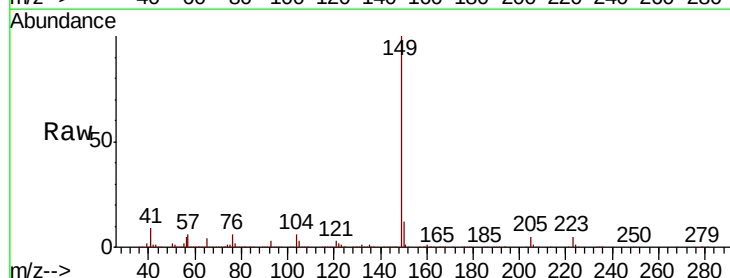
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



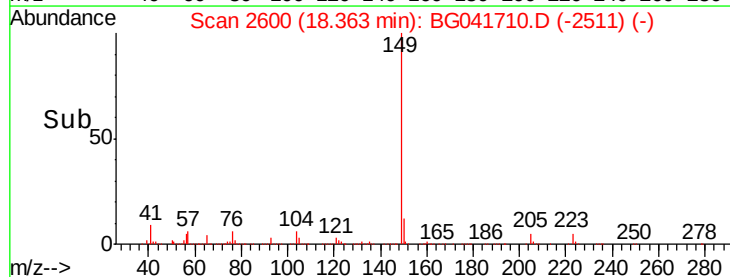
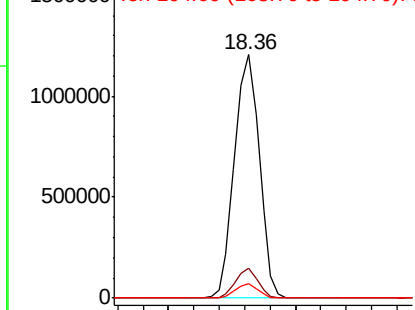
#74
 Di-n-butylphthalate
 Concen: 42.105 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG041710.D
 Acq: 18 Jul 2019 15:13

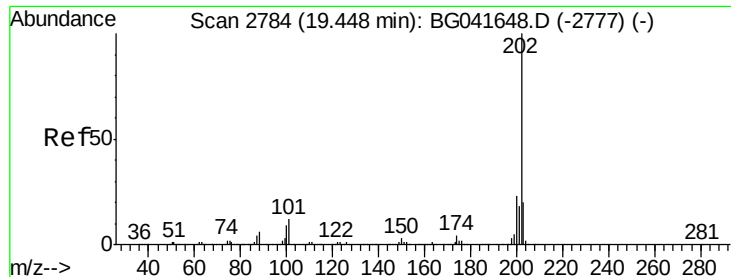
Tgt Ion:149 Resp: 1641205

Ion	Ratio	Lower	Upper
149	100		
150	12.0	10.2	15.2
104	6.0	5.3	7.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.630 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampleId :

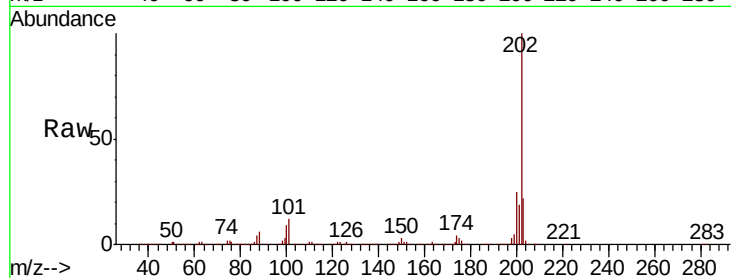
Tot Ion:202 Resp: 1809605

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.8

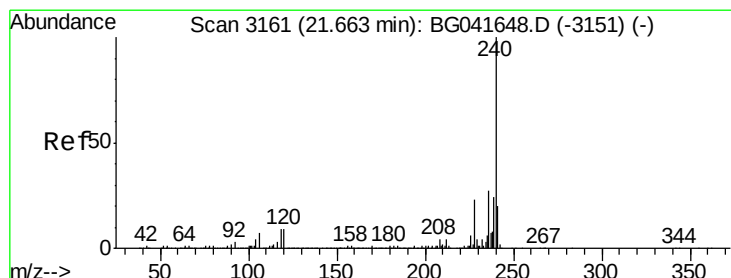
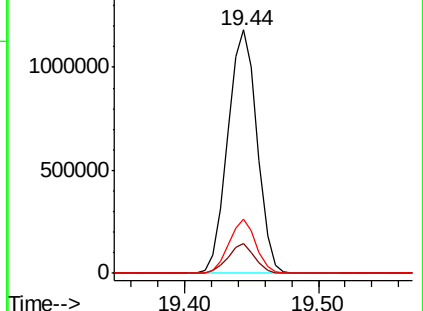
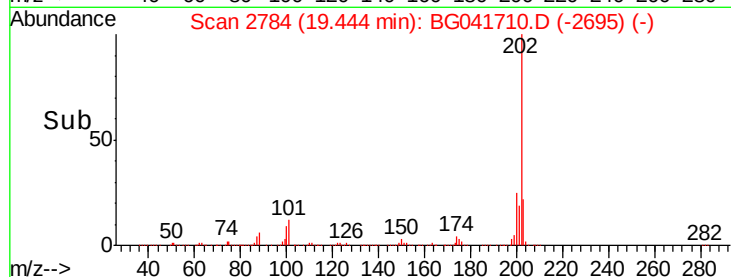
203 22.1 3.7 43.7



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: BG041710.D

Acq: 18 Jul 2019 15:13

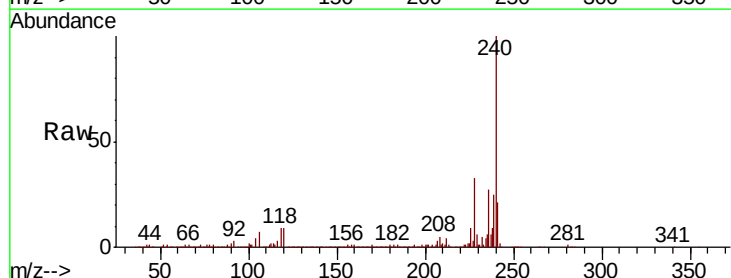
Tgt Ion:240 Resp: 639949

Ion Ratio Lower Upper

240 100

120 9.1 8.0 12.0

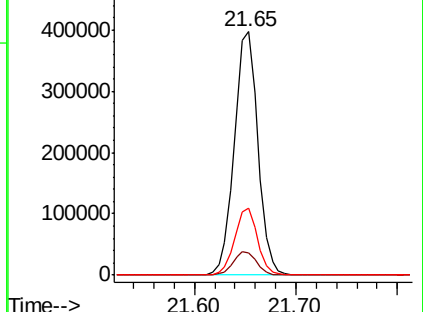
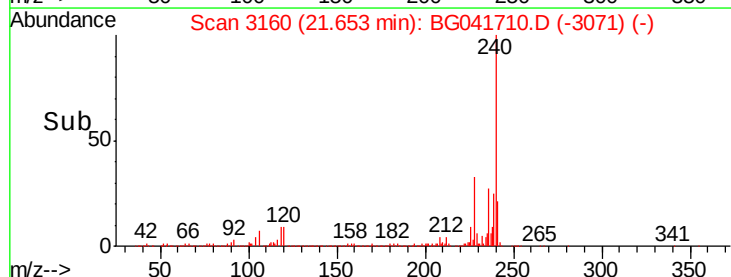
236 27.4 22.6 33.8

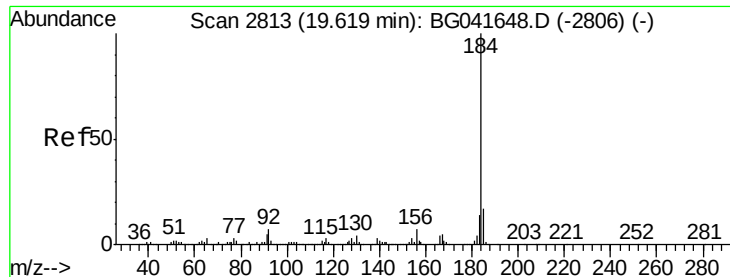


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.009 ng

RT: 19.61 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

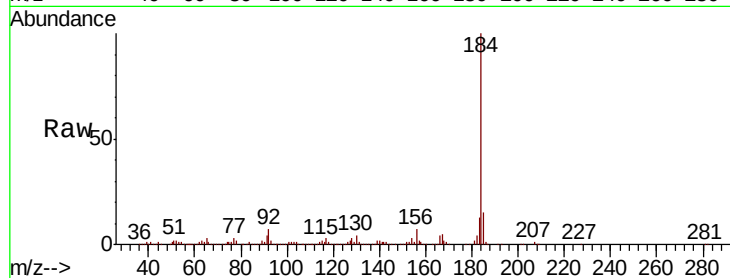
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 682868

Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.0	19.4
183	13.4	11.8	17.6

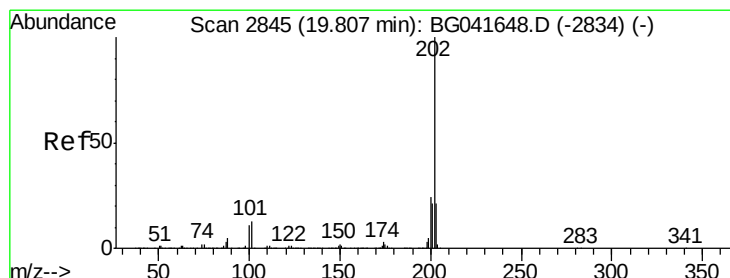
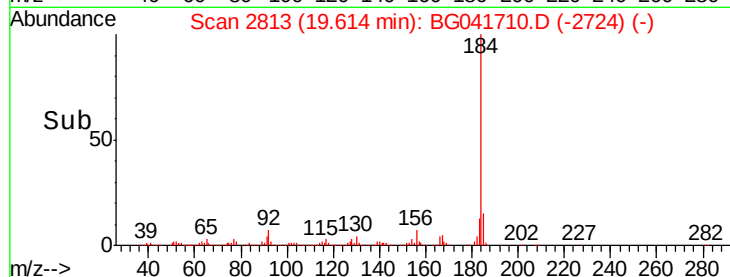
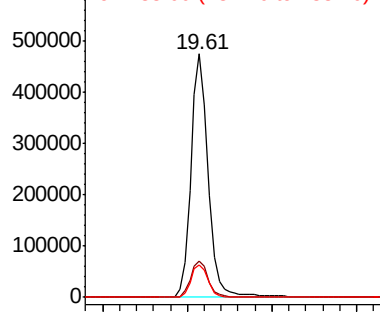


Abundance

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: 41.673 ng

RT: 19.80 min Scan# 2845

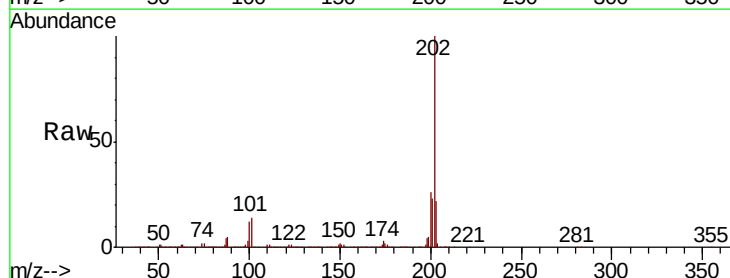
Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Tgt Ion:202 Resp: 1803687

Ion	Ratio	Lower	Upper
202	100		
200	26.2	22.2	33.2
203	21.8	18.9	28.3

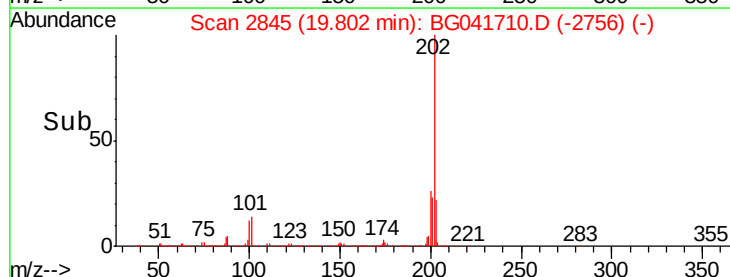
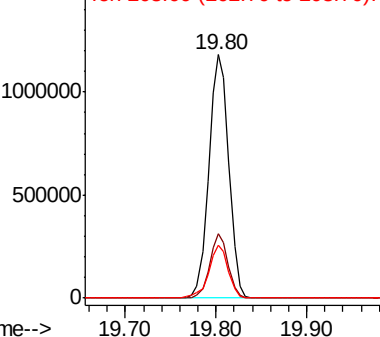


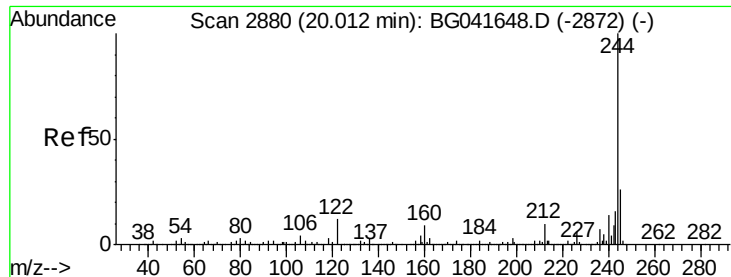
Abundance

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: 88.096 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

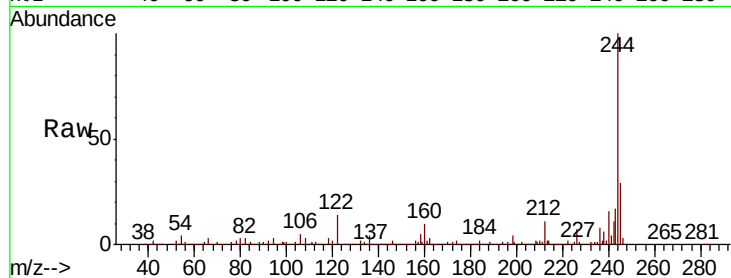
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2412484

Ion	Ratio	Lower	Upper
244	100		
212	11.0	9.7	14.5
122	13.6	12.5	18.7

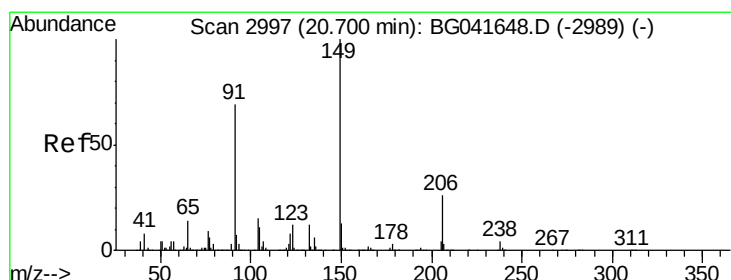
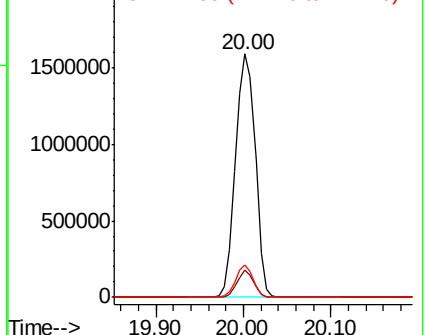
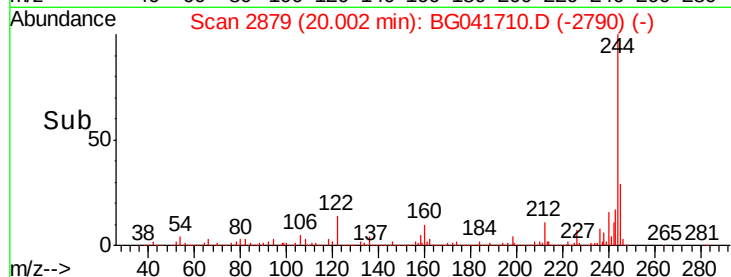


Abundance

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: 43.878 ng

RT: 20.69 min Scan# 2996

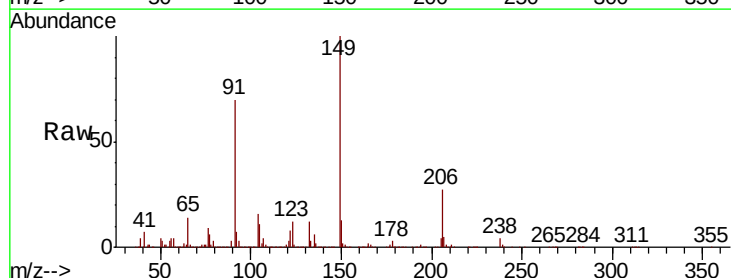
Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Tgt Ion:149 Resp: 789169

Ion	Ratio	Lower	Upper
149	100		
91	69.6	58.9	88.3
206	27.2	20.8	31.2

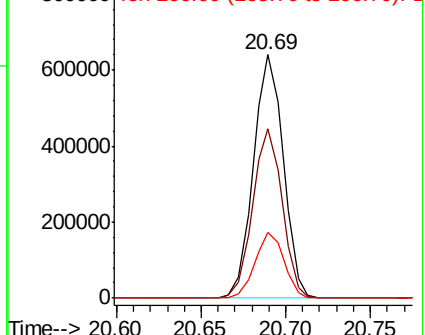
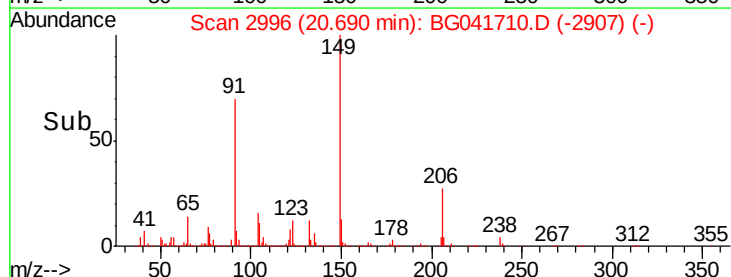


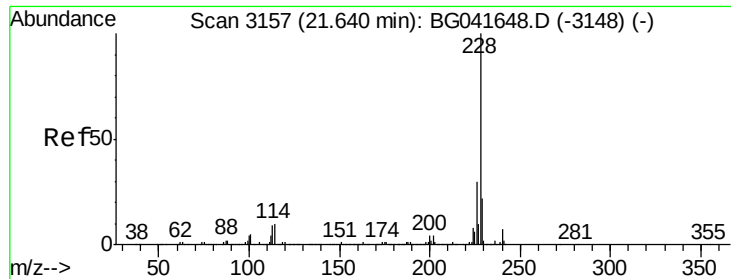
Abundance

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: 42.497 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

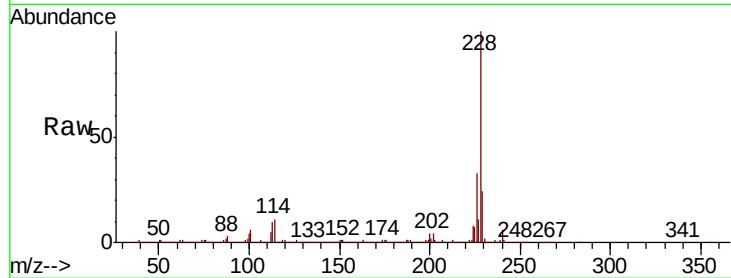
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1757141

Ion	Ratio	Lower	Upper
228	100		
226	33.1	27.3	40.9
229	24.0	19.7	29.5

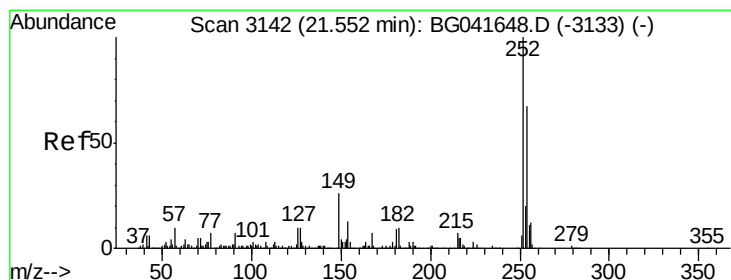
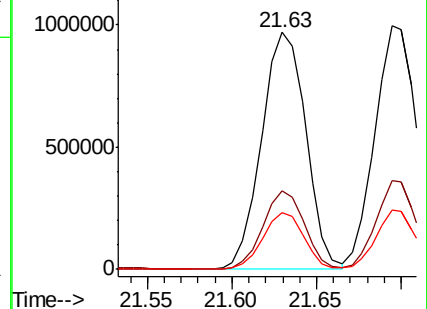
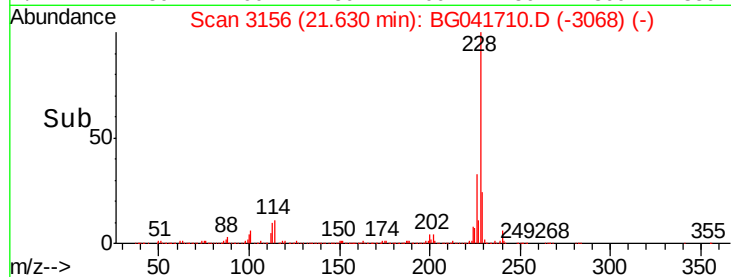


Abundance

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: 33.345 ng

RT: 21.54 min Scan# 3141

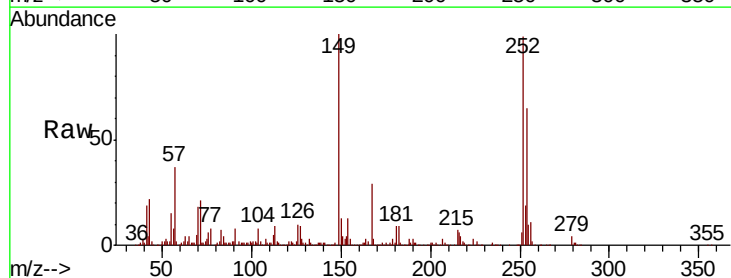
Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Tgt Ion:252 Resp: 542539

Ion	Ratio	Lower	Upper
252	100		
254	65.6	53.8	80.6
126	9.7	7.8	11.8

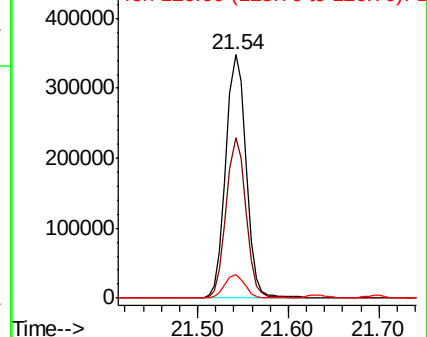
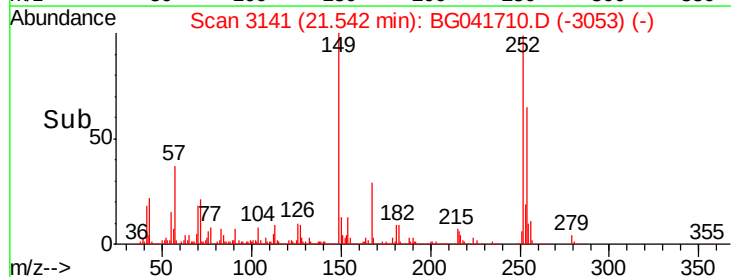


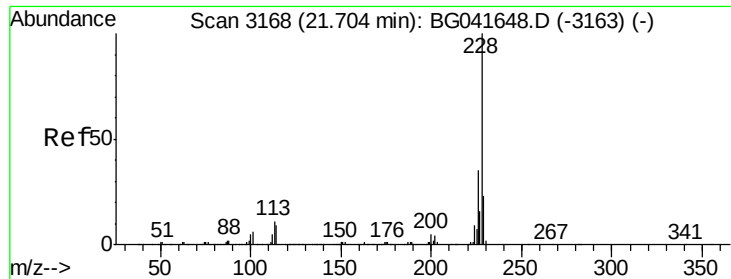
Abundance

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: 43.336 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

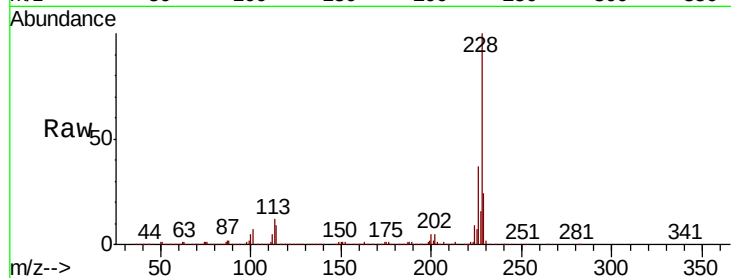
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1712183

Ion	Ratio	Lower	Upper
228	100		
226	36.5	30.1	45.1
229	24.4	19.8	29.6

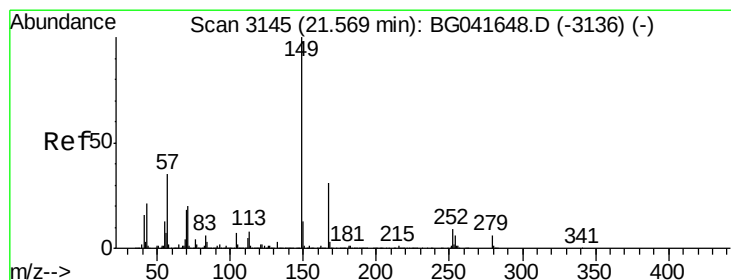
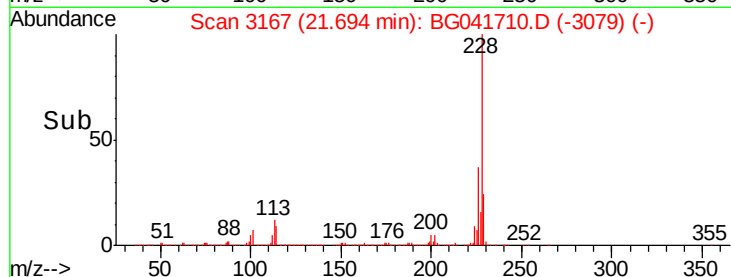
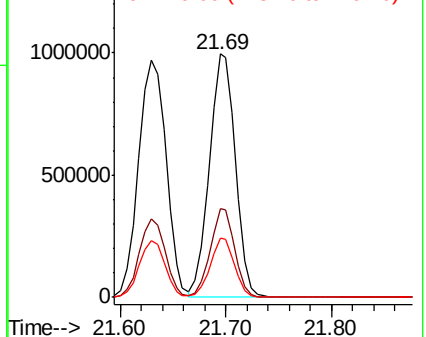


Abundance

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: 43.001 ng

RT: 21.55 min Scan# 3143

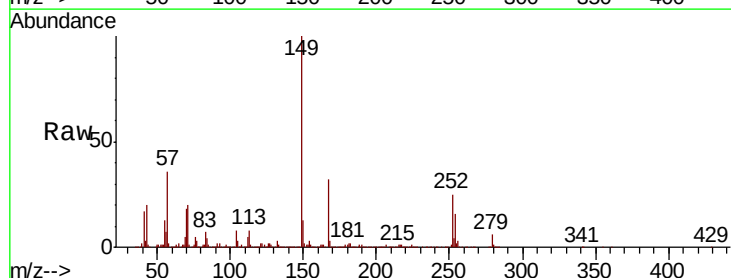
Delta R.T. -0.02 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Tgt Ion:149 Resp: 1091970

Ion	Ratio	Lower	Upper
149	100		
167	31.8	27.0	40.4
279	5.9	5.0	7.6

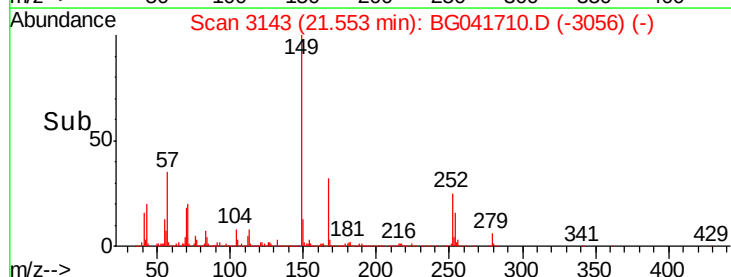
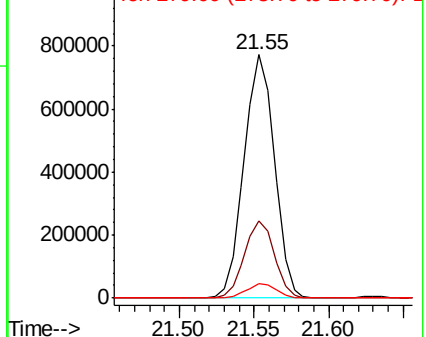


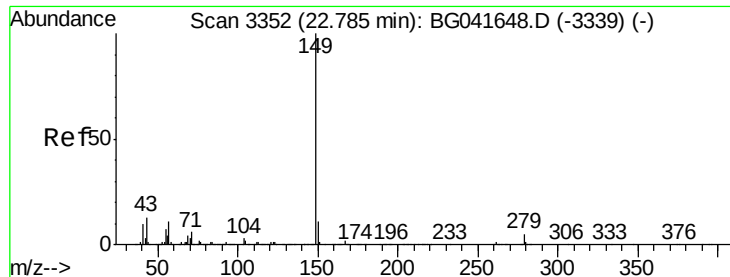
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.214 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.02 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

Instrument :

BNA_G

ClientSampled :

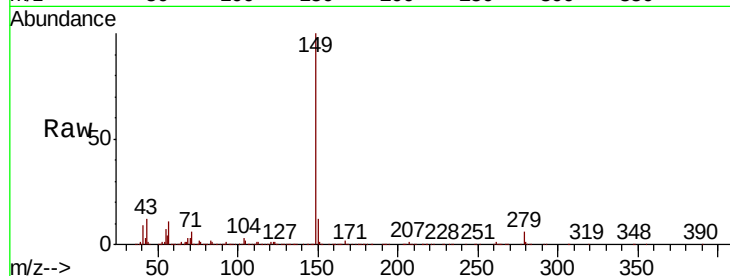
Tot Ion:149 Resp: 1912046

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

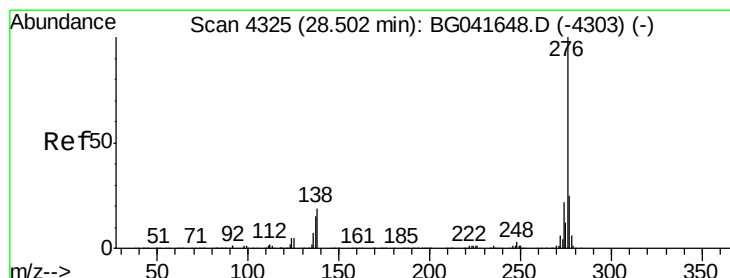
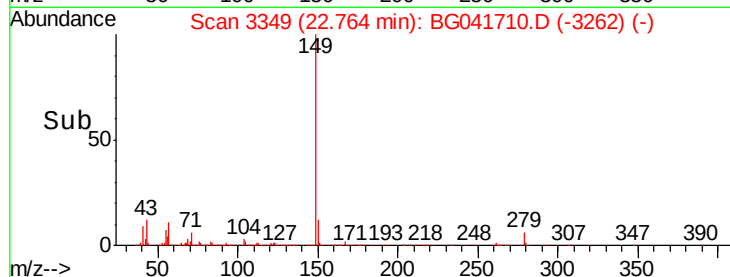
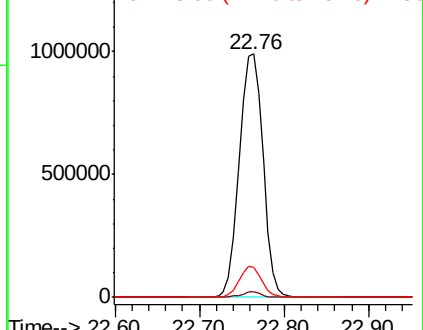
43 12.0 10.6 16.0



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: 43.794 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.03 min

Lab File: BG041710.D

Acq: 18 Jul 2019 15:13

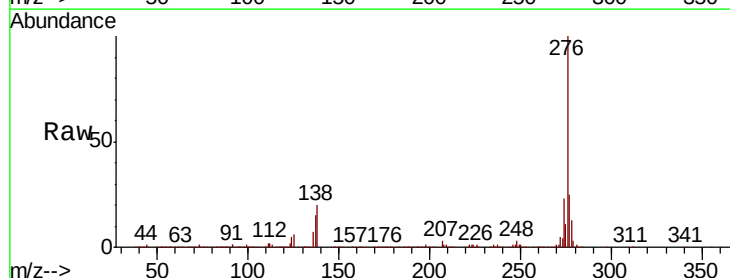
Tgt Ion:276 Resp: 2283026

Ion Ratio Lower Upper

276 100

138 16.4 19.4 29.0#

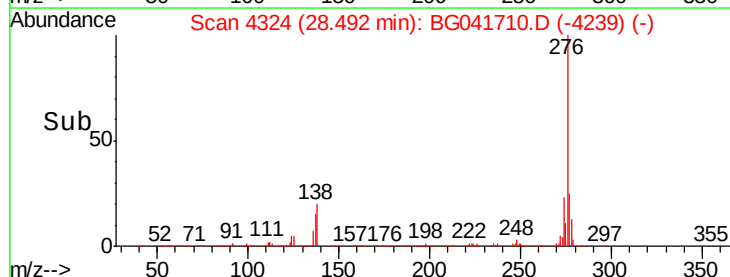
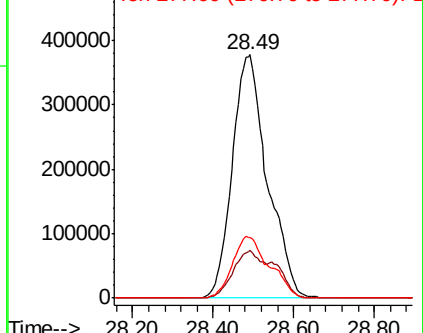
277 26.6 21.2 31.8

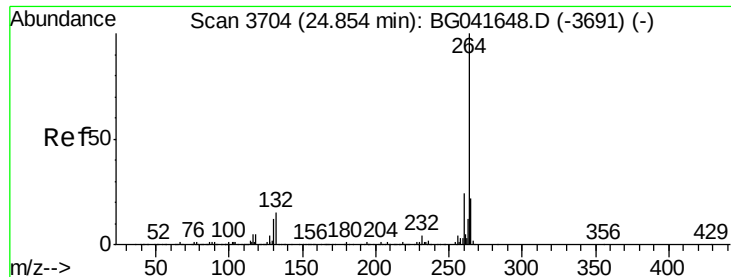


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



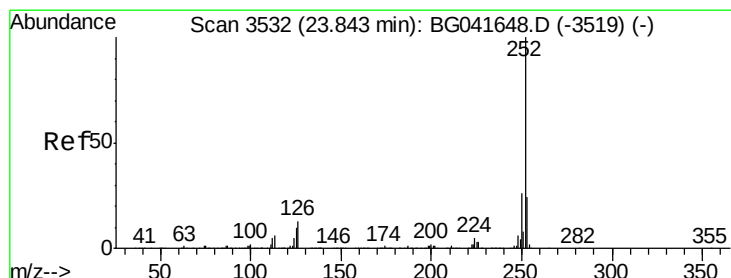
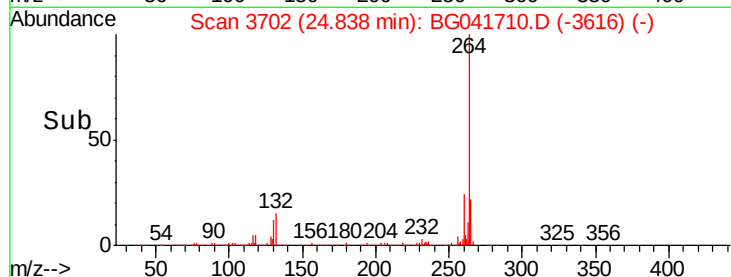
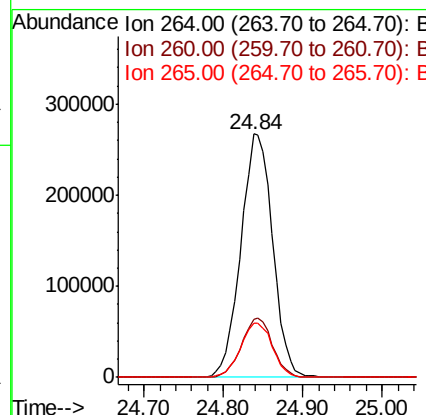
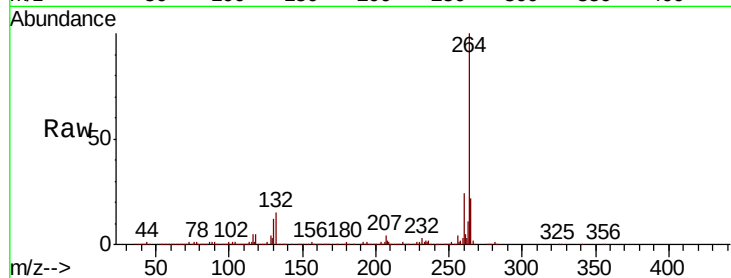


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3702
Delta R.T. -0.03 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 742695

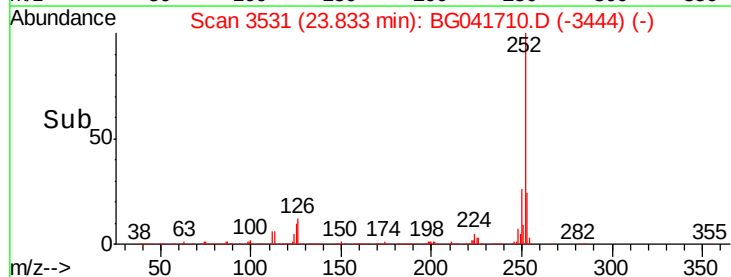
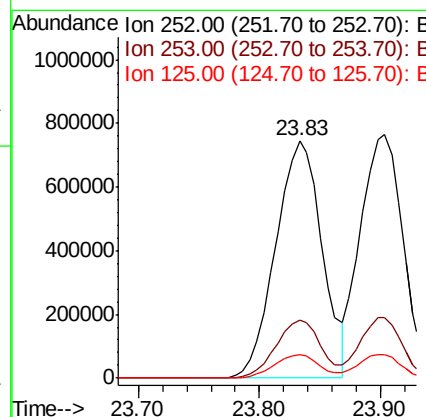
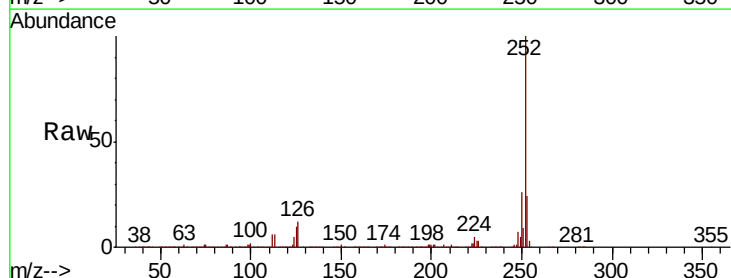
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.1	18.0	27.0

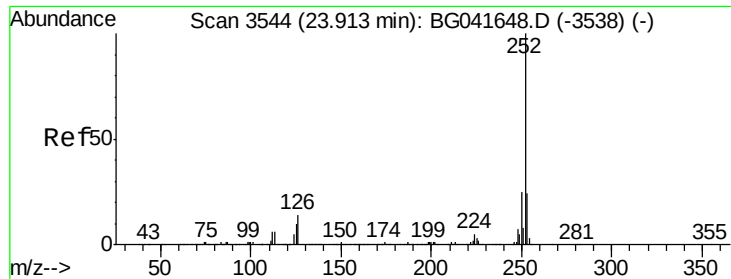


#88
Benzo(b)fluoranthene
Concen: 44.006 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.02 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion:252 Resp: 1982476

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.6	30.8
125	10.0	8.0	12.0

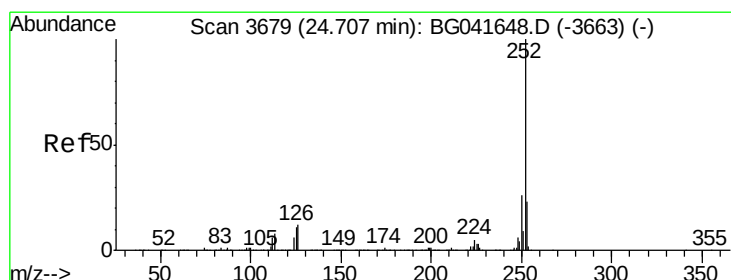
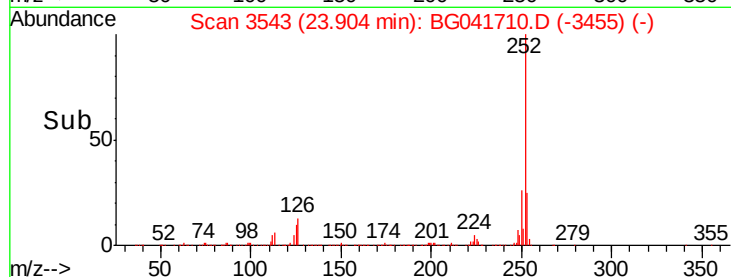
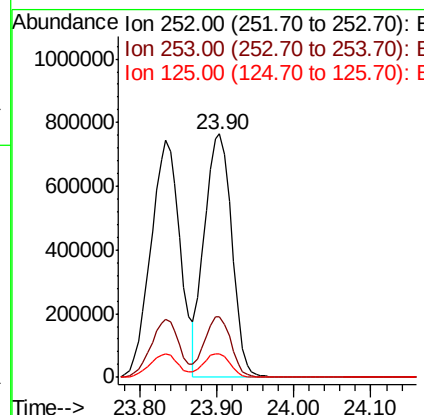
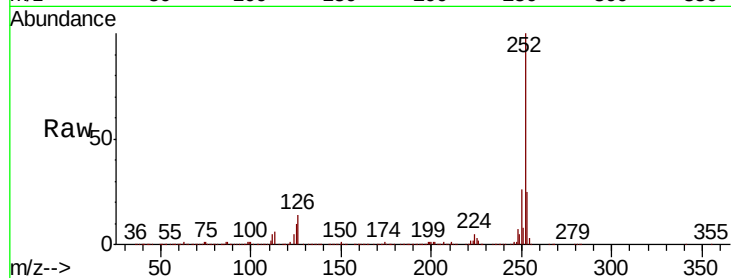




#89
Benzo(k)fluoranthene
Concen: 44.850 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

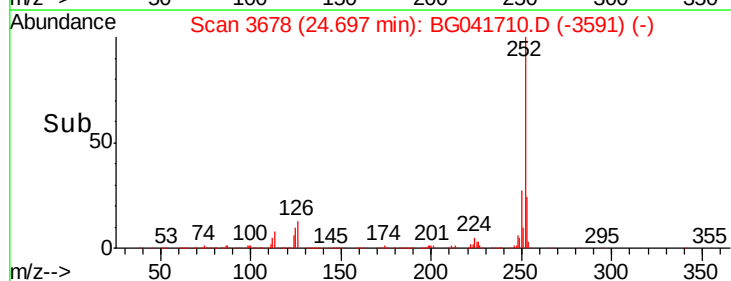
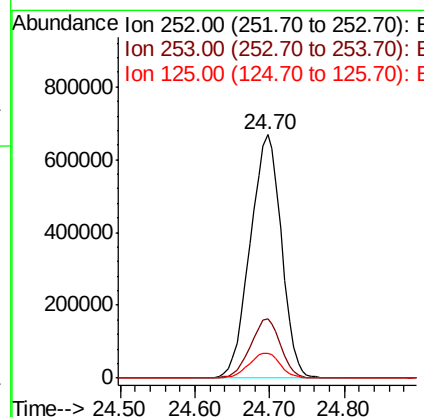
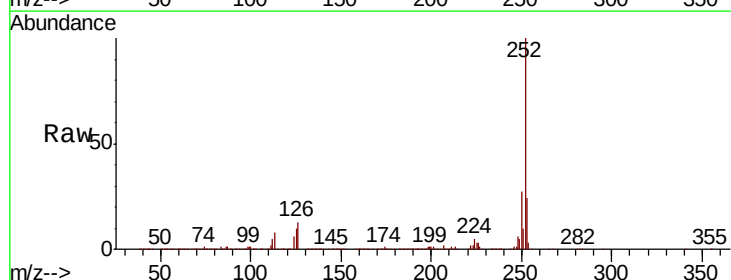
Instrument :
BNA_G
ClientSampled :

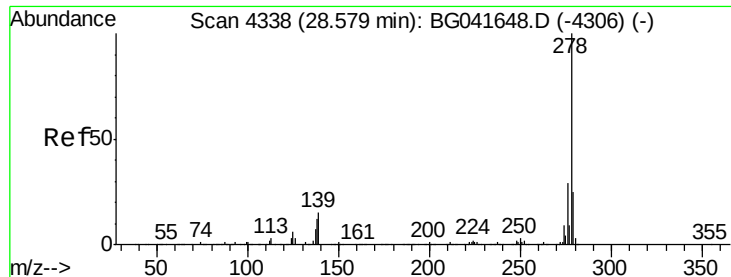
Tot Ion:252 Resp: 1872213
Ion Ratio Lower Upper
252 100
253 24.8 20.5 30.7
125 9.8 8.4 12.6



#90
Benzo(a)pyrene
Concen: 45.485 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion:252 Resp: 1938726
Ion Ratio Lower Upper
252 100
253 24.4 19.8 29.8
125 10.2 8.8 13.2



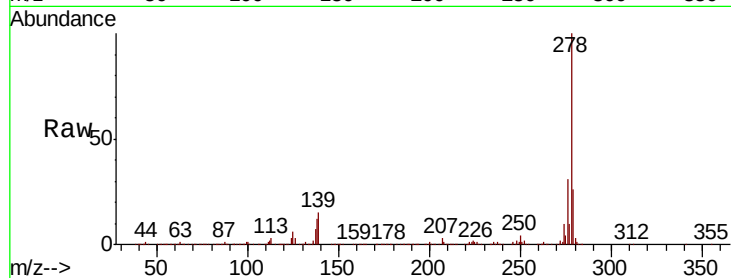


#91
Dibenzo(a,h)anthracene
Concen: 45.136 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.04 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

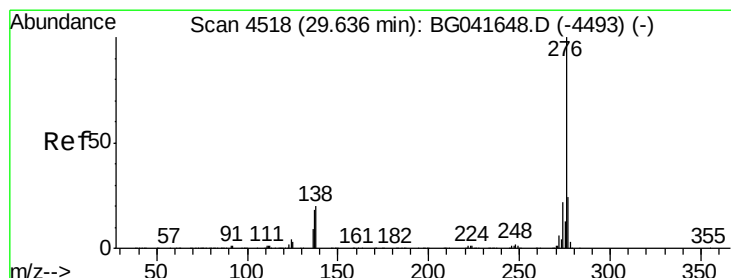
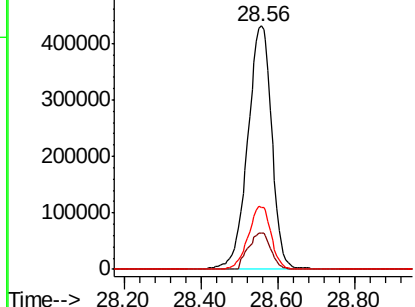
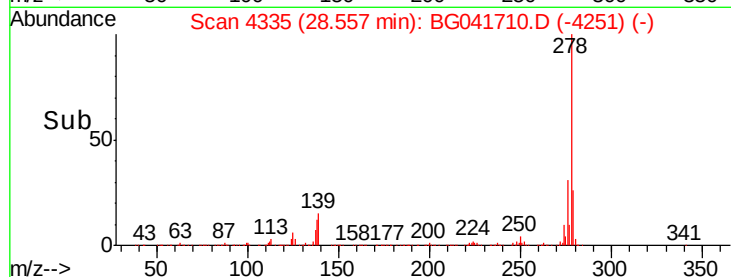
Instrument :
BNA_G
ClientSampleID :

Tot Ion:278 Resp: 1865334

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.6	19.0
279	25.6	20.5	30.7



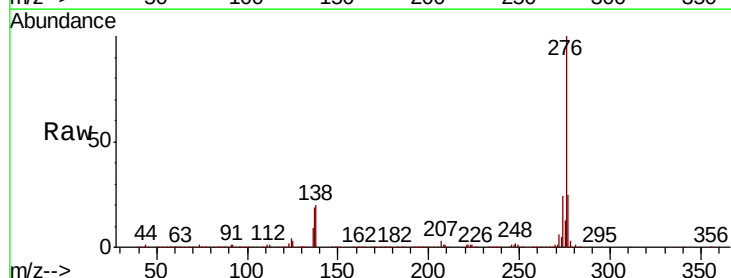
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.351 ng
RT: 29.63 min Scan# 4517
Delta R.T. -0.04 min
Lab File: BG041710.D
Acq: 18 Jul 2019 15:13

Tgt Ion:276 Resp: 1878239

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	20.3	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

