

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041740.D
 Acq On : 19 Jul 2019 18:15
 Operator : HP/JU
 Sample : K3615-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 19 23:37:27 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	76526	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	281820	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	163611	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	465615	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	607049	20.00	ng	-0.01
87) Perylene-d12	24.84	264	722818	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	494611	105.66	ng	0.00
7) Phenol-d6	7.20	99	583286	92.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	421224	90.90	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	290707	157.66	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	973565	92.14	ng	-0.01
79) Terphenyl-d14	20.00	244	2138747	82.33	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	65924	29.651	ng	# 19
3) Pyridine	3.90	79	135604	22.849	ng	97
4) n-Nitrosodimethylamine	3.80	42	77415	28.246	ng	97
6) Aniline	7.36	93	84295	9.961	ng	97
8) 2-Chlorophenol	7.61	128	177148	33.427	ng	99
9) Benzaldehyde	7.17	77	88359	19.962	ng	96
10) Phenol	7.23	94	188966	28.485	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	180176	33.630	ng	94
12) 1,3-Dichlorobenzene	7.94	146	211764	33.489	ng	97
13) 1,4-Dichlorobenzene	8.08	146	214716	33.906	ng	98
14) 1,2-Dichlorobenzene	8.40	146	198815	33.299	ng	96
15) Benzyl Alcohol	8.28	79	150379	29.999	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	325705	29.338	ng	99
17) 2-Methylphenol	8.48	107	142881	31.145	ng	99
18) Hexachloroethane	9.13	117	75917	32.730	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	136768	29.718	ng	97
20) 3+4-Methylphenols	8.81	107	189032	30.068	ng	99
22) Acetophenone	8.86	105	264543	38.541	ng	# 96
24) Nitrobenzene	9.24	77	192628	38.105	ng	97
25) Isophorone	9.77	82	348419	34.336	ng	98
26) 2-Nitrophenol	9.96	139	95018	41.654	ng	95
27) 2,4-Dimethylphenol	10.01	122	161937	40.334	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	217817	34.828	ng	98
29) 2,4-Dichlorophenol	10.49	162	180818	39.501	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	205134	38.167	ng	98
31) Naphthalene	10.90	128	537539	38.743	ng	96
32) Benzoic acid	10.09	122	44603	18.813	ng	99
33) 4-Chloroaniline	11.00	127	33231	5.192	ng	99
34) Hexachlorobutadiene	11.20	225	129928	37.611	ng	98
35) Caprolactam	11.75	113	48436	28.788	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	173815	36.246	ng	97
37) 2-Methylnaphthalene	12.50	142	392365	37.015	ng	97
38) 1-Methylnaphthalene	12.72	142	371659	36.777	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	228689	40.806	ng	99

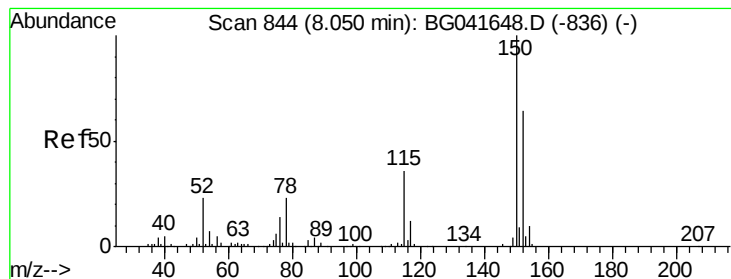
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041740.D
 Acq On : 19 Jul 2019 18:15
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 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	259769	81.940	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	148912	40.894	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	165278	43.079	ng	95
46) 1,1'-Biphenyl	13.50	154	487922	39.806	ng	99
47) 2-Chloronaphthalene	13.54	162	395867	38.751	ng	98
48) 2-Nitroaniline	13.73	65	120631	40.557	ng	98
49) Acenaphthylene	14.39	152	635794	39.868	ng	97
50) Dimethylphthalate	14.11	163	551942	42.953	ng	99
51) 2,6-Dinitrotoluene	14.22	165	117971	43.283	ng	96
52) Acenaphthene	14.73	154	405121	40.311	ng	97
53) 3-Nitroaniline	14.55	138	41634	13.993	ng	# 90
54) 2,4-Dinitrophenol	14.75	184	76490	57.893	ng	93
55) Dibenzofuran	15.06	168	620351	41.135	ng	96
56) 4-Nitrophenol	14.85	139	222520	92.375	ng	96
57) 2,4-Dinitrotoluene	15.00	165	176966	49.117	ng	99
58) Fluorene	15.70	166	511413	41.677	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	166514	47.012	ng	98
60) Diethylphthalate	15.47	149	538707	41.615	ng	97
61) 4-Chlorophenyl-phenylether	15.70	204	278969	40.218	ng	97
62) 4-Nitroaniline	15.71	138	149289	47.310	ng	99
63) Azobenzene	15.99	77	459002	39.219	ng	94
65) 4,6-Dinitro-2-methylphenol	15.77	198	75438	36.058	ng	96
66) n-Nitrosodiphenylamine	15.90	169	487288	35.638	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	194837	35.168	ng	98
68) Hexachlorobenzene	16.71	284	205056	36.755	ng	96
69) Atrazine	16.85	200	217977	43.929	ng	100
70) Pentachlorophenol	17.05	266	210775	60.423	ng	99
71) Phenanthrene	17.44	178	950433	40.533	ng	94
72) Anthracene	17.53	178	979715	41.916	ng	94
73) Carbazole	17.80	167	988015	45.579	ng	95
74) Di-n-butylphthalate	18.36	149	1131495	42.797	ng	# 96
75) Fluoranthene	19.44	202	1396080	48.487	ng	95
77) Benzidine	19.62	184	129533	3.726	ng	96
78) Pyrene	19.80	202	1442572	35.136	ng	94
80) Butylbenzylphthalate	20.69	149	640378	37.535	ng	95
81) Benzo(a)anthracene	21.63	228	1513984	38.601	ng	95
82) 3,3'-Dichlorobenzidine	21.54	252	226910	14.702	ng	98
83) Chrysene	21.70	228	1467130	39.146	ng	96
84) Bis(2-ethylhexyl)phthalate	21.55	149	920013	38.193	ng	97
85) Di-n-octyl phthalate	22.75	149	1599769	38.998	ng	95
86) Indeno(1,2,3-cd)pyrene	28.48	276	1977478	39.989	ng	# 92
88) Benzo(b)fluoranthene	23.83	252	1705108	38.890	ng	97
89) Benzo(k)fluoranthene	23.90	252	1614360	39.737	ng	97
90) Benzo(a)pyrene	24.69	252	1670428	40.268	ng	97
91) Dibenzo(a,h)anthracene	28.55	278	1613321	40.111	ng	98
92) Benzo(g,h,i)perylene	29.62	276	1623530	40.279	ng	98

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

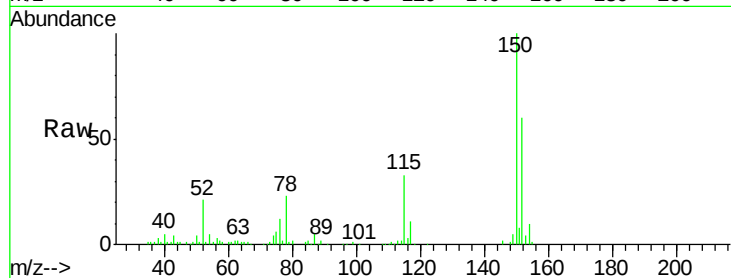


#1

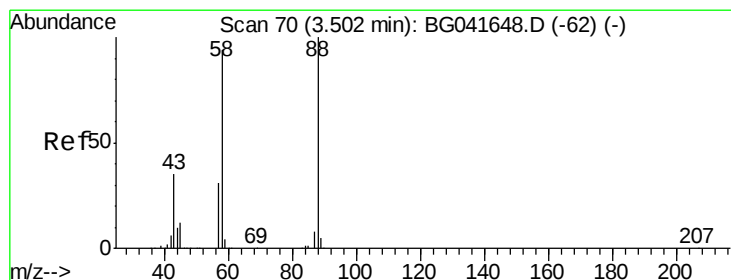
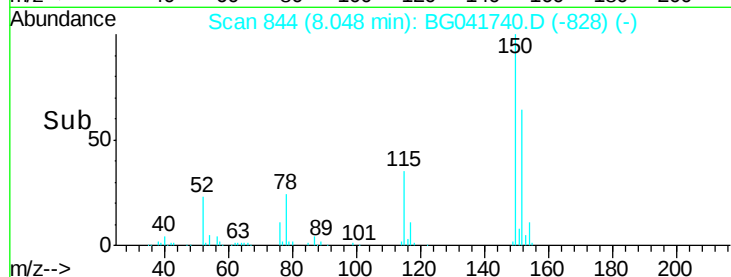
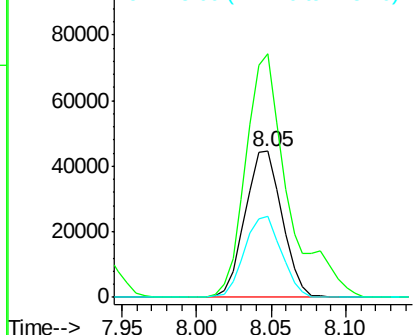
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 76526
Ion Ratio Lower Upper
152 100
150 166.6 126.9 190.3
115 55.1 45.0 67.6



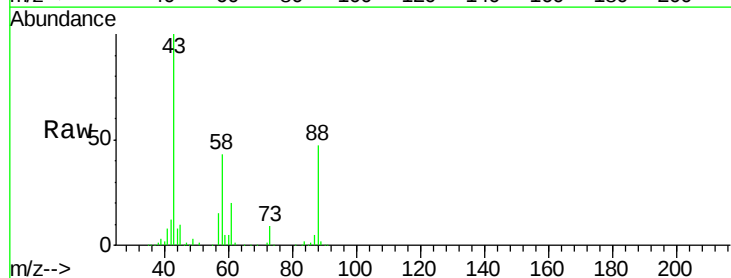
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



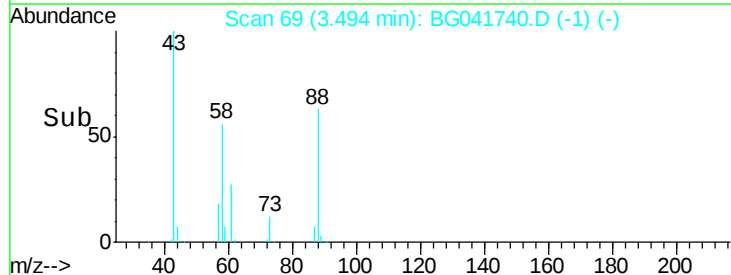
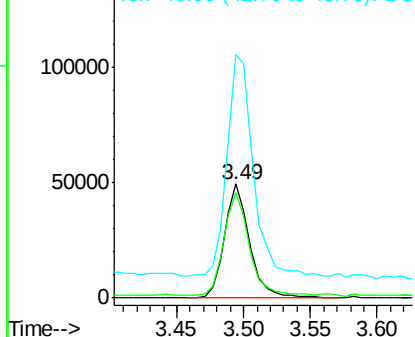
#2

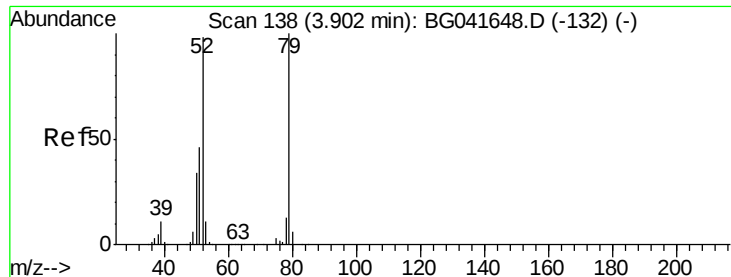
1,4-Dioxane
Concen: 29.651 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion: 88 Resp: 65924
Ion Ratio Lower Upper
88 100
58 89.4 76.2 114.2
43 200.5 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: 22.849 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampled :

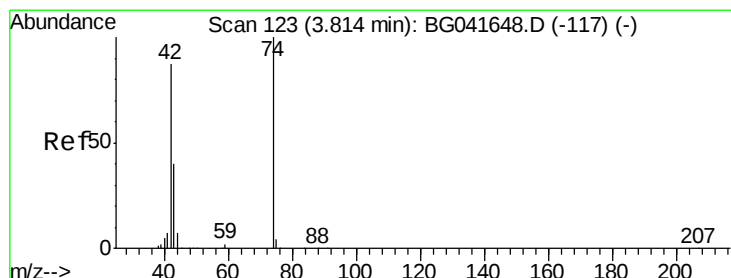
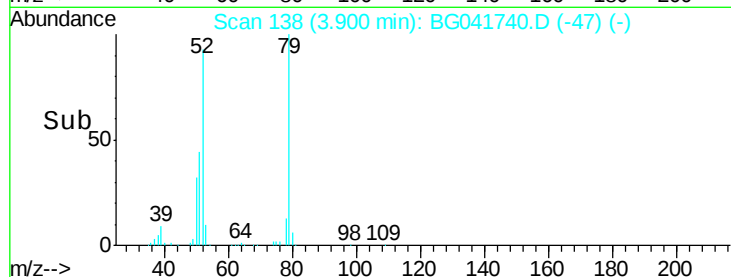
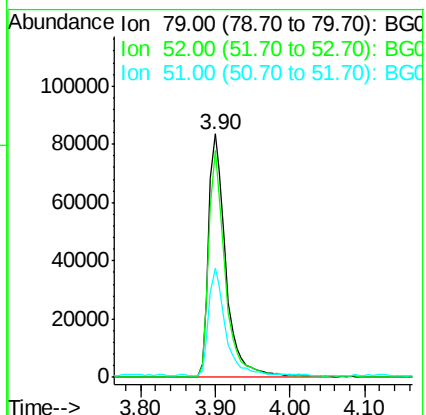
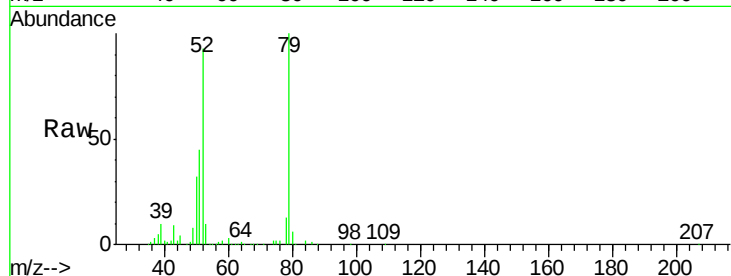
Tot Ion: 79 Resp: 135604

Ion Ratio Lower Upper

79 100

52 93.4 77.1 115.7

51 45.0 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 28.246 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

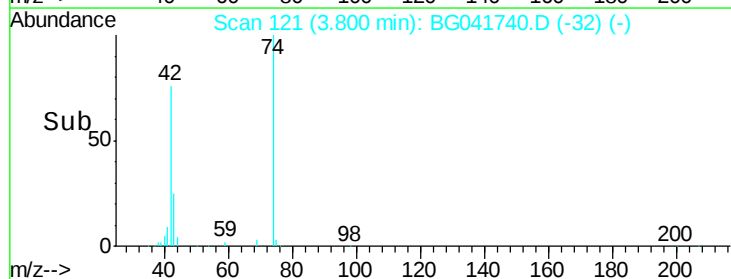
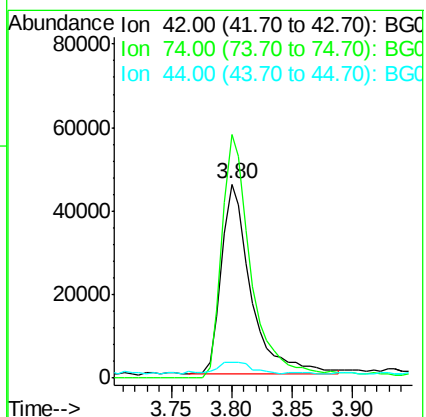
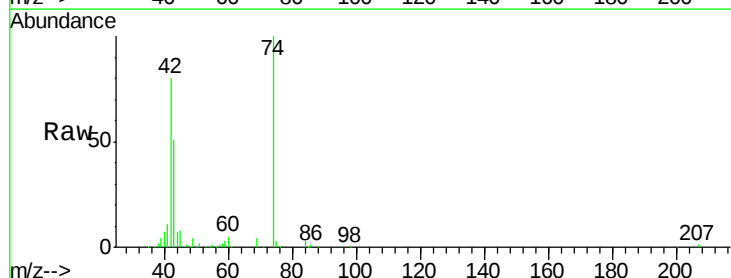
Tgt Ion: 42 Resp: 77415

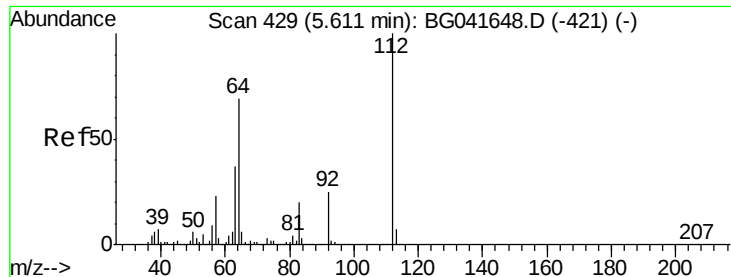
Ion Ratio Lower Upper

42 100

74 125.6 97.4 146.2

44 8.4 6.6 9.8





#5

2-Fluorophenol

Concen: 105.659 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

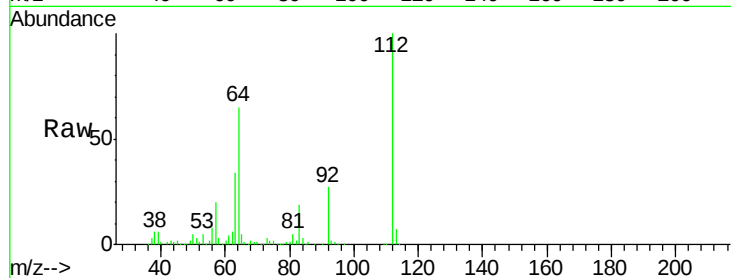
Tot Ion:112 Resp: 494611

Ion Ratio Lower Upper

112 100

64 65.4 55.4 83.2

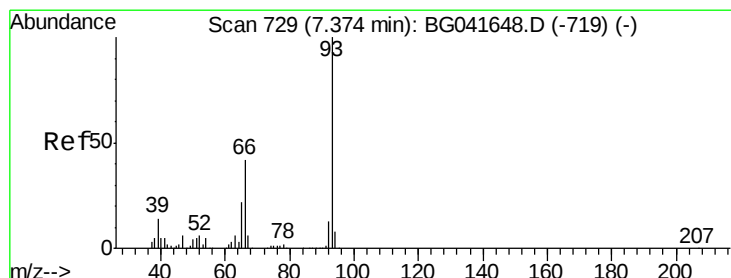
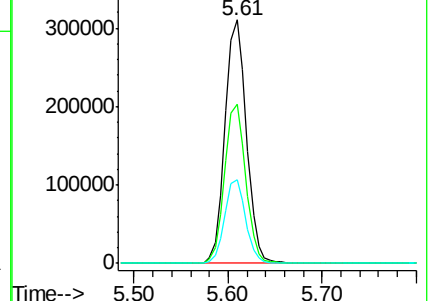
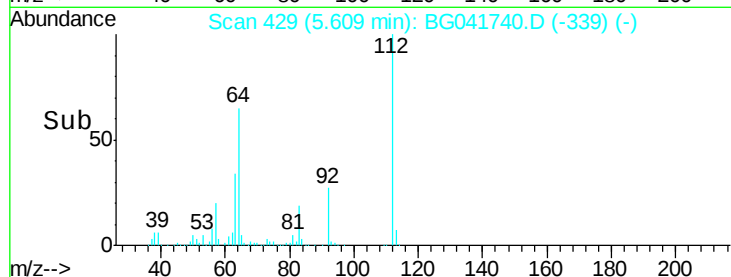
63 34.1 29.1 43.7



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: 9.961 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

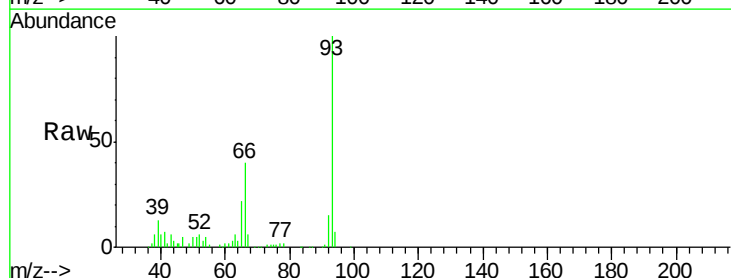
Tgt Ion: 93 Resp: 84295

Ion Ratio Lower Upper

93 100

66 40.3 34.2 51.2

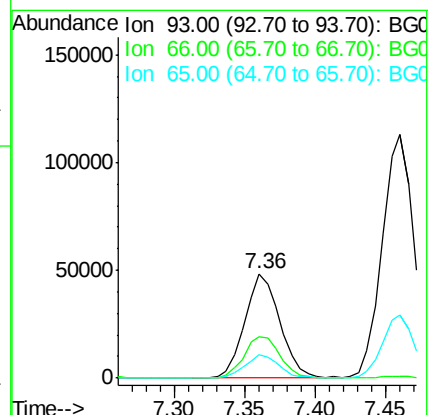
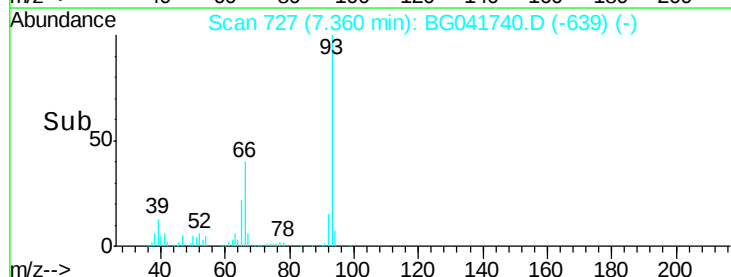
65 22.2 18.2 27.2

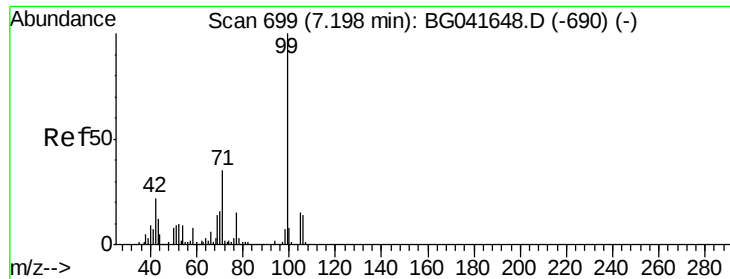


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.638 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

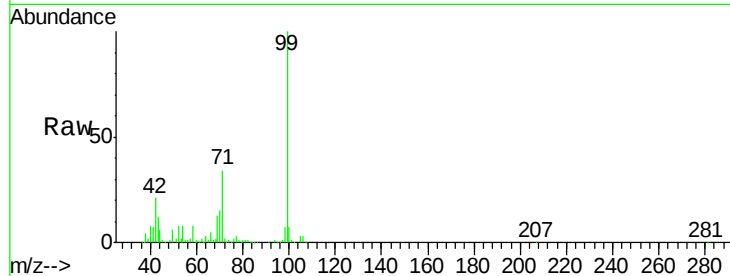
Tot Ion: 99 Resp: 583286

Ion Ratio Lower Upper

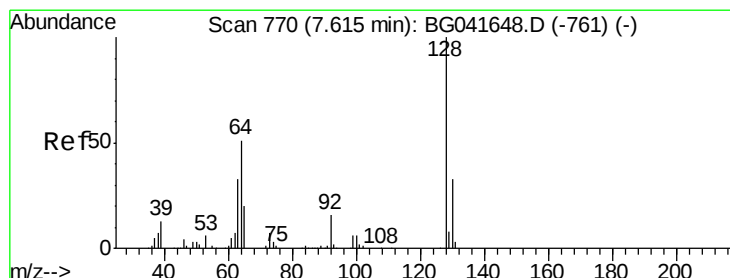
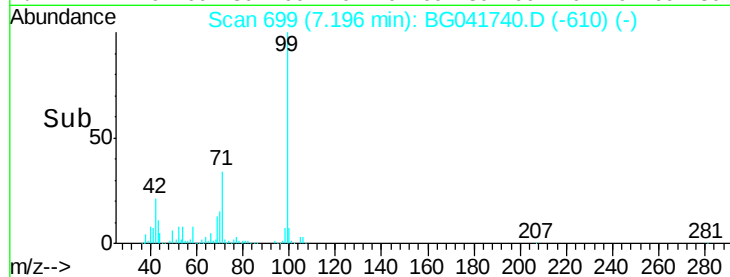
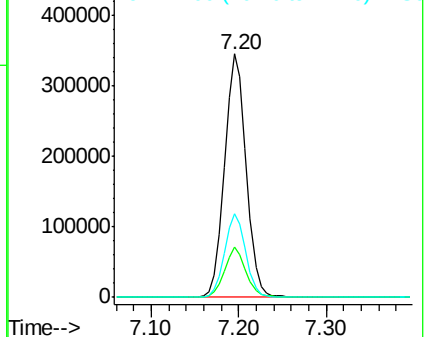
99 100

42 20.7 17.6 26.4

71 34.2 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: 33.427 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

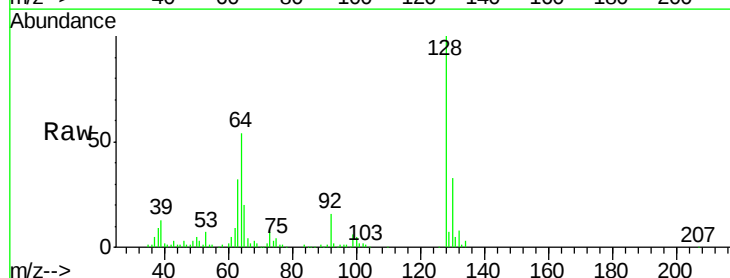
Tgt Ion: 128 Resp: 177148

Ion Ratio Lower Upper

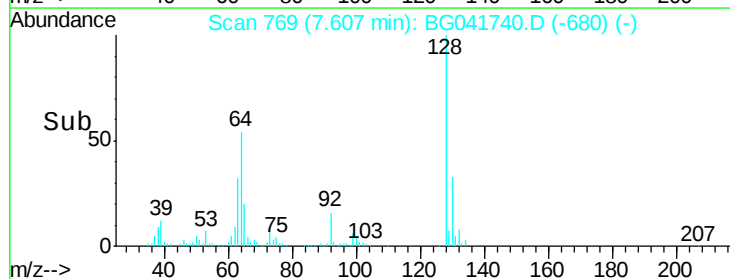
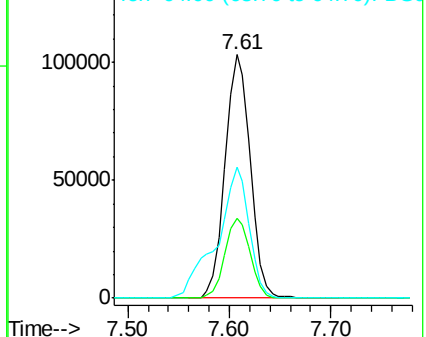
128 100

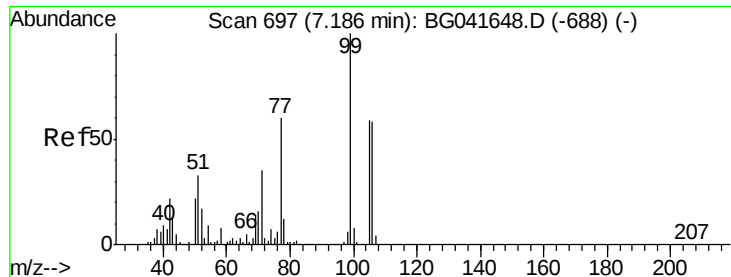
130 32.7 12.4 52.4

64 53.9 34.9 74.9



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





#9

Benzaldehyde

Concen: 19.962 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

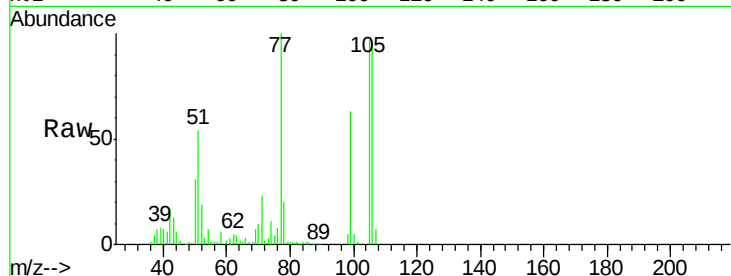
Tot Ion: 77 Resp: 88359

Ion Ratio Lower Upper

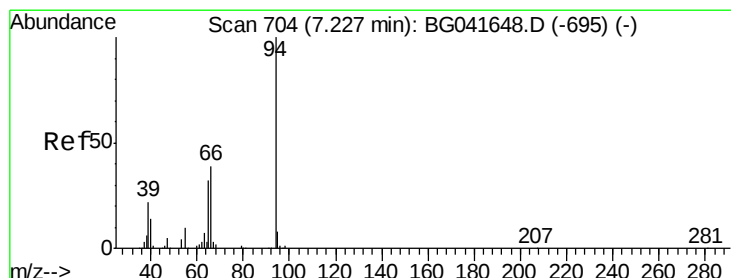
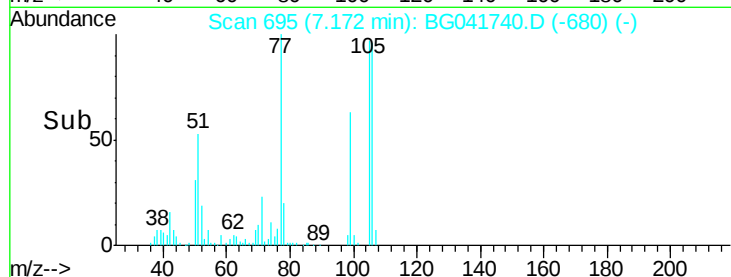
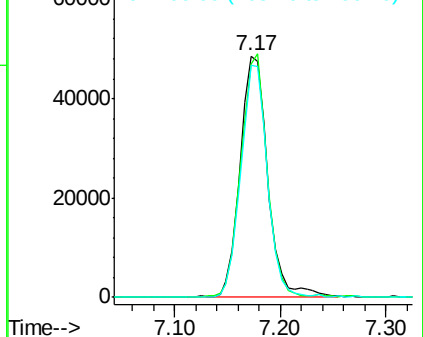
77 100

105 96.7 74.6 114.6

106 96.2 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: 28.485 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

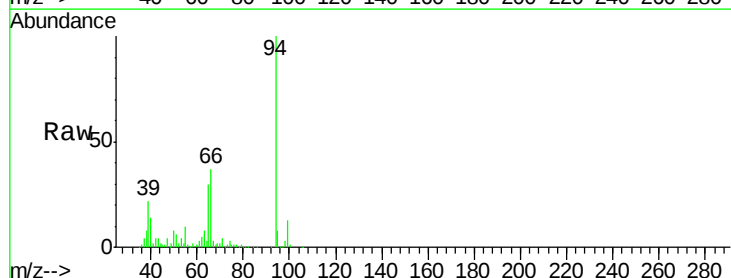
Tgt Ion: 94 Resp: 188966

Ion Ratio Lower Upper

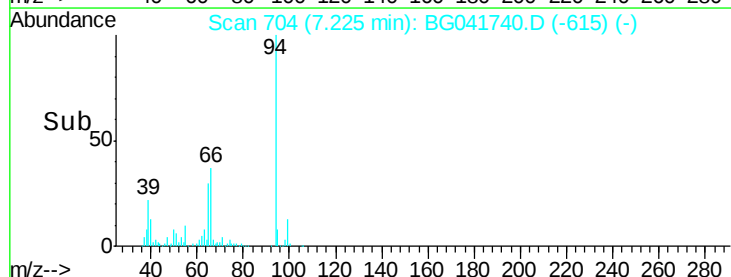
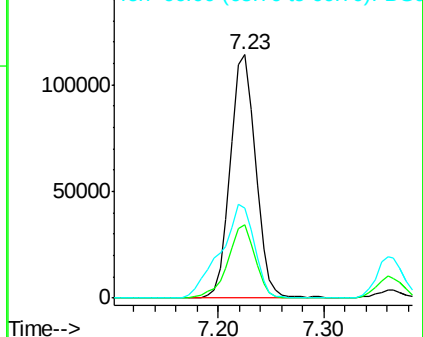
94 100

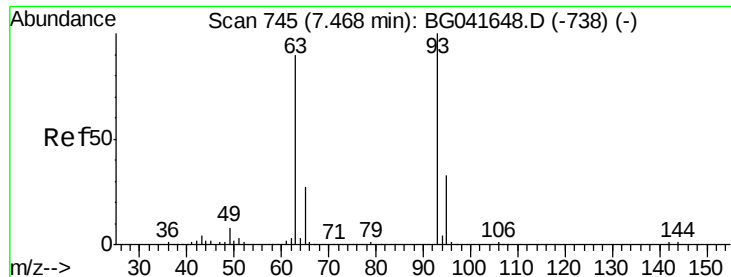
65 30.0 10.6 50.6

66 37.0 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: 33.630 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

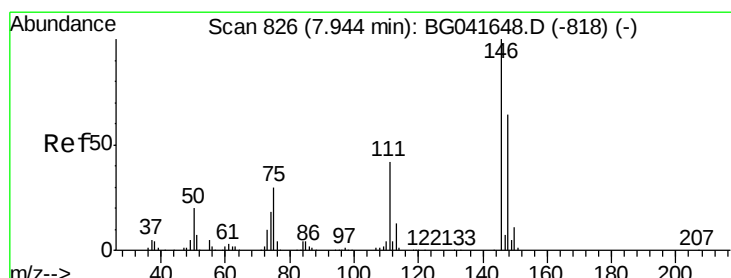
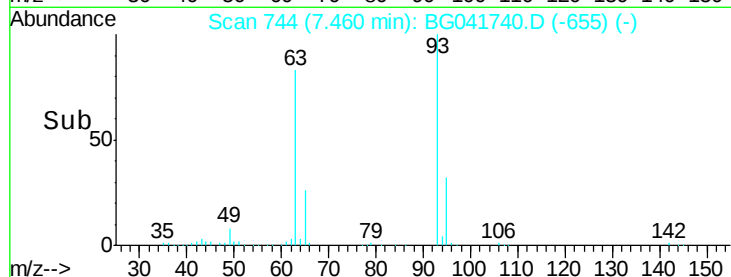
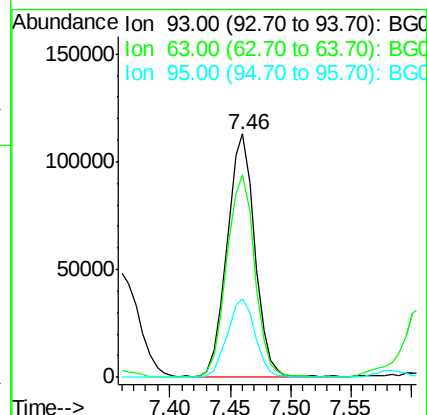
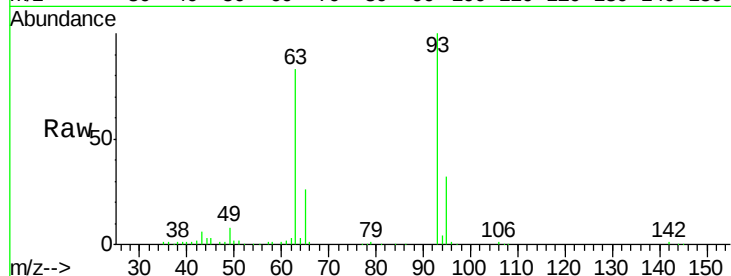
Tot Ion: 93 Resp: 180176

Ion Ratio Lower Upper

93 100

63 83.4 70.4 110.4

95 32.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 33.489 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

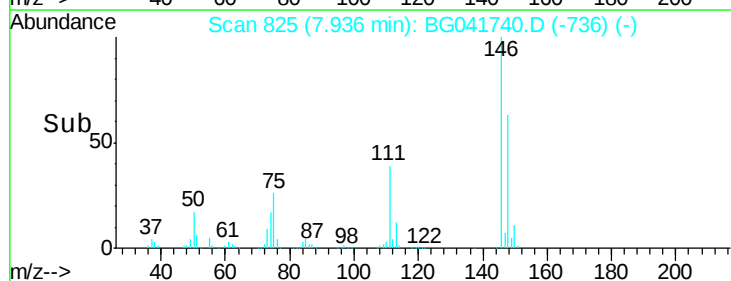
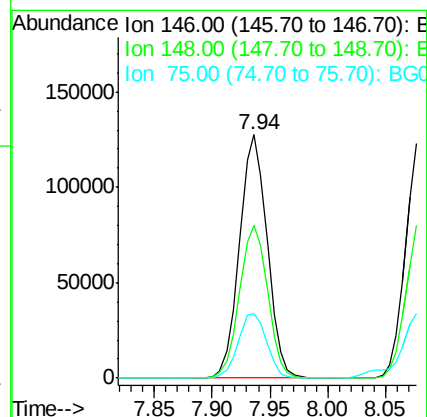
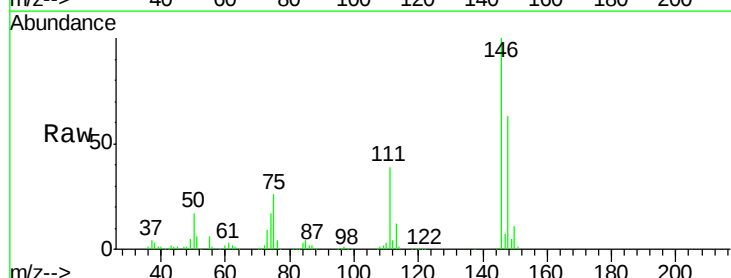
Tgt Ion: 146 Resp: 211764

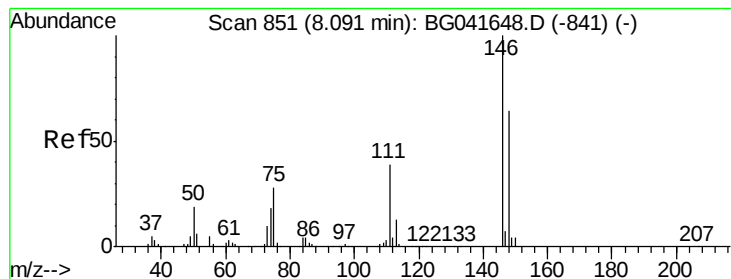
Ion Ratio Lower Upper

146 100

148 62.6 51.5 77.3

75 26.4 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 33.906 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

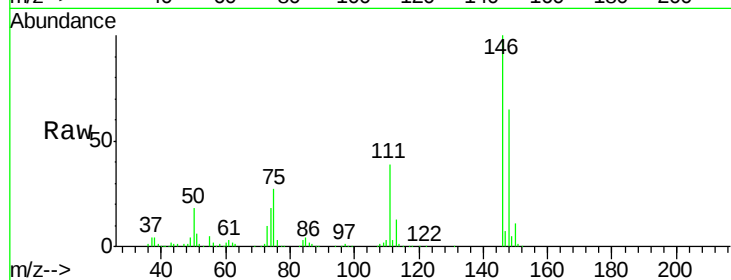
Tot Ion:146 Resp: 214716

Ion Ratio Lower Upper

146 100

148 65.1 52.6 79.0

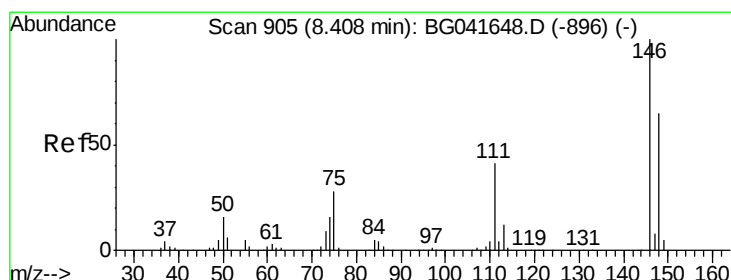
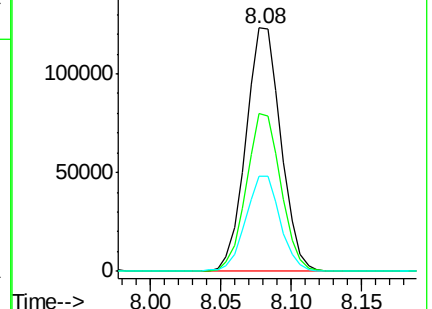
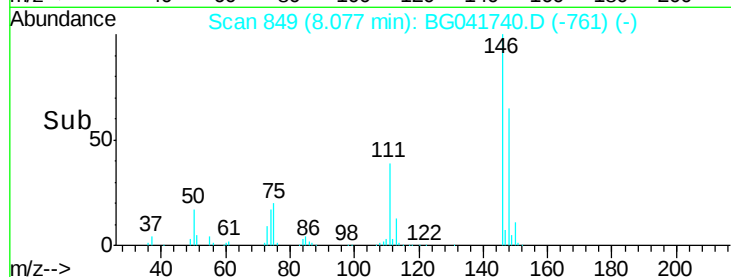
111 38.9 32.5 48.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.299 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

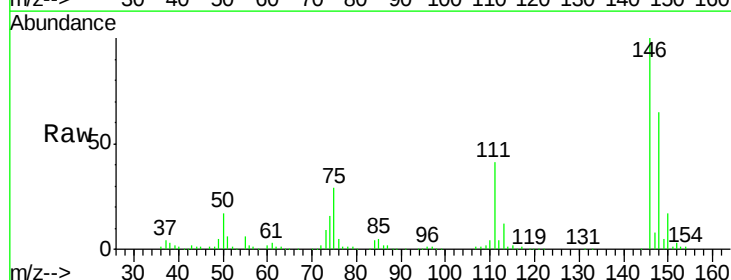
Tgt Ion:146 Resp: 198815

Ion Ratio Lower Upper

146 100

148 64.6 53.5 80.3

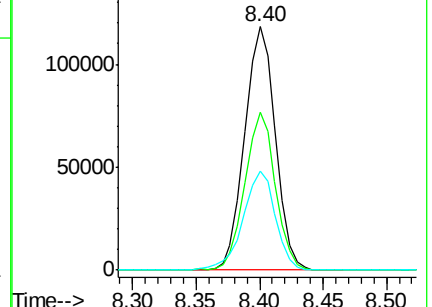
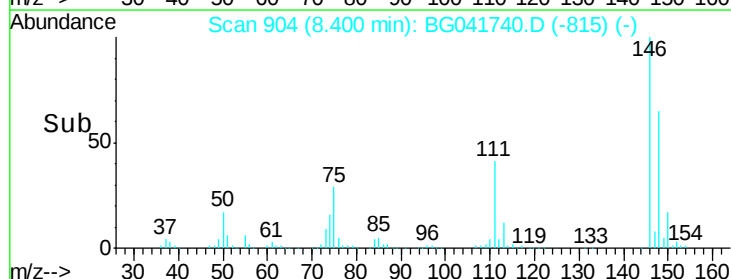
111 40.5 35.4 53.0

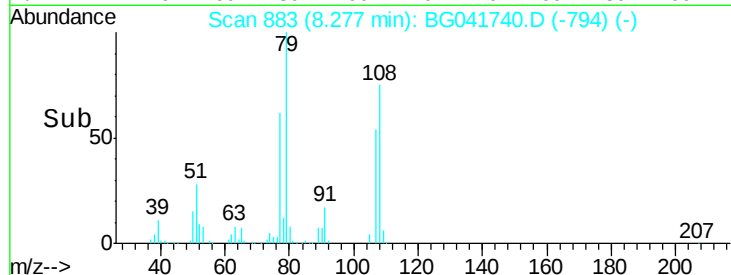
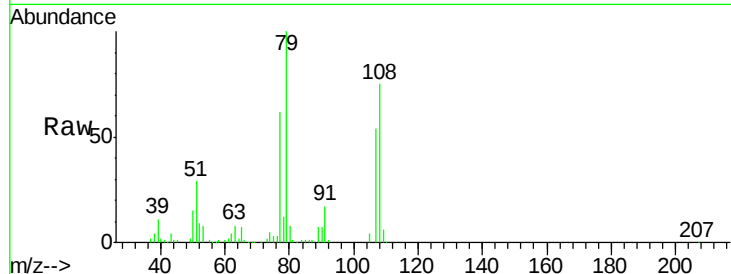
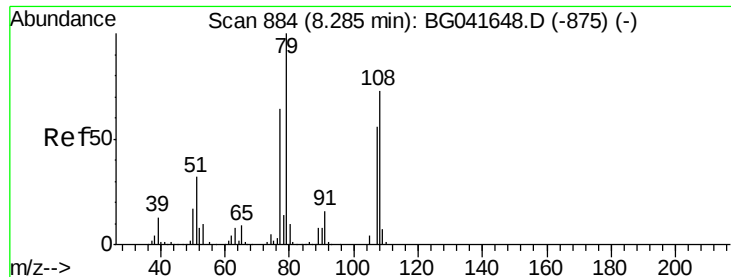


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

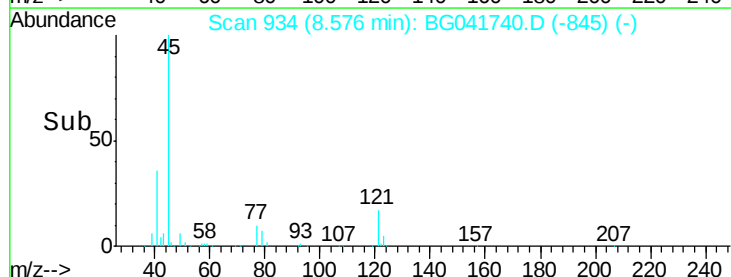
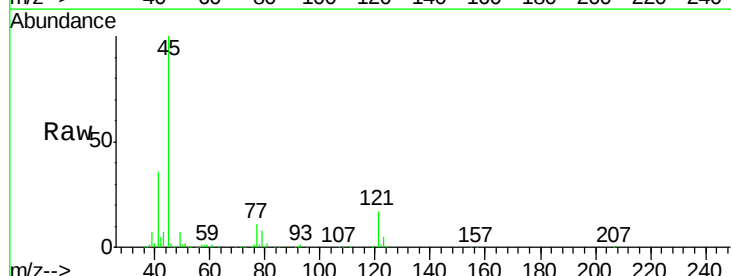
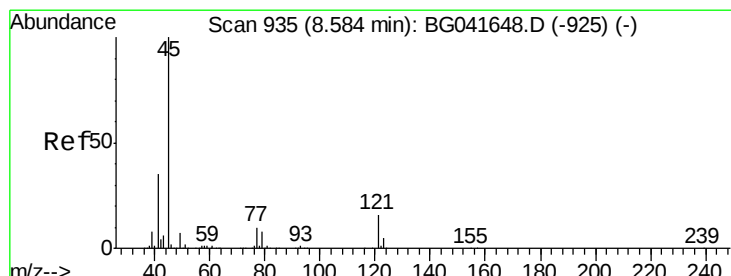
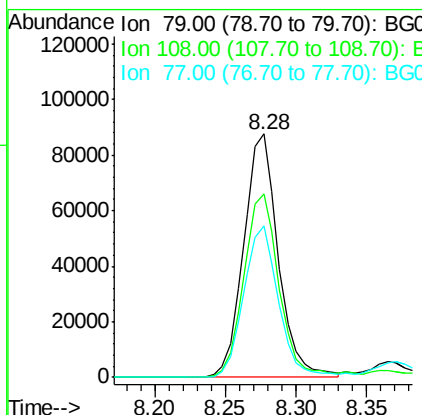




#15
Benzyl Alcohol
Concen: 29.999 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

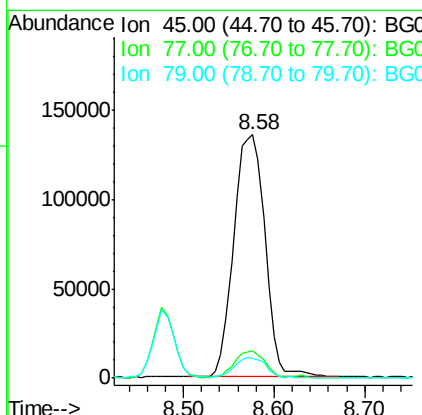
Instrument :
BNA_G
ClientSampleId :

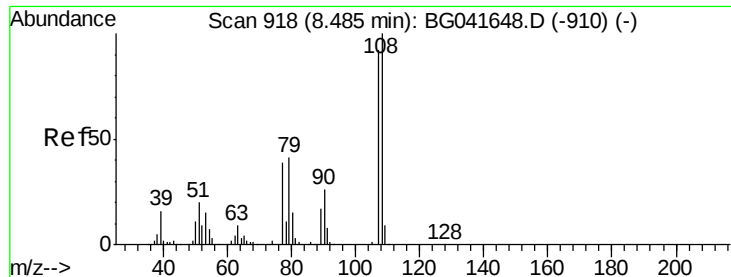
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.5	60.5	90.7
77	62.2	50.6	75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.338 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	30.4
79	8.0	0.0	27.9

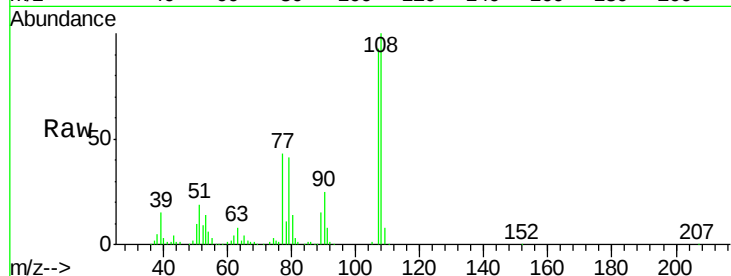




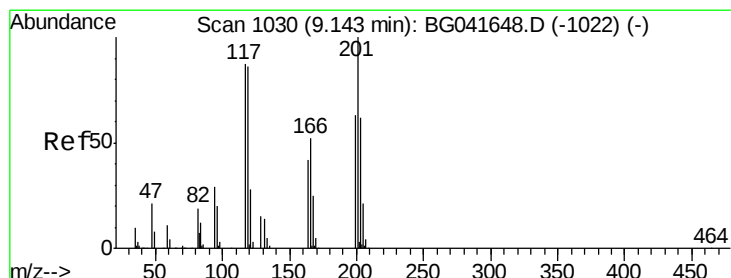
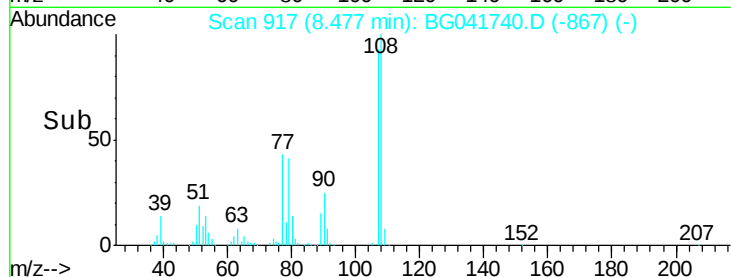
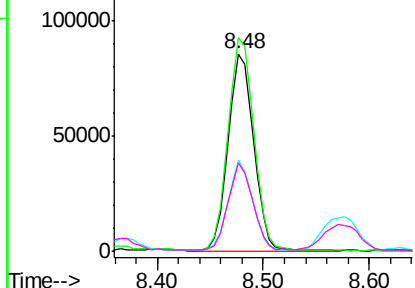
#17
2-Methylphenol
Concen: 31.145 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.0	87.6	131.4
77	46.3	36.1	54.1
79	44.7	36.4	54.6

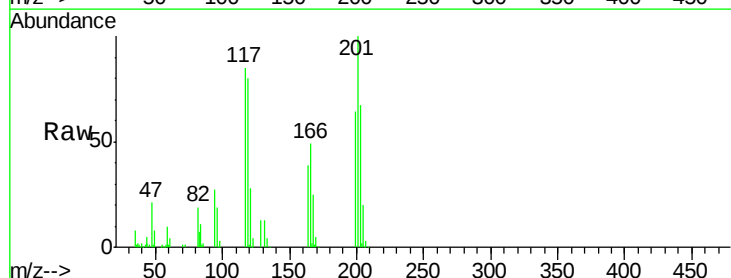


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

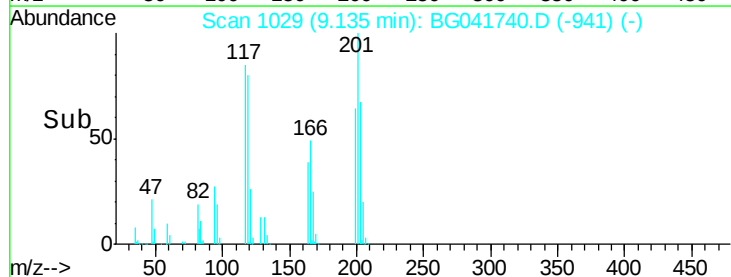
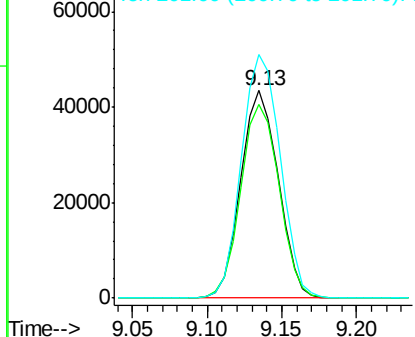


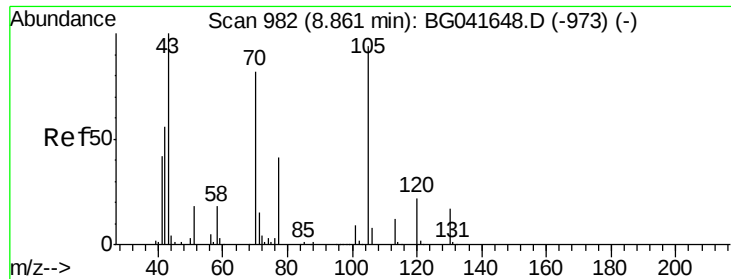
#18
Hexachloroethane
Concen: 32.730 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.2	114.2
201	117.2	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

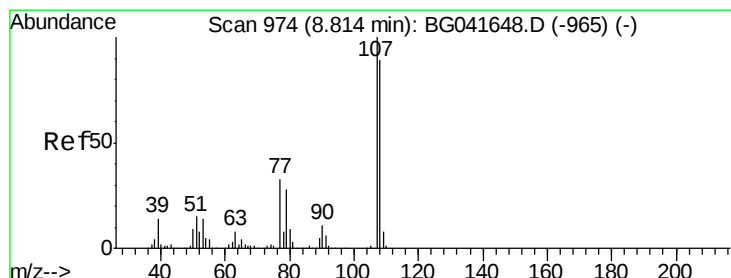
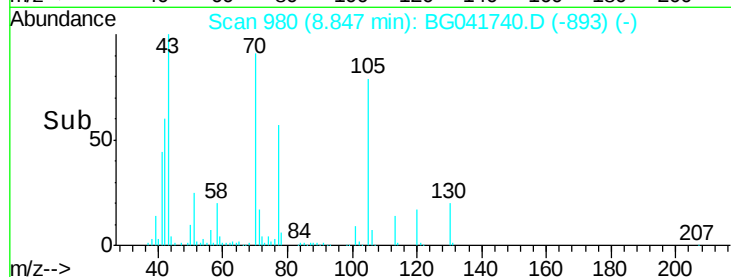
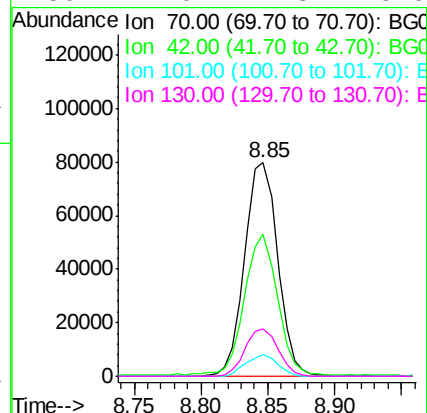
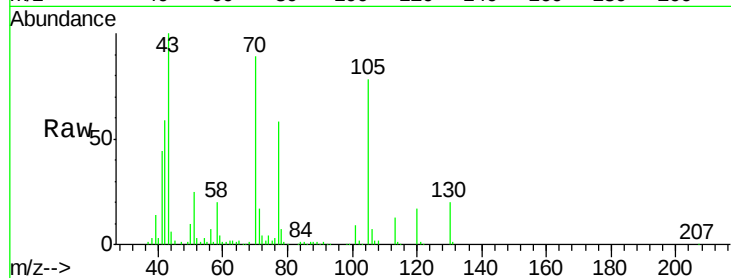




#19
n-Nitroso-di-n-propylamine
Concen: 29.718 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

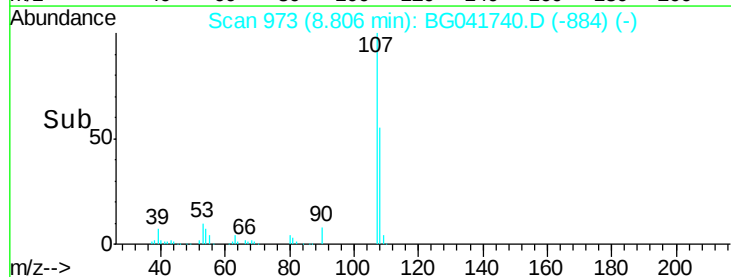
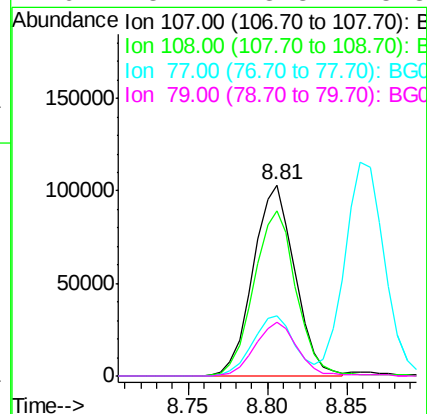
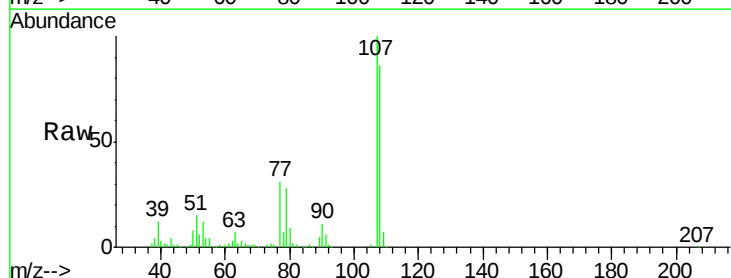
Instrument :
BNA_G
ClientSampleId :

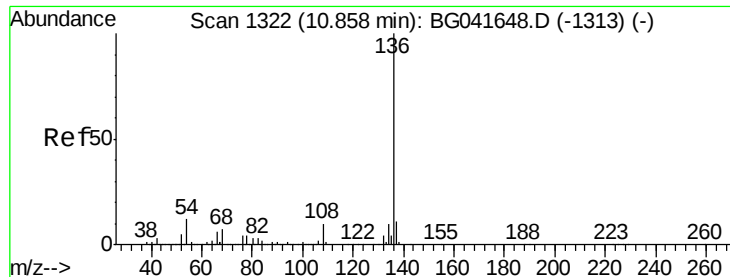
Tot Ion: 70 Resp: 136768
Ion Ratio Lower Upper
70 100
42 66.8 55.8 83.6
101 10.2 8.1 12.1
130 22.0 17.3 25.9



#20
3+4-Methylphenols
Concen: 30.068 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion:107 Resp: 189032
Ion Ratio Lower Upper
107 100
108 86.5 67.5 107.5
77 31.3 12.3 52.3
79 28.4 8.3 48.3

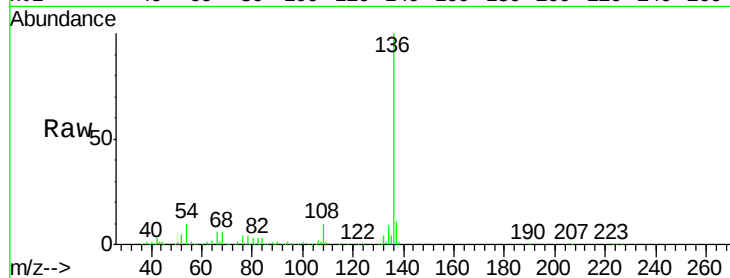




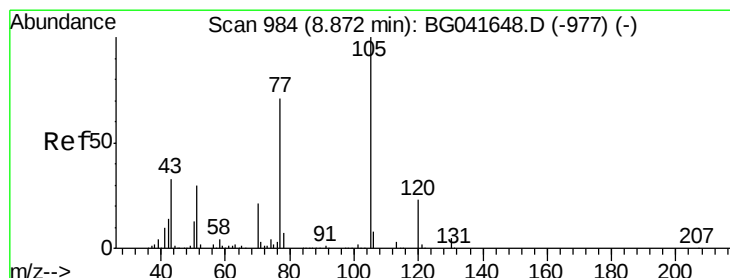
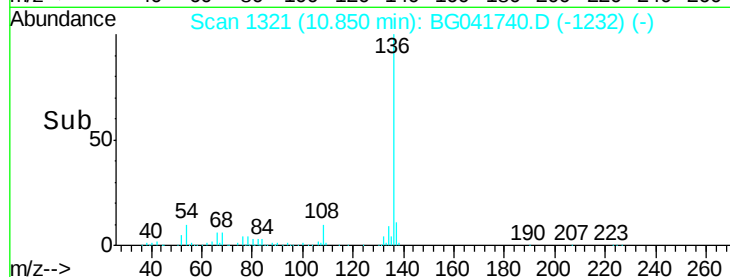
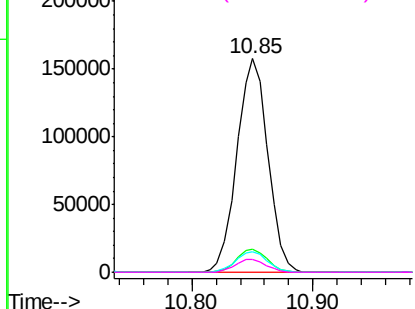
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 281820
Ion Ratio	Lower Upper
136 100	
137 10.8	9.2 13.8
54 9.9	8.7 13.1
68 5.9	5.5 8.3

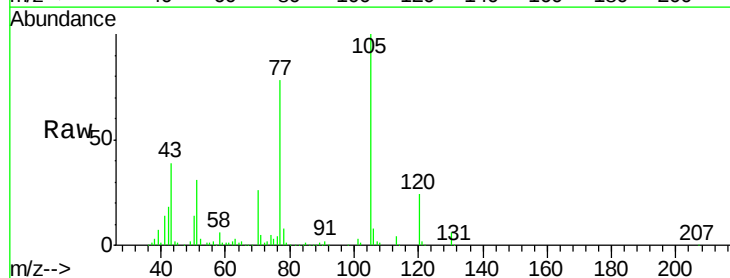


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

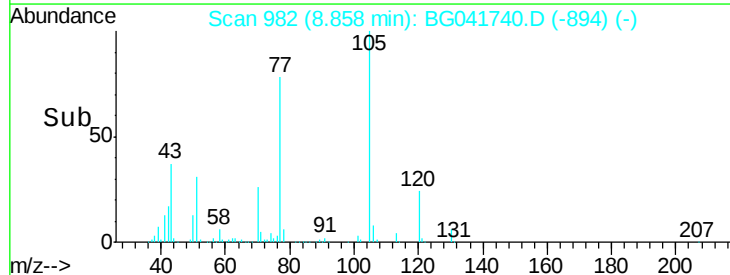
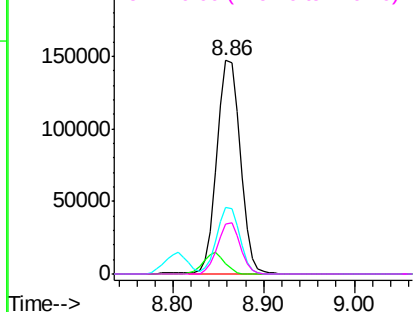


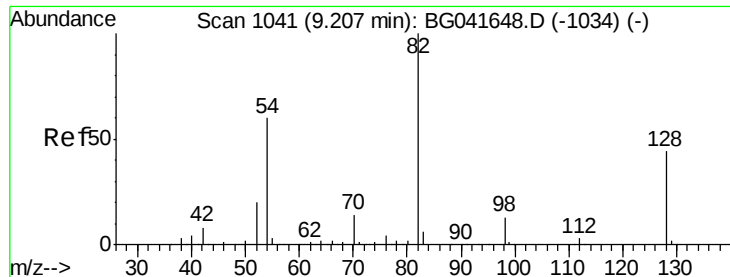
#22
Acetophenone
Concen: 38.541 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt	Ion:105	Resp:	264543
Ion	Ratio	Lower	Upper
105	100		
71	4.6	5.9	8.9#
51	31.4	27.7	41.5
120	23.6	19.3	28.9



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

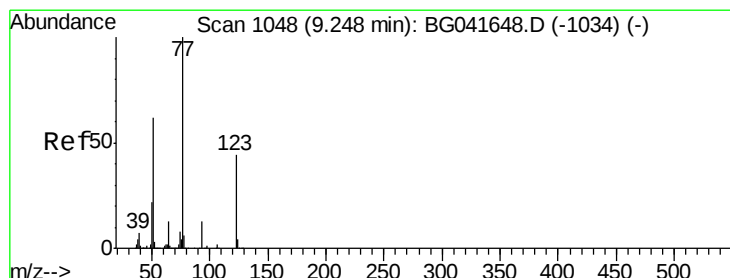
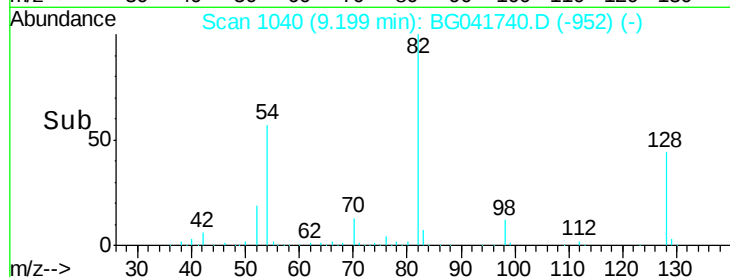
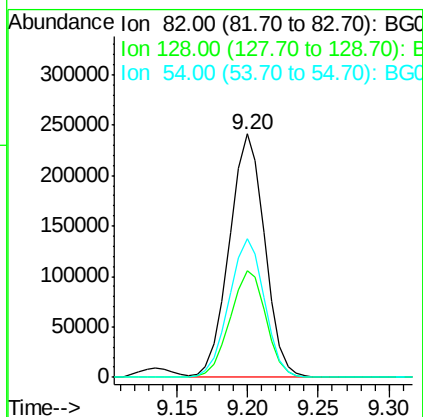
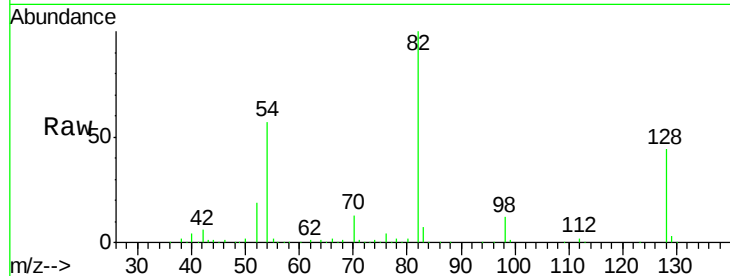




#23
 Nitrobenzene-d5
 Concen: 90.898 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

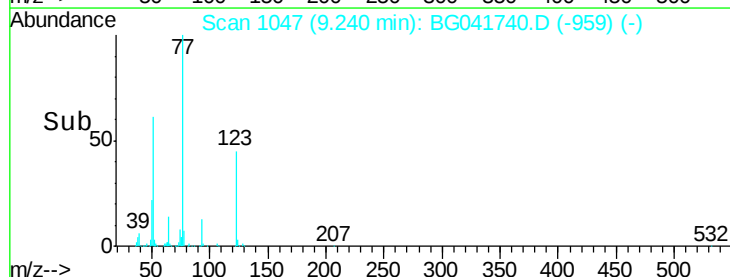
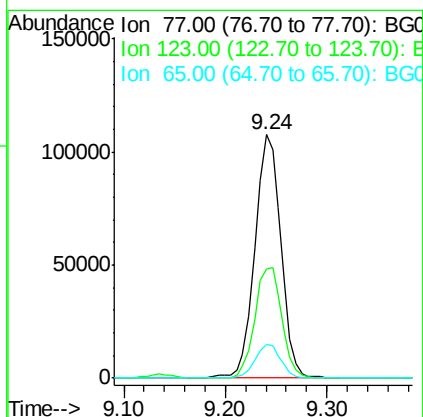
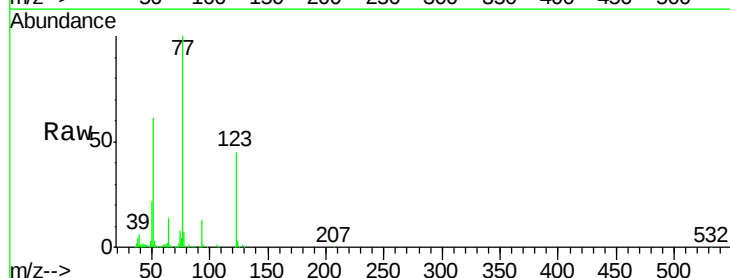
Instrument :
 BNA_G
 ClientSampleId :

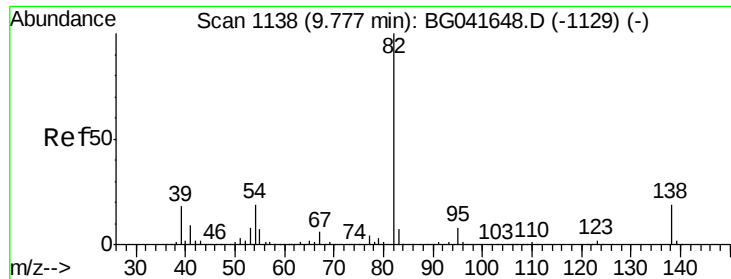
Tot Ion: 82 Resp: 421224
 Ion Ratio Lower Upper
 82 100
 128 43.8 35.1 52.7
 54 56.8 48.7 73.1



#24
 Nitrobenzene
 Concen: 38.105 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

Tgt Ion: 77 Resp: 192628
 Ion Ratio Lower Upper
 77 100
 123 44.9 38.1 57.1
 65 13.6 11.0 16.6





#25

Isophorone

Concen: 34.336 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

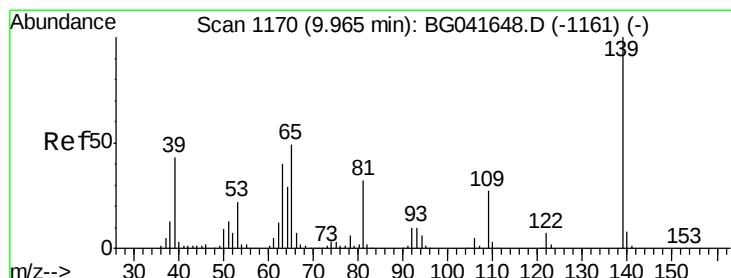
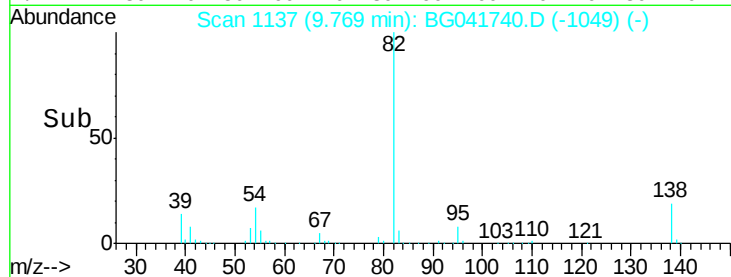
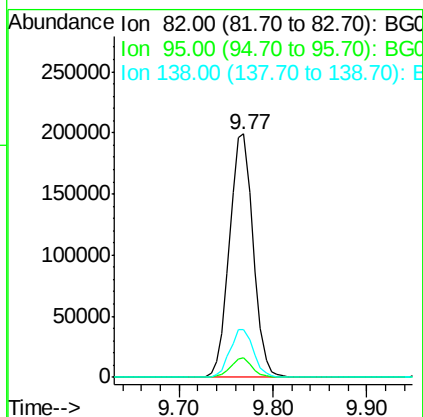
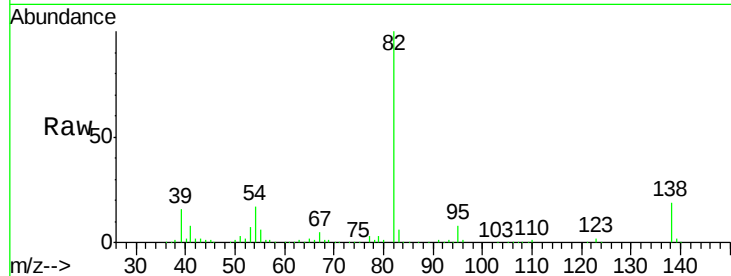
Tot Ion: 82 Resp: 348419

Ion Ratio Lower Upper

82 100

95 8.1 5.9 8.9

138 19.4 16.3 24.5



#26

2-Nitrophenol

Concen: 41.654 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

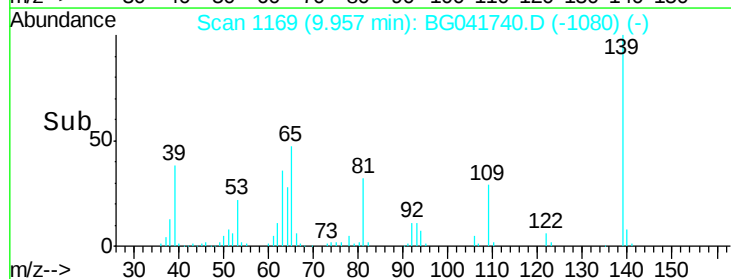
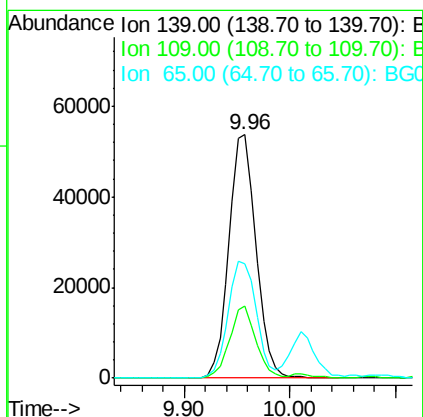
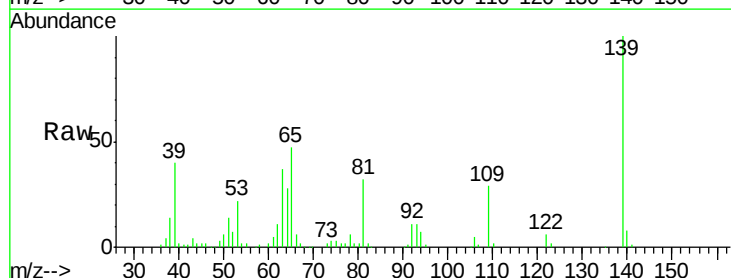
Tgt Ion: 139 Resp: 95018

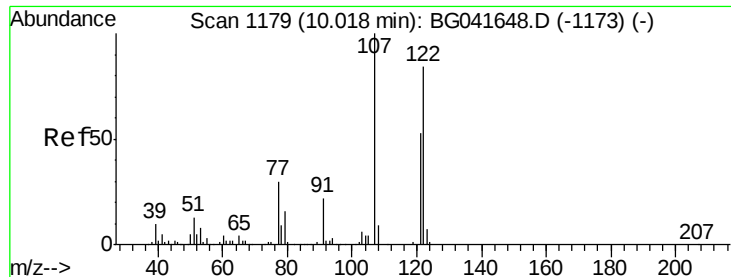
Ion Ratio Lower Upper

139 100

109 29.4 22.7 34.1

65 47.2 41.1 61.7

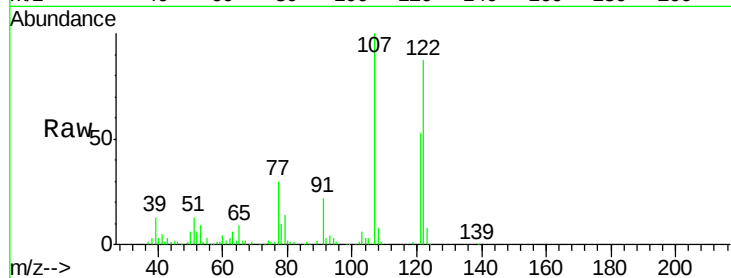




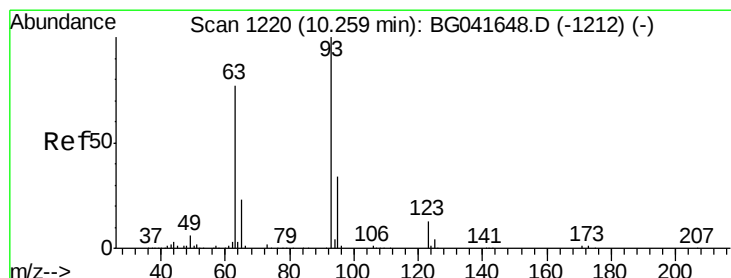
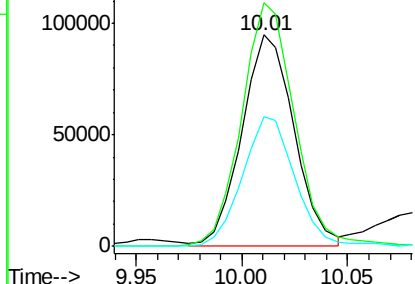
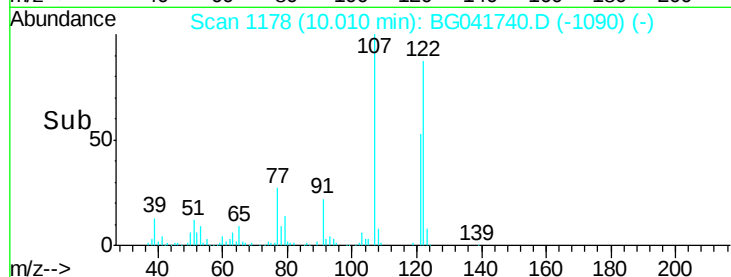
#27
 2,4-Dimethylphenol
 Concen: 40.334 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	122	Resp	161937
Ion Ratio	Lower	Upper	
122	100		
107	115.2	91.3	136.9
121	61.6	49.2	73.8

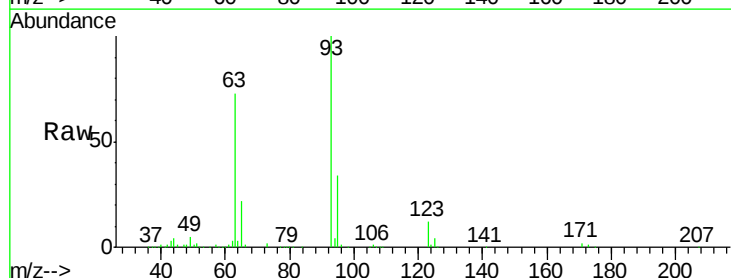


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

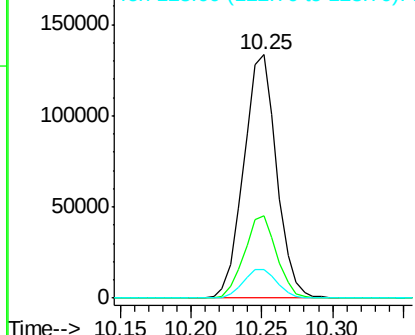
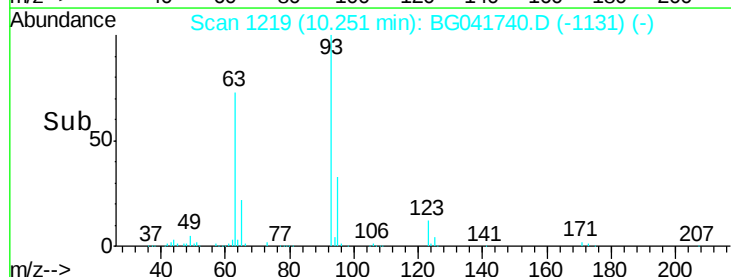


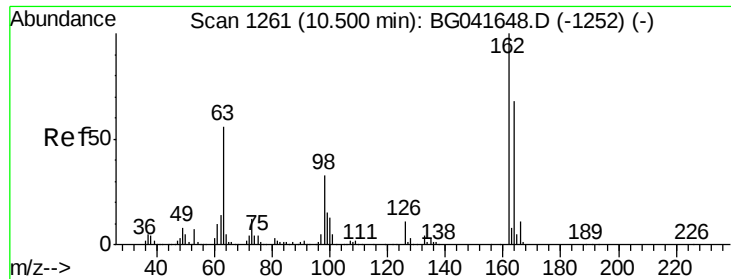
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.828 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

Tgt Ion	93	Resp	217817
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.2	39.4
123	12.0	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

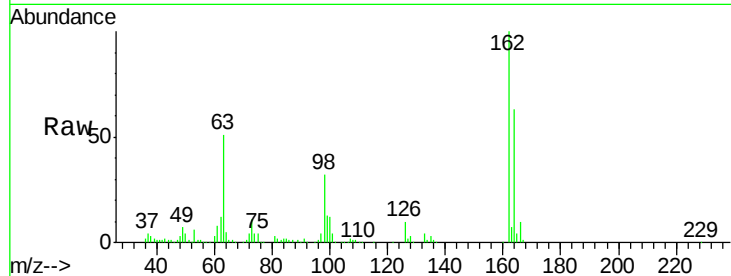




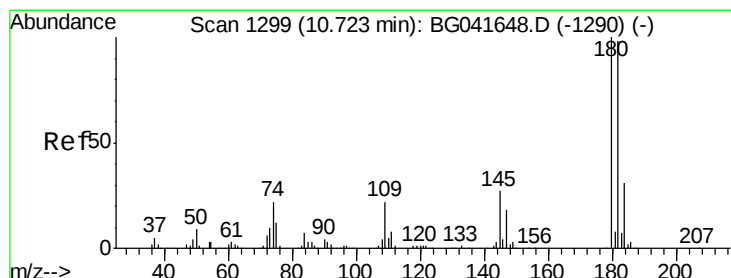
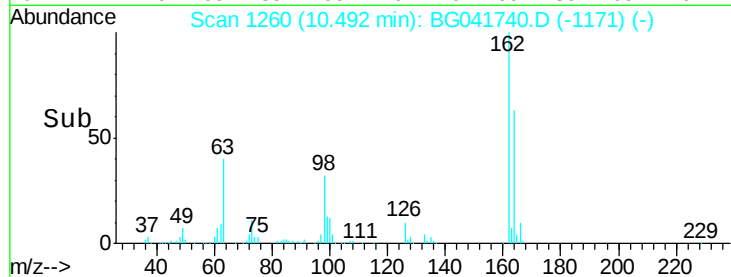
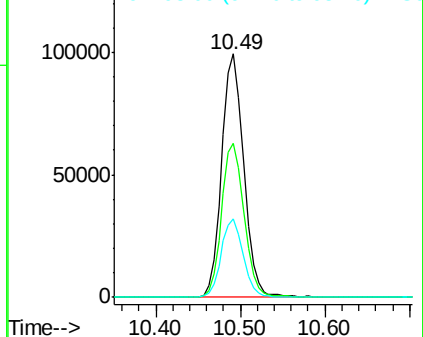
#29
2,4-Dichlorophenol
Concen: 39.501 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 180818
Ion Ratio Lower Upper
162 100
164 63.3 46.1 86.1
98 32.4 14.7 54.7

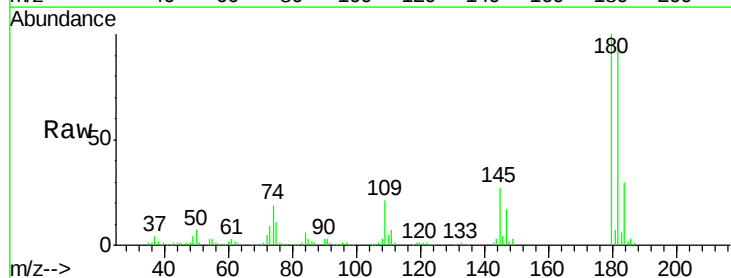


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

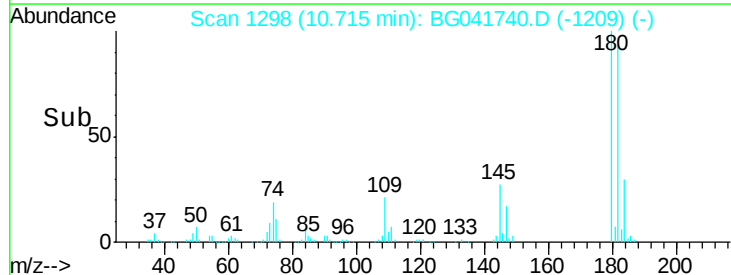
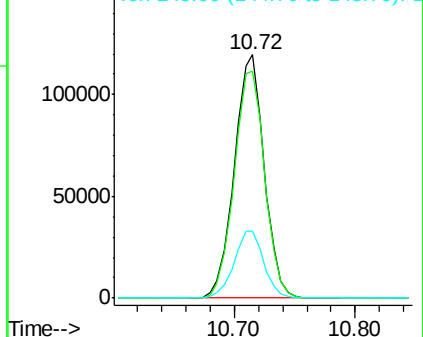


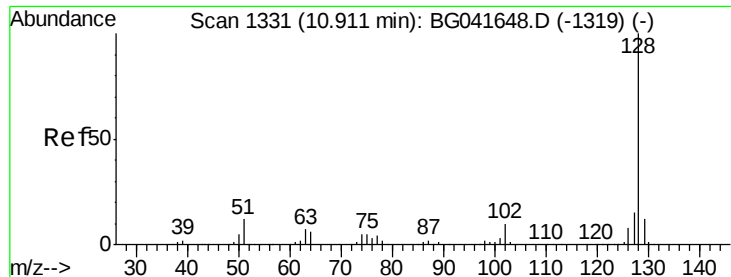
#30
1,2,4-Trichlorobenzene
Concen: 38.167 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion:180 Resp: 205134
Ion Ratio Lower Upper
180 100
182 93.5 76.2 114.2
145 27.5 23.8 35.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.743 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

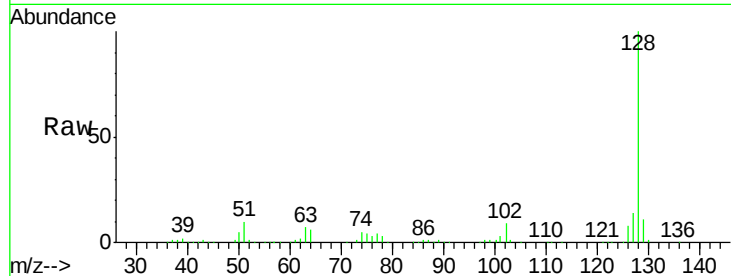
Tot Ion:128 Resp: 537539

Ion Ratio Lower Upper

128 100

129 10.9 10.0 15.0

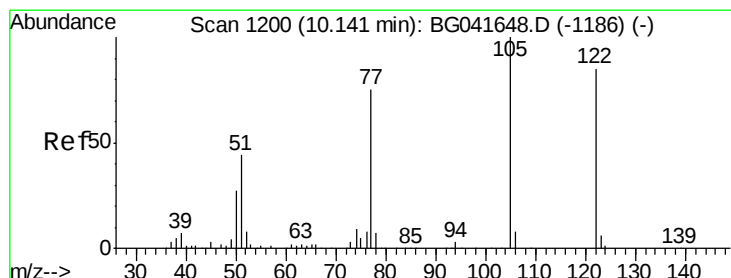
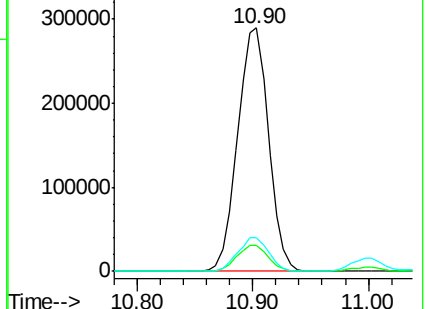
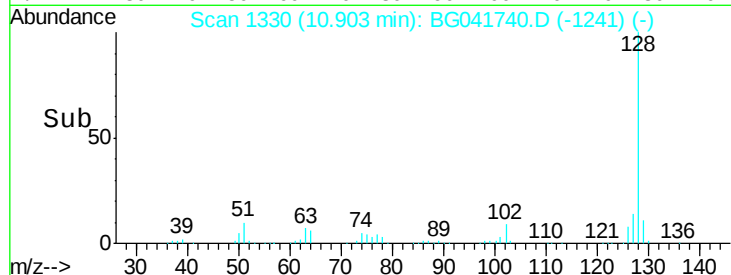
127 14.0 12.3 18.5



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: 18.813 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.08 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

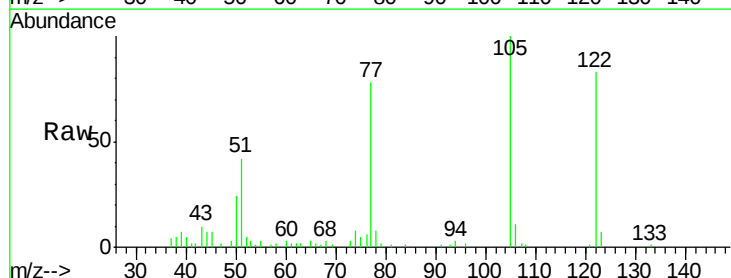
Tgt Ion:122 Resp: 44603

Ion Ratio Lower Upper

122 100

105 120.6 101.5 141.5

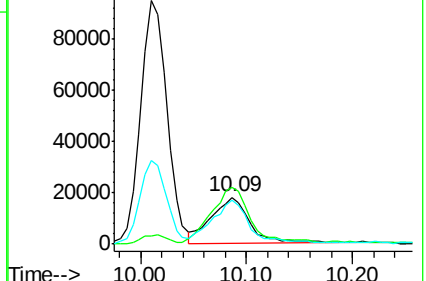
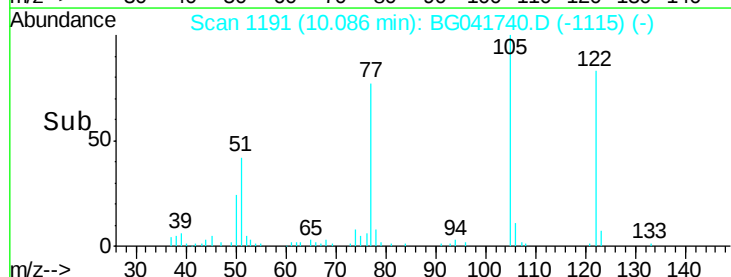
77 93.7 73.0 113.0

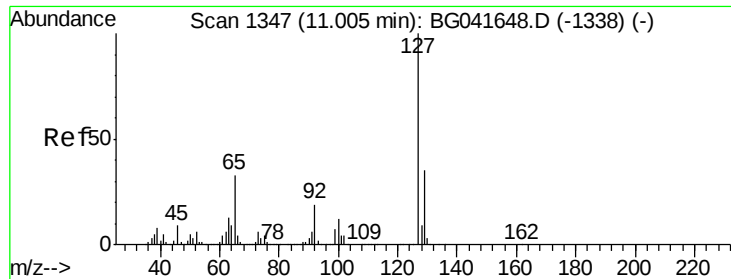


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

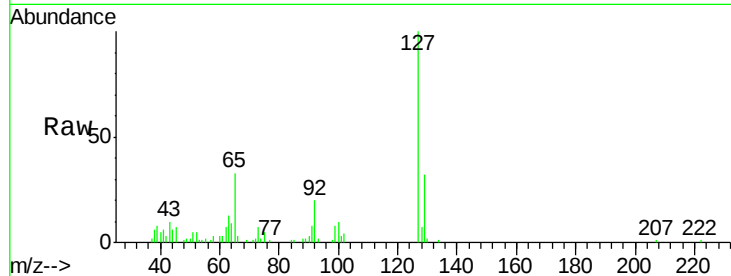




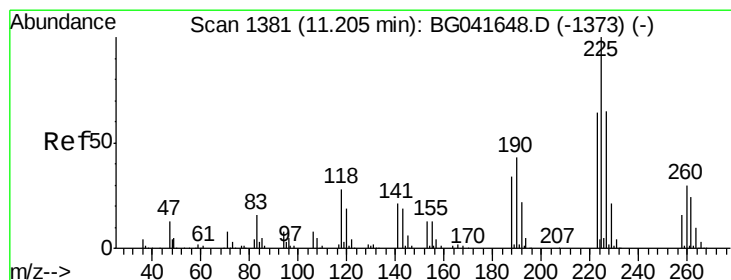
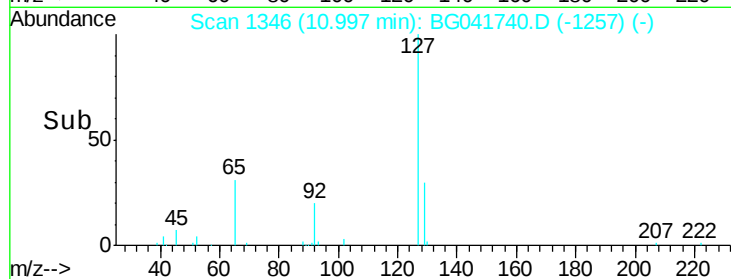
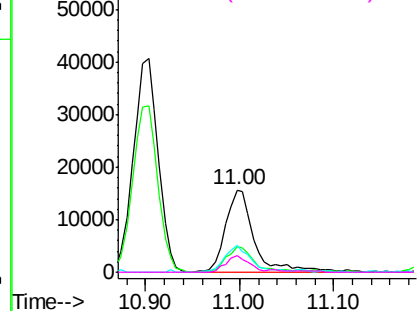
#33
4-Chloroaniline
Concen: 5.192 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 33231
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.8
65 33.1 26.7 40.1
92 20.1 15.4 23.0

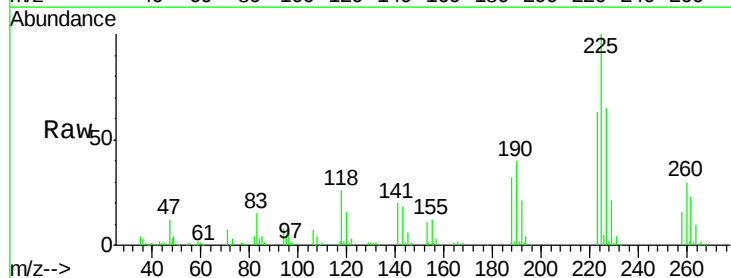


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

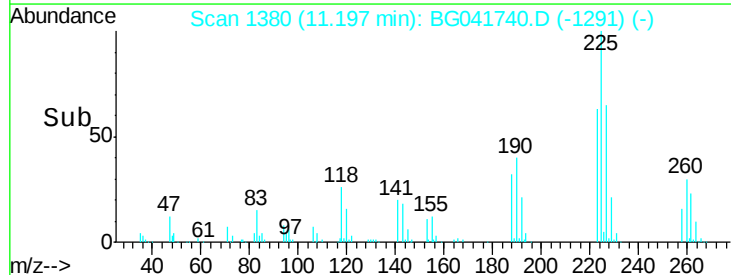
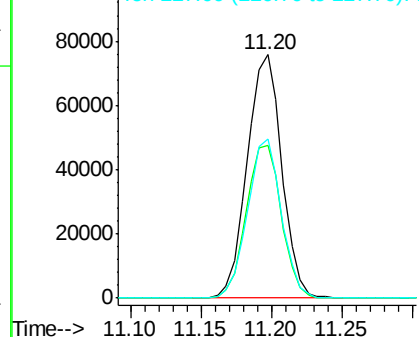


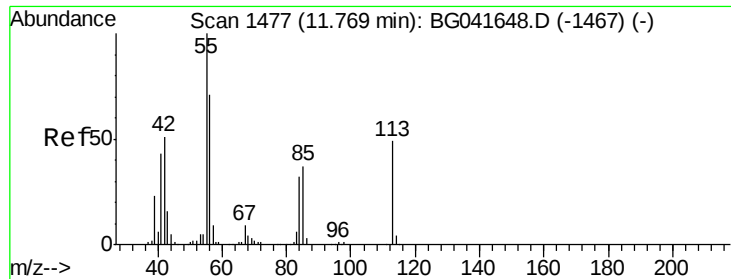
#34
Hexachlorobutadiene
Concen: 37.611 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion:225 Resp: 129928
Ion Ratio Lower Upper
225 100
223 63.0 51.1 76.7
227 65.5 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: 28.788 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.04 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

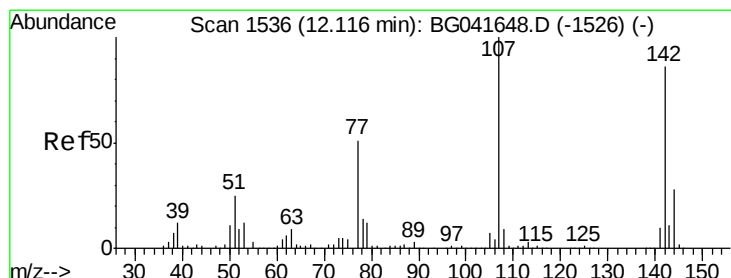
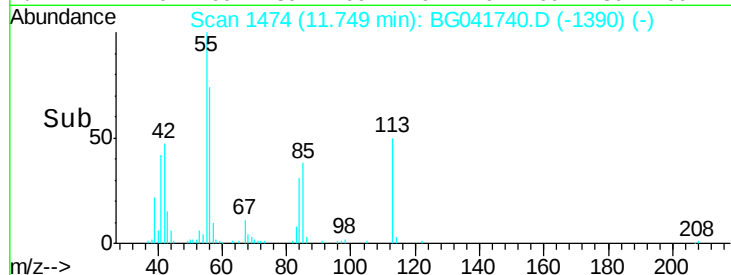
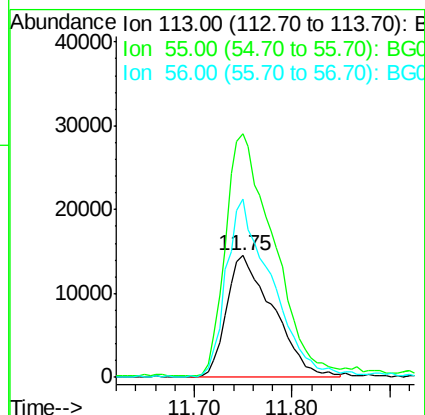
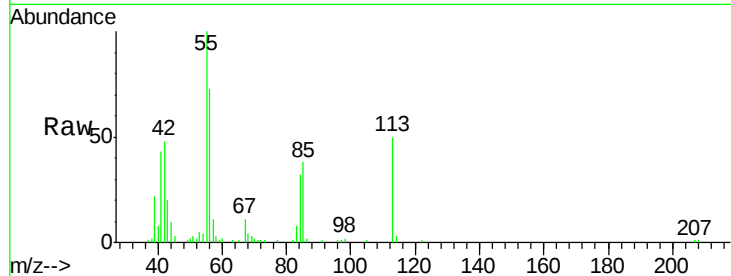
Tot Ion:113 Resp: 48436

Ion Ratio Lower Upper

113 100

55 200.0 199.4 239.4

56 146.6 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 36.246 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

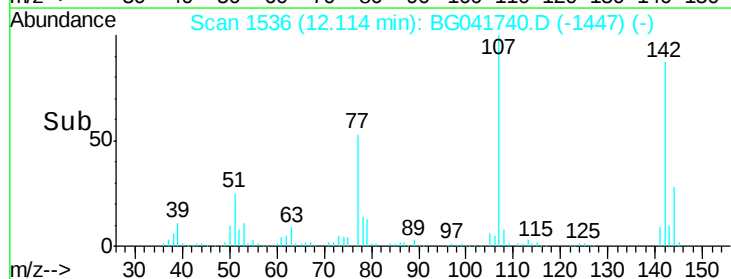
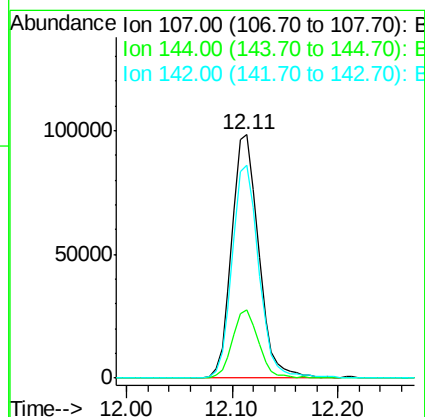
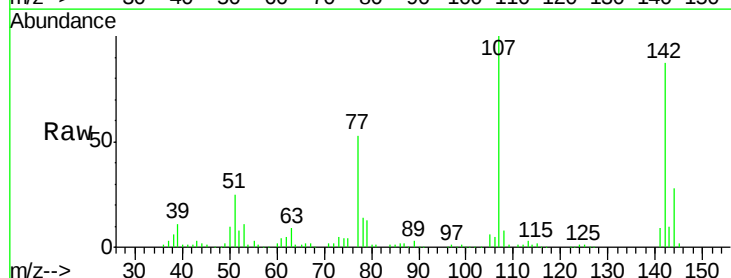
Tgt Ion:107 Resp: 173815

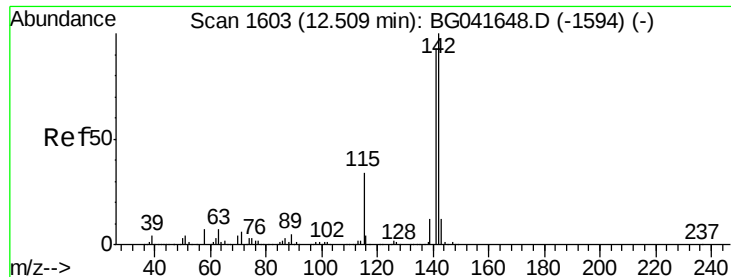
Ion Ratio Lower Upper

107 100

144 28.0 22.2 33.2

142 87.2 67.3 100.9

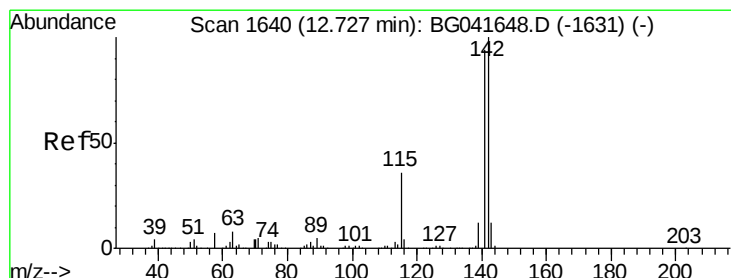
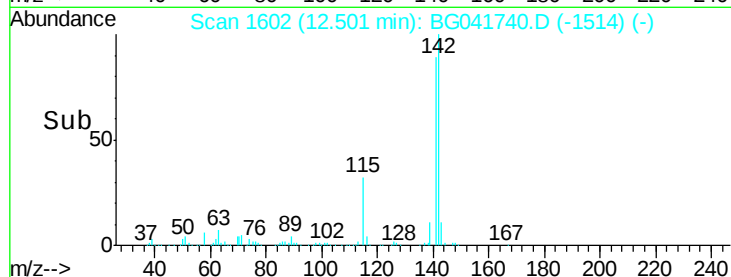
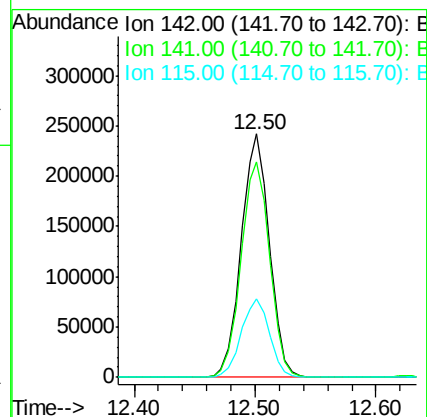
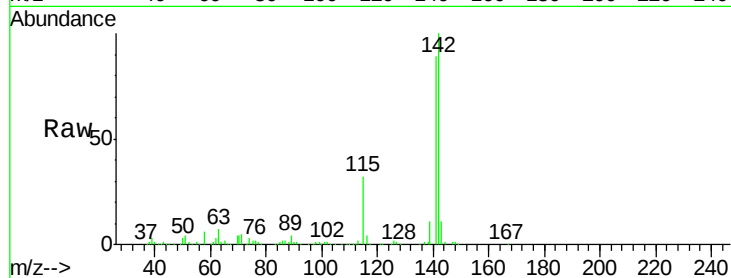




#37
2-Methylnaphthalene
Concen: 37.015 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

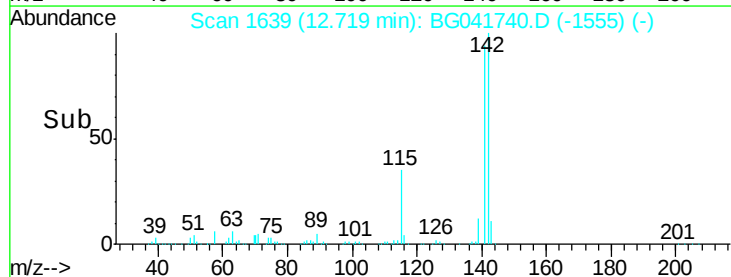
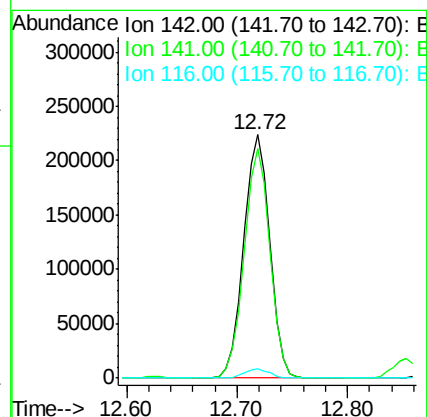
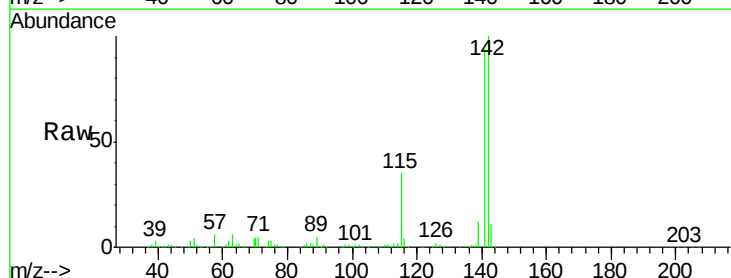
Instrument :
BNA_G
ClientSampleId :

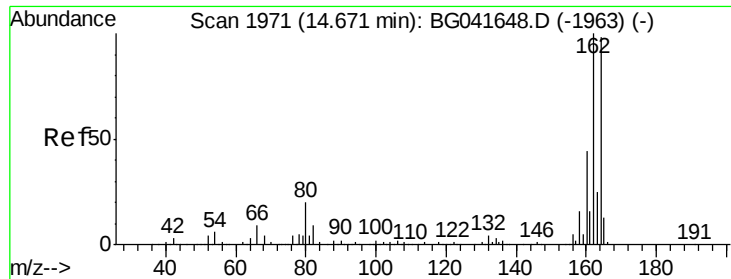
Tot Ion:142 Resp: 392365
Ion Ratio Lower Upper
142 100
141 88.6 72.7 109.1
115 32.0 27.0 40.4



#38
1-Methylnaphthalene
Concen: 36.777 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion:142 Resp: 371659
Ion Ratio Lower Upper
142 100
141 94.1 75.4 113.2
116 3.8 3.2 4.8

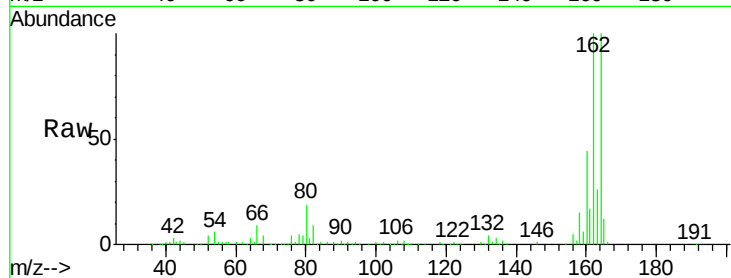




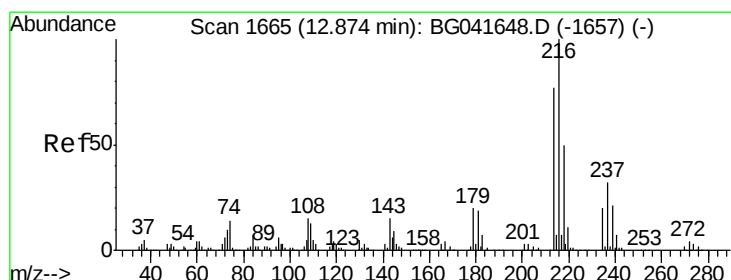
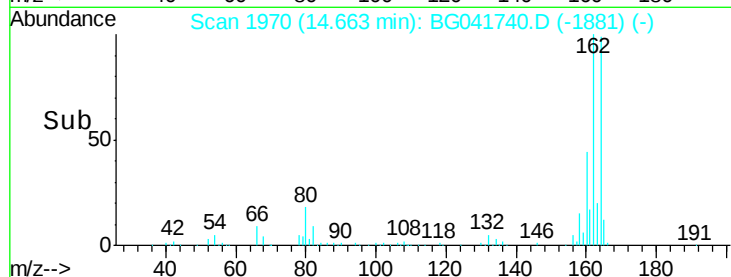
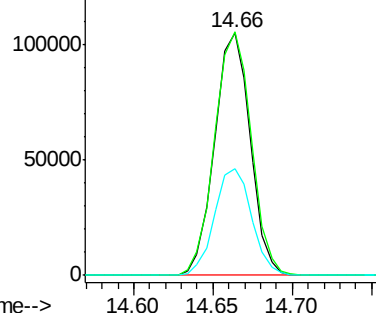
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:164 Resp: 163611
Ion Ratio Lower Upper
164 100
162 100.2 79.6 119.4
160 43.9 35.4 53.0

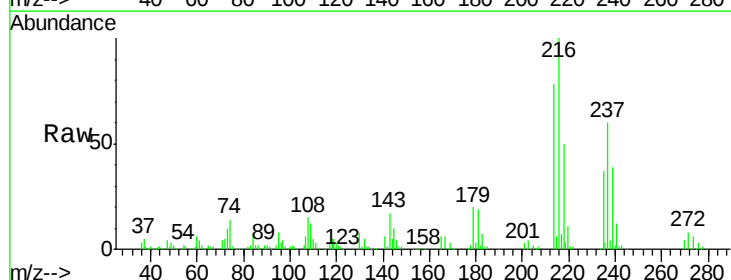


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

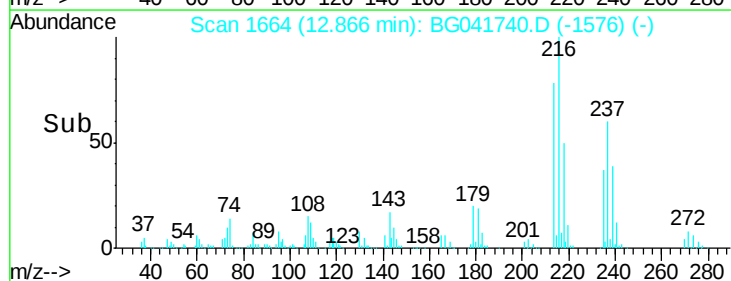
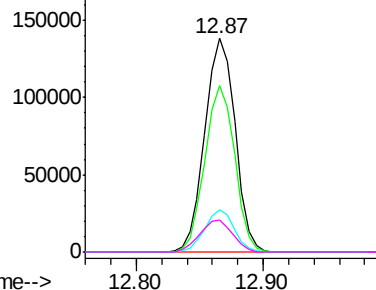


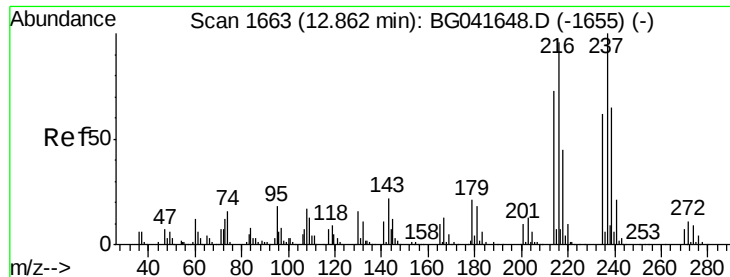
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.806 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion:216 Resp: 228689
Ion Ratio Lower Upper
216 100
214 76.5 61.5 92.3
179 19.3 16.2 24.2
108 16.2 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

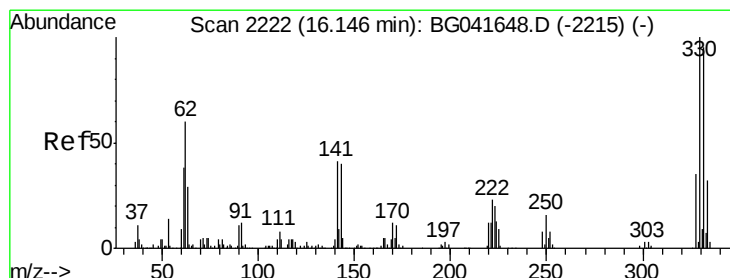
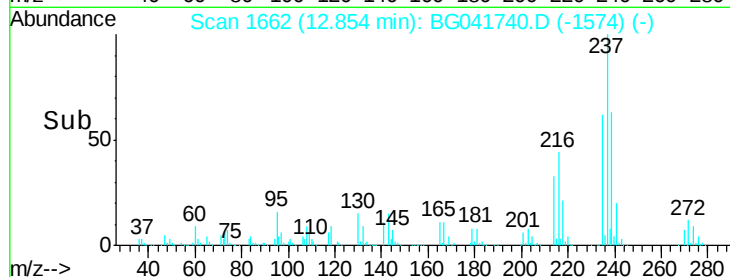
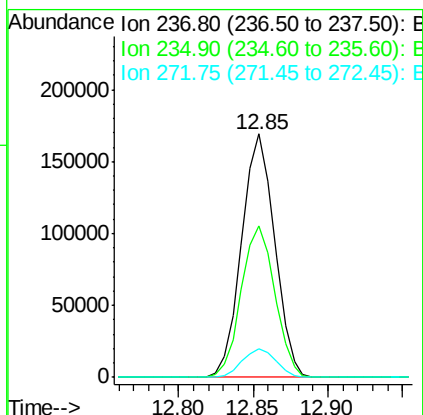
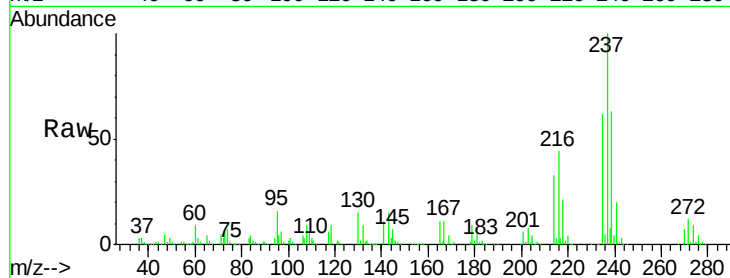




#41
Hexachlorocyclopentadiene
Concen: 81.940 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

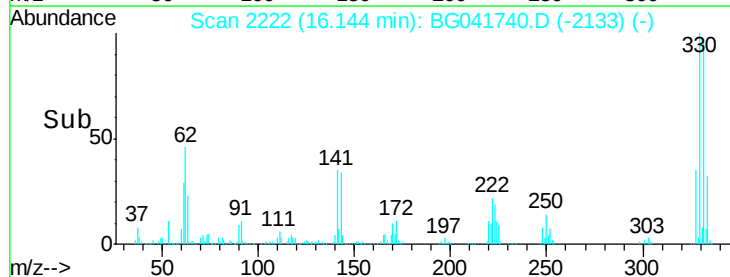
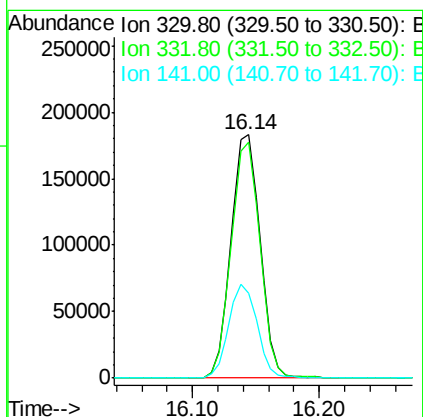
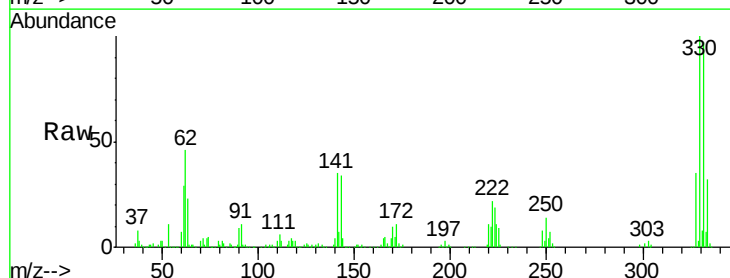
Instrument :
BNA_G
ClientSampleId :

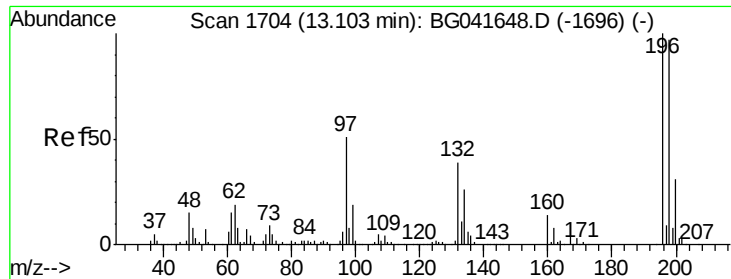
Tot Ion:237 Resp: 259769
Ion Ratio Lower Upper
237 100
235 62.5 43.5 83.5
272 11.9 0.0 31.2



#42
2,4,6-Tribromophenol
Concen: 157.661 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion:330 Resp: 290707
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 37.9 31.9 47.9

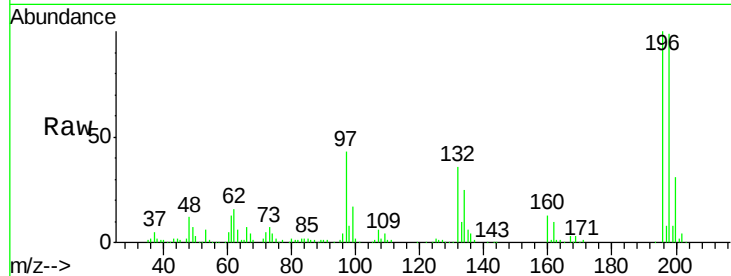




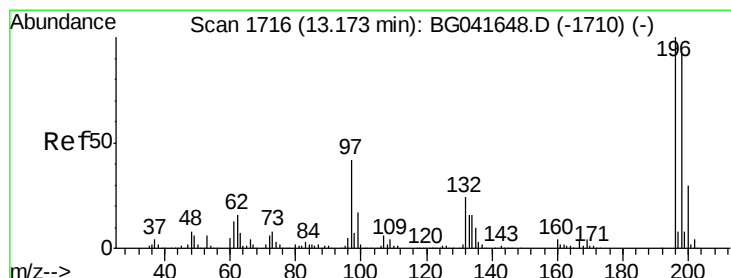
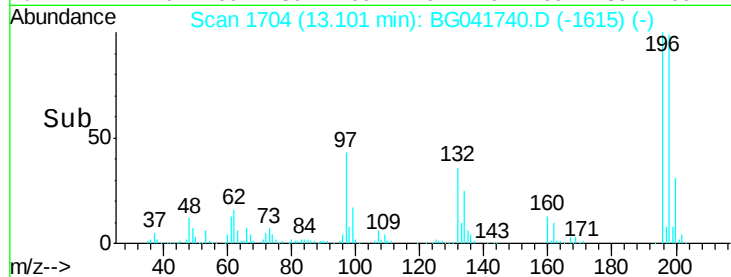
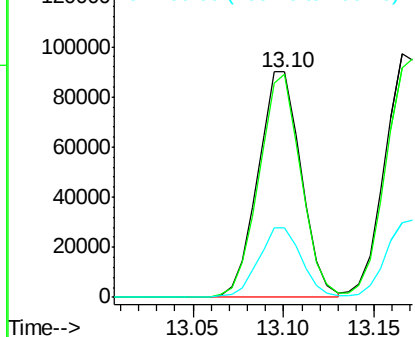
#43
 2,4,6-Trichlorophenol
 Concen: 40.894 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 148912
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.6 119.4
 200 30.9 25.2 37.8

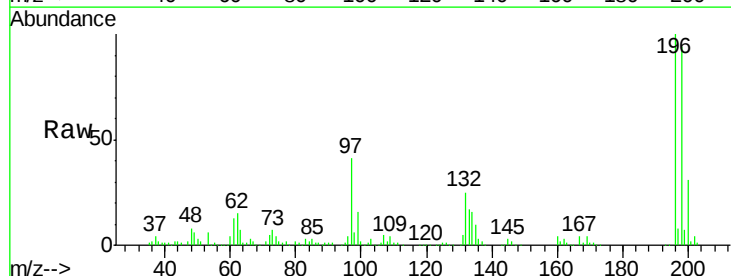


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

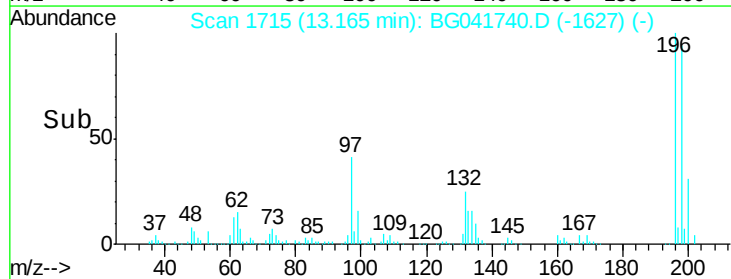
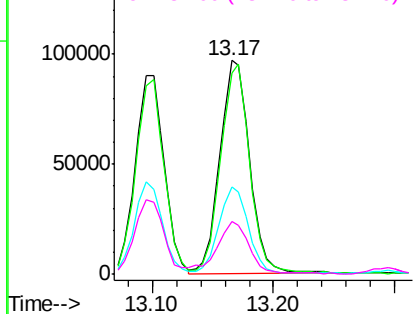


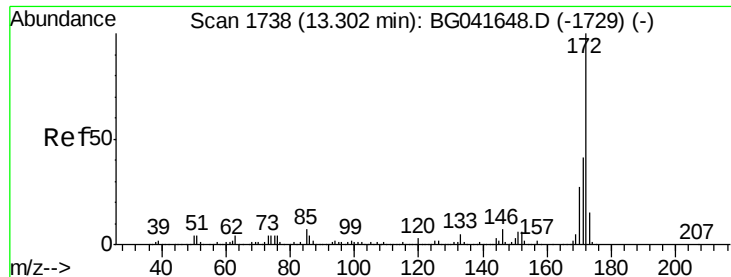
#44
 2,4,5-Trichlorophenol
 Concen: 43.079 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

Tgt Ion:196 Resp: 165278
 Ion Ratio Lower Upper
 196 100
 198 94.0 80.6 121.0
 97 40.7 33.9 50.9
 132 24.7 20.2 30.2



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

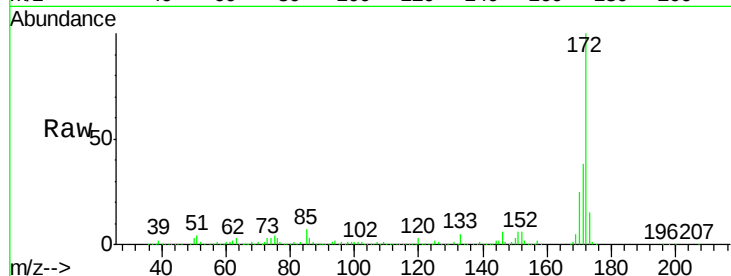




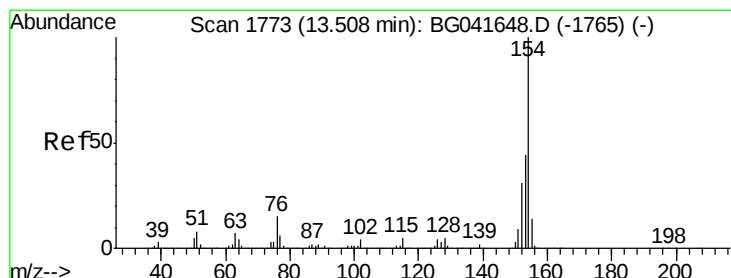
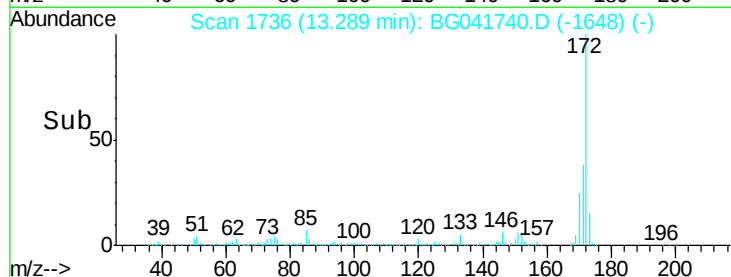
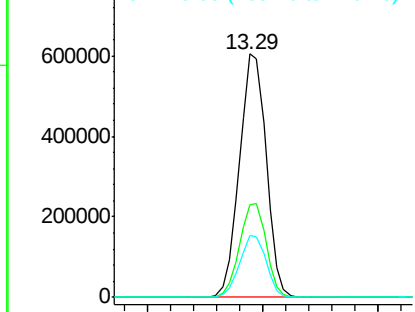
#45
2-Fluorobiphenyl
Concen: 92.143 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 973565
Ion Ratio Lower Upper
172 100
171 38.3 35.0 52.4
170 25.3 23.5 35.3

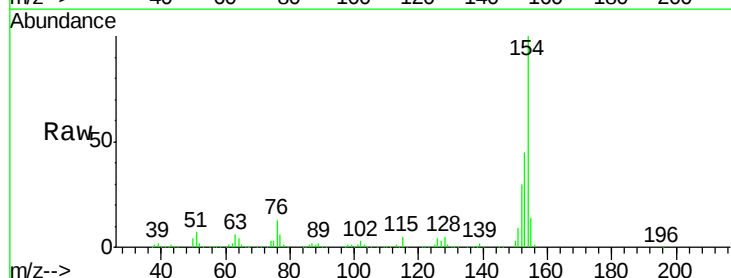


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

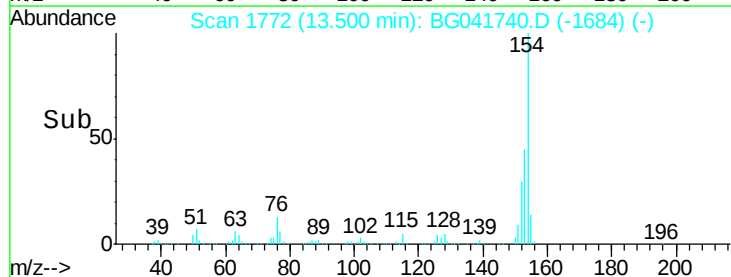
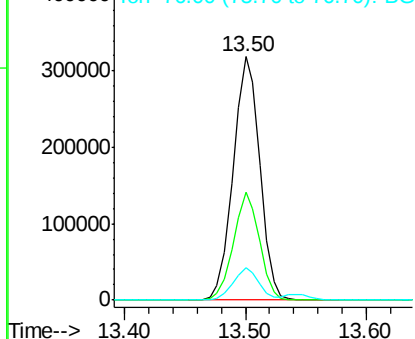


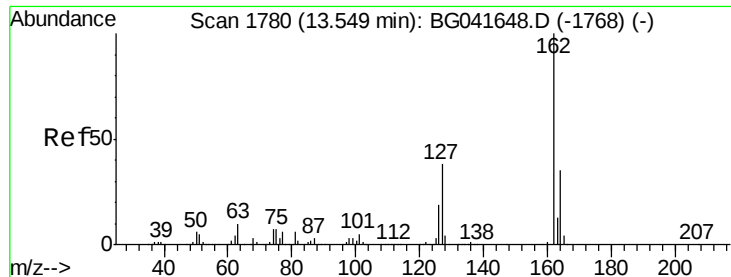
#46
1,1'-Biphenyl
Concen: 39.806 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion:154 Resp: 487922
Ion Ratio Lower Upper
154 100
153 44.6 25.0 65.0
76 13.1 0.0 34.5



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

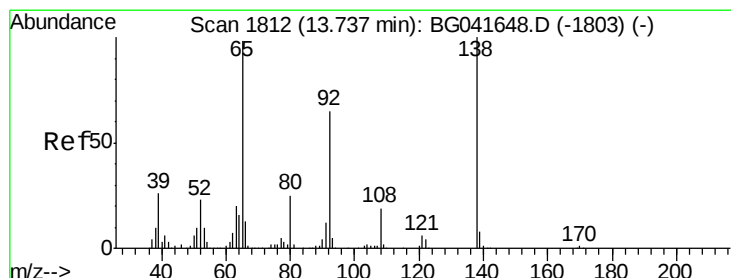
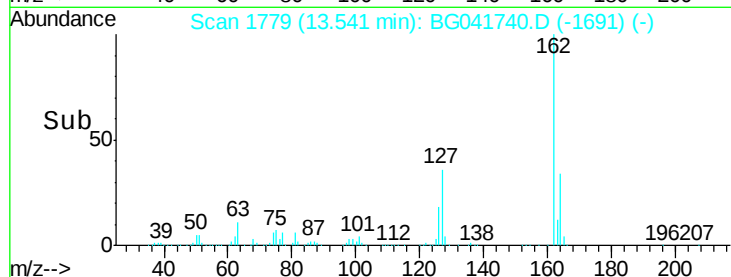
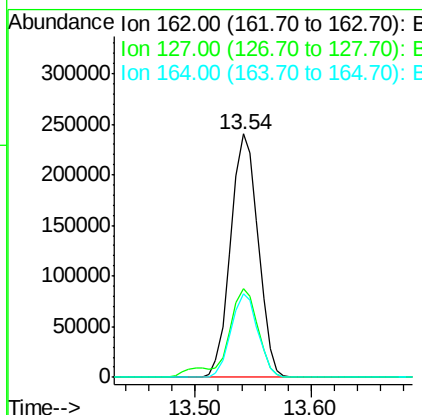
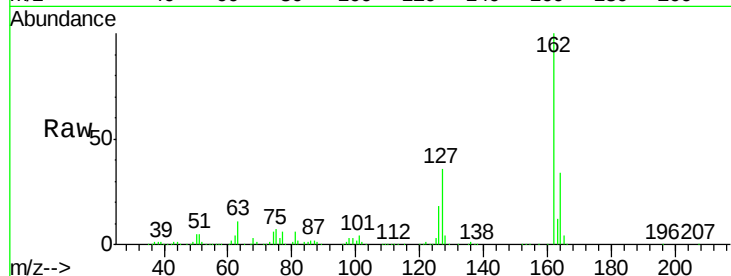




#47
2-Chloronaphthalene
Concen: 38.751 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

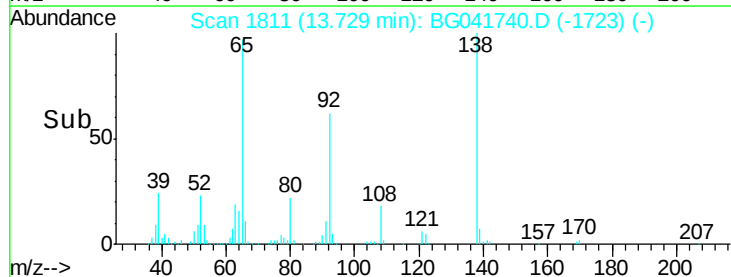
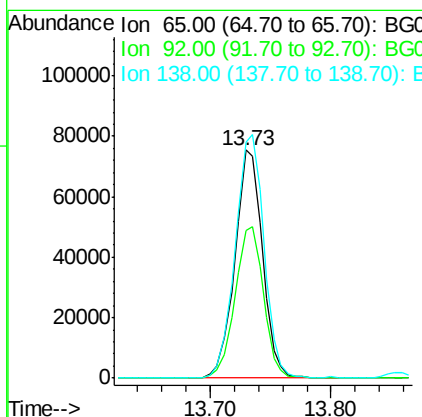
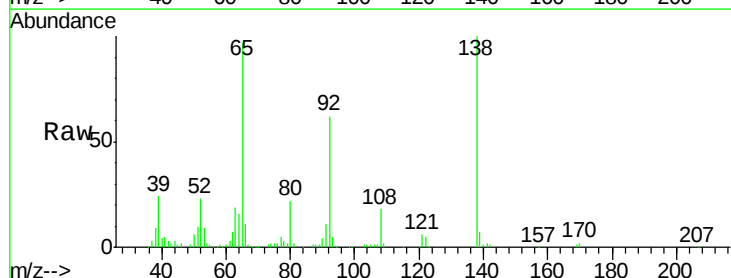
Instrument :
BNA_G
ClientSampleId :

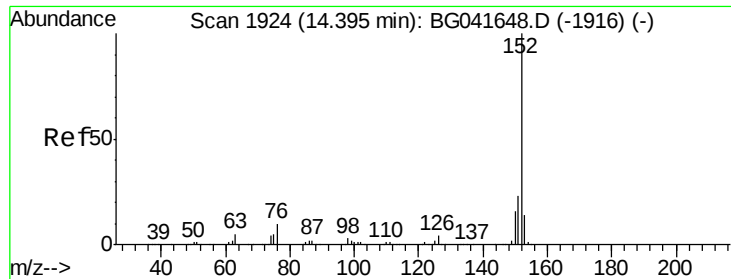
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.5	30.4	45.6
164	34.3	28.6	42.8



#48
2-Nitroaniline
Concen: 40.557 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	53.9	80.9
138	103.3	83.5	125.3





#49

Acenaphthylene

Concen: 39.868 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

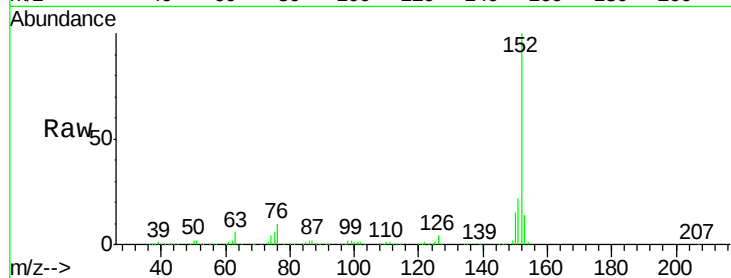
Tot Ion:152 Resp: 635794

Ion Ratio Lower Upper

152 100

151 22.1 18.7 28.1

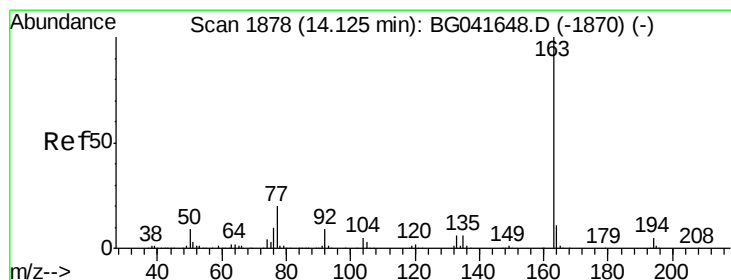
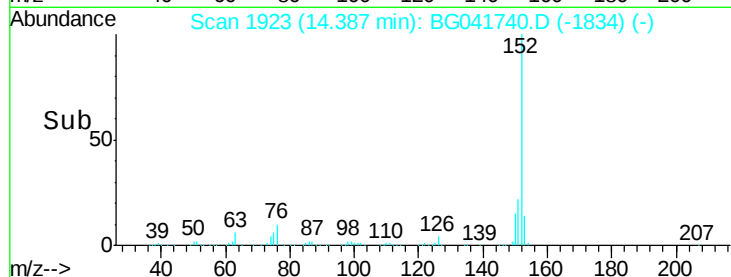
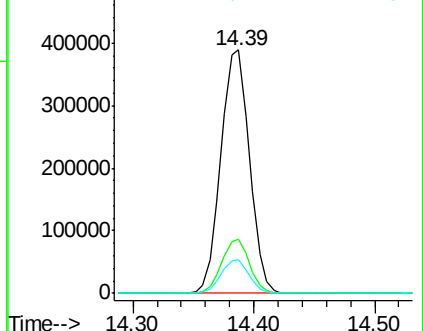
153 13.7 12.4 18.6



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: 42.953 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

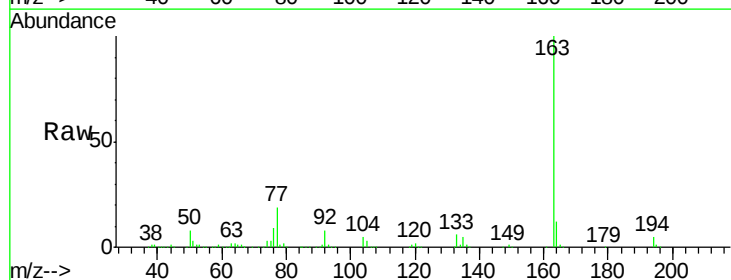
Tgt Ion:163 Resp: 551942

Ion Ratio Lower Upper

163 100

194 4.7 4.2 6.2

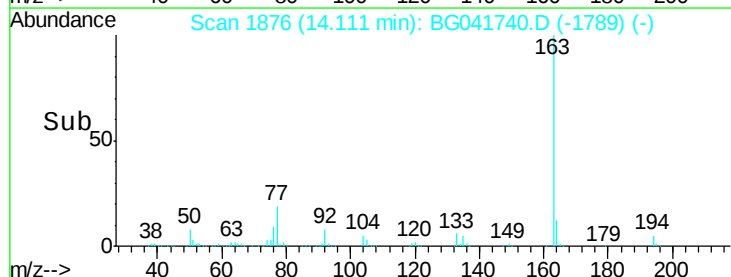
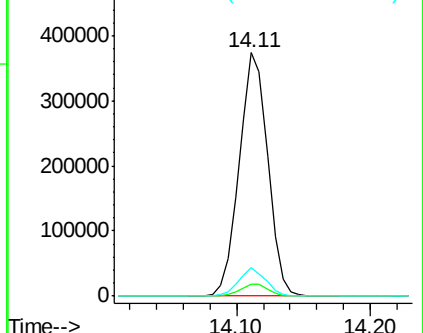
164 11.8 9.4 14.2

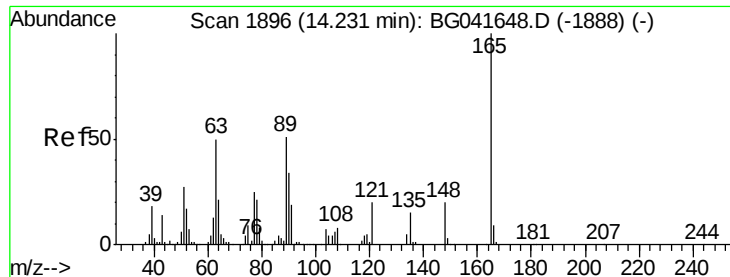


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

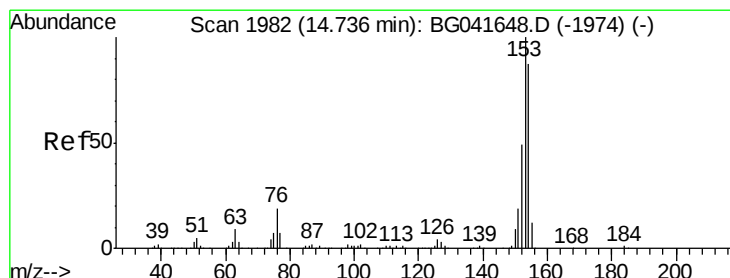
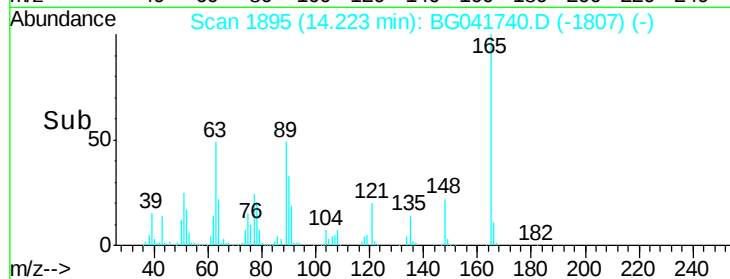
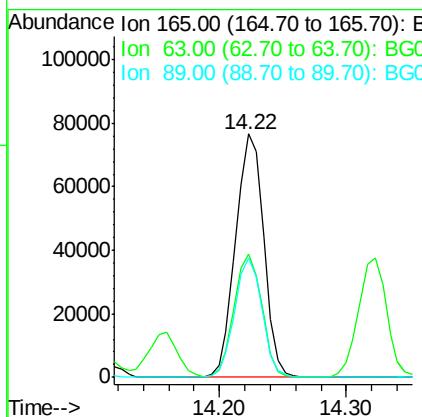
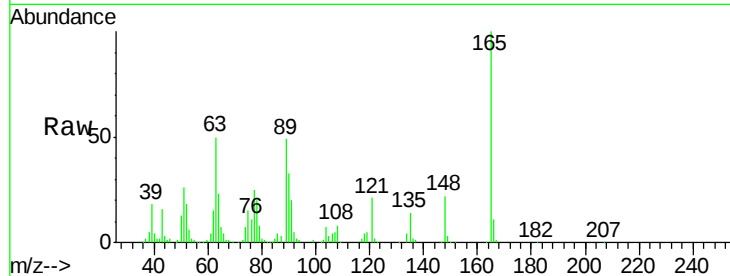




#51
 2,6-Dinitrotoluene
 Concen: 43.283 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

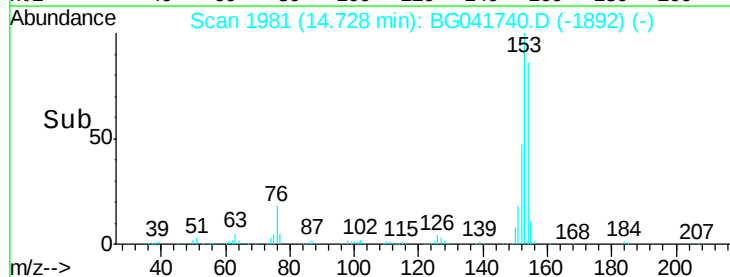
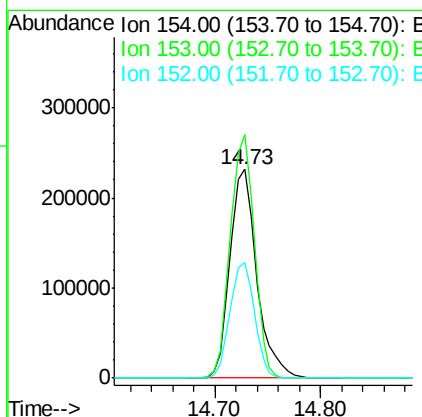
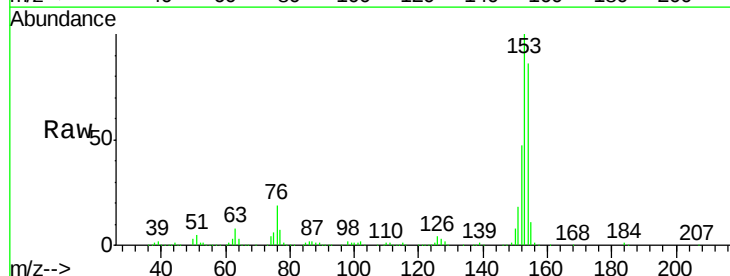
Instrument :
 BNA_G
 ClientSampleId :

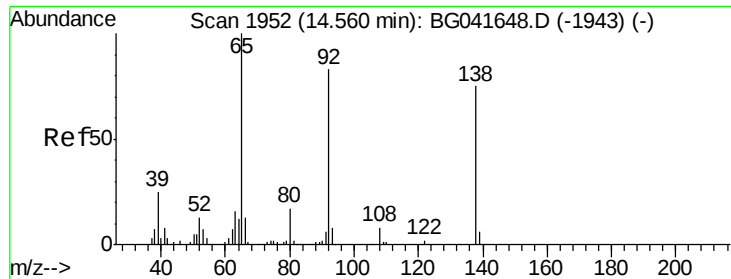
Tot Ion:165 Resp: 117971
 Ion Ratio Lower Upper
 165 100
 63 50.5 42.4 63.6
 89 49.1 42.1 63.1



#52
 Acenaphthene
 Concen: 40.311 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

Tgt Ion:154 Resp: 405121
 Ion Ratio Lower Upper
 154 100
 153 116.8 89.8 134.6
 152 55.3 44.9 67.3

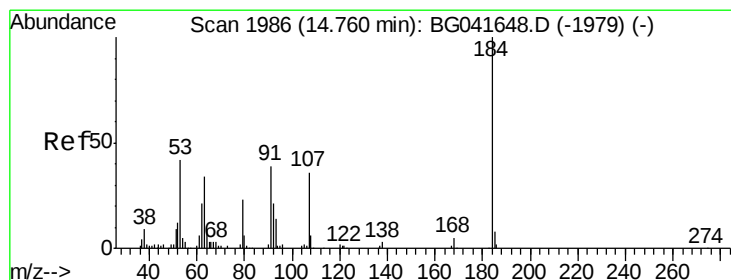
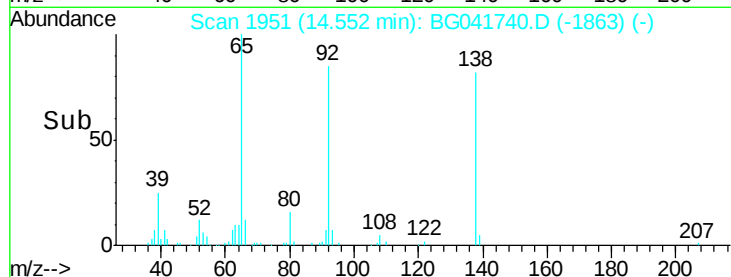
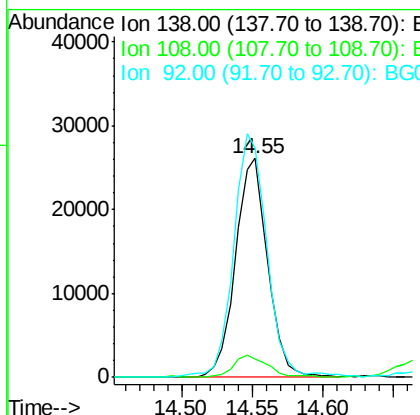
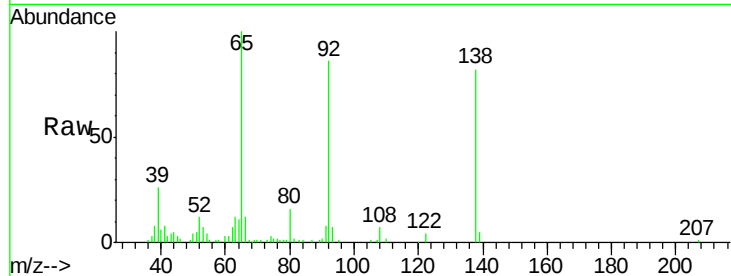




#53
 3-Nitroaniline
 Concen: 13.993 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

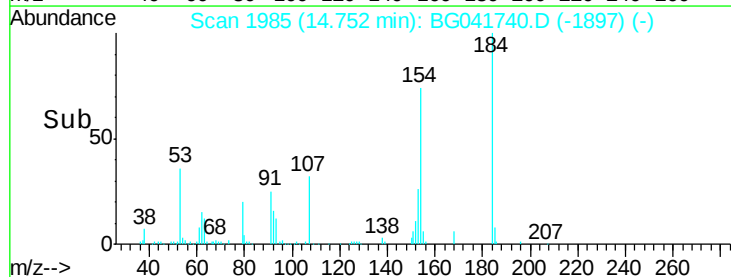
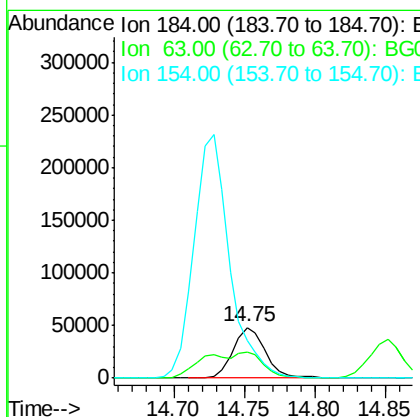
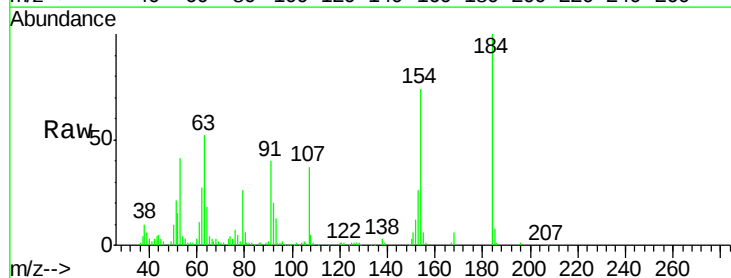
Instrument :
 BNA_G
 ClientSampleId :

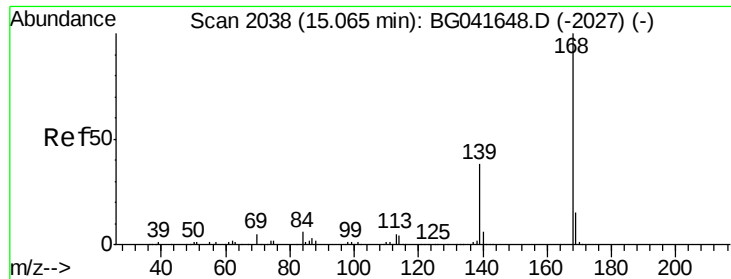
Tot Ion:138 Resp: 41634
 Ion Ratio Lower Upper
 138 100
 108 8.4 10.3 15.5#
 92 104.9 93.0 139.4



#54
 2,4-Dinitrophenol
 Concen: 57.893 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

Tgt Ion:184 Resp: 76490
 Ion Ratio Lower Upper
 184 100
 63 52.4 43.2 64.8
 154 73.6 51.4 77.2

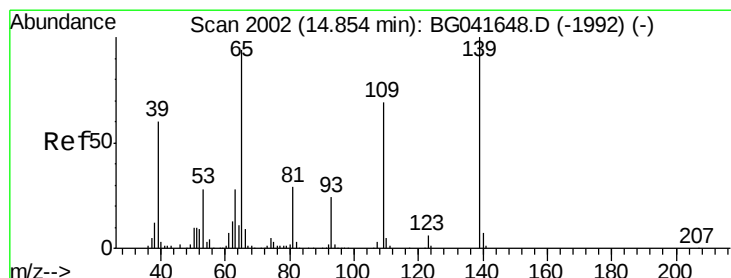
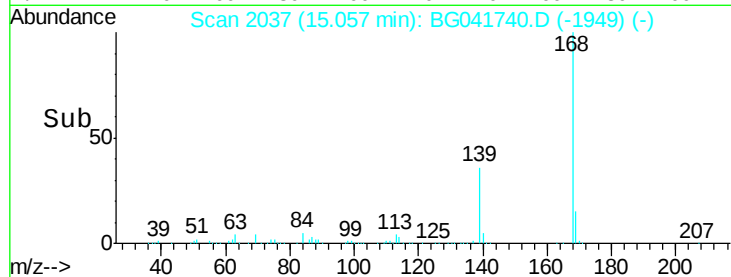
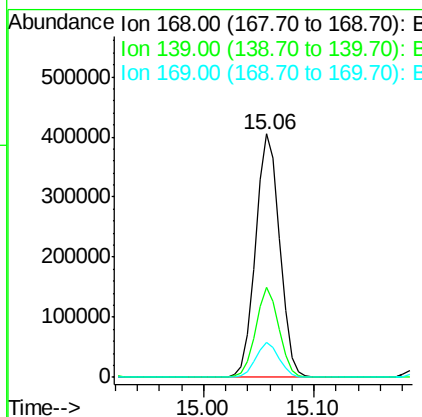
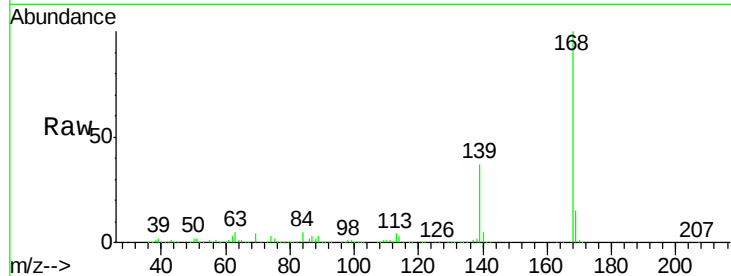




#55
Dibenzenofuran
Concen: 41.135 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

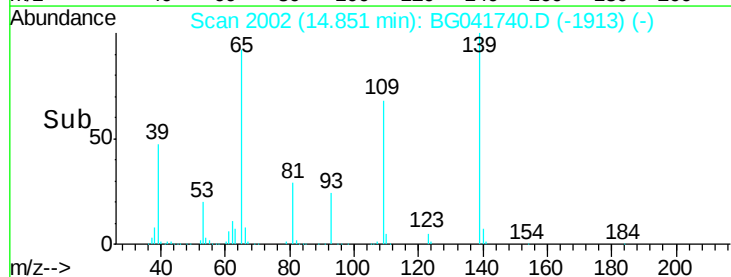
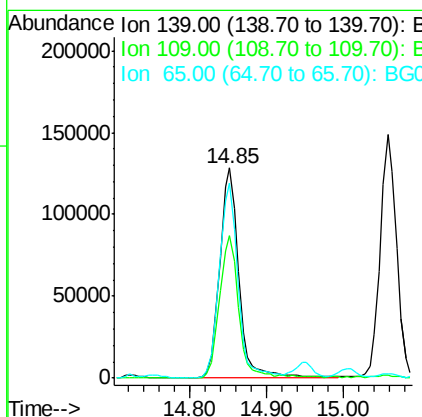
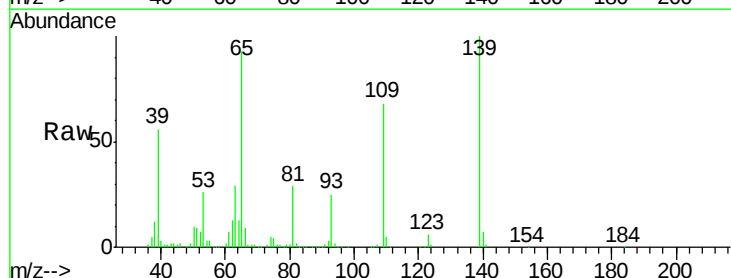
Instrument :
BNA_G
ClientSampleId :

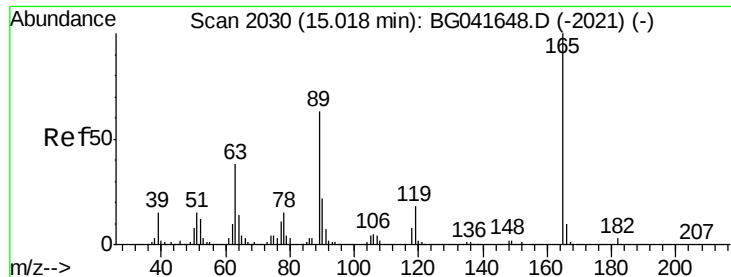
Tot Ion:168 Resp: 620351
Ion Ratio Lower Upper
168 100
139 36.7 31.9 47.9
169 14.5 12.5 18.7



#56
4-Nitrophenol
Concen: 92.375 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion:139 Resp: 222520
Ion Ratio Lower Upper
139 100
109 68.0 51.3 91.3
65 92.9 77.6 117.6





#57

2,4-Dinitrotoluene

Concen: 49.117 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 176966

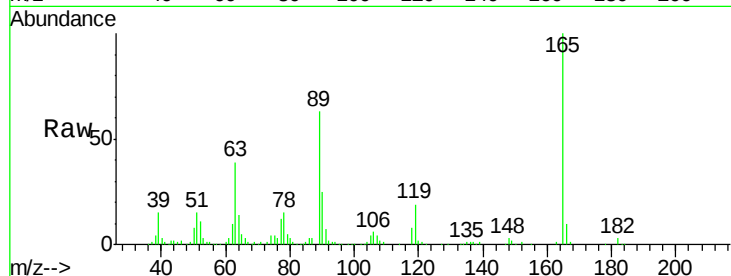
Ion Ratio Lower Upper

165 100

63 38.9 31.7 47.5

89 63.4 50.2 75.4

182 2.9 2.6 4.0

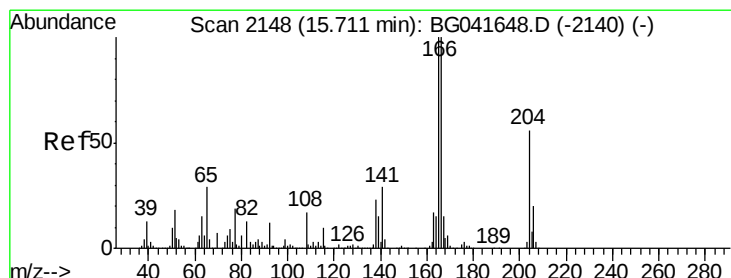
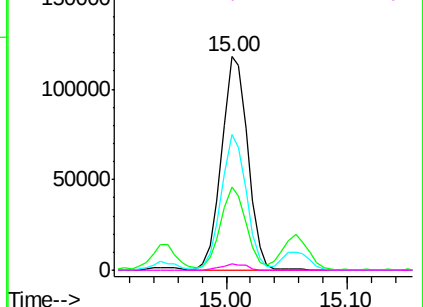
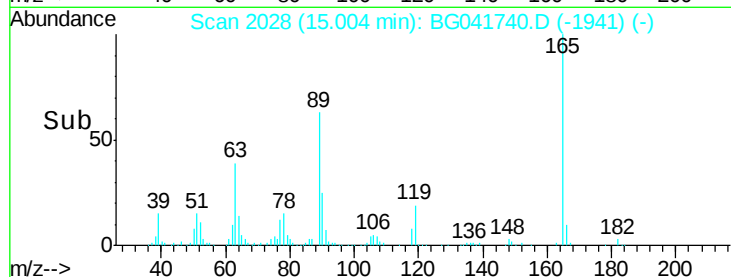


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.677 ng

RT: 15.70 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

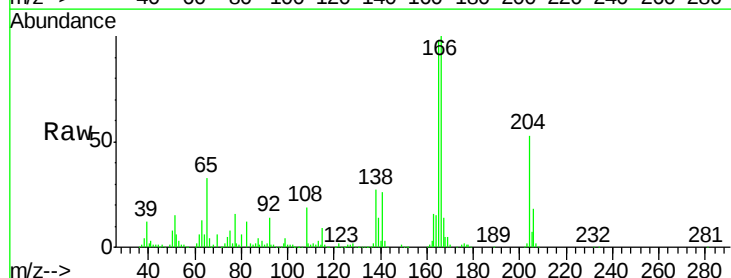
Tgt Ion:166 Resp: 511413

Ion Ratio Lower Upper

166 100

165 98.4 80.5 120.7

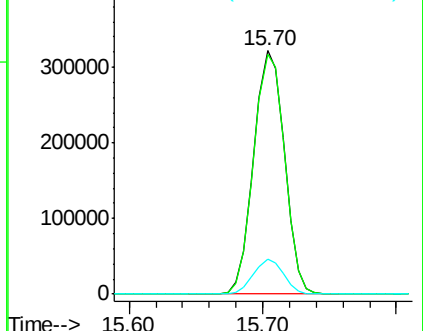
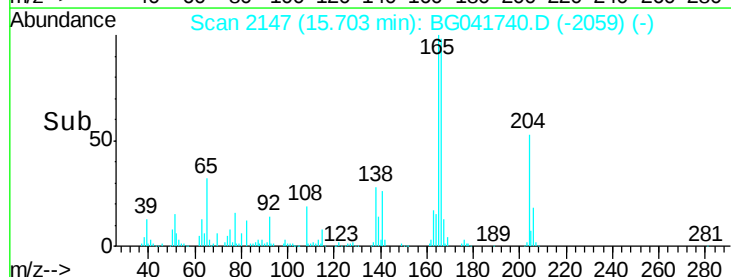
167 14.3 12.4 18.6

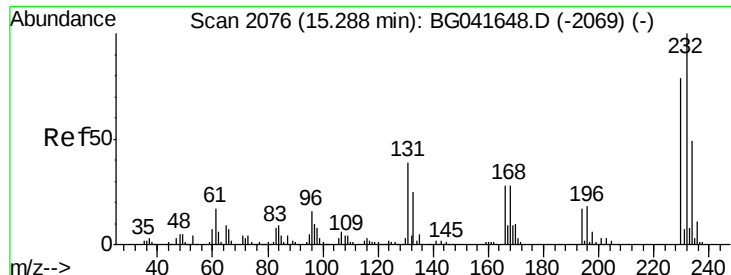


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

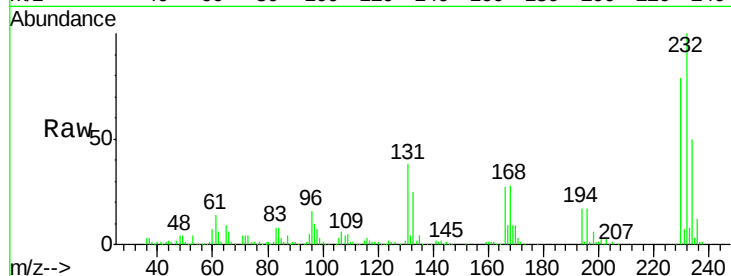




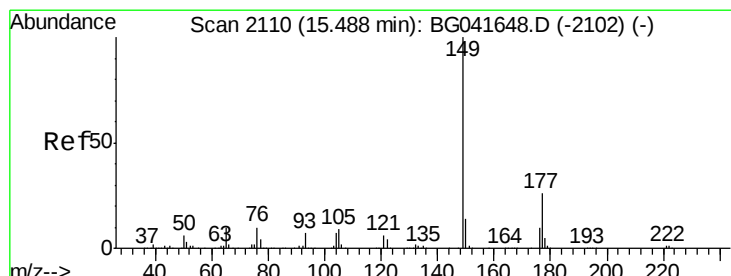
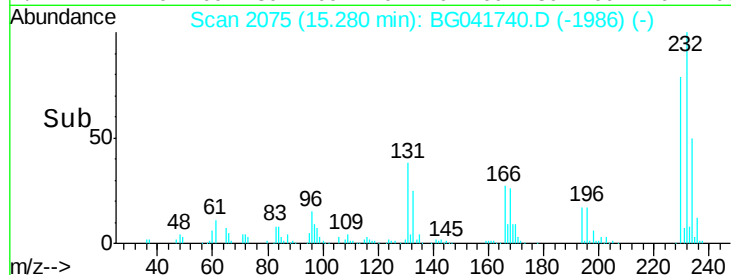
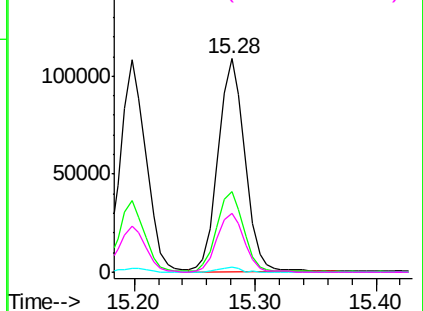
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.012 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 166514
 Ion Ratio Lower Upper
 232 100
 131 38.7 31.8 47.6
 130 2.0 1.8 2.8
 166 28.5 23.5 35.3

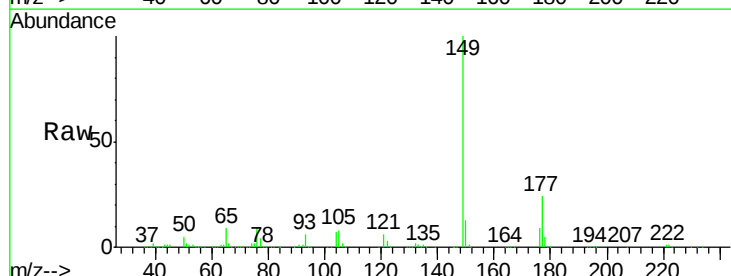


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

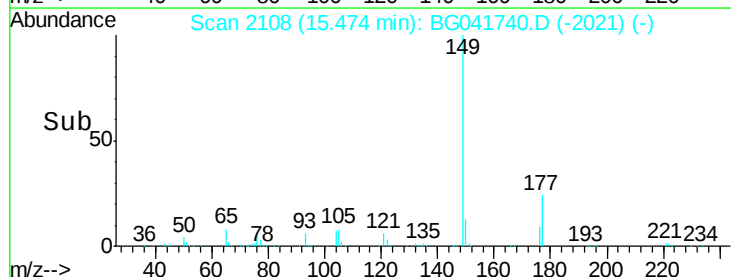
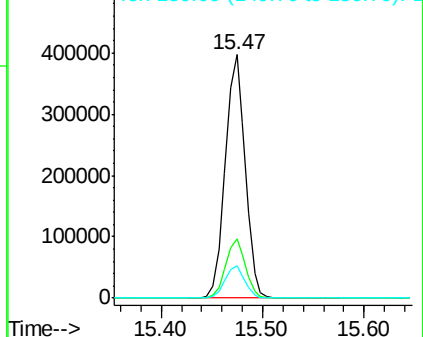


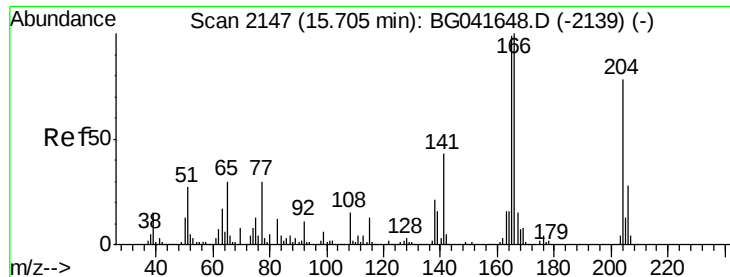
#60
 Diethylphthalate
 Concen: 41.615 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.02 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

Tgt Ion:149 Resp: 538707
 Ion Ratio Lower Upper
 149 100
 177 24.1 20.7 31.1
 150 13.1 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

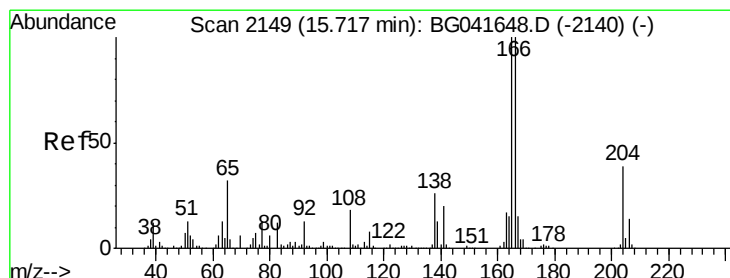
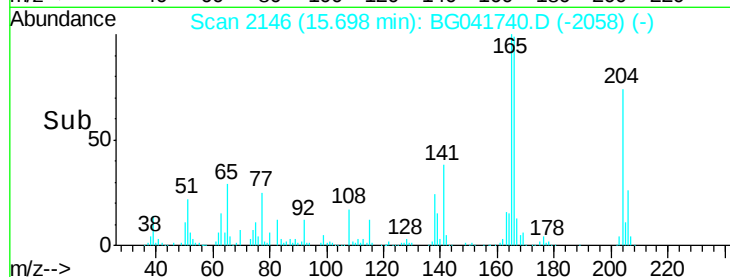
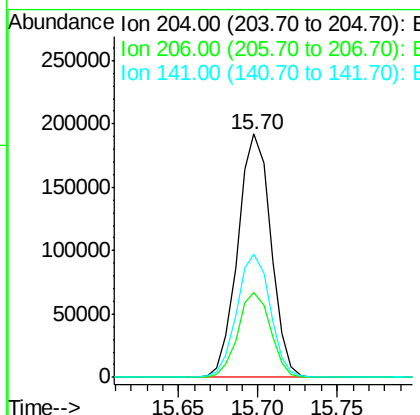
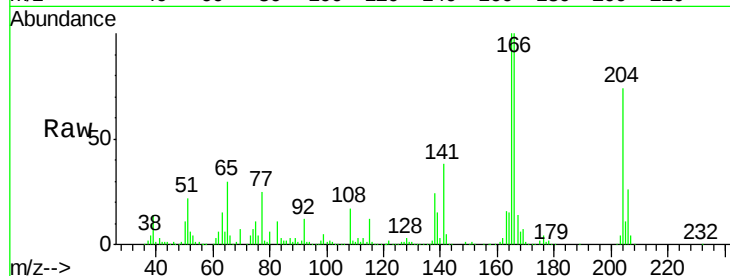




#61
4-Chlorophenyl-phenylether
Concen: 40.218 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

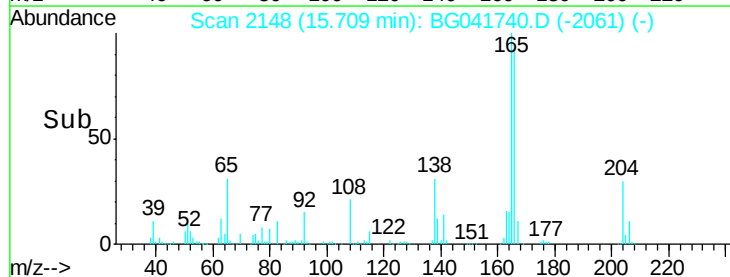
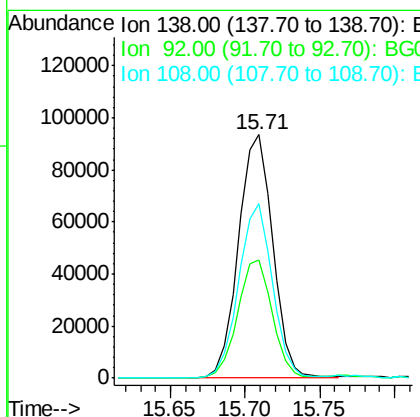
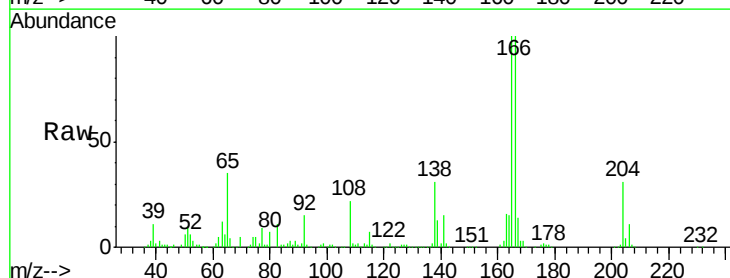
Instrument :
BNA_G
ClientSampleId :

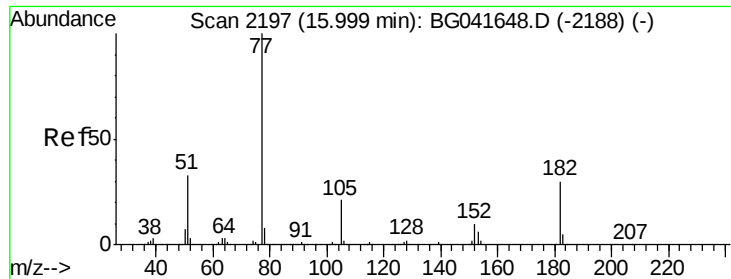
Tot Ion:204 Resp: 278969
Ion Ratio Lower Upper
204 100
206 34.9 28.6 42.8
141 50.8 42.9 64.3



#62
4-Nitroaniline
Concen: 47.310 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion:138 Resp: 149289
Ion Ratio Lower Upper
138 100
92 48.5 29.8 69.8
108 71.8 52.2 92.2





#63

Azobenzene

Concen: 39.219 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.02 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 459002

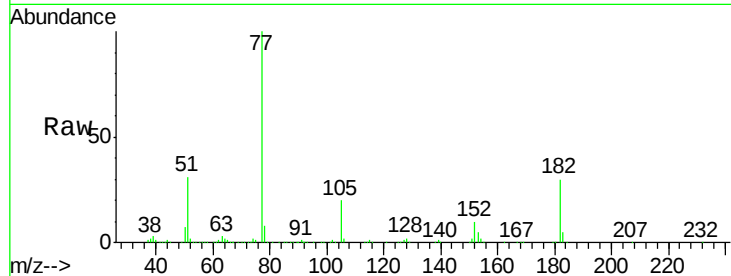
Ion Ratio Lower Upper

77 100

182 29.8 13.2 53.2

105 19.6 2.2 42.2

51 31.3 14.6 54.6

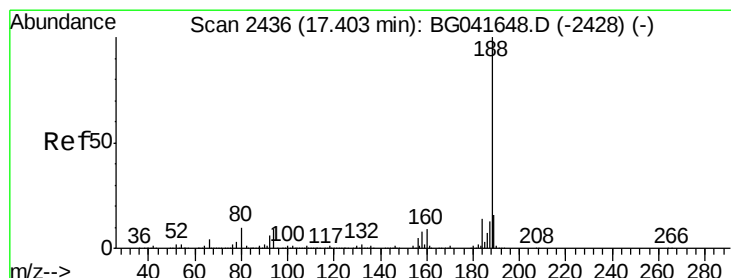
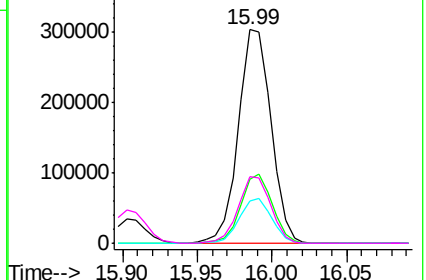
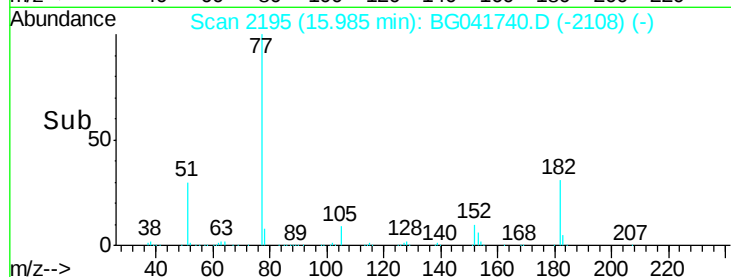


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2435

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

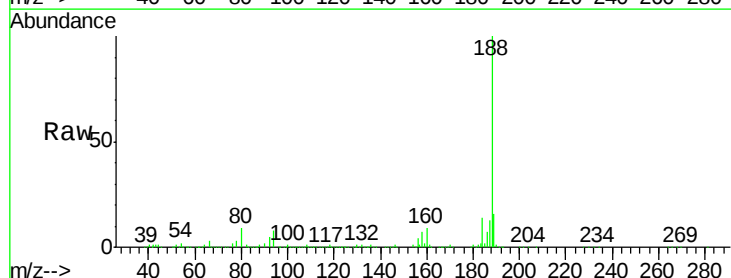
Tgt Ion: 188 Resp: 465615

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

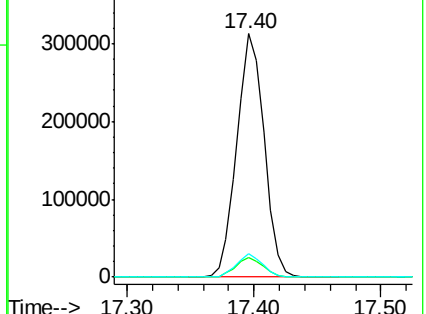
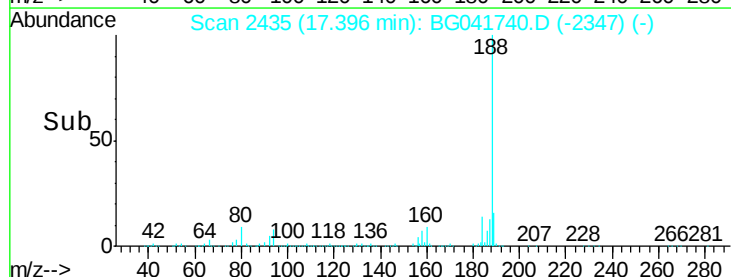
80 9.5 8.0 12.0

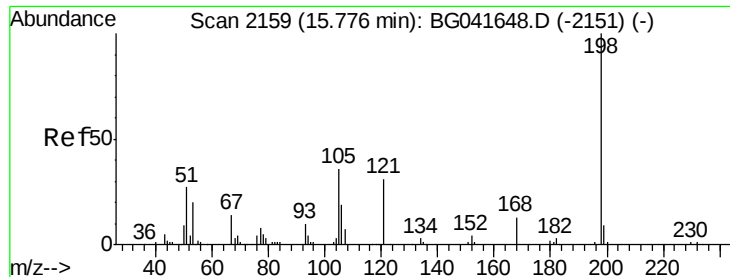


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

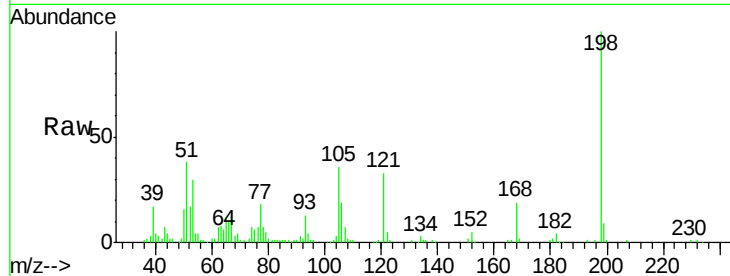




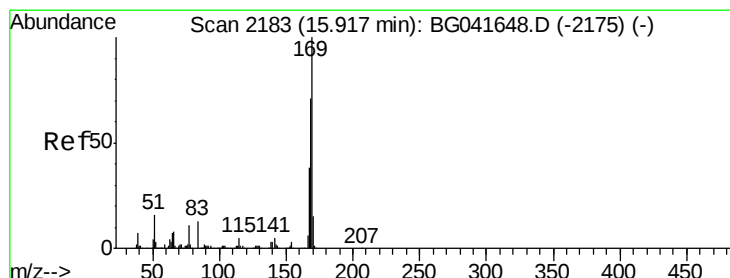
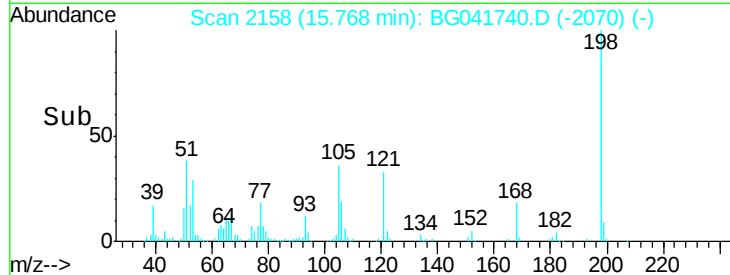
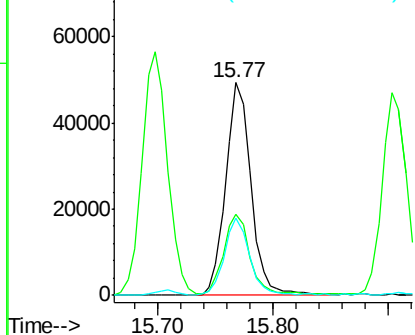
#65
4,6-Dinitro-2-methylphenol
Concen: 36.058 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.4	22.3	62.3
105	36.4	18.0	58.0

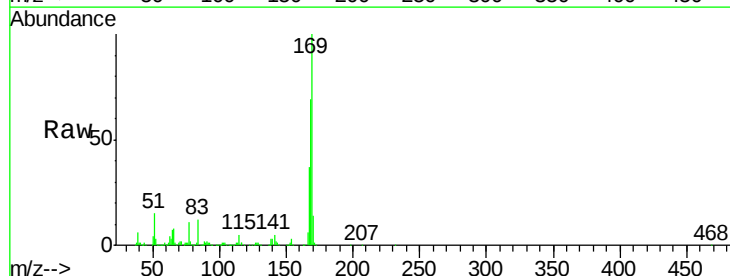


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGO
Ion 105.00 (104.70 to 105.70): E

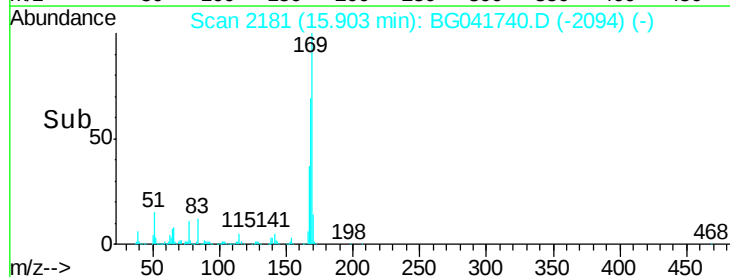
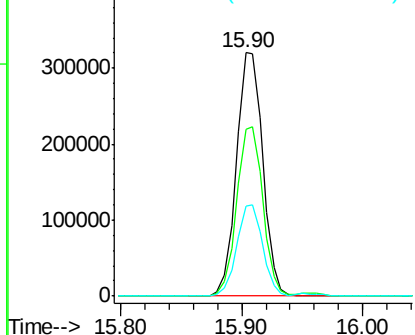


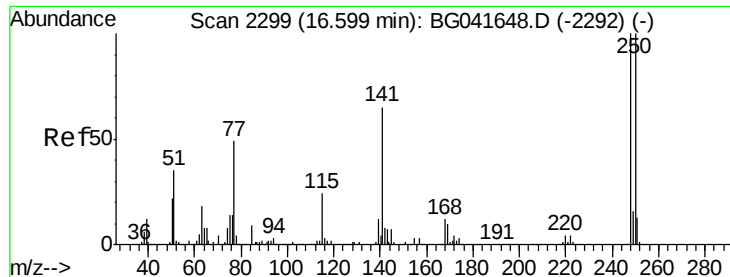
#66
n-Nitrosodiphenylamine
Concen: 35.638 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	56.9	85.3
167	37.0	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

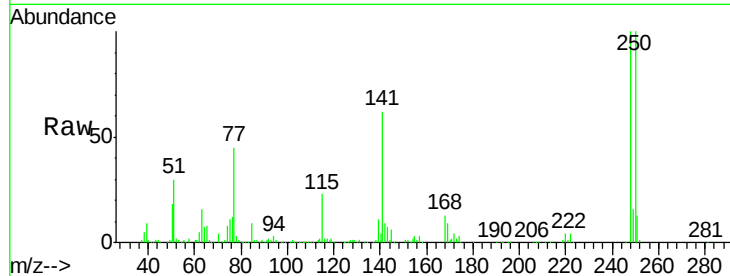




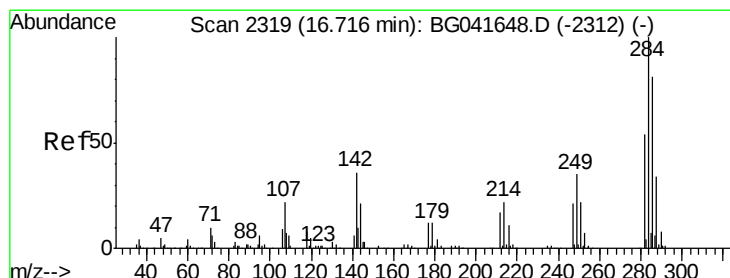
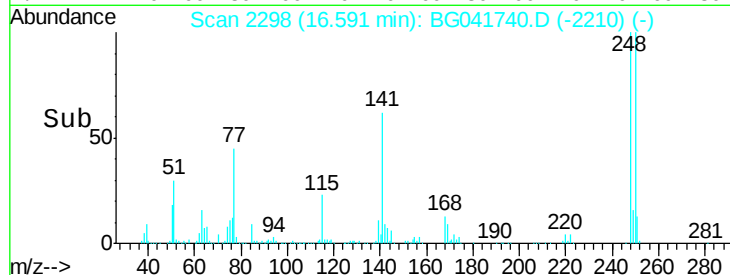
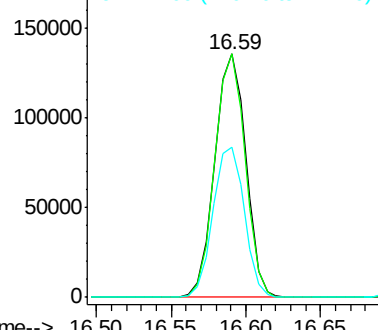
#67
4-Bromophenyl-phenylether
Concen: 35.168 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	78.1	117.1
141	61.7	49.6	74.4

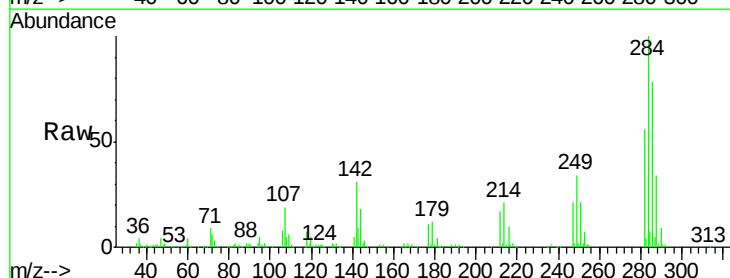


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

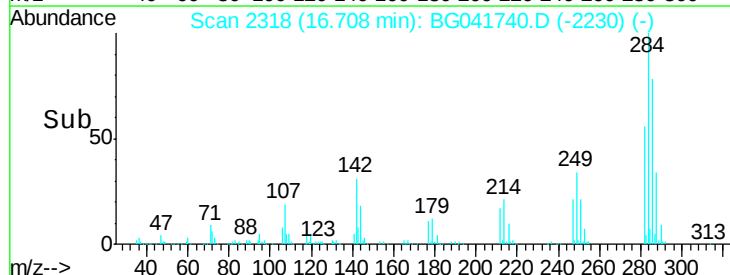
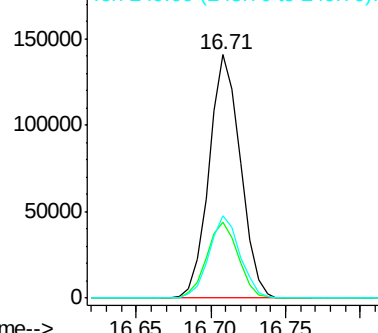


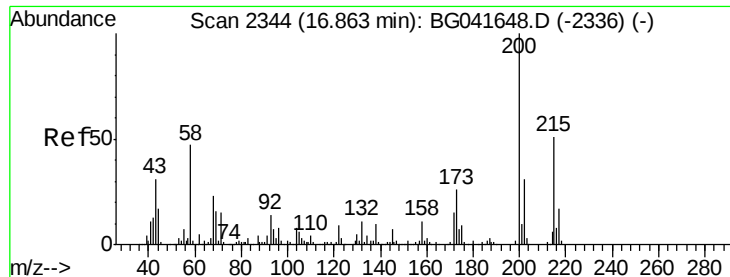
#68
Hexachlorobenzene
Concen: 36.755 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	27.0	40.6
249	33.8	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

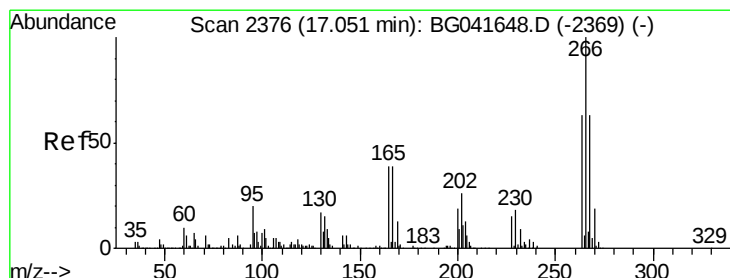
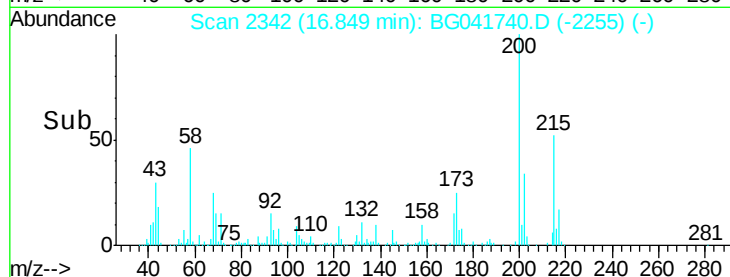
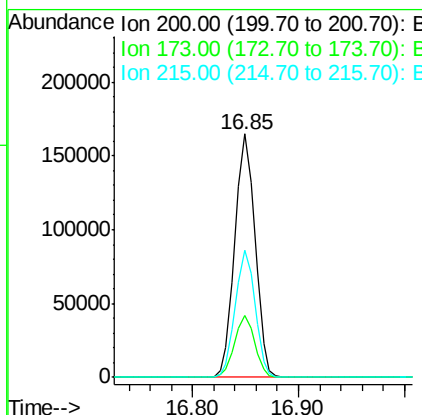
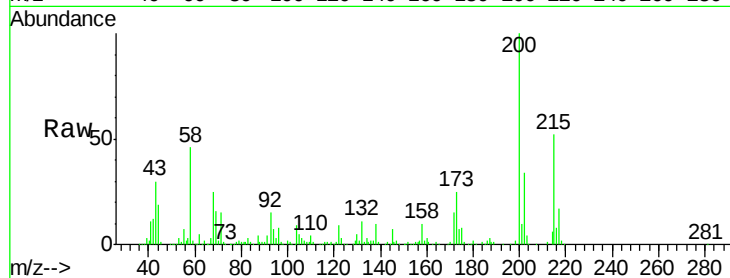




#69
 Atrazine
 Concen: 43.929 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.02 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

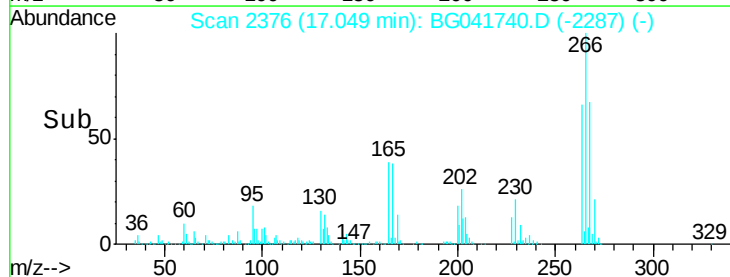
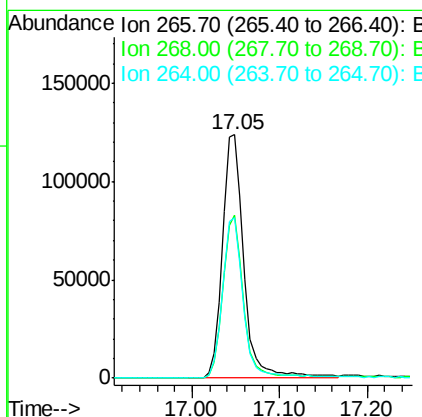
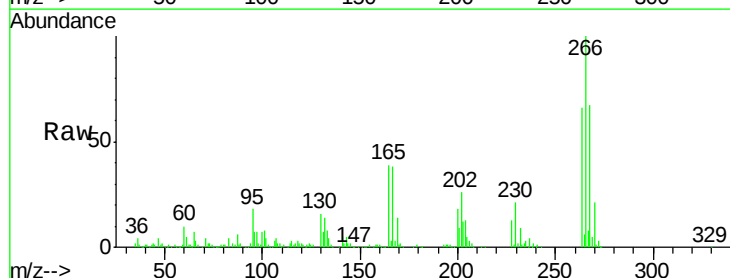
Instrument :
 BNA_G
 ClientSampleId :

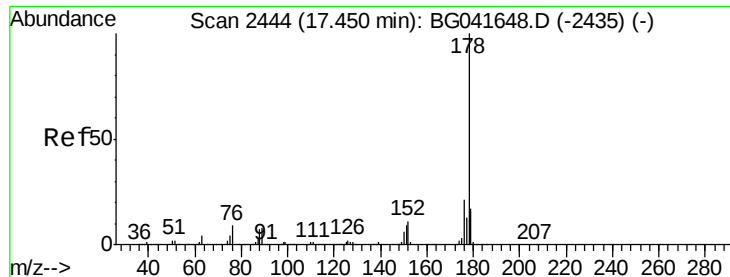
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	5.3	45.3
215	52.2	31.8	71.8



#70
 Pentachlorophenol
 Concen: 60.423 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	52.9	79.3
264	65.8	51.4	77.2





#71

Phenanthrene

Concen: 40.533 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

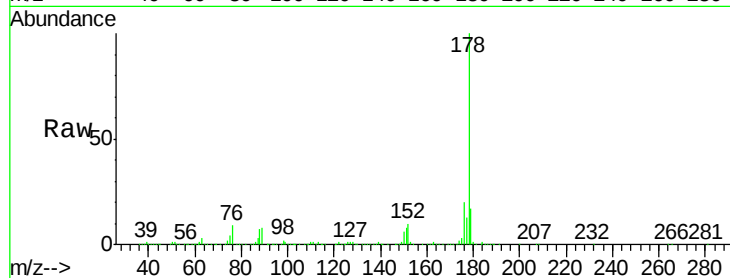
Tot Ion:178 Resp: 950433

Ion Ratio Lower Upper

178 100

176 20.0 18.6 28.0

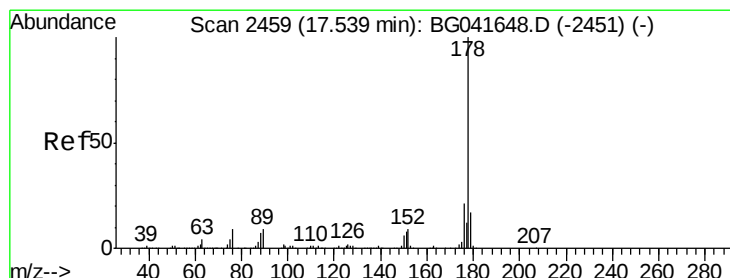
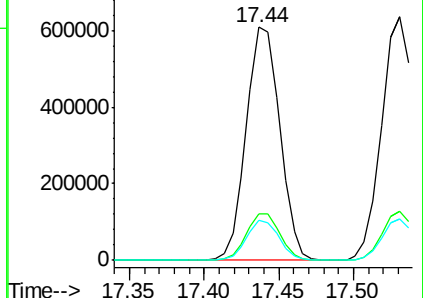
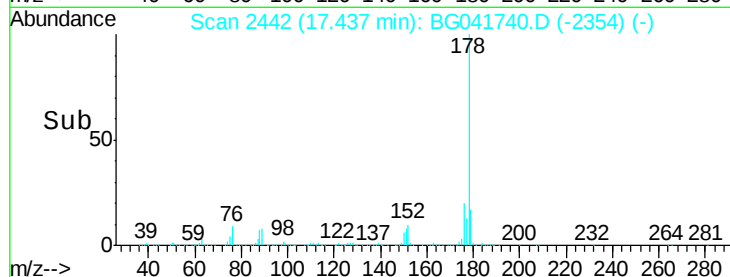
179 17.1 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.916 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

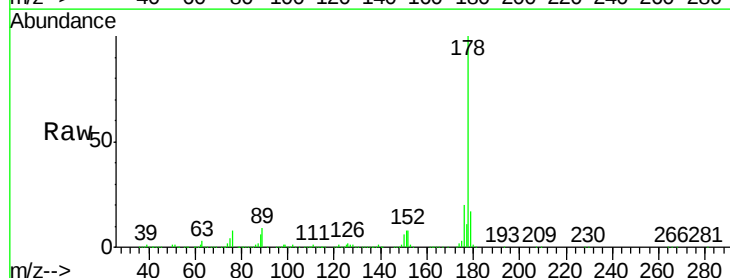
Tgt Ion:178 Resp: 979715

Ion Ratio Lower Upper

178 100

176 20.1 18.6 28.0

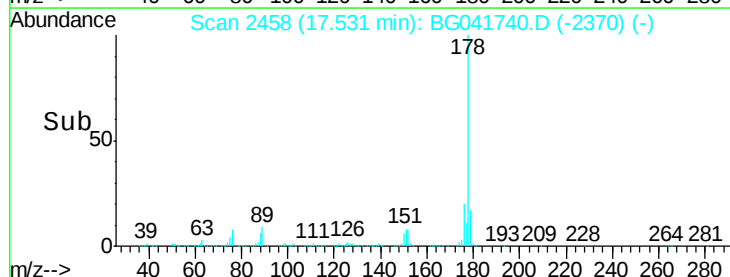
179 16.9 15.1 22.7



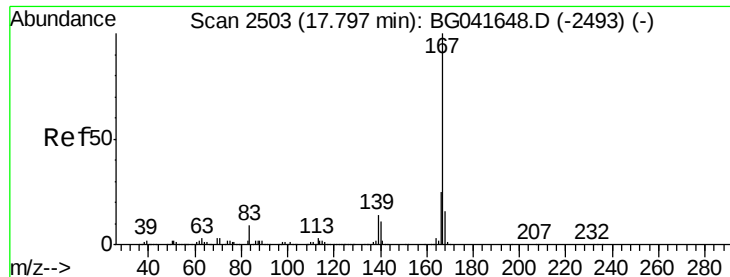
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



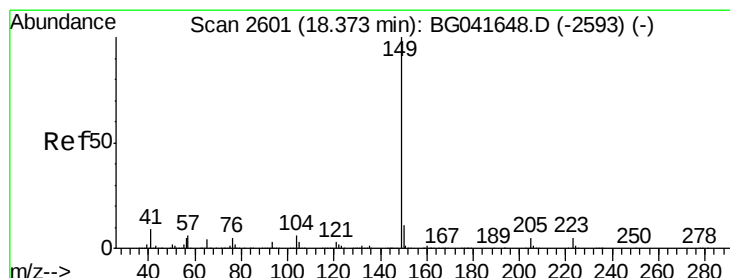
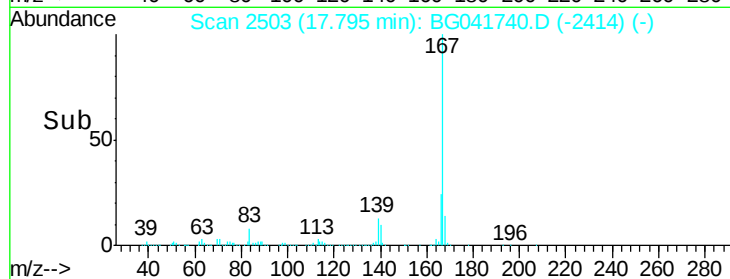
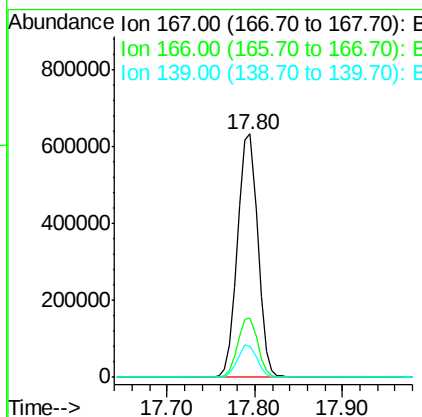
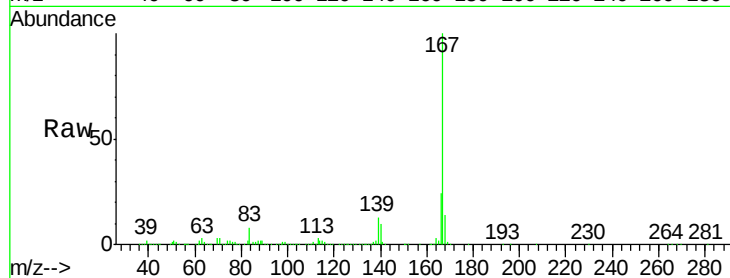
Time-->



#73
 Carbazole
 Concen: 45.579 ng
 RT: 17.80 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

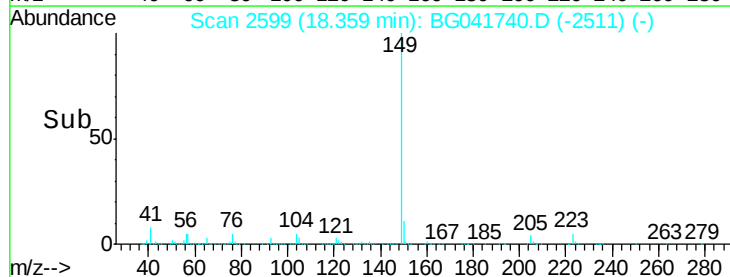
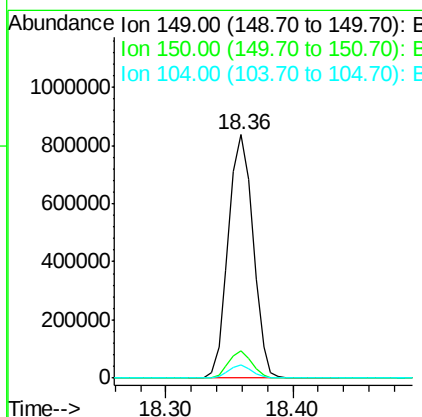
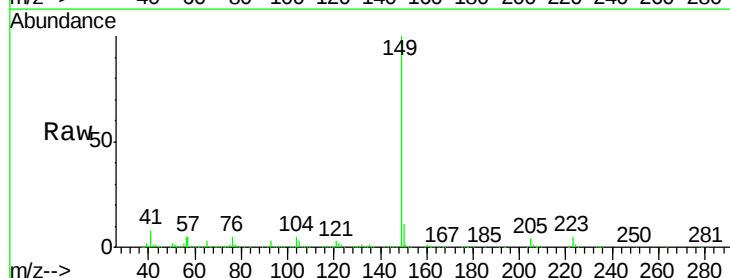
Instrument :
 BNA_G
 ClientSampleId :

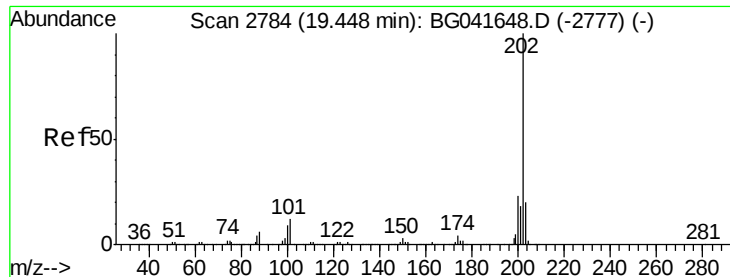
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.3	21.4	32.2
139	12.9	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 42.797 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041740.D
 Acq: 19 Jul 2019 18:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	10.2	15.2
104	5.2	5.3	7.9#





#75

Fluoranthene

Concen: 48.487 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

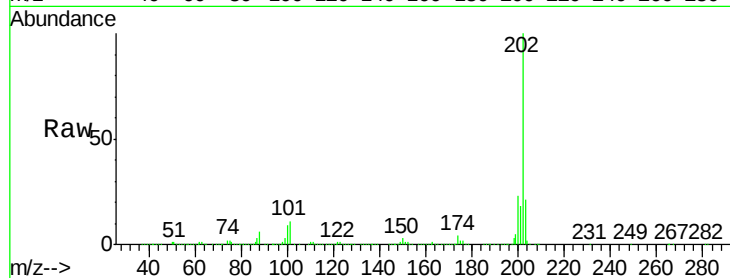
Tot Ion:202 Resp: 1396080

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.8

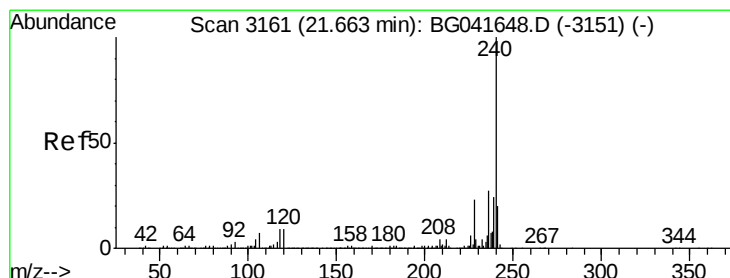
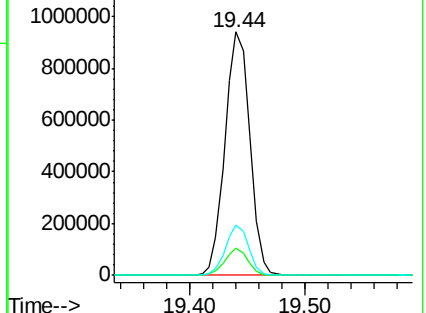
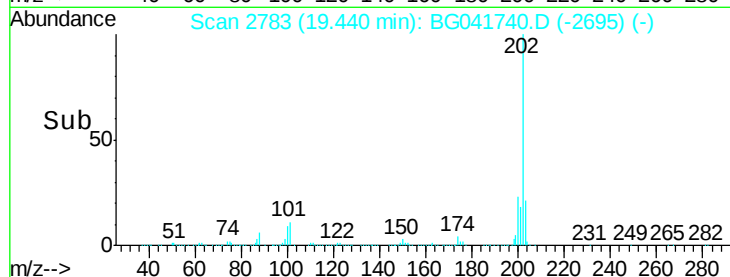
203 20.6 3.7 43.7



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# 3159

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

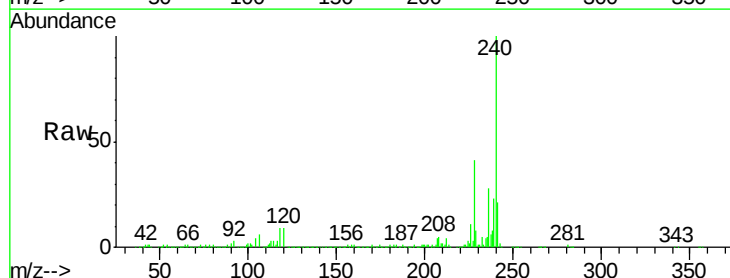
Tgt Ion:240 Resp: 607049

Ion Ratio Lower Upper

240 100

120 8.9 8.0 12.0

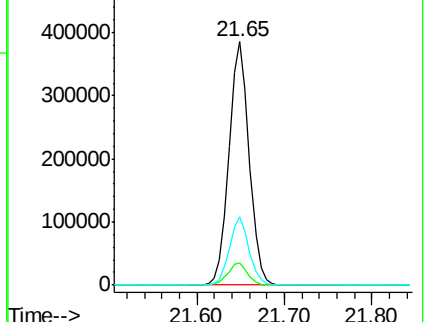
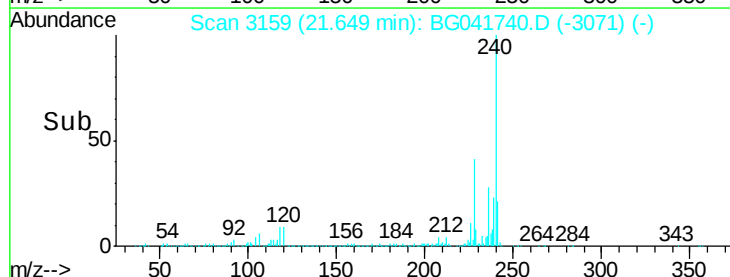
236 28.3 22.6 33.8

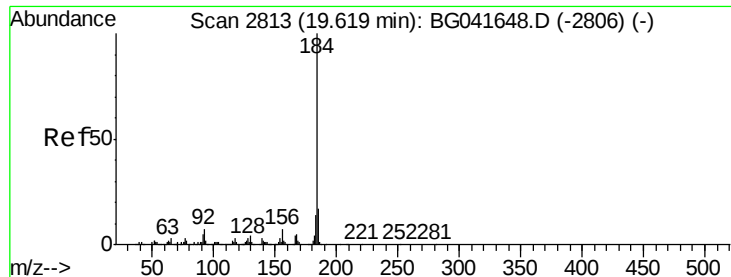


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.726 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

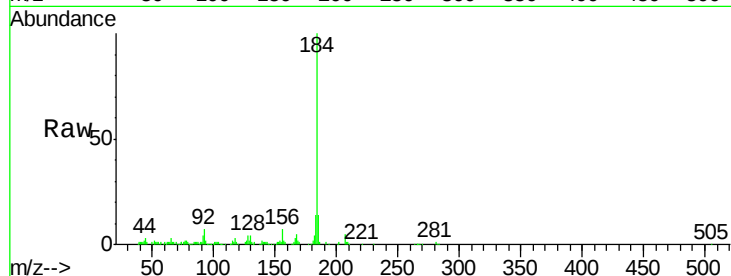
Tot Ion:184 Resp: 129533

Ion Ratio Lower Upper

184 100

185 13.7 13.0 19.4

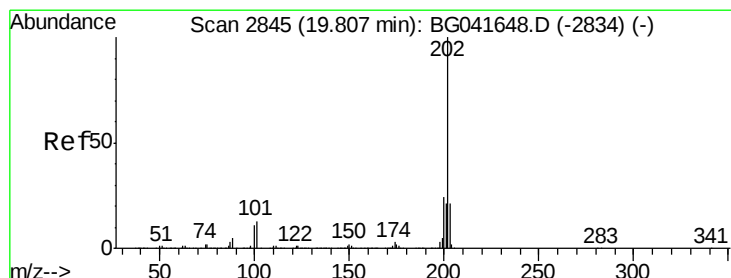
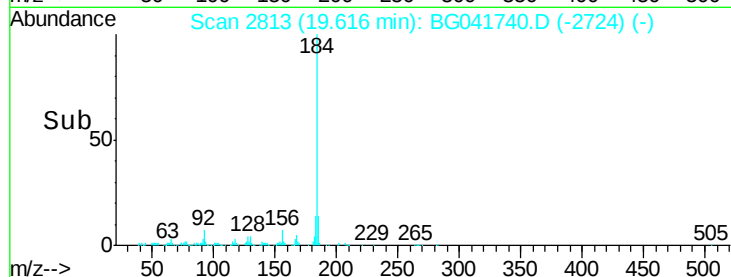
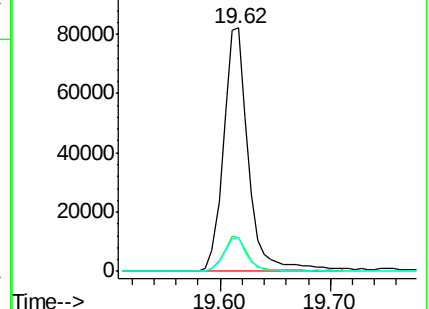
183 13.8 11.8 17.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.136 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

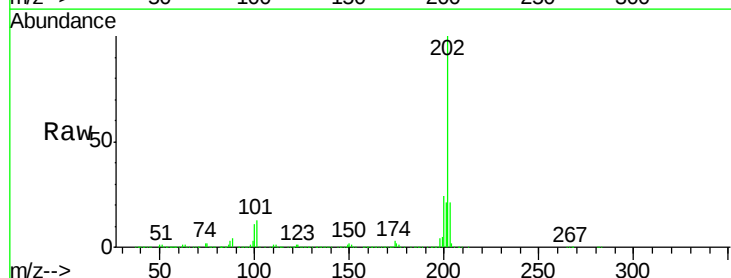
Tgt Ion:202 Resp: 1442572

Ion Ratio Lower Upper

202 100

200 23.8 22.2 33.2

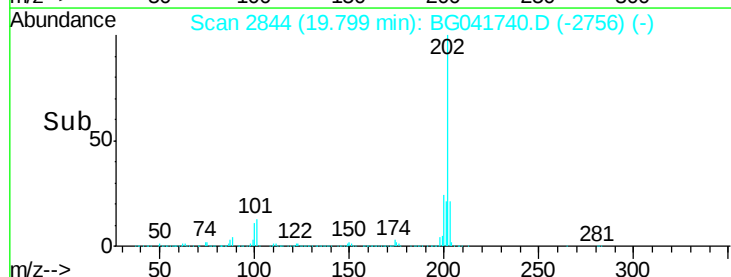
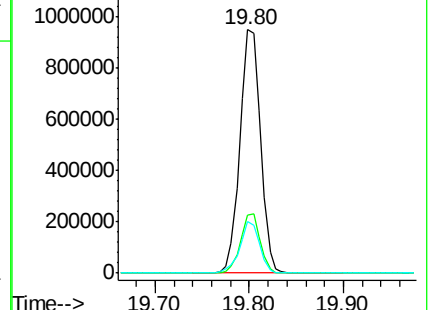
203 21.0 18.9 28.3

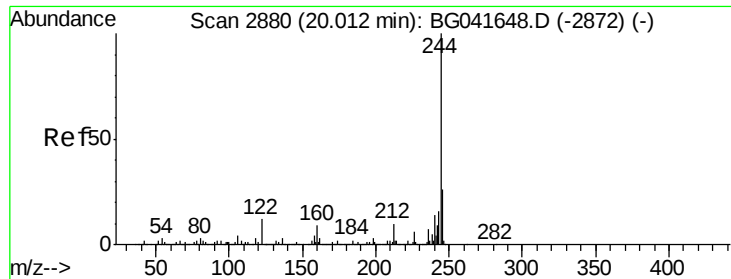


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.333 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

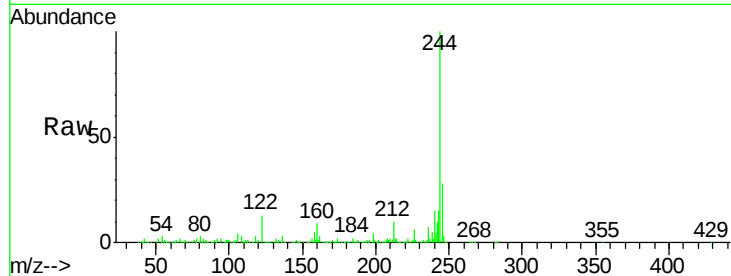
Tot Ion:244 Resp: 2138747

Ion Ratio Lower Upper

244 100

212 10.1 9.7 14.5

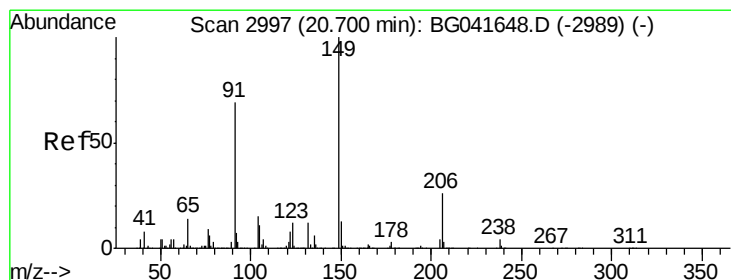
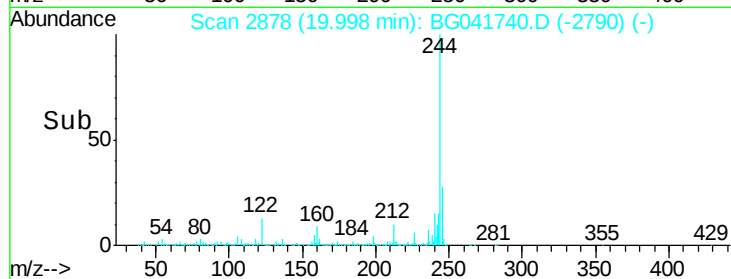
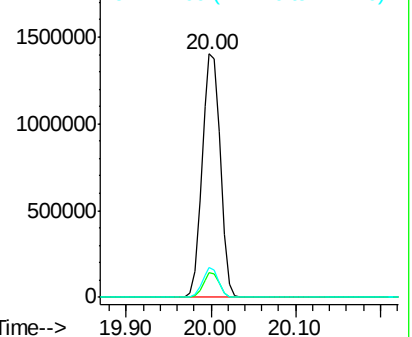
122 12.5 12.5 18.7



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: 37.535 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

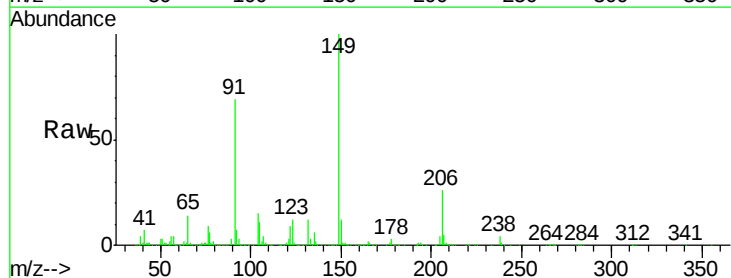
Tgt Ion:149 Resp: 640378

Ion Ratio Lower Upper

149 100

91 68.6 58.9 88.3

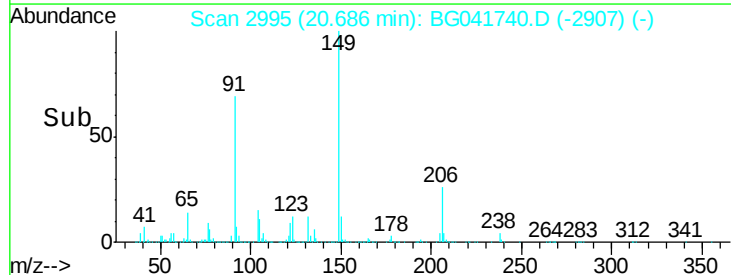
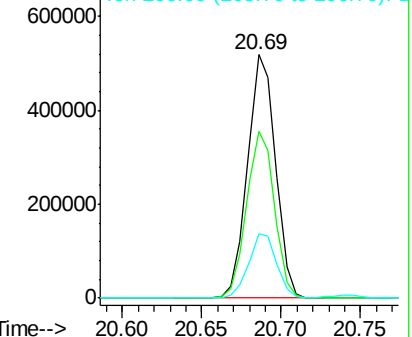
206 26.4 20.8 31.2

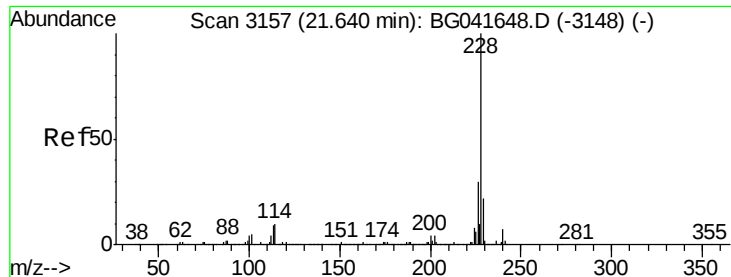


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

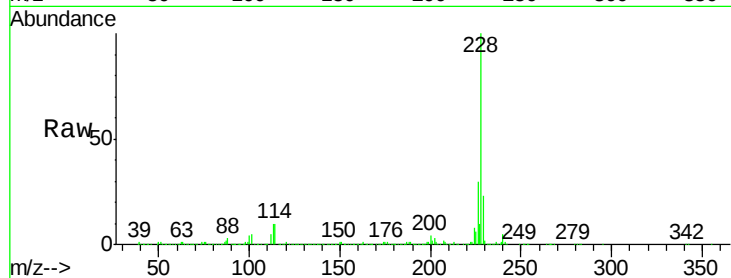




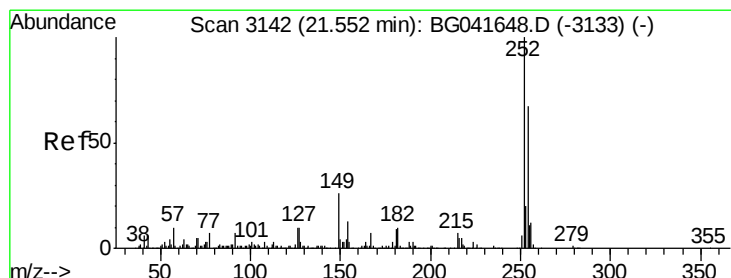
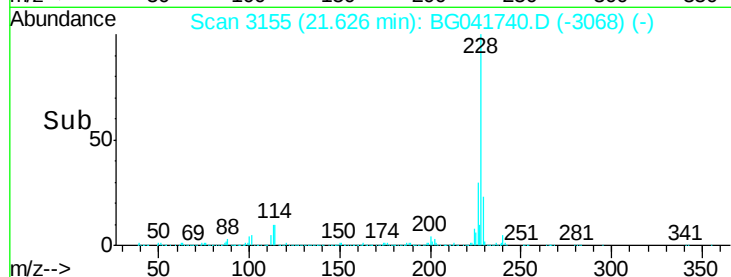
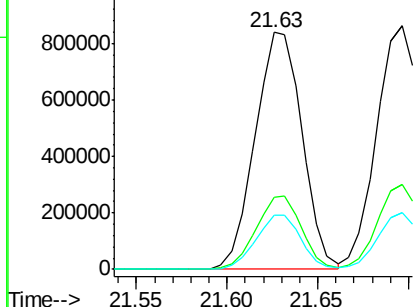
#81
Benzo(a)anthracene
Concen: 38.601 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.02 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1513984
Ion Ratio Lower Upper
228 100
226 30.4 27.3 40.9
229 22.7 19.7 29.5

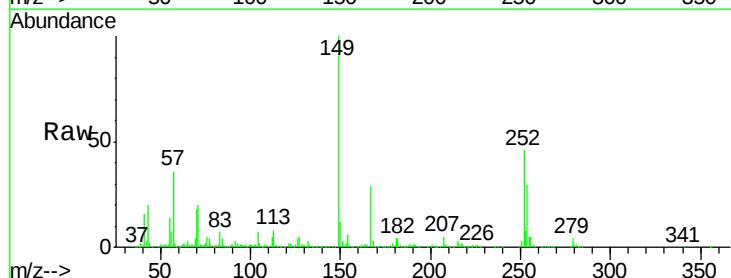


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

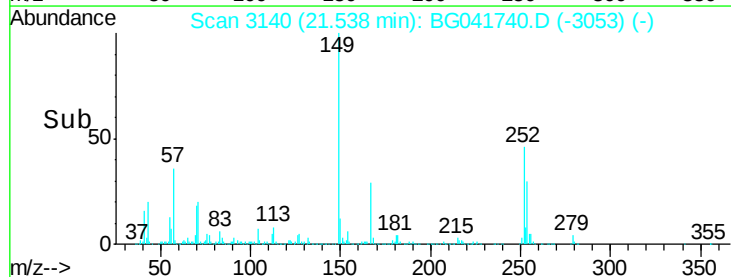
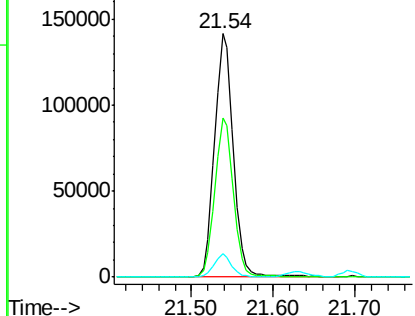


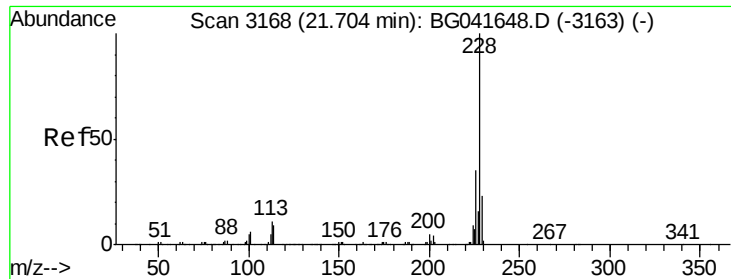
#82
3,3'-Dichlorobenzidine
Concen: 14.702 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.02 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion:252 Resp: 226910
Ion Ratio Lower Upper
252 100
254 65.5 53.8 80.6
126 9.5 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: 39.146 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

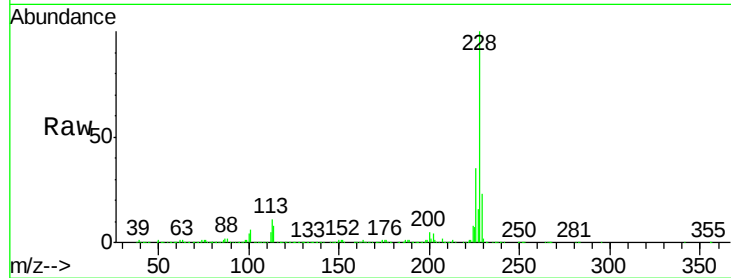
Tot Ion:228 Resp: 1467130

Ion Ratio Lower Upper

228 100

226 35.0 30.1 45.1

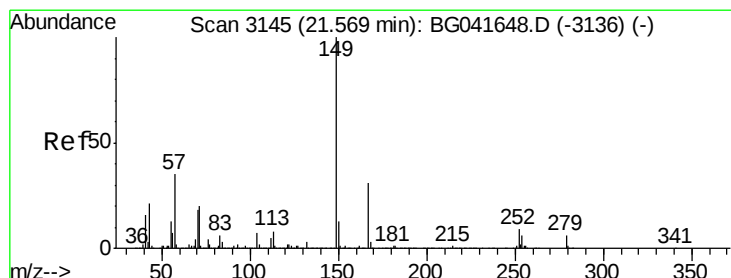
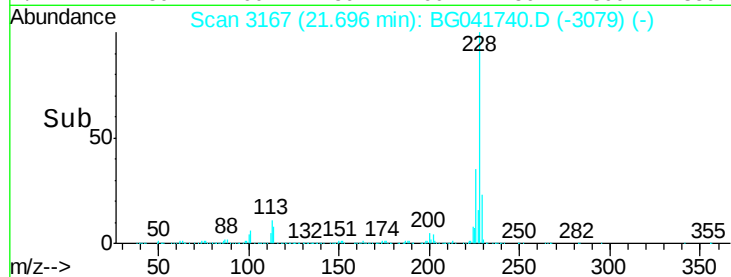
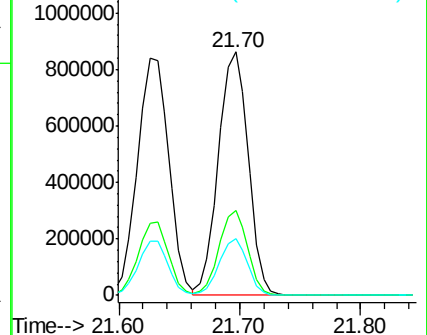
229 23.1 19.8 29.6



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: 38.193 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

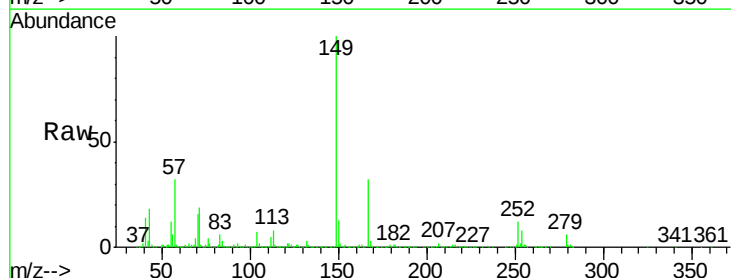
Tgt Ion:149 Resp: 920013

Ion Ratio Lower Upper

149 100

167 31.8 27.0 40.4

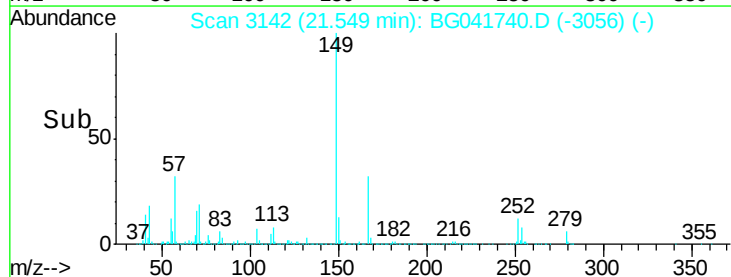
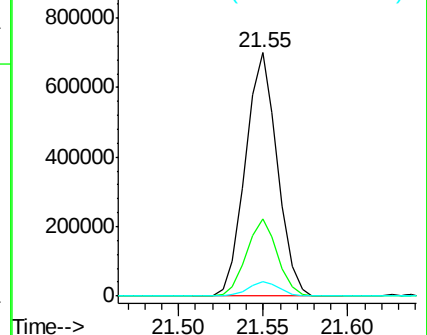
279 5.8 5.0 7.6

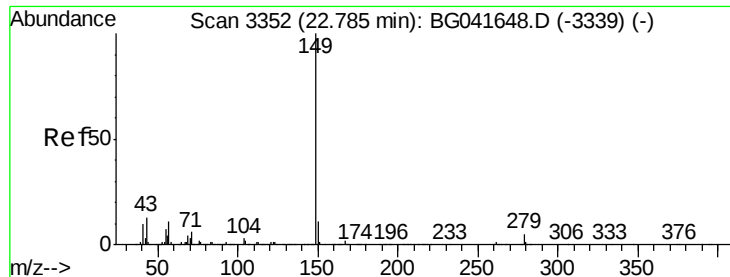


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.998 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.03 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

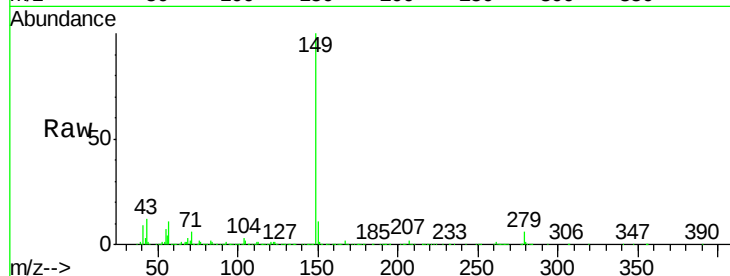
Tot Ion:149 Resp: 1599769

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

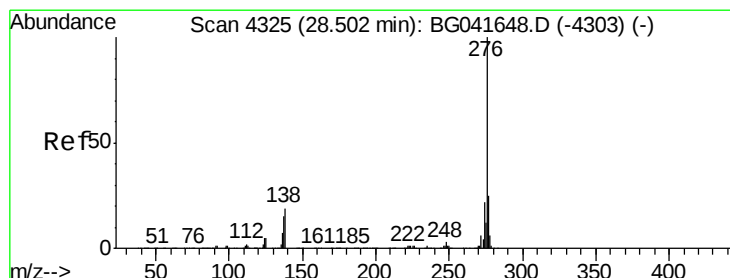
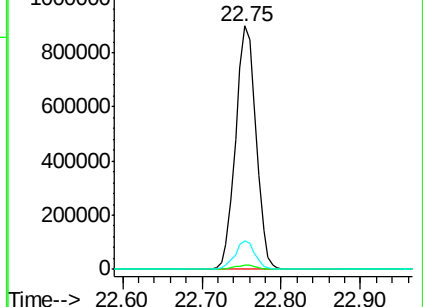
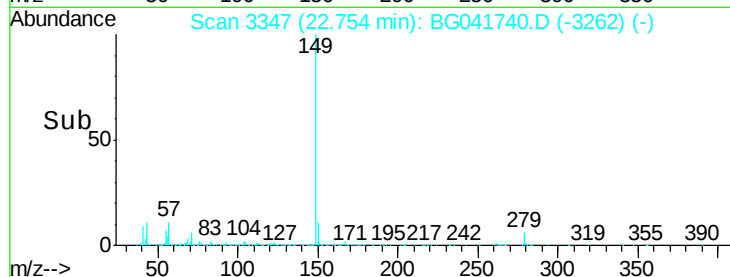
43 11.0 10.6 16.0



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.989 ng

RT: 28.48 min Scan# 4321

Delta R.T. -0.05 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

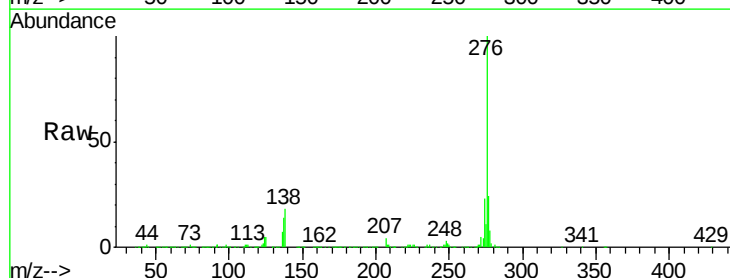
Tgt Ion:276 Resp: 1977478

Ion Ratio Lower Upper

276 100

138 16.3 19.4 29.0#

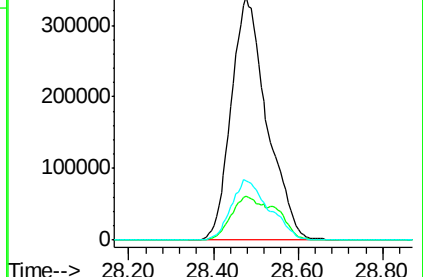
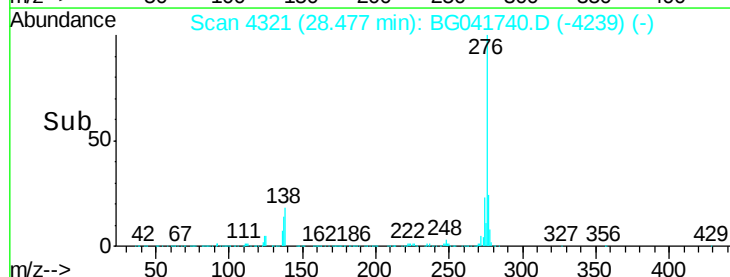
277 26.4 21.2 31.8

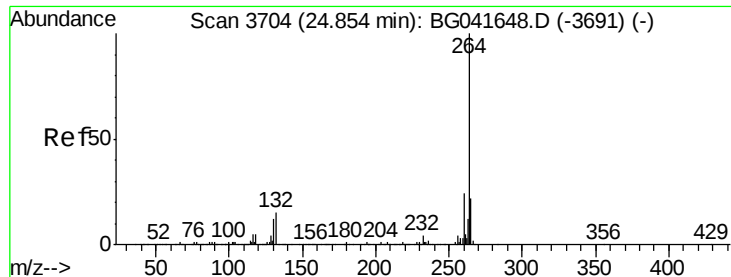


Abundance Ion 276.00 (275.70 to 276.70): E

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. -0.02 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

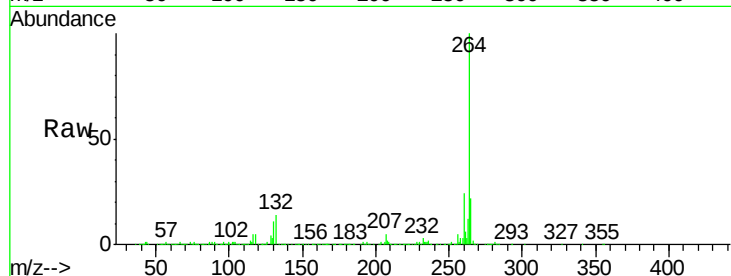
Tot Ion:264 Resp: 722818

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.6	18.0	27.0

264 100

260 24.4 19.5 29.3

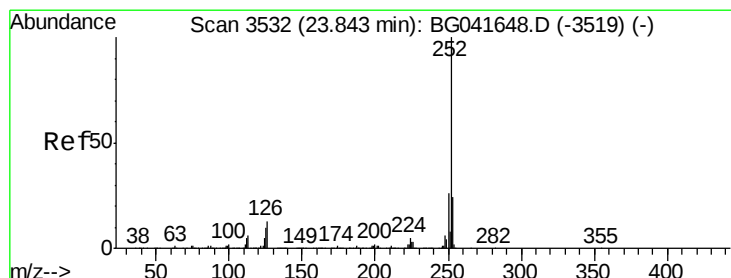
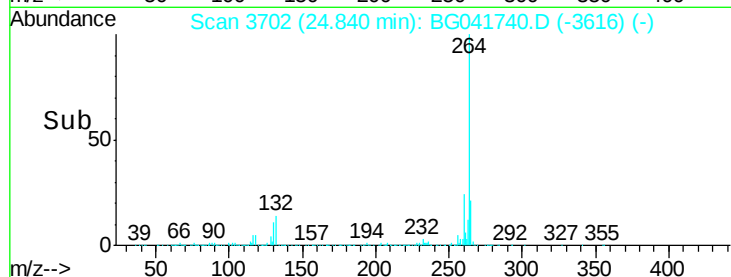
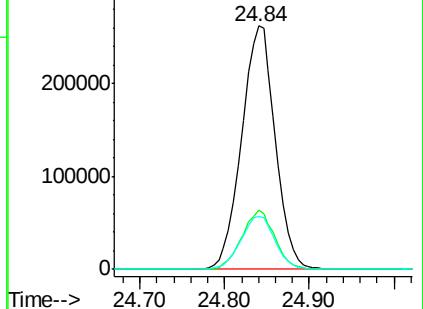
265 21.6 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.890 ng

RT: 23.83 min Scan# 3530

Delta R.T. -0.02 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

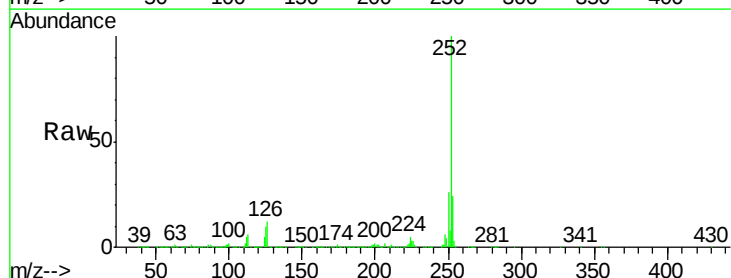
Tgt Ion:252 Resp: 1705108

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.6	30.8
125	10.0	8.0	12.0

252 100

253 23.9 20.6 30.8

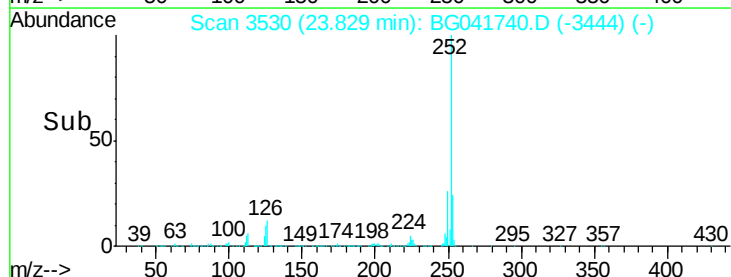
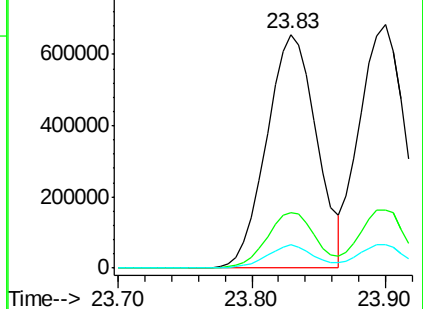
125 10.0 8.0 12.0

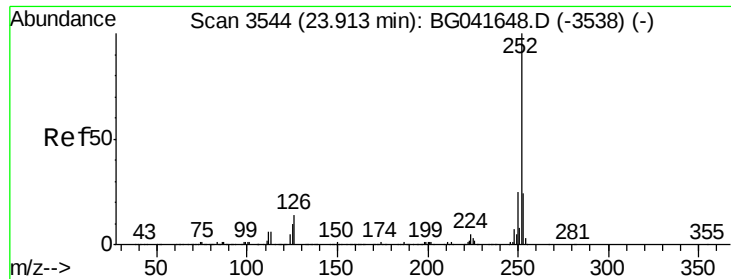


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

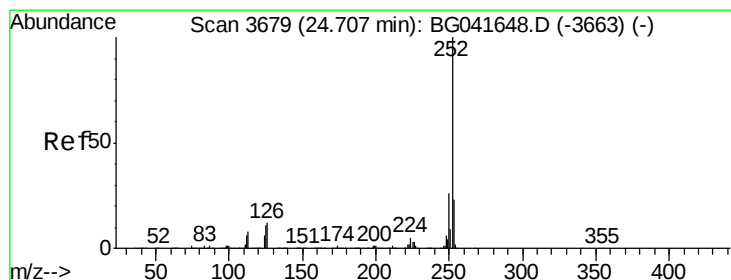
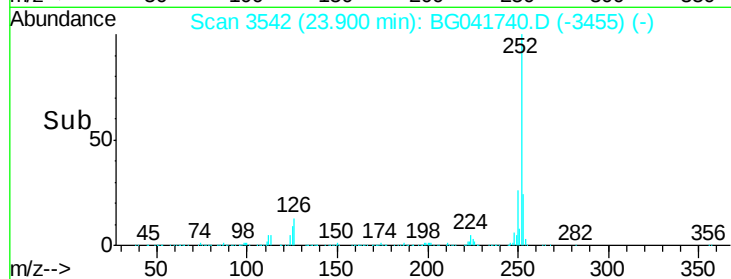
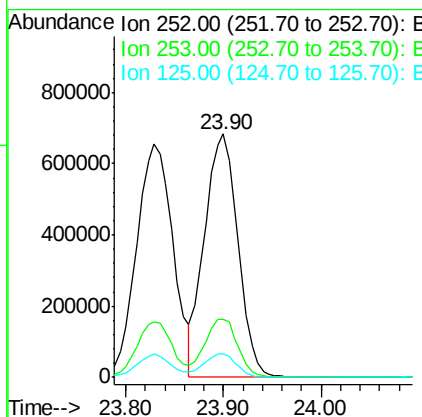
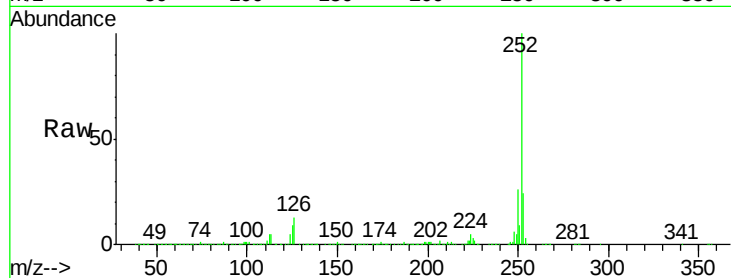




#89
Benzo(k)fluoranthene
Concen: 39.737 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.02 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

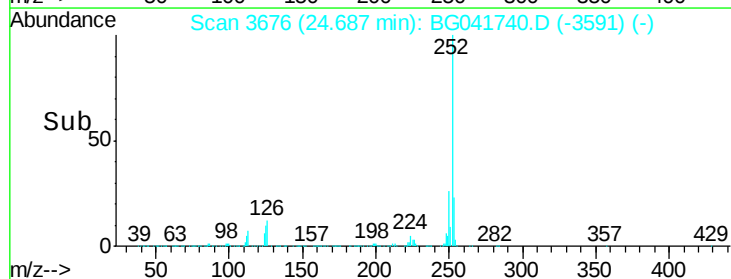
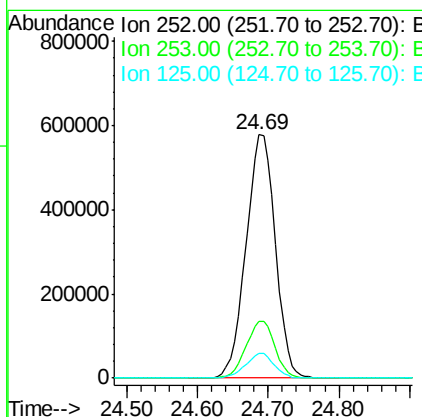
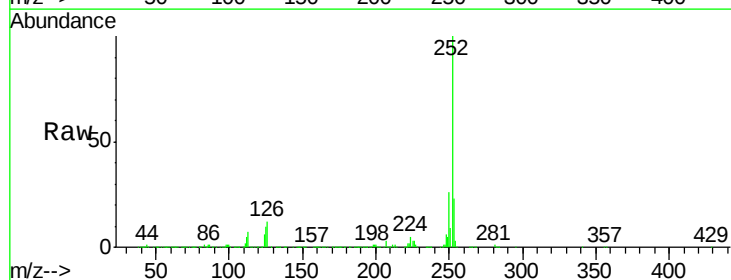
Instrument :
BNA_G
ClientSampleId :

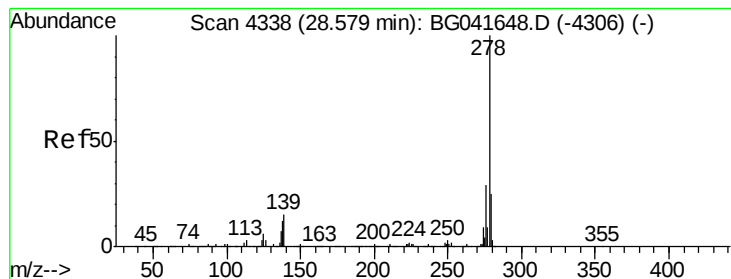
Tot Ion:252 Resp: 1614360
Ion Ratio Lower Upper
252 100
253 24.1 20.5 30.7
125 9.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.268 ng
RT: 24.69 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG041740.D
Acq: 19 Jul 2019 18:15

Tgt Ion:252 Resp: 1670428
Ion Ratio Lower Upper
252 100
253 23.2 19.8 29.8
125 10.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 40.111 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.05 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

Instrument :

BNA_G

ClientSampleId :

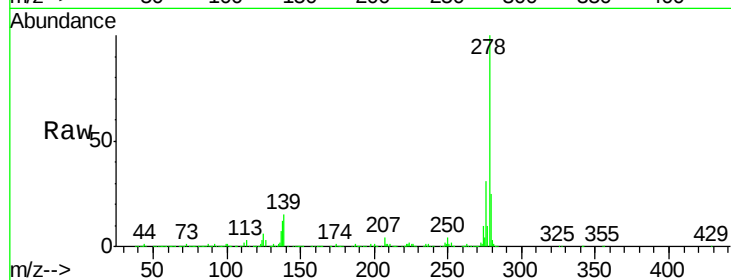
Tot Ion:278 Resp: 1613321

Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.6	19.0
279	25.2	20.5	30.7

278 100

139 14.6 12.6 19.0

279 25.2 20.5 30.7

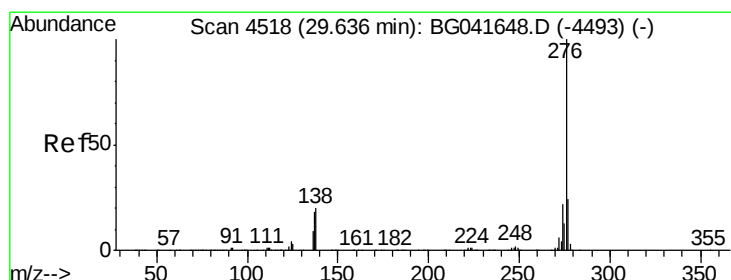
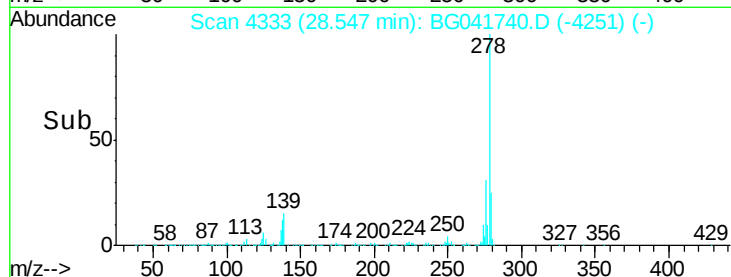
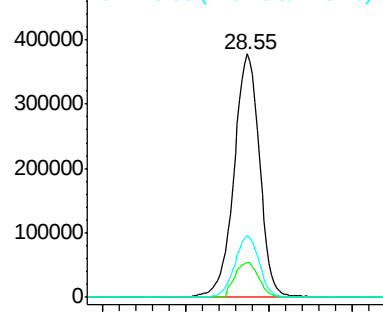


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.279 ng

RT: 29.62 min Scan# 4516

Delta R.T. -0.04 min

Lab File: BG041740.D

Acq: 19 Jul 2019 18:15

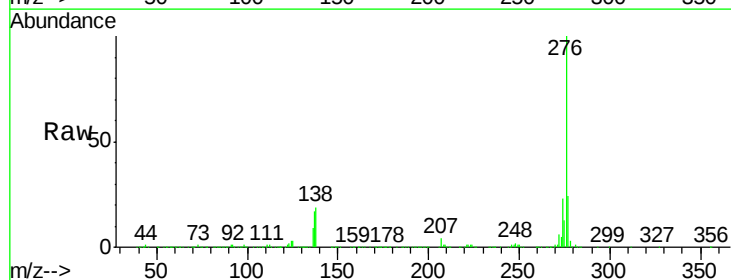
Tgt Ion:276 Resp: 1623530

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	19.2	16.6	25.0

276 100

277 24.3 19.8 29.8

138 19.2 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

