

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
 Data File : BG041650.D
 Acq On : 15 Jul 2019 15:35
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071519

Quant Time: Jul 15 16:12:05 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 15:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	95700	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	407308	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	252023	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	586892	20.00	ng	0.00
76) Chrysene-d12	21.66	240	526182	20.00	ng	0.00
87) Perylene-d12	24.86	264	609009	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	483561	82.60	ng	0.00
7) Phenol-d6	7.19	99	639151	81.17	ng	0.00
23) Nitrobenzene-d5	9.20	82	572667	85.50	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	236542	83.28	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1320942	81.16	ng	0.00
79) Terphenyl-d14	20.01	244	1954414	86.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	115036	41.374	ng	99
3) Pyridine	3.90	79	315946	42.570	ng	100
4) n-Nitrosodimethylamine	3.81	42	139480	40.695	ng	98
6) Aniline	7.37	93	423797	40.046	ng	97
8) 2-Chlorophenol	7.61	128	268150	40.461	ng	100
9) Benzaldehyde	7.18	77	197583	40.991	ng	97
10) Phenol	7.22	94	336197	40.526	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	267584	39.938	ng	99
12) 1,3-Dichlorobenzene	7.94	146	320706	40.555	ng	99
13) 1,4-Dichlorobenzene	8.09	146	318550	40.224	ng	99
14) 1,2-Dichlorobenzene	8.40	146	301315	40.355	ng	97
15) Benzyl Alcohol	8.28	79	252769	40.322	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	555004	39.976	ng	99
17) 2-Methylphenol	8.48	107	231946	40.429	ng	98
18) Hexachloroethane	9.14	117	114857	39.597	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	232019	40.315	ng	99
20) 3+4-Methylphenols	8.80	107	317873	40.432	ng	98
22) Acetophenone	8.87	105	403696	40.694	ng	# 97
24) Nitrobenzene	9.25	77	306891	42.005	ng	100
25) Isophorone	9.77	82	601081	40.986	ng	98
26) 2-Nitrophenol	9.96	139	137763	41.771	ng	98
27) 2,4-Dimethylphenol	10.02	122	233857	40.302	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	372275	41.186	ng	99
29) 2,4-Dichlorophenol	10.50	162	270239	40.848	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	313745	40.390	ng	98
31) Naphthalene	10.91	128	827540	41.269	ng	98
32) Benzoic acid	10.14	122	169041	39.579	ng	94
33) 4-Chloroaniline	11.00	127	375736	40.622	ng	99
34) Hexachlorobutadiene	11.20	225	204535	40.967	ng	99
35) Caprolactam	11.77	113	102086	41.981	ng	95
36) 4-Chloro-3-methylphenol	12.12	107	286534	41.342	ng	98
37) 2-Methylnaphthalene	12.51	142	633426	41.346	ng	100
38) 1-Methylnaphthalene	12.73	142	600474	41.113	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	342206	39.641	ng	99

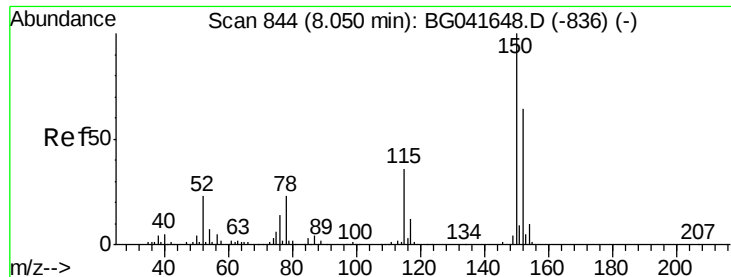
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	192690	39.459	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	231504	41.272	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	244667	41.400	ng	95
46) 1,1'-Biphenyl	13.51	154	770413	40.803	ng	98
47) 2-Chloronaphthalene	13.55	162	636375	40.441	ng	99
48) 2-Nitroaniline	13.74	65	198175	43.255	ng	99
49) Acenaphthylene	14.39	152	1003334	40.843	ng	98
50) Dimethylphthalate	14.13	163	811800	41.013	ng	98
51) 2,6-Dinitrotoluene	14.23	165	181992	43.347	ng	97
52) Acenaphthene	14.74	154	630737	40.744	ng	99
53) 3-Nitroaniline	14.56	138	196346	42.841	ng	96
54) 2,4-Dinitrophenol	14.76	184	76895	40.467	ng	96
55) Dibenzofuran	15.07	168	958227	41.249	ng	97
56) 4-Nitrophenol	14.85	139	158234	42.644	ng	98
57) 2,4-Dinitrotoluene	15.01	165	246281	44.376	ng	97
58) Fluorene	15.71	166	767466	40.602	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	228955	41.964	ng	99
60) Diethylphthalate	15.48	149	817002	40.972	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	428878	40.139	ng	99
62) 4-Nitroaniline	15.72	138	208861	42.969	ng	99
63) Azobenzene	16.00	77	737400	40.903	ng	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	109153	40.405	ng	98
66) n-Nitrosodiphenylamine	15.92	169	710146	41.204	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	284430	40.730	ng	99
68) Hexachlorobenzene	16.72	284	284027	40.390	ng	98
69) Atrazine	16.86	200	250264	40.013	ng	99
70) Pentachlorophenol	17.05	266	190609	43.351	ng	98
71) Phenanthrene	17.45	178	1235332	41.796	ng	96
72) Anthracene	17.54	178	1237779	42.014	ng	96
73) Carbazole	17.80	167	1149352	42.065	ng	98
74) Di-n-butylphthalate	18.38	149	1384242	41.537	ng	97
75) Fluoranthene	19.45	202	1484159	40.895	ng	95
77) Benzidine	19.62	184	716871	38.250	ng	98
78) Pyrene	19.81	202	1477909	41.529	ng	93
80) Butylbenzylphthalate	20.70	149	633778	42.857	ng	98
81) Benzo(a)anthracene	21.64	228	1433053	42.153	ng	95
82) 3,3'-Dichlorobenzidine	21.55	252	554922	41.480	ng	99
83) Chrysene	21.71	228	1369417	42.155	ng	95
84) Bis(2-ethylhexyl)phthalate	21.57	149	886283	42.447	ng	96
85) Di-n-octyl phthalate	22.78	149	1527320	42.953	ng	98
86) Indeno(1,2,3-cd)pyrene	28.51	276	1748281	40.787	ng	# 93
88) Benzo(b)fluoranthene	23.85	252	1535835	41.575	ng	97
89) Benzo(k)fluoranthene	23.92	252	1450950	42.388	ng	97
90) Benzo(a)pyrene	24.71	252	1452677	41.563	ng	98
91) Dibenzo(a,h)anthracene	28.58	278	1401777	41.365	ng	99
92) Benzo(g,h,i)perylene	29.65	276	1398726	41.187	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# 845

Delta R.T. -0.00 min

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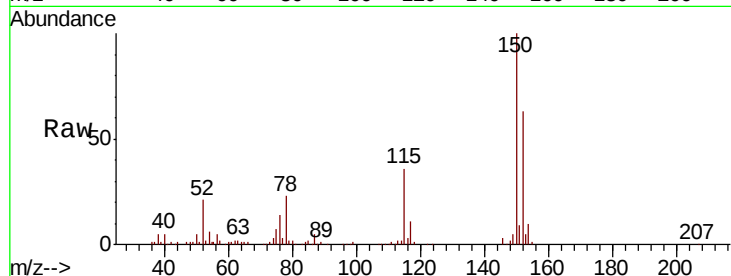
Tot Ion:152 Resp: 95700

Ion Ratio Lower Upper

152 100

150 159.8 126.9 190.3

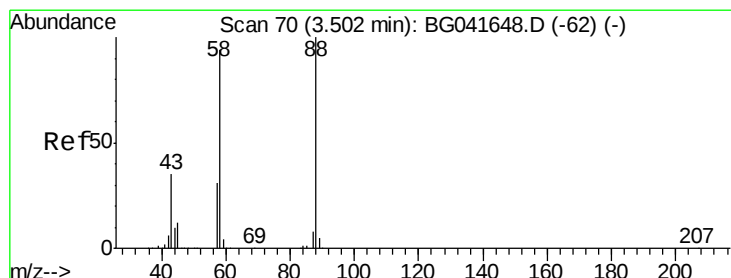
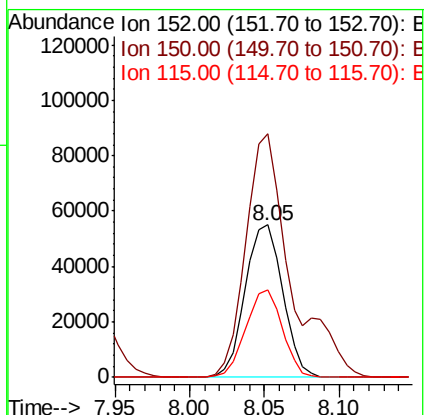
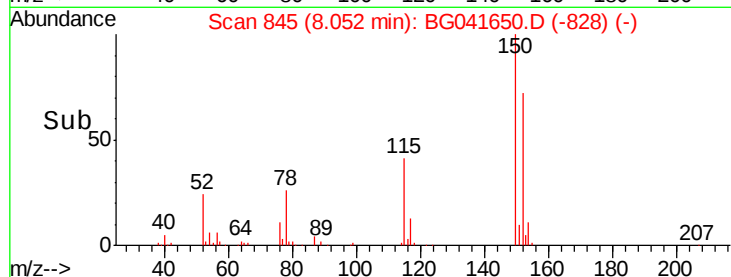
115 57.3 45.0 67.6



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: 41.374 ng

RT: 3.50 min Scan# 70

Delta R.T. 0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

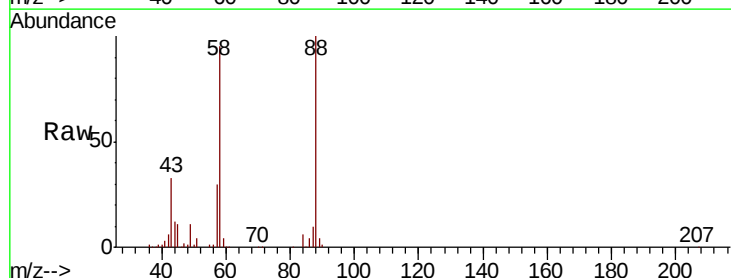
Tgt Ion: 88 Resp: 115036

Ion Ratio Lower Upper

88 100

58 93.9 76.2 114.2

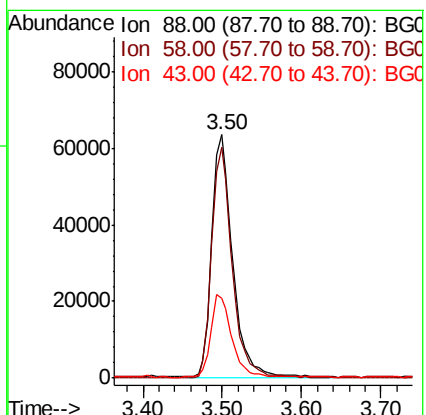
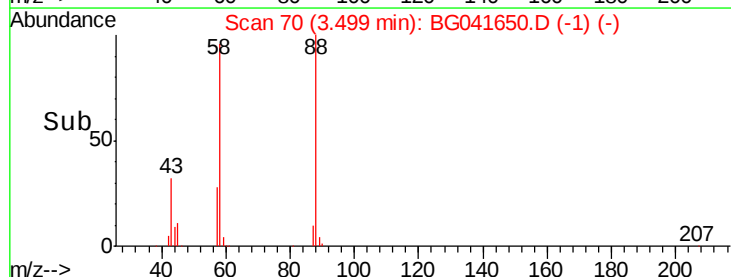
43 34.6 27.2 40.8

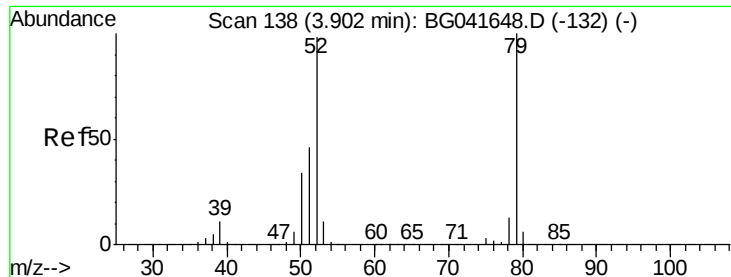


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.570 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

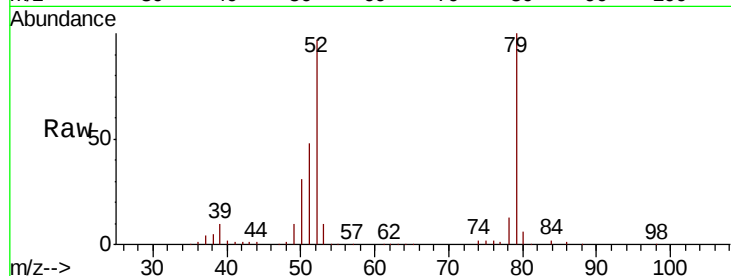
Tot Ion: 79 Resp: 315946

Ion Ratio Lower Upper

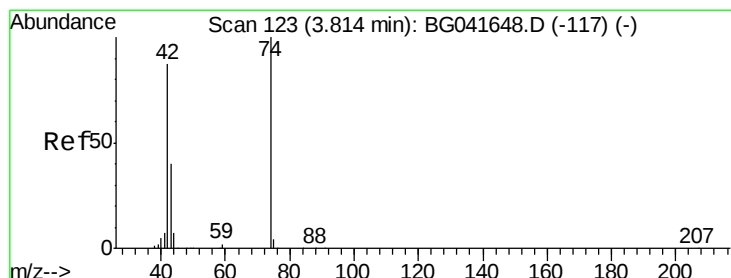
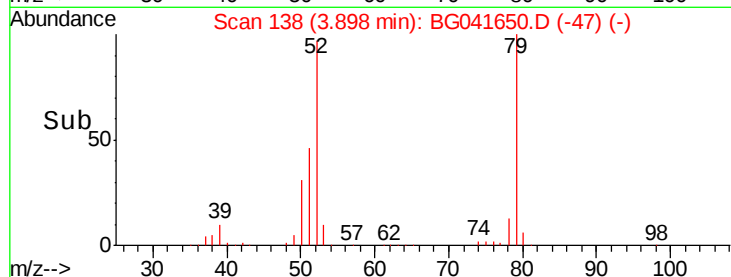
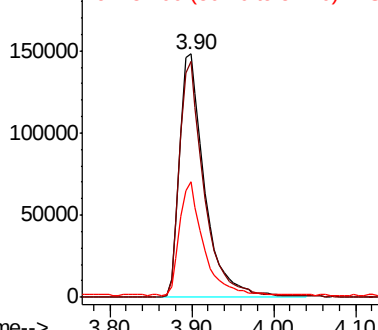
79 100

52 96.7 77.1 115.7

51 47.6 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
200000 Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.695 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

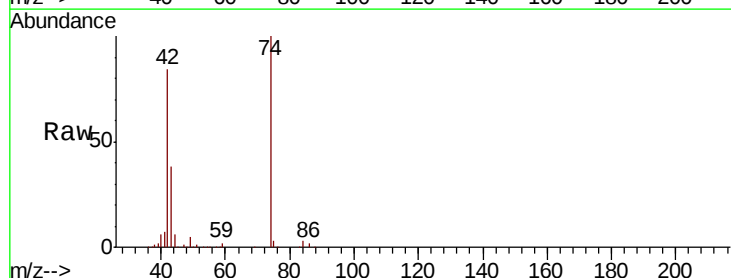
Tgt Ion: 42 Resp: 139480

Ion Ratio Lower Upper

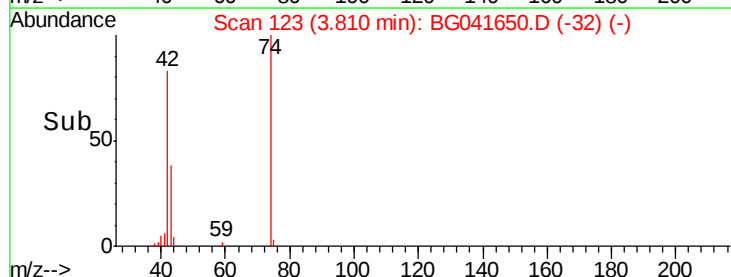
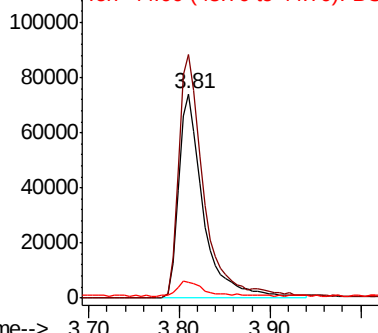
42 100

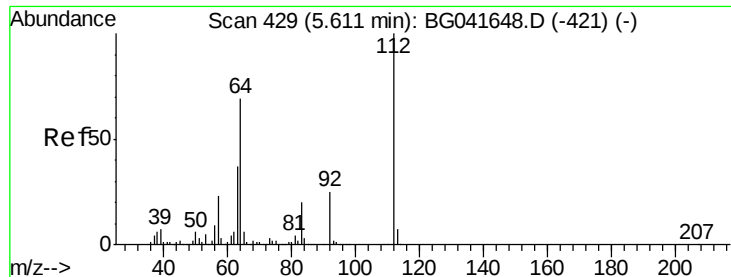
74 119.3 97.4 146.2

44 7.7 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BGC
120000 Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.602 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

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ClientSampleId :

ICVBG071519

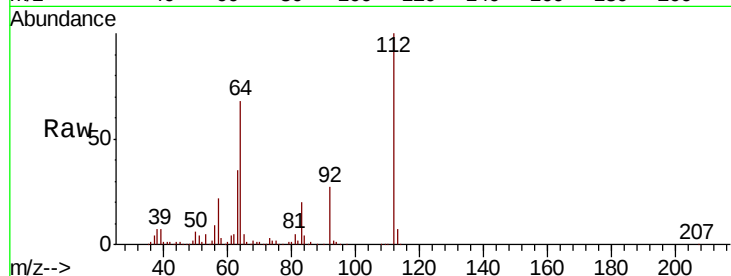
Tot Ion:112 Resp: 483561

Ion Ratio Lower Upper

112 100

64 68.4 55.4 83.2

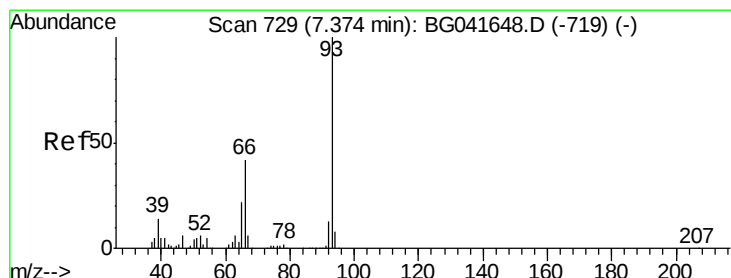
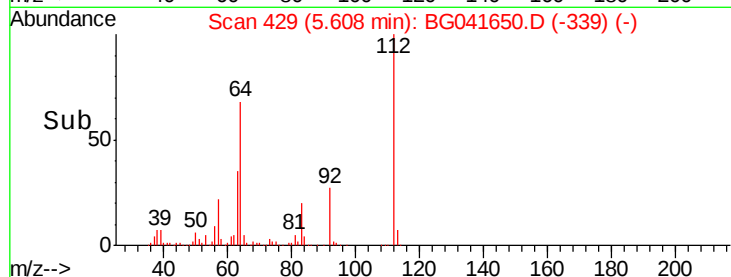
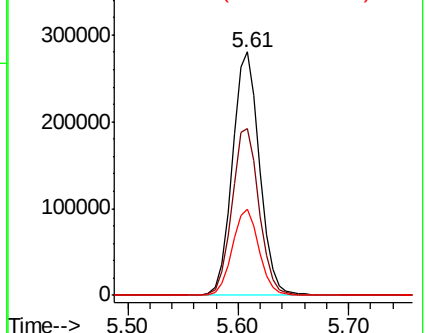
63 35.4 29.1 43.7



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: 40.046 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

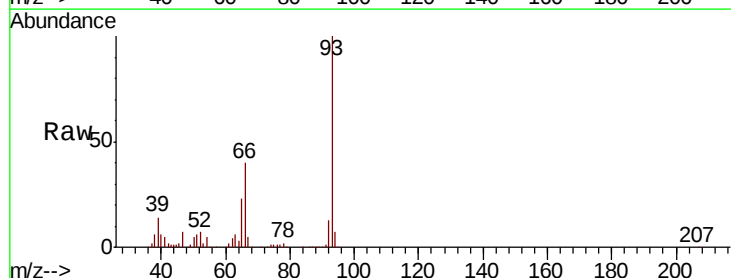
Tgt Ion: 93 Resp: 423797

Ion Ratio Lower Upper

93 100

66 40.2 34.2 51.2

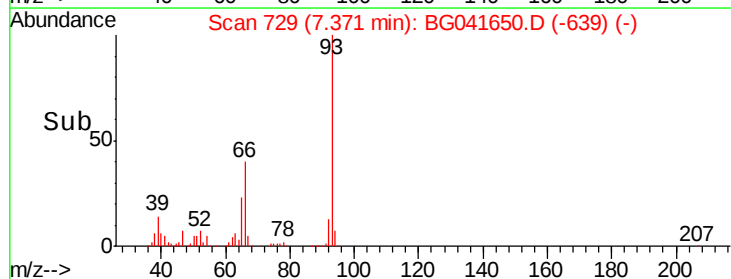
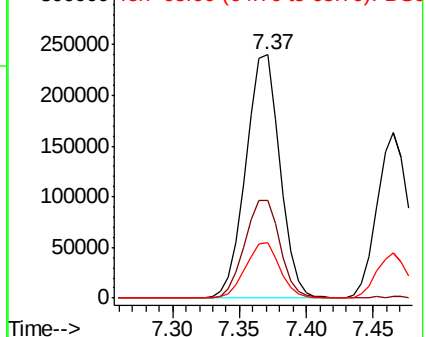
65 22.5 18.2 27.2

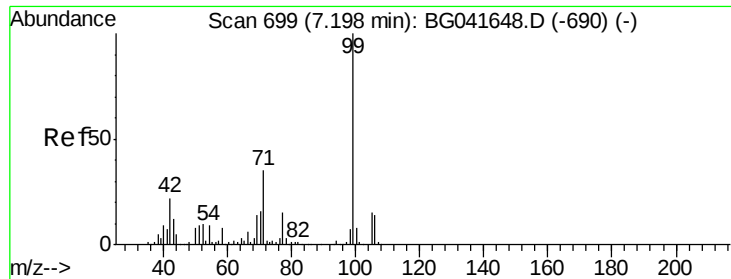


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.172 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

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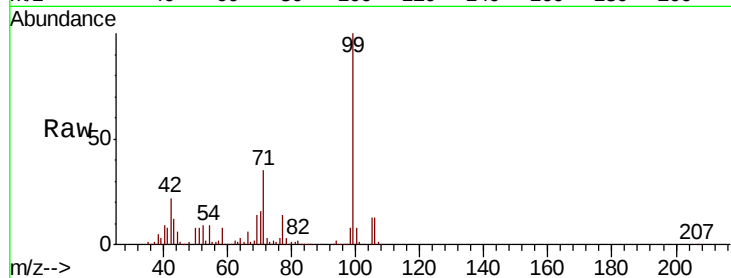
Tot Ion: 99 Resp: 639151

Ion Ratio Lower Upper

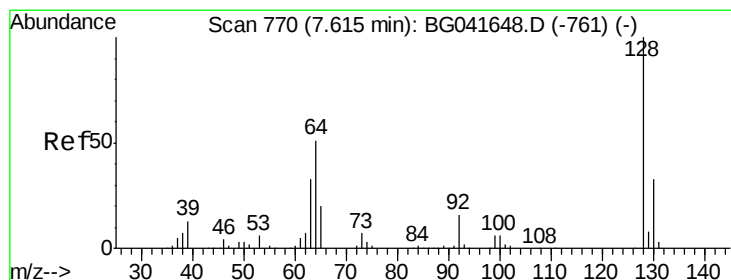
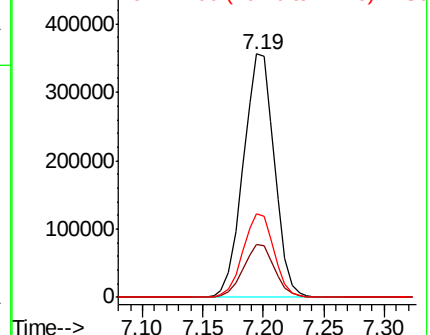
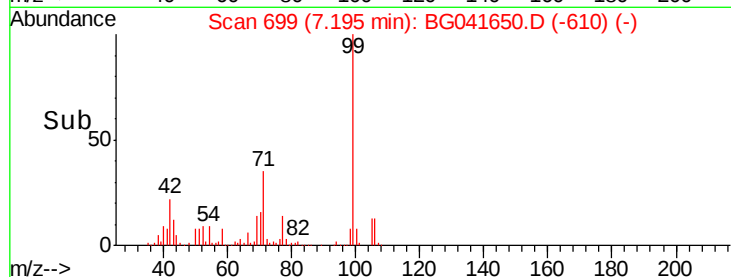
99 100

42 21.6 17.6 26.4

71 34.6 27.8 41.6



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



#8

2-Chlorophenol

Concen: 40.461 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

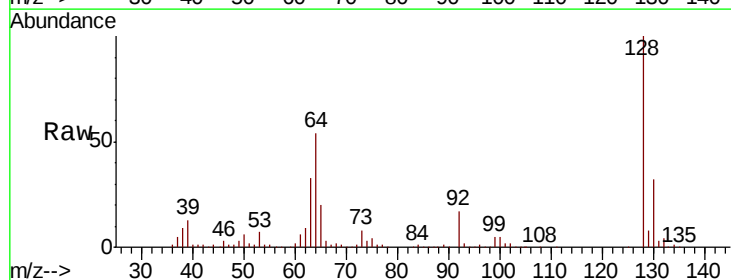
Tgt Ion: 128 Resp: 268150

Ion Ratio Lower Upper

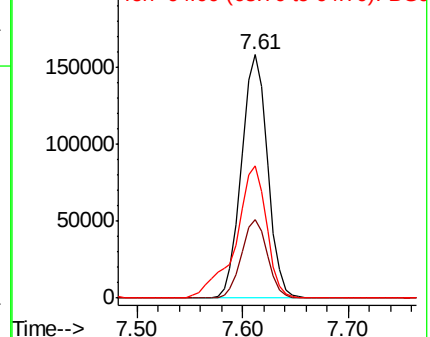
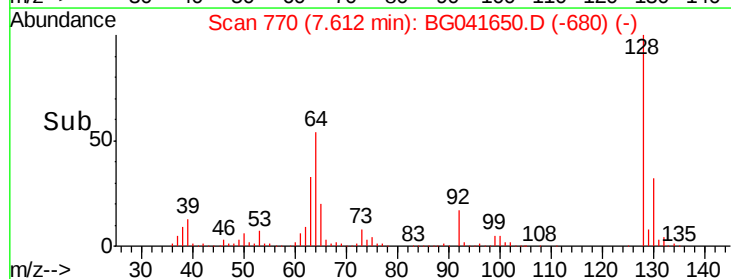
128 100

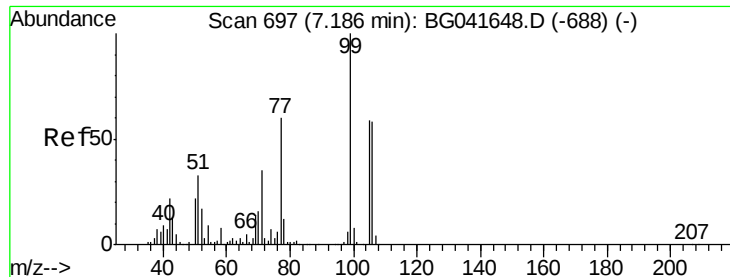
130 32.5 12.4 52.4

64 54.5 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: 40.991 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

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ClientSampleId :

ICVBG071519

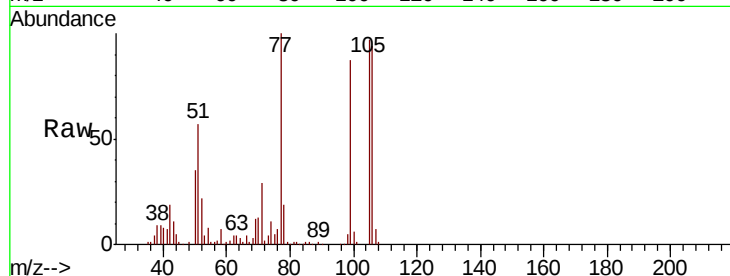
Tot Ion: 77 Resp: 197583

Ion Ratio Lower Upper

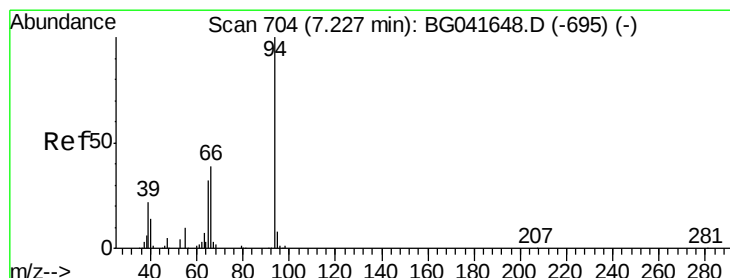
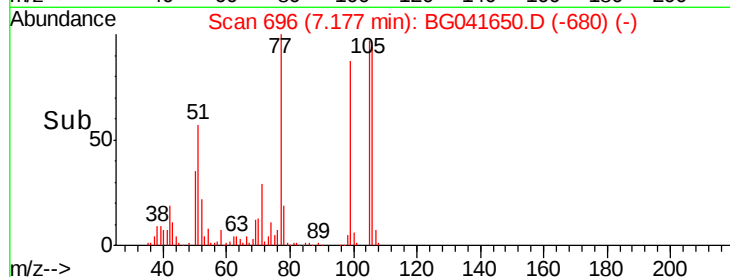
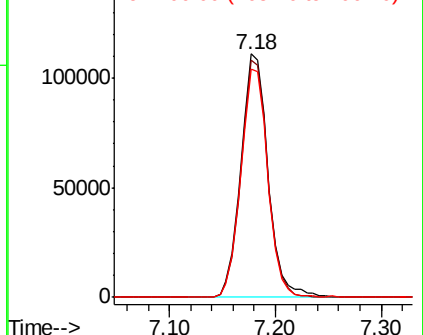
77 100

105 97.5 74.6 114.6

106 93.6 71.1 111.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.526 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

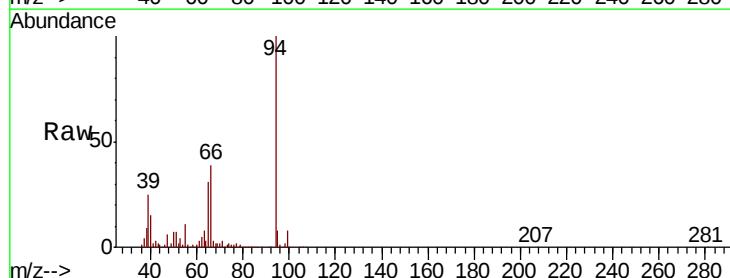
Tgt Ion: 94 Resp: 336197

Ion Ratio Lower Upper

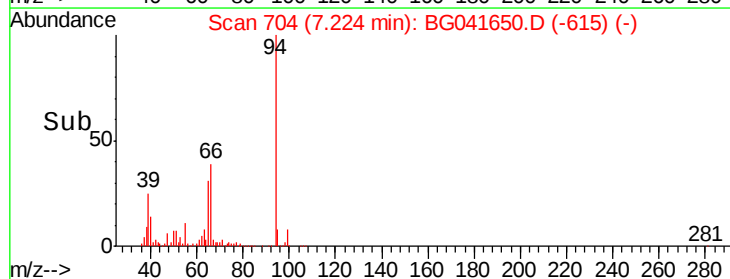
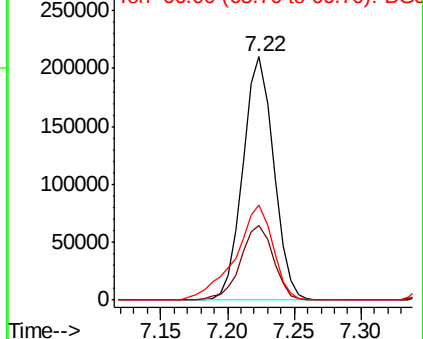
94 100

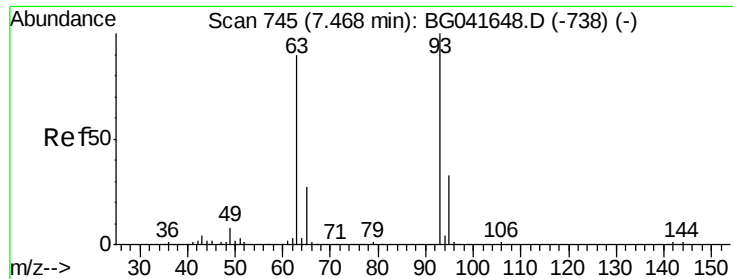
65 30.9 10.6 50.6

66 39.0 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

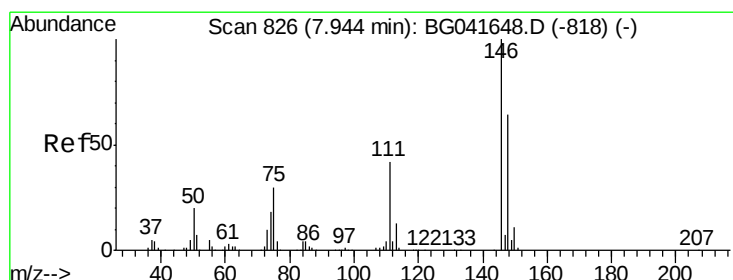
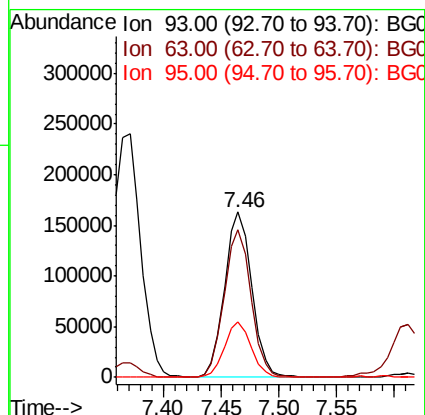
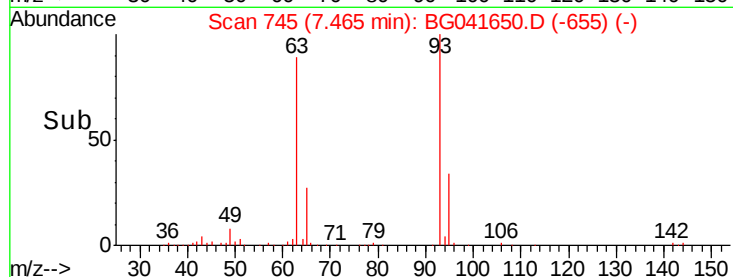
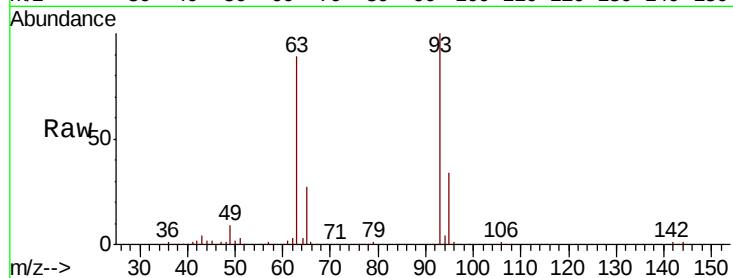




#11
bis(2-Chloroethyl)ether
Concen: 39.938 ng
RT: 7.46 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

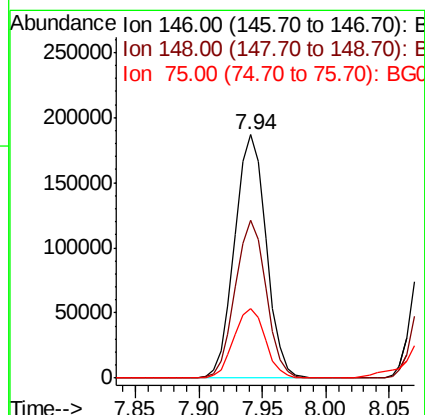
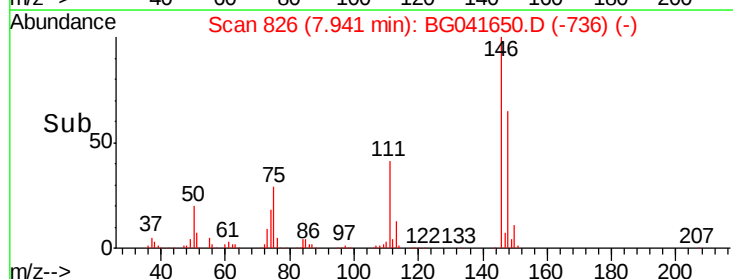
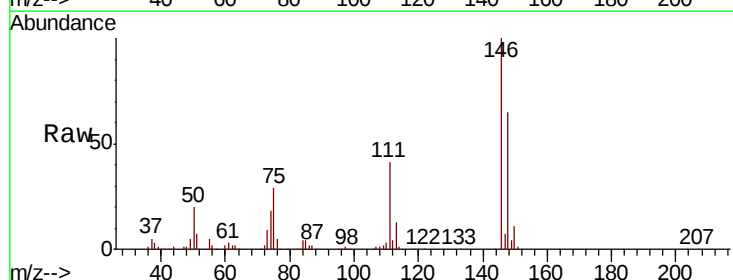
Instrument :
BNA_G
ClientSampleId :
ICVBG071519

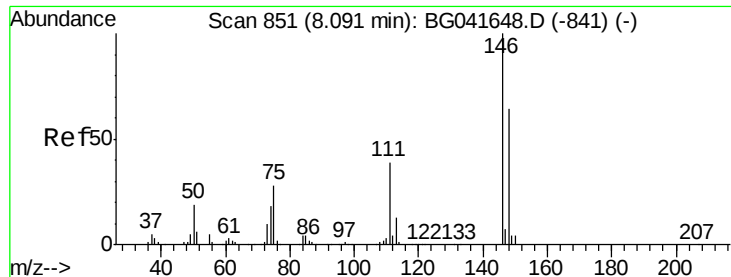
Tot Ion: 93 Resp: 267584
Ion Ratio Lower Upper
93 100
63 89.5 70.4 110.4
95 33.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.555 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion: 146 Resp: 320706
Ion Ratio Lower Upper
146 100
148 64.9 51.5 77.3
75 28.8 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 40.224 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

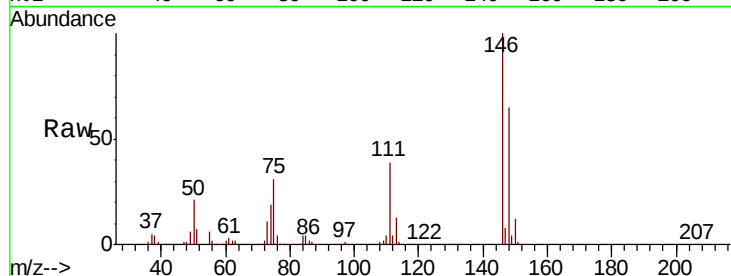
Tot Ion:146 Resp: 318550

Ion Ratio Lower Upper

146 100

148 65.0 52.6 79.0

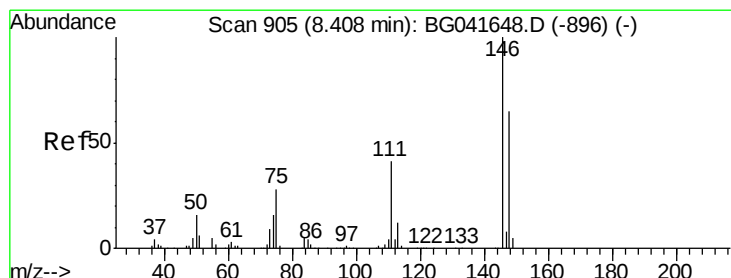
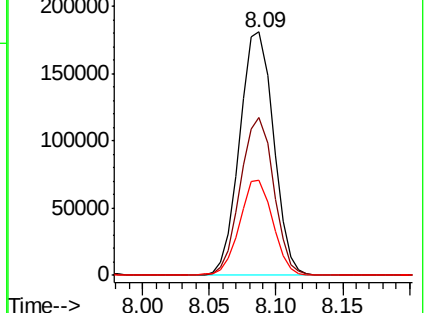
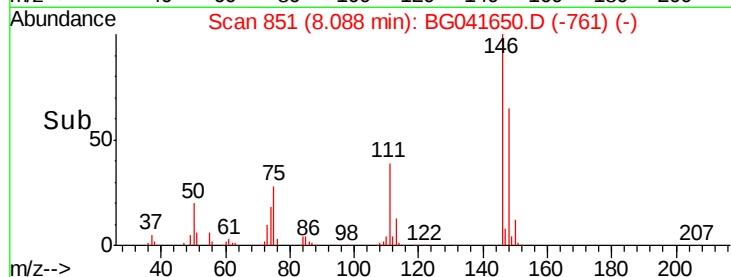
111 39.2 32.5 48.7



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: 40.355 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

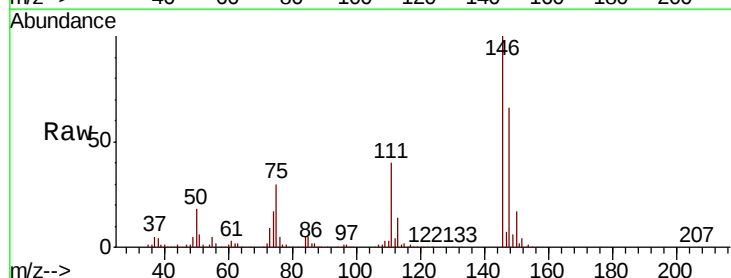
Tgt Ion:146 Resp: 301315

Ion Ratio Lower Upper

146 100

148 66.1 53.5 80.3

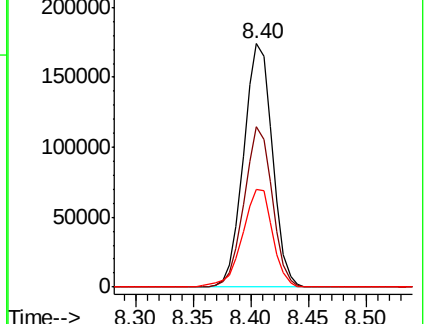
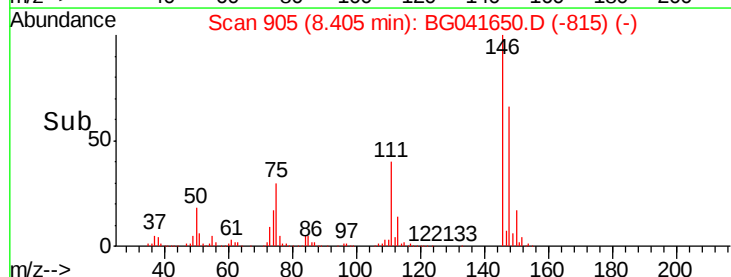
111 40.1 35.4 53.0

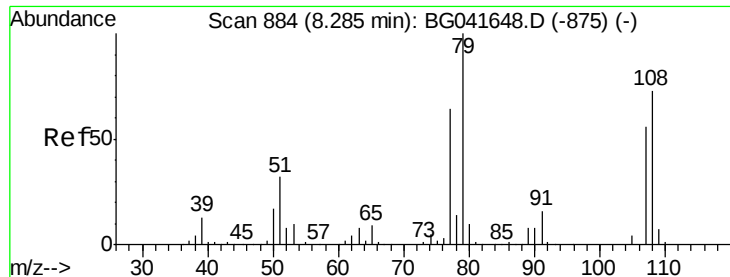


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.322 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

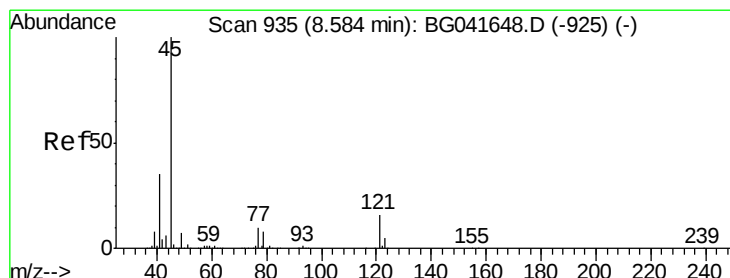
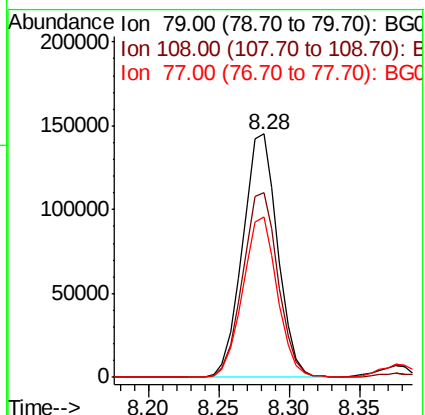
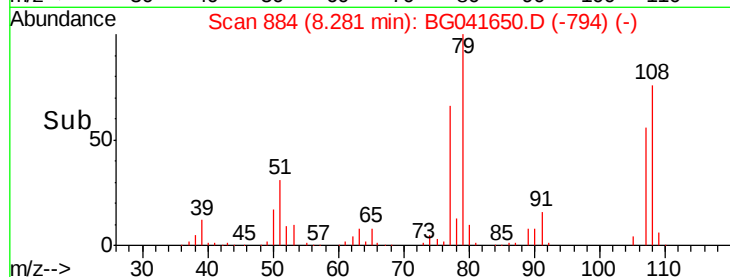
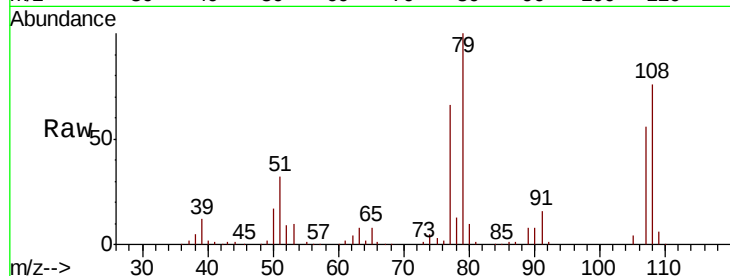
Tot Ion: 79 Resp: 252769

Ion Ratio Lower Upper

79 100

108 75.8 60.5 90.7

77 66.0 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.976 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

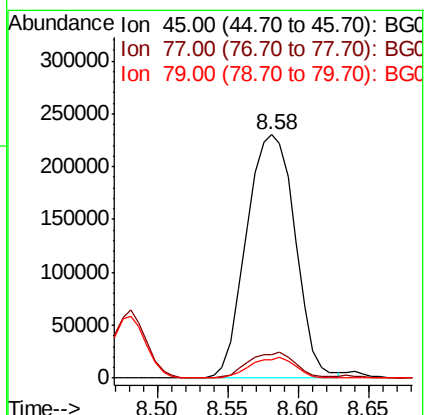
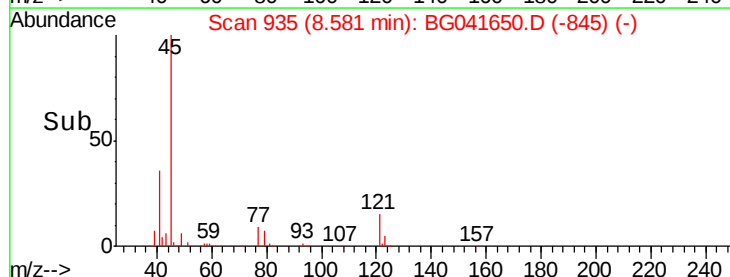
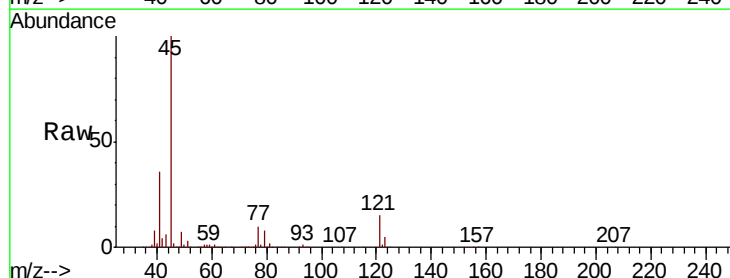
Tgt Ion: 45 Resp: 555004

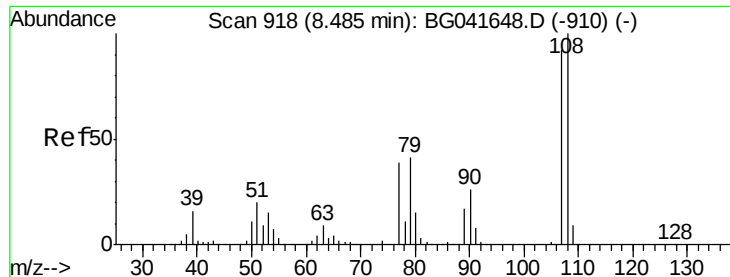
Ion Ratio Lower Upper

45 100

77 9.6 0.0 30.4

79 7.8 0.0 27.9

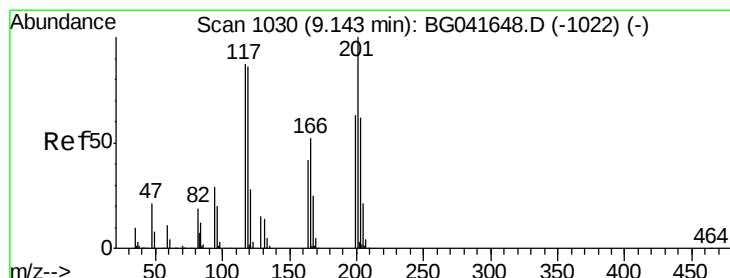
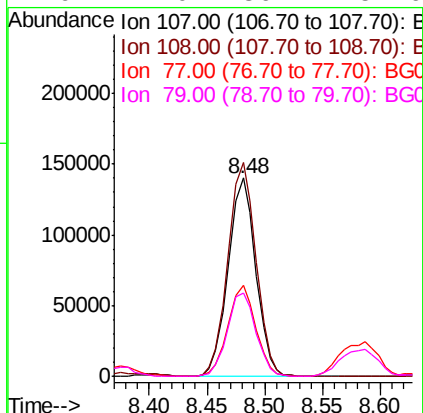
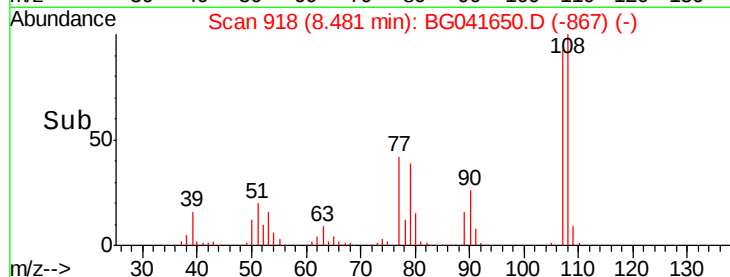
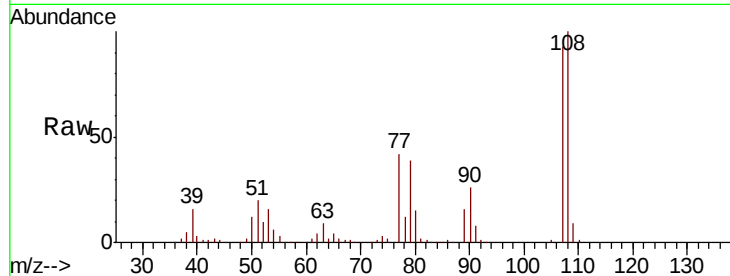




#17
2-Methylphenol
Concen: 40.429 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

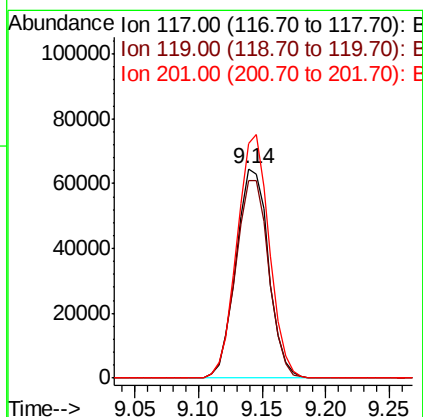
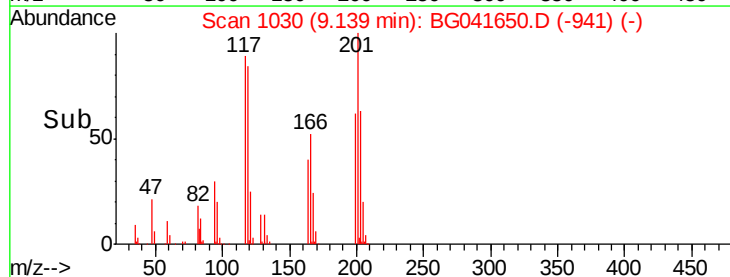
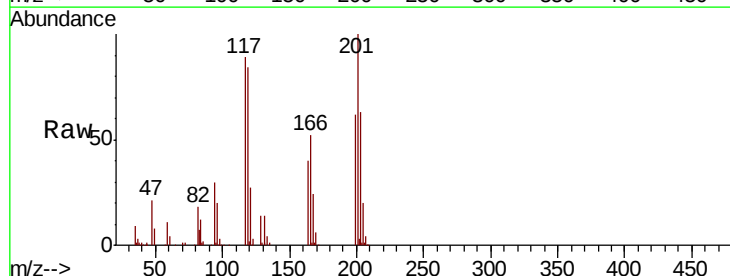
Instrument :
BNA_G
ClientSampleId :
ICVBG071519

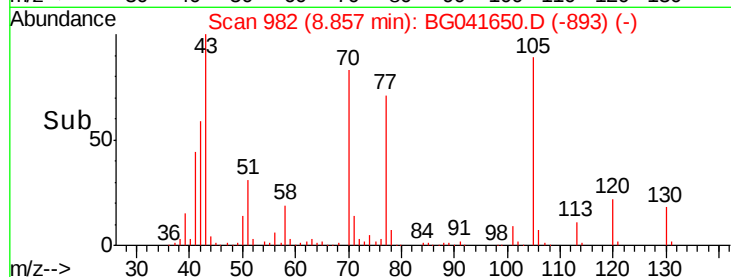
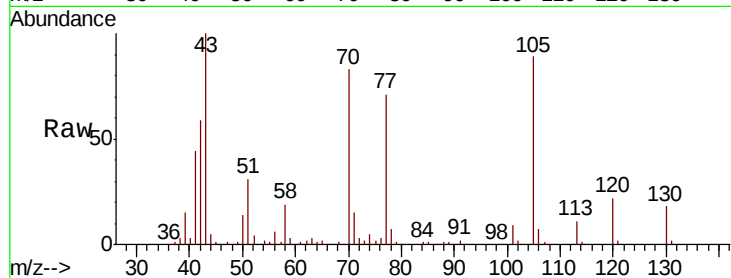
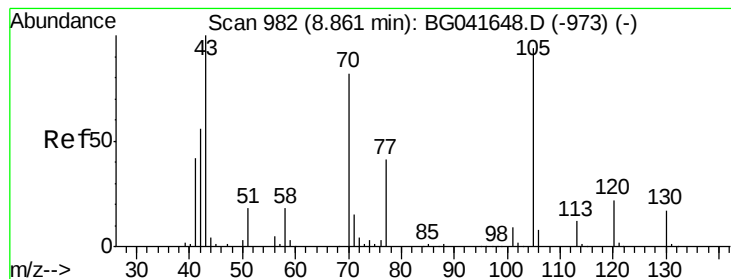
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.9	87.6	131.4
77	45.8	36.1	54.1
79	42.0	36.4	54.6



#18
Hexachloroethane
Concen: 39.597 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.2	114.2
201	112.2	94.1	141.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.315 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

Tot Ion: 70 Resp: 232019

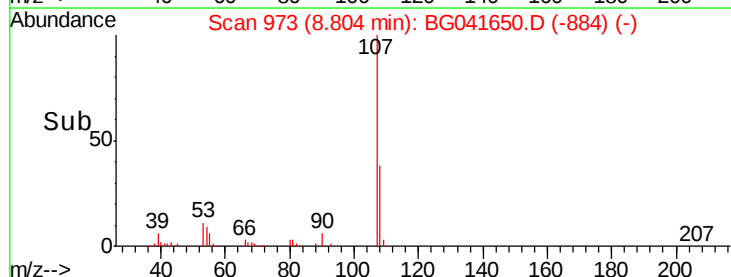
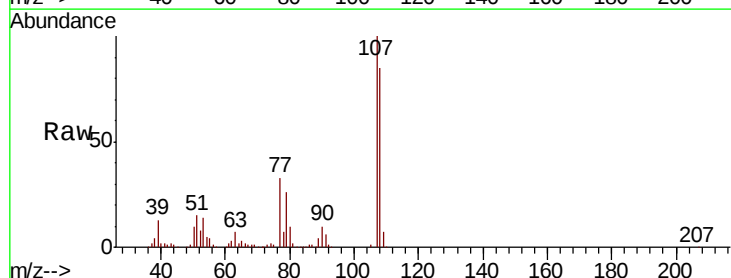
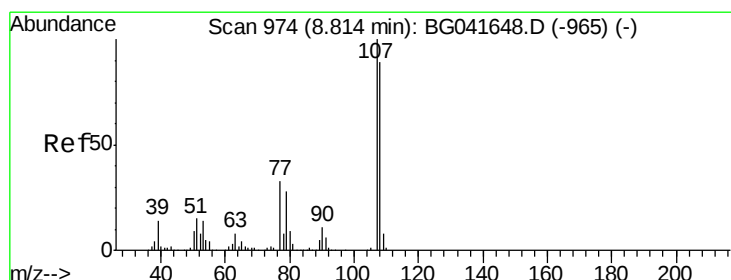
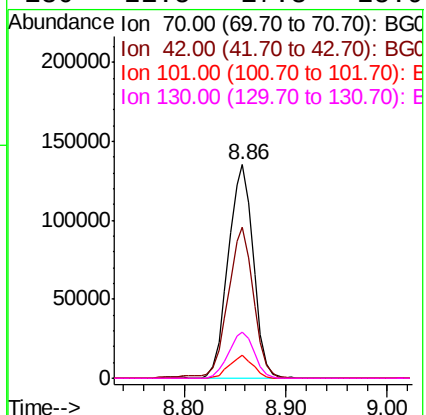
Ion Ratio Lower Upper

70 100

42 70.7 55.8 83.6

101 10.6 8.1 12.1

130 21.5 17.3 25.9



#20

3+4-Methylphenols

Concen: 40.432 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Tgt Ion: 107 Resp: 317873

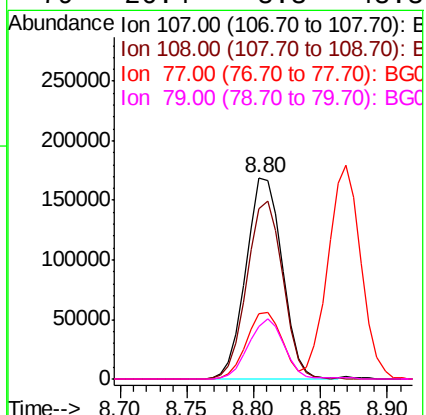
Ion Ratio Lower Upper

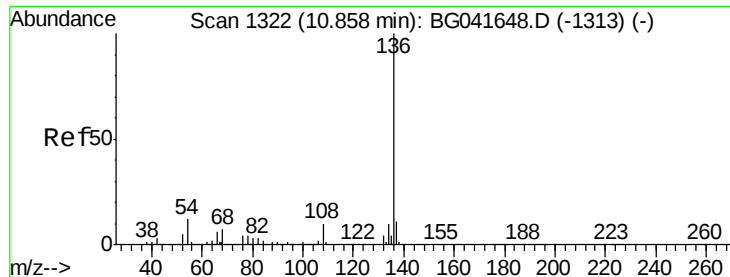
107 100

108 84.9 67.5 107.5

77 32.5 12.3 52.3

79 26.4 8.3 48.3

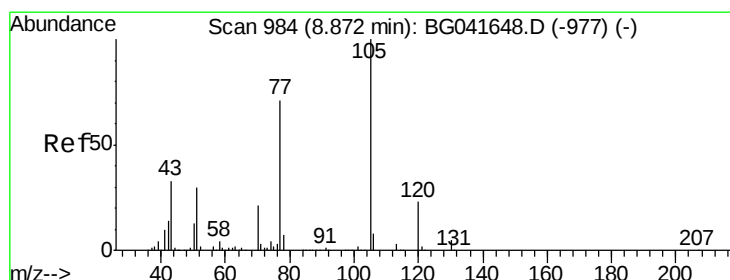
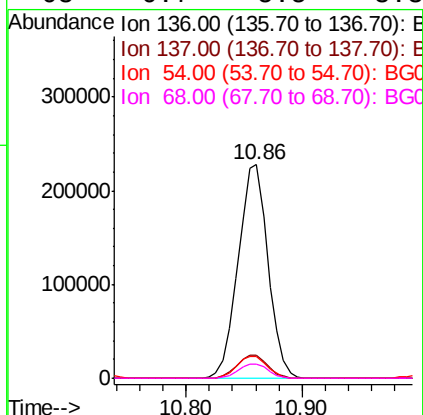
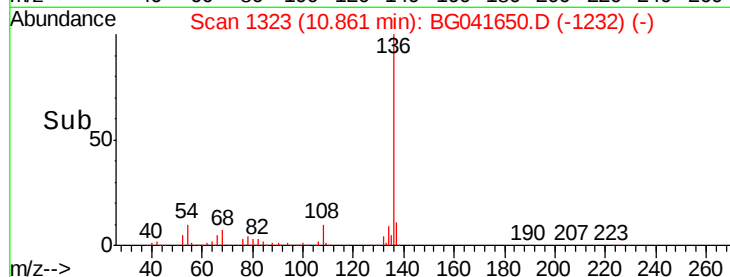
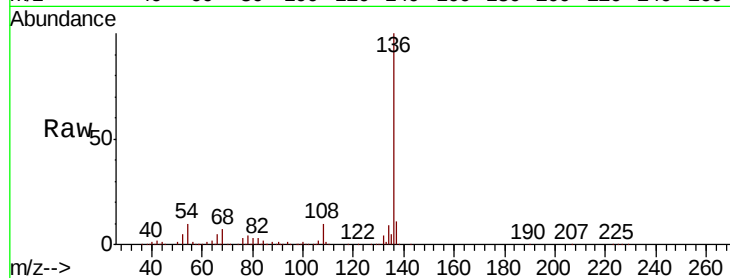




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

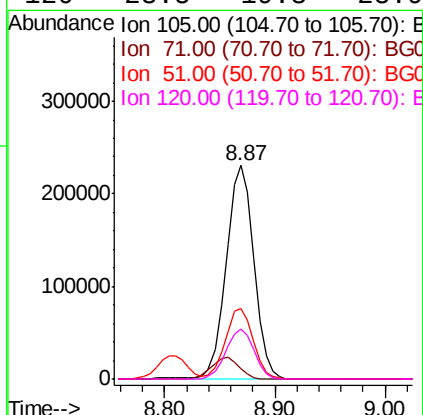
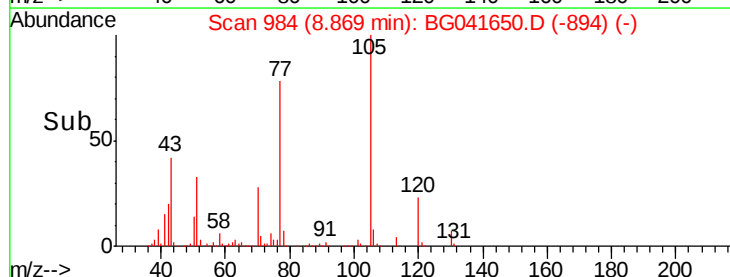
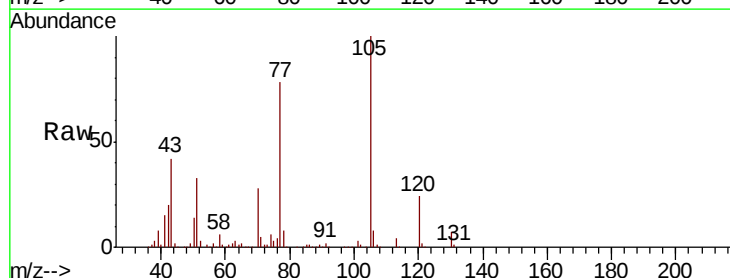
Instrument :
BNA_G
ClientSampleId :
ICVBG071519

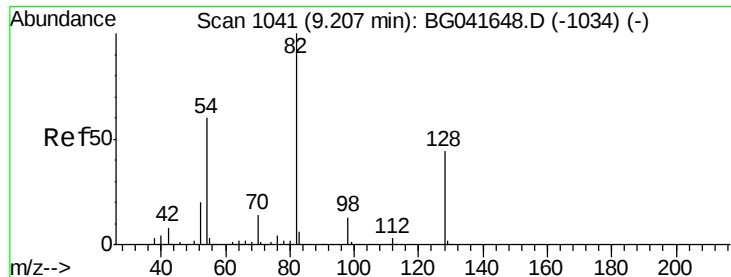
Tot Ion:136	Resp:	407308
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.2 13.8
54	10.4	8.7 13.1
68	6.7	5.5 8.3



#22
Acetophenone
Concen: 40.694 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion:105	Resp:	403696
Ion	Ratio	Lower Upper
105	100	
71	5.1	5.9 8.9#
51	33.1	27.7 41.5
120	23.5	19.3 28.9

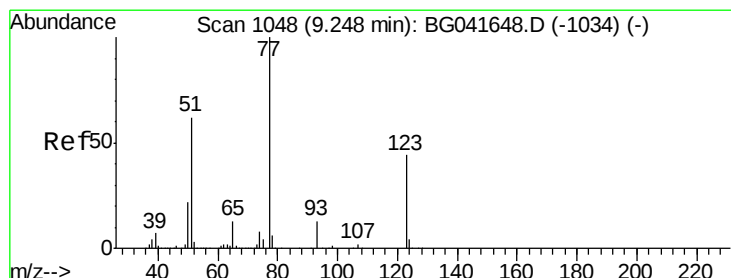
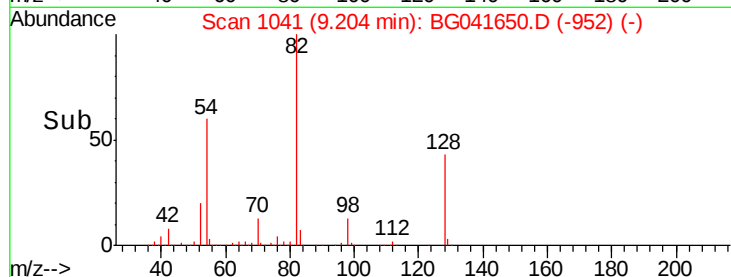
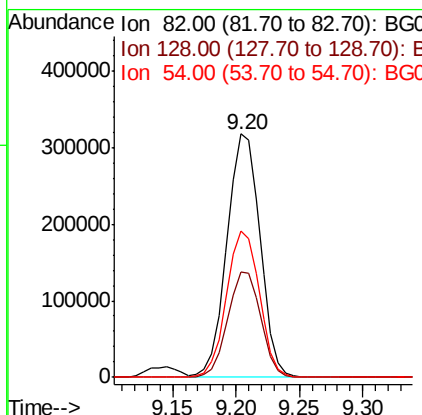
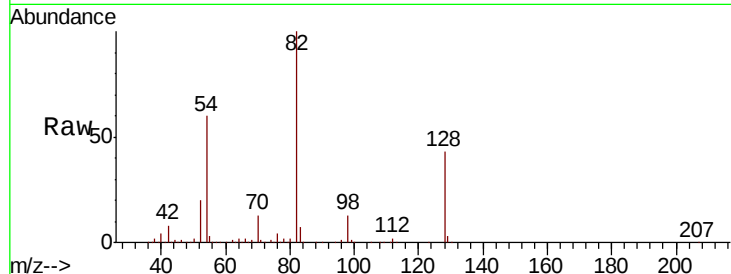




#23
 Nitrobenzene-d5
 Concen: 85.505 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

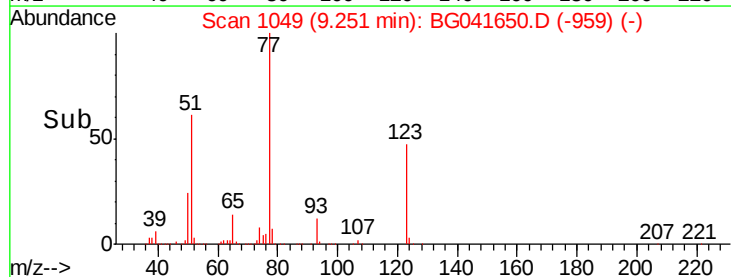
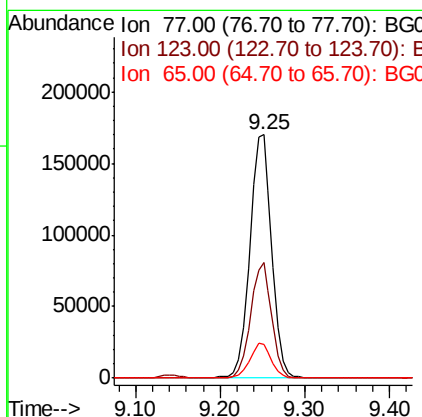
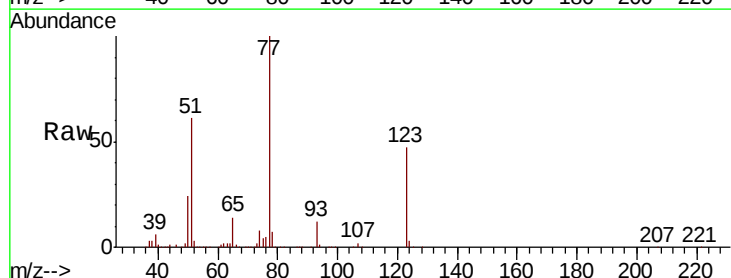
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071519

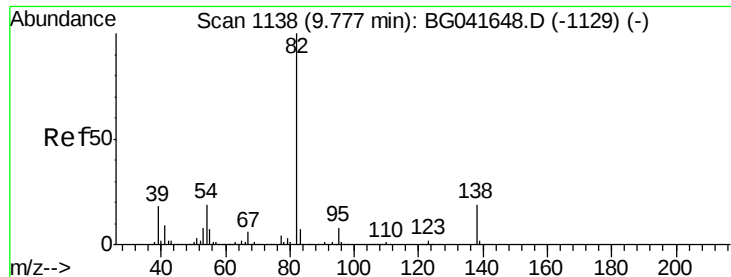
Tot Ion	82	Resp	572667
Ion Ratio	Lower	Upper	
82	100		
128	43.1	35.1	52.7
54	60.4	48.7	73.1



#24
 Nitrobenzene
 Concen: 42.005 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

Tgt Ion	77	Resp	306891
Ion Ratio	Lower	Upper	
77	100		
123	47.4	38.1	57.1
65	14.0	11.0	16.6





#25

Isophorone

Concen: 40.986 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

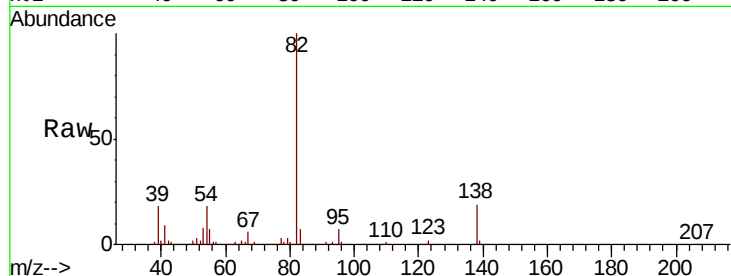
Tot Ion: 82 Resp: 601081

Ion Ratio Lower Upper

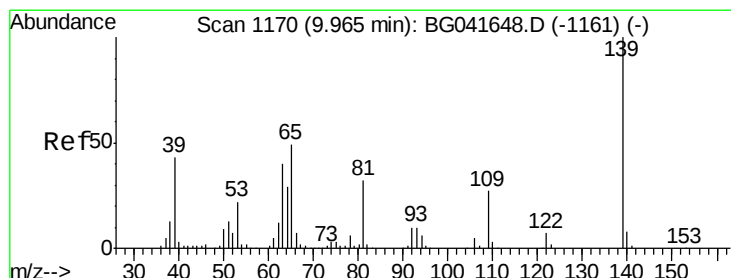
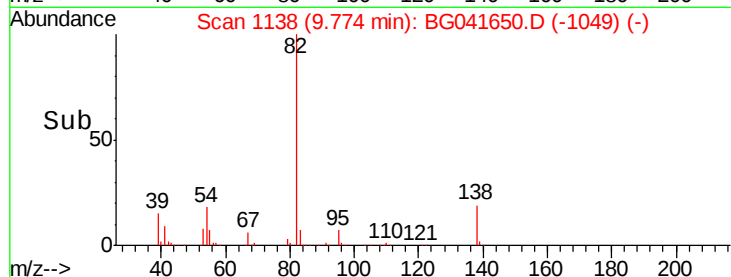
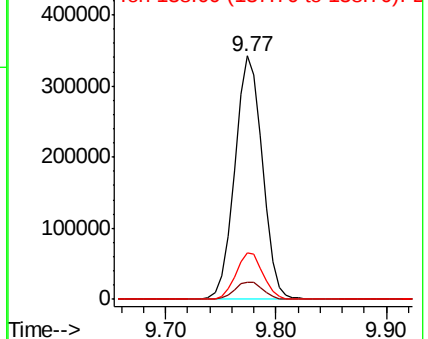
82 100

95 7.2 5.9 8.9

138 19.4 16.3 24.5



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



#26

2-Nitrophenol

Concen: 41.771 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

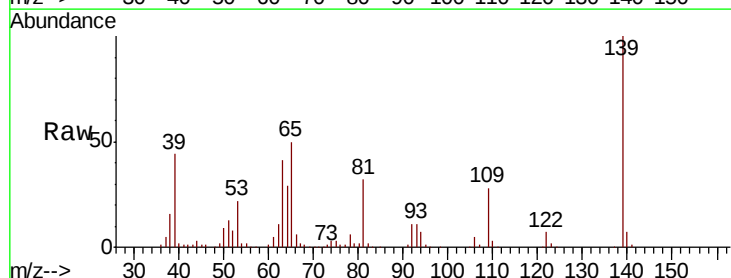
Tgt Ion: 139 Resp: 137763

Ion Ratio Lower Upper

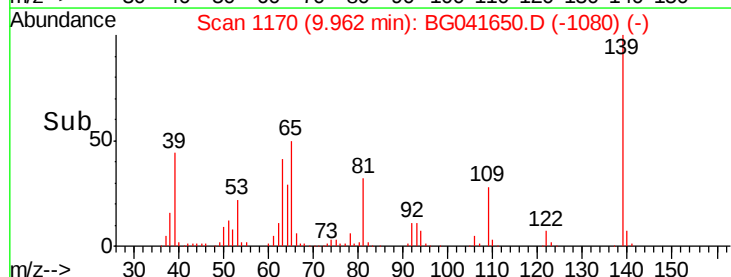
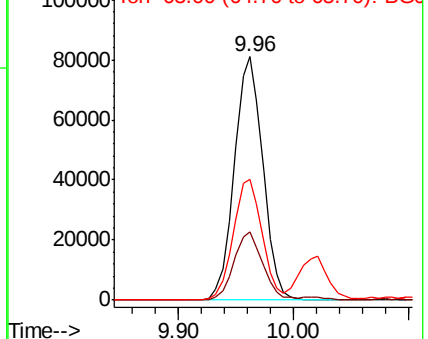
139 100

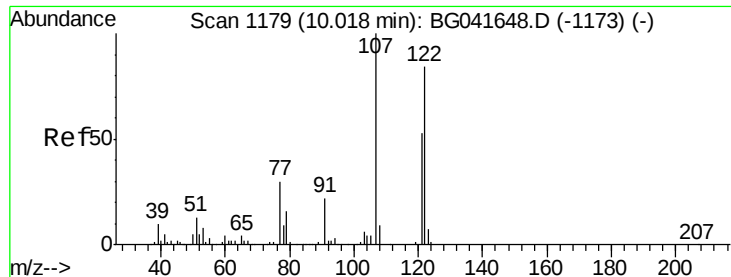
109 28.3 22.7 34.1

65 49.8 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

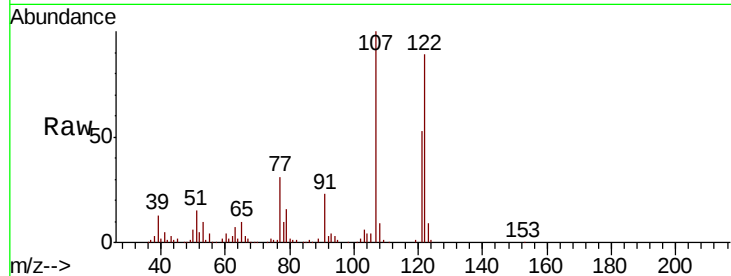




#27
 2,4-Dimethylphenol
 Concen: 40.302 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071519

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.5	91.3	136.9
121	59.9	49.2	73.8

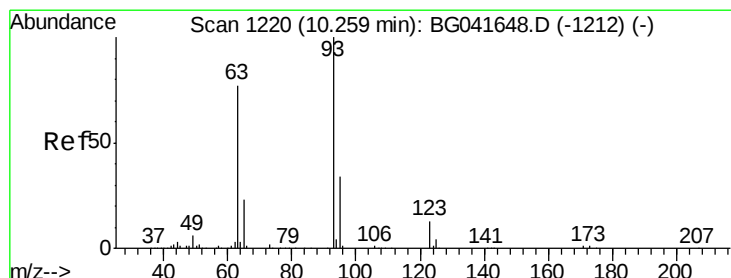
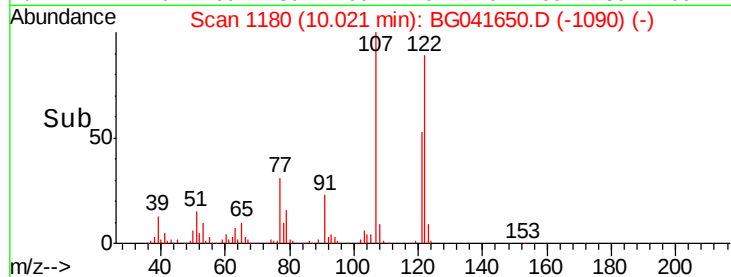
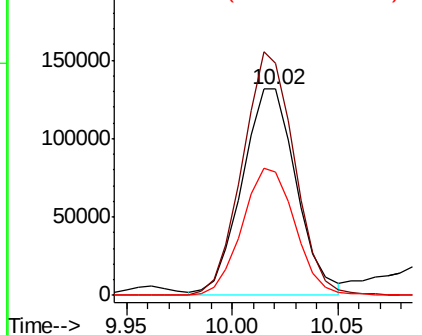


Abundance

Ion 122.00 (121.70 to 122.70): E

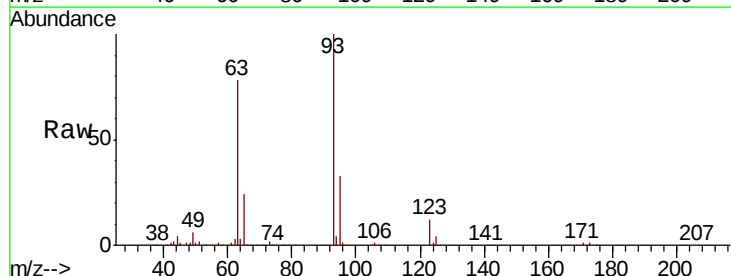
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.186 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.8	9.9	14.9

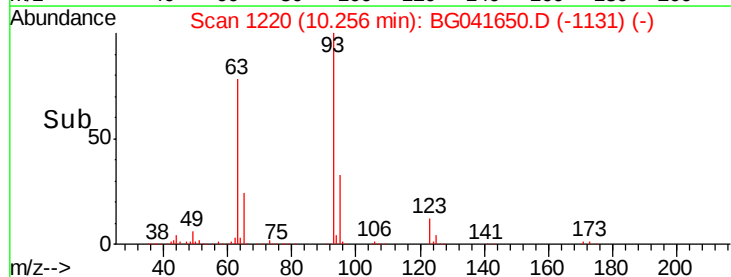
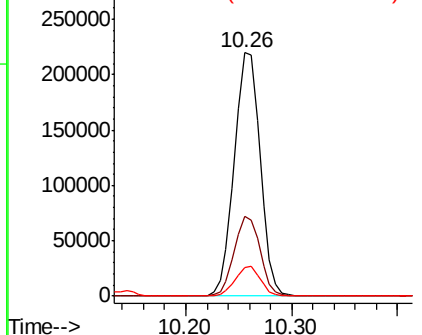


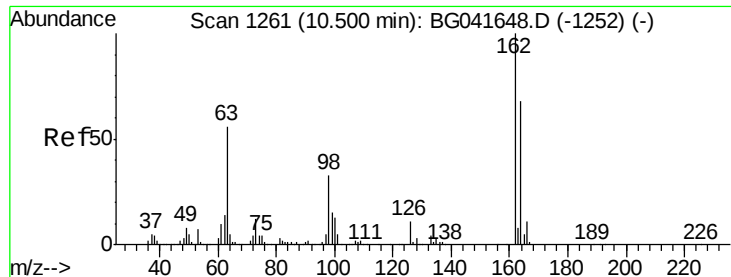
Abundance

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

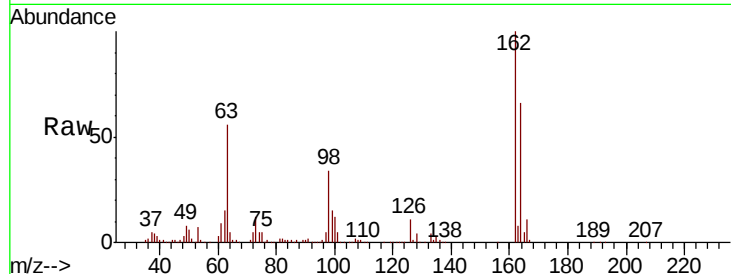




#29
2,4-Dichlorophenol
Concen: 40.848 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Instrument :
BNA_G
ClientSampleId :
ICVBG071519

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	46.1	86.1
98	34.0	14.7	54.7

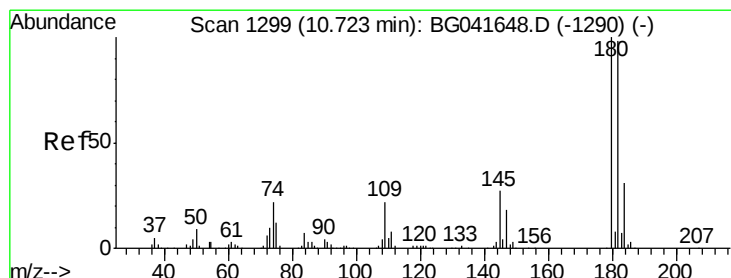
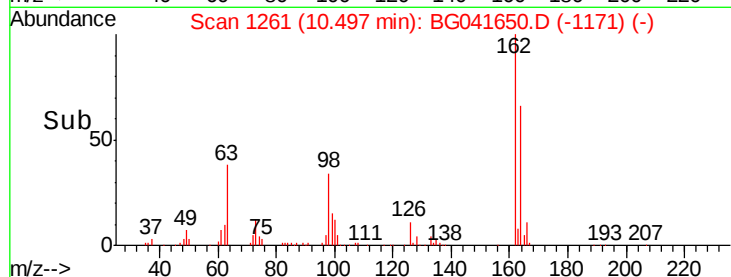
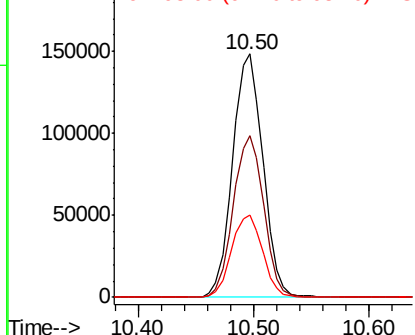


Abundance

Ion 162.00 (161.70 to 162.70): E

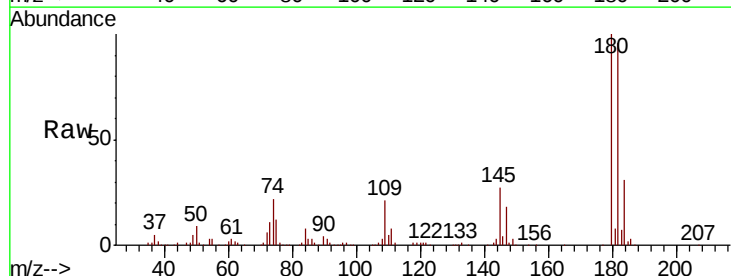
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.390 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.2
145	27.4	23.8	35.8

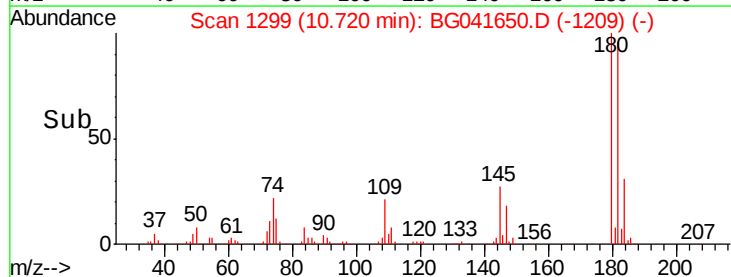
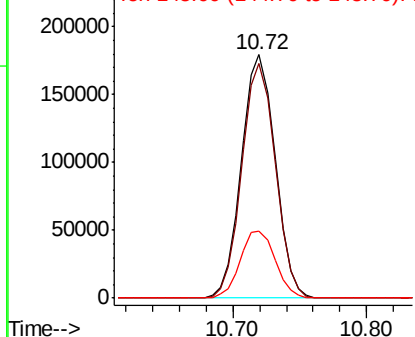


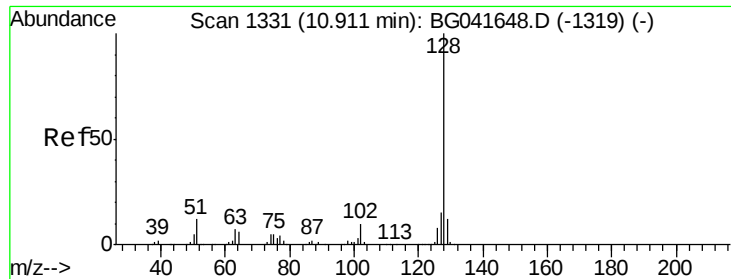
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

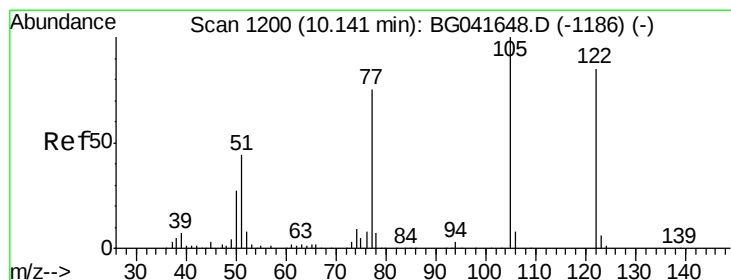
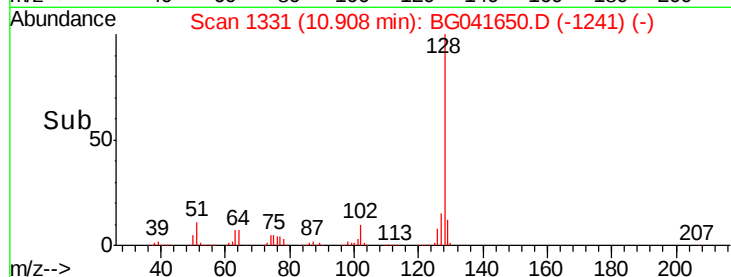
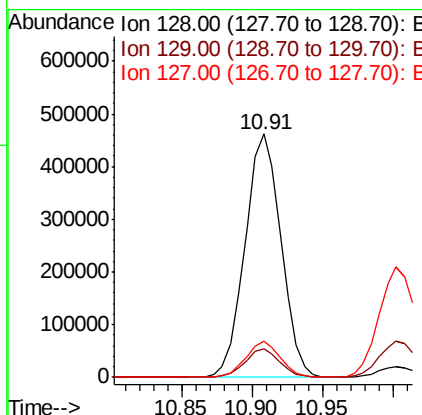
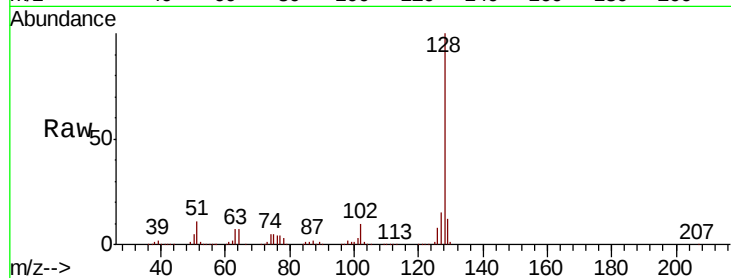




#31
Naphthalene
Concen: 41.269 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

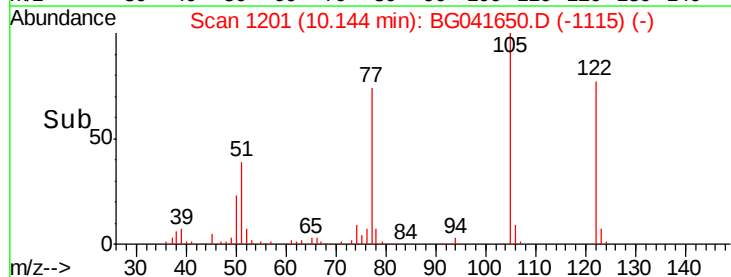
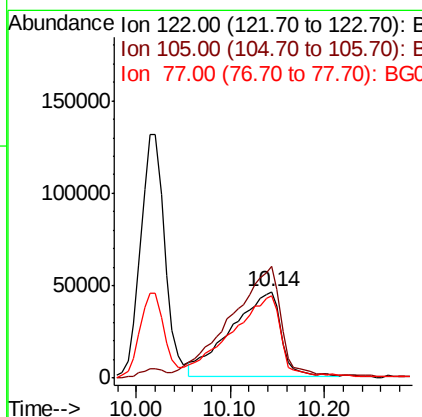
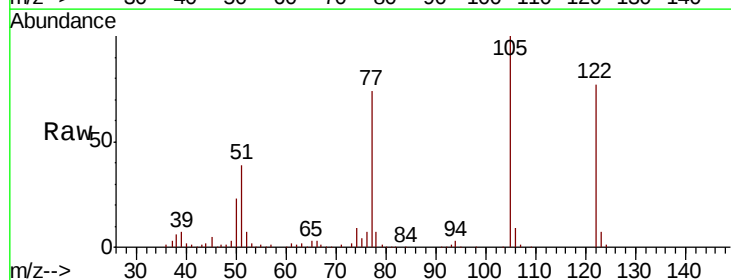
Instrument :
BNA_G
ClientSampleId :
ICVBG071519

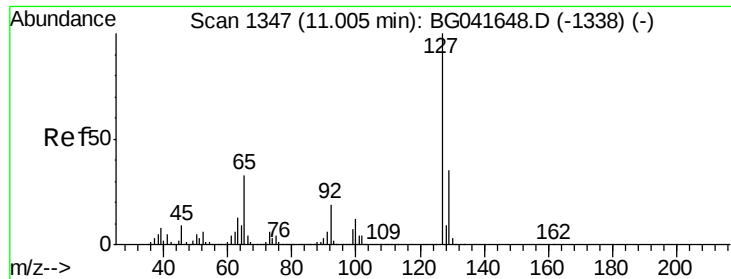
Tot Ion:128 Resp: 827540
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 14.9 12.3 18.5



#32
Benzoic acid
Concen: 39.579 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion:122 Resp: 169041
Ion Ratio Lower Upper
122 100
105 129.7 101.5 141.5
77 96.0 73.0 113.0

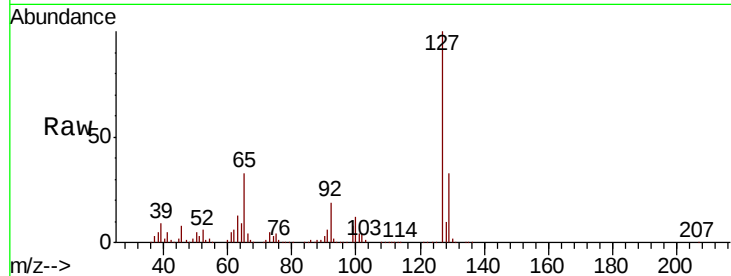




#33
4-Chloroaniline
Concen: 40.622 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Instrument :
BNA_G
ClientSampleId :
ICVBG071519

Tot Ion:	127	Resp:	375736
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	32.8	26.7	40.1
92	19.0	15.4	23.0



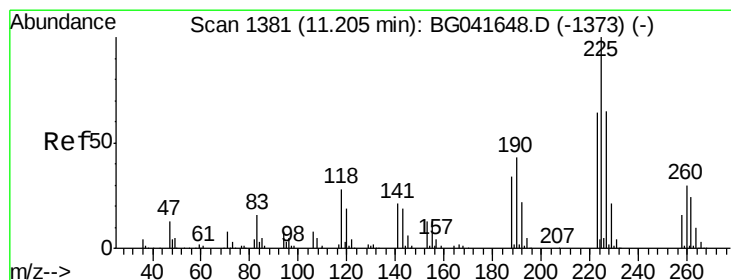
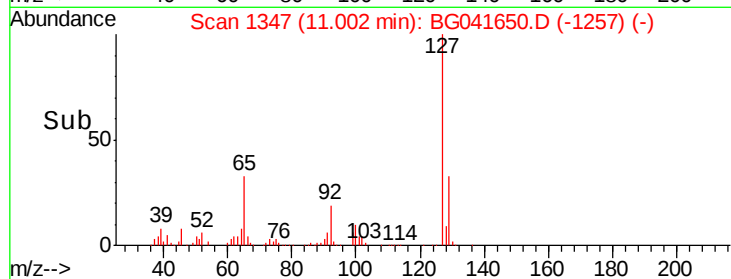
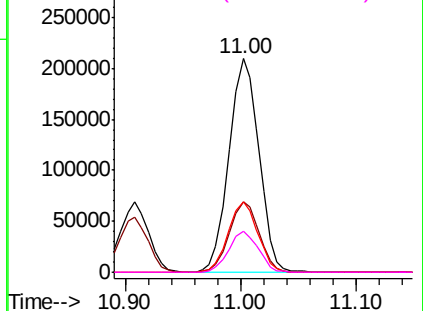
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

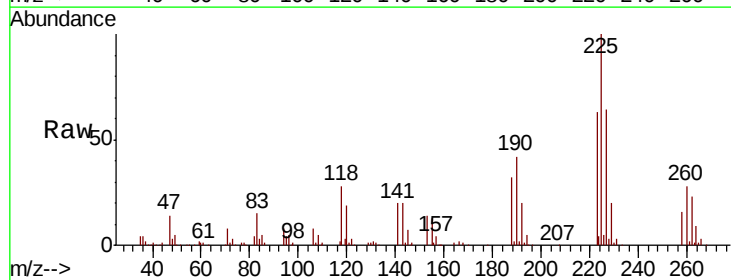
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 40.967 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion:	225	Resp:	204535
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.1	76.7
227	64.2	50.9	76.3

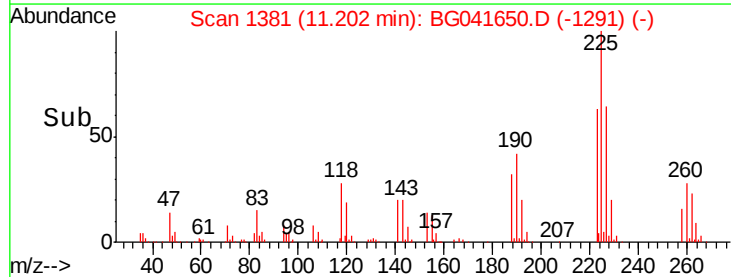
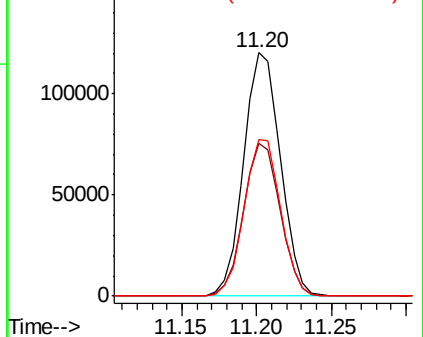


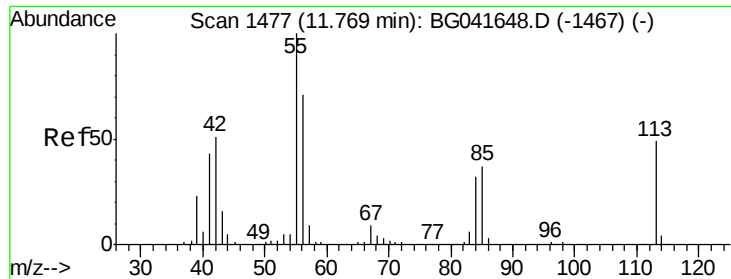
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

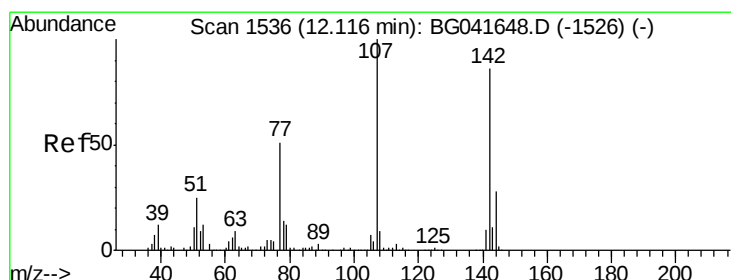
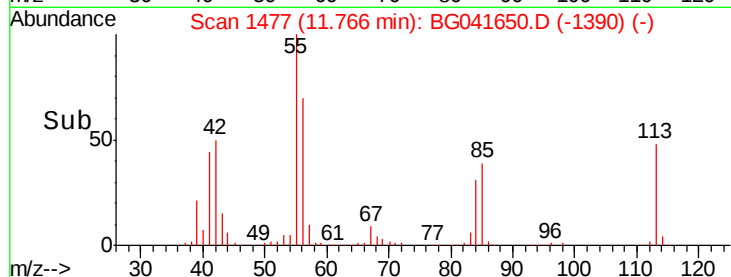
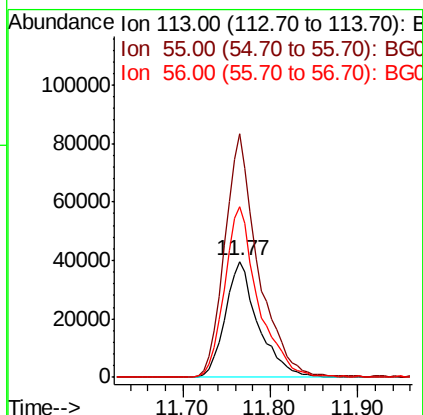
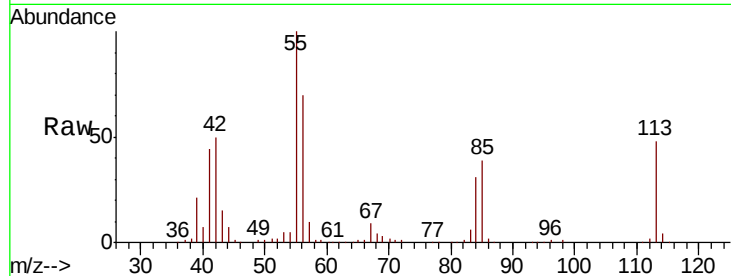




#35
 Caprolactam
 Concen: 41.981 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

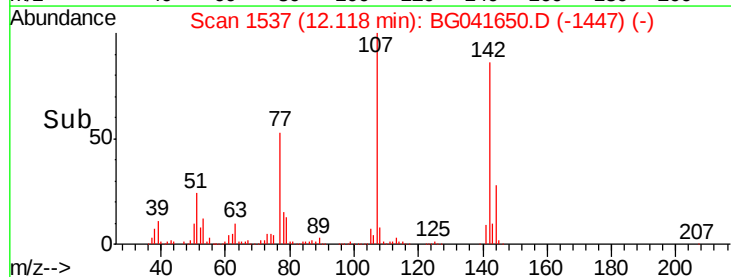
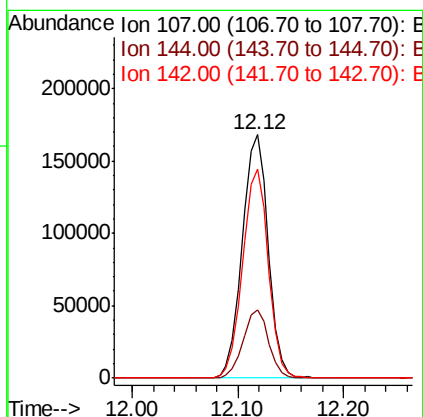
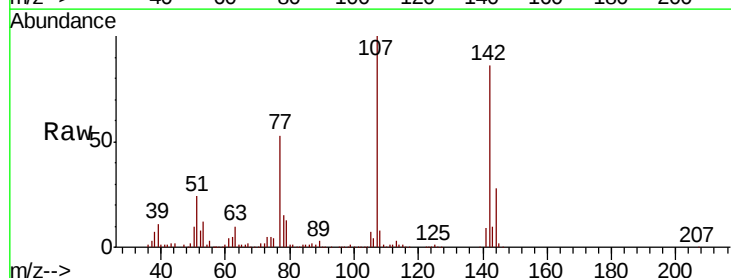
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071519

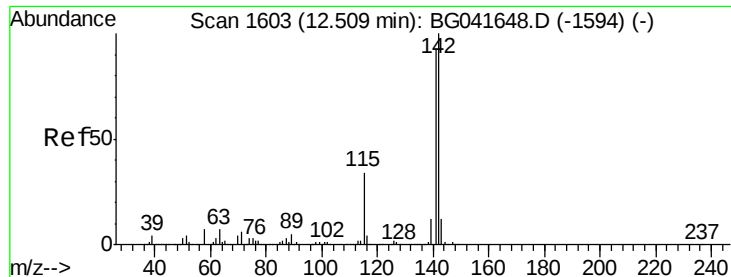
Tot Ion:113 Resp: 102086
 Ion Ratio Lower Upper
 113 100
 55 210.0 199.4 239.4
 56 147.5 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.342 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

Tgt Ion:107 Resp: 286534
 Ion Ratio Lower Upper
 107 100
 144 28.2 22.2 33.2
 142 85.8 67.3 100.9

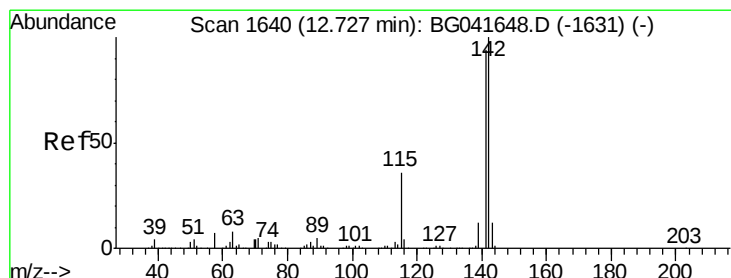
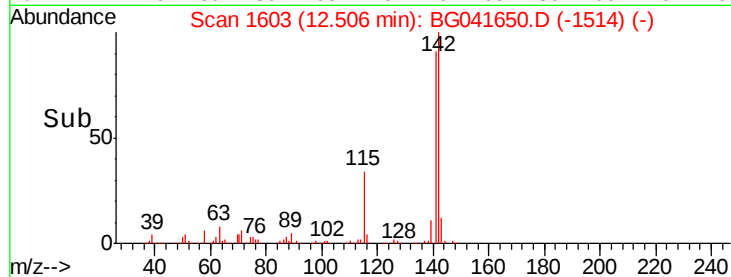
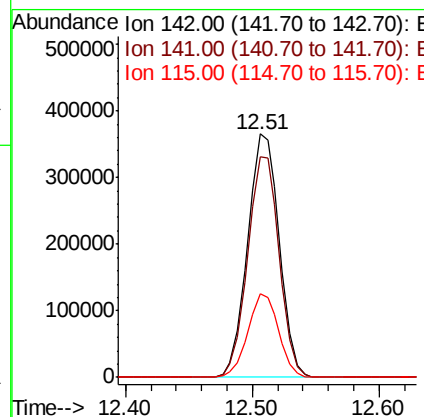
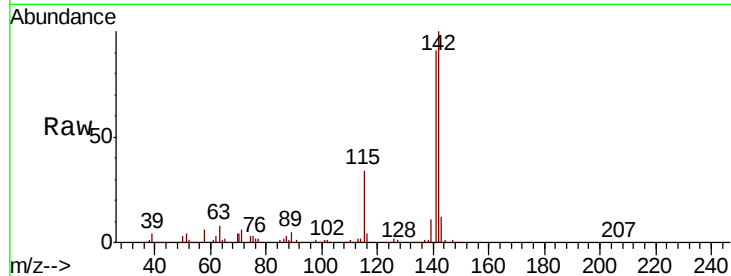




#37
 2-Methylnaphthalene
 Concen: 41.346 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

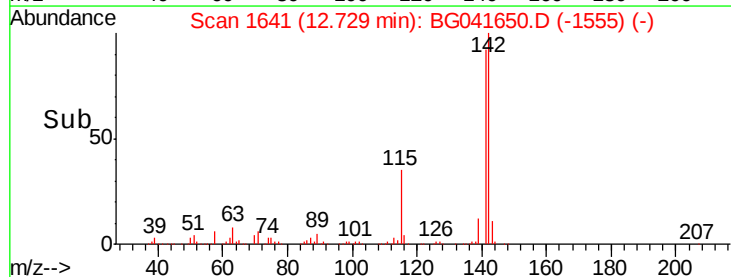
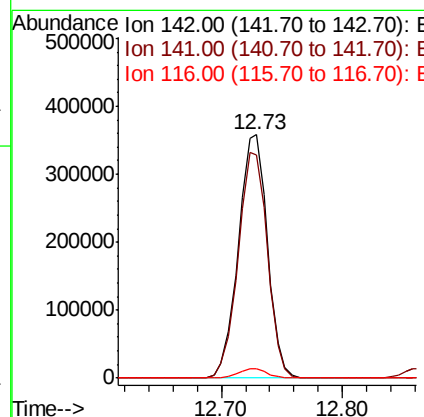
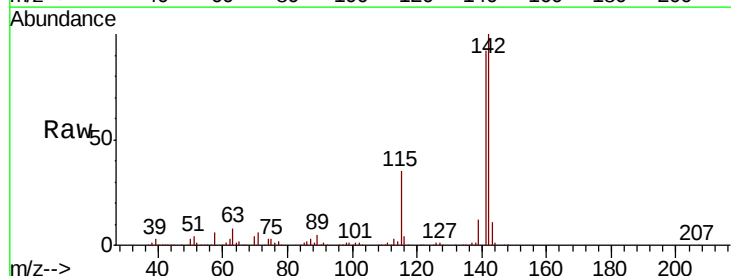
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071519

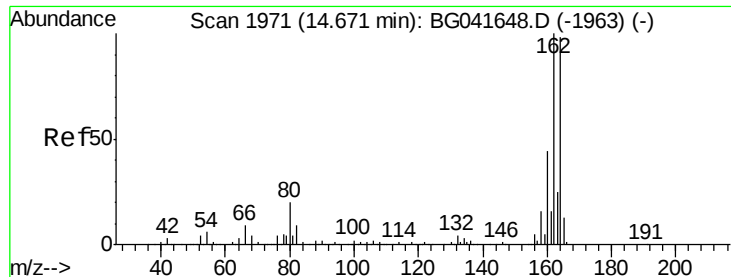
Tot Ion:142 Resp: 633426
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.7 109.1
 115 34.1 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 41.113 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

Tgt Ion:142 Resp: 600474
 Ion Ratio Lower Upper
 142 100
 141 91.7 75.4 113.2
 116 3.6 3.2 4.8

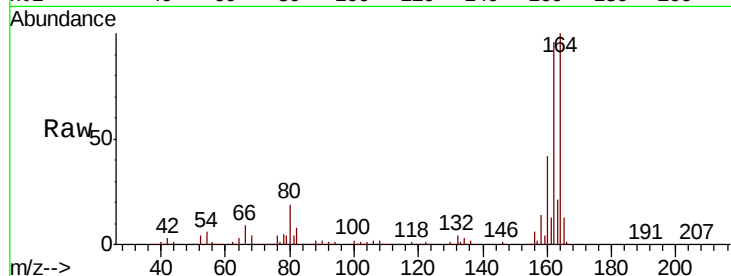




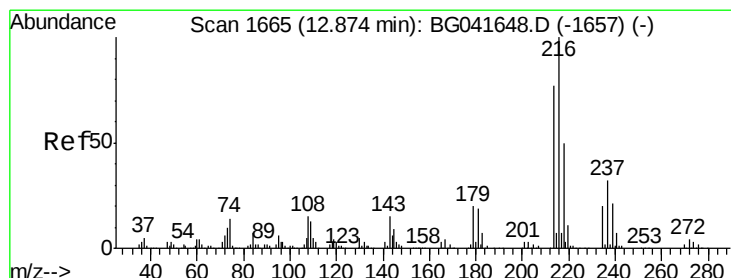
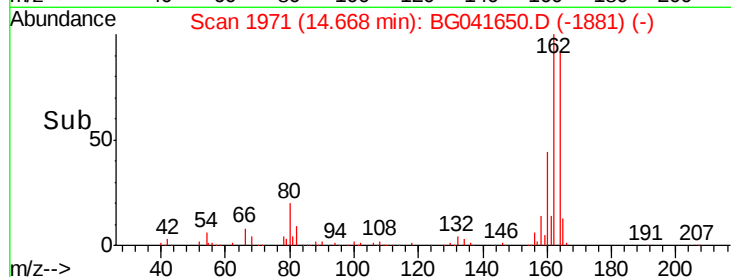
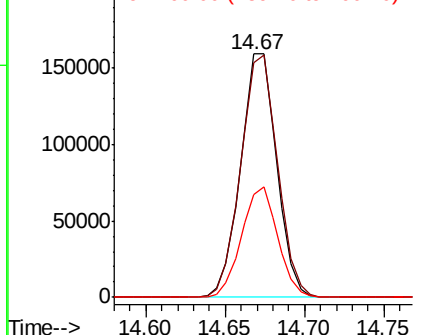
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Instrument :
BNA_G
ClientSampleId :
ICVBG071519

Tot Ion:164 Resp: 252023
Ion Ratio Lower Upper
164 100
162 96.4 79.6 119.4
160 42.0 35.4 53.0

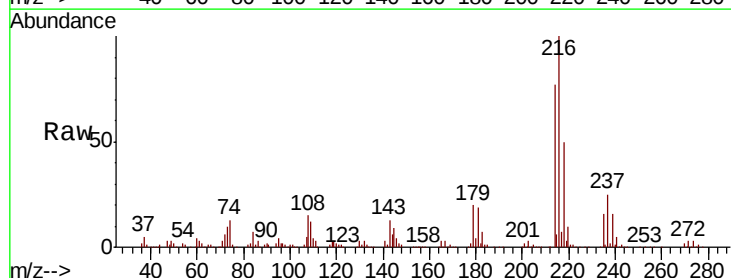


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

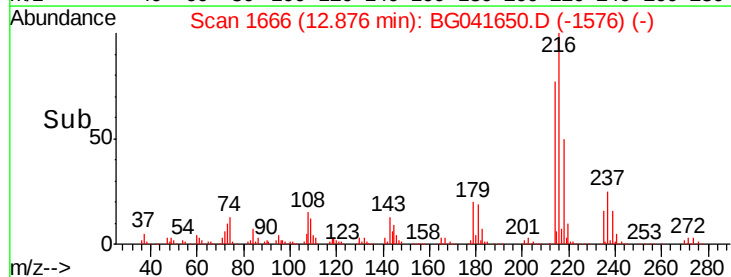
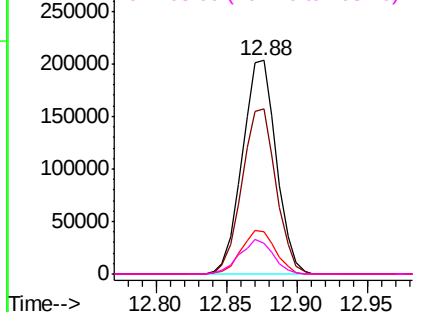


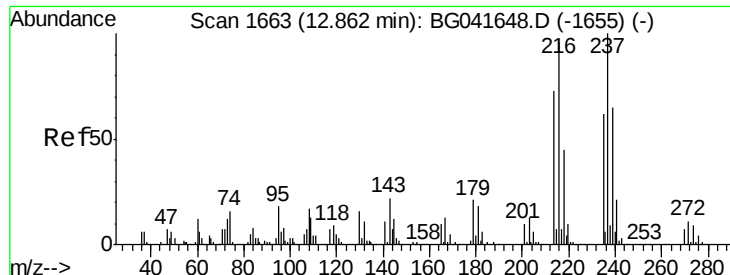
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.641 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion:216 Resp: 342206
Ion Ratio Lower Upper
216 100
214 77.4 61.5 92.3
179 20.3 16.2 24.2
108 15.9 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: 39.459 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

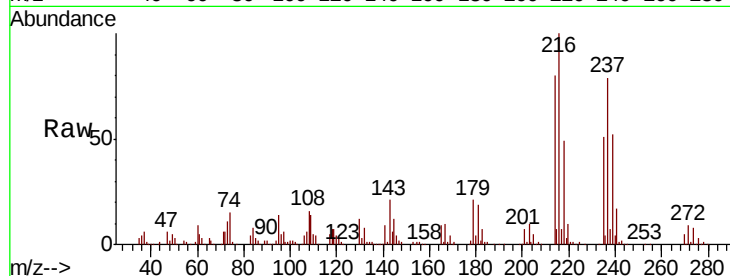
Tot Ion:237 Resp: 192690

Ion Ratio Lower Upper

237 100

235 64.7 43.5 83.5

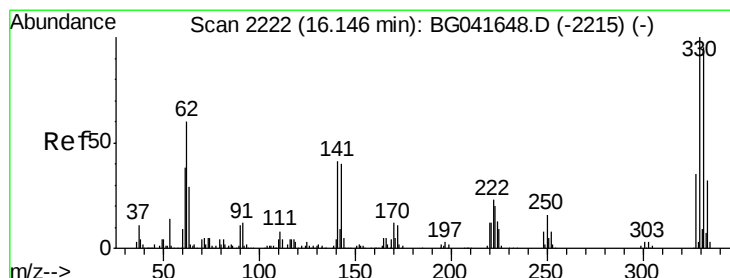
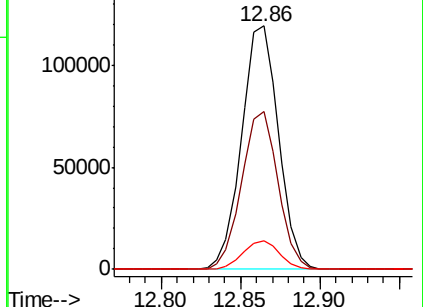
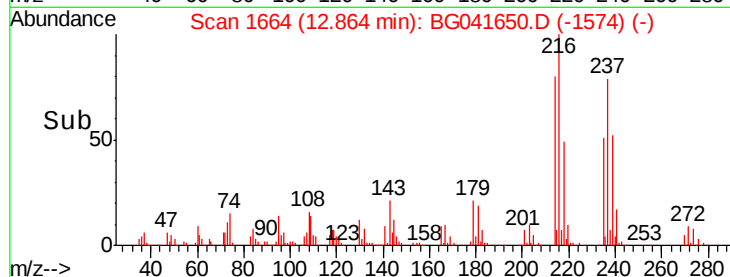
272 11.7 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.282 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

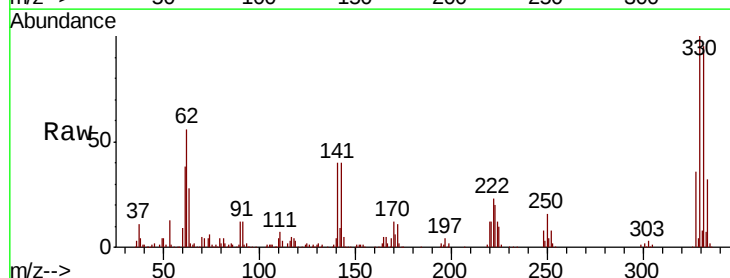
Tgt Ion:330 Resp: 236542

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

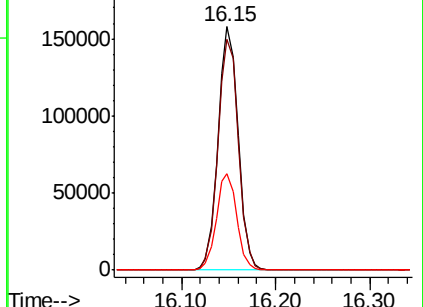
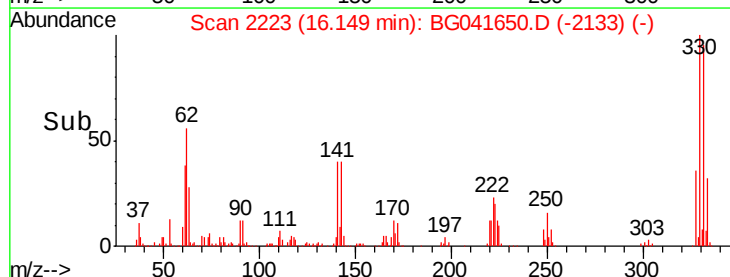
141 40.0 31.9 47.9

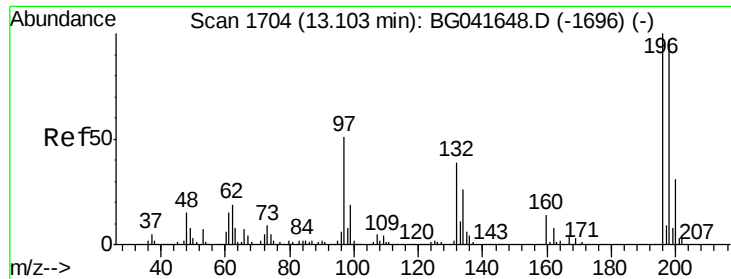


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

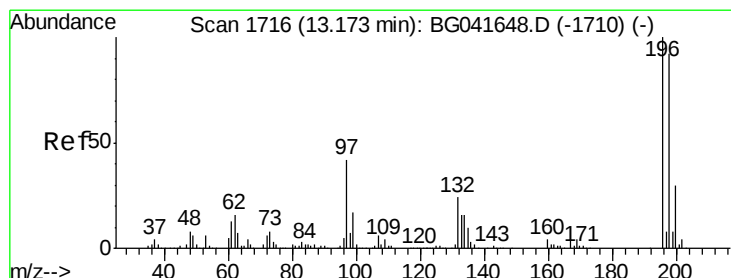
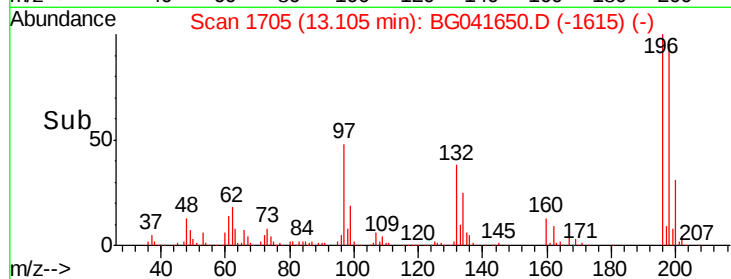
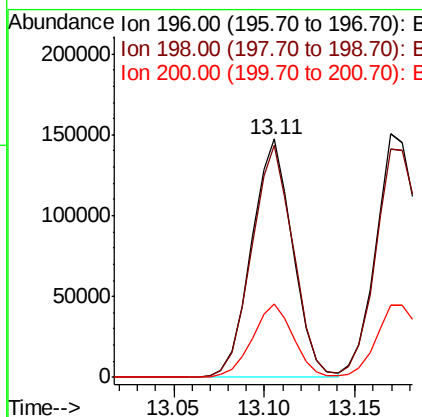
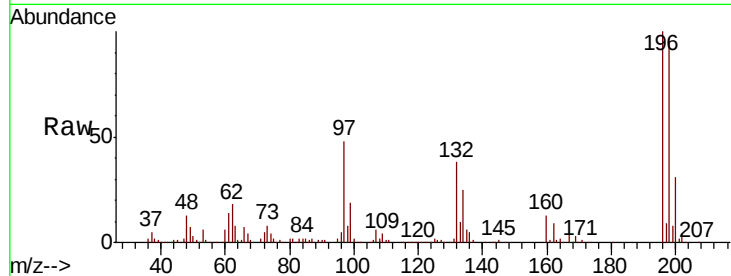




#43
 2,4,6-Trichlorophenol
 Concen: 41.272 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

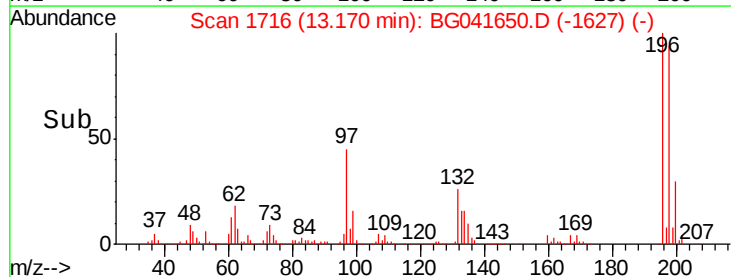
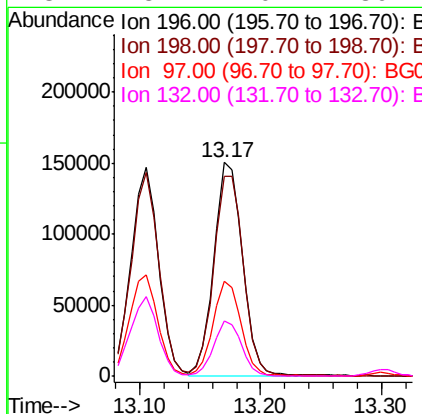
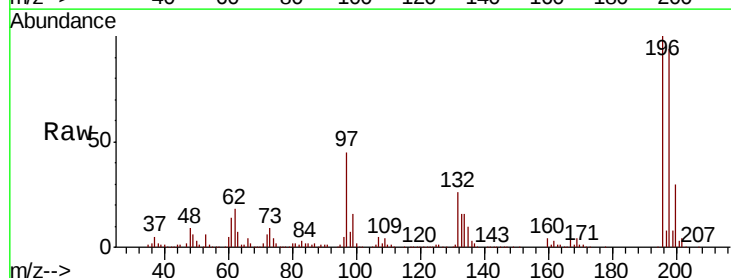
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071519

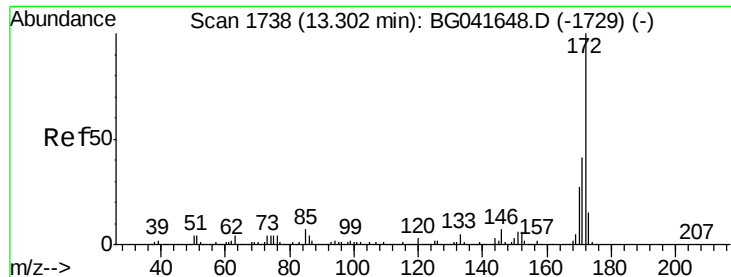
Tot Ion:196 Resp: 231504
 Ion Ratio Lower Upper
 196 100
 198 97.1 79.6 119.4
 200 30.8 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 41.400 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

Tgt Ion:196 Resp: 244667
 Ion Ratio Lower Upper
 196 100
 198 93.6 80.6 121.0
 97 44.5 33.9 50.9
 132 25.7 20.2 30.2

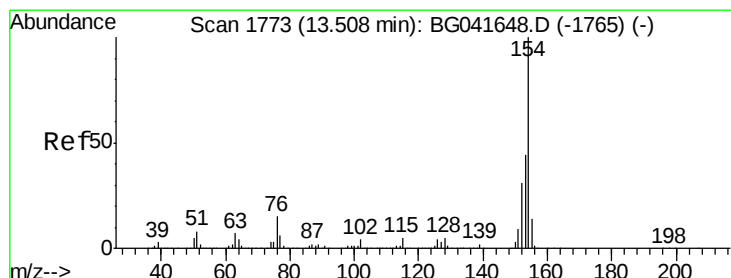
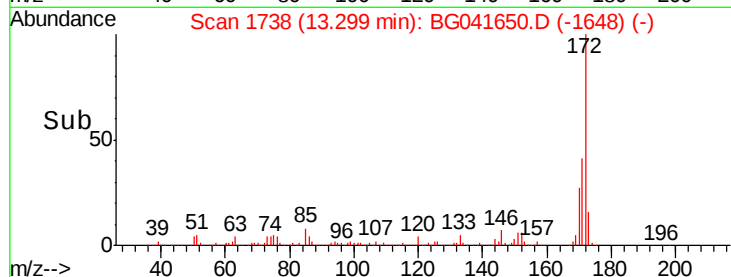
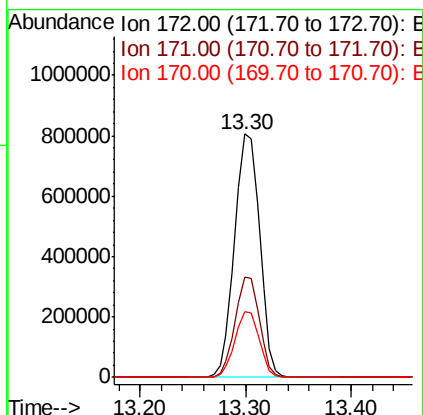
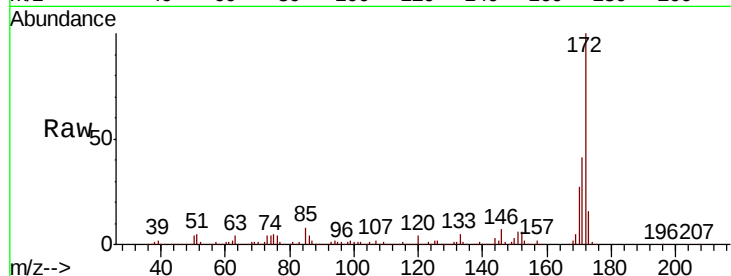




#45
2-Fluorobiphenyl
Concen: 81.162 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

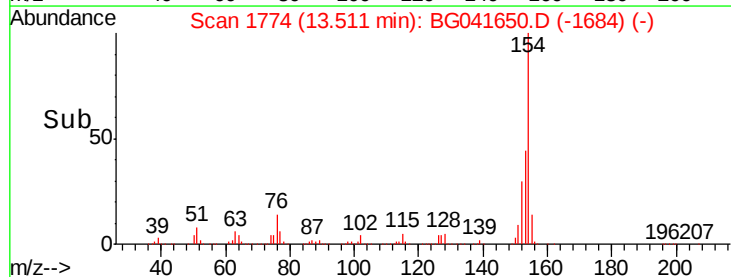
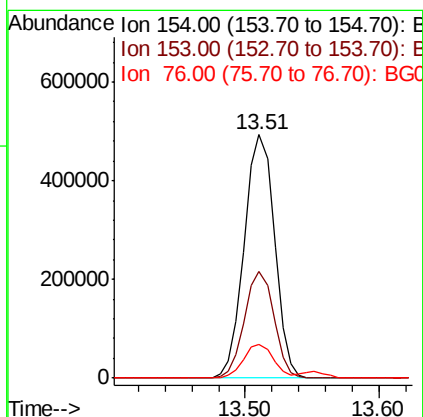
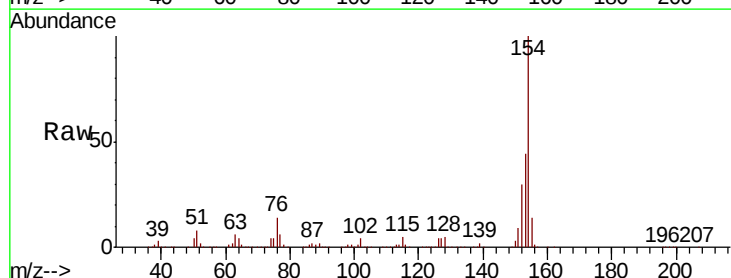
Instrument :
BNA_G
ClientSampleId :
ICVBG071519

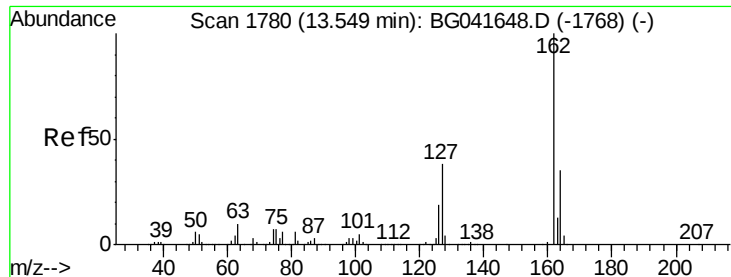
Tot Ion:172 Resp: 1320942
Ion Ratio Lower Upper
172 100
171 41.2 35.0 52.4
170 27.1 23.5 35.3



#46
1,1'-Biphenyl
Concen: 40.803 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion:154 Resp: 770413
Ion Ratio Lower Upper
154 100
153 43.6 25.0 65.0
76 14.0 0.0 34.5

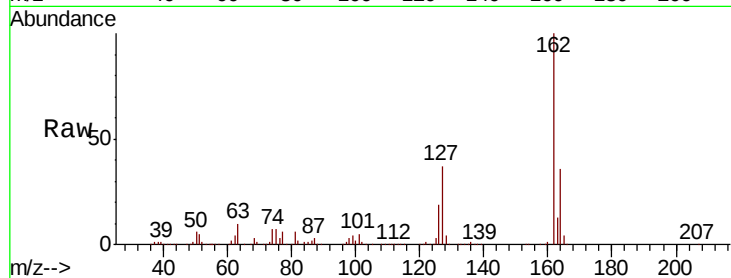




#47
2-Chloronaphthalene
Concen: 40.441 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Instrument :
BNA_G
ClientSampleId :
ICVBG071519

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.4	45.6
164	35.6	28.6	42.8

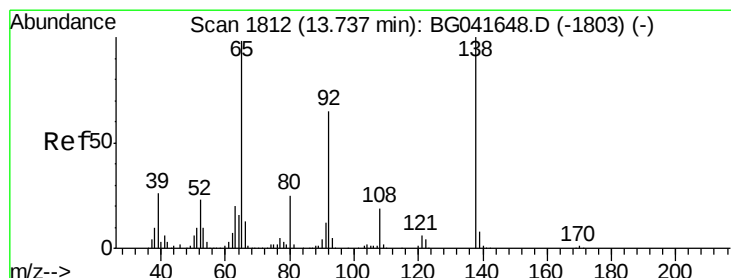
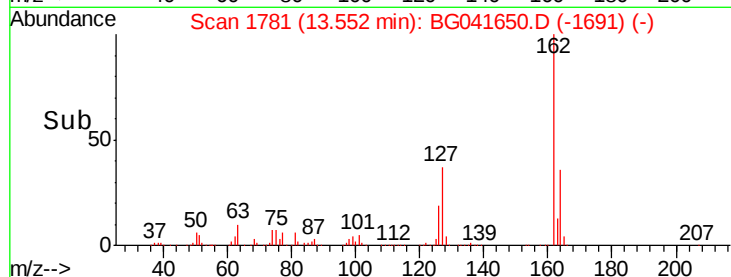
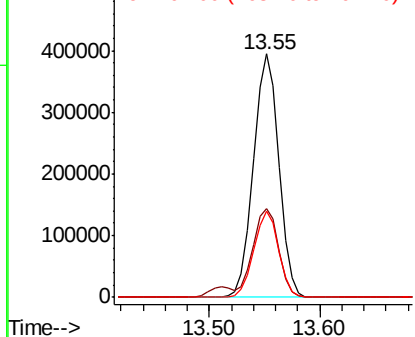


Abundance

Ion 162.00 (161.70 to 162.70): E

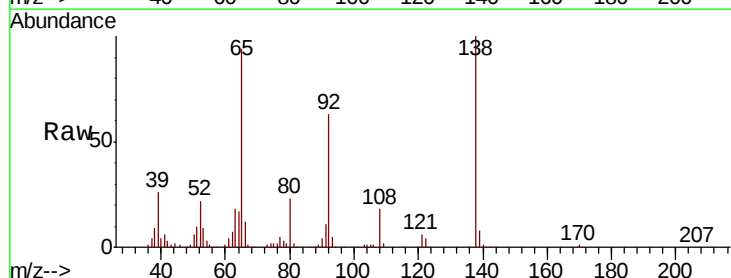
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.255 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.9	80.9
138	106.2	83.5	125.3

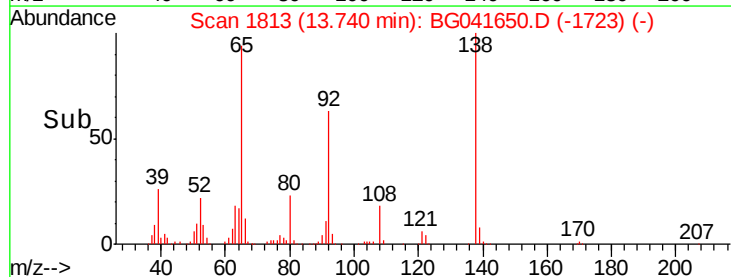
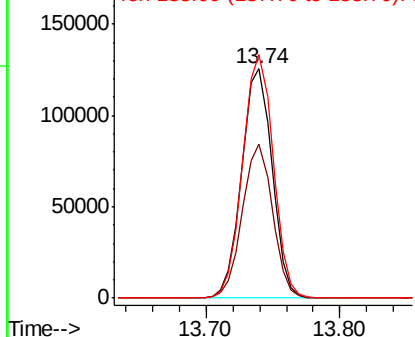


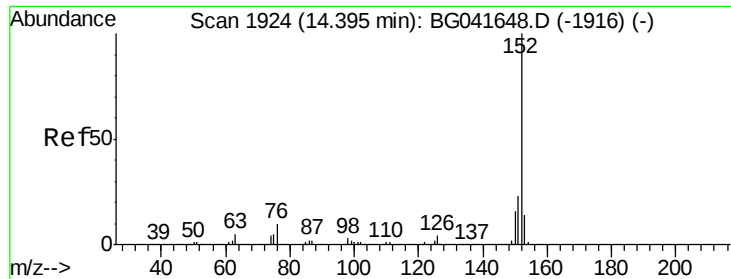
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.843 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

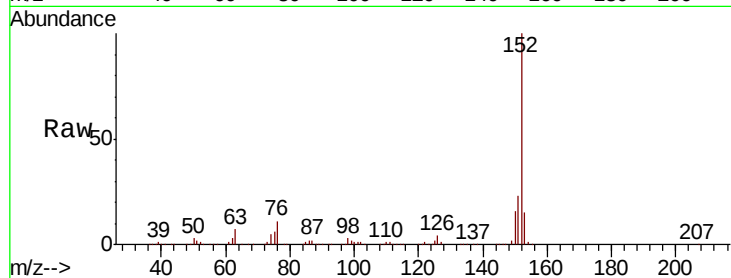
Tot Ion:152 Resp: 1003334

Ion	Ratio	Lower	Upper
152	100		
151	22.6	18.7	28.1
153	14.5	12.4	18.6

152 100

151 22.6 18.7 28.1

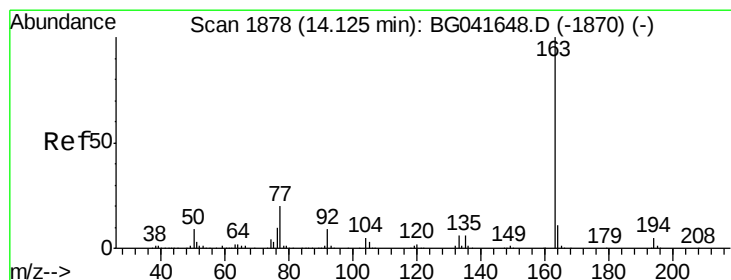
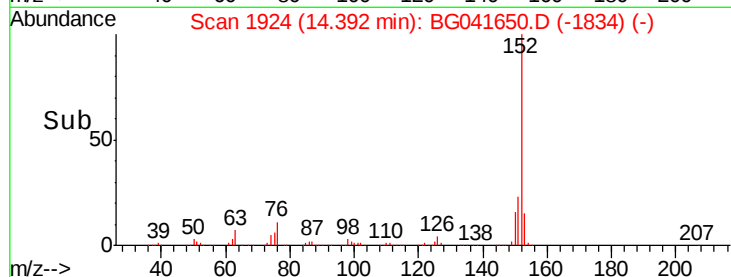
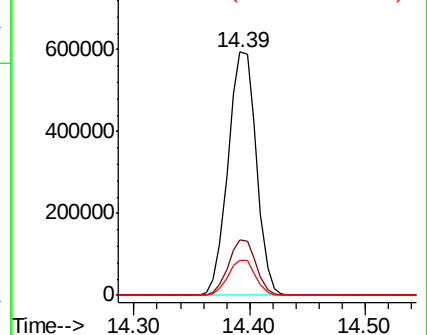
153 14.5 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.013 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

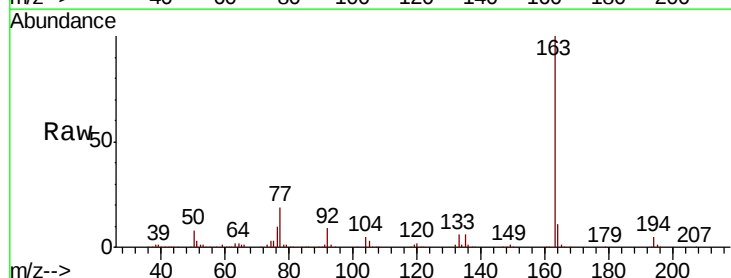
Tgt Ion:163 Resp: 811800

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	11.0	9.4	14.2

163 100

194 4.9 4.2 6.2

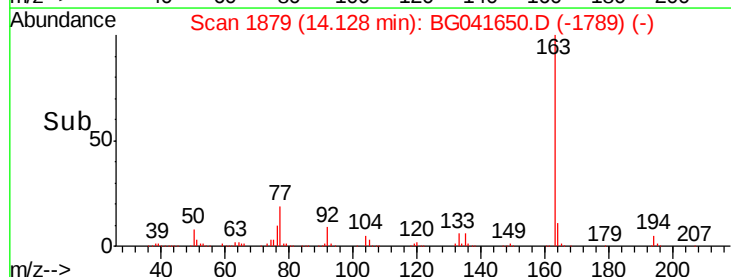
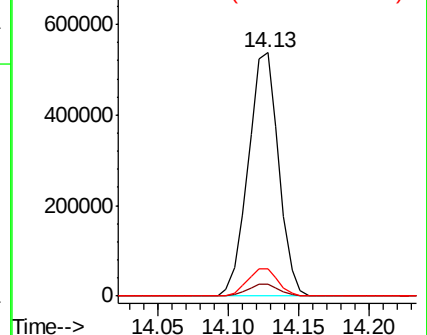
164 11.0 9.4 14.2

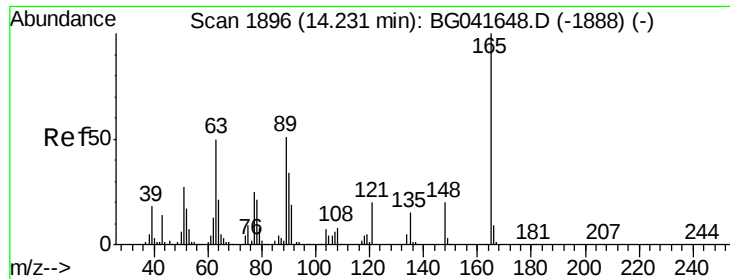


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

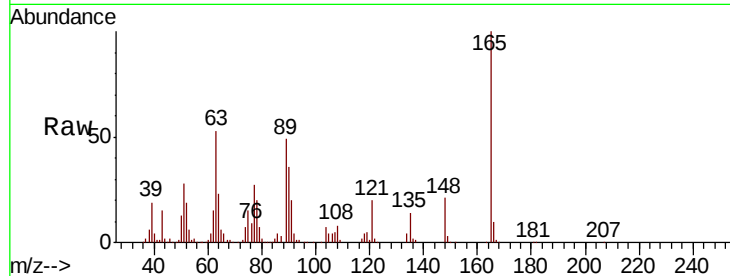




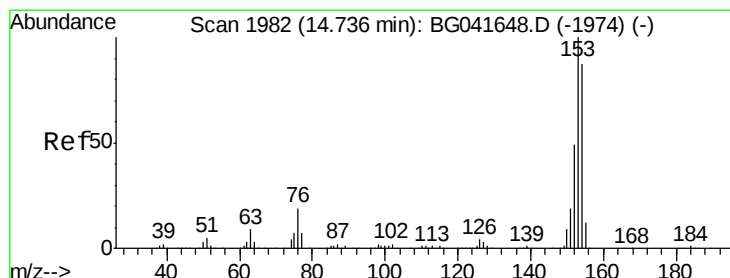
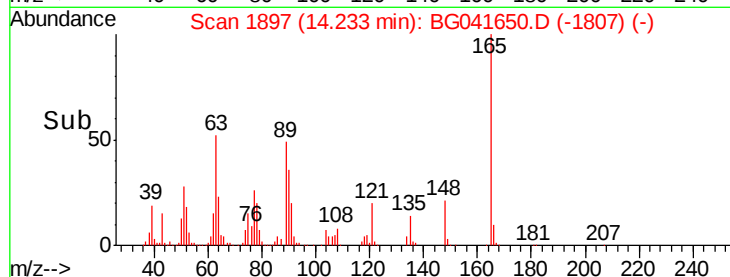
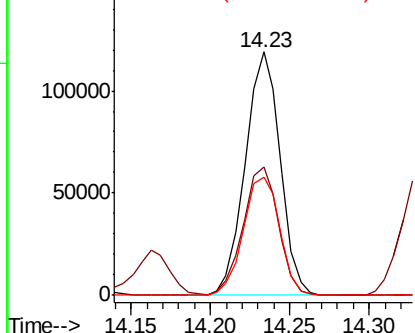
#51
 2,6-Dinitrotoluene
 Concen: 43.347 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071519

Tot Ion:165 Resp: 181992
 Ion Ratio Lower Upper
 165 100
 63 52.6 42.4 63.6
 89 48.6 42.1 63.1

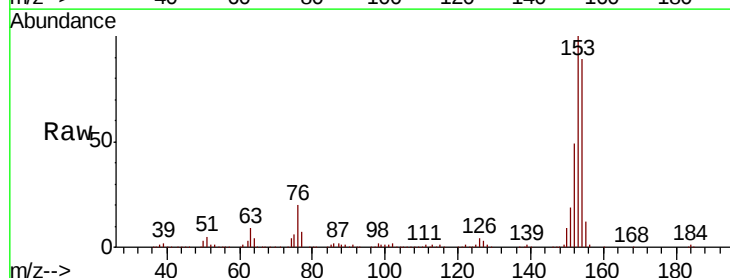


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

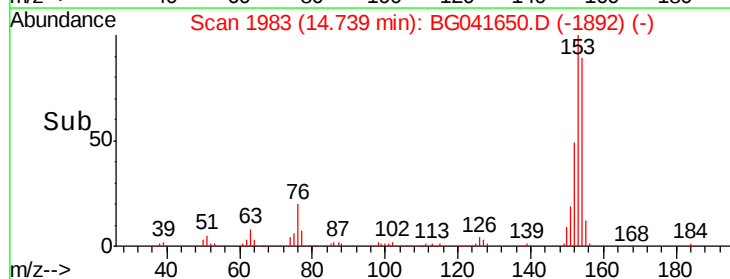
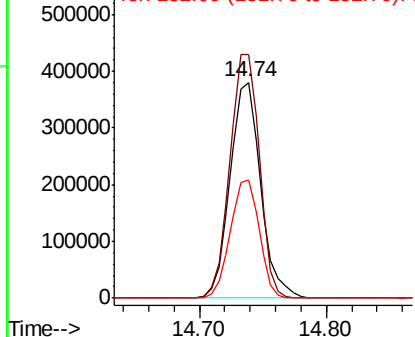


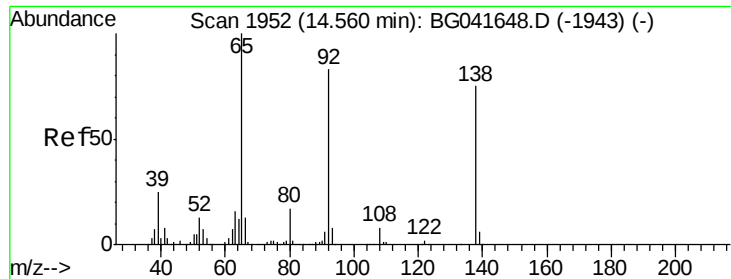
#52
 Acenaphthene
 Concen: 40.744 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

Tgt Ion:154 Resp: 630737
 Ion Ratio Lower Upper
 154 100
 153 112.9 89.8 134.6
 152 54.9 44.9 67.3



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

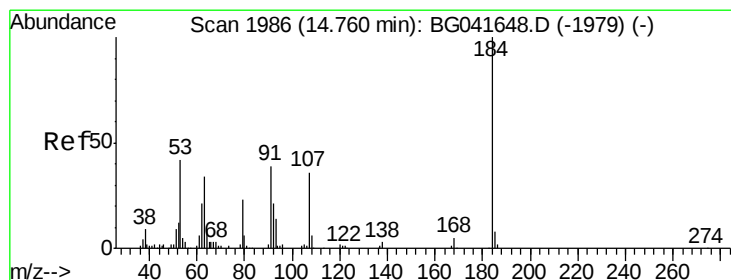
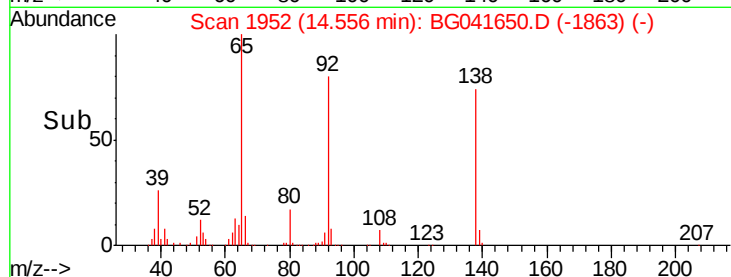
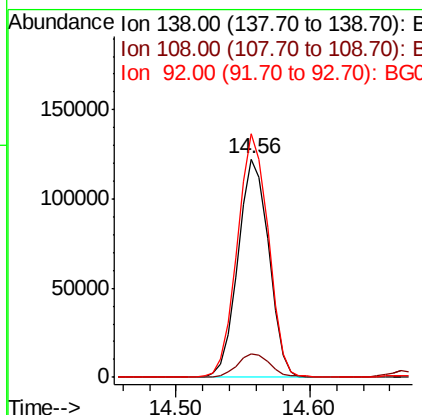
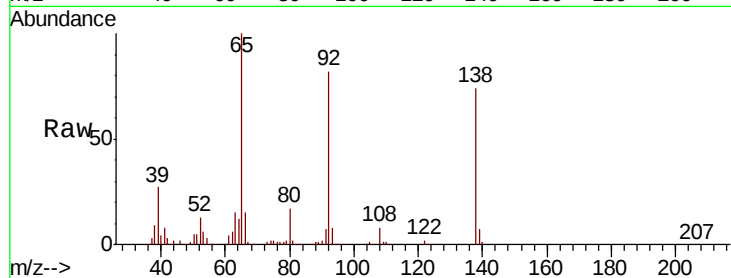




#53
3-Nitroaniline
Concen: 42.841 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

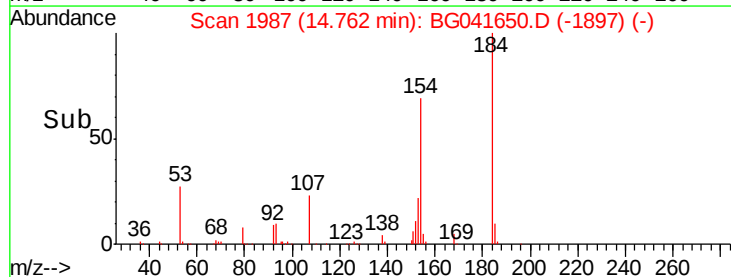
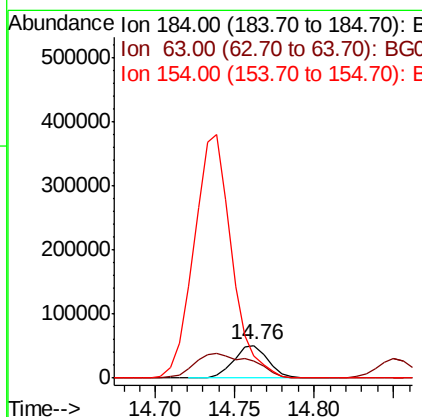
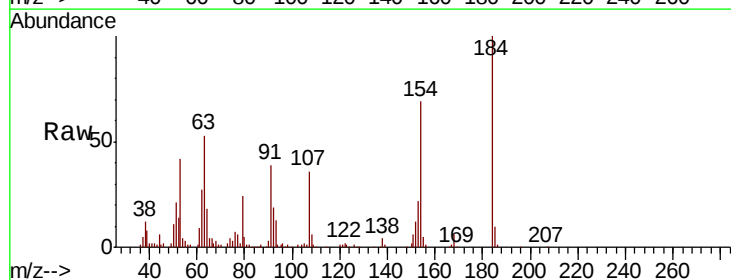
Instrument :
BNA_G
ClientSampleId :
ICVBG071519

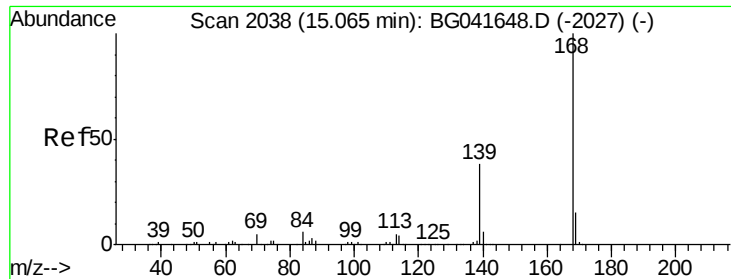
Tot Ion:138 Resp: 196346
Ion Ratio Lower Upper
138 100
108 10.9 10.3 15.5
92 111.4 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 40.467 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion:184 Resp: 76895
Ion Ratio Lower Upper
184 100
63 53.2 43.2 64.8
154 69.2 51.4 77.2





#55

Dibenzofuran

Concen: 41.249 ng

RT: 15.07 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

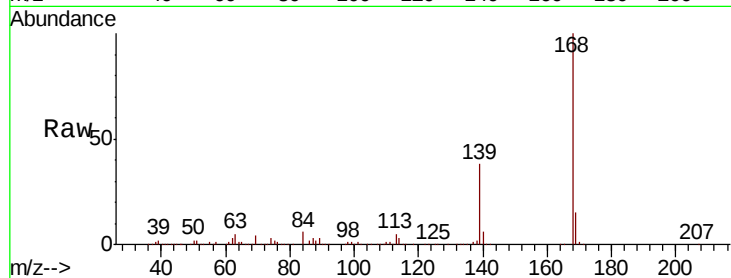
Tot Ion:168 Resp: 958227

Ion Ratio Lower Upper

168 100

139 37.7 31.9 47.9

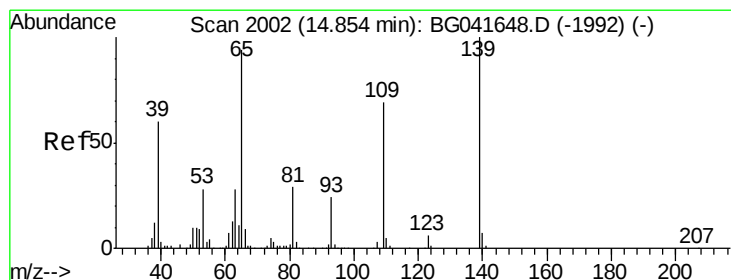
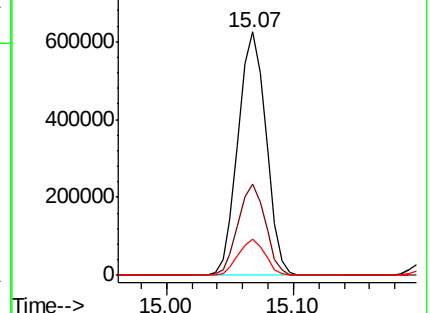
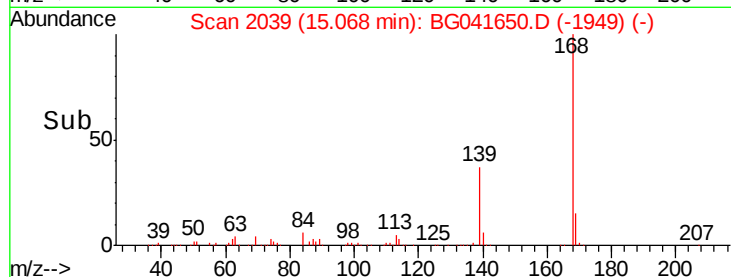
169 15.1 12.5 18.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.644 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

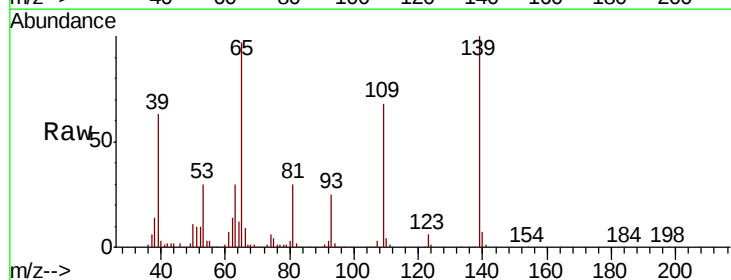
Tgt Ion:139 Resp: 158234

Ion Ratio Lower Upper

139 100

109 67.7 51.3 91.3

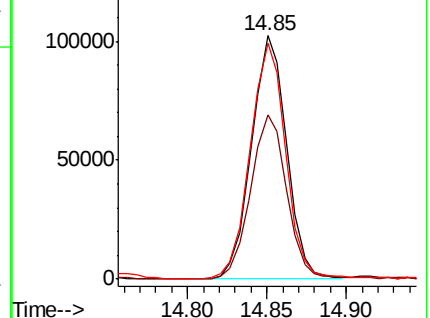
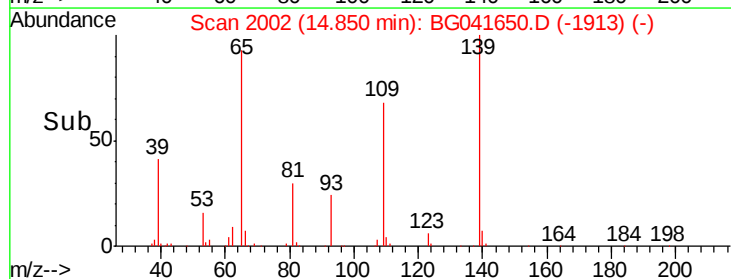
65 96.7 77.6 117.6

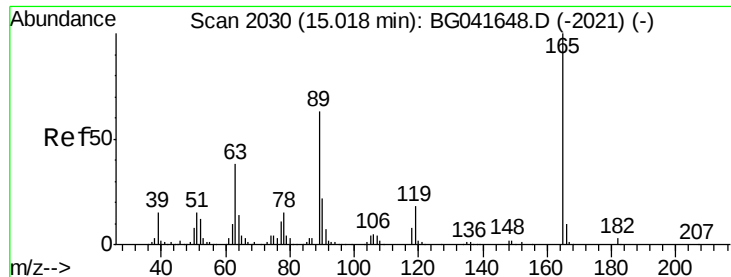


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

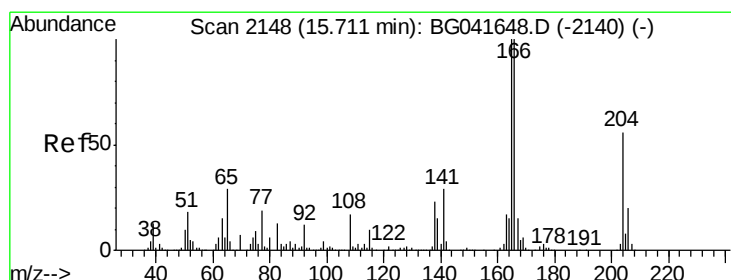
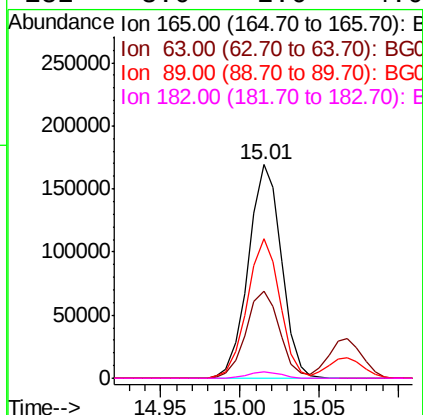
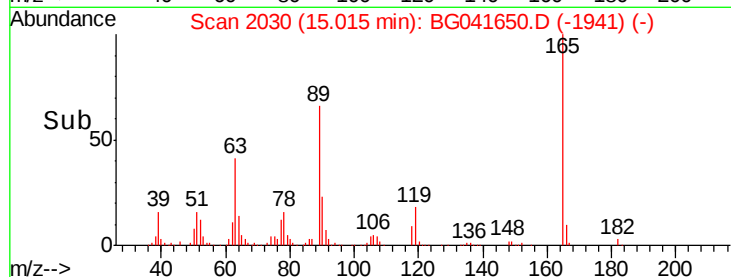
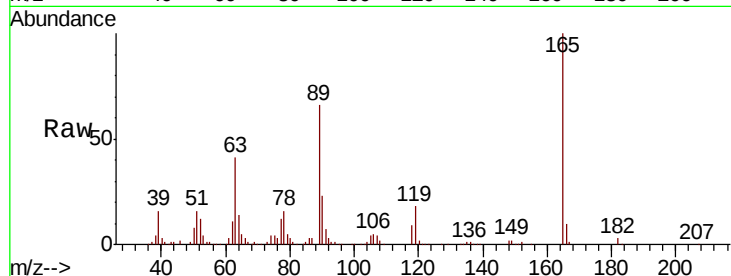




#57
2,4-Dinitrotoluene
Concen: 44.376 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

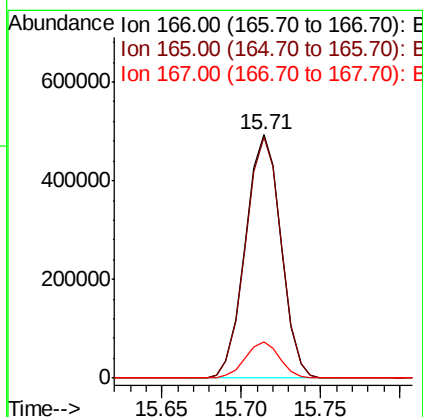
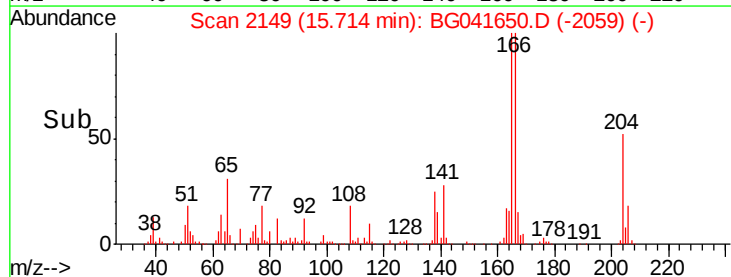
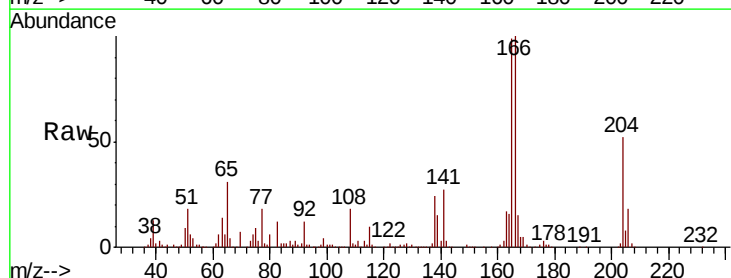
Instrument :
BNA_G
ClientSampleId :
ICVBG071519

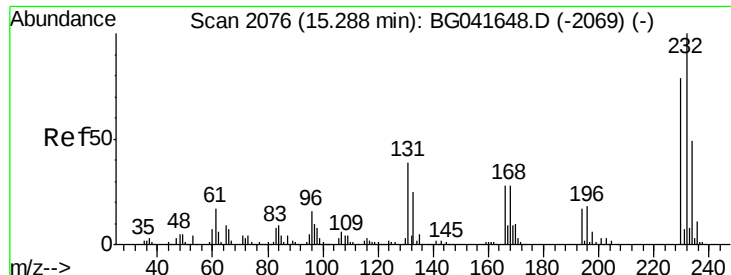
Tot Ion:165 Resp: 246281
Ion Ratio Lower Upper
165 100
63 40.8 31.7 47.5
89 65.5 50.2 75.4
182 3.0 2.6 4.0



#58
Fluorene
Concen: 40.602 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion:166 Resp: 767466
Ion Ratio Lower Upper
166 100
165 99.2 80.5 120.7
167 15.1 12.4 18.6

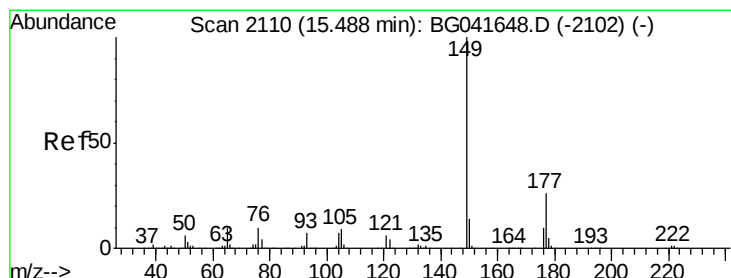
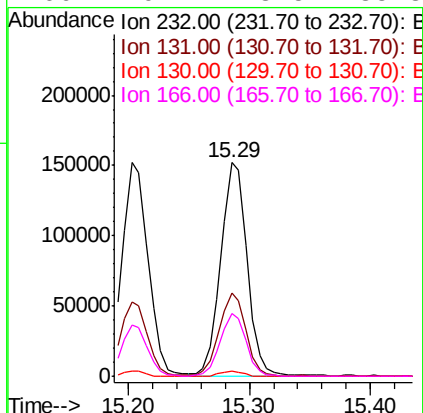
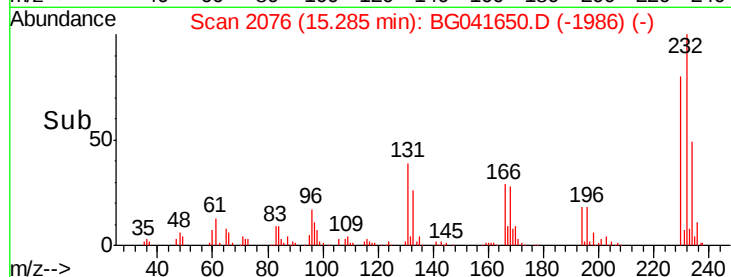
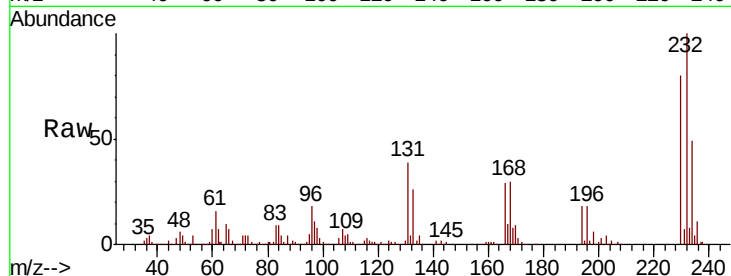




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.964 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

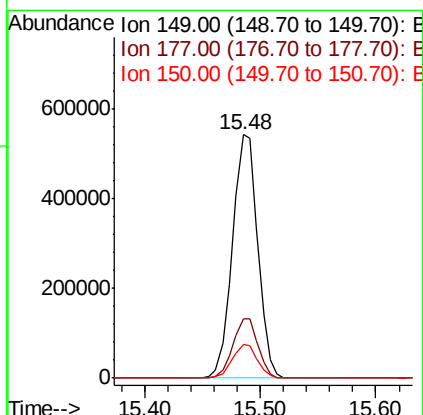
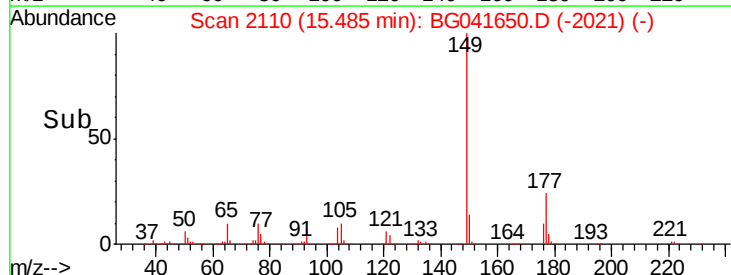
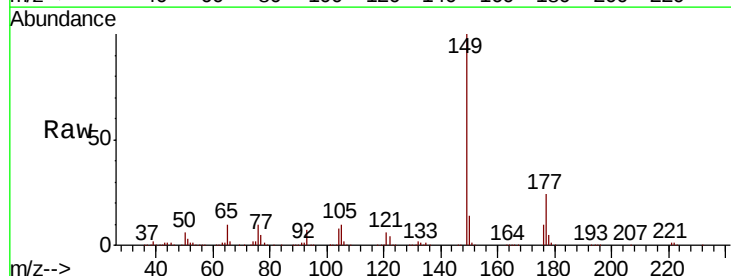
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071519

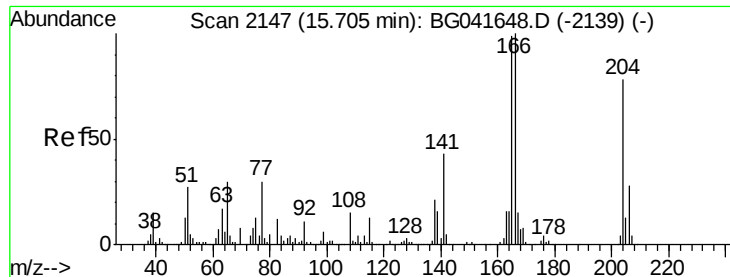
Tot Ion:232	Resp:	228955
Ion Ratio	Lower	Upper
232	100	
131	38.9	31.8 47.6
130	2.1	1.8 2.8
166	29.2	23.5 35.3



#60
 Diethylphthalate
 Concen: 40.972 ng
 RT: 15.48 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

Tgt Ion:149	Resp:	817002
Ion Ratio	Lower	Upper
149	100	
177	24.4	20.7 31.1
150	14.0	11.5 17.3

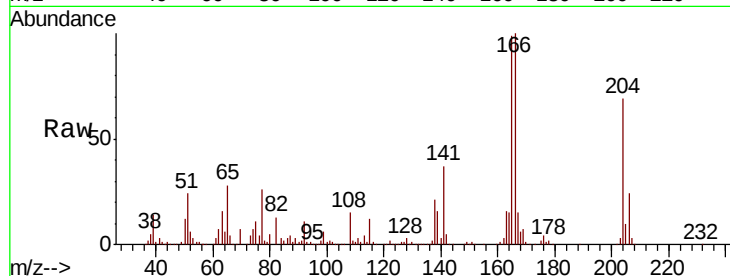




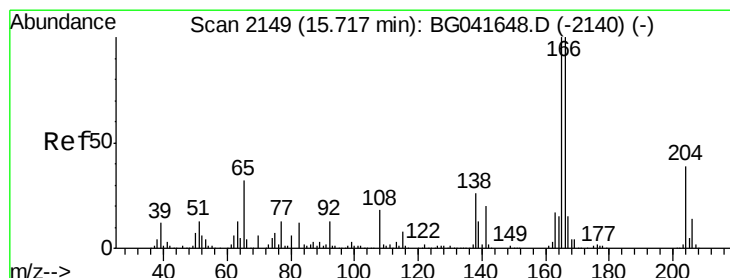
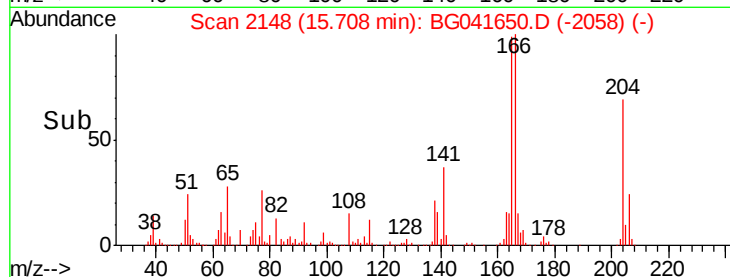
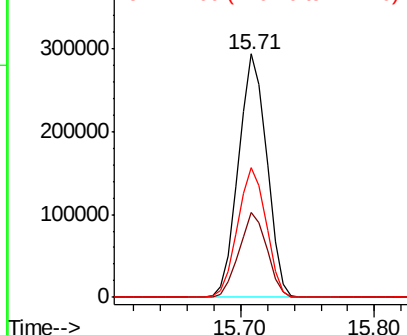
#61
 4-Chlorophenyl-phenylether
 Concen: 40.139 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG071519

Tot Ion:204 Resp: 428878
 Ion Ratio Lower Upper
 204 100
 206 34.7 28.6 42.8
 141 53.2 42.9 64.3

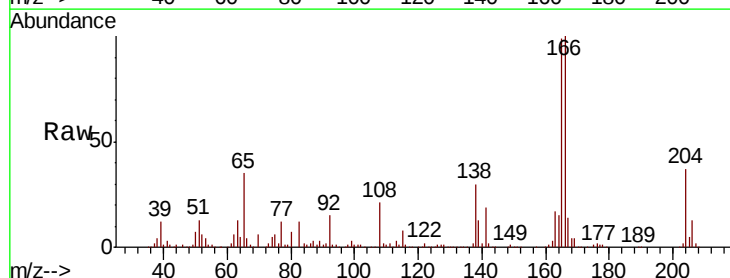


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

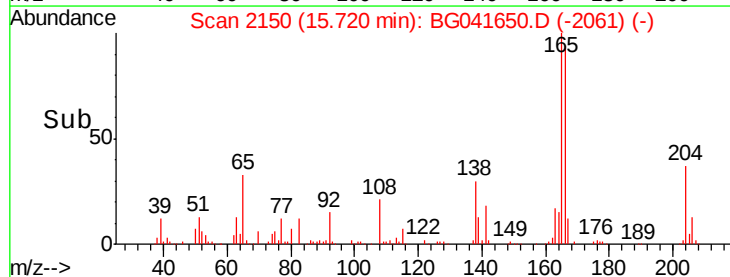
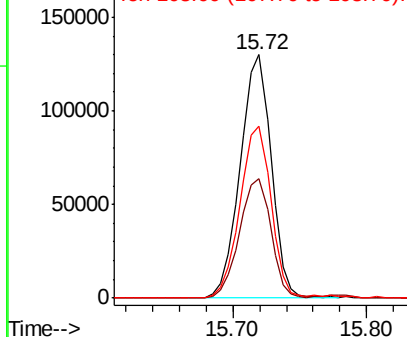


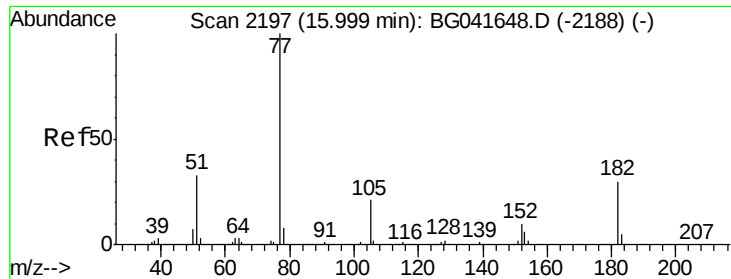
#62
 4-Nitroaniline
 Concen: 42.969 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG041650.D
 Acq: 15 Jul 2019 15:35

Tgt Ion:138 Resp: 208861
 Ion Ratio Lower Upper
 138 100
 92 49.0 29.8 69.8
 108 70.9 52.2 92.2



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





#63

Azobenzene

Concen: 40.903 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

Tot Ion: 77 Resp: 737400

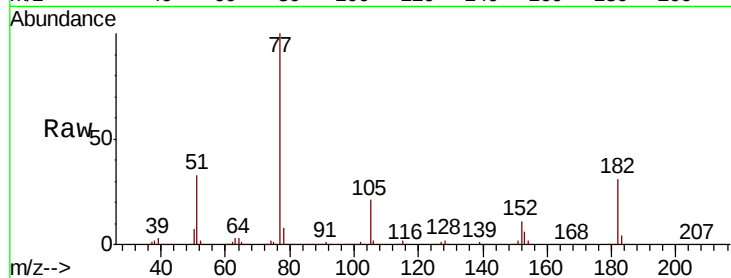
Ion Ratio Lower Upper

77 100

182 30.7 13.2 53.2

105 21.4 2.2 42.2

51 33.3 14.6 54.6

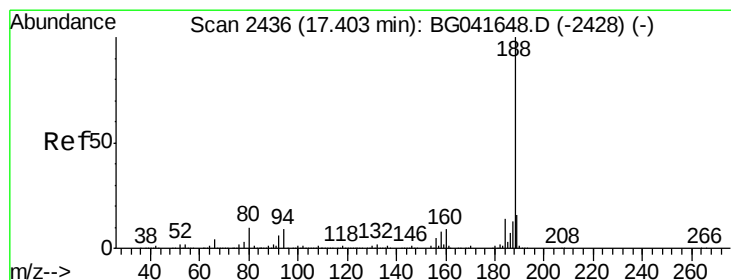
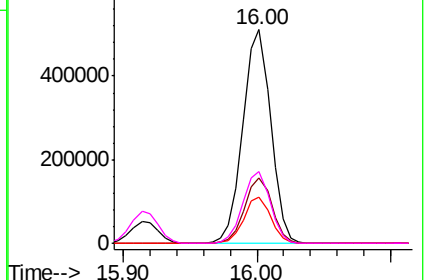
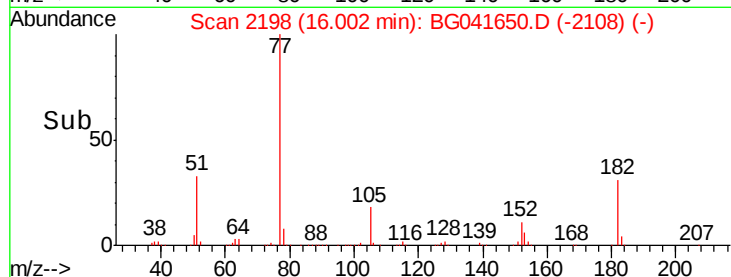


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

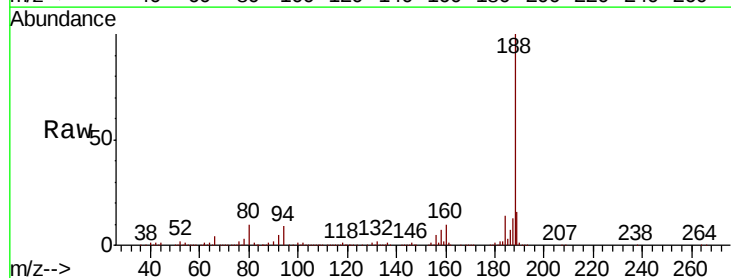
Tgt Ion: 188 Resp: 586892

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

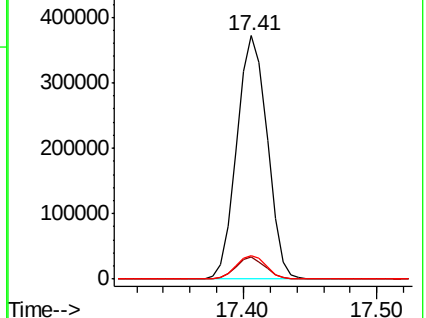
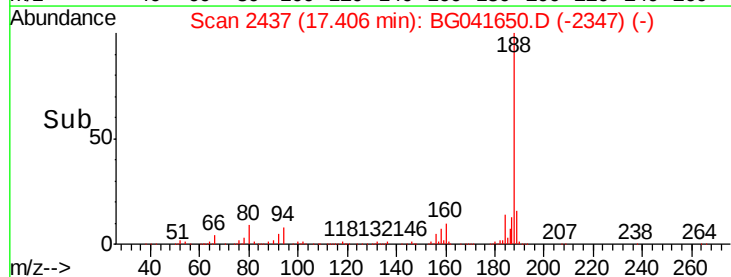
80 9.5 8.0 12.0

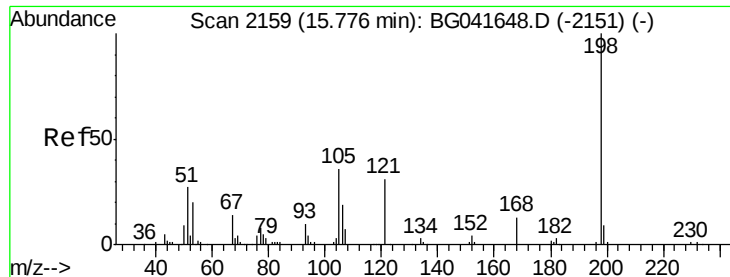


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

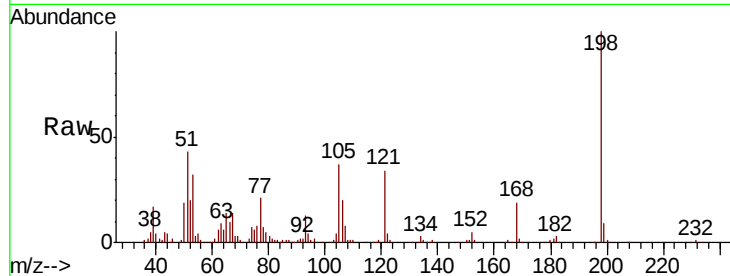




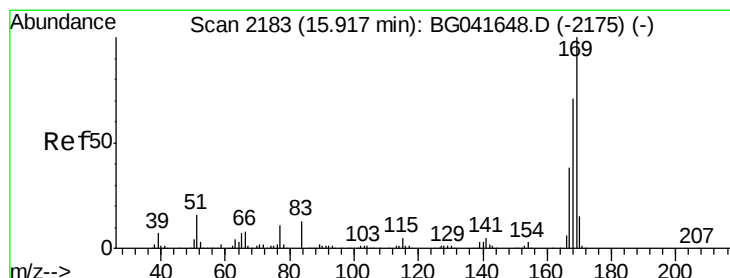
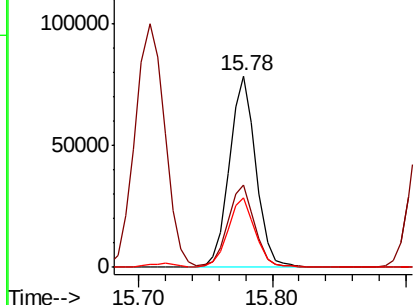
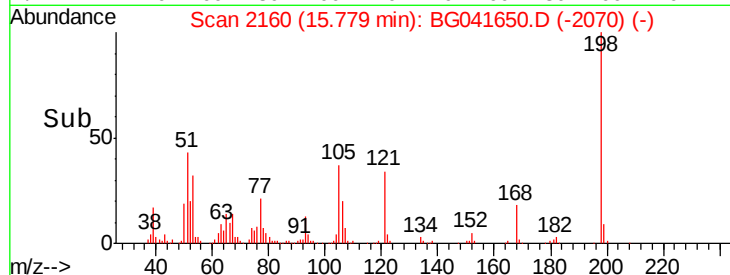
#65
4,6-Dinitro-2-methylphenol
Concen: 40.405 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Instrument :
BNA_G
ClientSampleId :
ICVBG071519

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.0	22.3	62.3
105	36.7	18.0	58.0

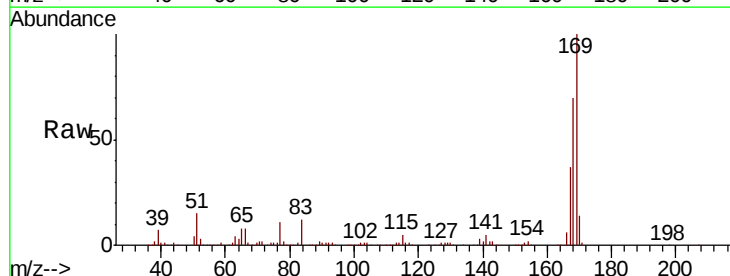


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

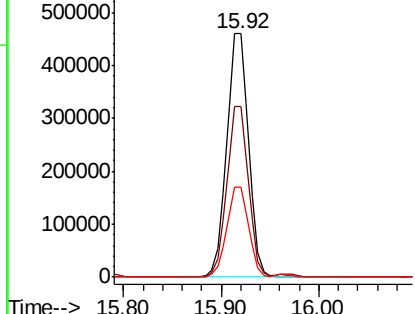
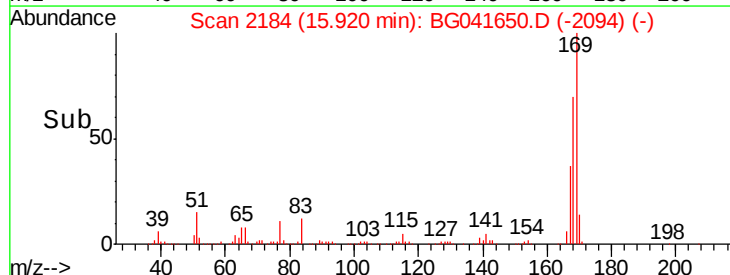


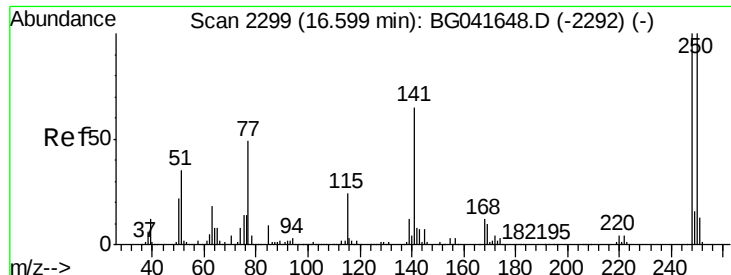
#66
n-Nitrosodiphenylamine
Concen: 41.204 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.9	85.3
167	36.8	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

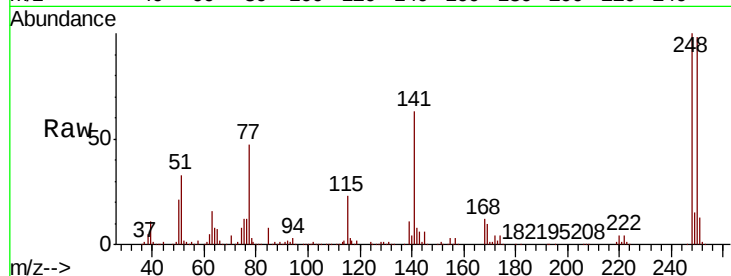




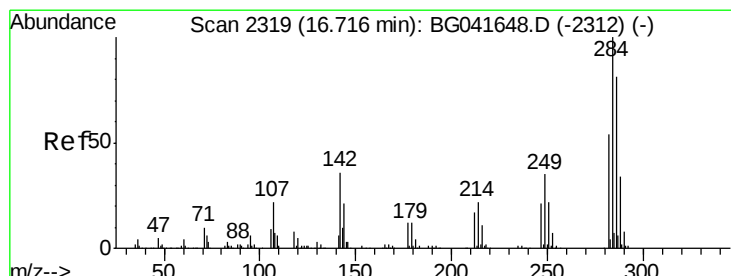
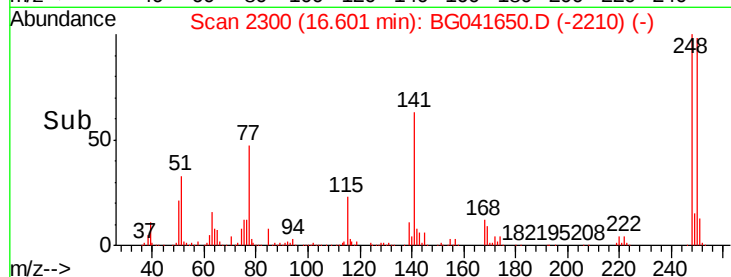
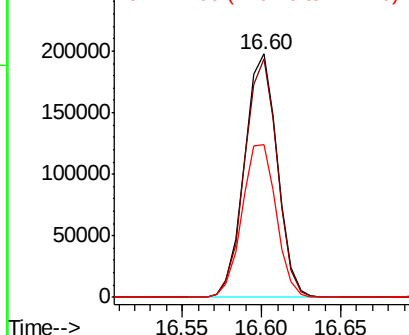
#67
4-Bromophenyl-phenylether
Concen: 40.730 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Instrument :
BNA_G
ClientSampleId :
ICVBG071519

Tot Ion:248 Resp: 284430
Ion Ratio Lower Upper
248 100
250 98.2 78.1 117.1
141 62.6 49.6 74.4

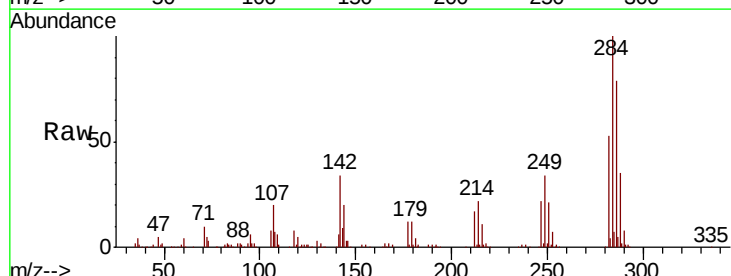


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

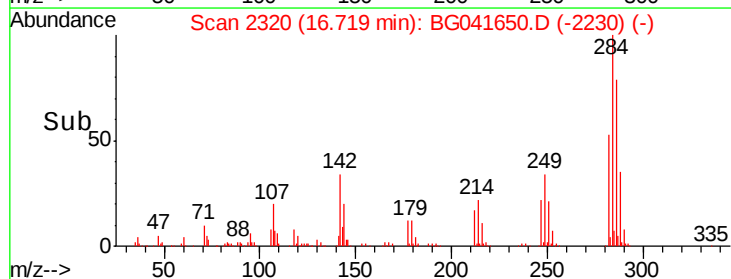
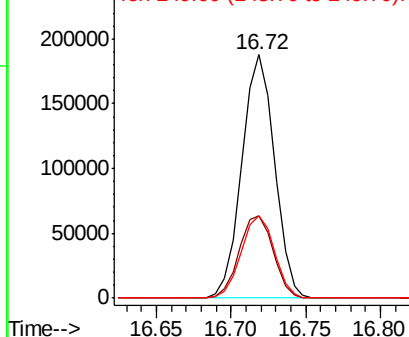


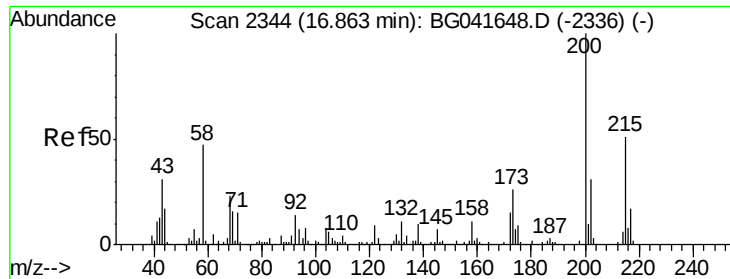
#68
Hexachlorobenzene
Concen: 40.390 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion:284 Resp: 284027
Ion Ratio Lower Upper
284 100
142 34.0 27.0 40.6
249 33.6 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: 40.013 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

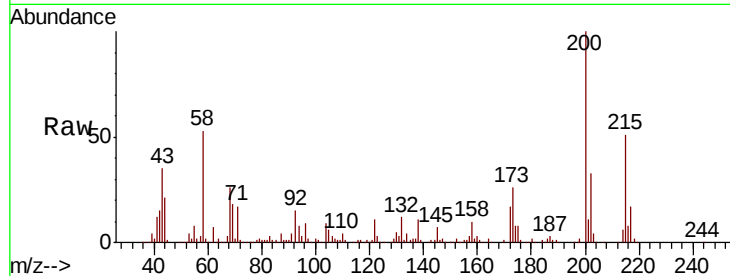
Tot Ion:200 Resp: 250264

Ion Ratio Lower Upper

200 100

173 26.2 5.3 45.3

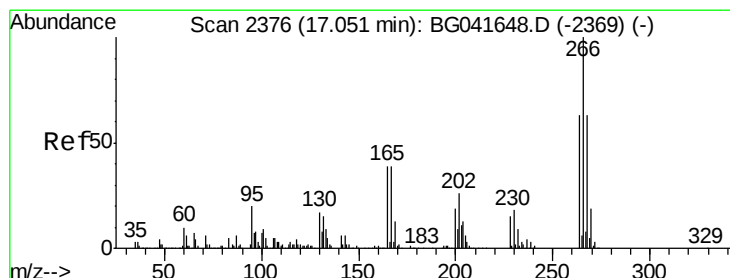
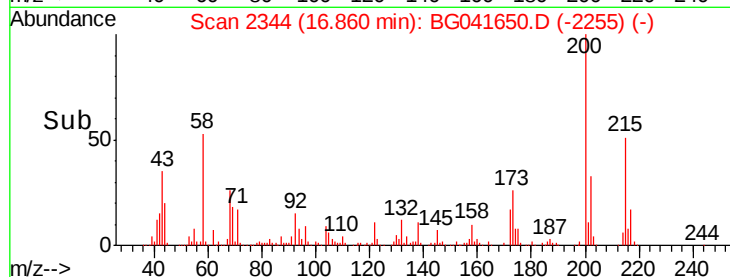
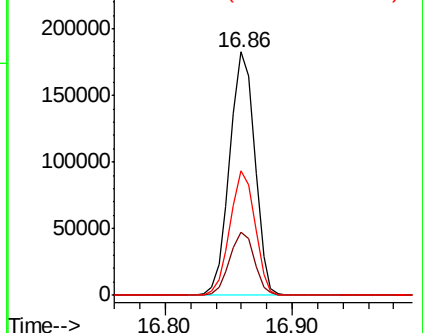
215 51.3 31.8 71.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 43.351 ng

RT: 17.05 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

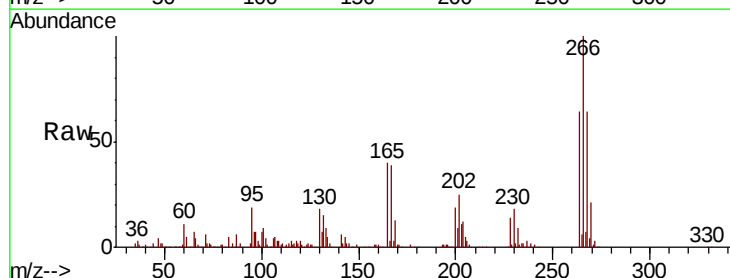
Tgt Ion:266 Resp: 190609

Ion Ratio Lower Upper

266 100

268 63.7 52.9 79.3

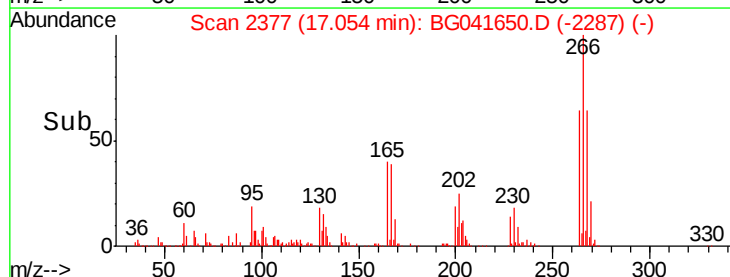
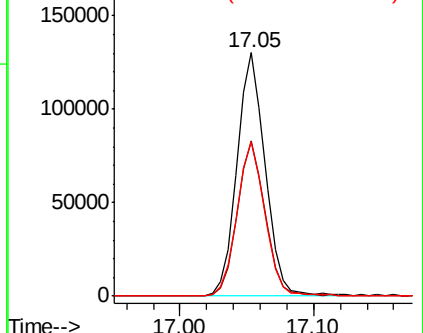
264 63.5 51.4 77.2

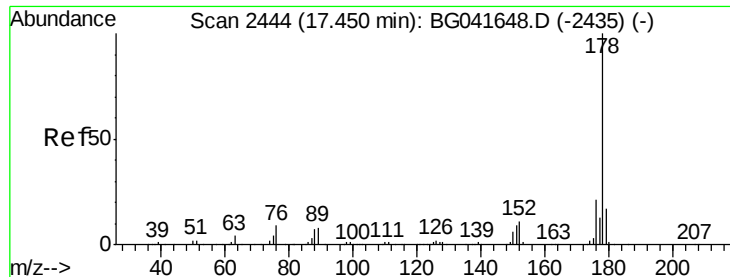


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

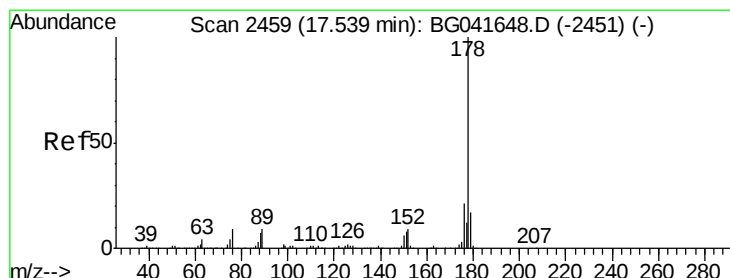
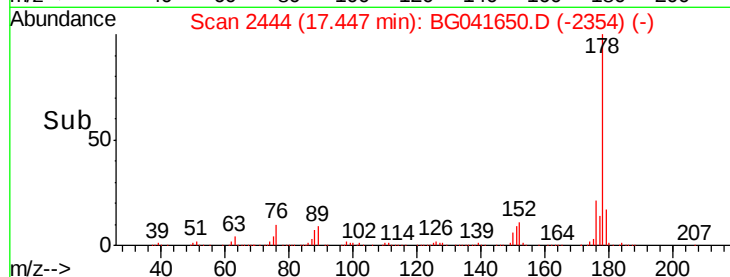
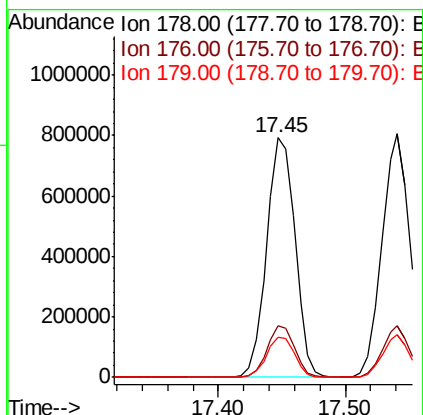
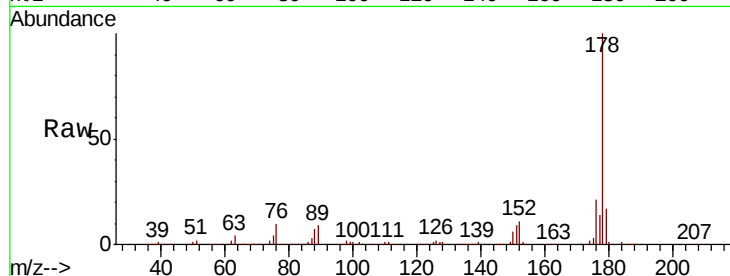




#71
Phenanthrene
Concen: 41.796 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

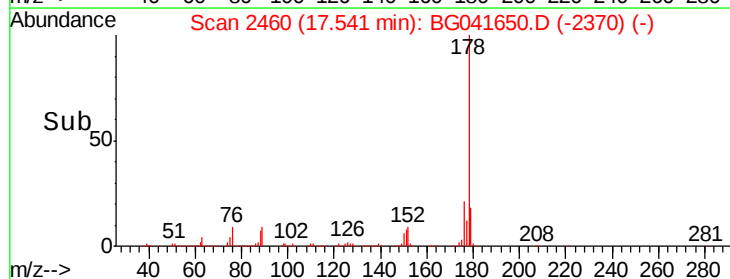
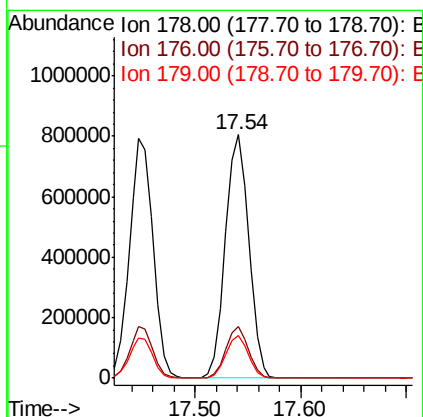
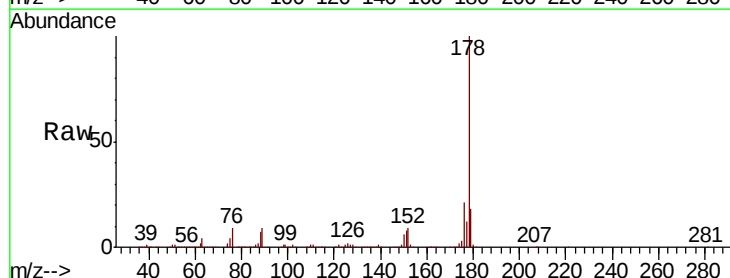
Instrument :
BNA_G
ClientSampleId :
ICVBG071519

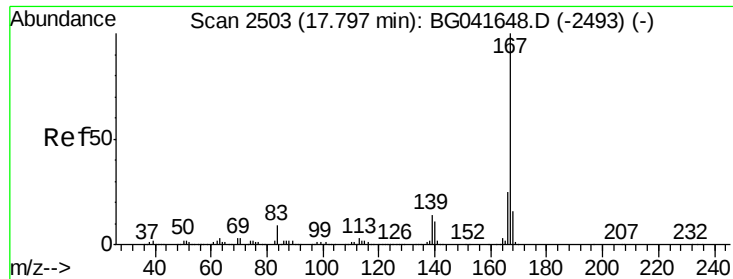
Tot Ion:178 Resp: 1235332
Ion Ratio Lower Upper
178 100
176 21.3 18.6 28.0
179 17.0 15.4 23.0



#72
Anthracene
Concen: 42.014 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion:178 Resp: 1237779
Ion Ratio Lower Upper
178 100
176 21.3 18.6 28.0
179 17.5 15.1 22.7





#73

Carbazole

Concen: 42.065 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

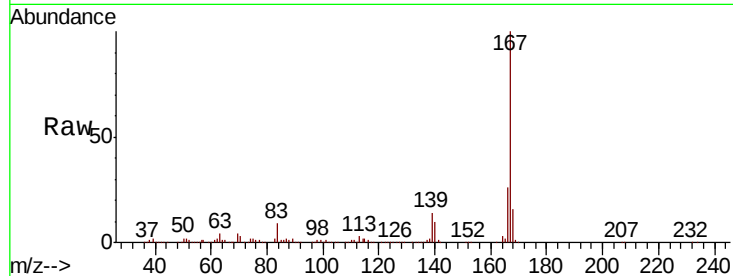
Tot Ion:167 Resp: 1149352

Ion Ratio Lower Upper

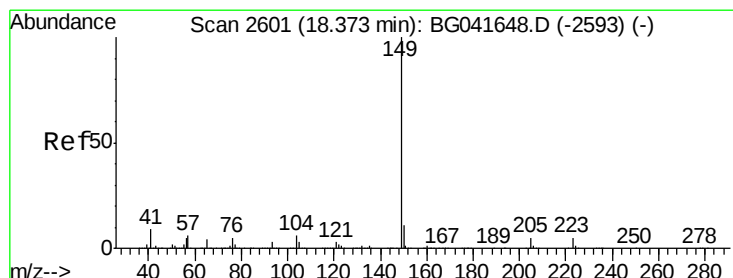
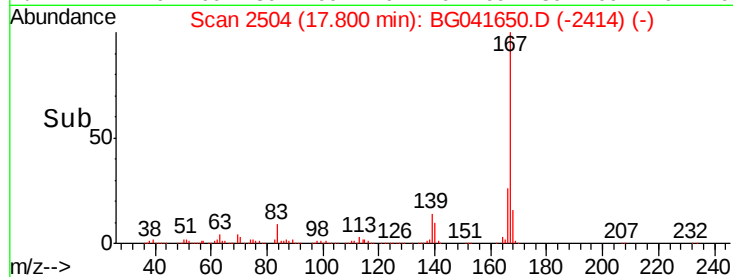
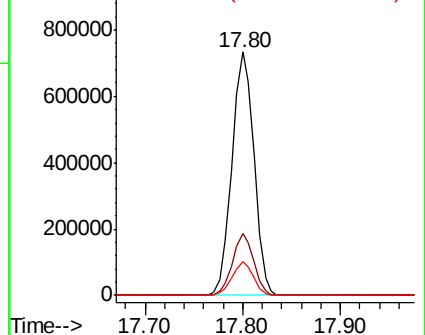
167 100

166 25.6 21.4 32.2

139 14.0 12.1 18.1



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



#74

Di-n-butylphthalate

Concen: 41.537 ng

RT: 18.38 min Scan# 2602

Delta R.T. 0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

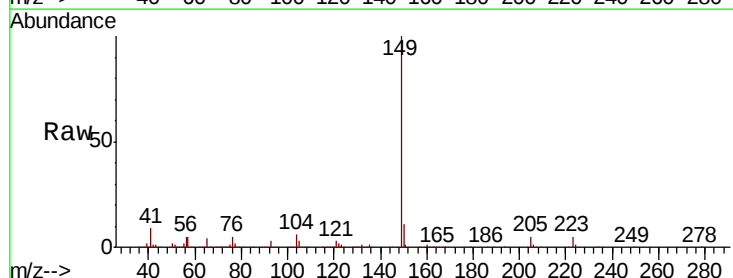
Tgt Ion:149 Resp: 1384242

Ion Ratio Lower Upper

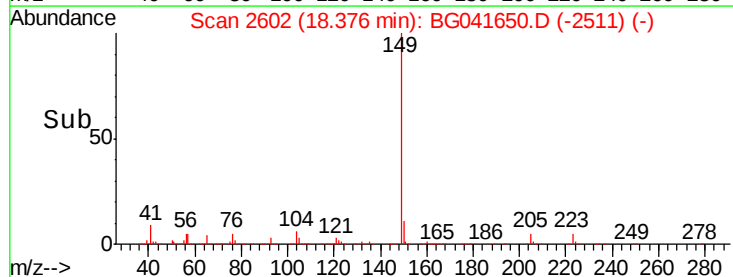
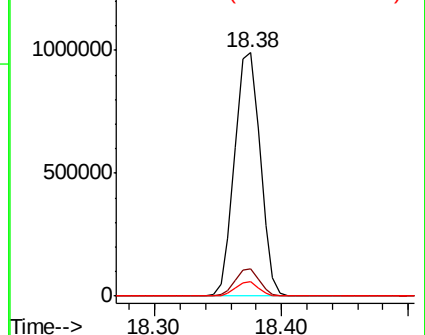
149 100

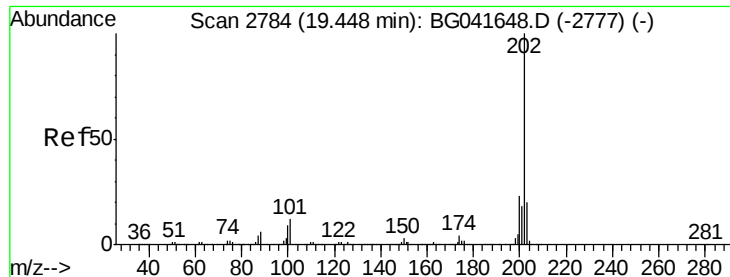
150 11.2 10.2 15.2

104 5.8 5.3 7.9



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





#75

Fluoranthene

Concen: 40.895 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

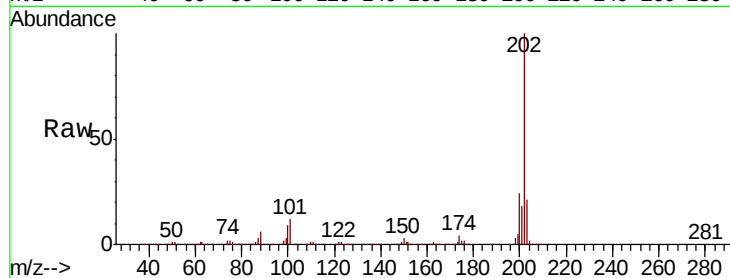
Tot Ion:202 Resp: 1484159

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.8

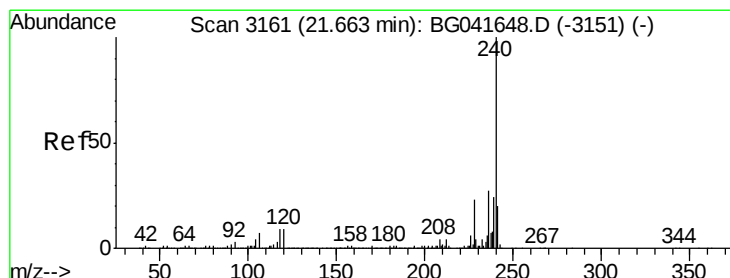
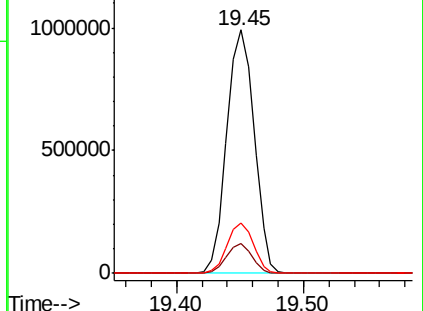
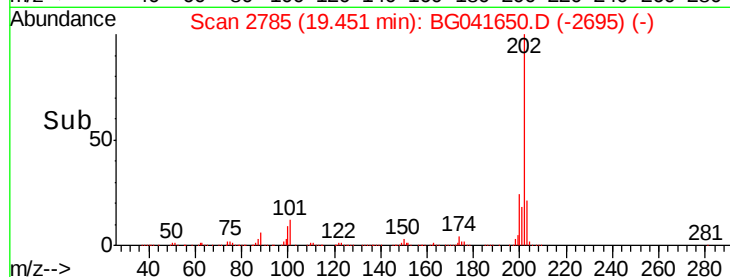
203 20.7 3.7 43.7



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: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

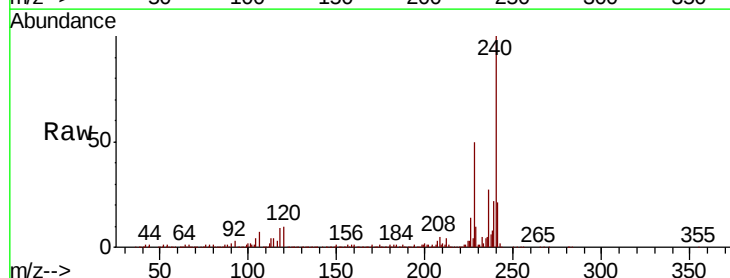
Tgt Ion:240 Resp: 526182

Ion Ratio Lower Upper

240 100

120 10.1 8.0 12.0

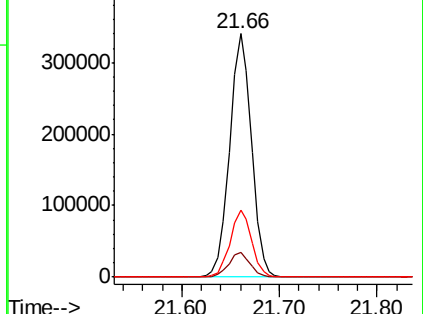
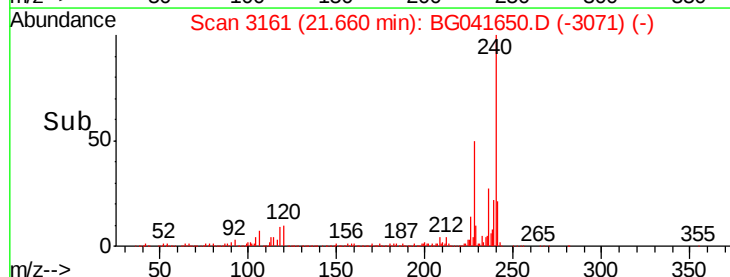
236 27.4 22.6 33.8

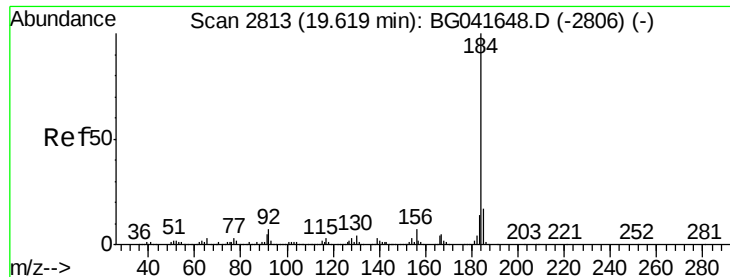


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.250 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

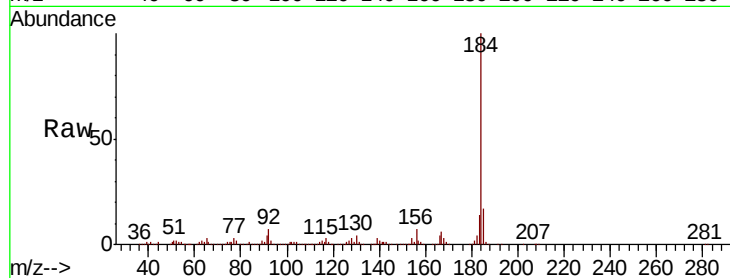
Tot Ion:184 Resp: 716871

Ion Ratio Lower Upper

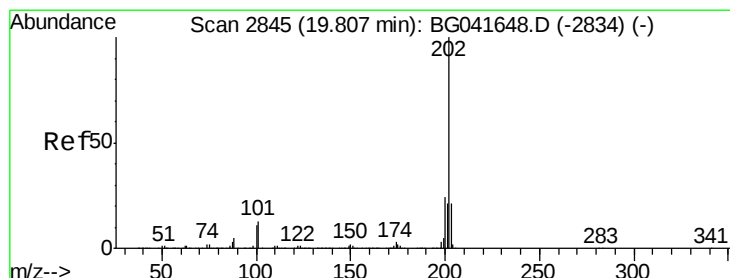
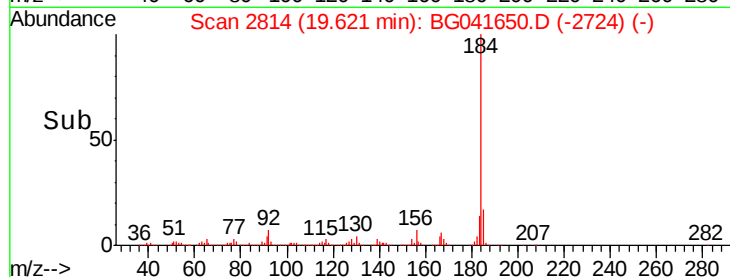
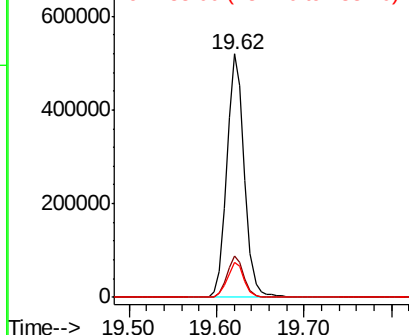
184 100

185 17.2 13.0 19.4

183 14.1 11.8 17.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.529 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

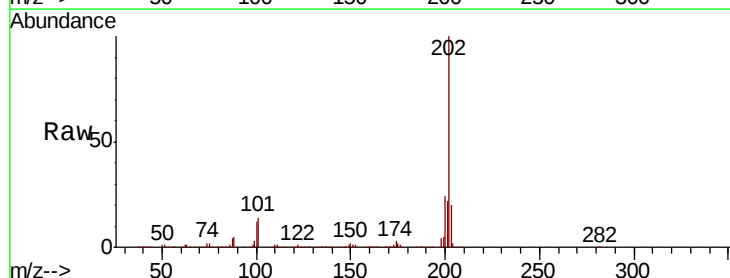
Tgt Ion:202 Resp: 1477909

Ion Ratio Lower Upper

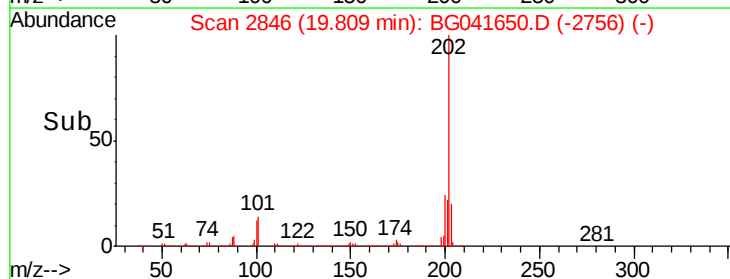
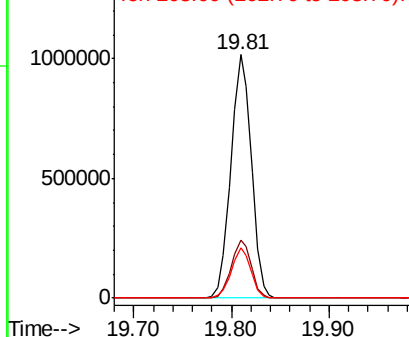
202 100

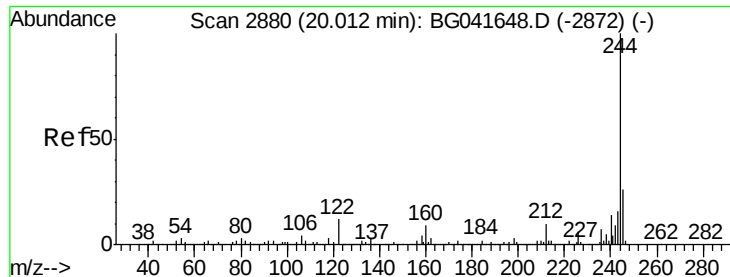
200 24.0 22.2 33.2

203 20.4 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: 86.799 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

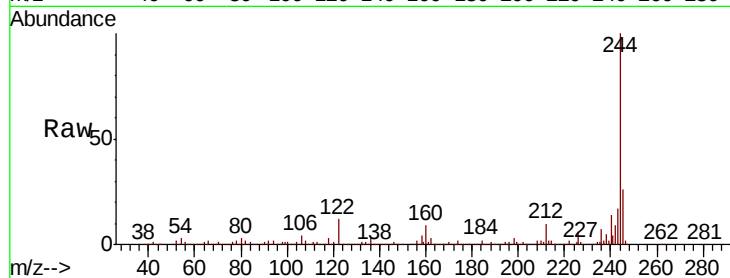
Tot Ion:244 Resp: 1954414

Ion Ratio Lower Upper

244 100

212 9.6 9.7 14.5#

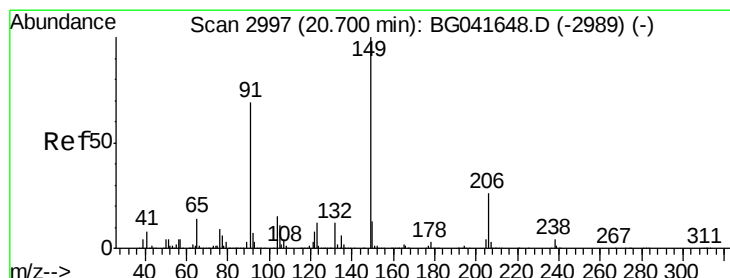
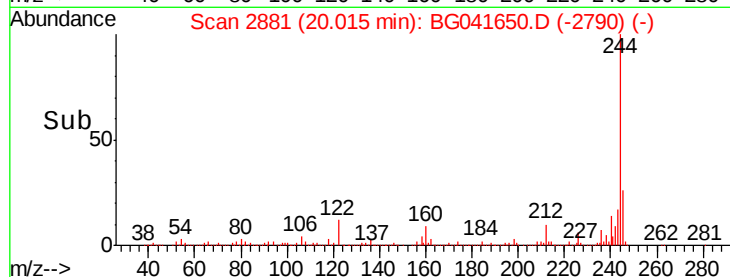
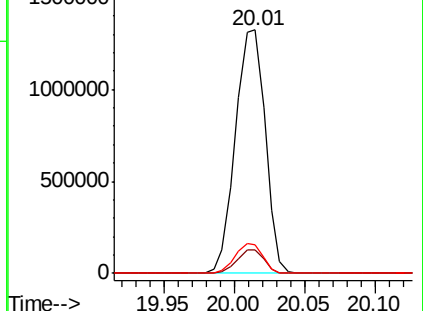
122 11.7 12.5 18.7#



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: 42.857 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

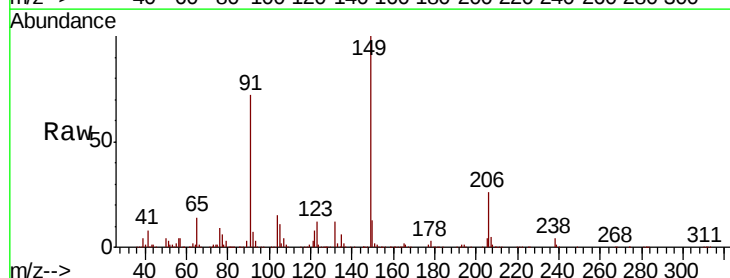
Tgt Ion:149 Resp: 633778

Ion Ratio Lower Upper

149 100

91 72.1 58.9 88.3

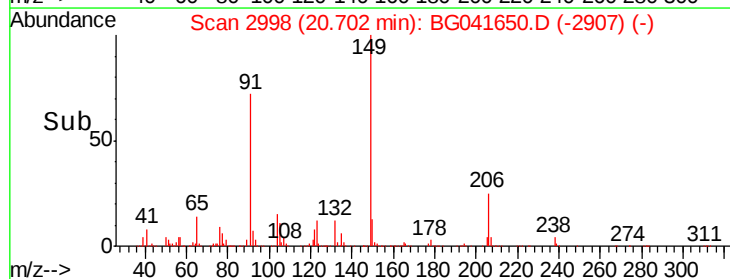
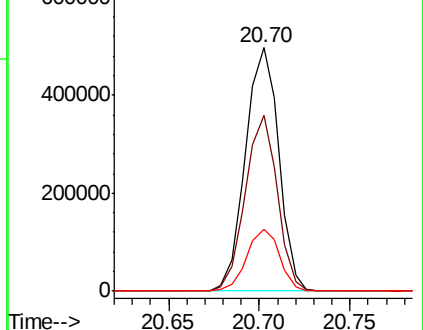
206 25.5 20.8 31.2

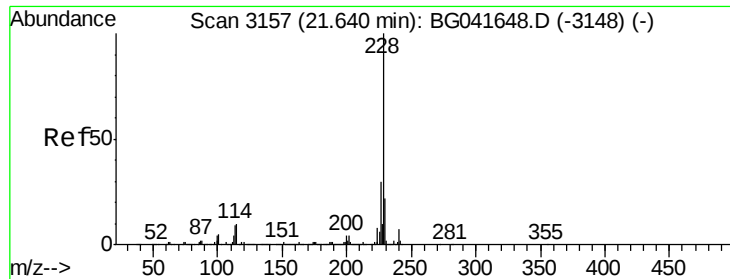


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.153 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

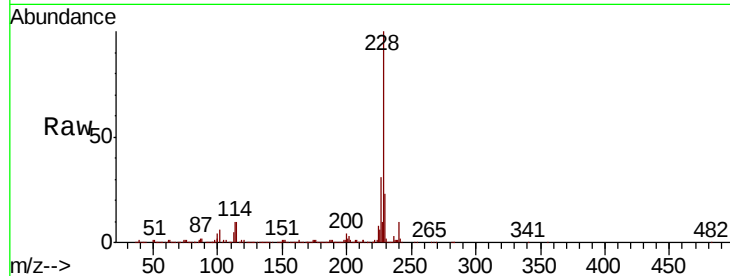
BNA_G

ClientSampleId :

ICVBG071519

Tot Ion:228 Resp: 1433053

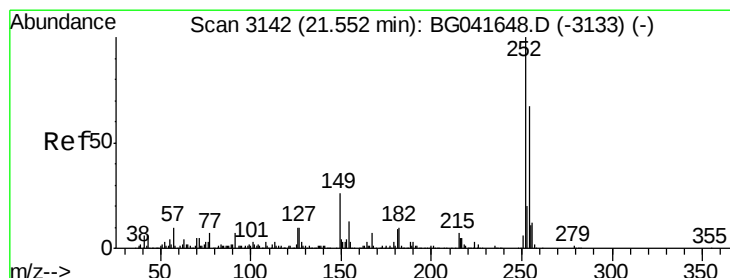
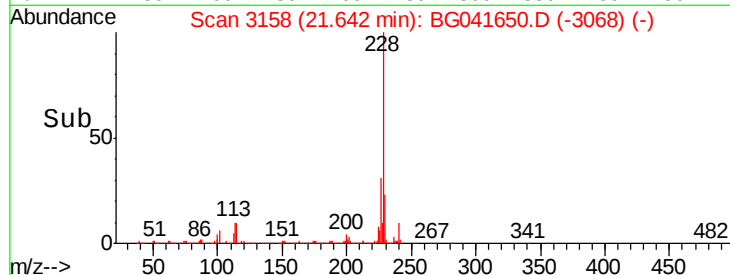
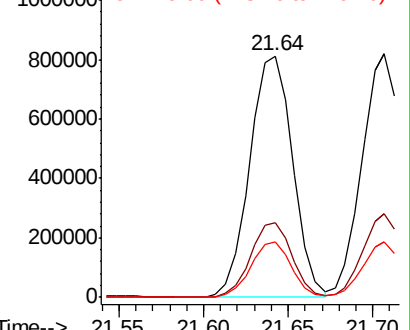
Ion	Ratio	Lower	Upper
228	100		
226	30.9	27.3	40.9
229	22.9	19.7	29.5



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: 41.480 ng

RT: 21.55 min Scan# 3142

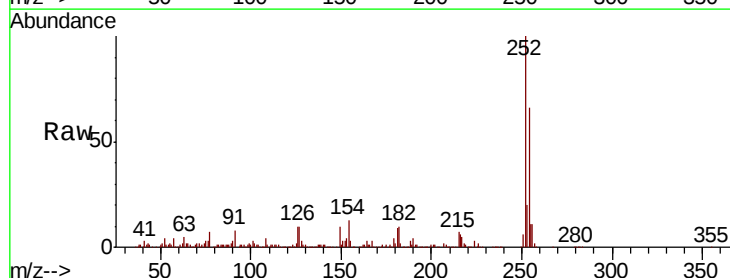
Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Tgt Ion:252 Resp: 554922

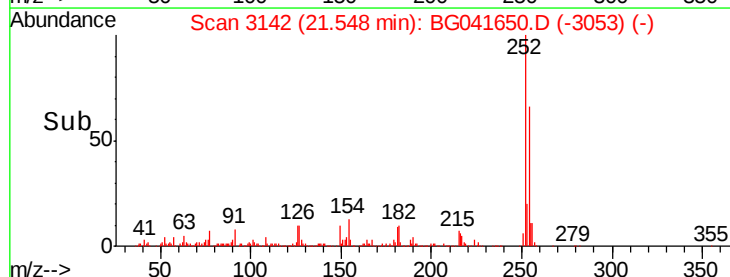
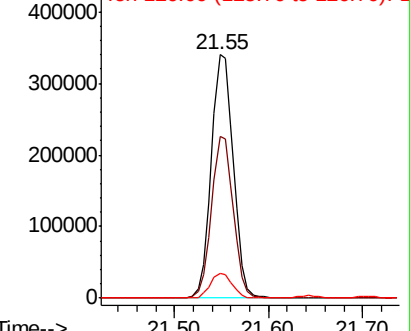
Ion	Ratio	Lower	Upper
252	100		
254	66.5	53.8	80.6
126	10.0	7.8	11.8

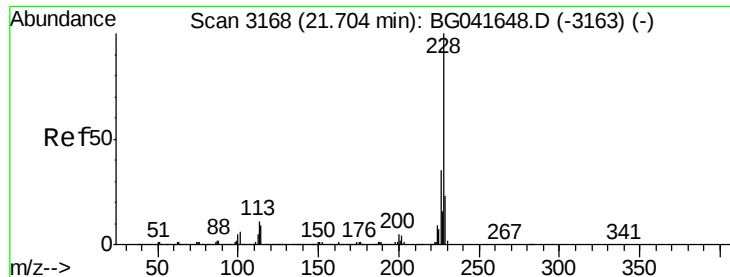


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

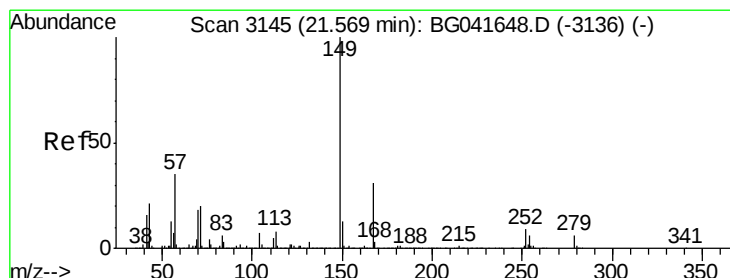
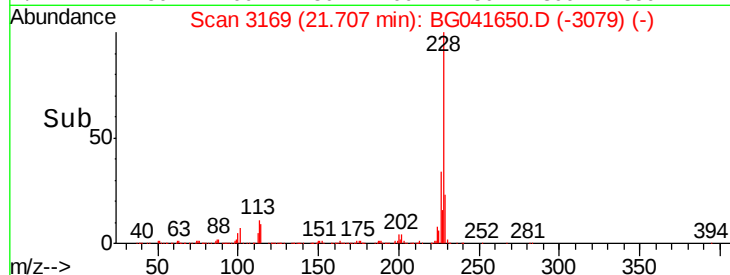
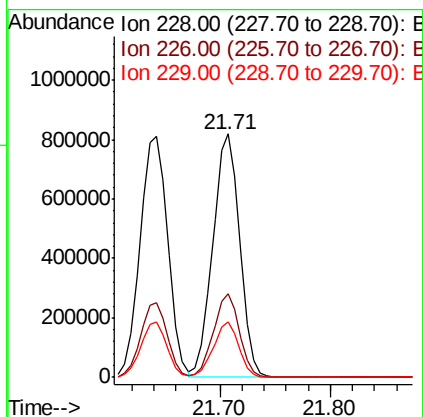
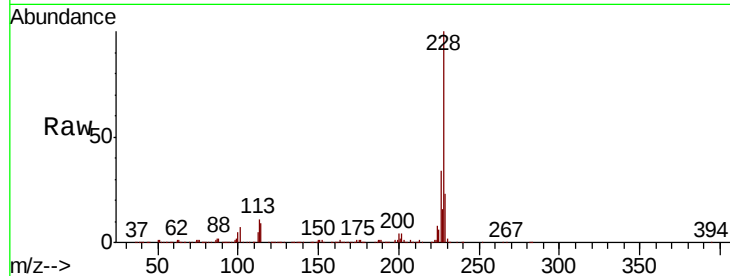




#83
Chrysene
Concen: 42.155 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

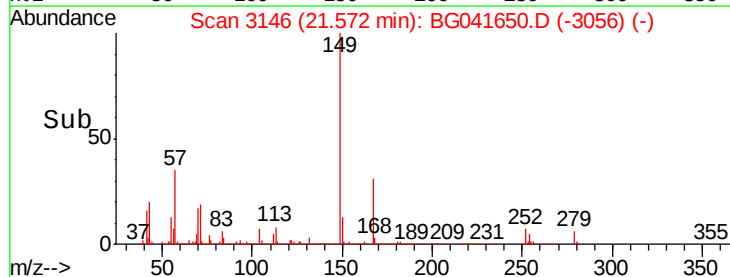
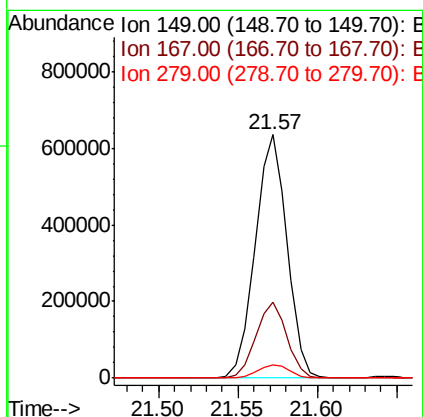
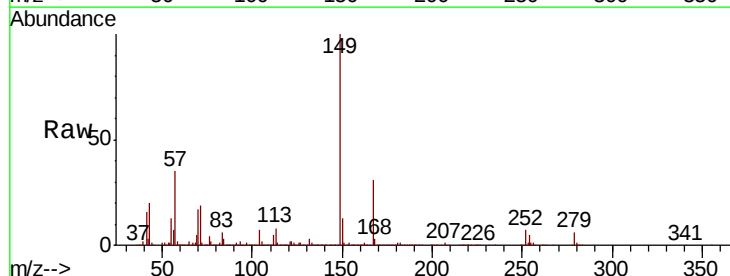
Instrument :
BNA_G
ClientSampleId :
ICVBG071519

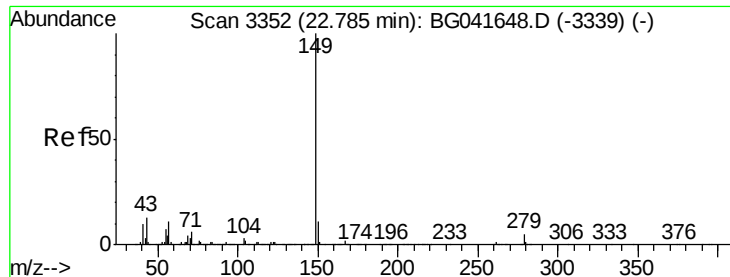
Tot Ion:228 Resp: 1369417
Ion Ratio Lower Upper
228 100
226 34.4 30.1 45.1
229 22.9 19.8 29.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.447 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion:149 Resp: 886283
Ion Ratio Lower Upper
149 100
167 31.1 27.0 40.4
279 5.6 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 42.953 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

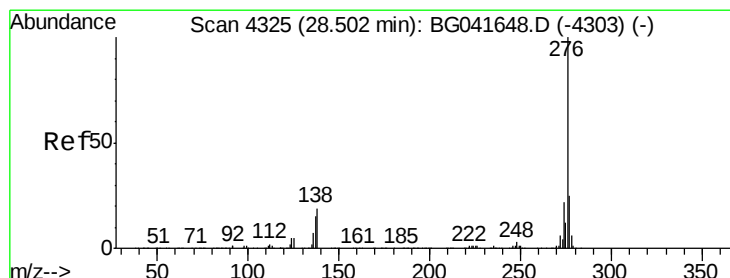
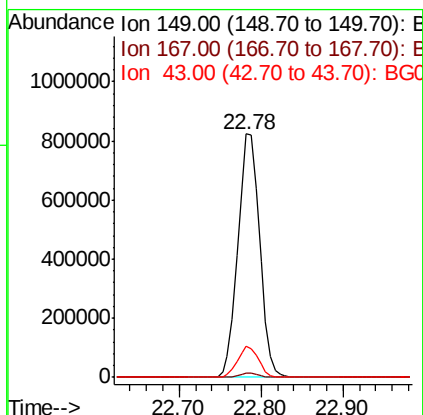
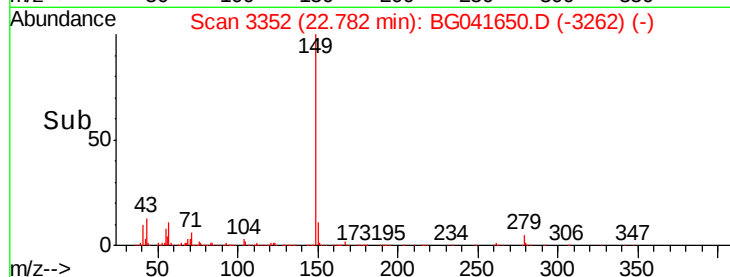
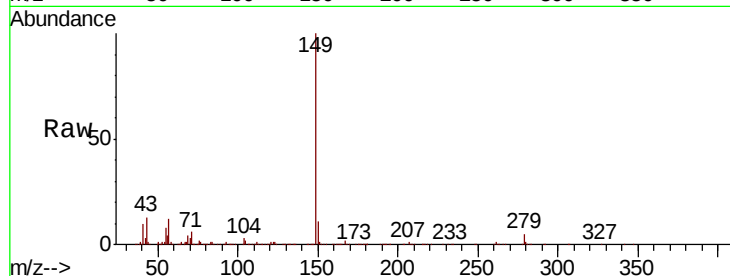
Tot Ion:149 Resp: 1527320

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

43 12.4 10.6 16.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.787 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

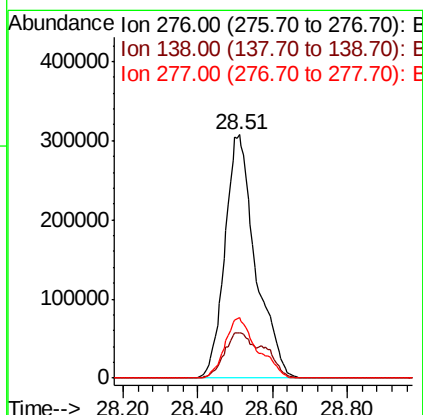
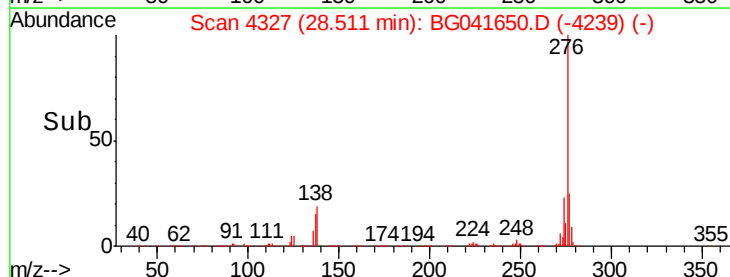
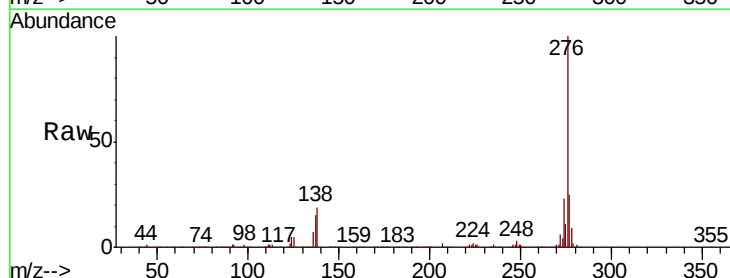
Tgt Ion:276 Resp: 1748281

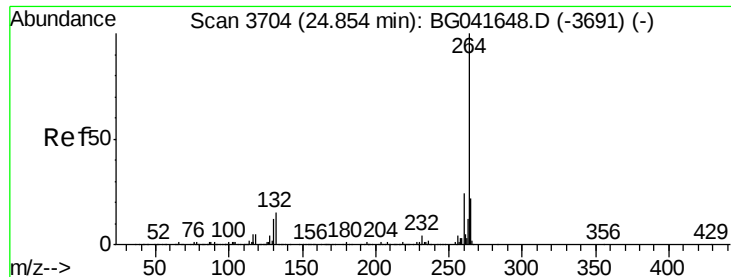
Ion Ratio Lower Upper

276 100

138 17.1 19.4 29.0#

277 26.2 21.2 31.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

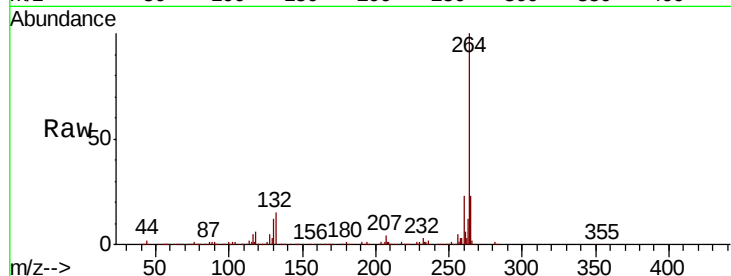
Tot Ion:264 Resp: 609009

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 22.8 18.0 27.0

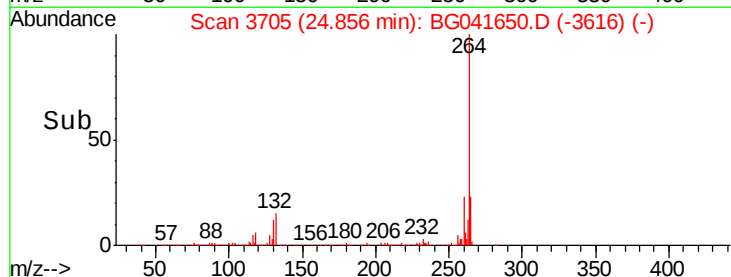


Abundance Ion 264.00 (263.70 to 264.70): E

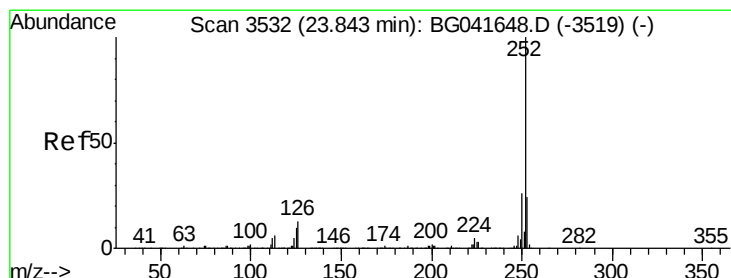
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.86



Time-->



#88

Benzo(b)fluoranthene

Concen: 41.575 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

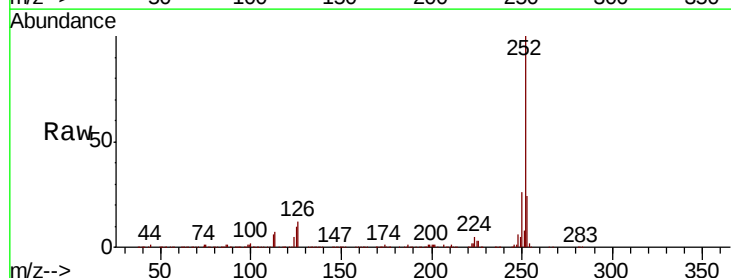
Tgt Ion:252 Resp: 1535835

Ion Ratio Lower Upper

252 100

253 24.0 20.6 30.8

125 10.2 8.0 12.0

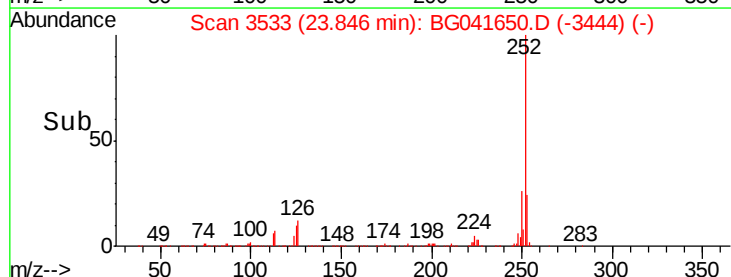


Abundance Ion 252.00 (251.70 to 252.70): E

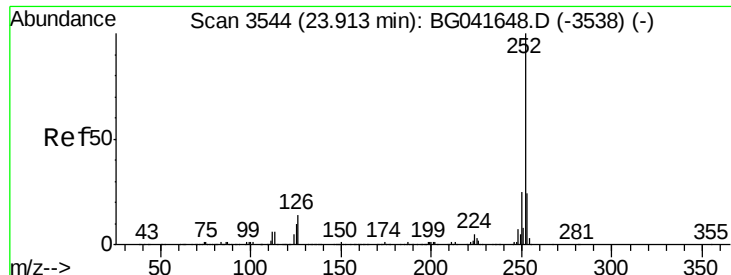
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.85



Time-->



#89

Benzo(k)fluoranthene

Concen: 42.388 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

Instrument :

BNA_G

ClientSampleId :

ICVBG071519

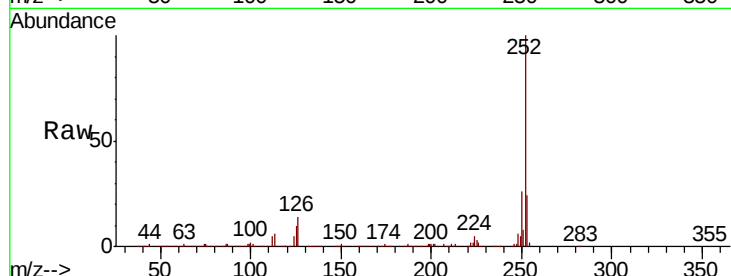
Tot Ion:252 Resp: 1450950

Ion Ratio Lower Upper

252 100

253 23.8 20.5 30.7

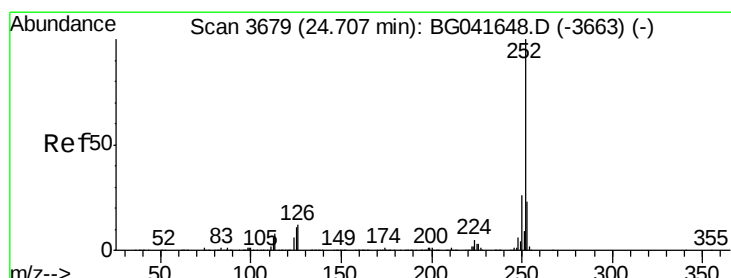
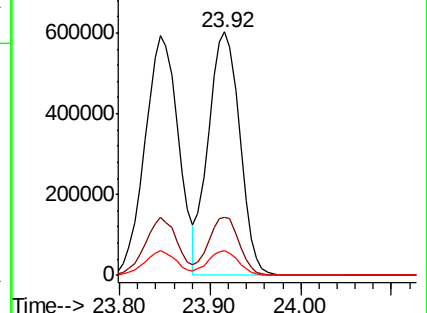
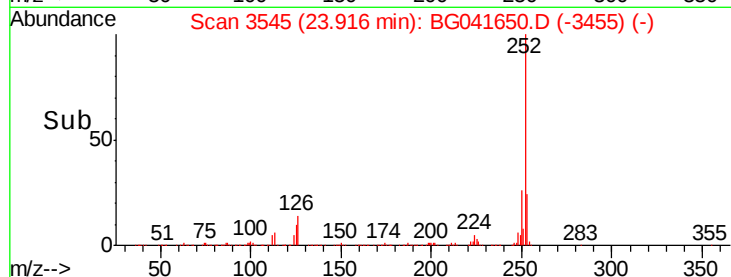
125 10.2 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.563 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG041650.D

Acq: 15 Jul 2019 15:35

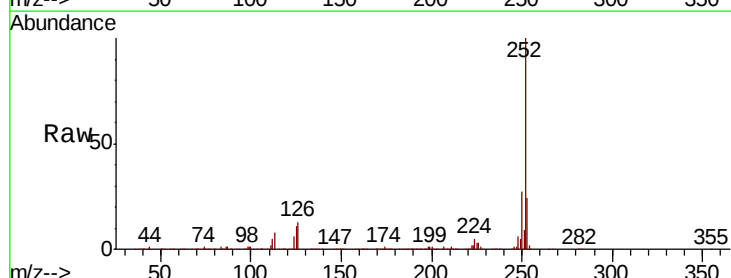
Tgt Ion:252 Resp: 1452677

Ion Ratio Lower Upper

252 100

253 23.7 19.8 29.8

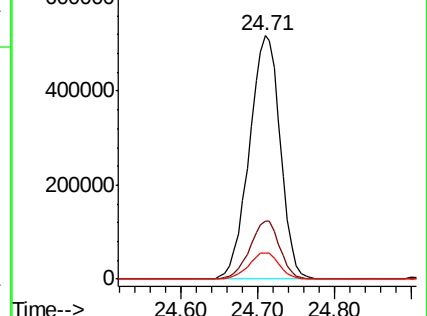
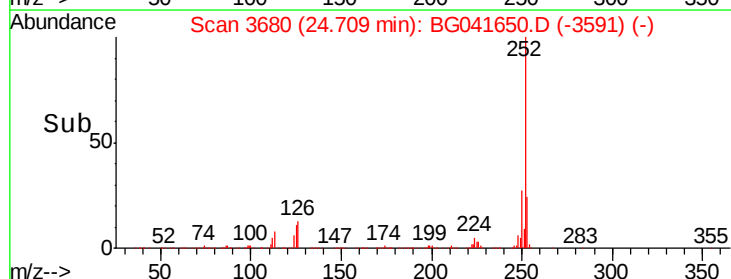
125 10.9 8.8 13.2

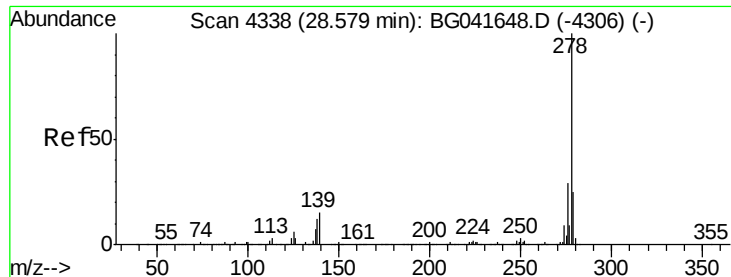


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



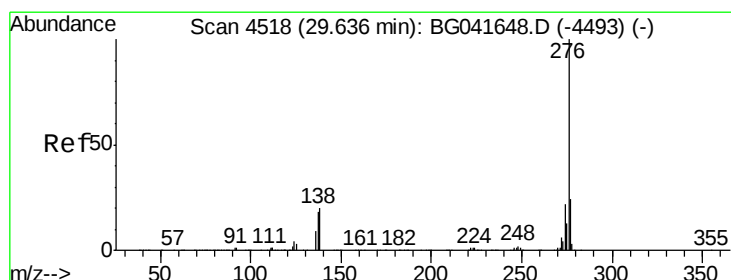
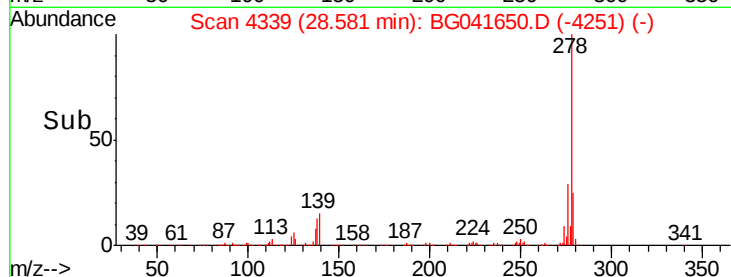
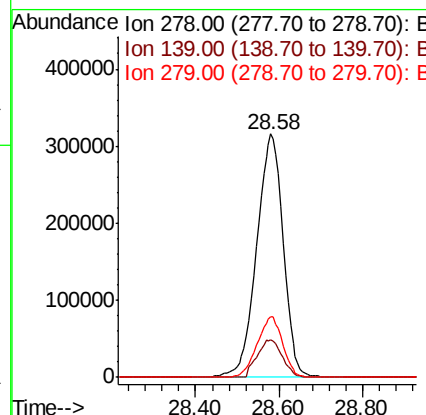
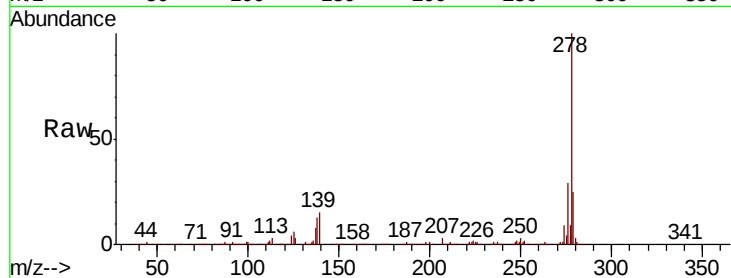


#91
Dibenzo(a,h)anthracene
Concen: 41.365 ng
RT: 28.58 min Scan# 4339
Delta R.T. -0.01 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Instrument :
BNA_G
ClientSampleId :
ICVBG071519

Tot Ion:278 Resp: 1401777

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	19.0
279	25.1	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 41.187 ng
RT: 29.65 min Scan# 4521
Delta R.T. -0.01 min
Lab File: BG041650.D
Acq: 15 Jul 2019 15:35

Tgt Ion:276 Resp: 1398726

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.8	29.8
138	19.9	16.6	25.0

