

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
 Data File : BG041745.D
 Acq On : 22 Jul 2019 12:09
 Operator : HP/JU
 Sample : K3615-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 22 15:05:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	135486	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	542918	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	351556	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	856537	20.00	ng	0.00
76) Chrysene-d12	21.65	240	830875	20.00	ng	0.00
87) Perylene-d12	24.84	264	959212	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	894161	107.89	ng	0.00
7) Phenol-d6	7.20	99	1116862	100.19	ng	0.00
23) Nitrobenzene-d5	9.20	82	836724	93.73	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	585866	147.87	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1885212	83.04	ng	0.00
79) Terphenyl-d14	20.00	244	2830946	79.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	105694	26.851	ng	# 17
3) Pyridine	3.90	79	244245	23.245	ng	92
4) n-Nitrosodimethylamine	3.80	42	141463	29.154	ng	92
6) Aniline	7.37	93	213077	14.222	ng	95
8) 2-Chlorophenol	7.61	128	355081	37.844	ng	97
9) Benzaldehyde	7.18	77	139245	17.449	ng	90
10) Phenol	7.23	94	375232	31.949	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	343982	36.264	ng	96
12) 1,3-Dichlorobenzene	7.93	146	371710	33.202	ng	99
13) 1,4-Dichlorobenzene	8.08	146	374639	33.415	ng	97
14) 1,2-Dichlorobenzene	8.40	146	358853	33.948	ng	96
15) Benzyl Alcohol	8.28	79	313939	35.374	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	627001	31.900	ng	97
17) 2-Methylphenol	8.48	107	300620	37.012	ng	98
18) Hexachloroethane	9.13	117	134089	32.653	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	282076	34.620	ng	95
20) 3+4-Methylphenols	8.81	107	405332	36.416	ng	98
22) Acetophenone	8.86	105	540460	40.873	ng	# 95
24) Nitrobenzene	9.25	77	397315	40.798	ng	97
25) Isophorone	9.77	82	755488	38.647	ng	99
26) 2-Nitrophenol	9.96	139	203140	45.715	ng	99
27) 2,4-Dimethylphenol	10.01	122	346327	44.776	ng	100
28) bis(2-Chloroethoxy)methane	10.25	93	469810	38.994	ng	99
29) 2,4-Dichlorophenol	10.50	162	387538	43.946	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	402682	38.891	ng	98
31) Naphthalene	10.90	128	1045007	39.097	ng	99
32) Benzoic acid	10.14	122	173388	31.842	ng	96
33) 4-Chloroaniline	11.00	127	57919	4.698	ng	96
34) Hexachlorobutadiene	11.20	225	252637	37.962	ng	98
35) Caprolactam	11.77	113	52285	16.131	ng	# 87
36) 4-Chloro-3-methylphenol	12.11	107	391178	42.343	ng	99
37) 2-Methylnaphthalene	12.50	142	823783	40.340	ng	100
38) 1-Methylnaphthalene	12.72	142	780355	40.083	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	488616	40.576	ng	99

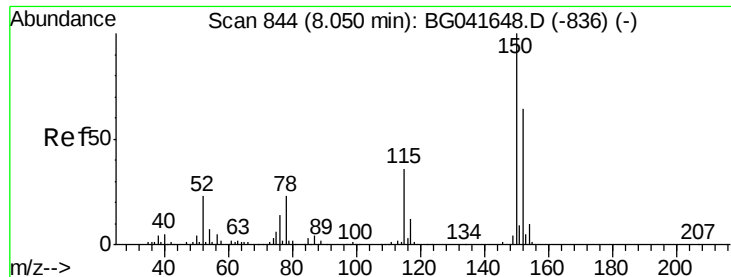
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
 Data File : BG041745.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	484401	71.110	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	335736	42.908	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	361573	43.859	nq	97
46) 1,1'-Biphenyl	13.50	154	1054306	40.030	nq	99
47) 2-Chloronaphthalene	13.55	162	851216	38.779	nq	99
48) 2-Nitroaniline	13.73	65	269300	42.137	nq	94
49) Acenaphthylene	14.39	152	1339640	39.094	nq	99
50) Dimethylphthalate	14.12	163	1200812	43.491	nq	100
51) 2,6-Dinitrotoluene	14.23	165	269764	46.062	nq	93
52) Acenaphthene	14.73	154	916775	42.454	nq	99
53) 3-Nitroaniline	14.55	138	123638	19.339	nq	# 95
54) 2,4-Dinitrophenol	14.76	184	219295	74.661	nq	96
55) Dibenzofuran	15.06	168	1305214	40.279	nq	99
56) 4-Nitrophenol	14.86	139	421667	81.465	nq	94
57) 2,4-Dinitrotoluene	15.01	165	374119	48.325	nq	97
58) Fluorene	15.71	166	1066072	40.432	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	354066	46.522	nq	# 97
60) Diethylphthalate	15.48	149	1119517	40.248	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	616007	41.330	nq	99
62) 4-Nitroaniline	15.71	138	282806	41.709	nq	98
63) Azobenzene	15.99	77	974231	38.740	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	184610	45.763	nq	96
66) n-Nitrosodiphenylamine	15.91	169	1016226	40.401	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	419900	41.200	nq	99
68) Hexachlorobenzene	16.71	284	417759	40.706	nq	97
69) Atrazine	16.85	200	410975	45.023	nq	99
70) Pentachlorophenol	17.05	266	551954	86.014	nq	100
71) Phenanthrene	17.44	178	1731240	40.135	nq	99
72) Anthracene	17.54	178	1768025	41.119	nq	99
73) Carbazole	17.79	167	1645762	41.271	nq	100
74) Di-n-butylphthalate	18.36	149	1887259	38.803	nq	99
75) Fluoranthene	19.45	202	2116634	39.962	nq	99
77) Benzidine	19.62	184	220800	5.057	nq	95
78) Pyrene	19.80	202	2148202	38.228	nq	99
80) Butylbenzylphthalate	20.69	149	932815	39.947	nq	92
81) Benzo(a)anthracene	21.63	228	2104564	39.203	nq	100
82) 3,3'-Dichlorobenzidine	21.54	252	467670	22.138	nq	97
83) Chrysene	21.70	228	2018631	39.352	nq	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	1280561	38.840	nq	100
85) Di-n-octyl phthalate	22.76	149	2174369	38.726	nq	96
86) Indeno(1,2,3-cd)pyrene	28.49	276	2774990	40.999	nq	# 92
88) Benzo(b)fluoranthene	23.83	252	2318992	39.857	nq	98
89) Benzo(k)fluoranthene	23.90	252	2297421	42.613	nq	99
90) Benzo(a)pyrene	24.70	252	2308628	41.937	nq	100
91) Dibenzo(a,h)anthracene	28.55	278	2262686	42.392	nq	98
92) Benzo(g,h,i)perylene	29.63	276	2295913	42.923	nq	97

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

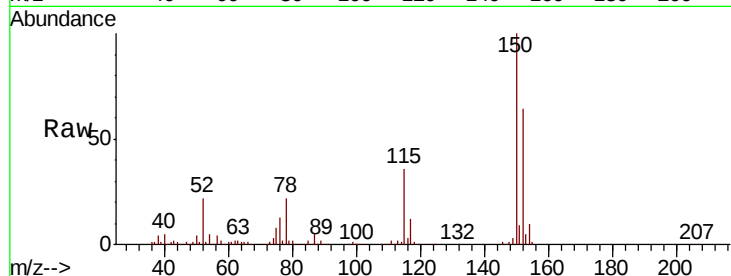


#1

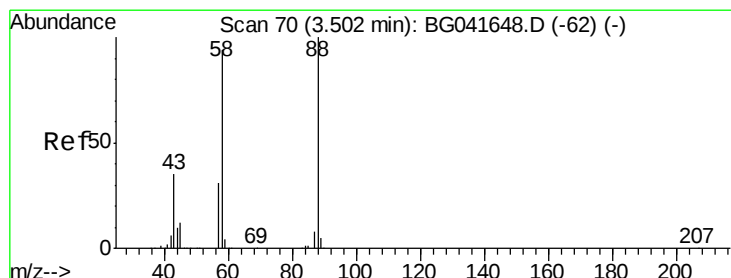
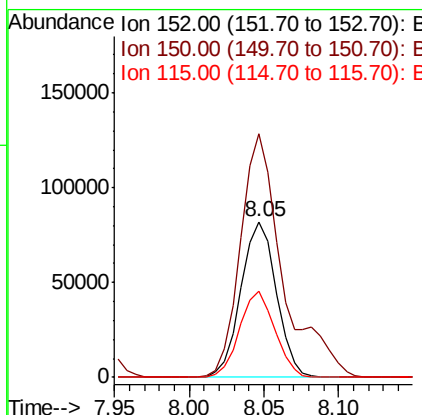
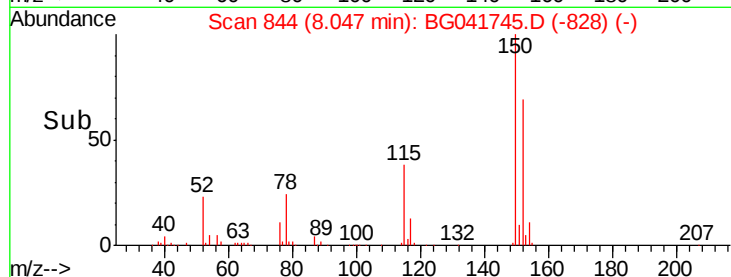
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.9	190.3
115	55.7	45.0	67.6



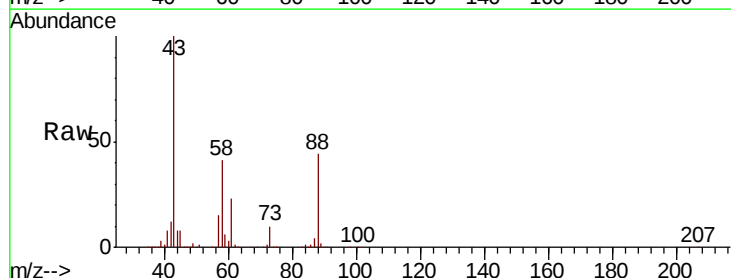
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



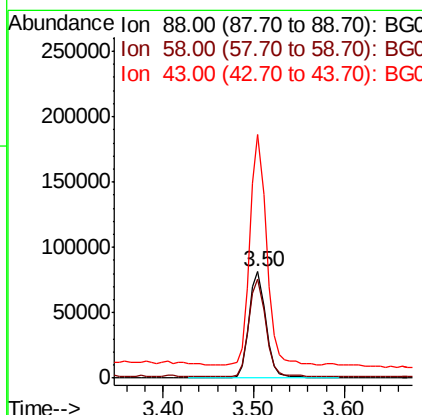
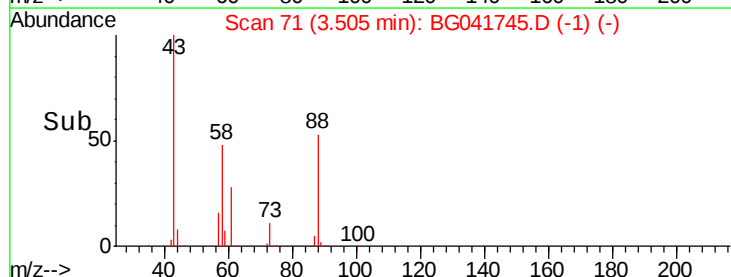
#2

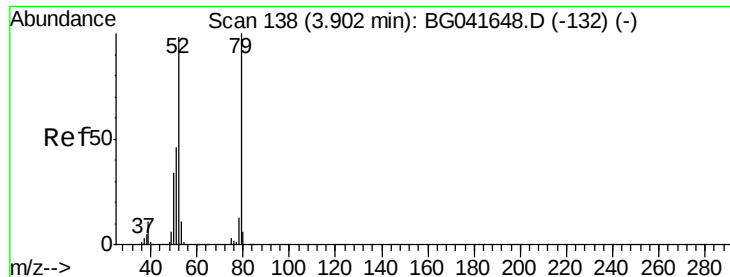
1,4-Dioxane
Concen: 26.851 ng
RT: 3.50 min Scan# 71
Delta R.T. 0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.3	76.2	114.2
43	207.6	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: 23.245 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampleId :

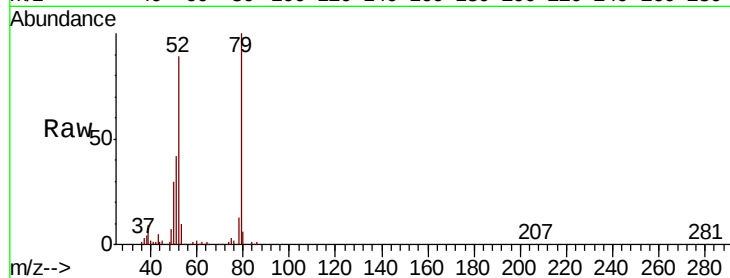
Tot Ion: 79 Resp: 244245

Ion Ratio Lower Upper

79 100

52 89.2 77.1 115.7

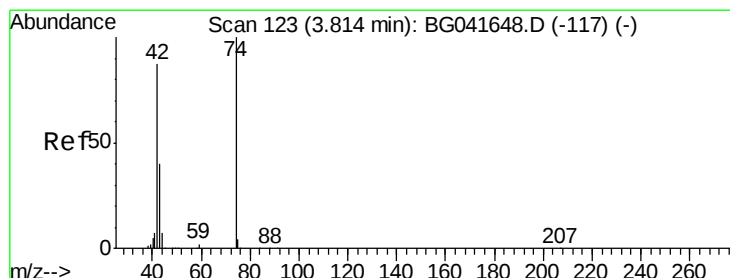
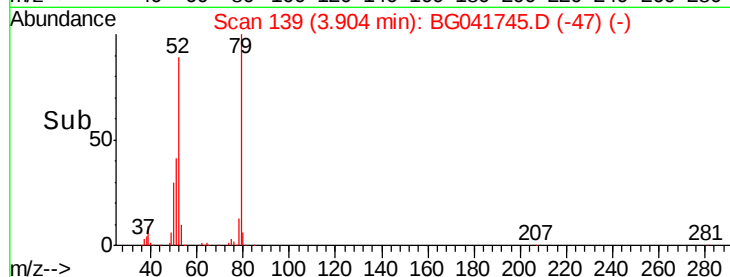
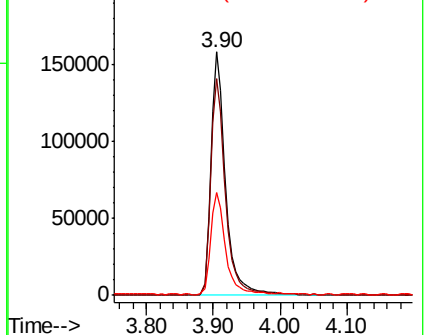
51 42.1 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 29.154 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

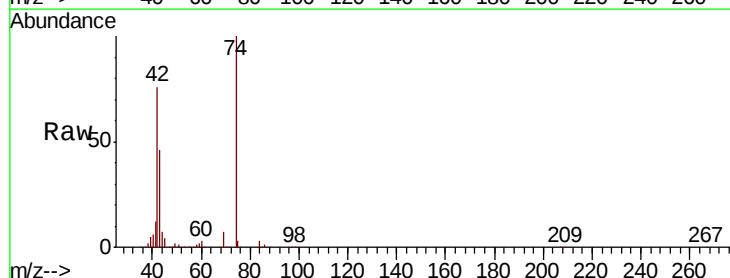
Tgt Ion: 42 Resp: 141463

Ion Ratio Lower Upper

42 100

74 131.4 97.4 146.2

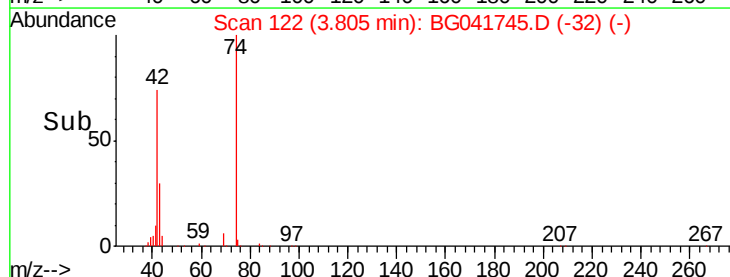
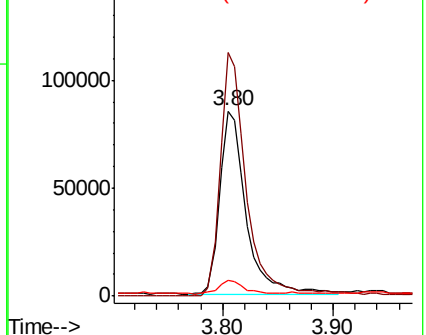
44 8.6 6.6 9.8

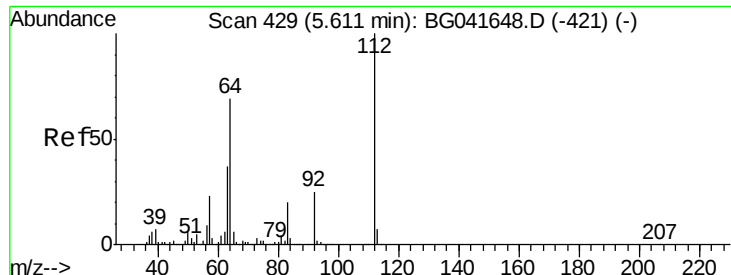


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 107.888 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampleId :

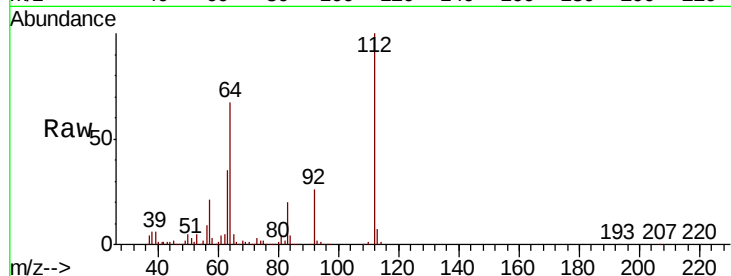
Tot Ion:112 Resp: 894161

Ion Ratio Lower Upper

112 100

64 67.2 55.4 83.2

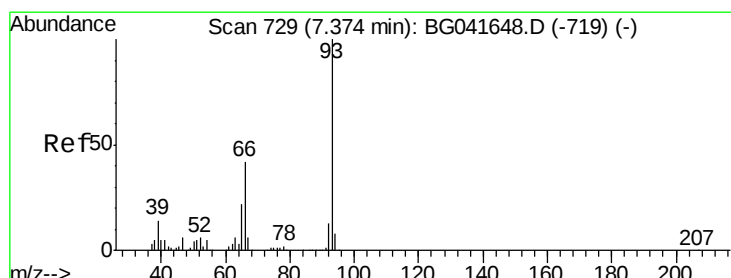
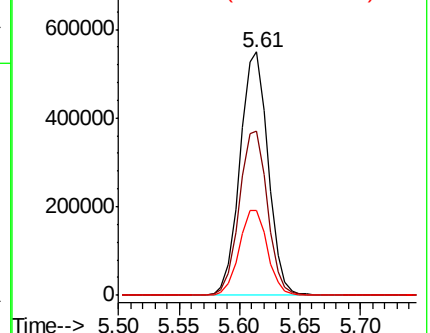
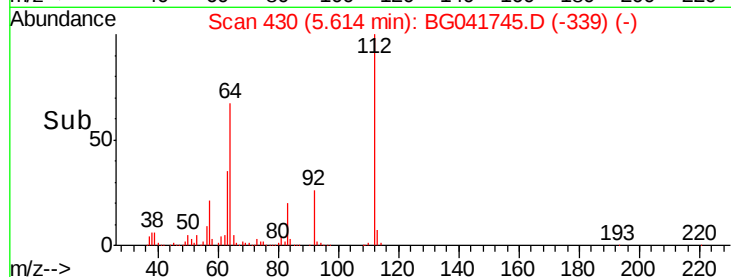
63 35.0 29.1 43.7



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: 14.222 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

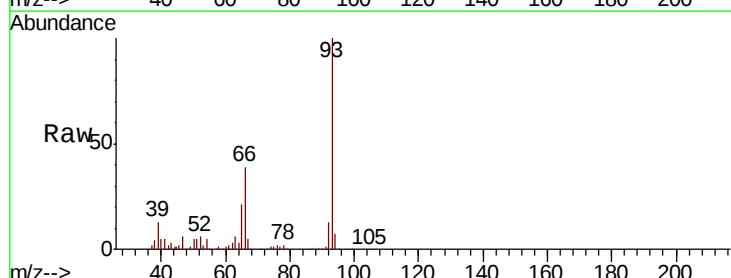
Tgt Ion: 93 Resp: 213077

Ion Ratio Lower Upper

93 100

66 39.3 34.2 51.2

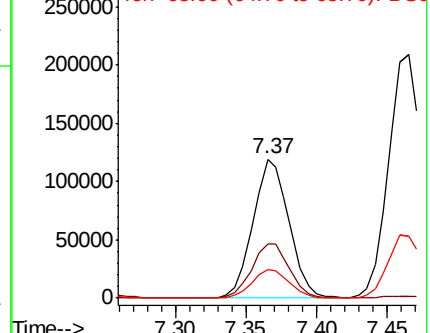
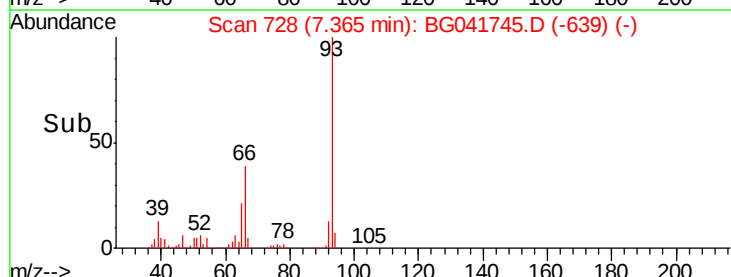
65 20.9 18.2 27.2

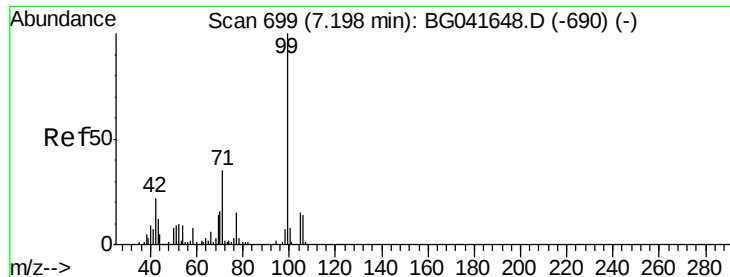


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.189 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

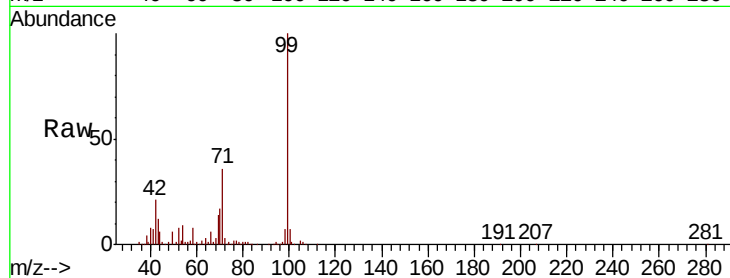
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1116862

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.6	26.4
71	35.7	27.8	41.6

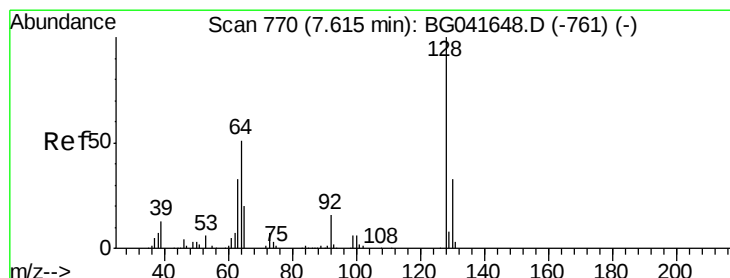
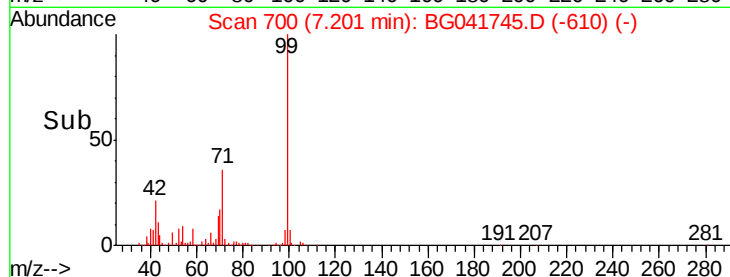
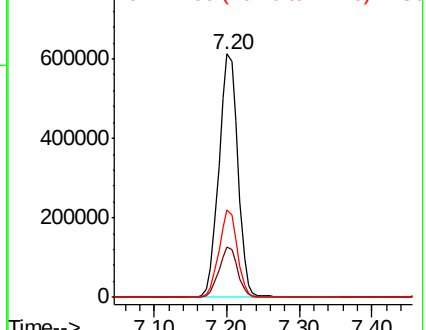


Abundance

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: 37.844 ng

RT: 7.61 min Scan# 770

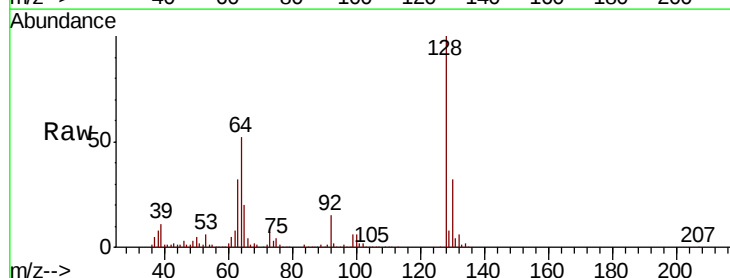
Delta R.T. -0.00 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Tgt Ion: 128 Resp: 355081

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.4	52.4
64	51.7	34.9	74.9

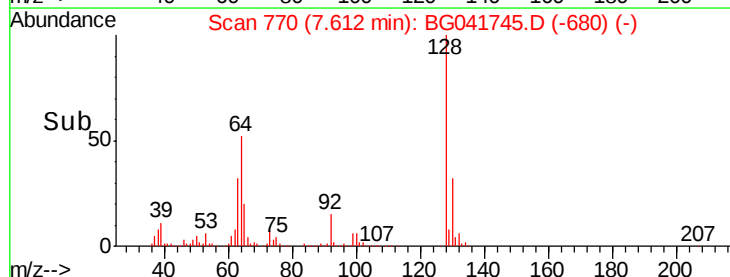
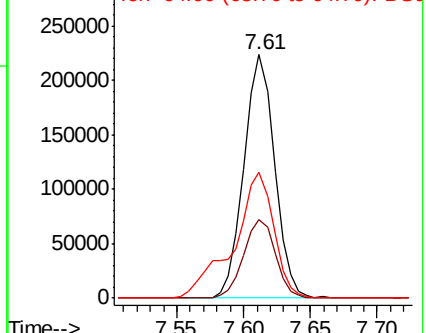


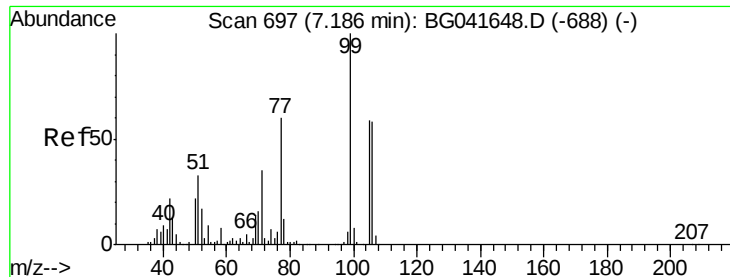
Abundance

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: 17.449 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampleId :

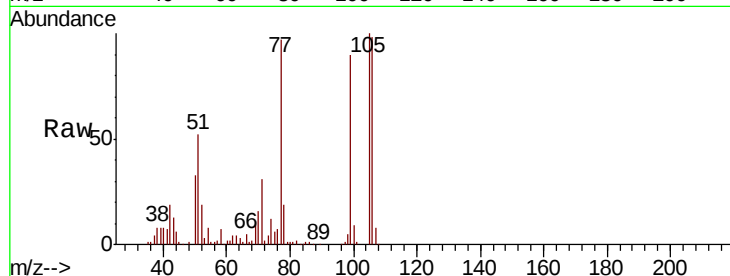
Tot Ion: 77 Resp: 139245

Ion Ratio Lower Upper

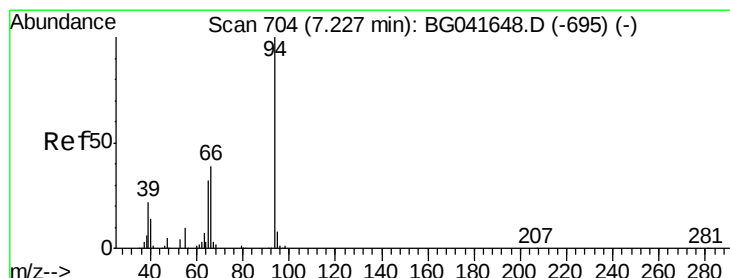
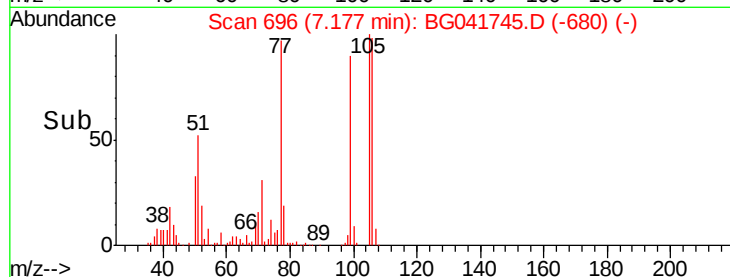
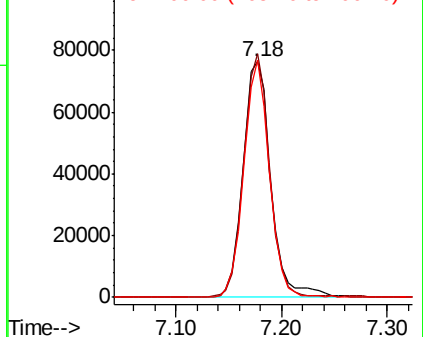
77 100

105 103.3 74.6 114.6

106 100.7 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: 31.949 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

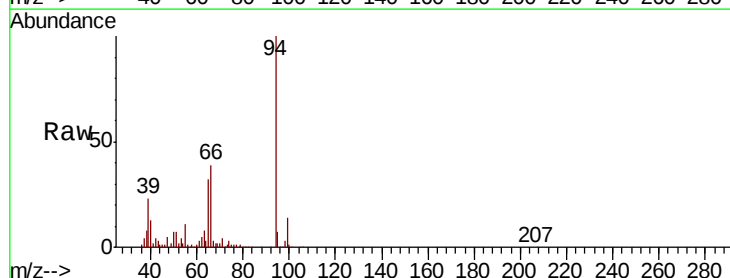
Tgt Ion: 94 Resp: 375232

Ion Ratio Lower Upper

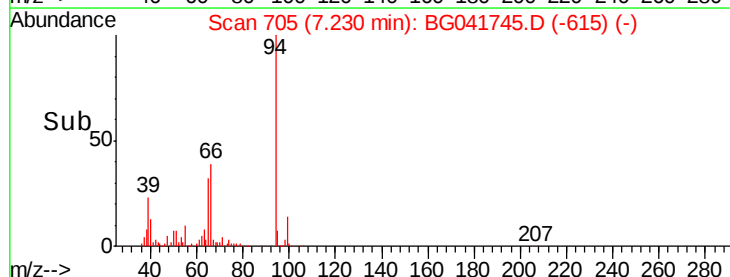
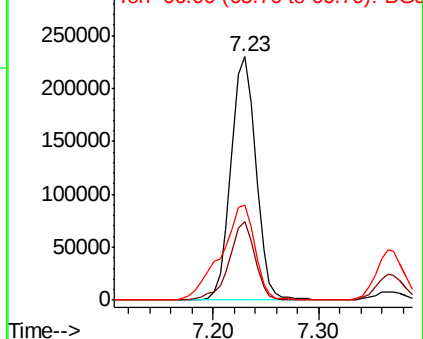
94 100

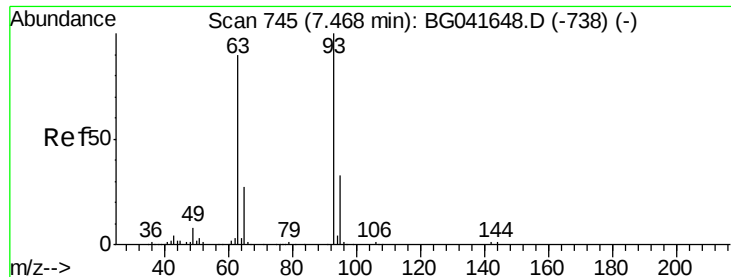
65 32.1 10.6 50.6

66 39.3 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: 36.264 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampled :

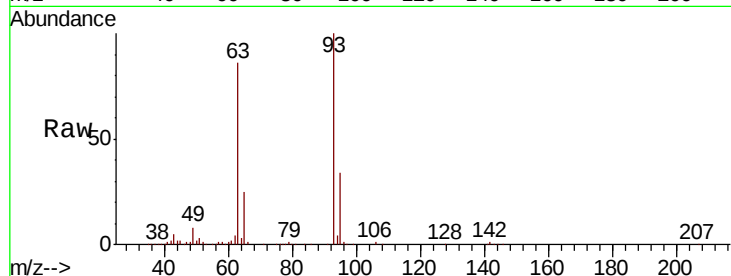
Tot Ion: 93 Resp: 343982

Ion Ratio Lower Upper

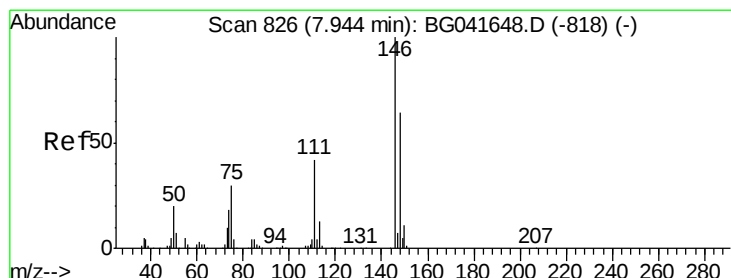
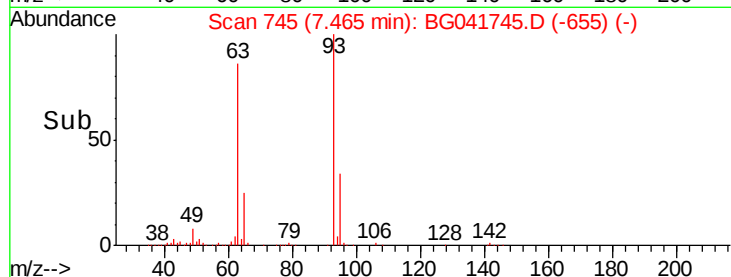
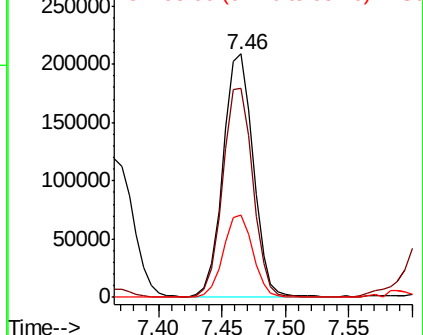
93 100

63 86.1 70.4 110.4

95 33.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 33.202 ng

RT: 7.93 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

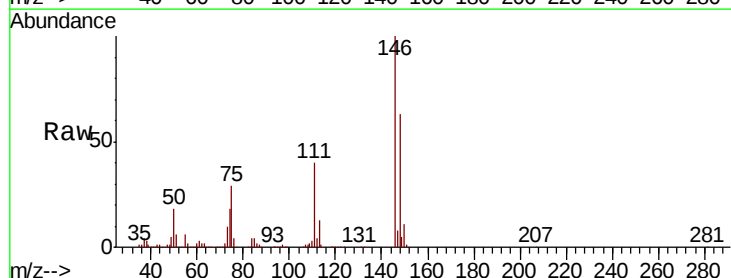
Tgt Ion: 146 Resp: 371710

Ion Ratio Lower Upper

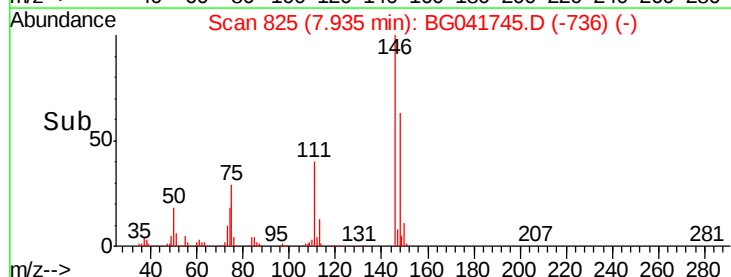
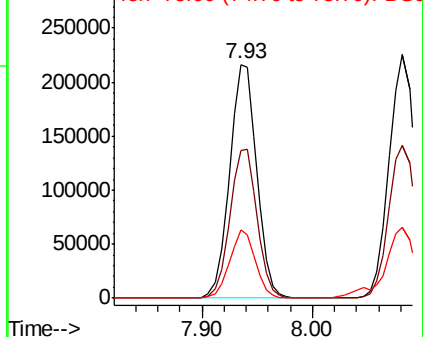
146 100

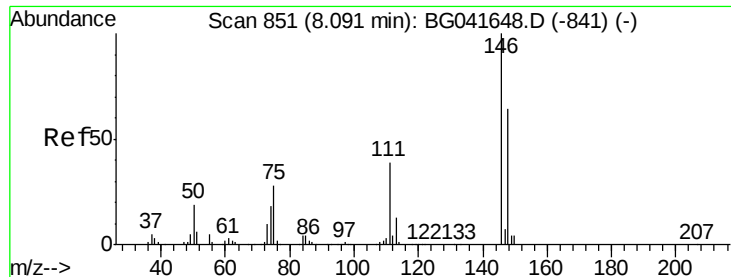
148 63.1 51.5 77.3

75 29.3 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

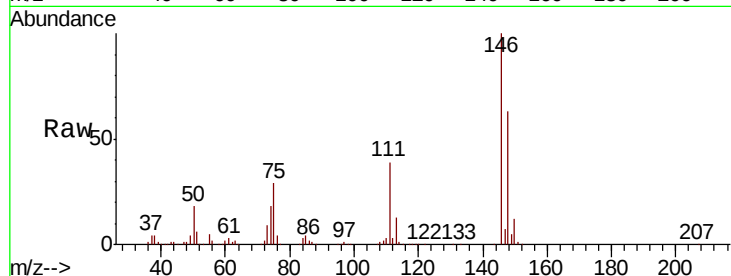




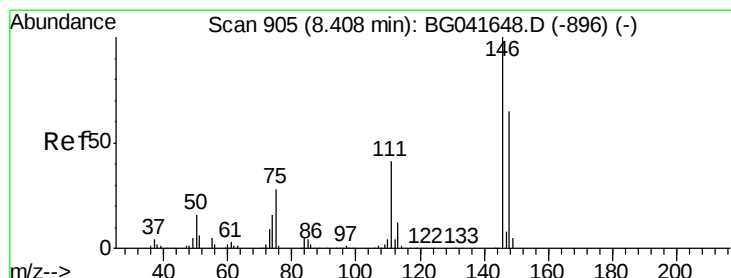
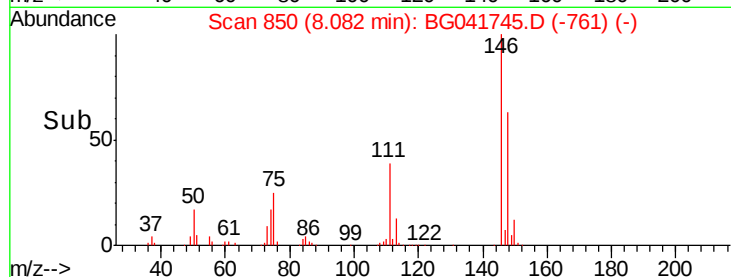
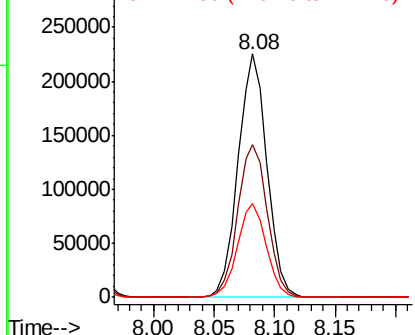
#13
 1,4-Dichlorobenzene
 Concen: 33.415 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 374639
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.6 79.0
 111 38.7 32.5 48.7

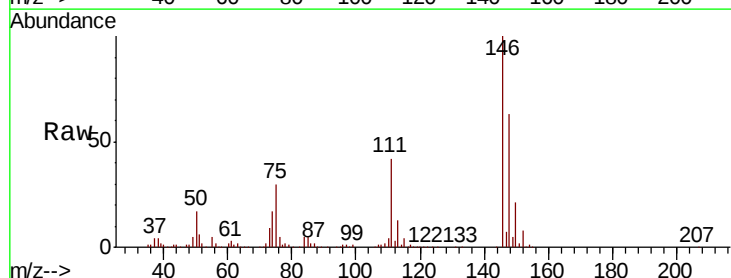


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

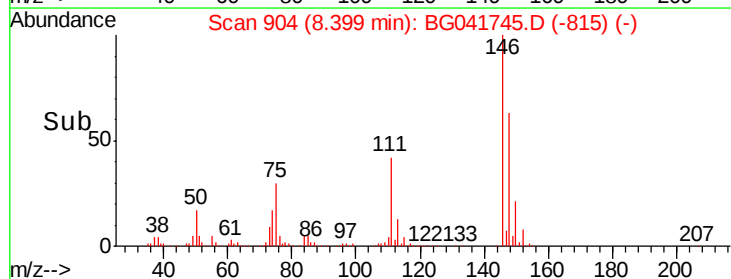
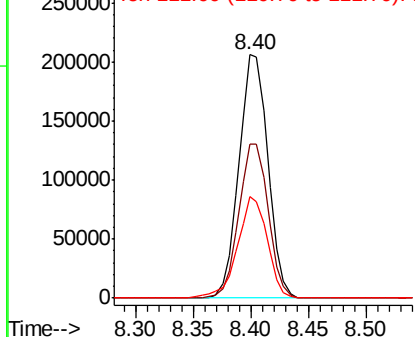


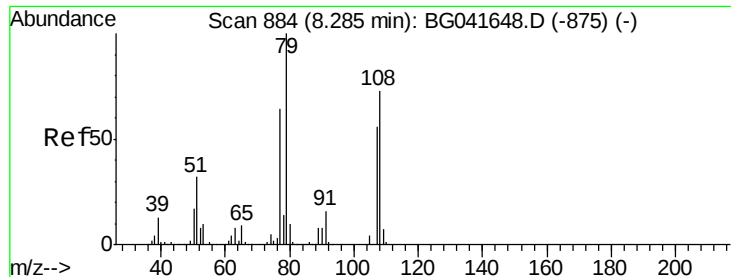
#14
 1,2-Dichlorobenzene
 Concen: 33.948 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Tgt Ion:146 Resp: 358853
 Ion Ratio Lower Upper
 146 100
 148 63.2 53.5 80.3
 111 41.9 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: 35.374 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampled :

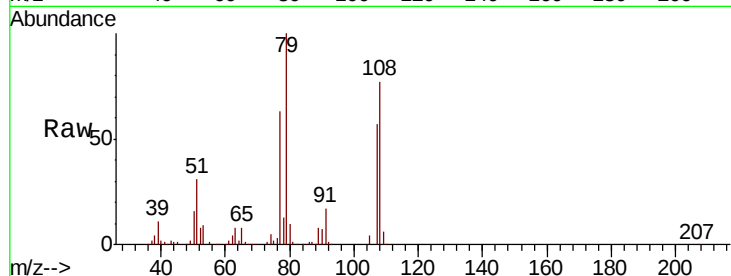
Tot Ion: 79 Resp: 313939

Ion Ratio Lower Upper

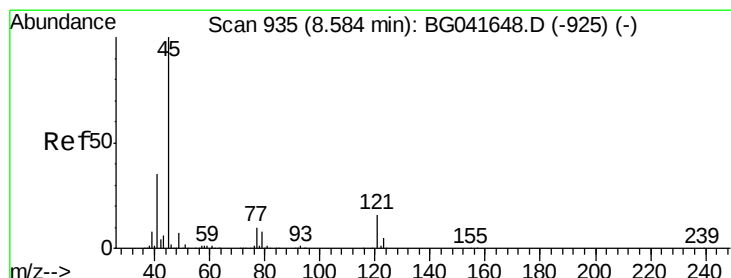
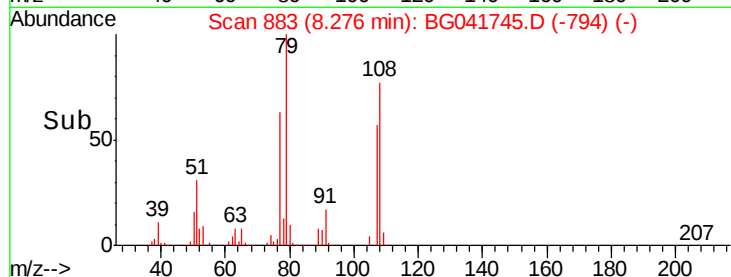
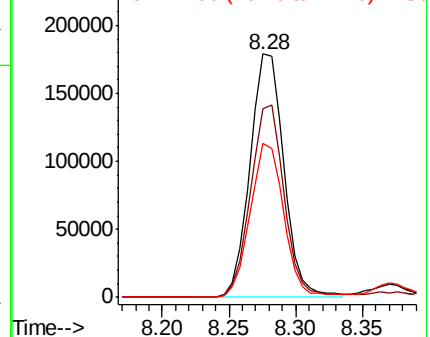
79 100

108 77.2 60.5 90.7

77 63.4 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.900 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

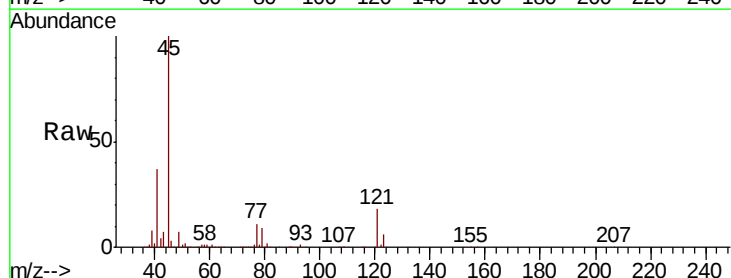
Tgt Ion: 45 Resp: 627001

Ion Ratio Lower Upper

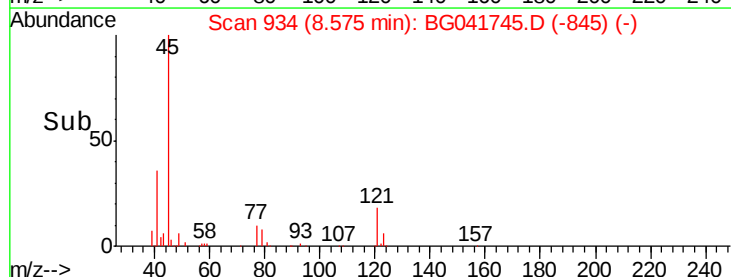
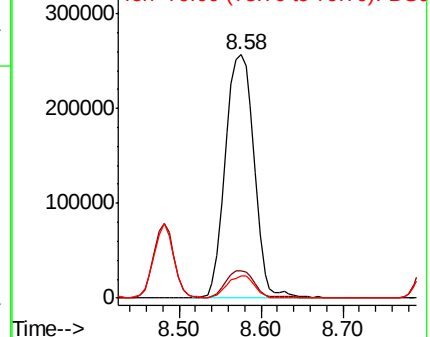
45 100

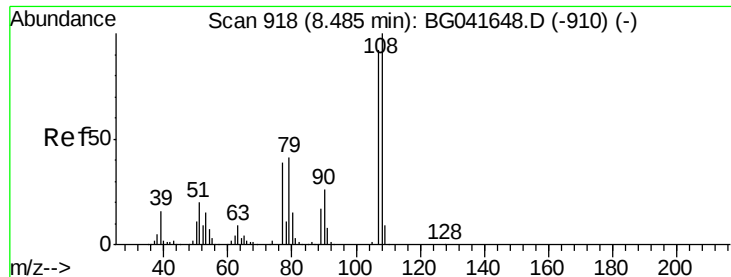
77 11.0 0.0 30.4

79 9.2 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 37.012 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 300620

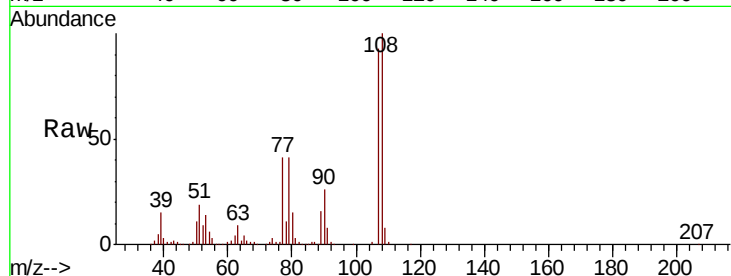
Ion Ratio Lower Upper

107 100

108 107.1 87.6 131.4

77 43.6 36.1 54.1

79 43.8 36.4 54.6

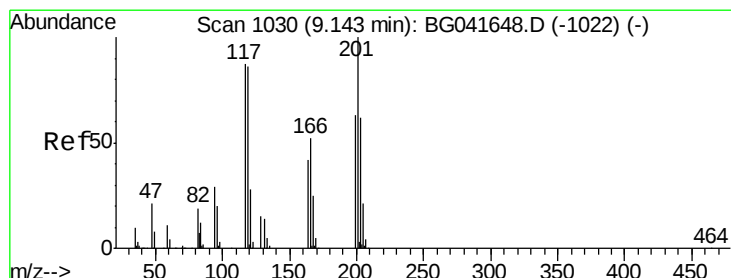
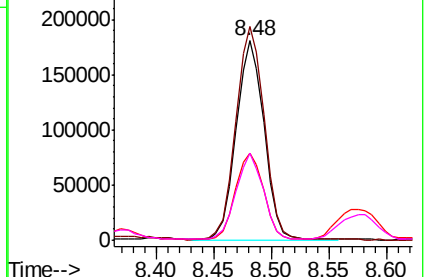
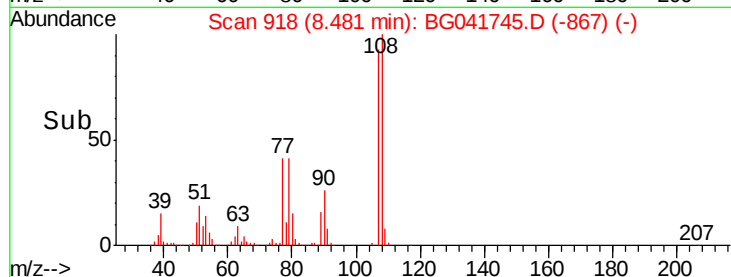


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 32.653 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

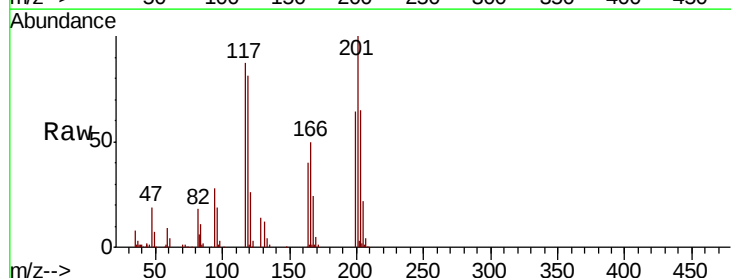
Tgt Ion:117 Resp: 134089

Ion Ratio Lower Upper

117 100

119 92.5 76.2 114.2

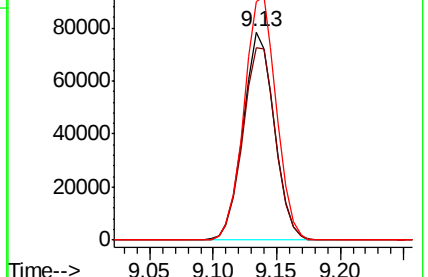
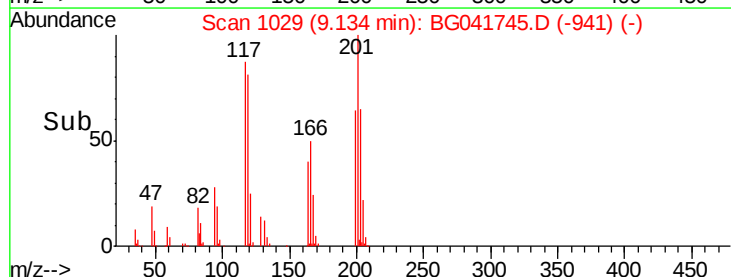
201 114.6 94.1 141.1

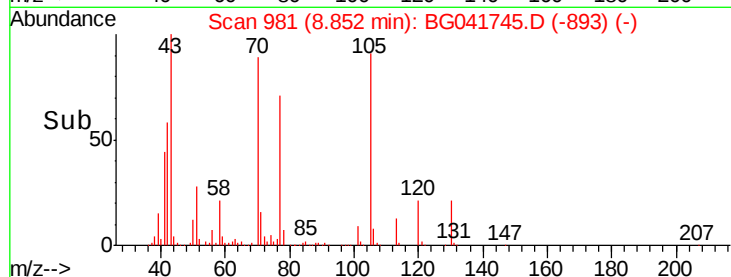
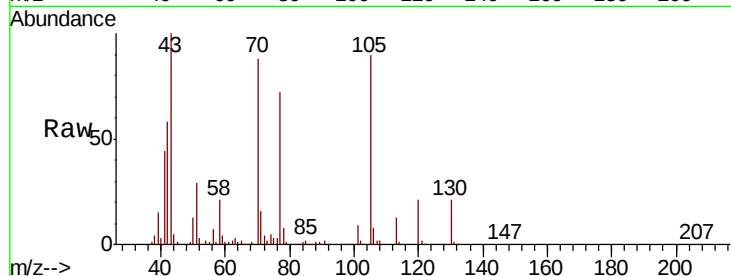
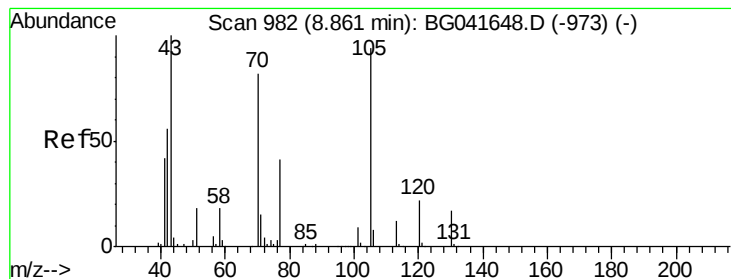


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.620 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 282076

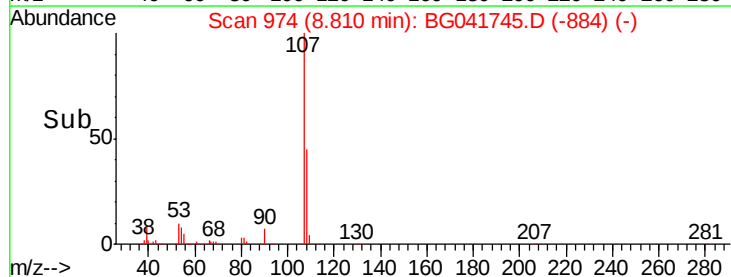
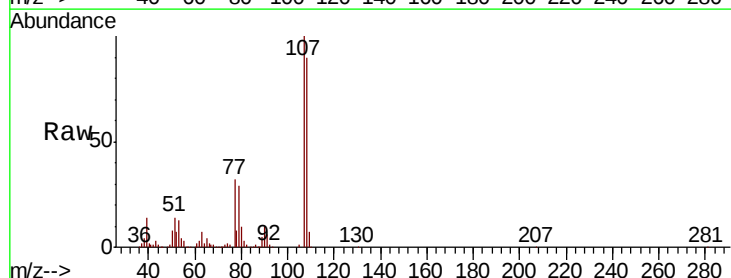
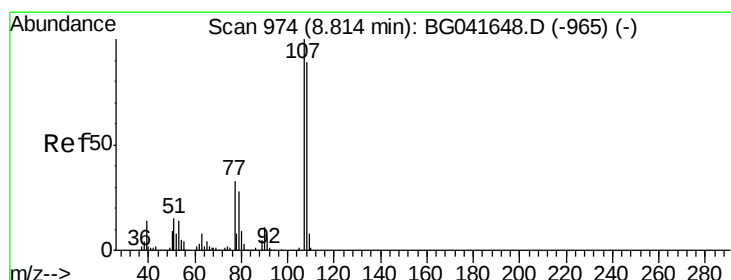
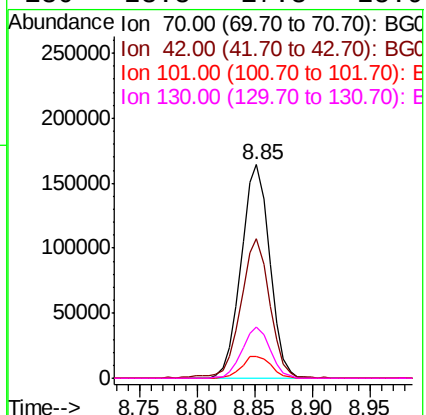
Ion Ratio Lower Upper

70 100

42 65.2 55.8 83.6

101 10.2 8.1 12.1

130 23.8 17.3 25.9



#20

3+4-Methylphenols

Concen: 36.416 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Tgt Ion: 107 Resp: 405332

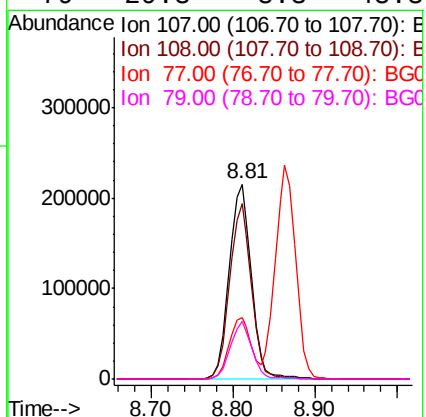
Ion Ratio Lower Upper

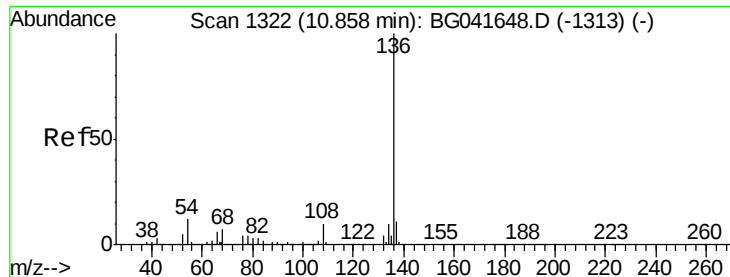
107 100

108 89.8 67.5 107.5

77 31.7 12.3 52.3

79 29.3 8.3 48.3

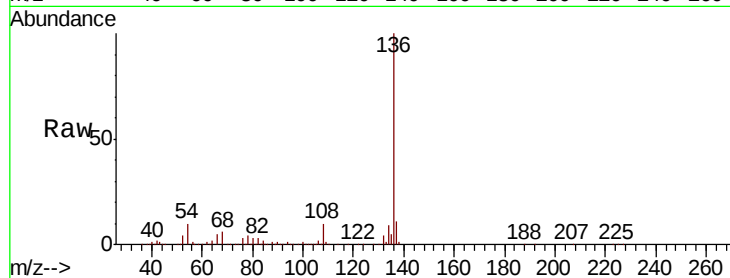




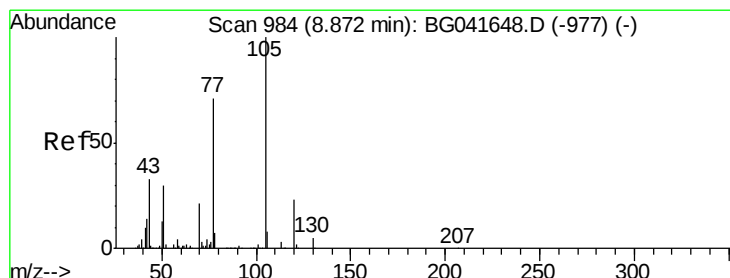
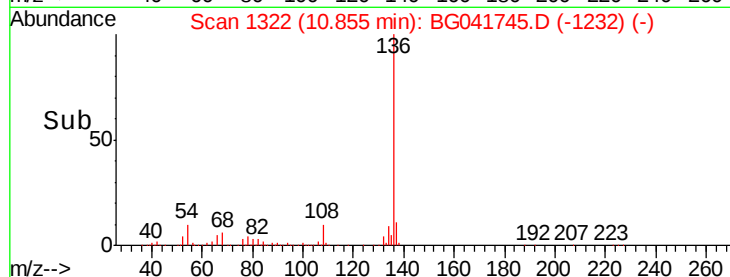
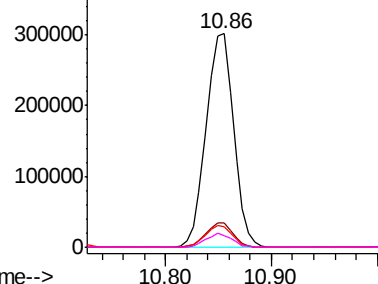
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 542918
Ion Ratio	Lower Upper
136 100	
137 11.2	9.2 13.8
54 9.9	8.7 13.1
68 5.7	5.5 8.3

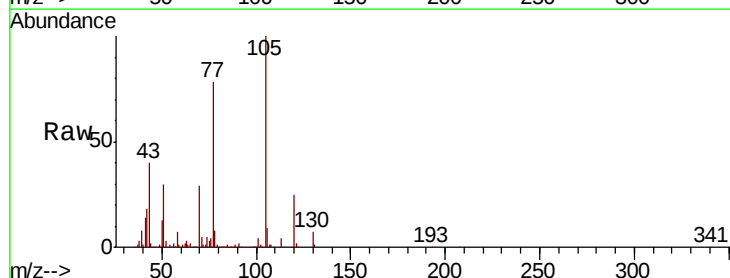


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

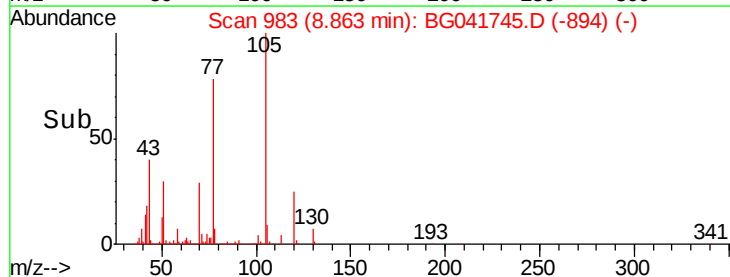
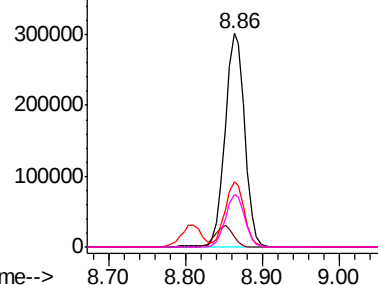


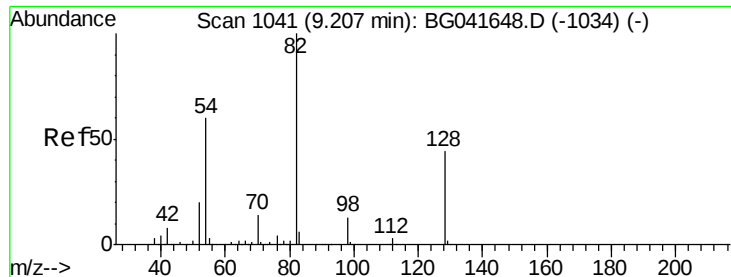
#22
Acetophenone
Concen: 40.873 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt	Ion:105	Resp:	540460
Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.9	8.9#
51	30.3	27.7	41.5
120	24.6	19.3	28.9



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

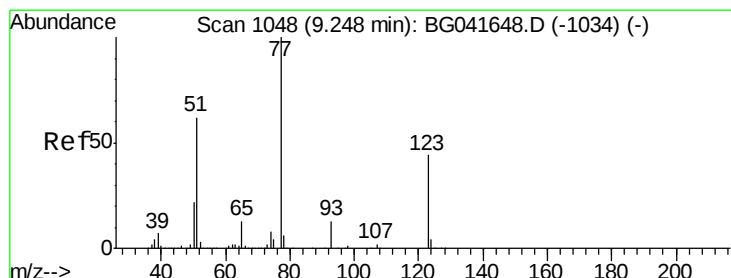
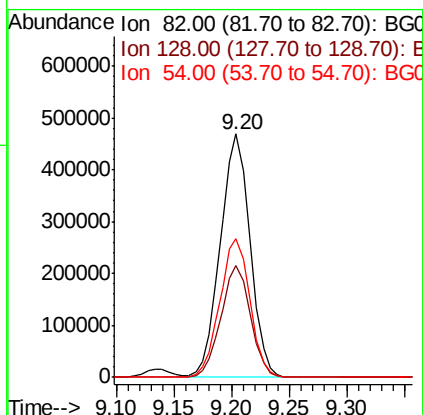
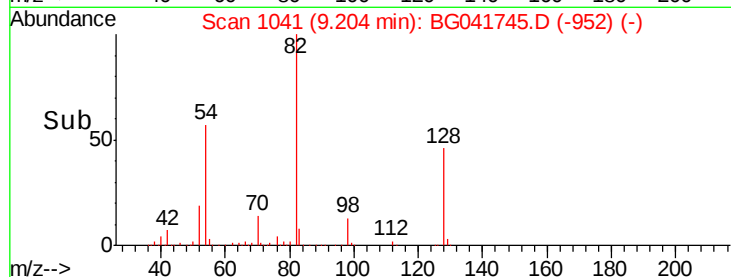
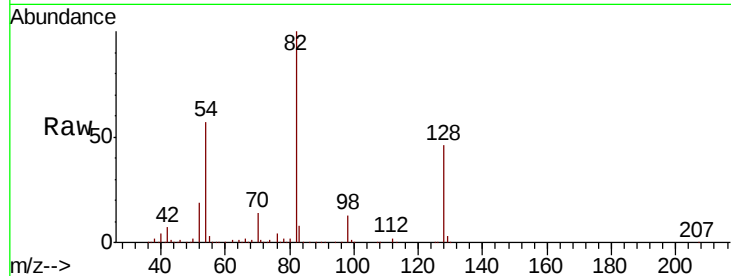




#23
 Nitrobenzene-d5
 Concen: 93.726 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

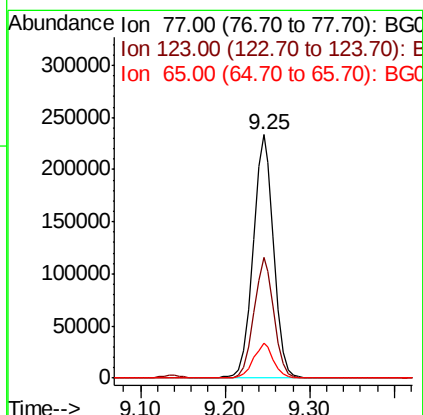
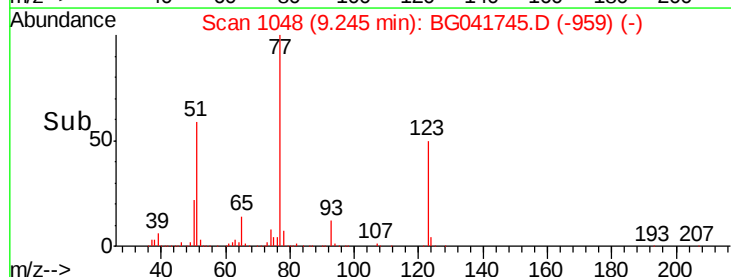
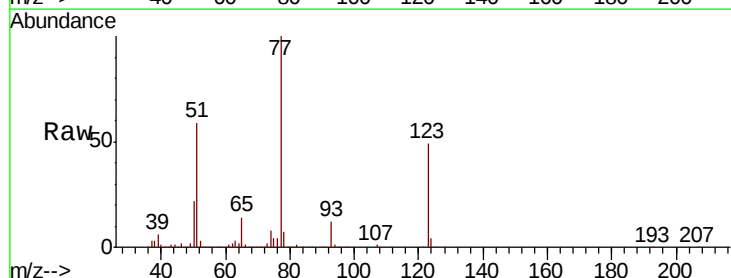
Instrument :
 BNA_G
 ClientSampleId :

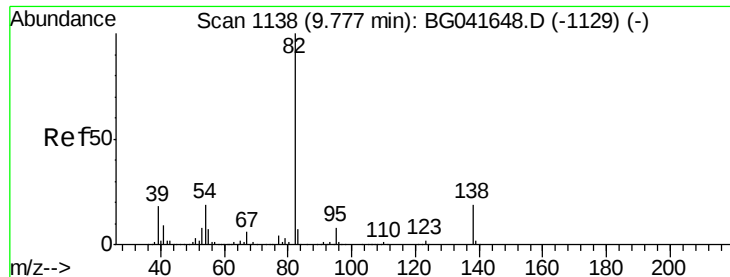
Tot Ion: 82 Resp: 836724
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.1 52.7
 54 57.2 48.7 73.1



#24
 Nitrobenzene
 Concen: 40.798 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Tgt Ion: 77 Resp: 397315
 Ion Ratio Lower Upper
 77 100
 123 49.5 38.1 57.1
 65 14.4 11.0 16.6





#25

Isophorone

Concen: 38.647 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampled :

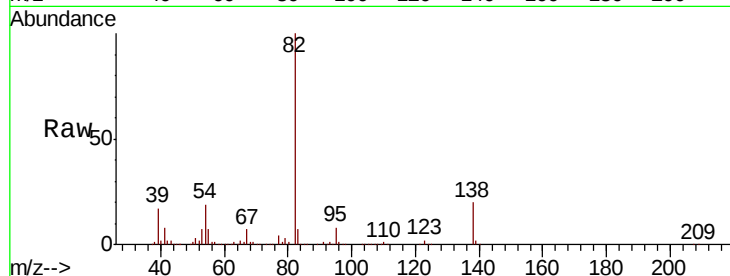
Tot Ion: 82 Resp: 755488

Ion Ratio Lower Upper

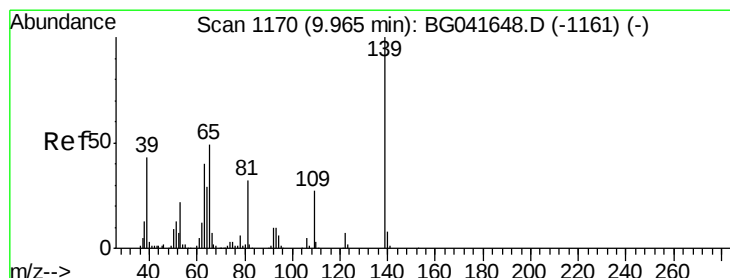
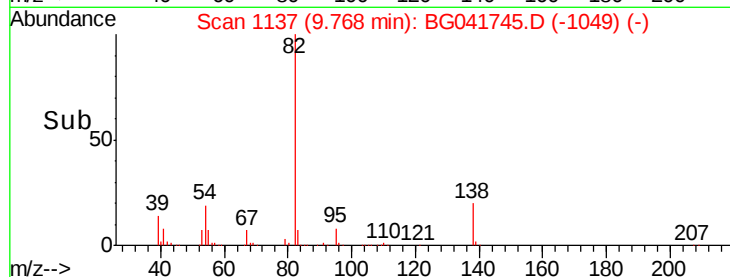
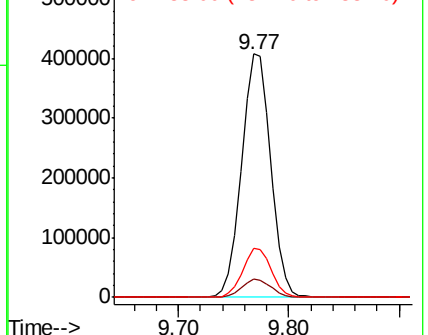
82 100

95 7.8 5.9 8.9

138 20.2 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: 45.715 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

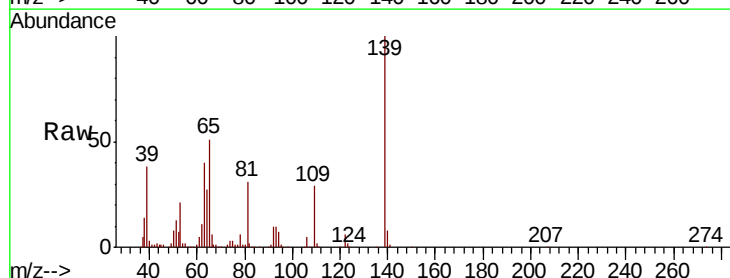
Tgt Ion: 139 Resp: 203140

Ion Ratio Lower Upper

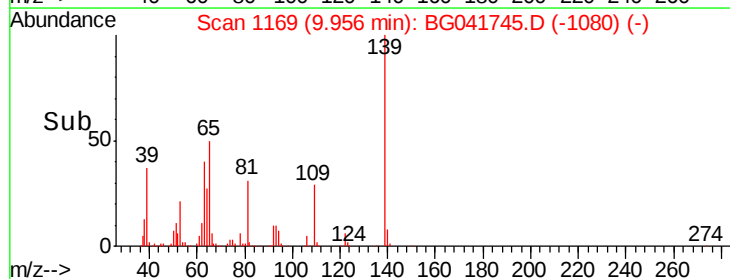
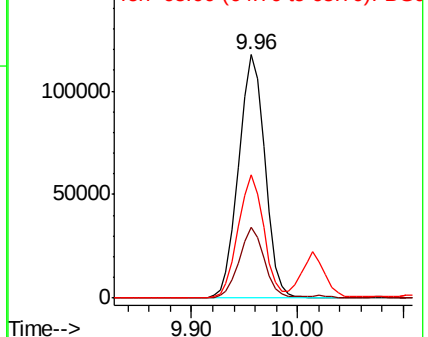
139 100

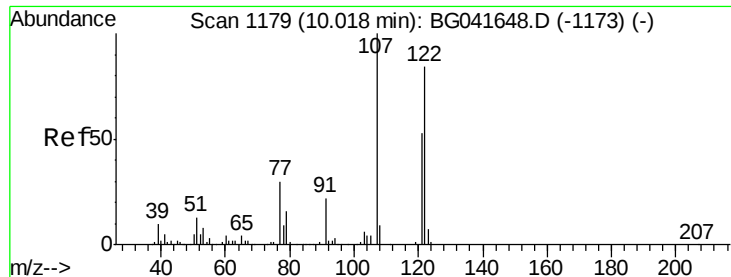
109 29.0 22.7 34.1

65 50.6 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

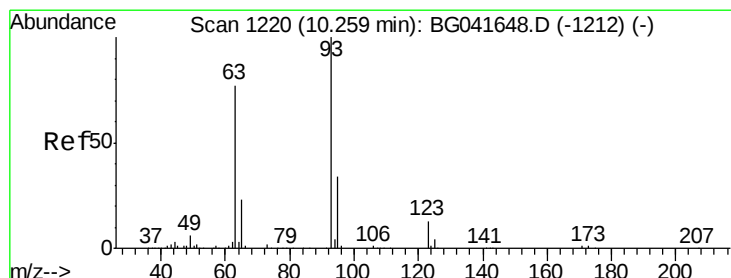
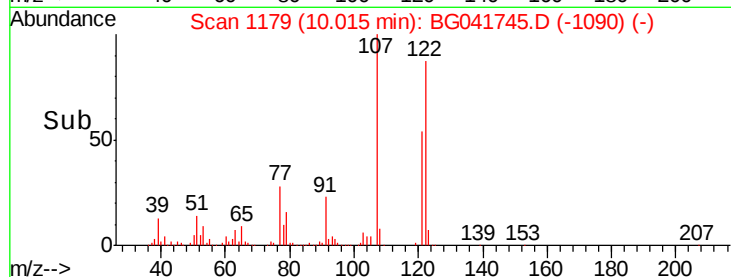
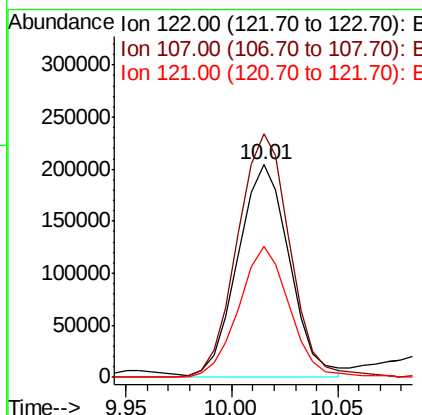
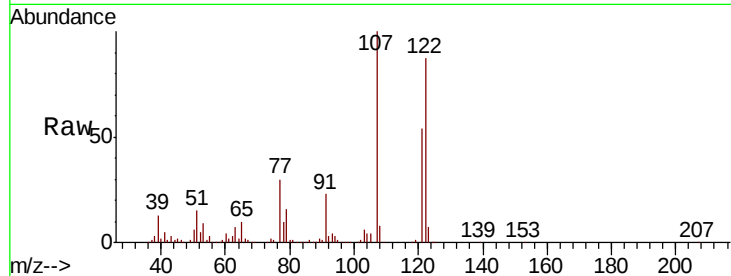




#27
 2,4-Dimethylphenol
 Concen: 44.776 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

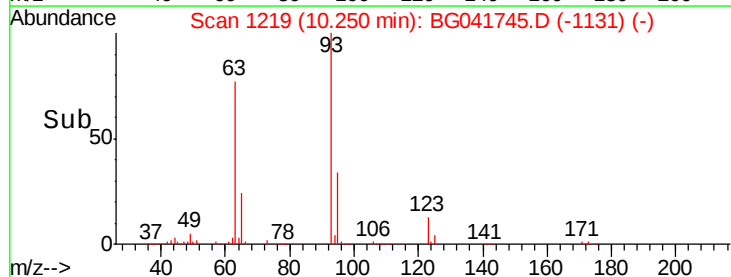
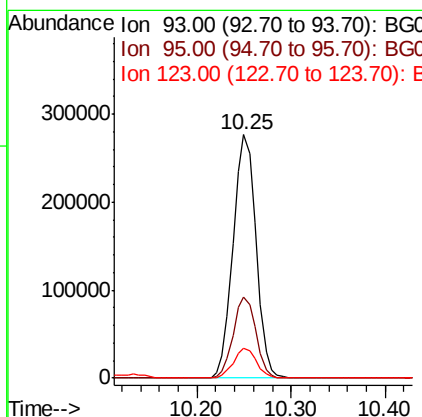
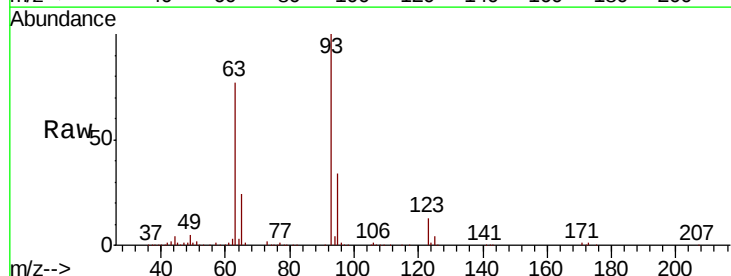
Instrument :
 BNA_G
 ClientSampleId :

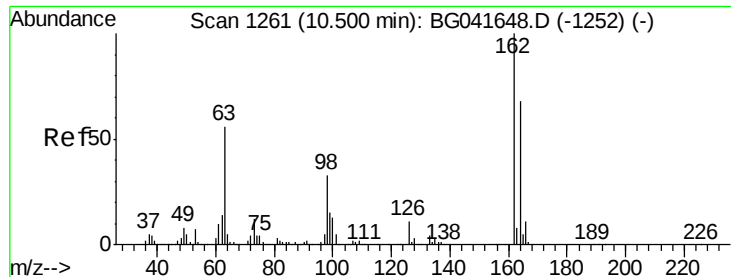
Tot Ion	122	Resp	346327
Ion Ratio	Lower	Upper	
122	100		
107	114.4	91.3	136.9
121	61.7	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.994 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Tgt Ion	93	Resp	469810
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.2	39.4
123	12.5	9.9	14.9

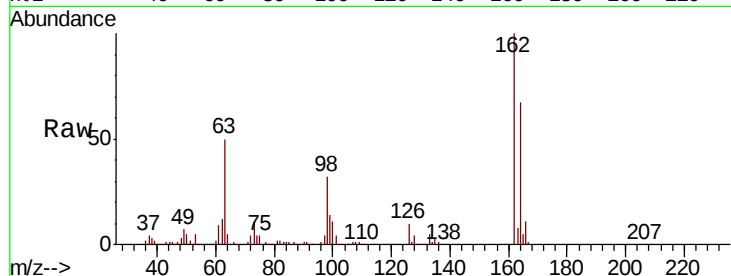




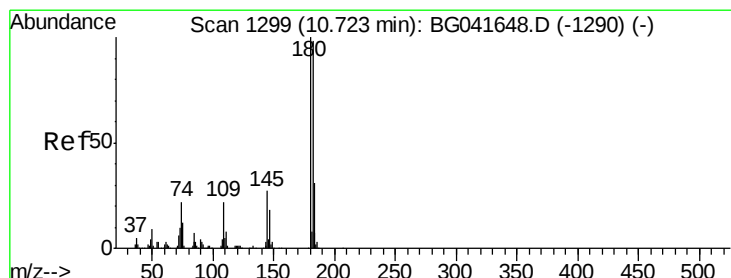
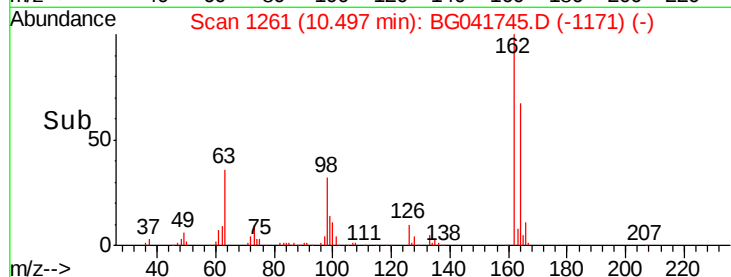
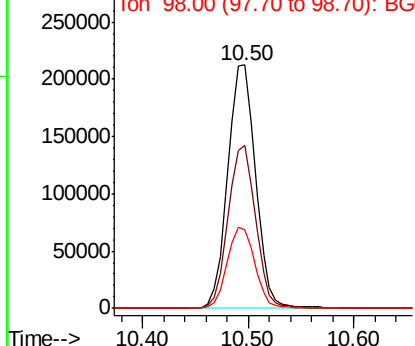
#29
 2,4-Dichlorophenol
 Concen: 43.946 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	46.1	86.1
98	32.1	14.7	54.7

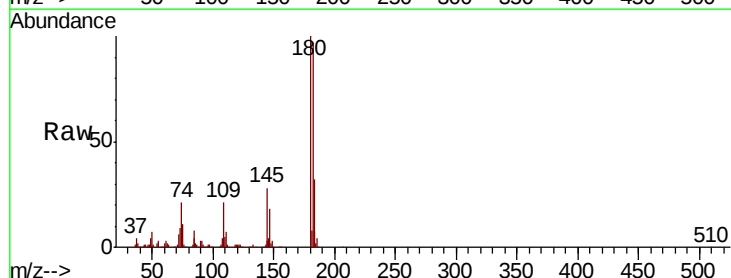


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

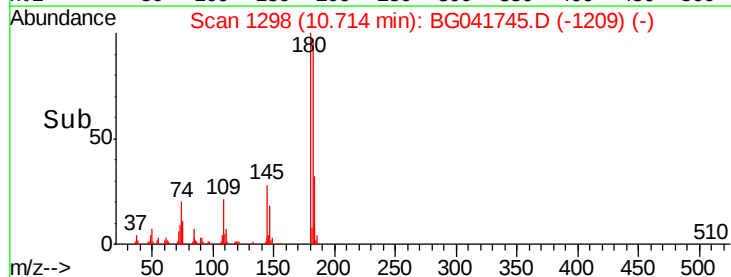
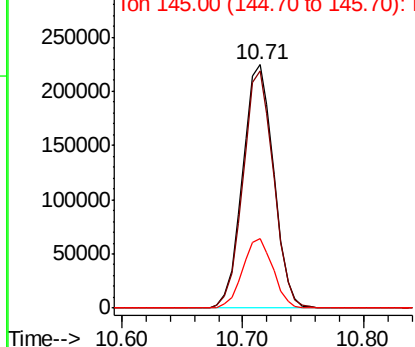


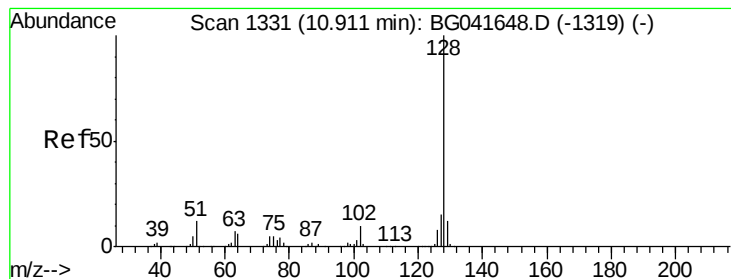
#30
 1,2,4-Trichlorobenzene
 Concen: 38.891 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.2	114.2
145	28.4	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: 39.097 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

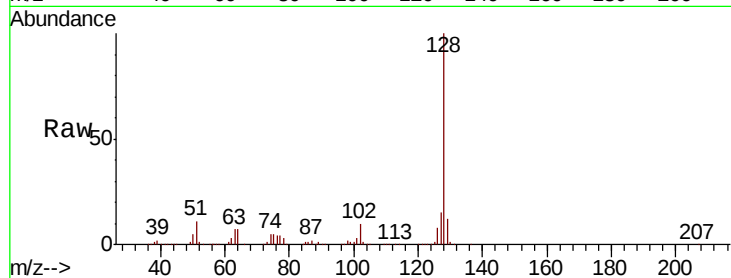
Instrument :

BNA_G

ClientSampleId :

Tot Ion:128 Resp: 1045007

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.0	15.0
127	14.7	12.3	18.5

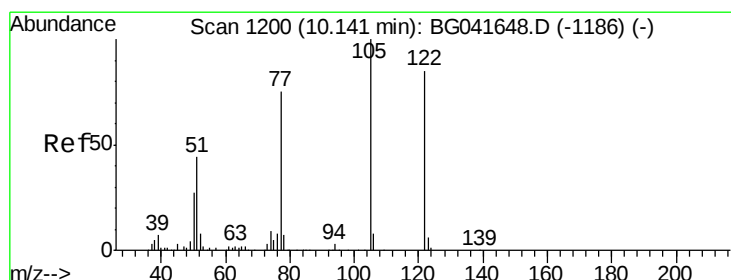
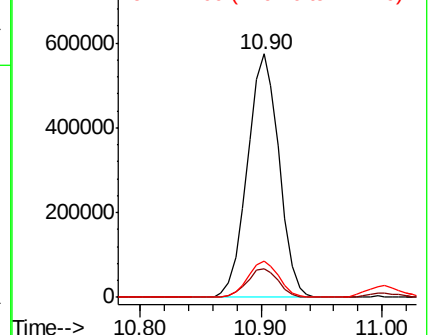
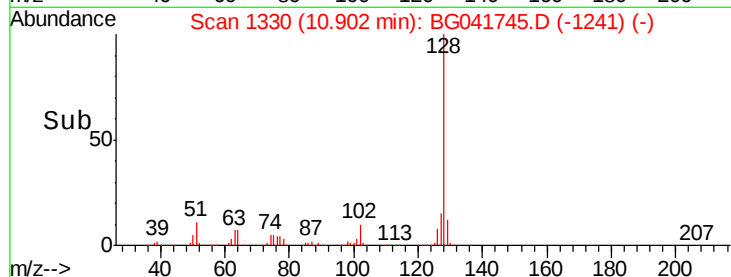


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.842 ng

RT: 10.14 min Scan# 1200

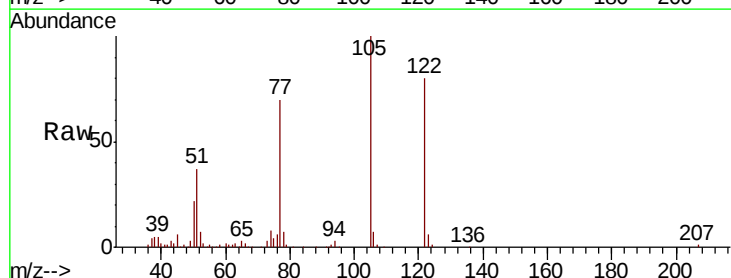
Delta R.T. -0.03 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Tgt Ion:122 Resp: 173388

Ion	Ratio	Lower	Upper
122	100		
105	124.9	101.5	141.5
77	86.9	73.0	113.0

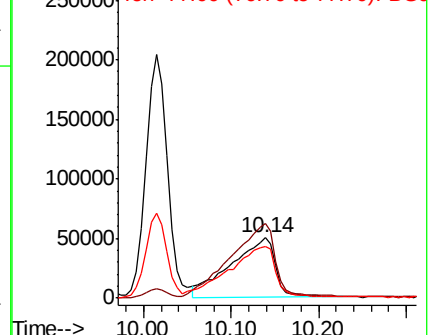
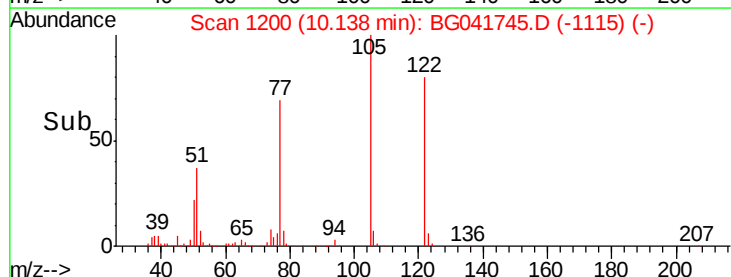


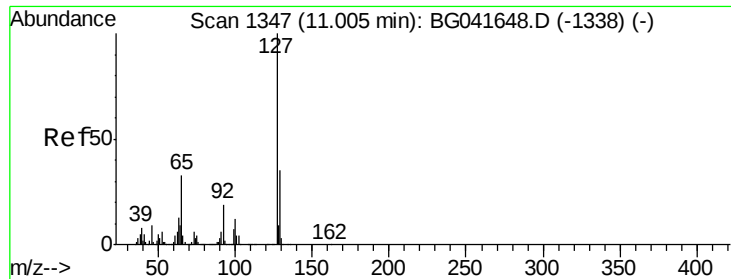
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

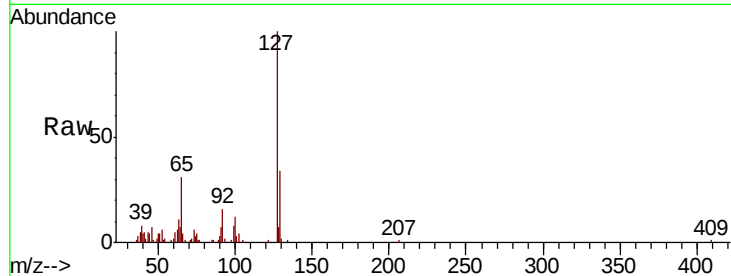




#33
4-Chloroaniline
Concen: 4.698 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	57919
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.8	38.8
65	30.9	26.7	40.1
92	16.5	15.4	23.0



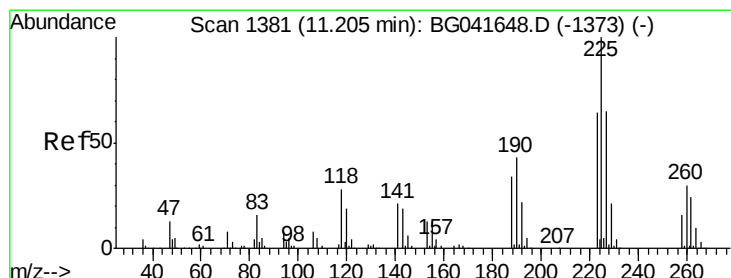
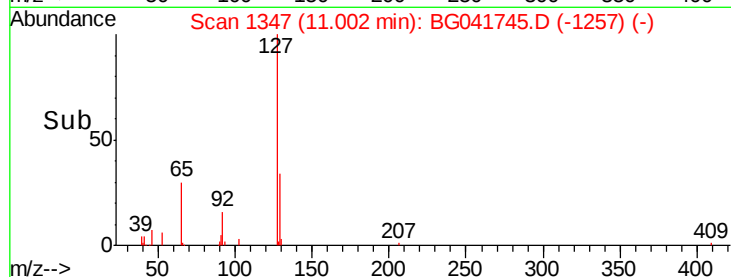
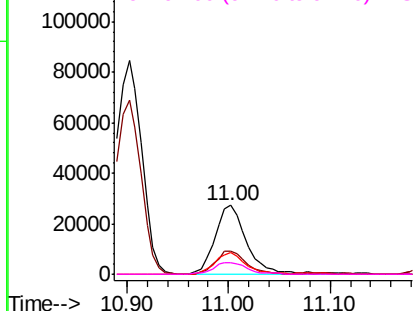
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

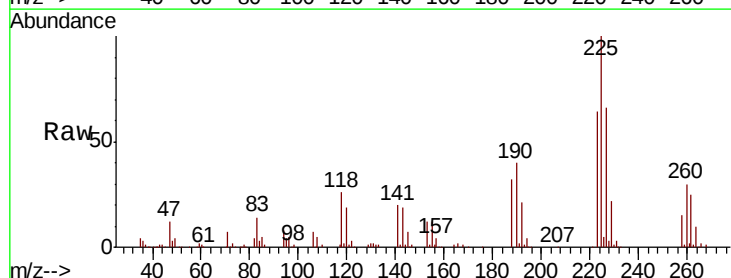
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.962 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion:	225	Resp:	252637
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.1	76.7
227	66.0	50.9	76.3

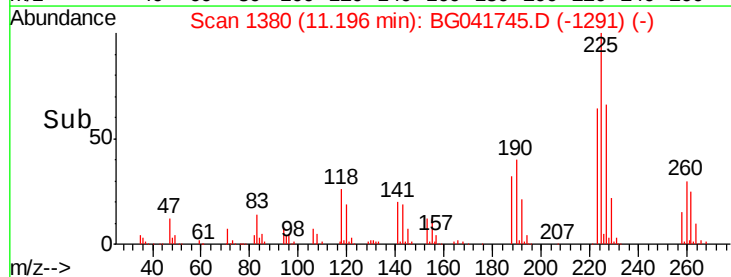
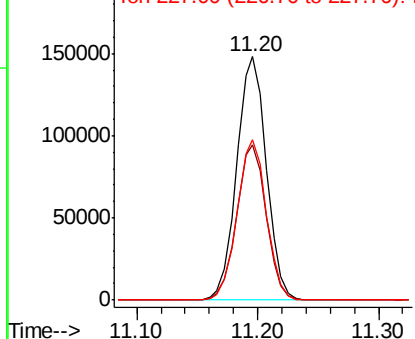


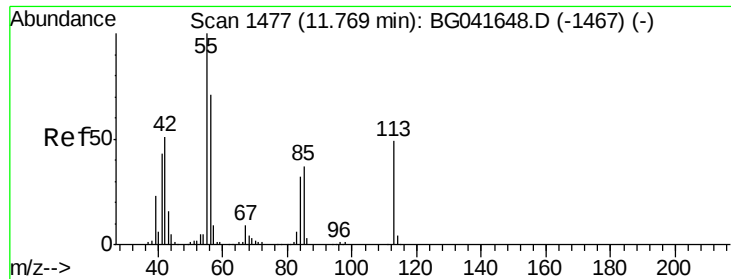
Abundance

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: 16.131 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampleId :

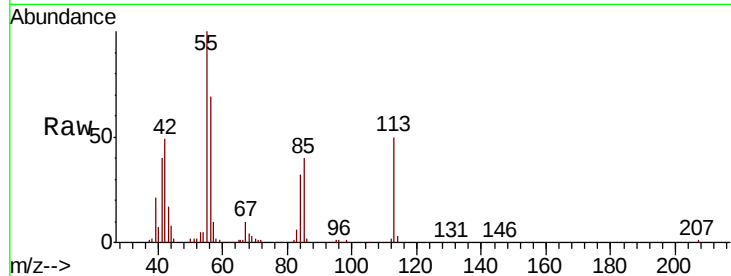
Tot Ion:113 Resp: 52285

Ion Ratio Lower Upper

113 100

55 198.9 199.4 239.4#

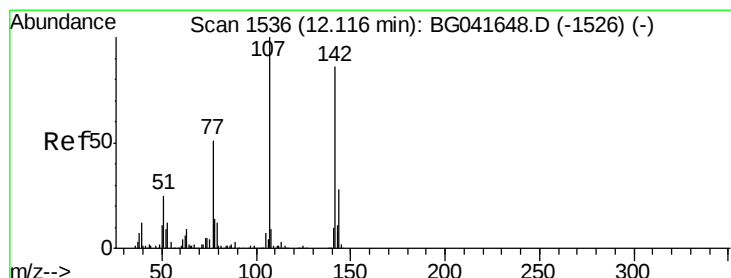
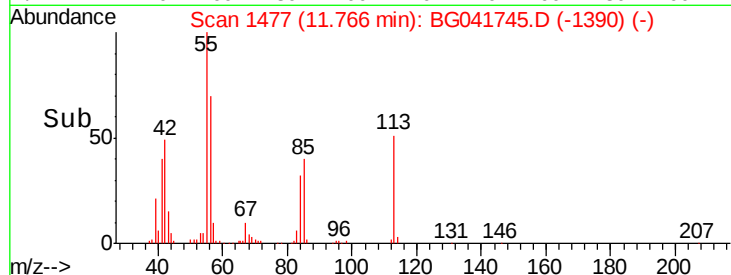
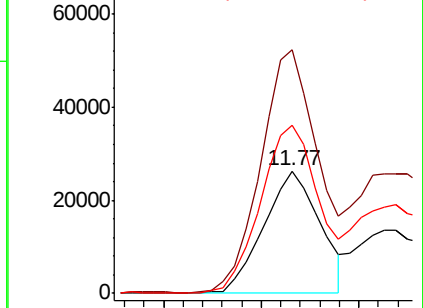
56 137.8 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041745.D (-1390) (-)

Ion 56.00 (55.70 to 56.70): BG041745.D (-1390) (-)



#36

4-Chloro-3-methylphenol

Concen: 42.343 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

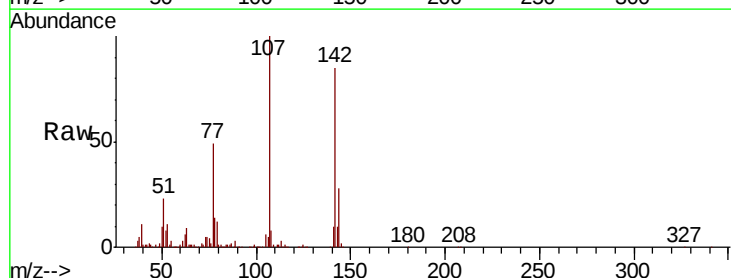
Tgt Ion:107 Resp: 391178

Ion Ratio Lower Upper

107 100

144 27.7 22.2 33.2

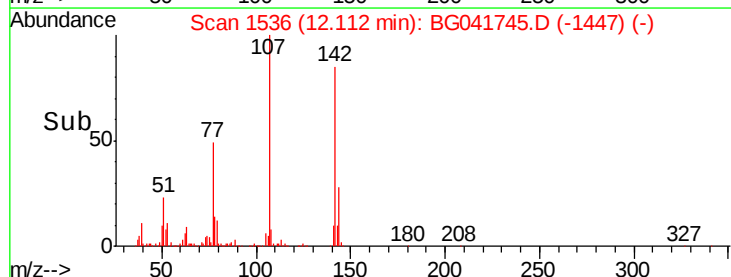
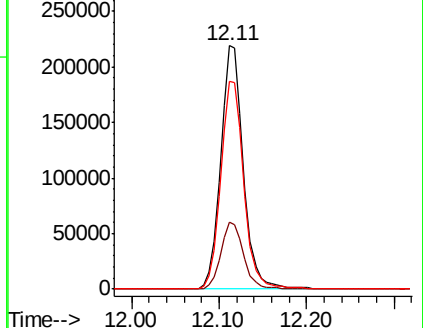
142 85.2 67.3 100.9

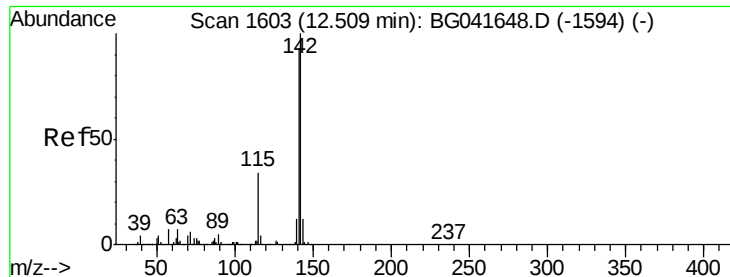


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.340 ng

RT: 12.50 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampleId :

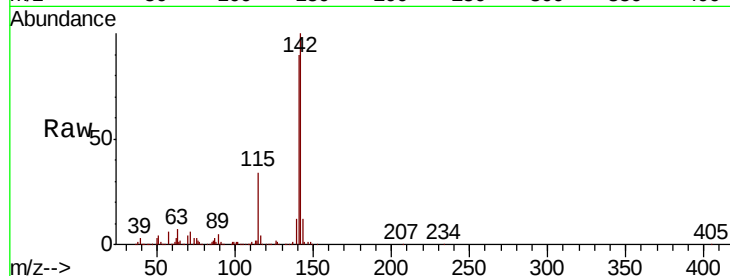
Tot Ion:142 Resp: 823783

Ion Ratio Lower Upper

142 100

141 90.5 72.7 109.1

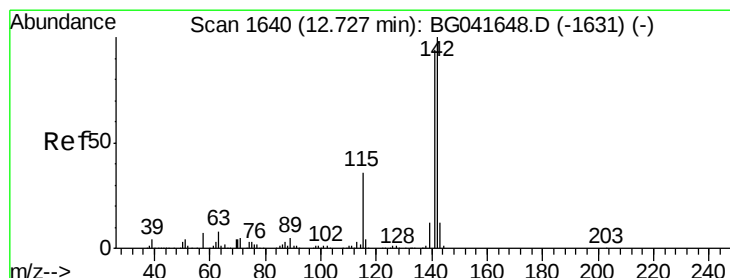
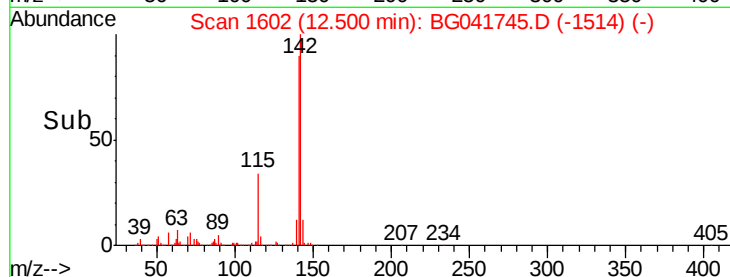
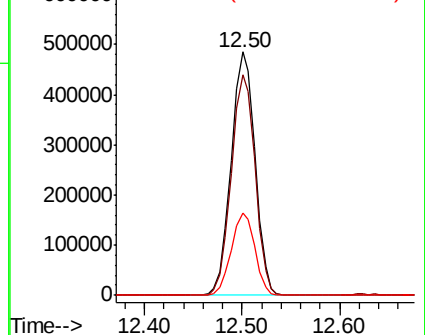
115 33.8 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.083 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

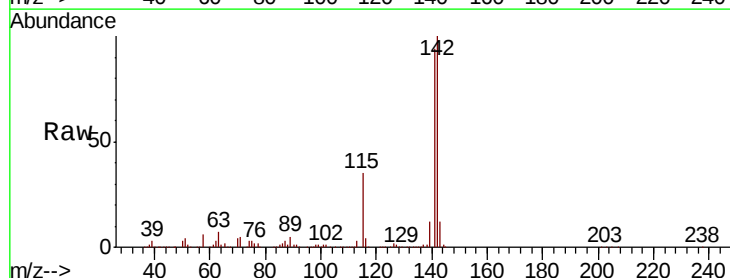
Tgt Ion:142 Resp: 780355

Ion Ratio Lower Upper

142 100

141 94.0 75.4 113.2

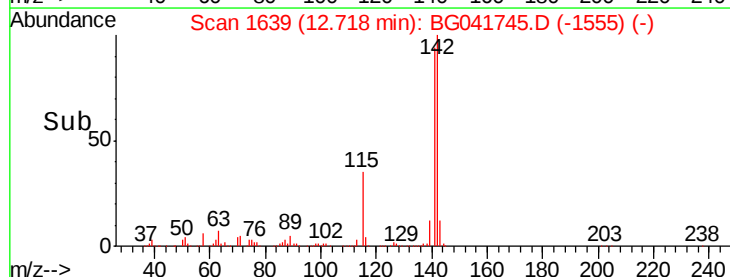
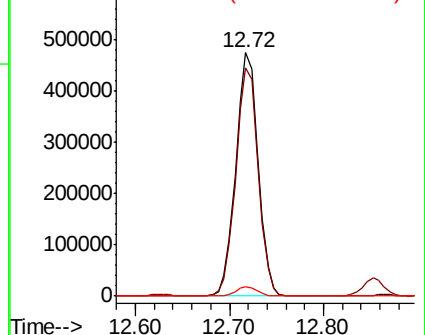
116 4.1 3.2 4.8

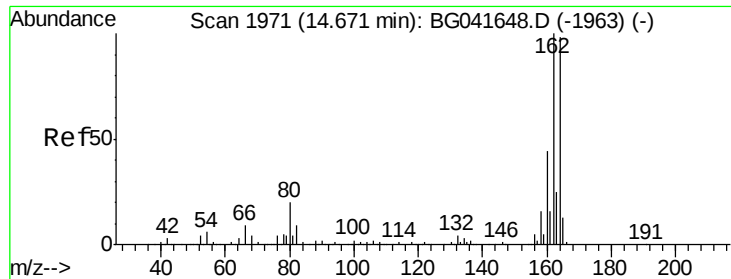


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

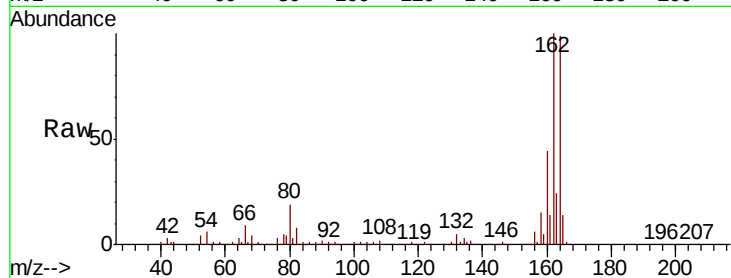




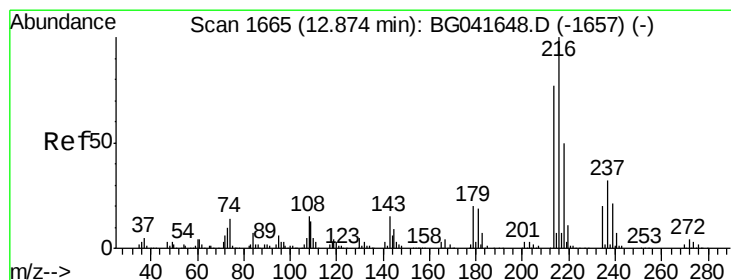
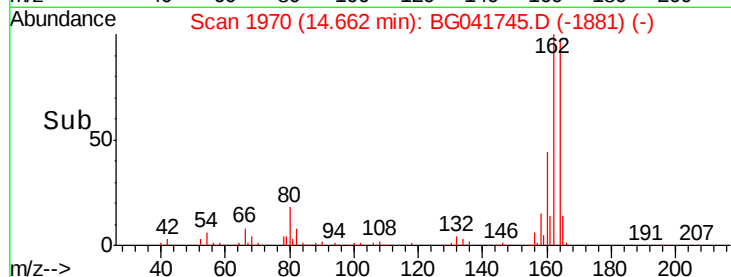
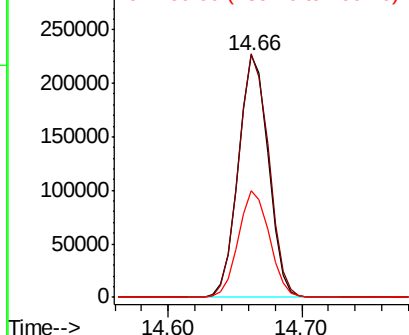
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 351556
Ion Ratio Lower Upper
164 100
162 100.5 79.6 119.4
160 44.2 35.4 53.0

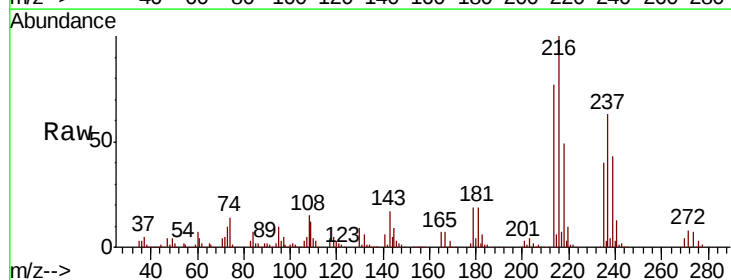


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

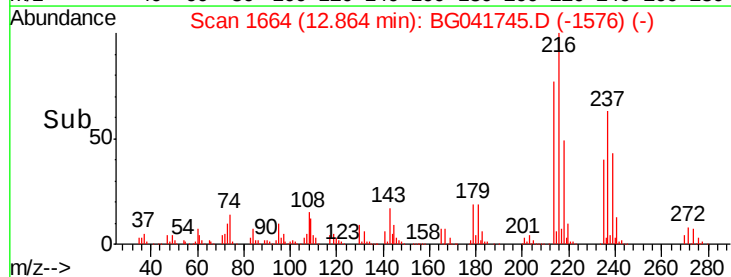
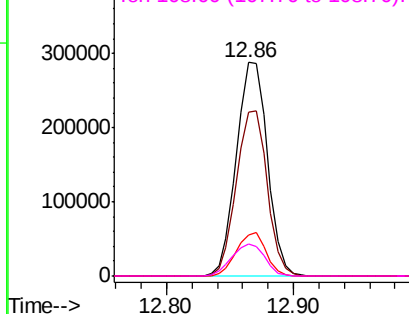


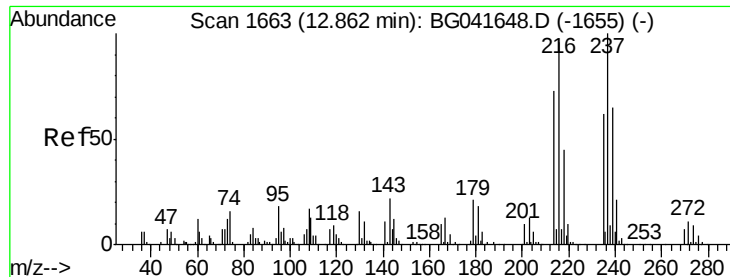
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.576 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion:216 Resp: 488616
Ion Ratio Lower Upper
216 100
214 76.6 61.5 92.3
179 19.6 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: 71.110 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampleId :

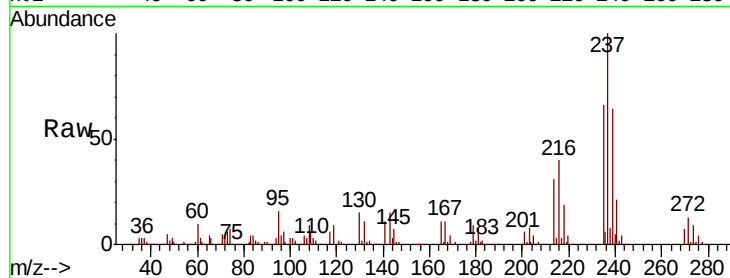
Tot Ion:237 Resp: 484401

Ion Ratio Lower Upper

237 100

235 66.0 43.5 83.5

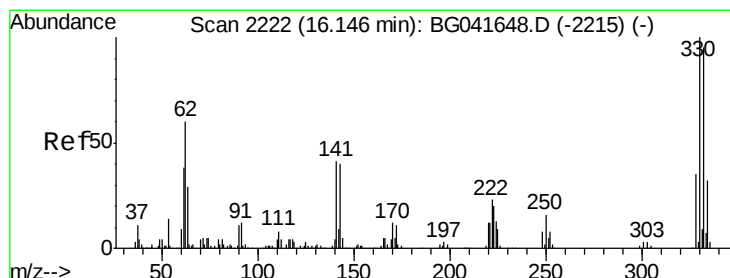
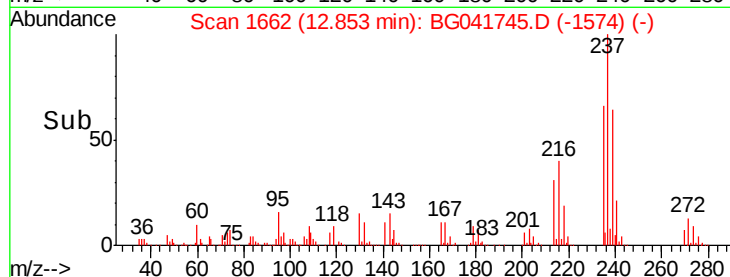
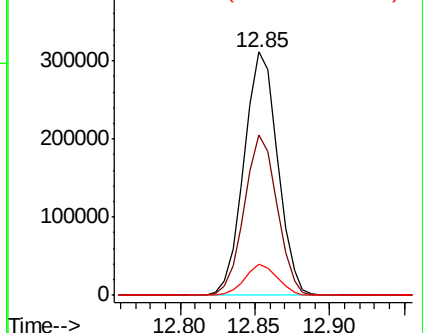
272 12.6 0.0 31.2



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: 147.872 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

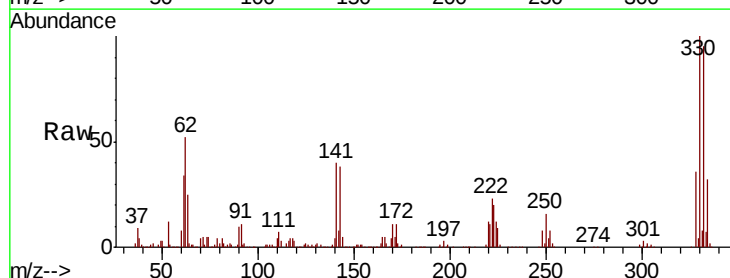
Tgt Ion:330 Resp: 585866

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

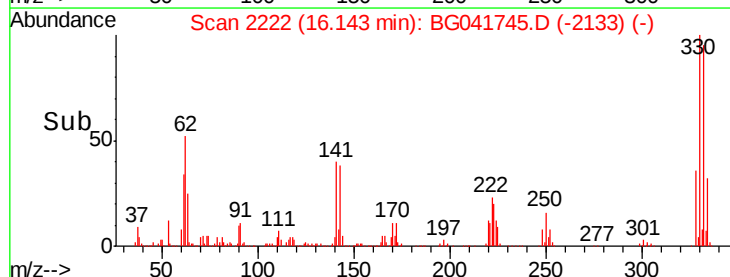
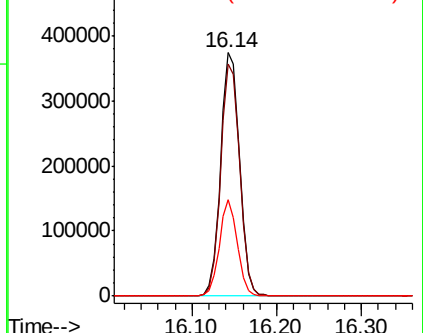
141 37.5 31.9 47.9

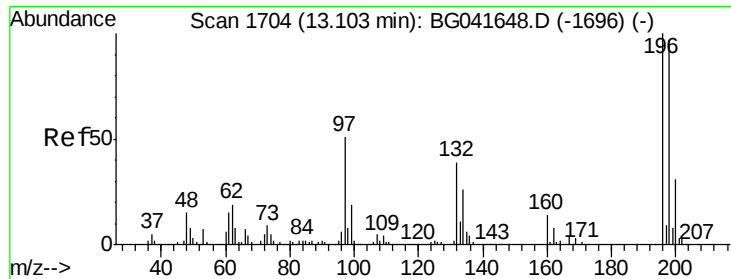


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

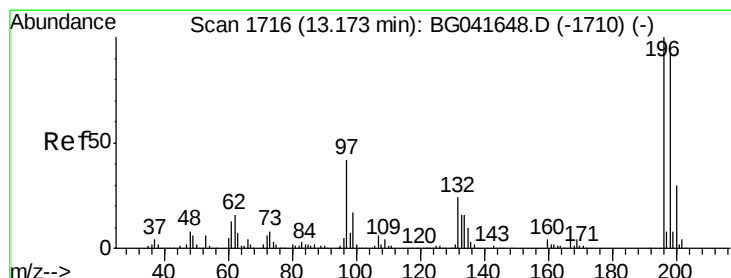
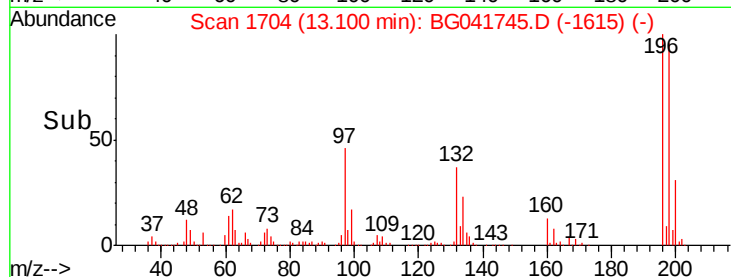
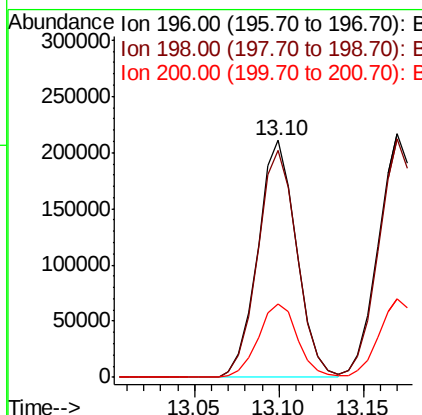
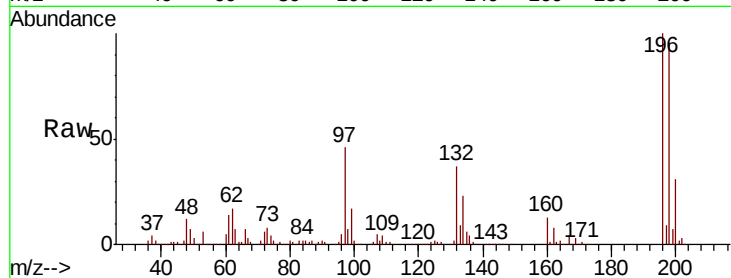




#43
 2,4,6-Trichlorophenol
 Concen: 42.908 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

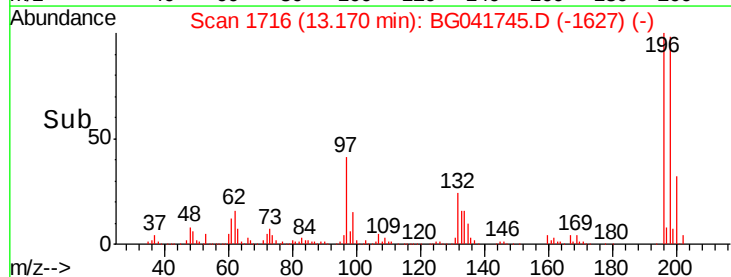
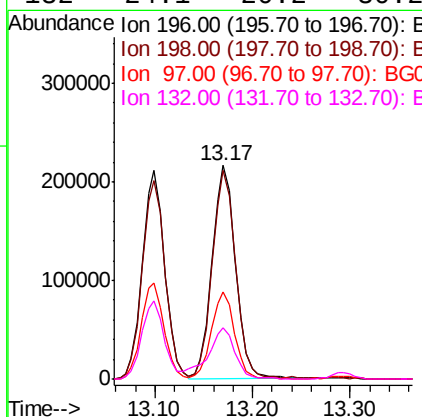
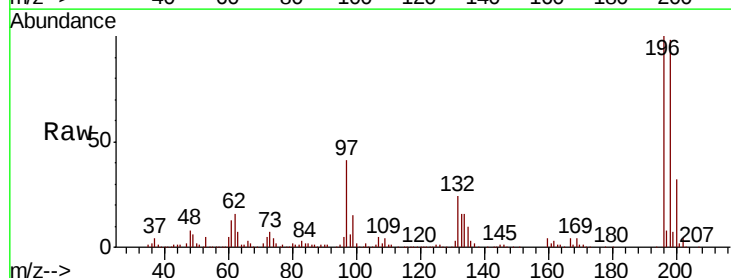
Instrument :
 BNA_G
 ClientSampleId :

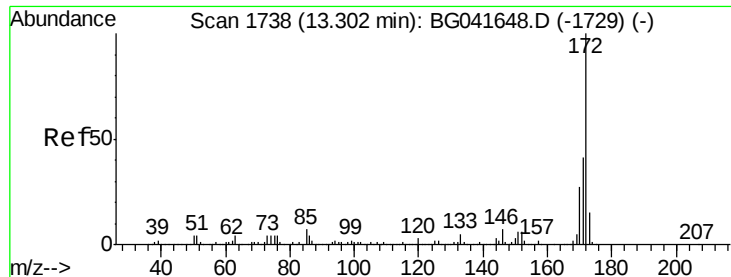
Tot Ion	196	Resp	335736
Ion Ratio	Lower	Upper	
196	100		
198	95.6	79.6	119.4
200	30.7	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 43.859 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Tgt Ion	196	Resp	361573
Ion Ratio	Lower	Upper	
196	100		
198	97.8	80.6	121.0
97	40.8	33.9	50.9
132	24.1	20.2	30.2

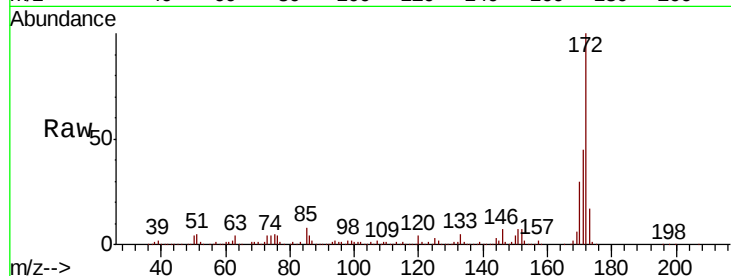




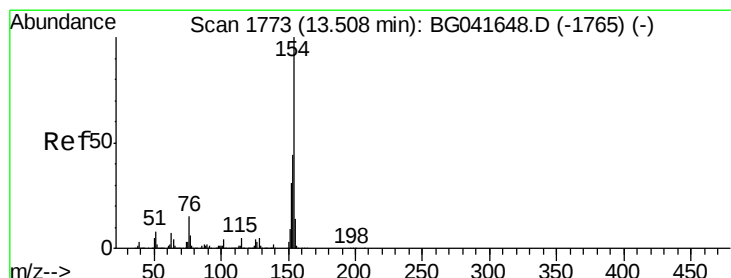
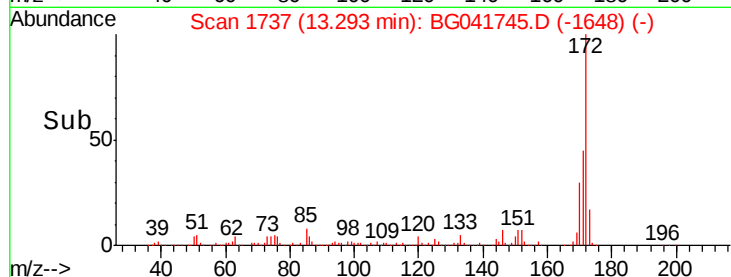
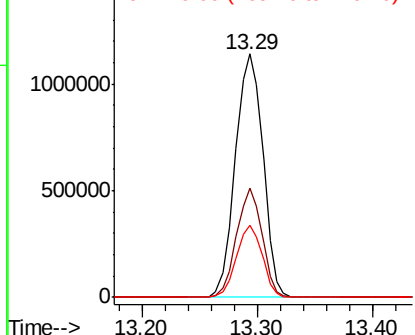
#45
2-Fluorobiphenyl
Concen: 83.038 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1885212
Ion Ratio Lower Upper
172 100
171 44.7 35.0 52.4
170 29.7 23.5 35.3

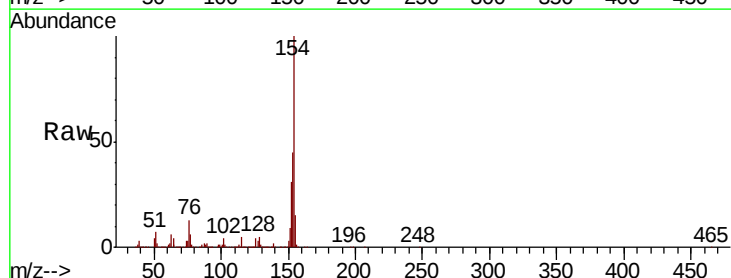


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

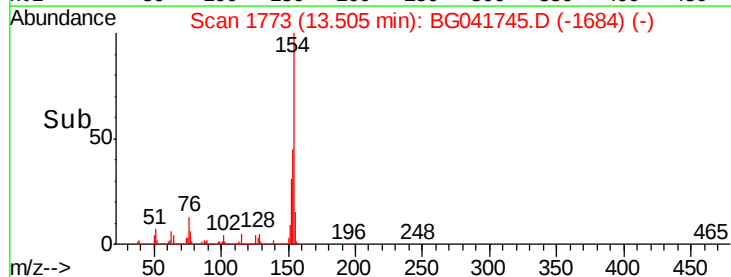
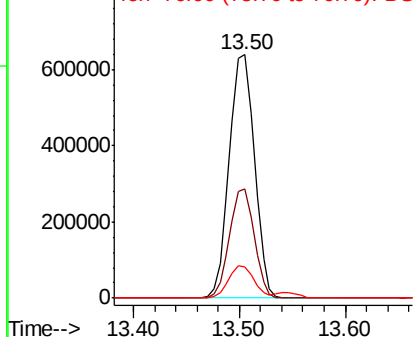


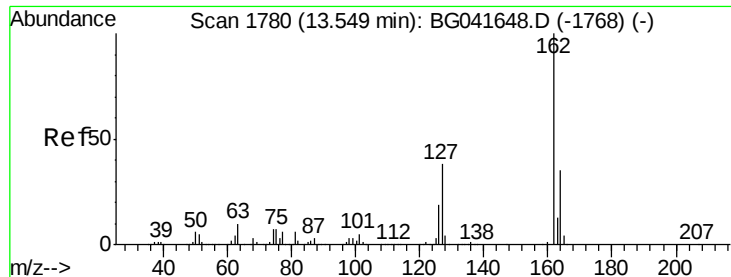
#46
1,1'-Biphenyl
Concen: 40.030 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion:154 Resp: 1054306
Ion Ratio Lower Upper
154 100
153 44.9 25.0 65.0
76 13.0 0.0 34.5



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

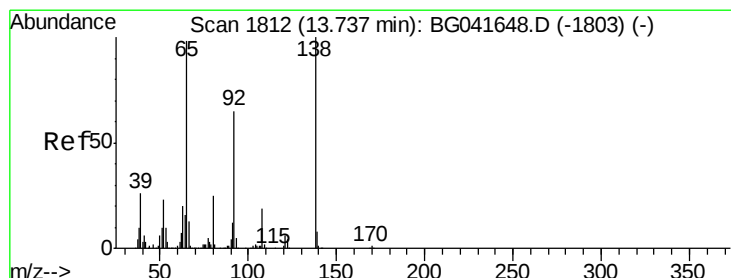
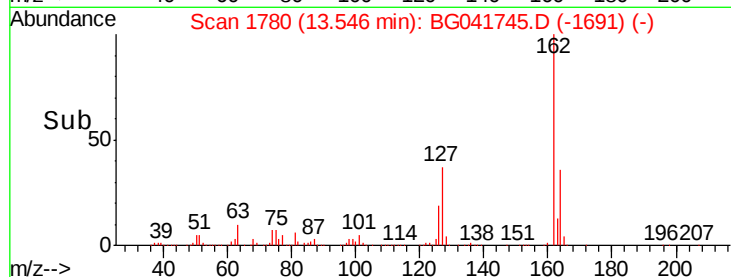
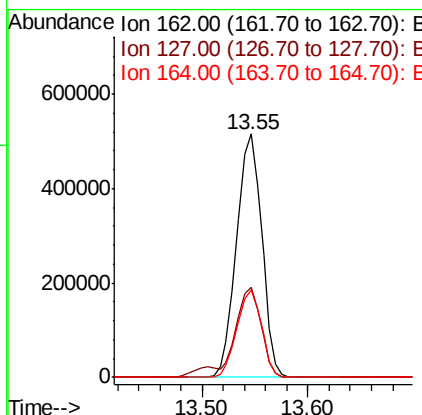
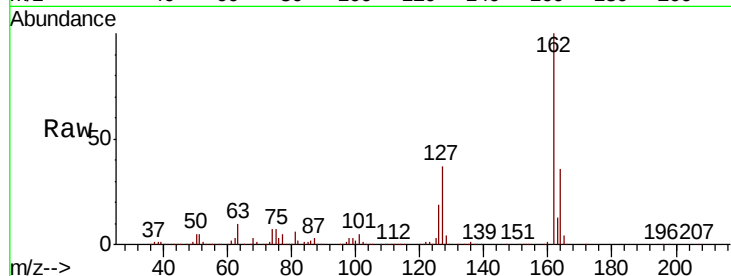




#47
2-Chloronaphthalene
Concen: 38.779 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

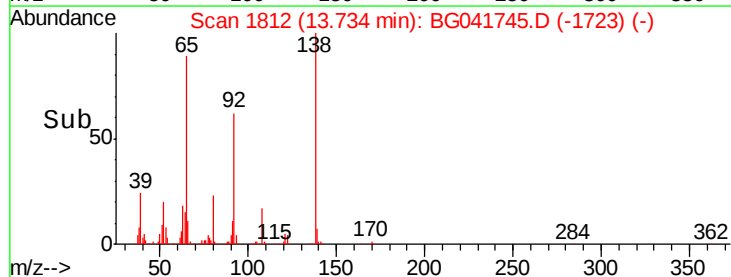
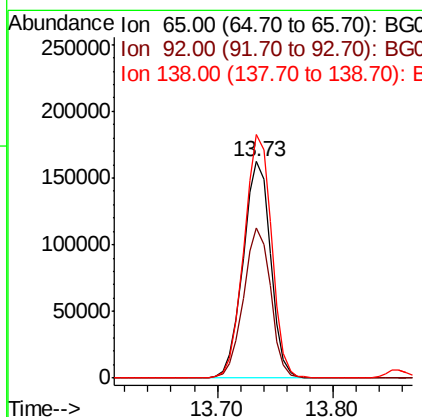
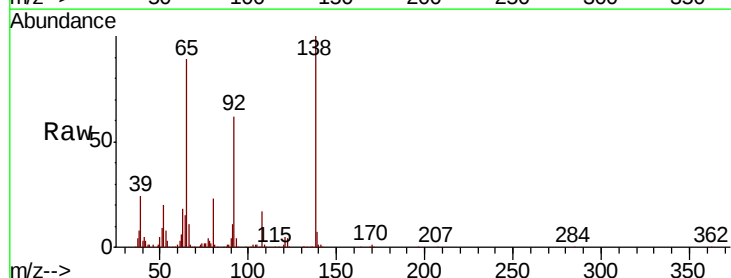
Instrument :
BNA_G
ClientSampleId :

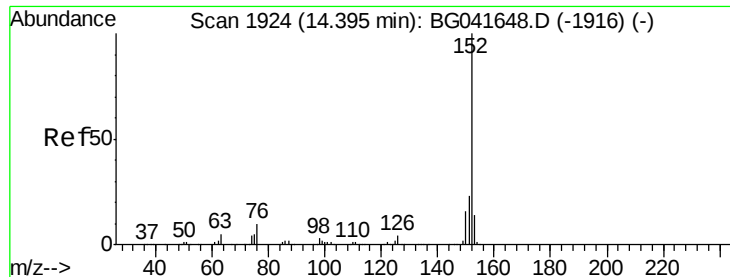
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.4	45.6
164	36.0	28.6	42.8



#48
2-Nitroaniline
Concen: 42.137 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	53.9	80.9
138	112.4	83.5	125.3





#49

Acenaphthylene

Concen: 39.094 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

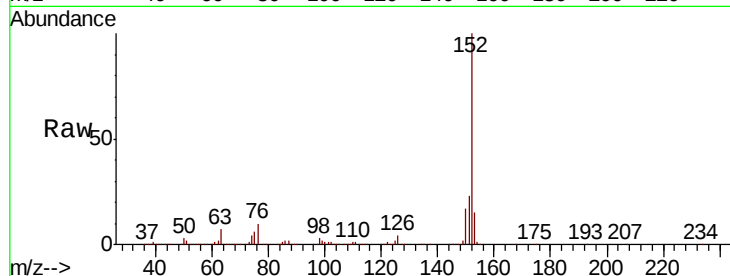
Instrument :

BNA_G

ClientSampled :

Tot Ion:152 Resp: 1339640

Ion	Ratio	Lower	Upper
152	100		
151	23.1	18.7	28.1
153	15.0	12.4	18.6

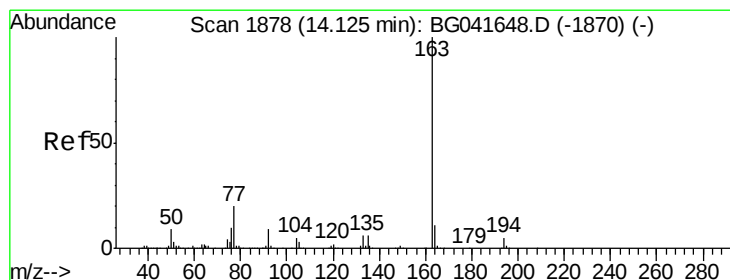
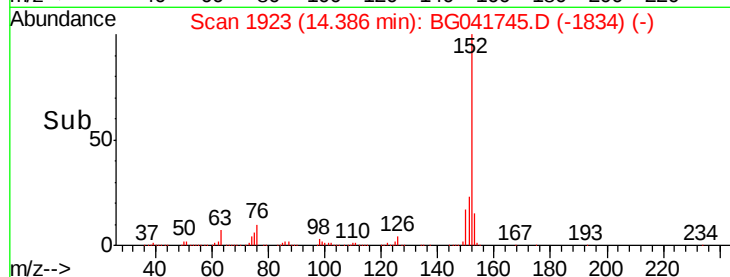
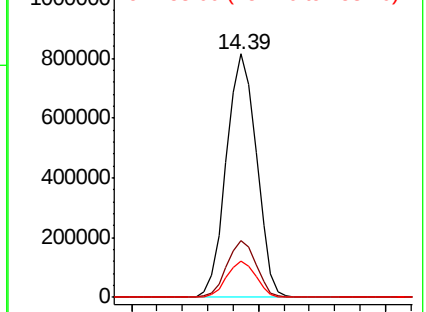


Abundance

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: 43.491 ng

RT: 14.12 min Scan# 1877

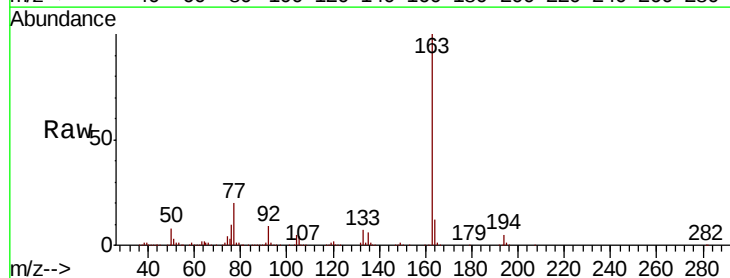
Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Tgt Ion:163 Resp: 1200812

Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	11.9	9.4	14.2

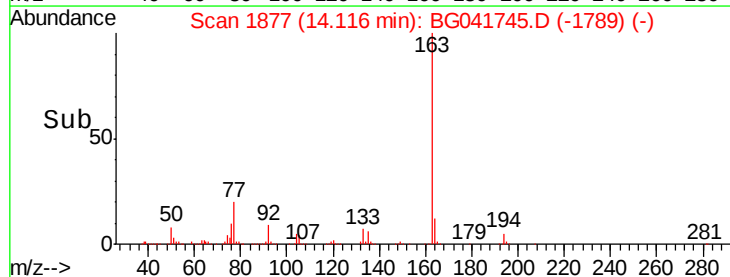
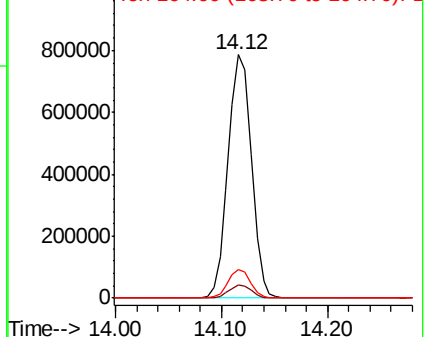


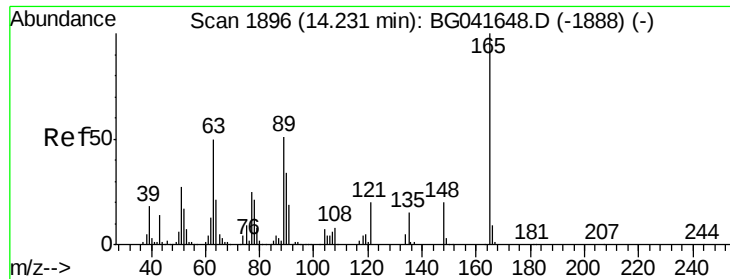
Abundance

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

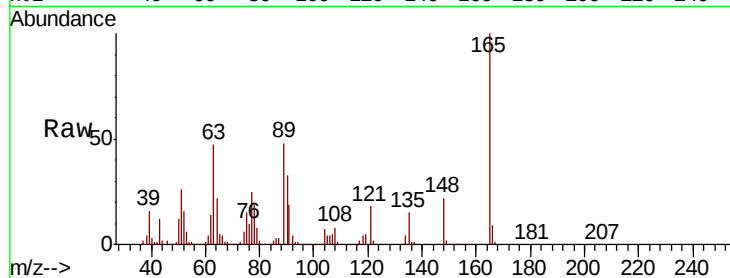




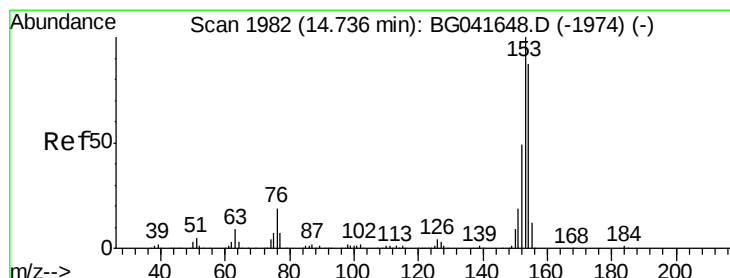
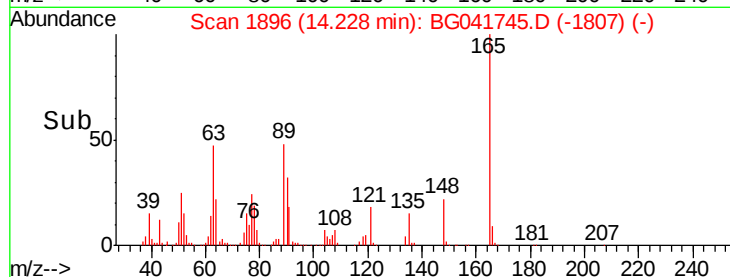
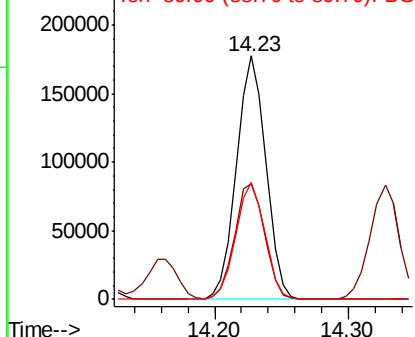
#51
2,6-Dinitrotoluene
Concen: 46.062 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 269764
Ion Ratio Lower Upper
165 100
63 47.4 42.4 63.6
89 47.9 42.1 63.1

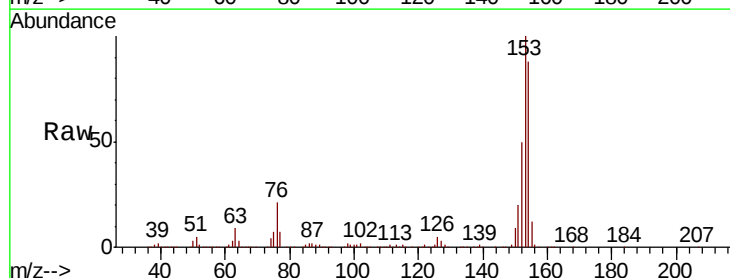


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

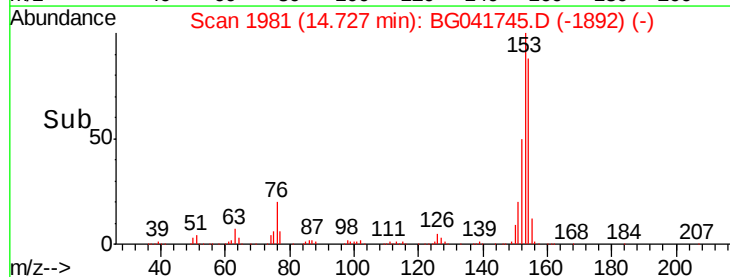
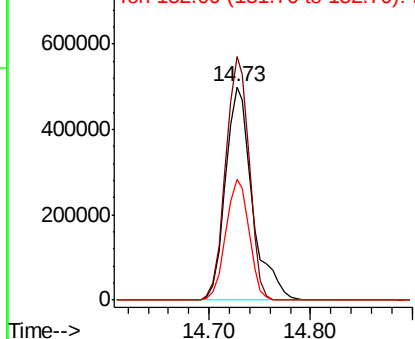


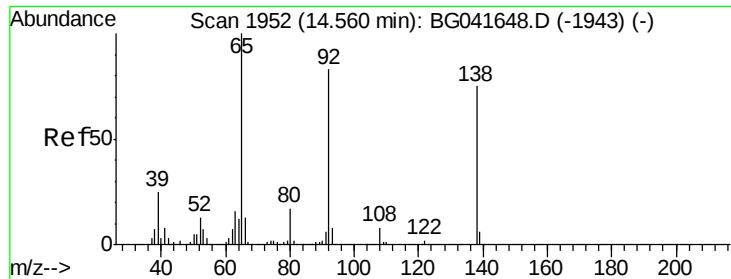
#52
Acenaphthene
Concen: 42.454 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion:154 Resp: 916775
Ion Ratio Lower Upper
154 100
153 114.1 89.8 134.6
152 56.6 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

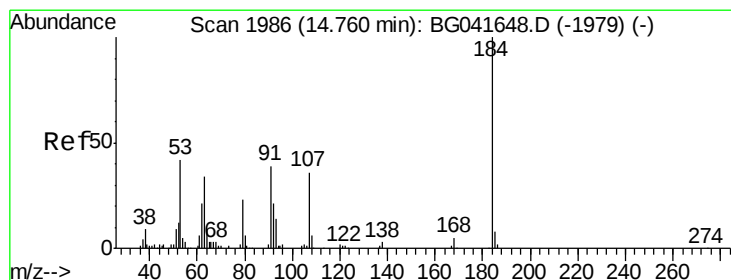
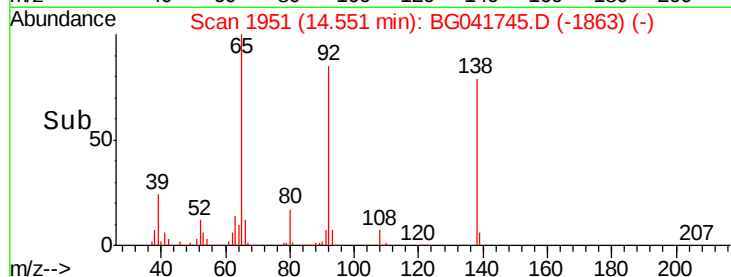
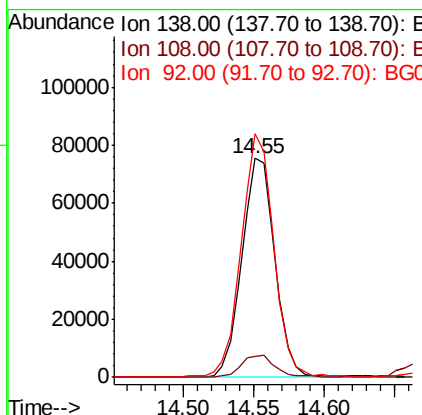
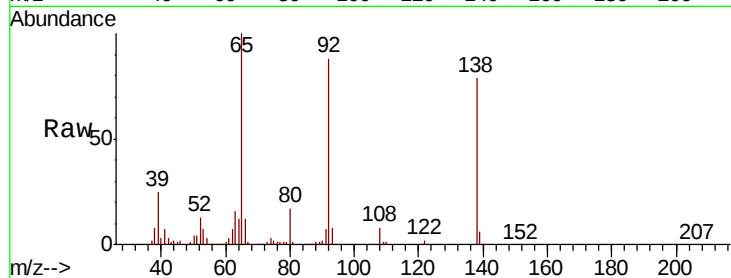




#53
3-Nitroaniline
Concen: 19.339 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

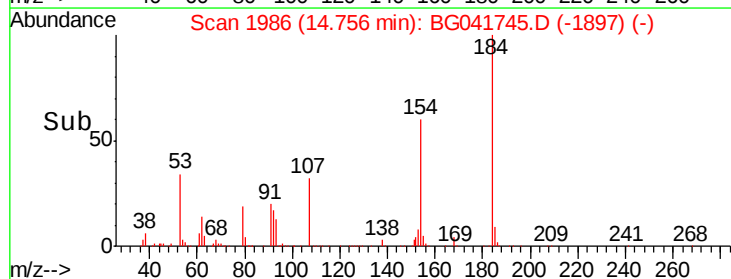
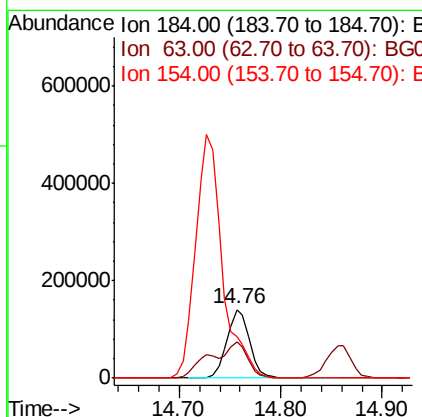
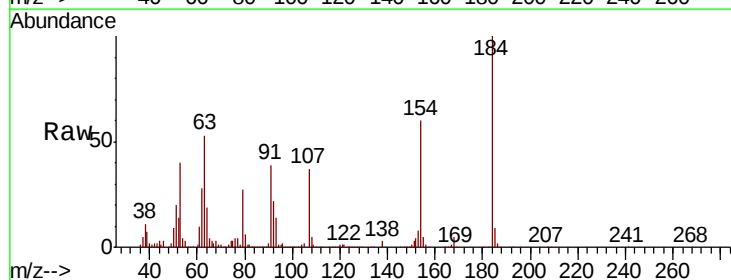
Instrument :
BNA_G
ClientSampleId :

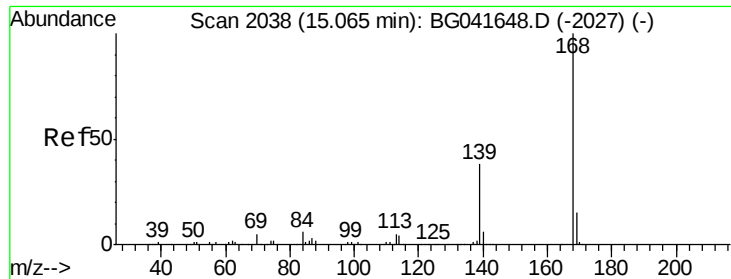
Tot Ion:138 Resp: 123638
Ion Ratio Lower Upper
138 100
108 9.8 10.3 15.5#
92 111.3 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 74.661 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion:184 Resp: 219295
Ion Ratio Lower Upper
184 100
63 53.2 43.2 64.8
154 59.5 51.4 77.2





#55

Dibenzofuran

Concen: 40.279 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampleId :

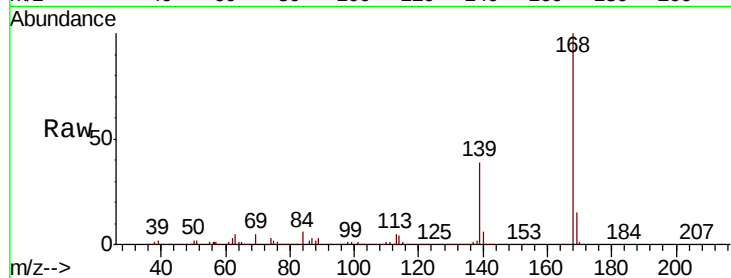
Tot Ion:168 Resp: 1305214

Ion Ratio Lower Upper

168 100

139 38.9 31.9 47.9

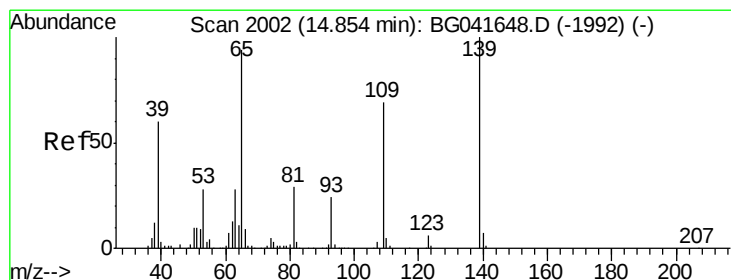
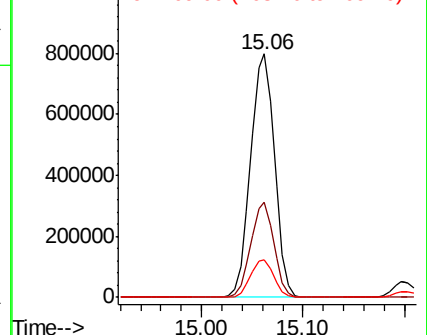
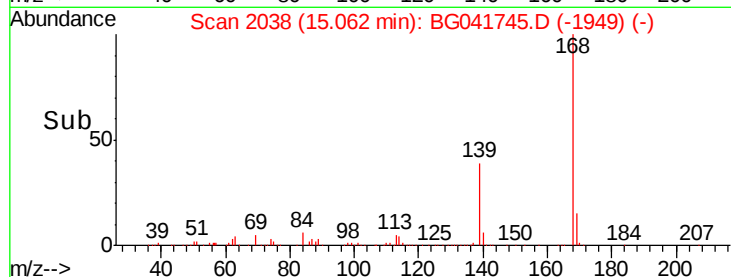
169 15.5 12.5 18.7



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: 81.465 ng

RT: 14.86 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

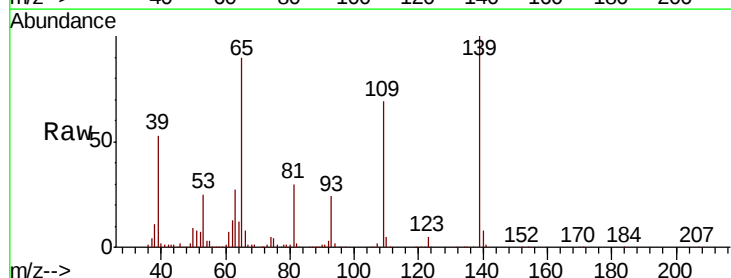
Tgt Ion:139 Resp: 421667

Ion Ratio Lower Upper

139 100

109 68.6 51.3 91.3

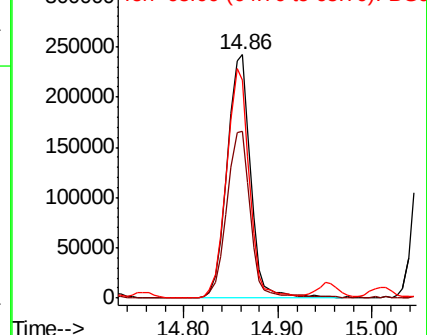
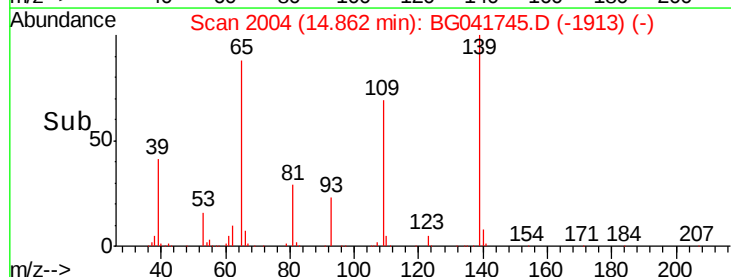
65 89.7 77.6 117.6

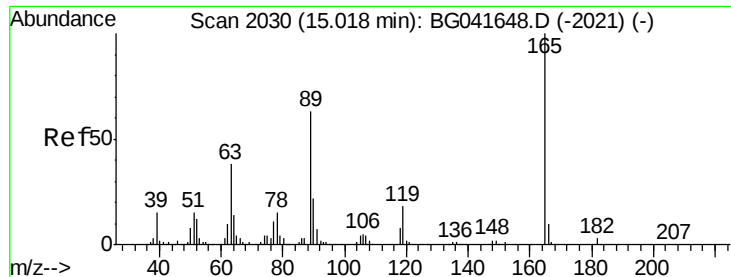


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

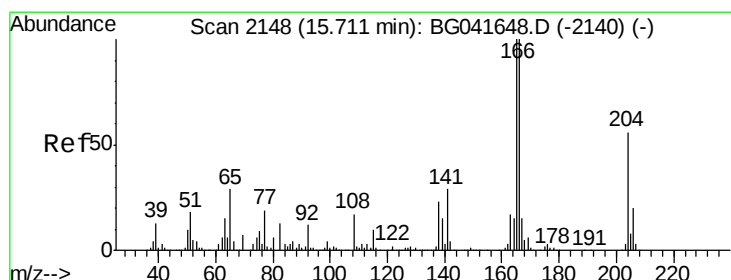
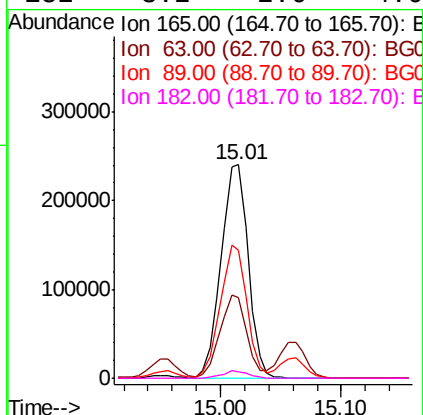
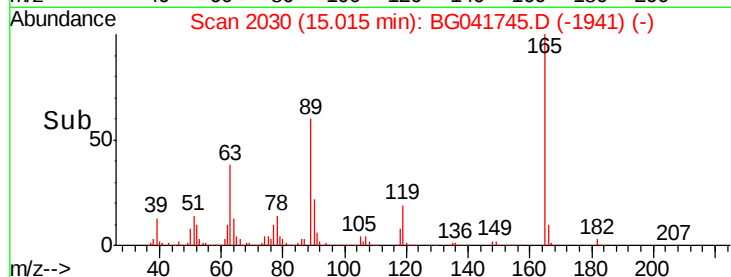
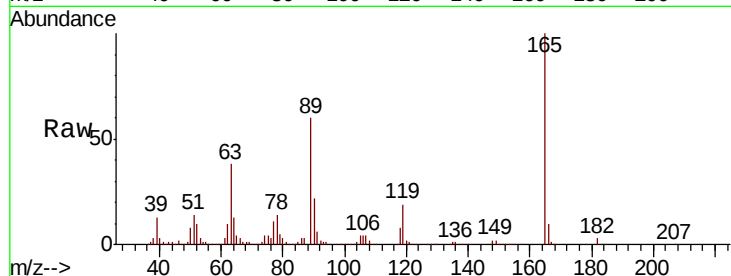




#57
2,4-Dinitrotoluene
Concen: 48.325 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

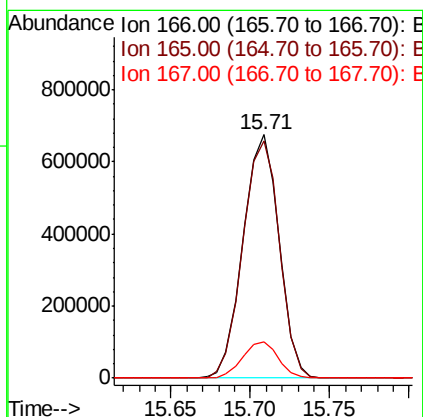
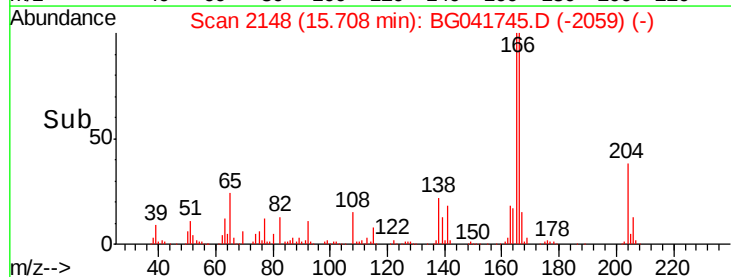
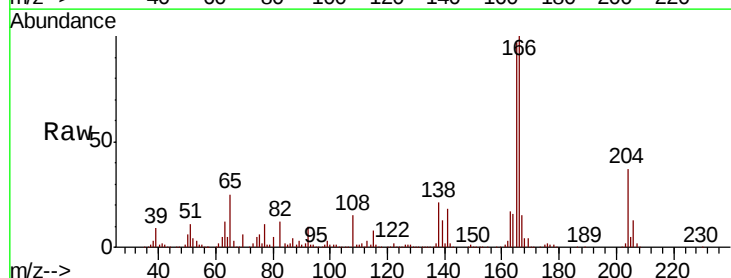
Instrument :
BNA_G
ClientSampleId :

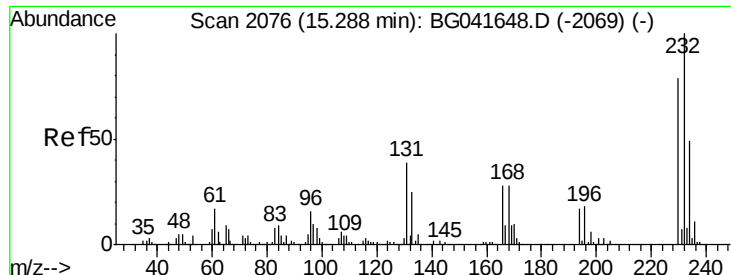
Tot Ion:165 Resp: 374119
Ion Ratio Lower Upper
165 100
63 37.9 31.7 47.5
89 60.0 50.2 75.4
182 3.2 2.6 4.0



#58
Fluorene
Concen: 40.432 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion:166 Resp: 1066072
Ion Ratio Lower Upper
166 100
165 97.5 80.5 120.7
167 15.1 12.4 18.6

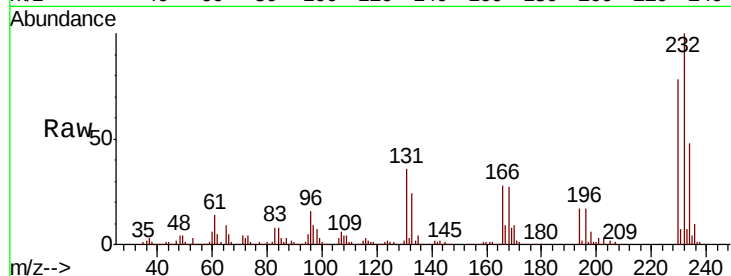




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.522 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.6	31.8	47.6
130	1.0	1.8	2.8
166	28.8	23.5	35.3



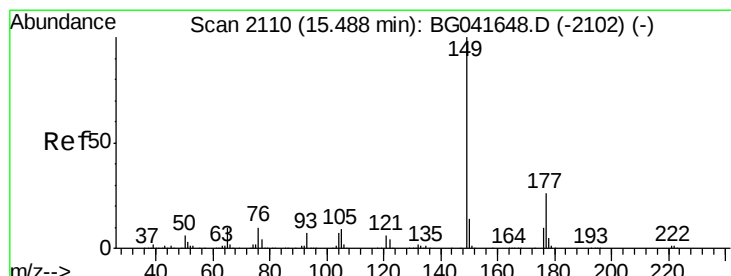
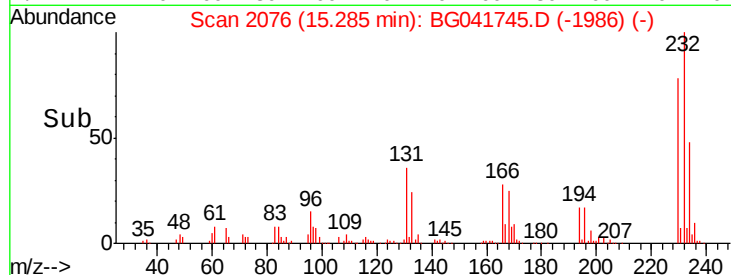
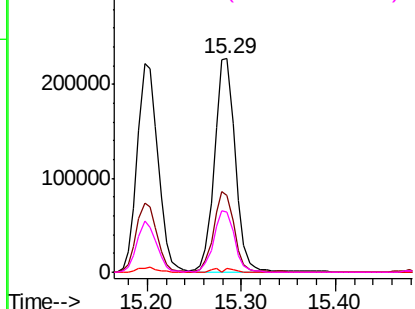
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

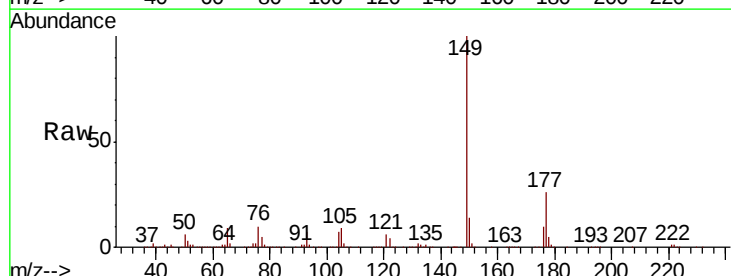
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.248 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.4	20.7	31.1
150	14.0	11.5	17.3

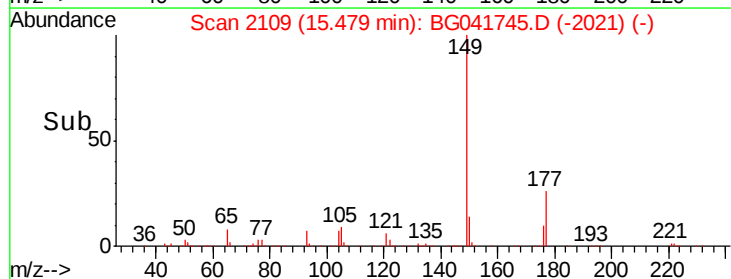
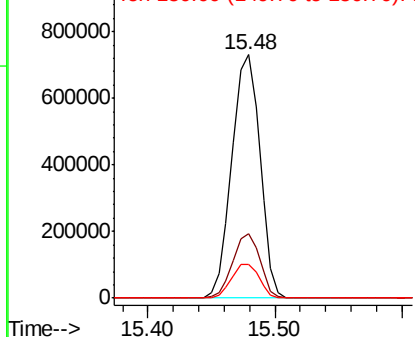


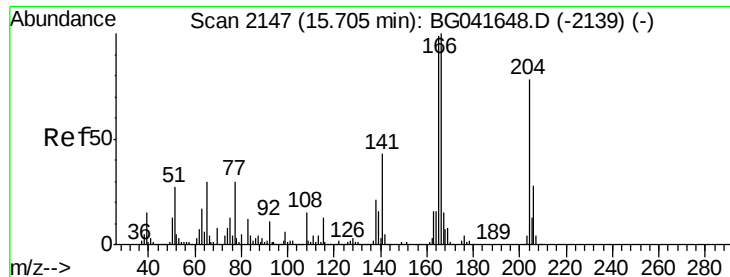
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

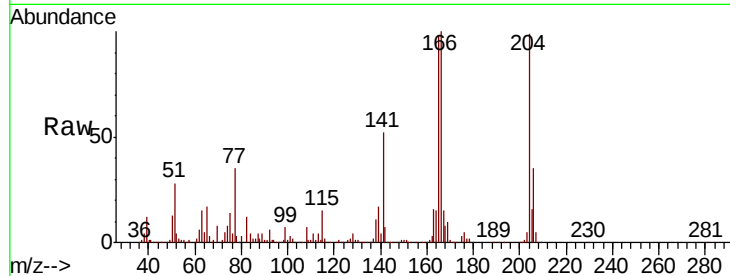




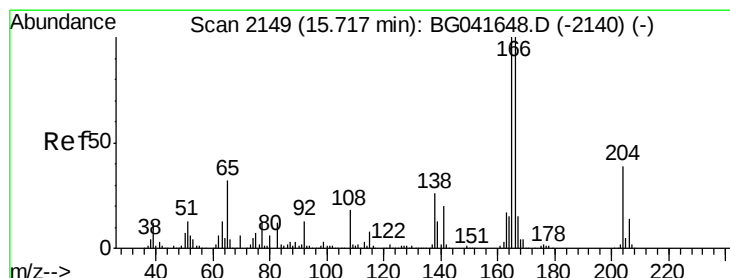
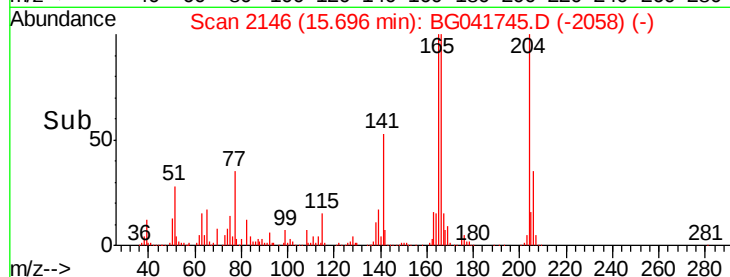
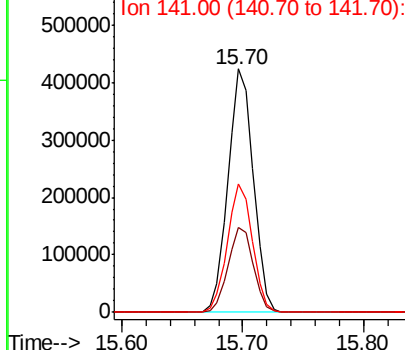
#61
4-Chlorophenyl-phenylether
Concen: 41.330 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 616007
Ion Ratio Lower Upper
204 100
206 35.1 28.6 42.8
141 52.7 42.9 64.3

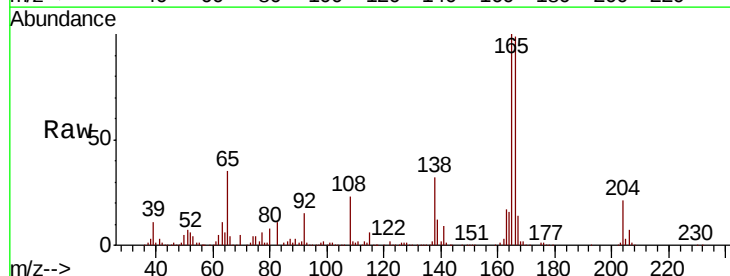


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

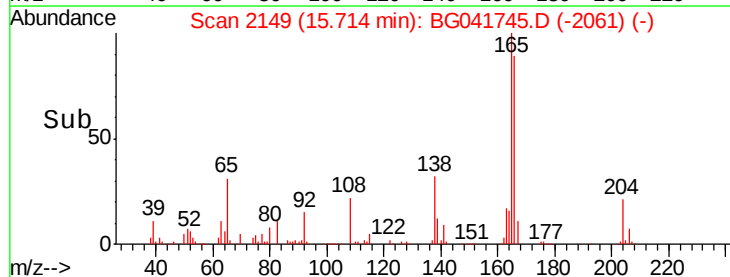
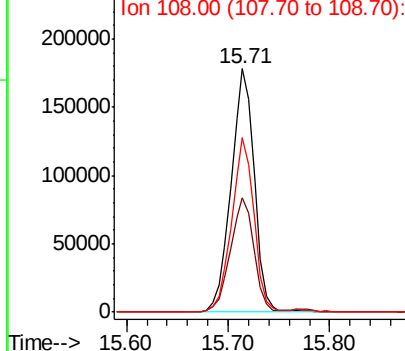


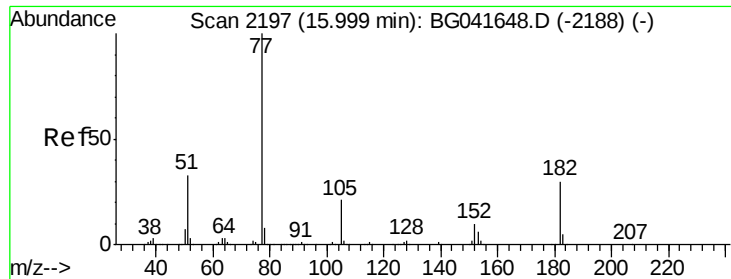
#62
4-Nitroaniline
Concen: 41.709 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion:138 Resp: 282806
Ion Ratio Lower Upper
138 100
92 46.7 29.8 69.8
108 71.8 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: 38.740 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 974231

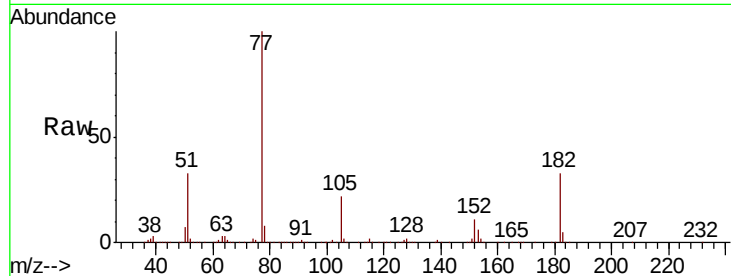
Ion Ratio Lower Upper

77 100

182 33.3 13.2 53.2

105 22.5 2.2 42.2

51 32.6 14.6 54.6

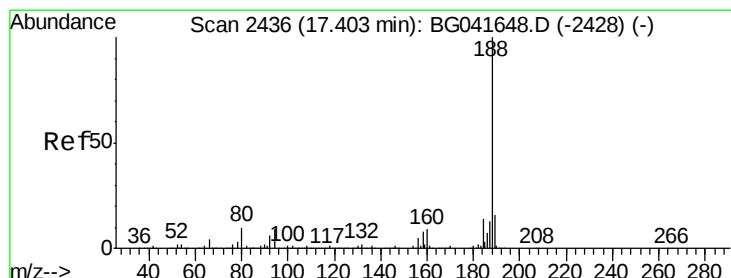
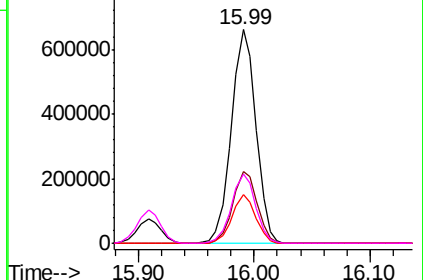
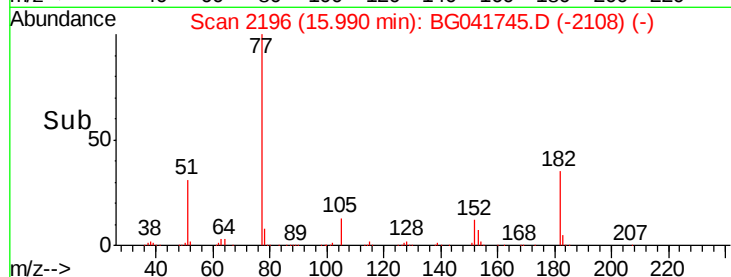


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

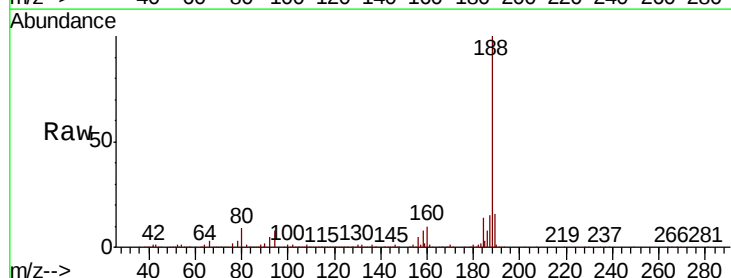
Tgt Ion: 188 Resp: 856537

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

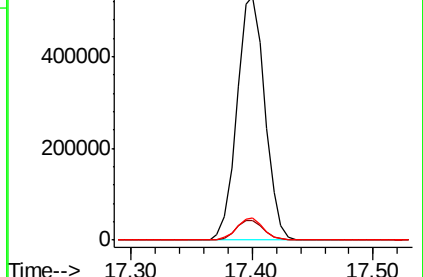
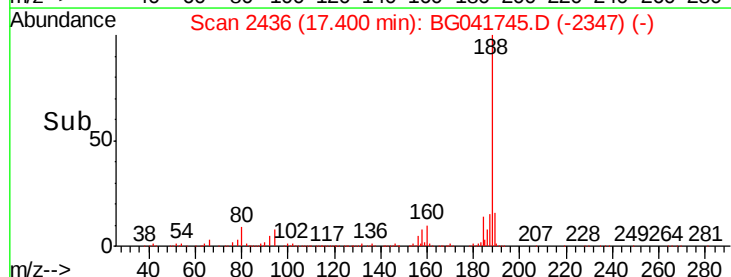
80 9.1 8.0 12.0

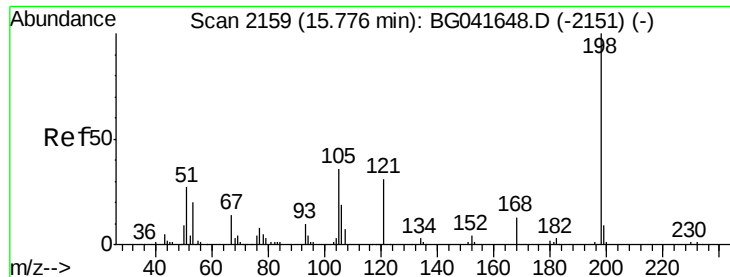


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 45.763 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

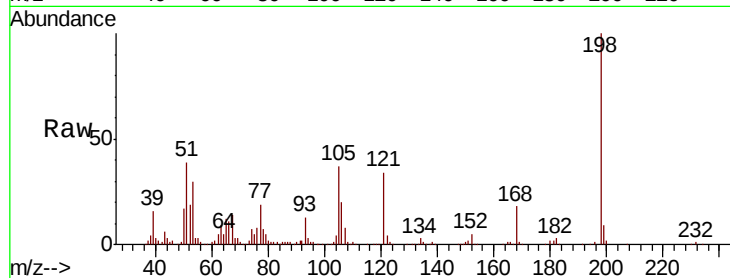
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 184610

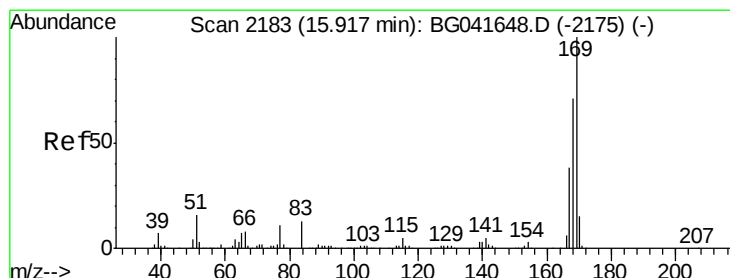
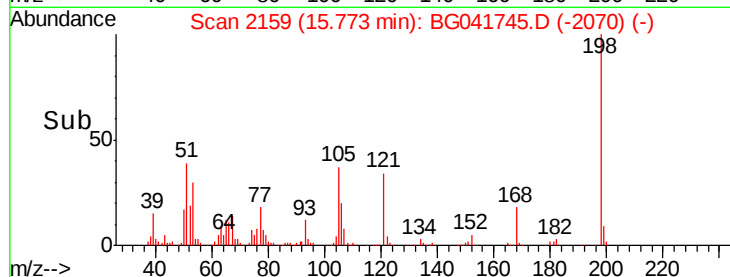
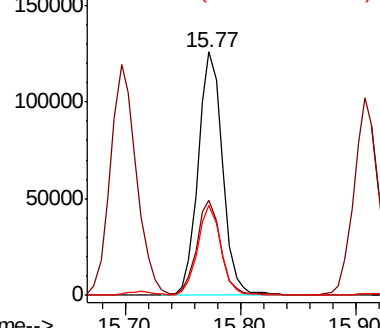
Ion	Ratio	Lower	Upper
198	100		
51	38.9	22.3	62.3
105	37.1	18.0	58.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041745.D (-2070) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.401 ng

RT: 15.91 min Scan# 2182

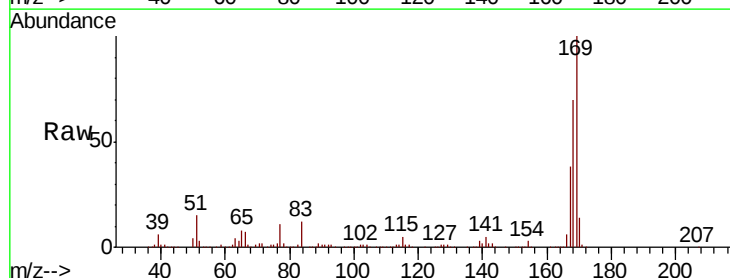
Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Tgt Ion:169 Resp: 1016226

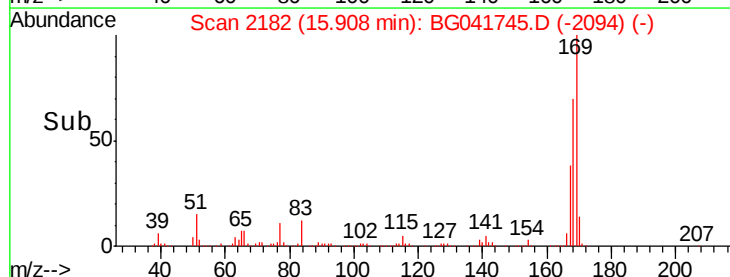
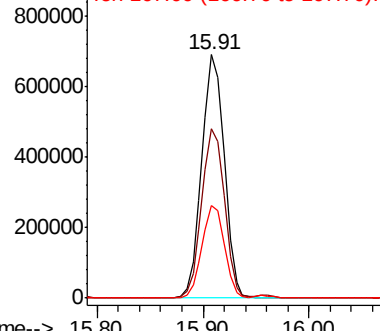
Ion	Ratio	Lower	Upper
169	100		
168	69.5	56.9	85.3
167	38.3	31.5	47.3

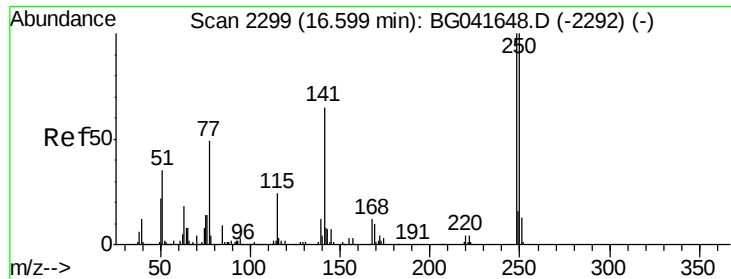


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

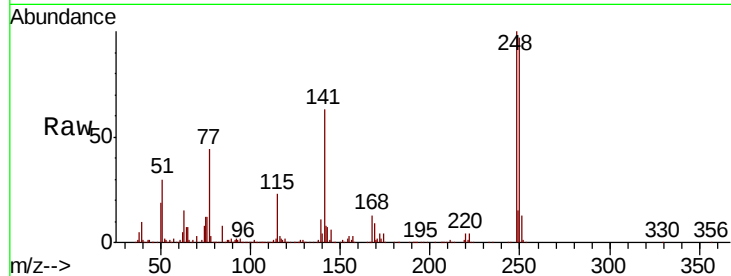




#67
 4-Bromophenyl-phenylether
 Concen: 41.200 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.1	117.1
141	62.7	49.6	74.4

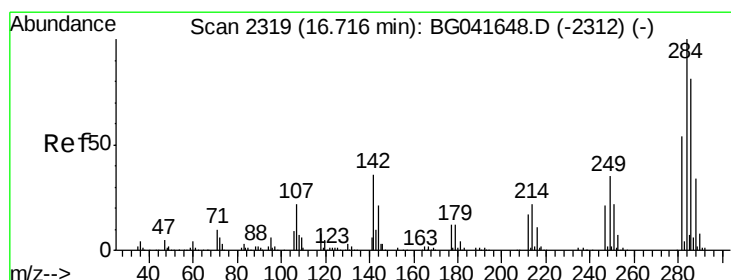
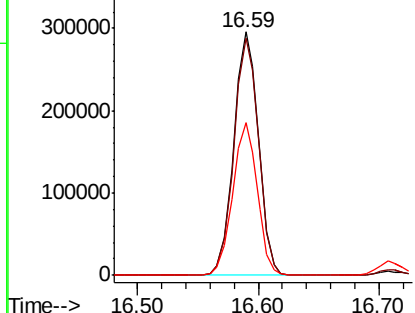
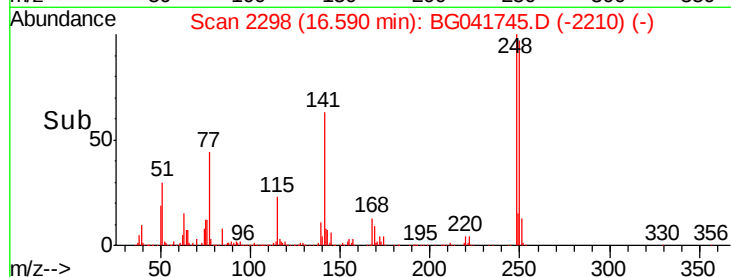


Abundance

Ion 248.00 (247.70 to 248.70): E

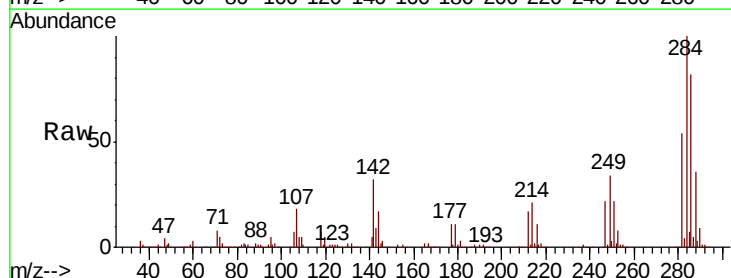
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.706 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	27.0	40.6
249	34.1	28.4	42.6

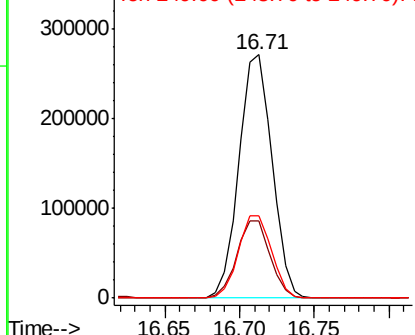
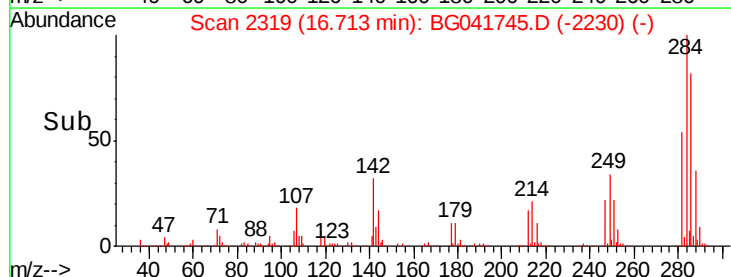


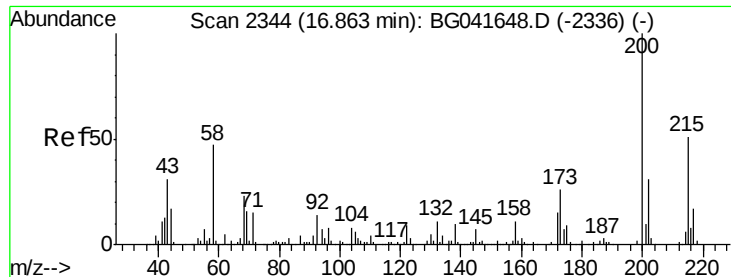
Abundance

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

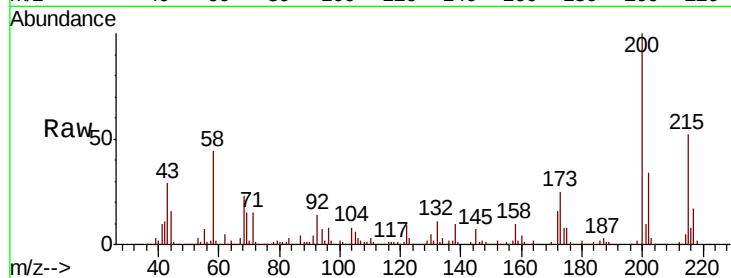




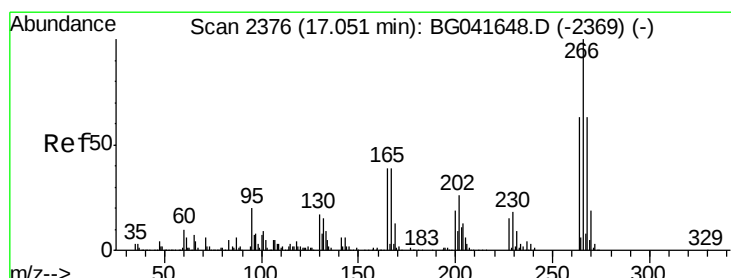
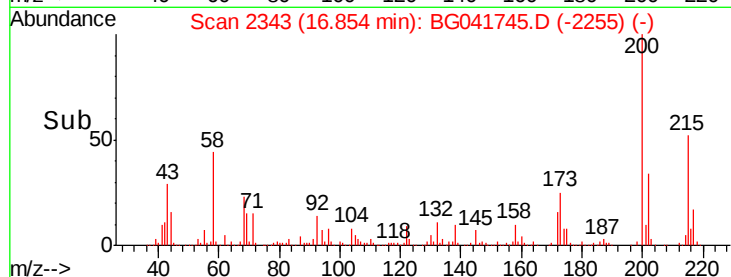
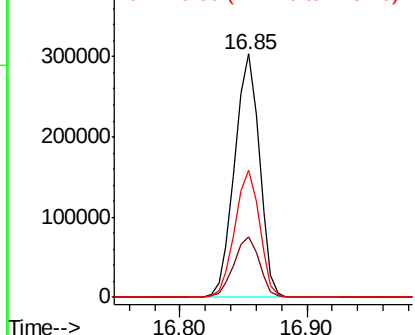
#69
 Atrazine
 Concen: 45.023 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 410975
 Ion Ratio Lower Upper
 200 100
 173 24.9 5.3 45.3
 215 52.2 31.8 71.8

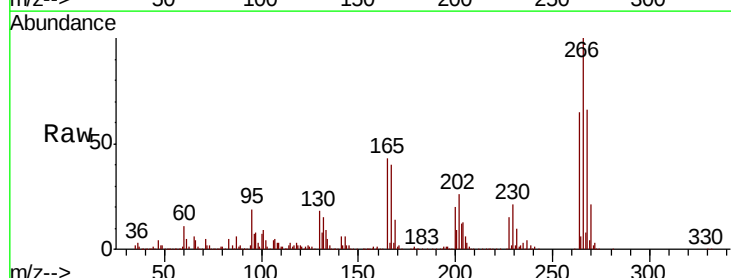


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

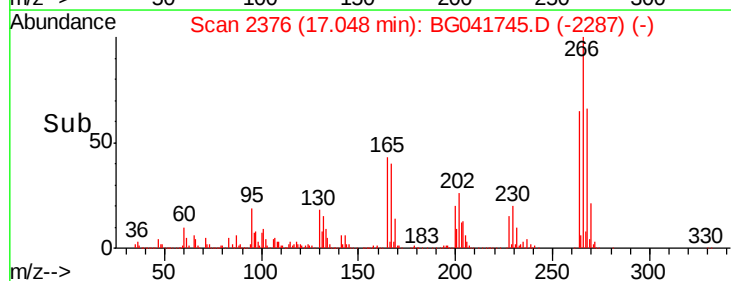
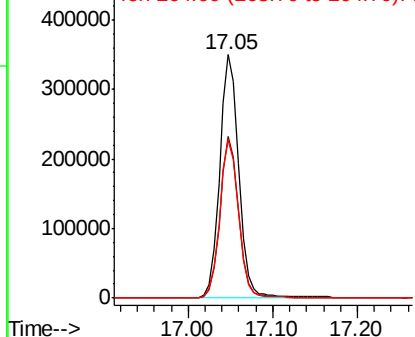


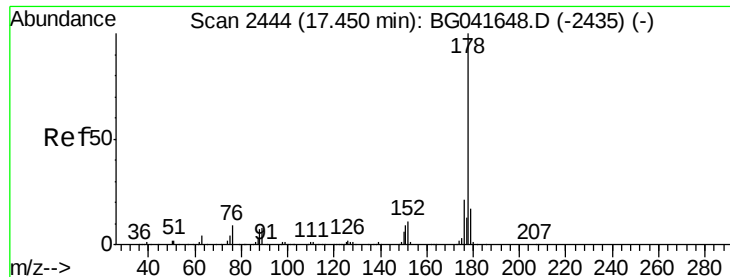
#70
 Pentachlorophenol
 Concen: 86.014 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Tgt Ion:266 Resp: 551954
 Ion Ratio Lower Upper
 266 100
 268 66.3 52.9 79.3
 264 64.7 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

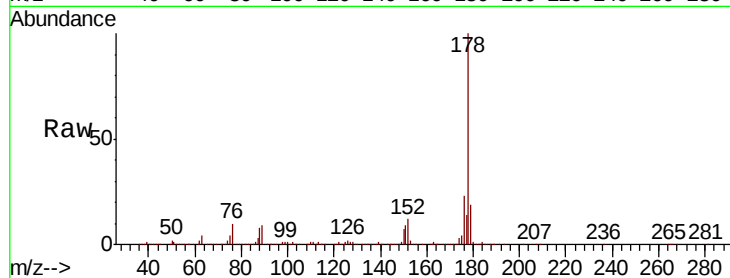




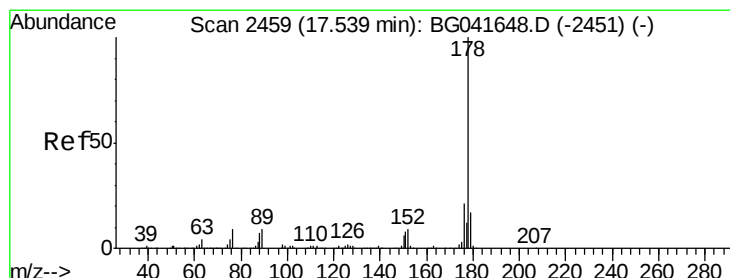
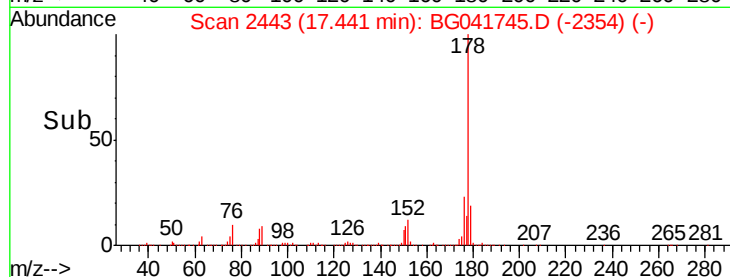
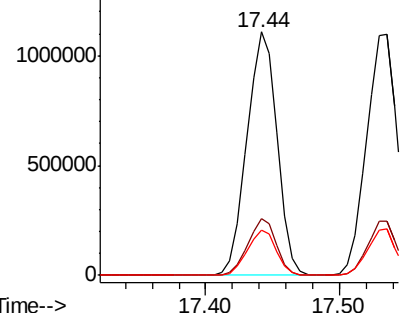
#71
Phenanthrene
Concen: 40.135 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 1731240
Ion Ratio Lower Upper
178 100
176 23.1 18.6 28.0
179 18.8 15.4 23.0

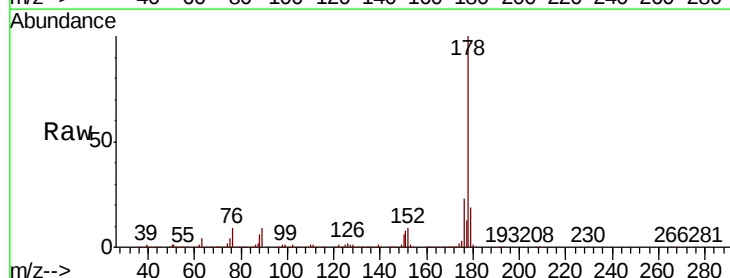


Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

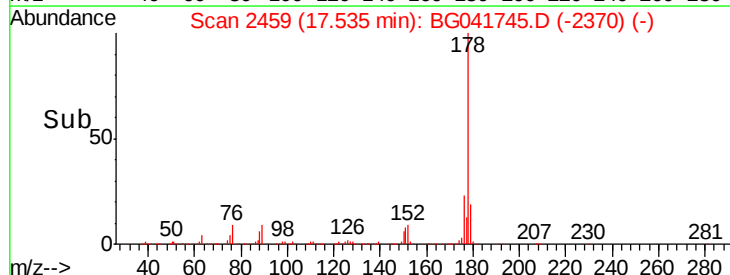
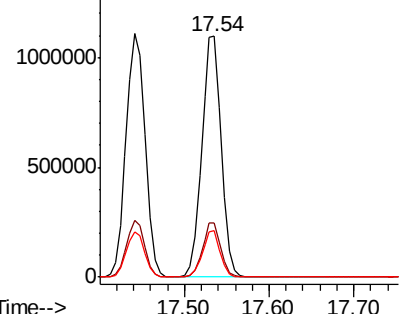


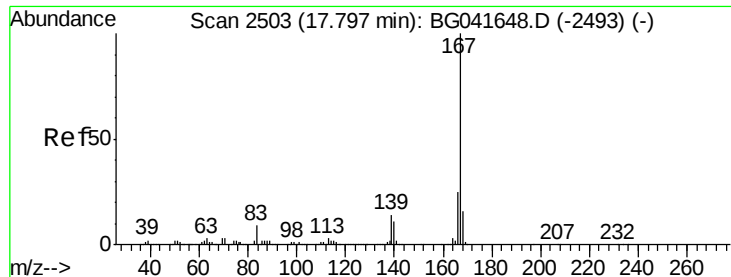
#72
Anthracene
Concen: 41.119 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion:178 Resp: 1768025
Ion Ratio Lower Upper
178 100
176 22.7 18.6 28.0
179 19.2 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

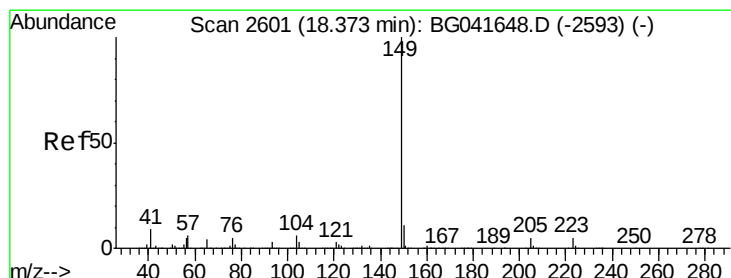
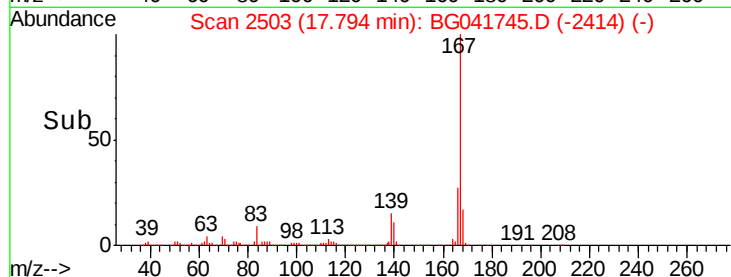
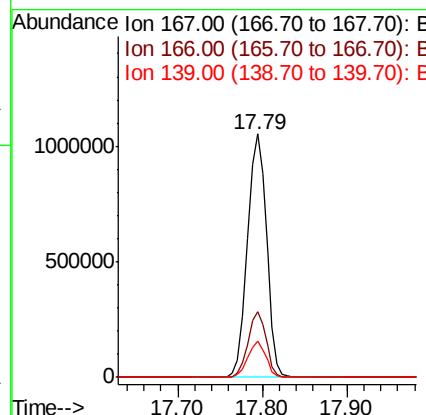
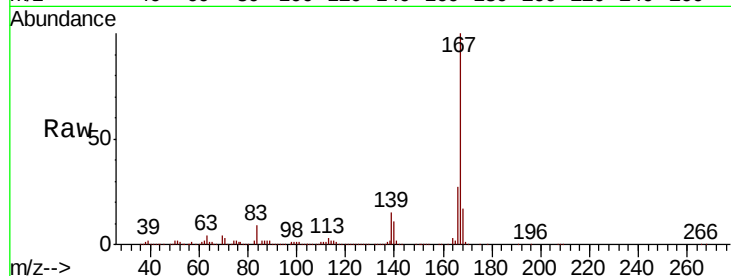




#73
 Carbazole
 Concen: 41.271 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

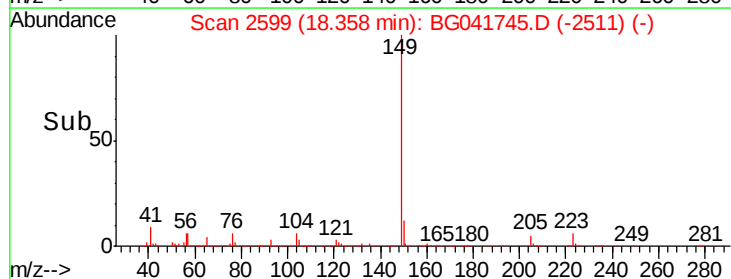
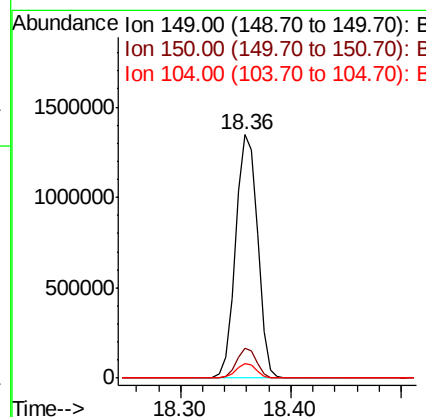
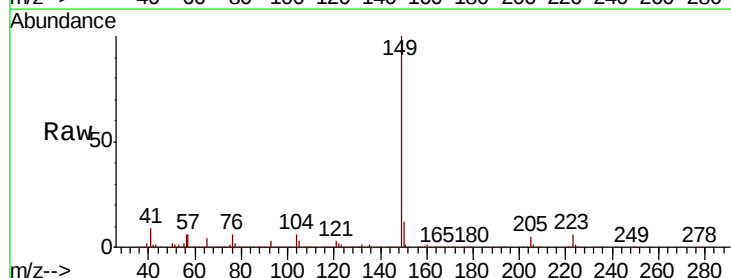
Instrument :
 BNA_G
 ClientSampleId :

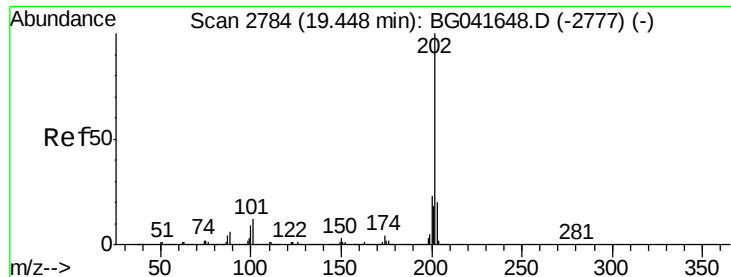
Tot Ion:167 Resp: 1645762
 Ion Ratio Lower Upper
 167 100
 166 26.9 21.4 32.2
 139 14.9 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 38.803 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Tgt Ion:149 Resp: 1887259
 Ion Ratio Lower Upper
 149 100
 150 12.4 10.2 15.2
 104 6.1 5.3 7.9





#75

Fluoranthene

Concen: 39.962 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampleId :

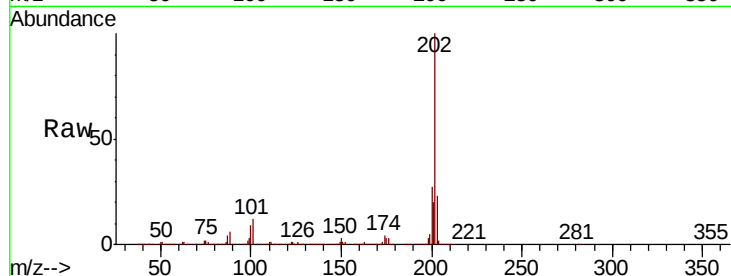
Tot Ion:202 Resp: 2116634

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.8

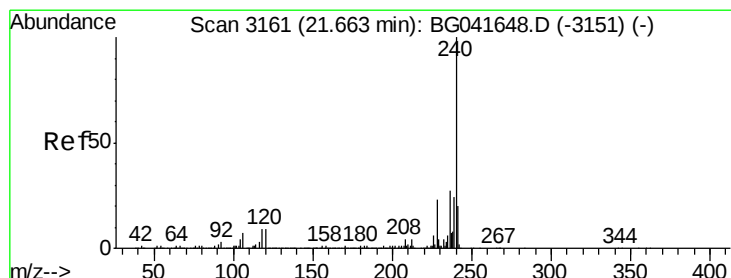
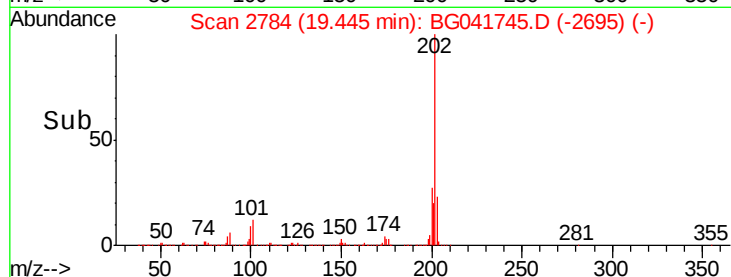
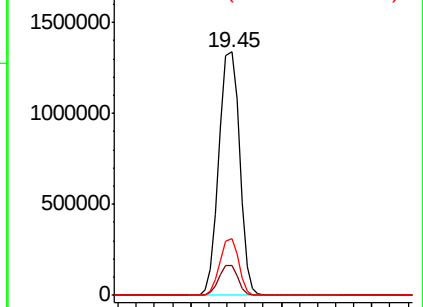
203 23.3 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

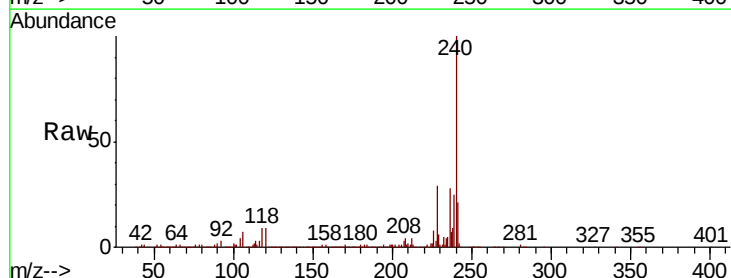
Tgt Ion:240 Resp: 830875

Ion Ratio Lower Upper

240 100

120 8.9 8.0 12.0

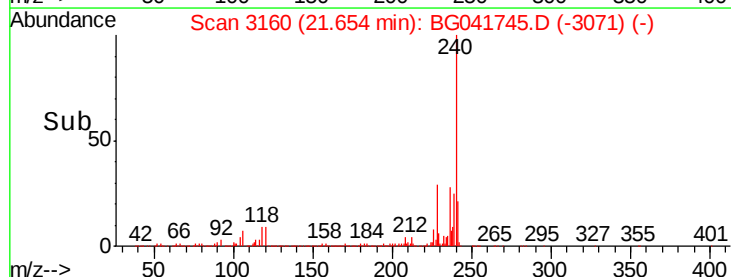
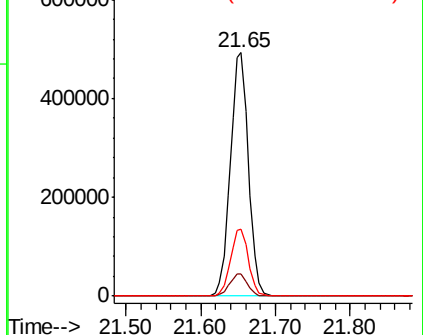
236 27.8 22.6 33.8

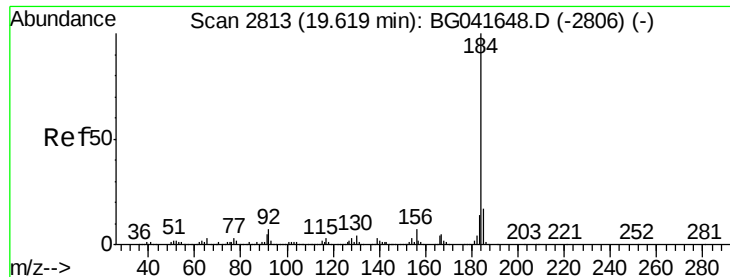


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.057 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

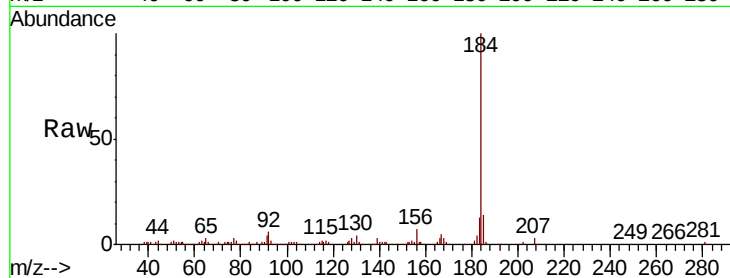
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 220800

Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.0	19.4
183	12.9	11.8	17.6



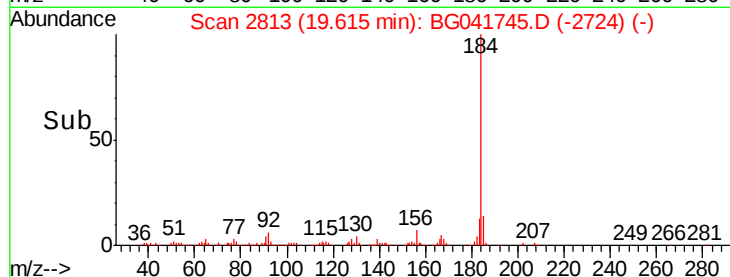
Abundance

Ion 184.00 (183.70 to 184.70): E

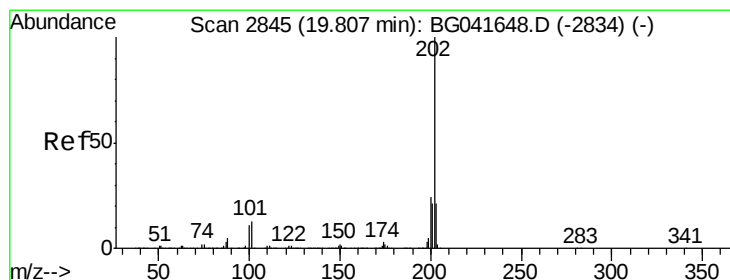
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.62



Time-->



#78

Pyrene

Concen: 38.228 ng

RT: 19.80 min Scan# 2845

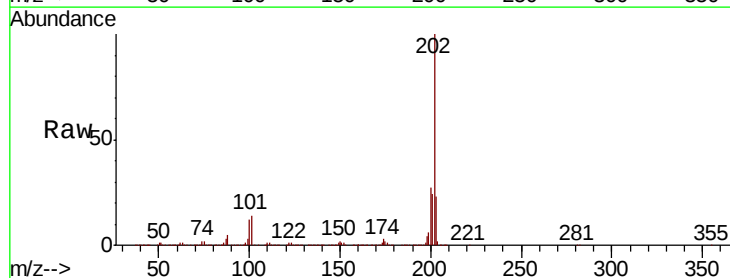
Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Tgt Ion:202 Resp: 2148202

Ion	Ratio	Lower	Upper
202	100		
200	27.3	22.2	33.2
203	23.1	18.9	28.3



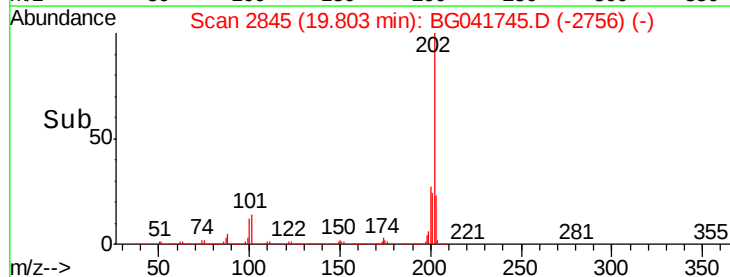
Abundance

Ion 202.00 (201.70 to 202.70): E

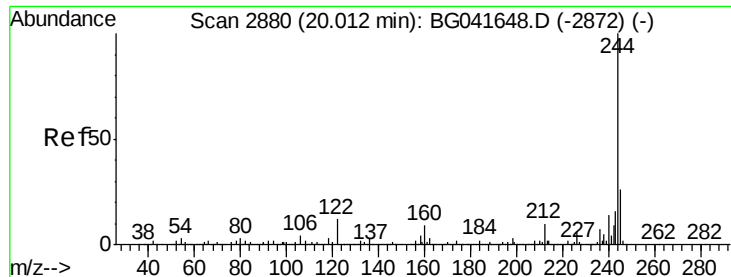
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.80



Time-->



#79

Terphenyl-d14

Concen: 79.622 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

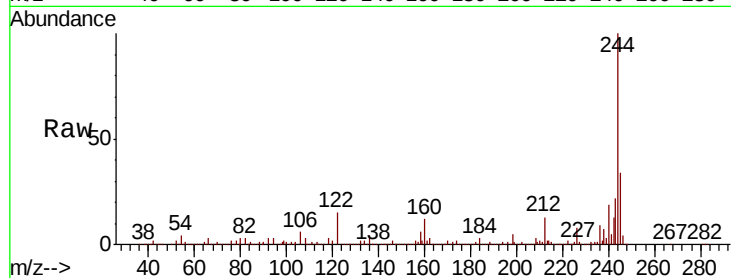
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2830946

Ion	Ratio	Lower	Upper
244	100		
212	12.9	9.7	14.5
122	15.0	12.5	18.7

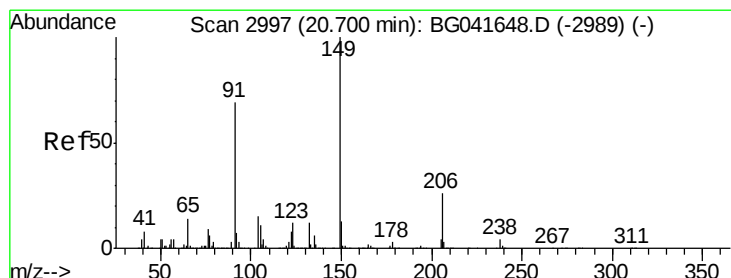
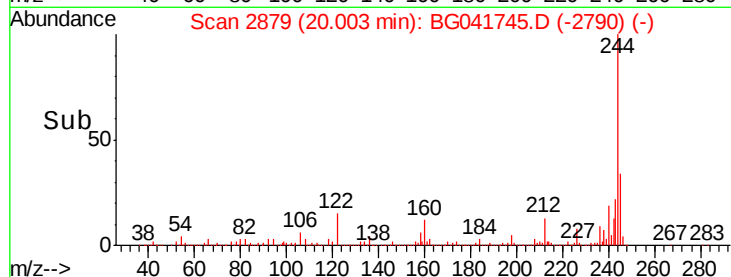
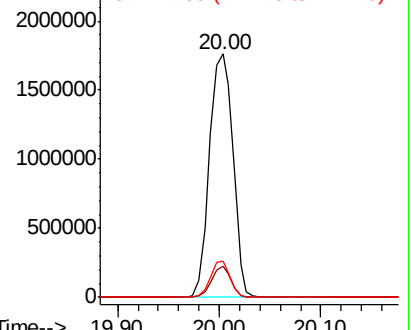


Abundance

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: 39.947 ng

RT: 20.69 min Scan# 2996

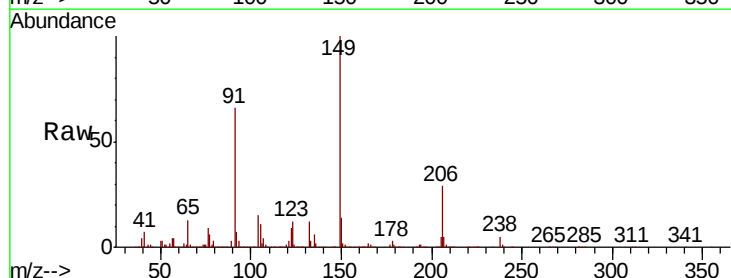
Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Tgt Ion:149 Resp: 932815

Ion	Ratio	Lower	Upper
149	100		
91	66.5	58.9	88.3
206	28.6	20.8	31.2

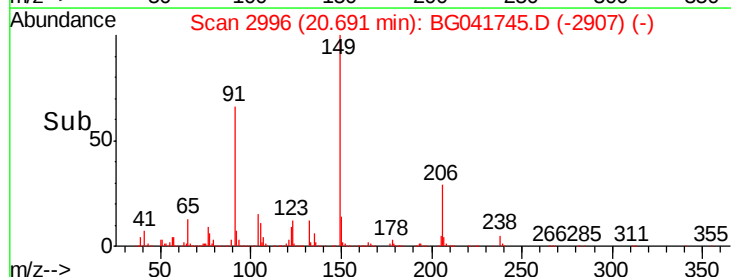
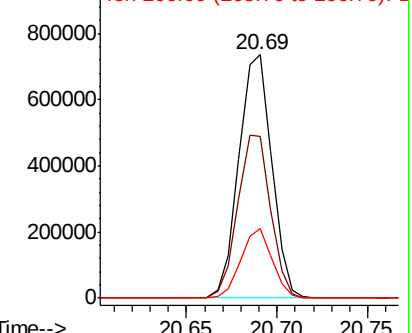


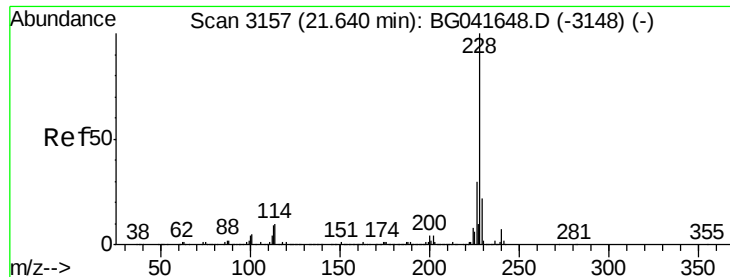
Abundance

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

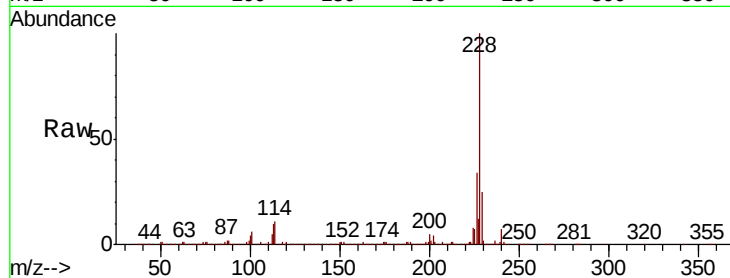




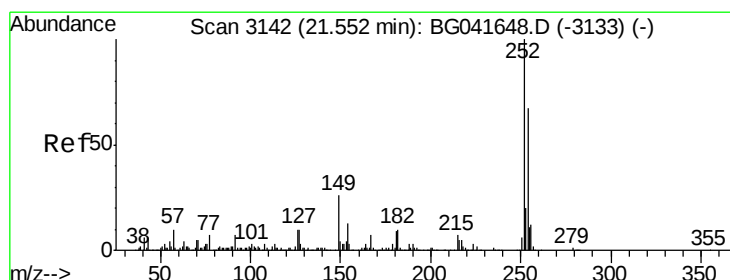
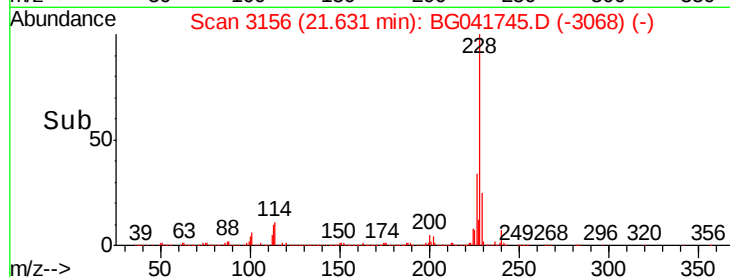
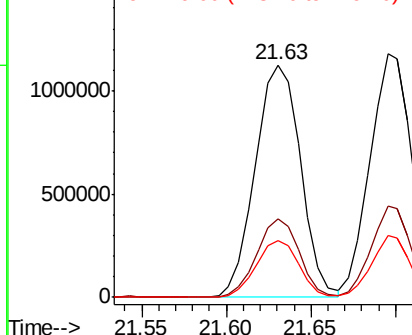
#81
Benzo(a)anthracene
Concen: 39.203 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 2104564
Ion Ratio Lower Upper
228 100
226 34.0 27.3 40.9
229 24.6 19.7 29.5

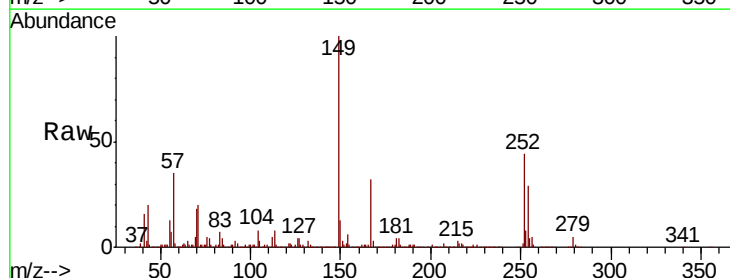


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

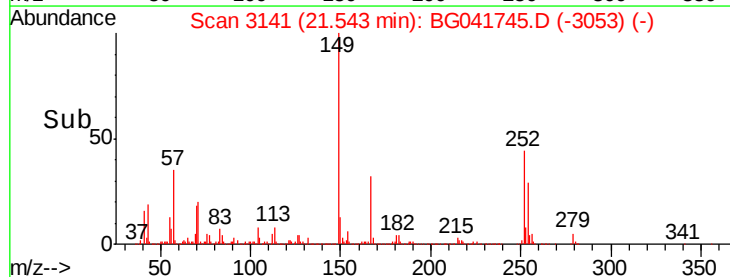
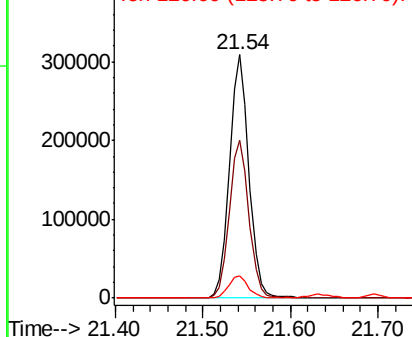


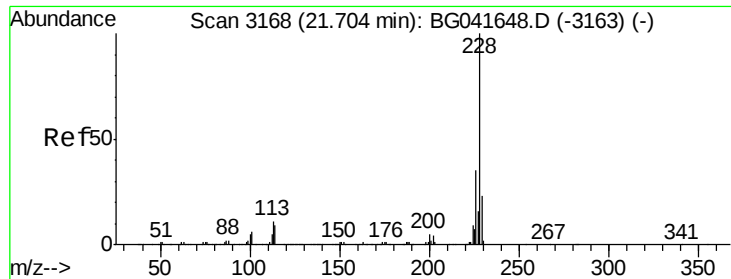
#82
3,3'-Dichlorobenzidine
Concen: 22.138 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion:252 Resp: 467670
Ion Ratio Lower Upper
252 100
254 64.9 53.8 80.6
126 9.0 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: 39.352 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampleId :

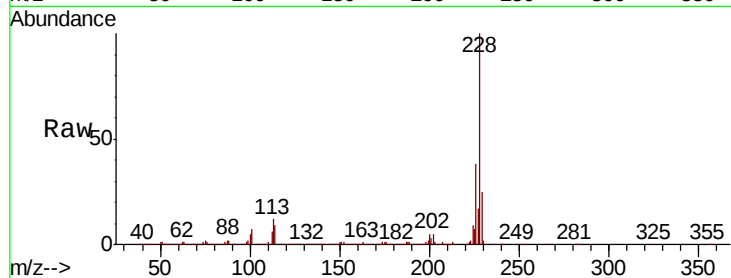
Tot Ion:228 Resp: 2018631

Ion Ratio Lower Upper

228 100

226 37.7 30.1 45.1

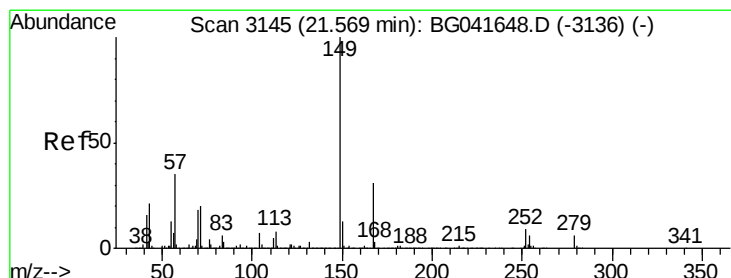
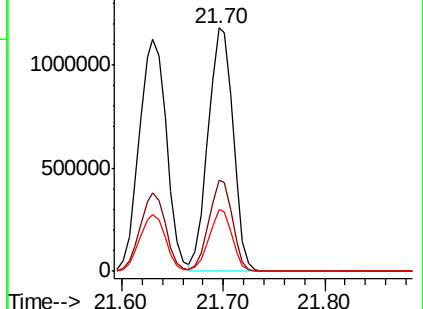
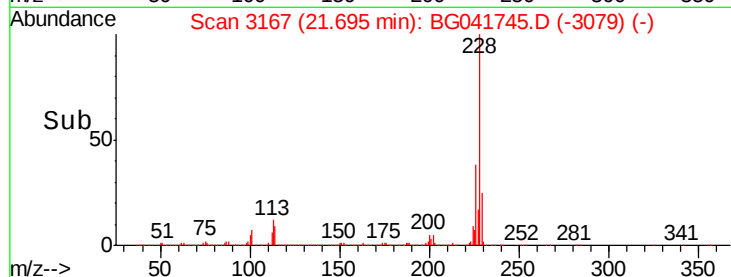
229 25.2 19.8 29.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.840 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.03 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

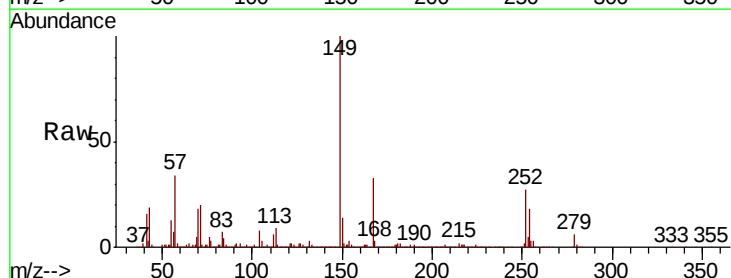
Tgt Ion:149 Resp: 1280561

Ion Ratio Lower Upper

149 100

167 33.4 27.0 40.4

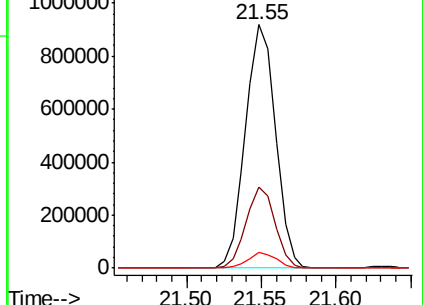
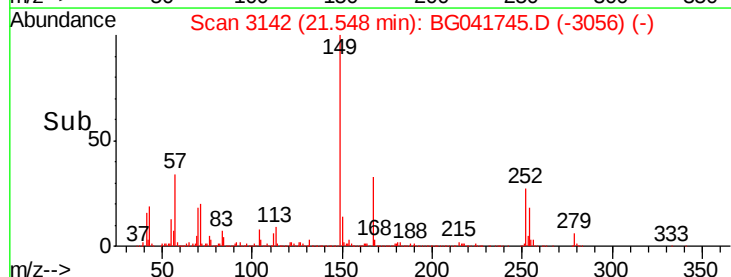
279 6.2 5.0 7.6

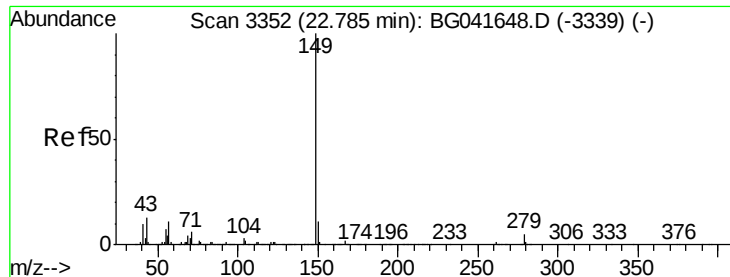


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.726 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.03 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

Instrument :

BNA_G

ClientSampleId :

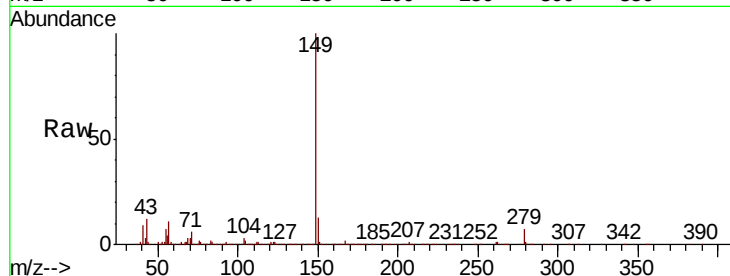
Tot Ion:149 Resp: 2174369

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

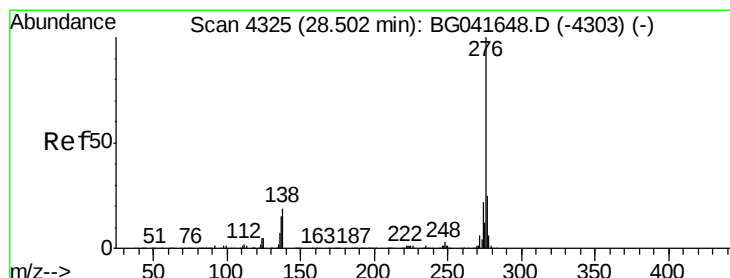
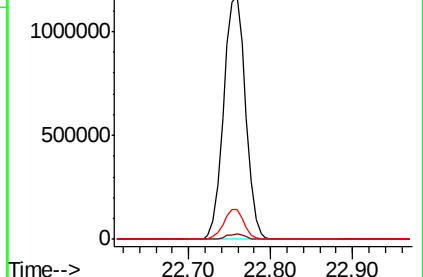
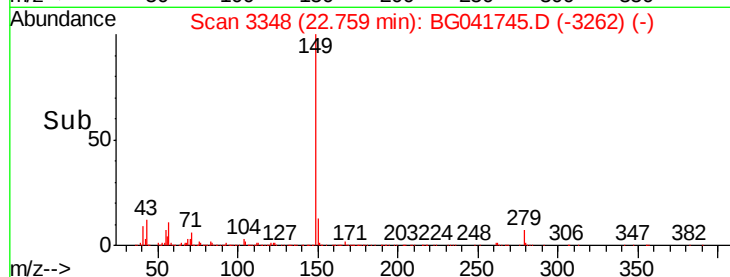
43 11.4 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.999 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.04 min

Lab File: BG041745.D

Acq: 22 Jul 2019 12:09

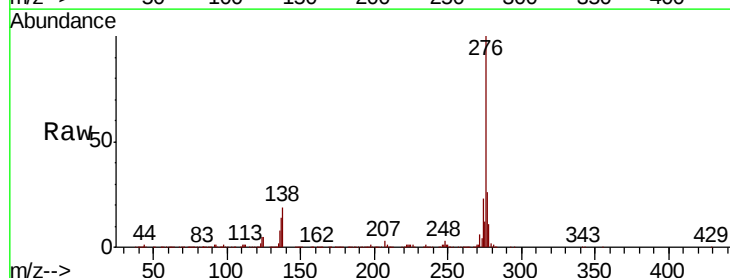
Tgt Ion:276 Resp: 2774990

Ion Ratio Lower Upper

276 100

138 16.1 19.4 29.0#

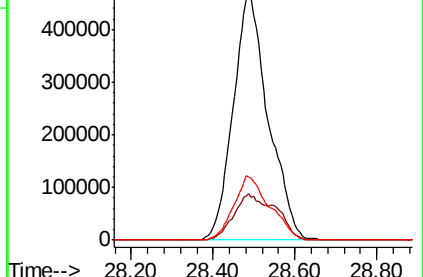
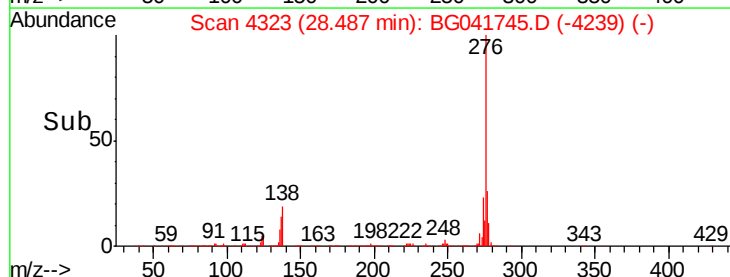
277 26.8 21.2 31.8

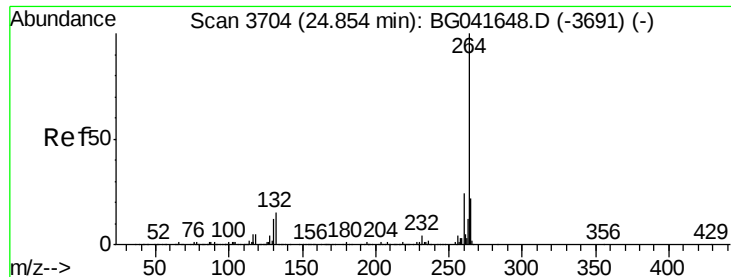


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

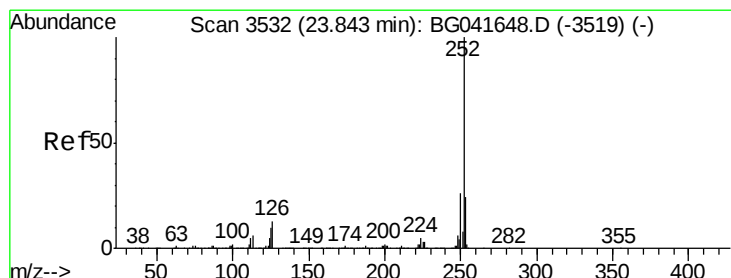
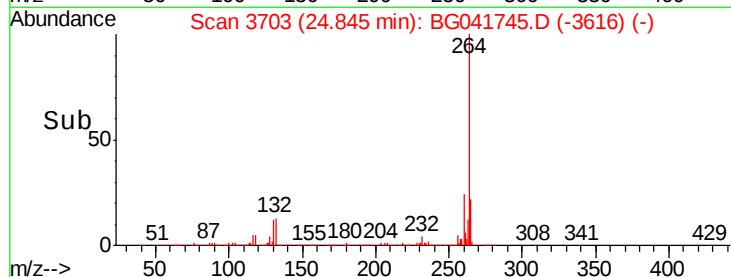
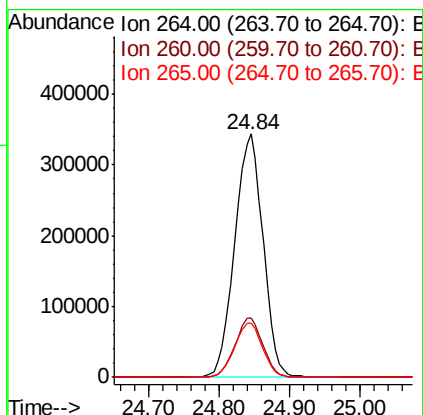
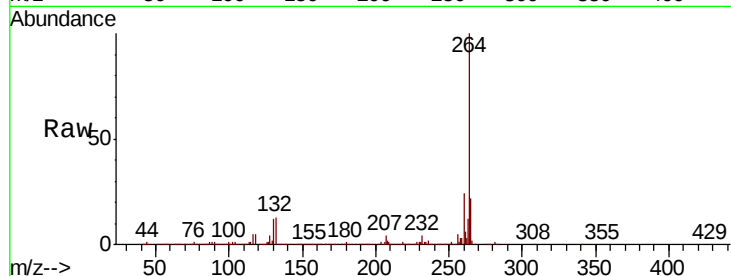




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

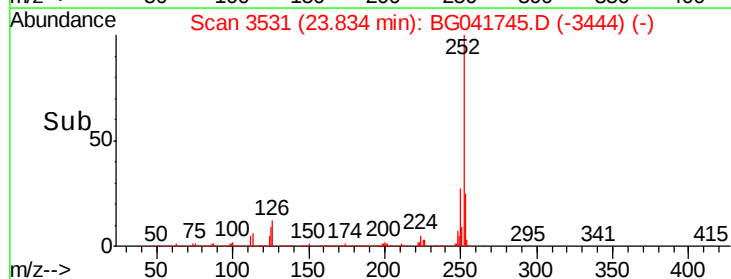
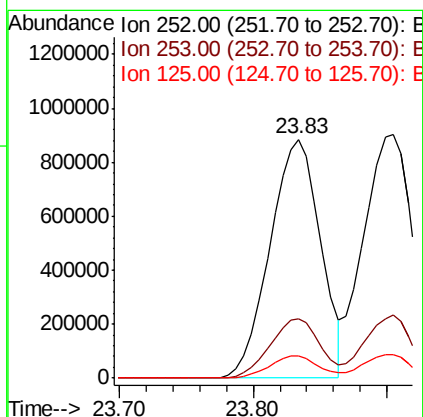
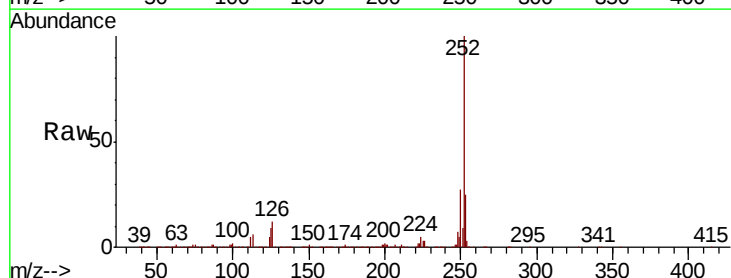
Instrument :
BNA_G
ClientSampleId :

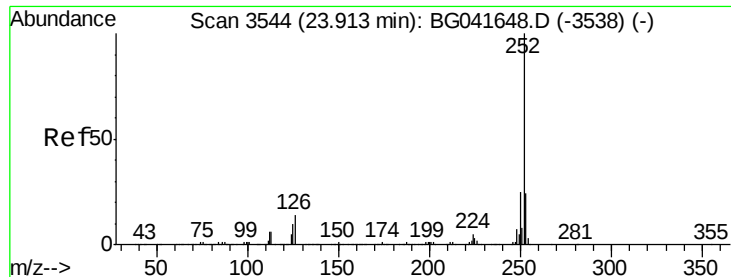
Tot Ion:264 Resp: 959212
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 22.4 18.0 27.0



#88
Benzo(b)fluoranthene
Concen: 39.857 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.02 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion:252 Resp: 2318992
Ion Ratio Lower Upper
252 100
253 24.7 20.6 30.8
125 9.5 8.0 12.0

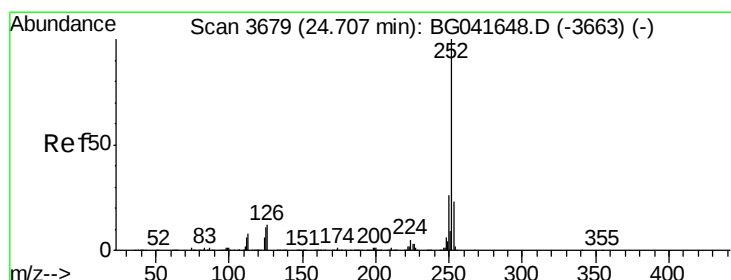
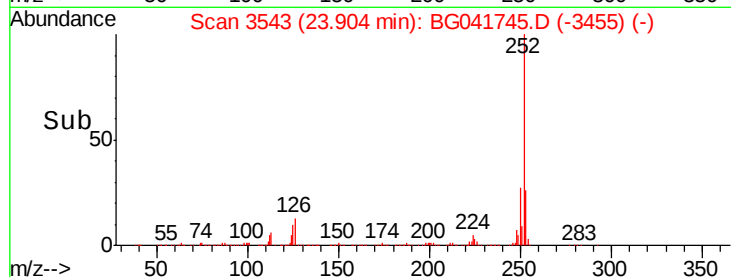
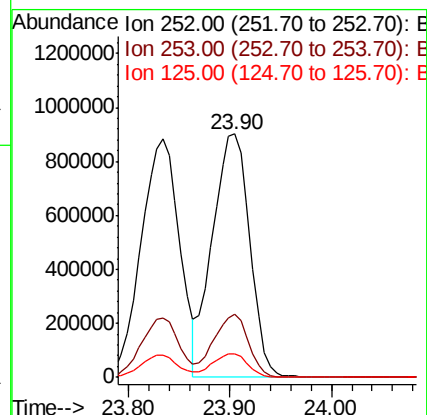
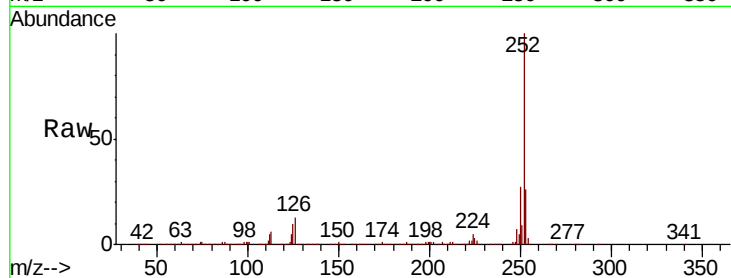




#89
Benzo(k)fluoranthene
Concen: 42.613 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

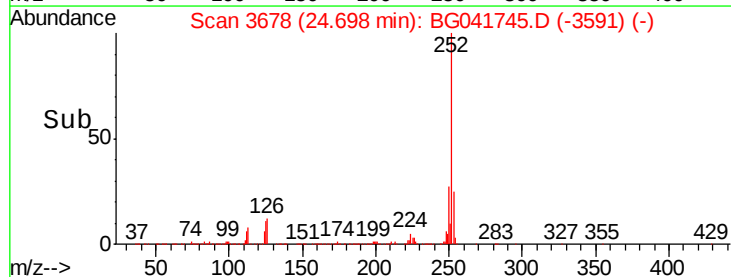
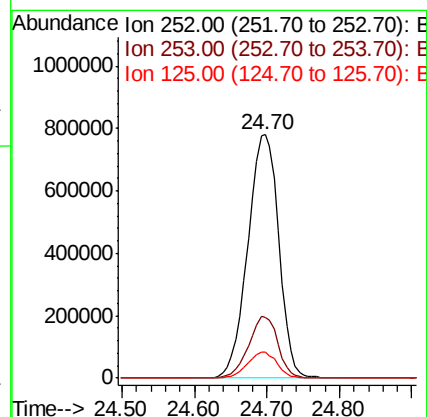
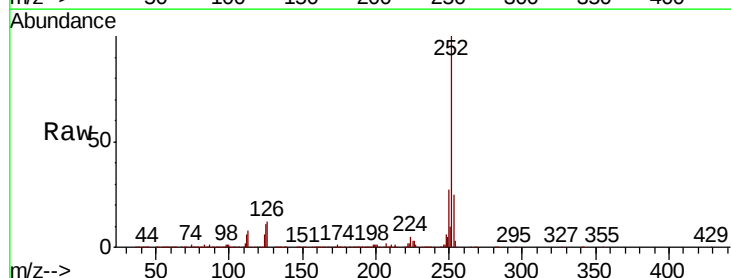
Instrument :
BNA_G
ClientSampleId :

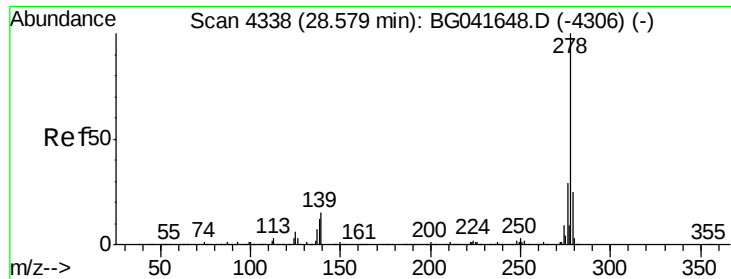
Tot Ion:252 Resp: 2297421
Ion Ratio Lower Upper
252 100
253 26.0 20.5 30.7
125 9.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 41.937 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041745.D
Acq: 22 Jul 2019 12:09

Tgt Ion:252 Resp: 2308628
Ion Ratio Lower Upper
252 100
253 24.7 19.8 29.8
125 10.7 8.8 13.2



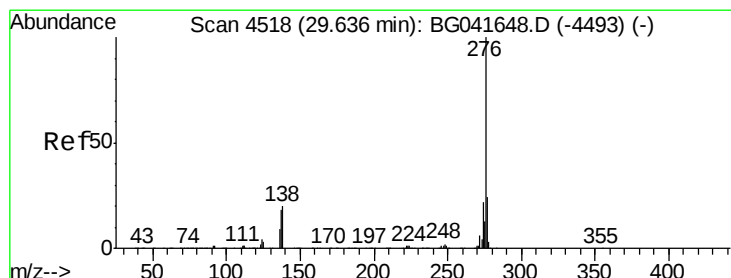
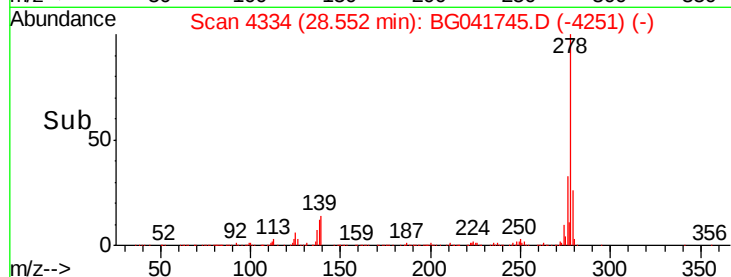
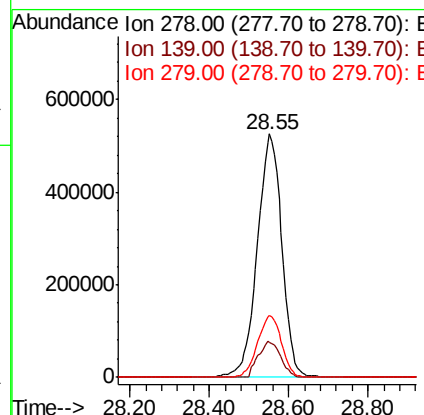
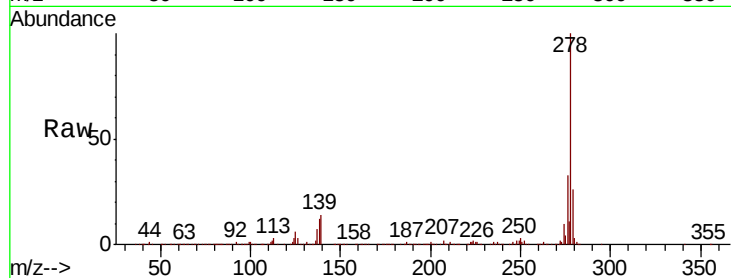


#91
 Dibenzo(a,h)anthracene
 Concen: 42.392 ng
 RT: 28.55 min Scan# 4334
 Delta R.T. -0.04 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:278 Resp: 2262686

Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.6	19.0
279	25.5	20.5	30.7



#92
 Benzo(g,h,i)perylene
 Concen: 42.923 ng
 RT: 29.63 min Scan# 4518
 Delta R.T. -0.03 min
 Lab File: BG041745.D
 Acq: 22 Jul 2019 12:09

Tgt Ion:276 Resp: 2295913

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.8
138	18.6	16.6	25.0

