

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044152.D
 Acq On : 22 Jan 2020 10:08
 Operator : JU
 Sample : PB126234BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 22 11:02:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	87835	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	366745	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	231826	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	482247	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	411856	20.00	ng	-0.03
87) Perylene-d12	24.66	264	465969	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	694248	145.13	ng	-0.03
7) Phenol-d6	7.10	99	918445	137.35	ng	-0.02
23) Nitrobenzene-d5	9.08	82	481955	70.30	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	327275	134.90	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1062814	83.06	ng	-0.03
79) Terphenyl-d14	19.92	244	1462828	85.87	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	82373	39.492	ng	97
3) Pyridine	3.78	79	210799	34.211	ng	95
4) n-Nitrosodimethylamine	3.70	42	105836	38.579	ng	98
6) Aniline	7.25	93	269786	30.717	ng	98
8) 2-Chlorophenol	7.50	128	257326	45.820	ng	98
9) Benzaldehyde	7.06	77	131229	30.663	ng	98
10) Phenol	7.13	94	317988	46.155	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	240587	40.455	ng	98
12) 1,3-Dichlorobenzene	7.82	146	262817	39.991	ng	99
13) 1,4-Dichlorobenzene	7.97	146	267419	41.241	ng	98
14) 1,2-Dichlorobenzene	8.28	146	253930	40.799	ng	99
15) Benzyl Alcohol	8.16	79	216026	40.934	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	327190	35.561	ng	99
17) 2-Methylphenol	8.38	107	221702	44.468	ng	97
18) Hexachloroethane	9.02	117	99993	39.630	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	189961	38.147	ng	98
20) 3+4-Methylphenols	8.71	107	306976	44.137	ng	98
22) Acetophenone	8.75	105	354721	38.905	ng	99
24) Nitrobenzene	9.13	77	272068	40.069	ng	96
25) Isophorone	9.65	82	514272	39.985	ng	98
26) 2-Nitrophenol	9.84	139	144254	44.905	ng	99
27) 2,4-Dimethylphenol	9.90	122	249084	51.510	ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	330580	38.553	ng	99
29) 2,4-Dichlorophenol	10.38	162	252501	43.775	ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	257109	39.754	ng	97
31) Naphthalene	10.78	128	763043	42.995	ng	99
32) Benzoic acid	10.06	122	110650	30.695	ng	95
33) 4-Chloroaniline	10.89	127	184033	21.741	ng	98
34) Hexachlorobutadiene	11.08	225	149971	37.979	ng	97
35) Caprolactam	11.65	113	66762	31.091	ng	97
36) 4-Chloro-3-methylphenol	12.02	107	264457	43.068	ng	97
37) 2-Methylnaphthalene	12.39	142	568228	42.528	ng	96
38) 1-Methylnaphthalene	12.61	142	541591	42.768	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	270051	39.744	ng	99

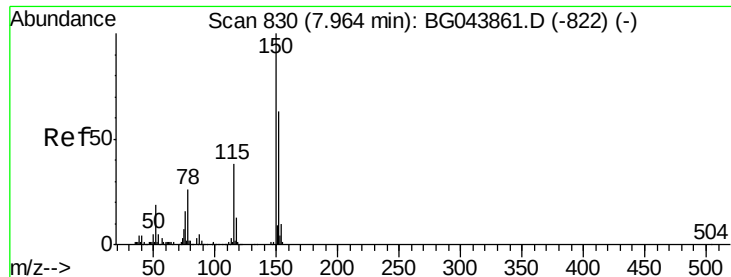
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044152.D
 Acq On : 22 Jan 2020 10:08
 Operator : JU
 Sample : PB126234BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Jan 22 11:02:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	357541	101.496	ng	97
43) 2,4,6-Trichlorophenol	13.00	196	196218	41.968	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	209027	43.348	ng	97
46) 1,1'-Biphenyl	13.40	154	708342	42.616	ng	98
47) 2-Chloronaphthalene	13.44	162	556986	41.469	ng	97
48) 2-Nitroaniline	13.64	65	165695	38.351	ng	94
49) Acenaphthylene	14.29	152	877152	45.437	ng	97
50) Dimethylphthalate	14.02	163	683031	41.495	ng	98
51) 2,6-Dinitrotoluene	14.13	165	155532	41.804	ng	96
52) Acenaphthene	14.63	154	540819	39.948	ng	98
53) 3-Nitroaniline	14.46	138	120233	28.458	ng	100
54) 2,4-Dinitrophenol	14.67	184	149183	78.796	ng	97
55) Dibenzofuran	14.96	168	822995	44.160	ng	98
56) 4-Nitrophenol	14.79	139	280490	86.636	ng	95
57) 2,4-Dinitrotoluene	14.92	165	216146	42.696	ng	99
58) Fluorene	15.62	166	646645	43.776	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	180006	43.412	ng	97
60) Diethylphthalate	15.39	149	689460	41.877	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	331064	41.275	ng	98
62) 4-Nitroaniline	15.63	138	157664	37.789	ng	97
63) Azobenzene	15.90	77	654755	42.883	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	121787	48.923	ng	97
66) n-Nitrosodiphenylamine	15.82	169	597706	42.087	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	214105	39.475	ng	96
68) Hexachlorobenzene	16.63	284	232110	39.716	ng	96
69) Atrazine	16.77	200	217602	47.138	ng	97
70) Pentachlorophenol	16.97	266	244776	75.978	ng	98
71) Phenanthrene	17.35	178	1012981	43.793	ng	97
72) Anthracene	17.44	178	1047261	45.812	ng	96
73) Carbazole	17.71	167	927249	43.912	ng	96
74) Di-n-butylphthalate	18.28	149	1151973	42.728	ng	98
75) Fluoranthene	19.36	202	1153726	43.613	ng	96
77) Benzidine	19.54	184	492048	47.530	ng	100
78) Pyrene	19.72	202	1157114	43.042	ng	96
80) Butylbenzylphthalate	20.62	149	528924	41.325	ng	95
81) Benzo(a)anthracene	21.54	228	1112455	43.561	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	312640	30.987	ng	99
83) Chrysene	21.60	228	1048463	43.207	ng	94
84) Bis(2-ethylhexyl)phthalate	21.46	149	750863	42.517	ng	96
85) Di-n-octyl phthalate	22.64	149	1308712	44.080	ng	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1350822	40.962	ng	99
88) Benzo(b)fluoranthene	23.68	252	1168938	42.434	ng	98
89) Benzo(k)fluoranthene	23.75	252	1121273	42.804	ng	97
90) Benzo(a)pyrene	24.52	252	1076174	41.392	ng	96
91) Dibenzo(a,h)anthracene	28.24	278	1107659	42.421	ng	97
92) Benzo(g,h,i)perylene	29.29	276	1132966	43.682	ng	96

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

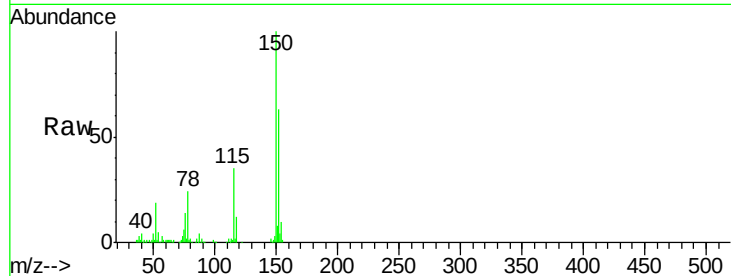


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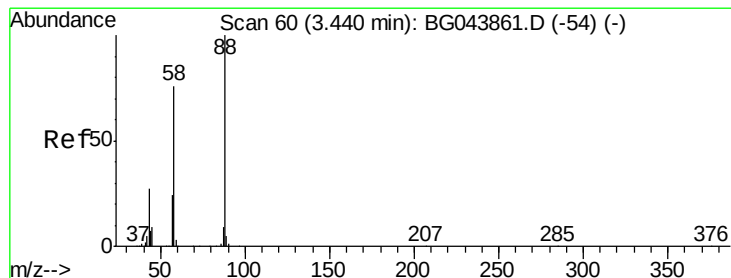
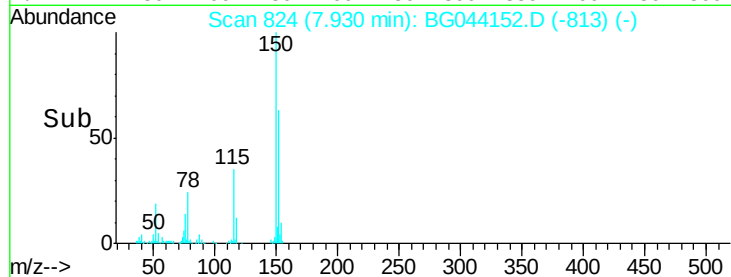
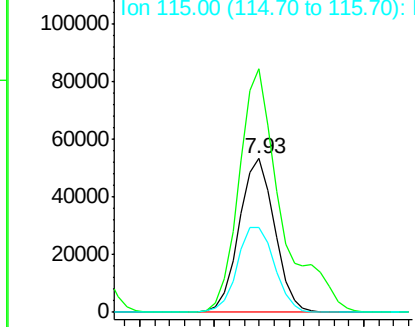
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 87835
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.4
115 54.9 47.8 71.8



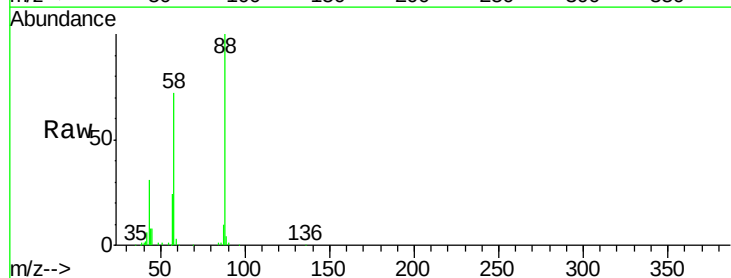
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



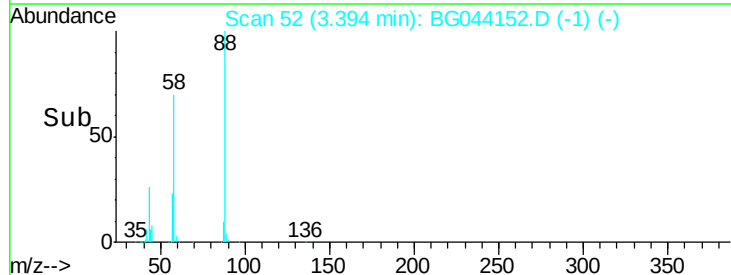
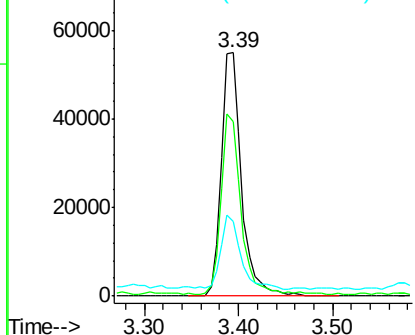
#2

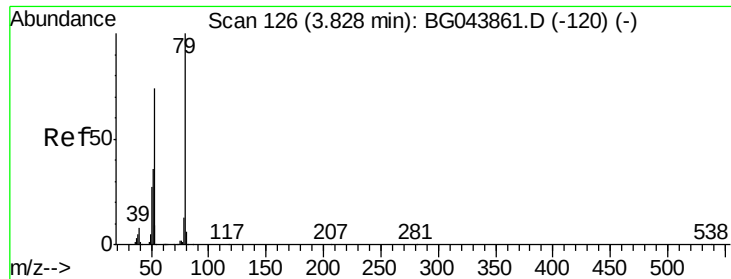
1,4-Dioxane
Concen: 39.492 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion: 88 Resp: 82373
Ion Ratio Lower Upper
88 100
58 72.1 59.8 89.8
43 29.4 22.9 34.3



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: 34.211 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.05 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

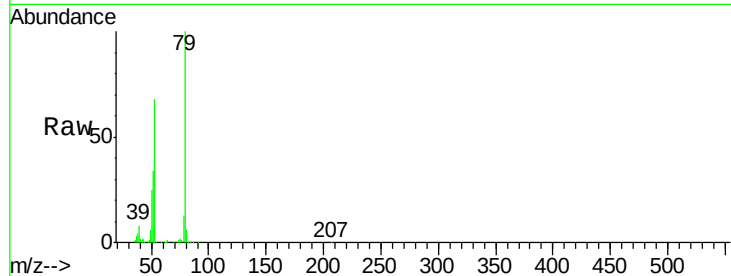
Tot Ion: 79 Resp: 210799

Ion Ratio Lower Upper

79 100

52 68.4 58.9 88.3

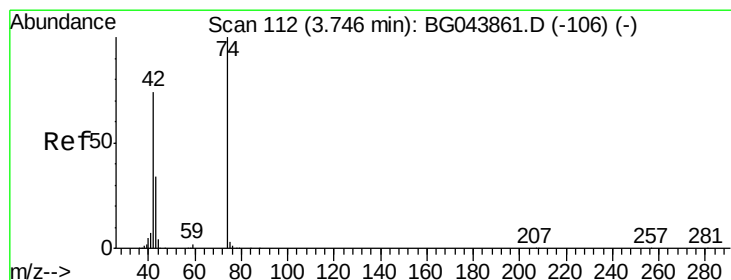
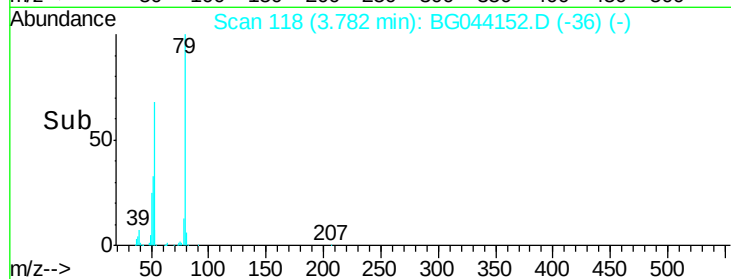
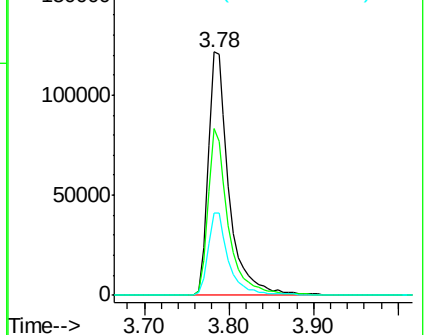
51 33.7 28.6 43.0



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: 38.579 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.05 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

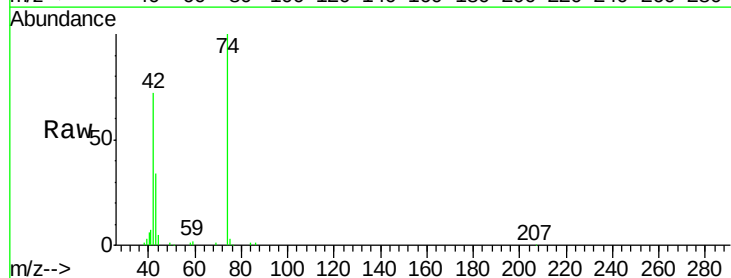
Tgt Ion: 42 Resp: 105836

Ion Ratio Lower Upper

42 100

74 138.5 108.6 162.8

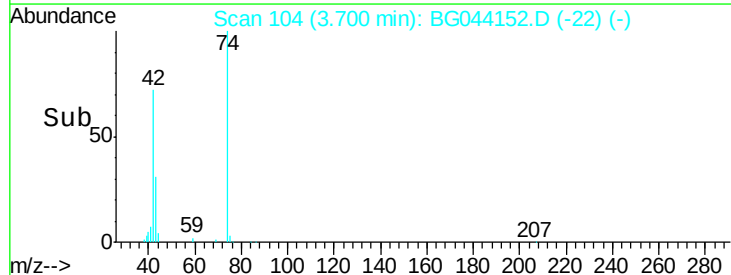
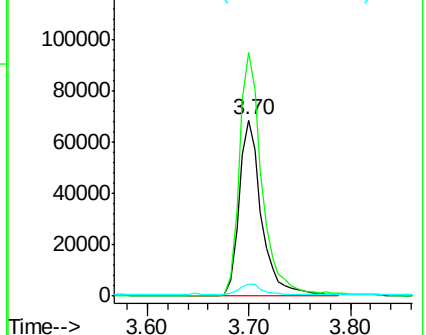
44 7.0 5.0 7.6

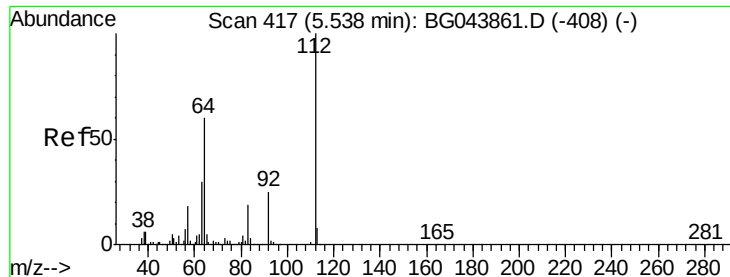


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 145.127 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

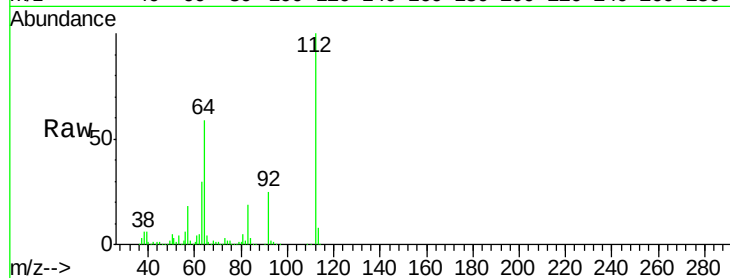
Tot Ion:112 Resp: 694248

Ion Ratio Lower Upper

112 100

64 58.7 47.8 71.6

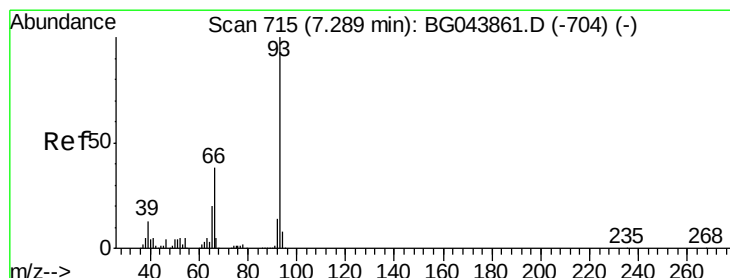
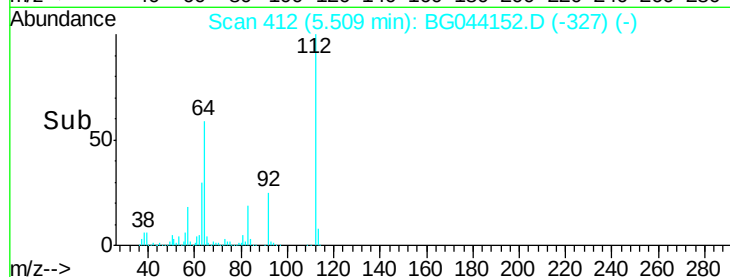
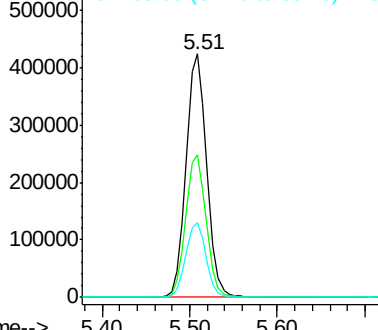
63 30.4 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 30.717 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

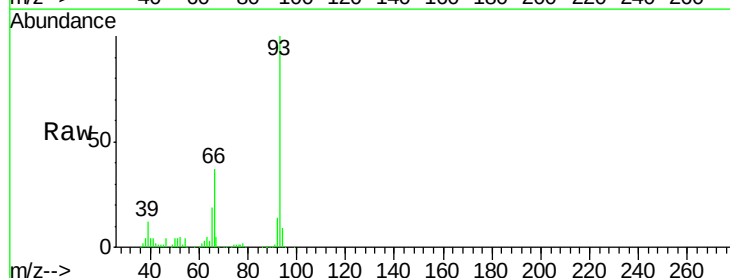
Tgt Ion: 93 Resp: 269786

Ion Ratio Lower Upper

93 100

66 37.5 30.8 46.2

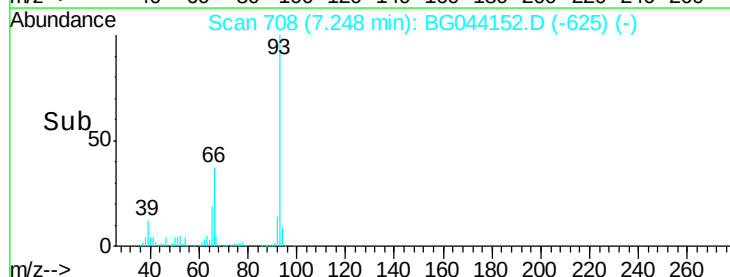
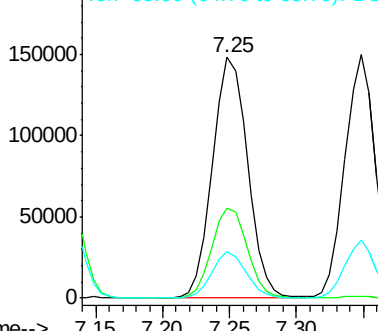
65 19.1 16.0 24.0

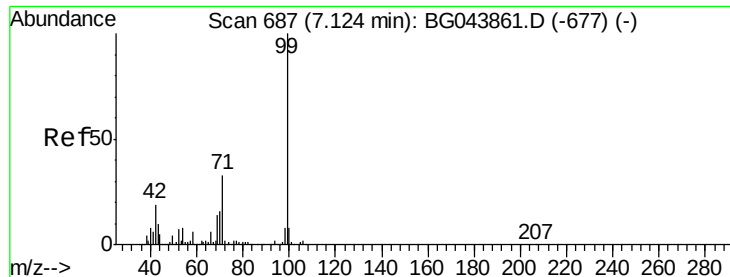


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 137.352 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

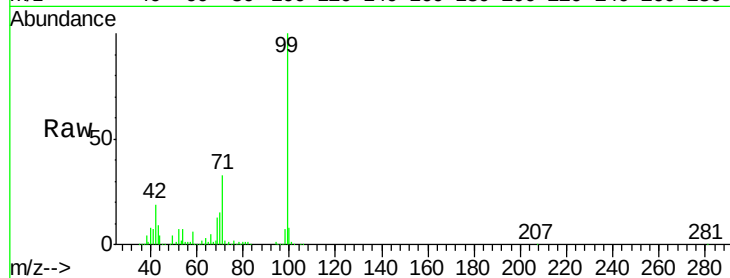
Tot Ion: 99 Resp: 918445

Ion Ratio Lower Upper

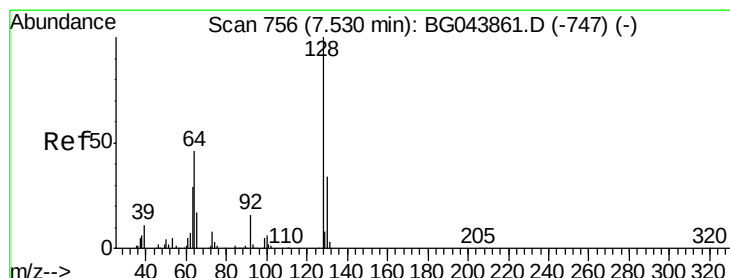
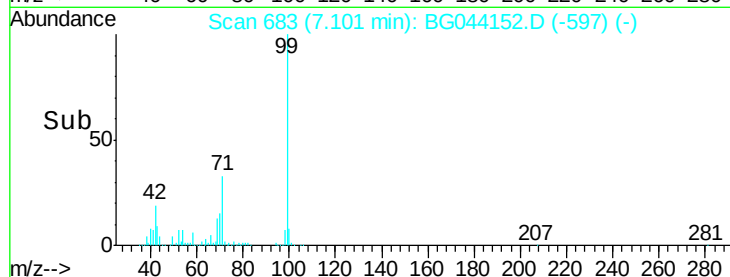
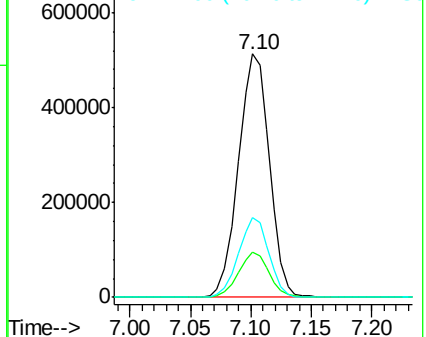
99 100

42 18.7 14.9 22.3

71 32.5 26.4 39.6



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: 45.820 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

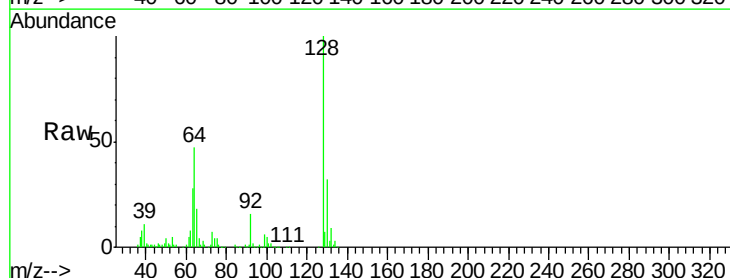
Tgt Ion: 128 Resp: 257326

Ion Ratio Lower Upper

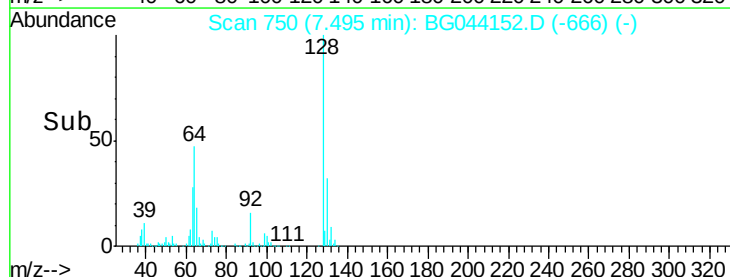
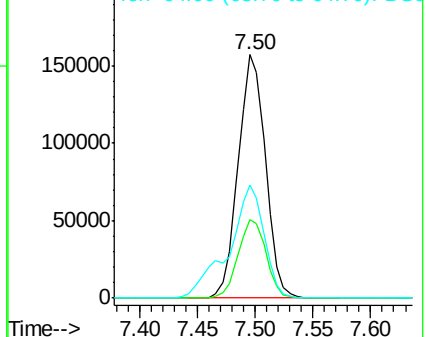
128 100

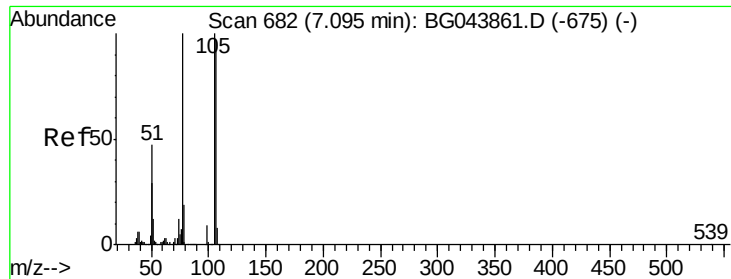
130 32.1 13.8 53.8

64 46.7 27.6 67.6



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: 30.663 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

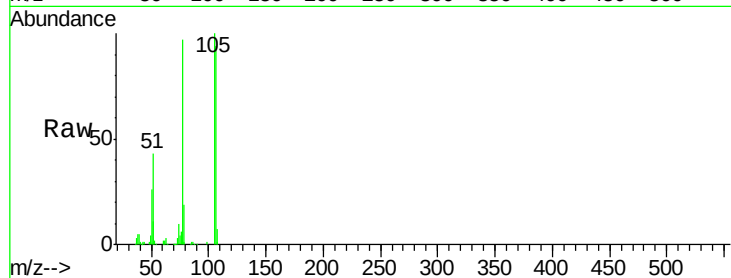
Tot Ion: 77 Resp: 131229

Ion Ratio Lower Upper

77 100

105 103.2 80.2 120.2

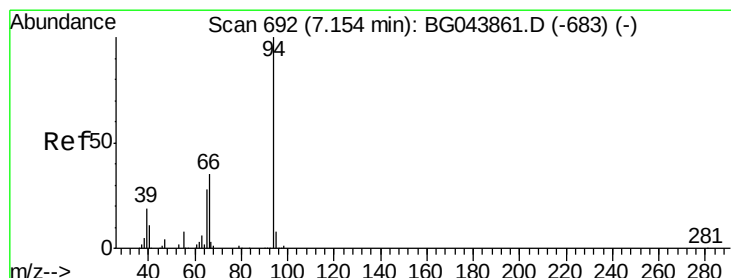
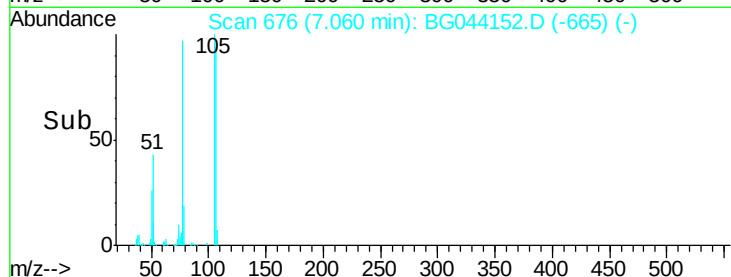
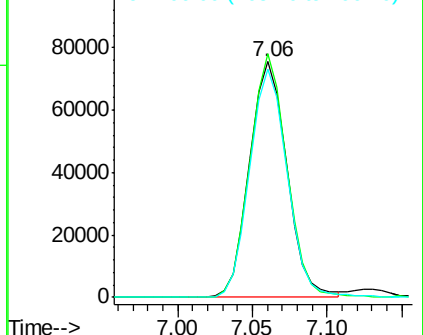
106 96.8 77.2 117.2



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: 46.155 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

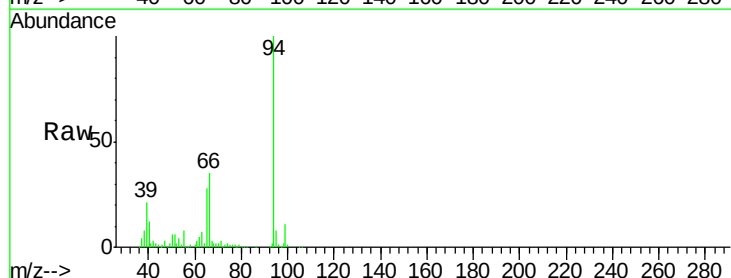
Tgt Ion: 94 Resp: 317988

Ion Ratio Lower Upper

94 100

65 27.7 8.1 48.1

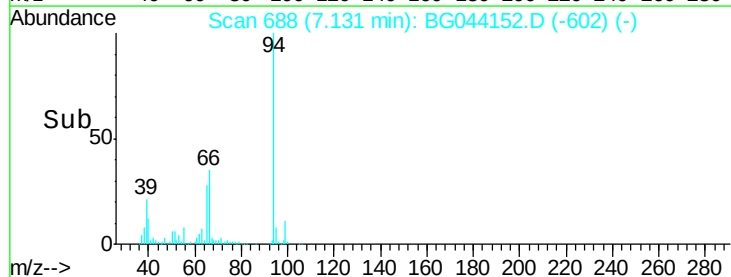
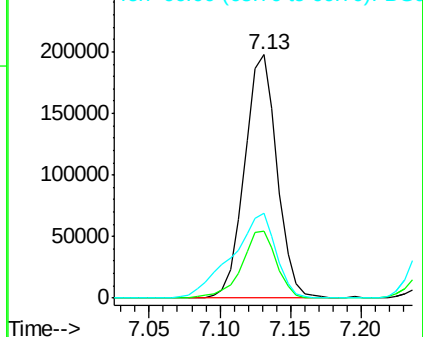
66 34.9 15.6 55.6

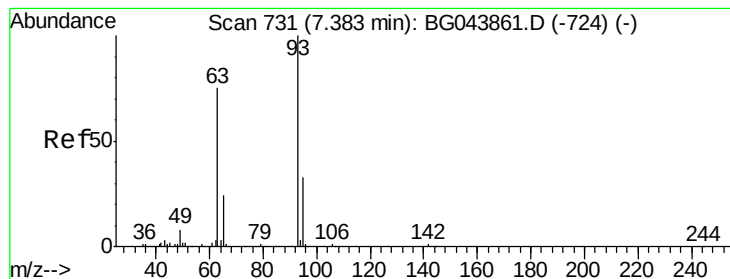


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.455 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

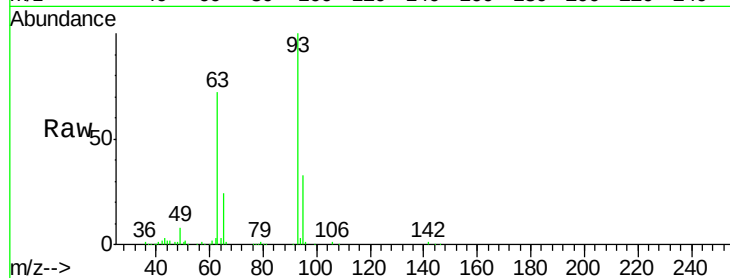
Tot Ion: 93 Resp: 240587

Ion Ratio Lower Upper

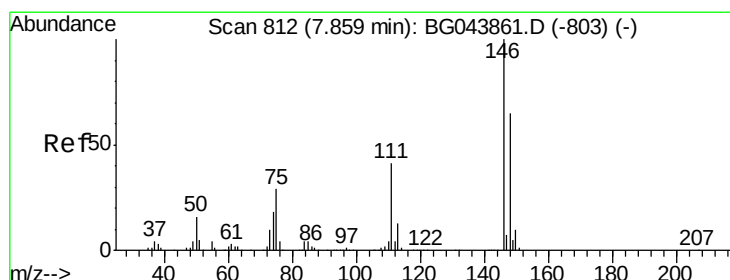
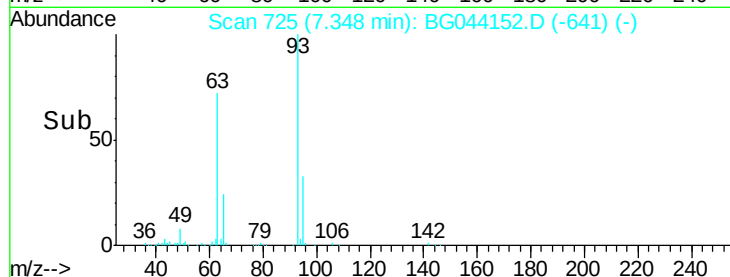
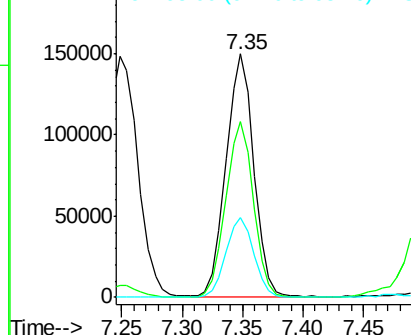
93 100

63 72.3 55.0 95.0

95 33.0 13.3 53.3



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: 39.991 ng

RT: 7.82 min Scan# 805

Delta R.T. -0.04 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

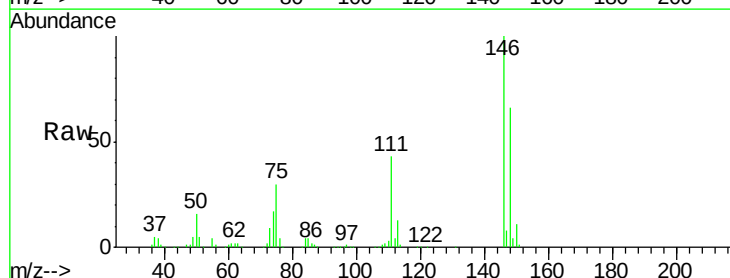
Tgt Ion: 146 Resp: 262817

Ion Ratio Lower Upper

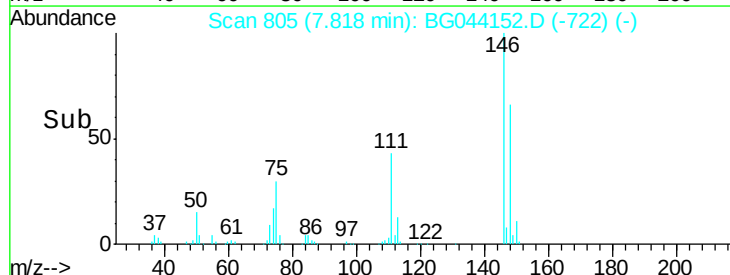
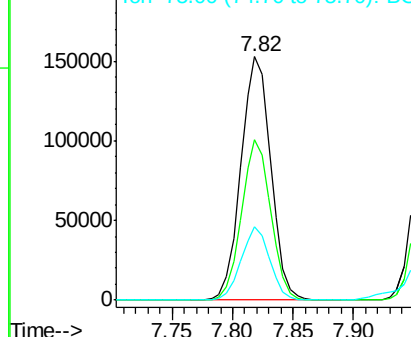
146 100

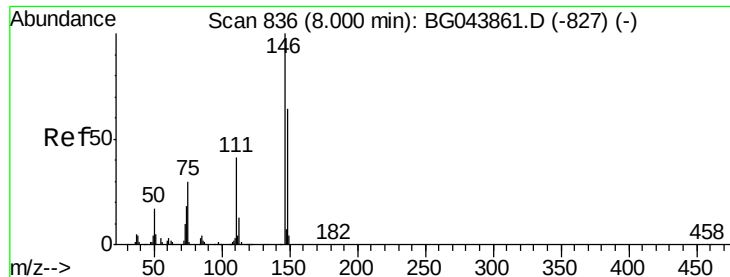
148 65.6 52.1 78.1

75 30.2 23.0 34.4



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

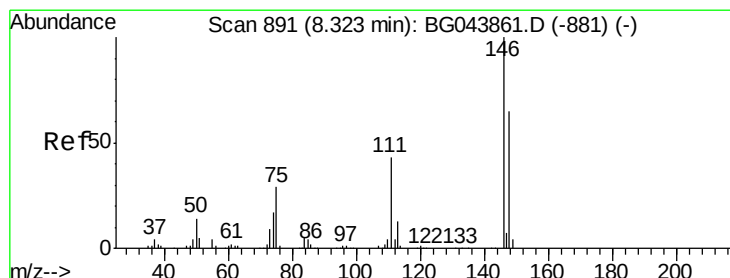
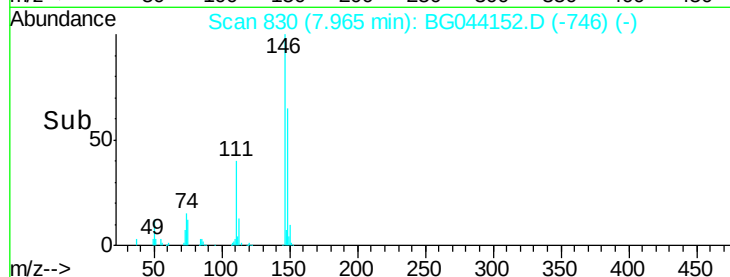
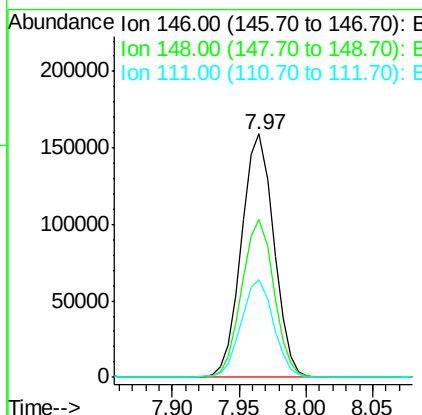
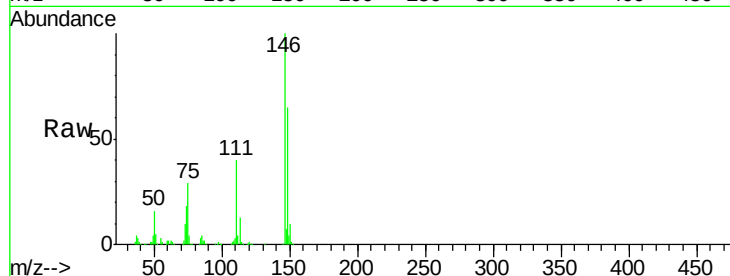




#13
 1,4-Dichlorobenzene
 Concen: 41.241 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

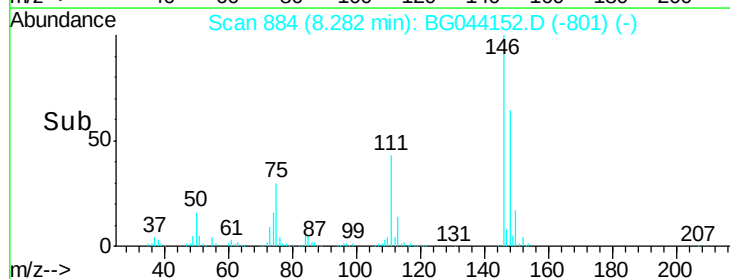
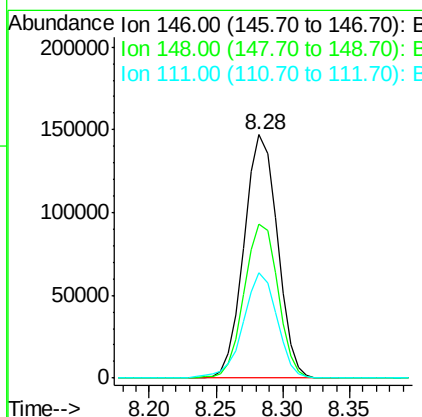
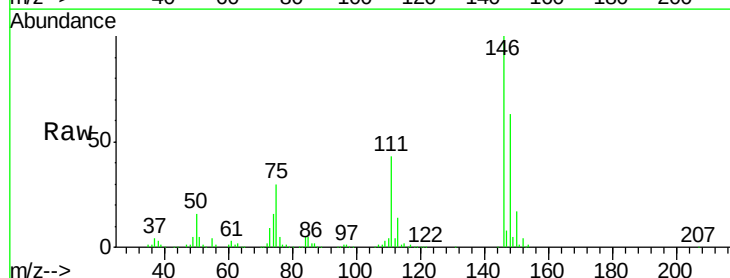
Instrument :
 BNA_G
 ClientSampleId :

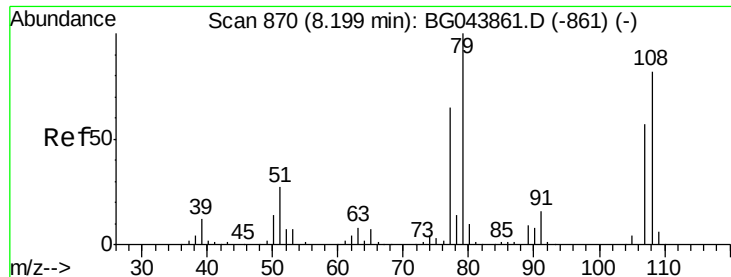
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	39.9	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 40.799 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.7	77.5
111	43.1	34.4	51.6





#15

Benzyl Alcohol

Concen: 40.934 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

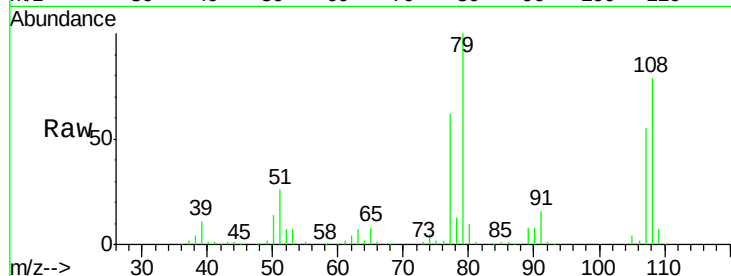
Tot Ion: 79 Resp: 216026

Ion Ratio Lower Upper

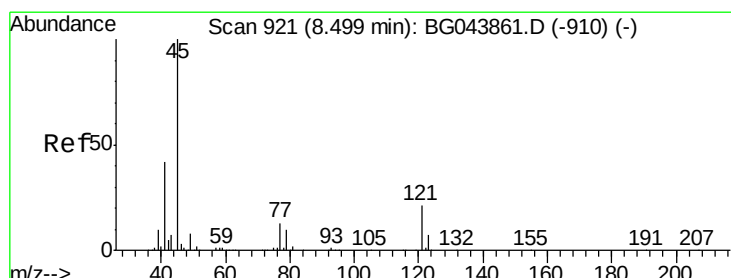
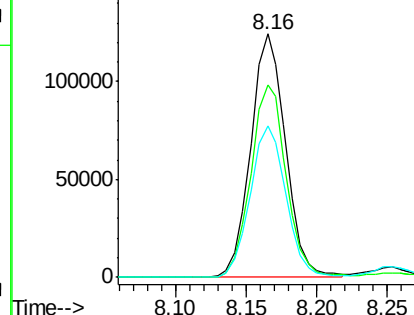
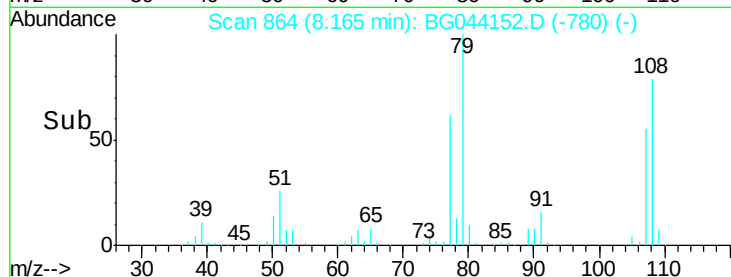
79 100

108 79.1 65.6 98.4

77 62.2 52.0 78.0



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: 35.561 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

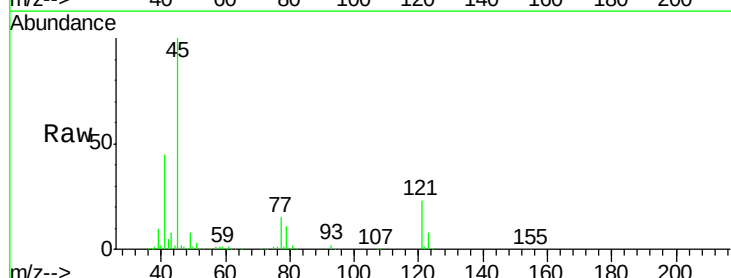
Tgt Ion: 45 Resp: 327190

Ion Ratio Lower Upper

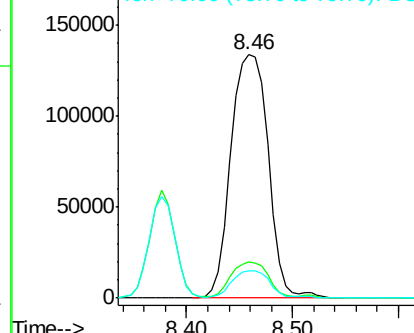
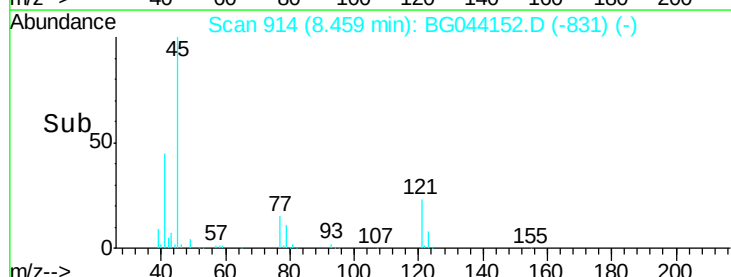
45 100

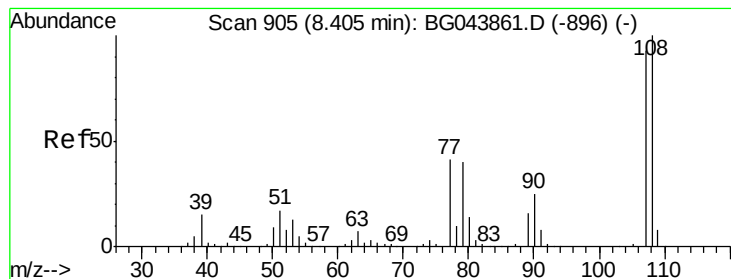
77 14.8 0.0 33.8

79 11.0 0.0 31.0



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





#17

2-Methylphenol

Concen: 44.468 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 221702

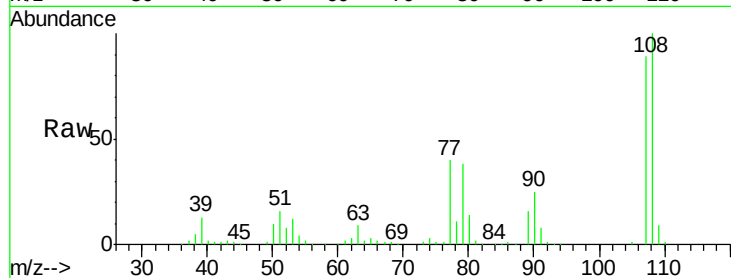
Ion Ratio Lower Upper

107 100

108 111.9 86.1 129.1

77 44.9 35.4 53.0

79 42.4 34.8 52.2

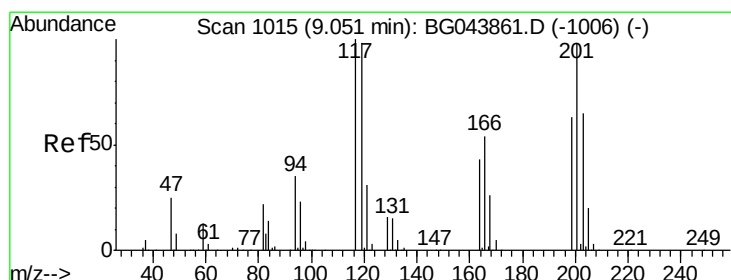
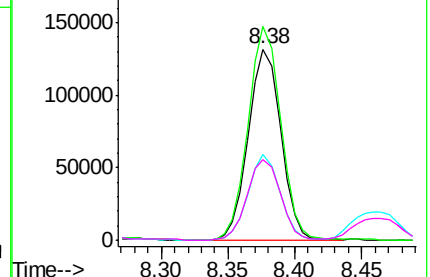
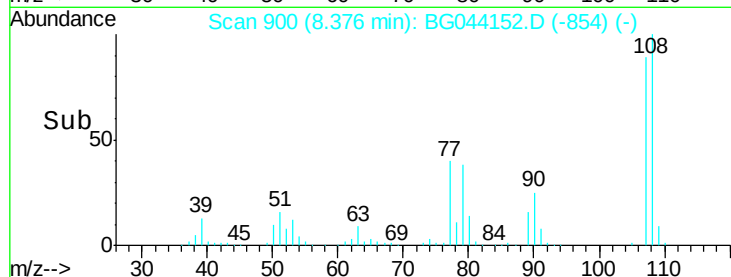


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.630 ng

RT: 9.02 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

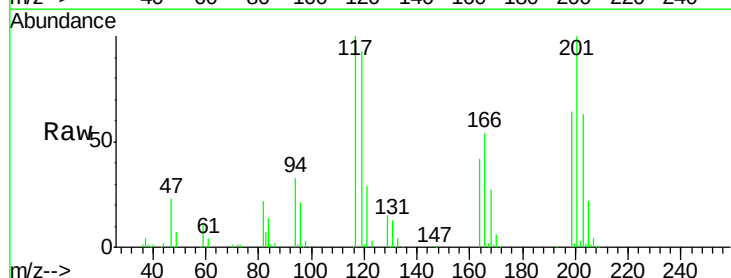
Tgt Ion:117 Resp: 99993

Ion Ratio Lower Upper

117 100

119 93.6 78.1 117.1

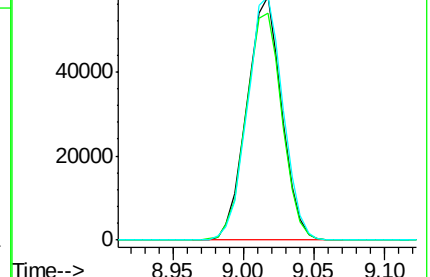
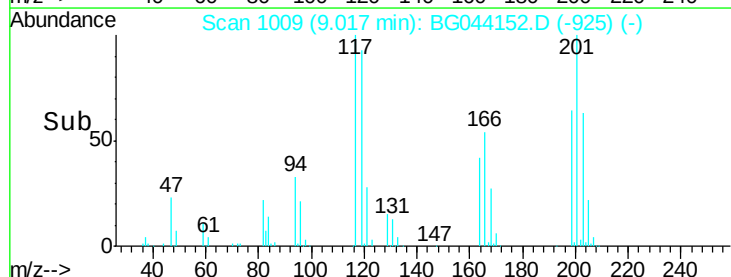
201 100.2 78.6 117.8

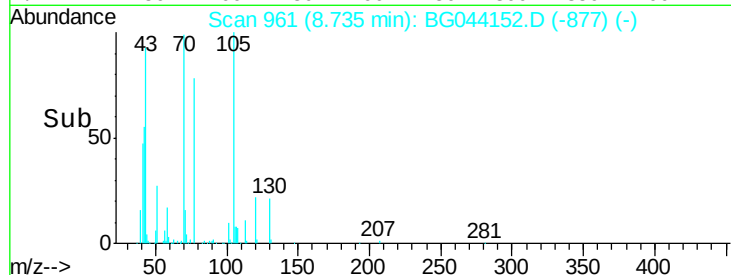
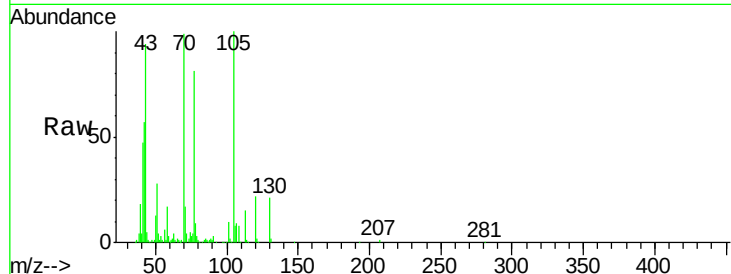
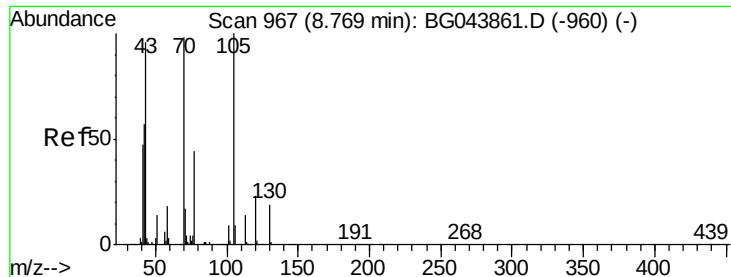


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

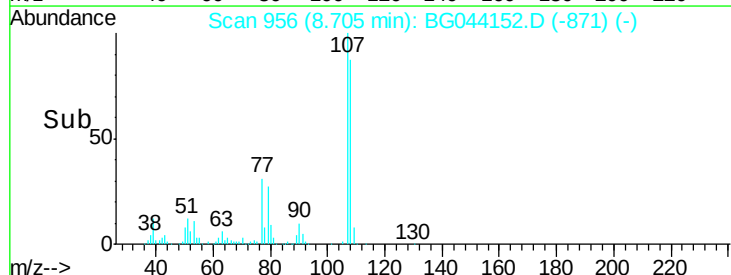
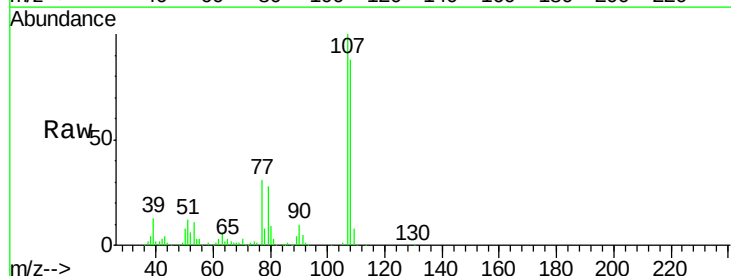
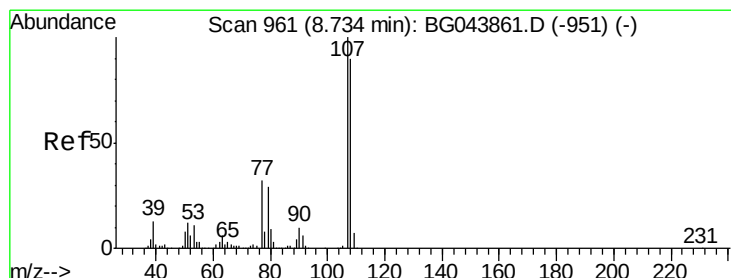
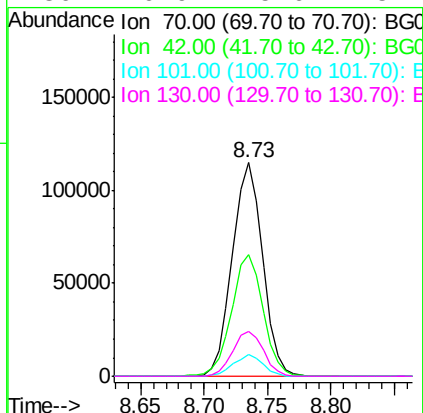




#19
n-Nitroso-di-n-propylamine
Concen: 38.147 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

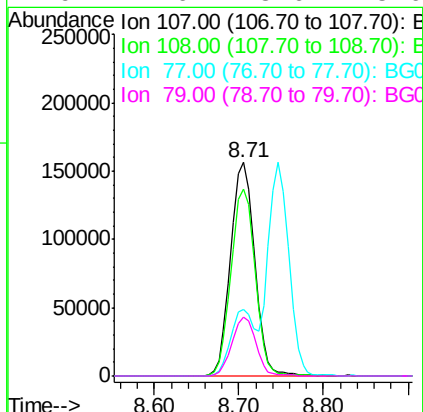
Instrument :
BNA_G
ClientSampleId :

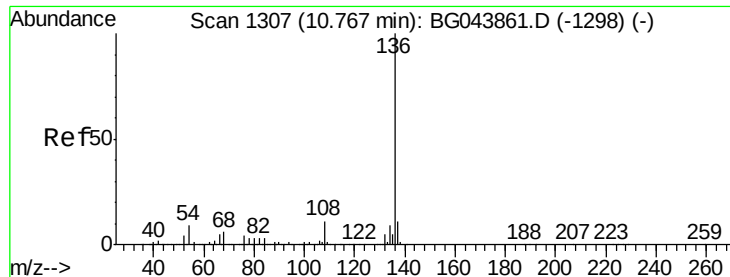
Tot Ion:	70	Resp:	189961
Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.0	70.4
101	10.2	7.2	10.8
130	20.9	15.6	23.4



#20
3+4-Methylphenols
Concen: 44.137 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion:	107	Resp:	306976
Ion	Ratio	Lower	Upper
107	100		
108	87.7	70.3	110.3
77	31.4	12.4	52.4
79	27.6	8.6	48.6

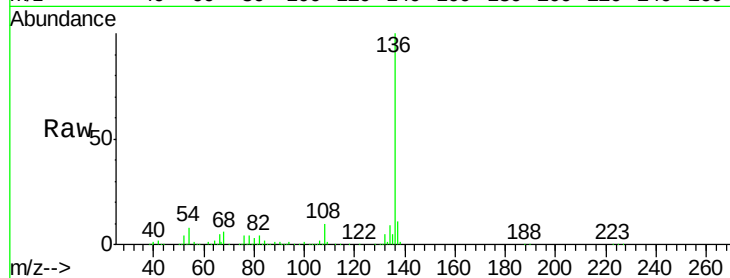




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	366745
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 7.7	7.0	10.4
68 5.8	4.9	7.3



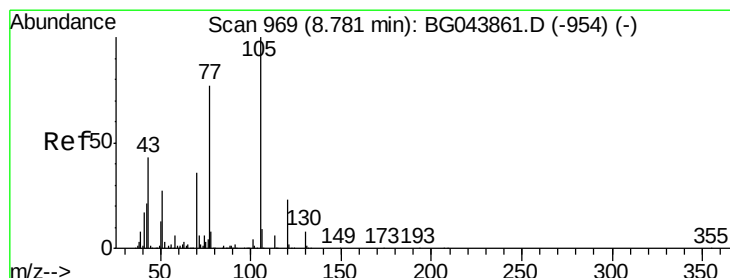
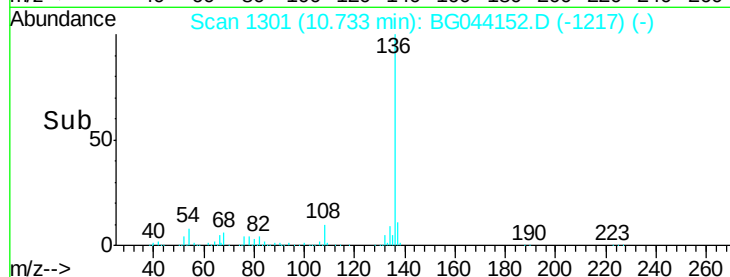
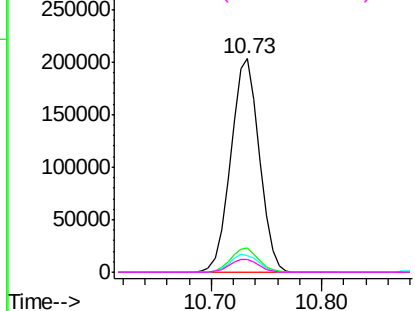
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

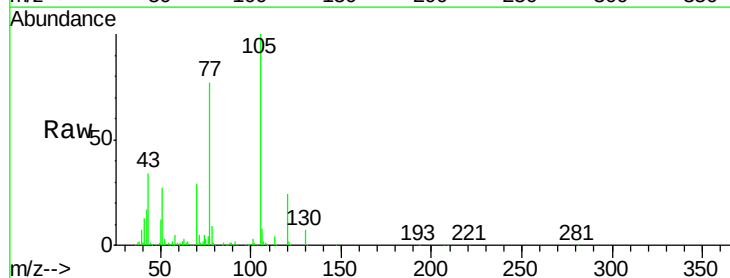
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.905 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt	Ion:105	Resp:	354721
Ion	Ratio	Lower	Upper
105	100		
71	5.0	4.8	7.2
51	26.8	21.4	32.0
120	24.1	18.6	28.0



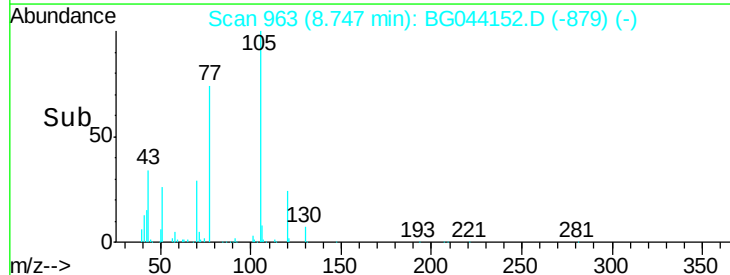
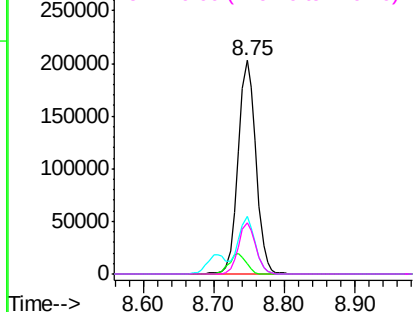
Abundance

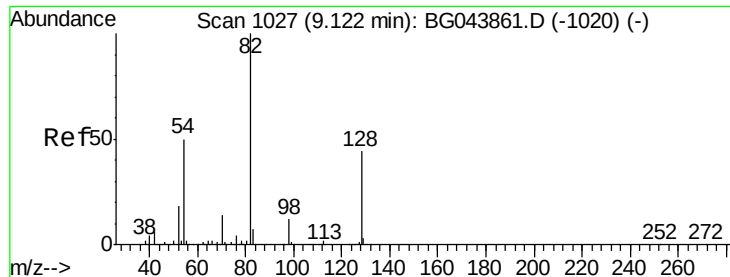
Ion 105.00 (104.70 to 105.70): E

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

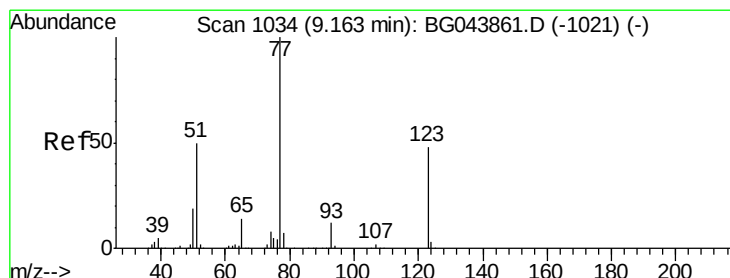
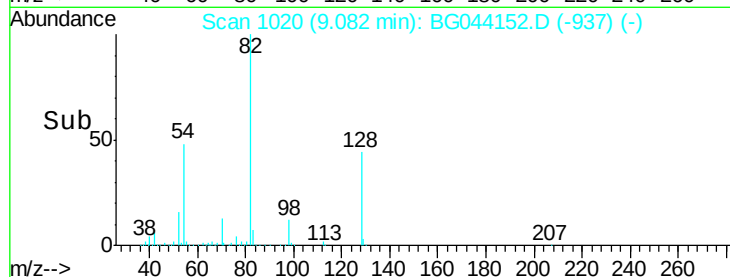
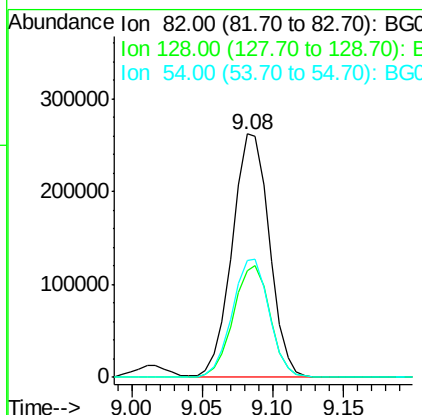
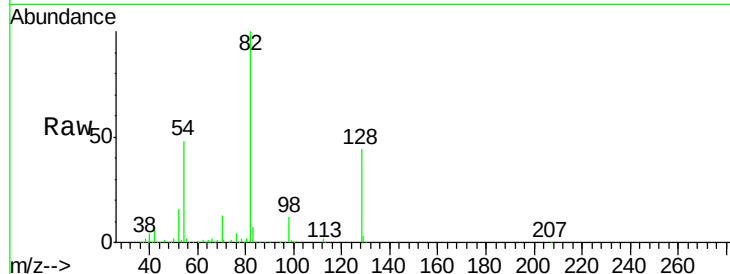




#23
 Nitrobenzene-d5
 Concen: 70.301 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

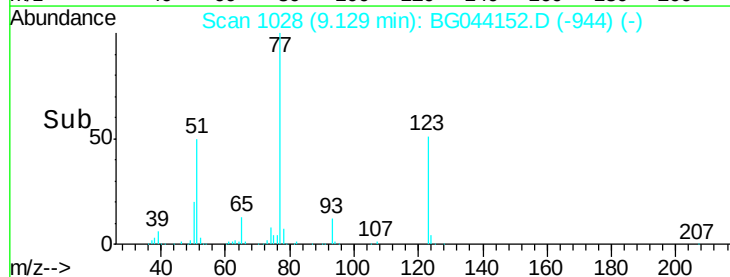
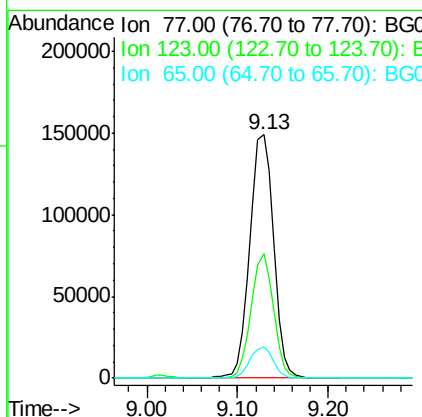
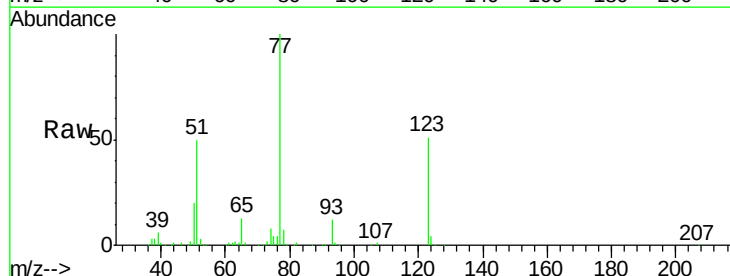
Instrument :
 BNA_G
 ClientSampleId :

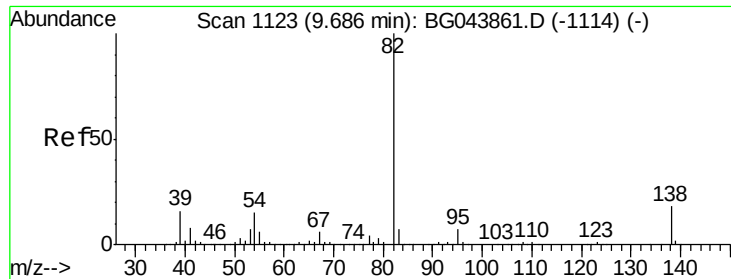
Tot Ion	82	Resp	481955
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.1	52.7
54	48.0	40.1	60.1



#24
 Nitrobenzene
 Concen: 40.069 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion	77	Resp	272068
Ion Ratio	Lower	Upper	
77	100		
123	51.2	38.7	58.1
65	13.0	11.1	16.7





#25

Isophorone

Concen: 39.985 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

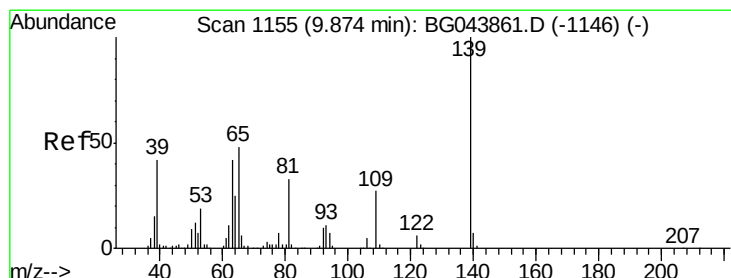
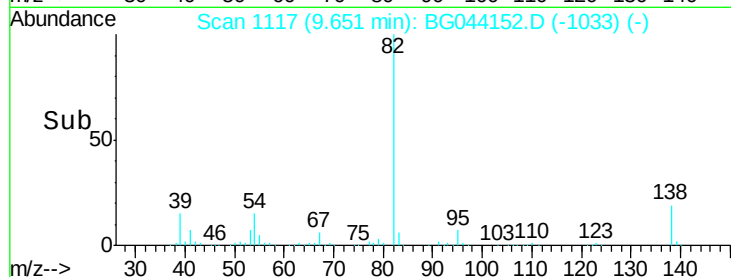
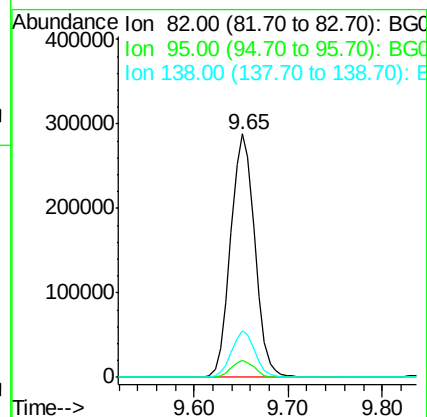
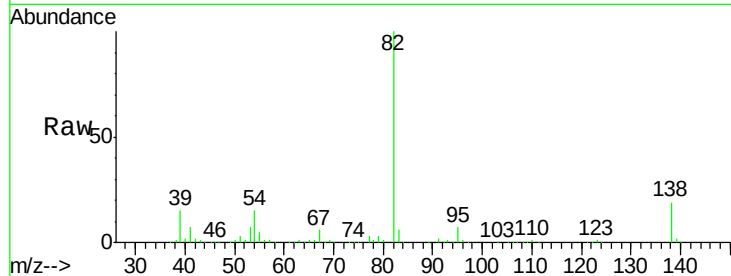
Tot Ion: 82 Resp: 514272

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 19.2 14.6 22.0



#26

2-Nitrophenol

Concen: 44.905 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

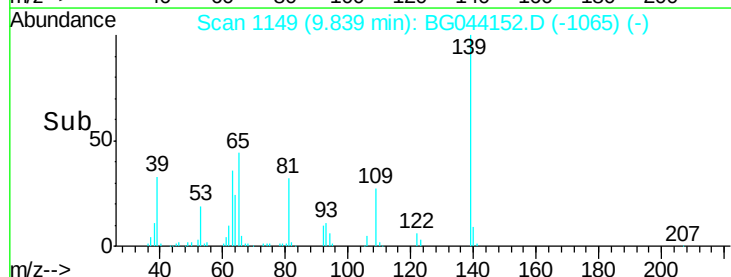
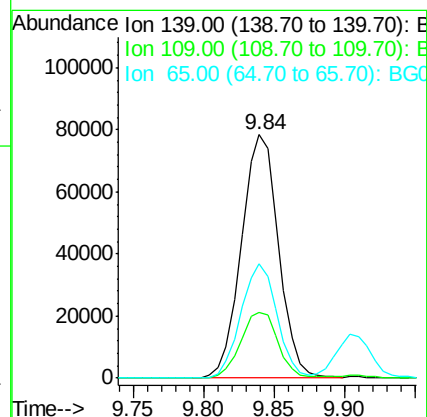
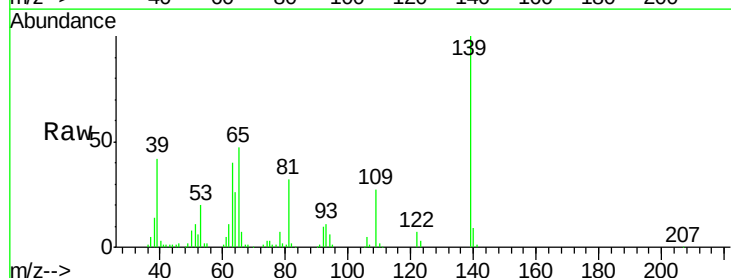
Tgt Ion: 139 Resp: 144254

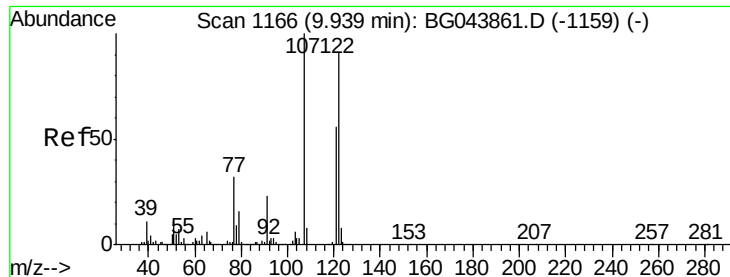
Ion Ratio Lower Upper

139 100

109 27.0 21.3 31.9

65 47.2 38.6 57.8

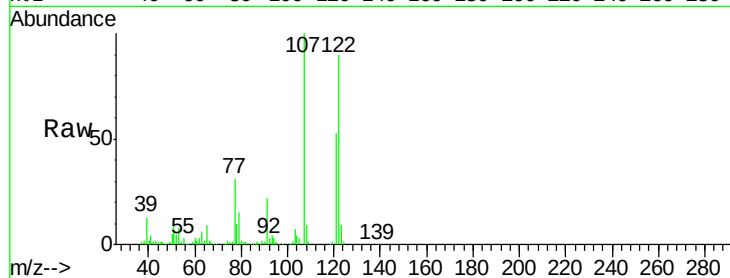




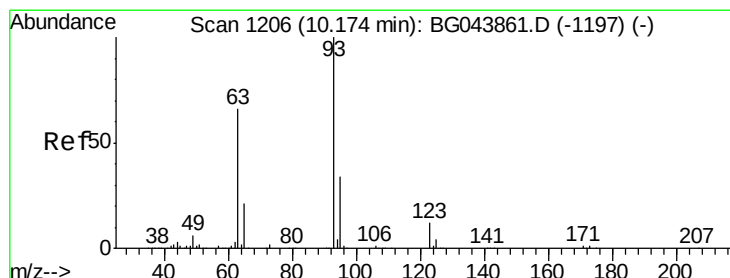
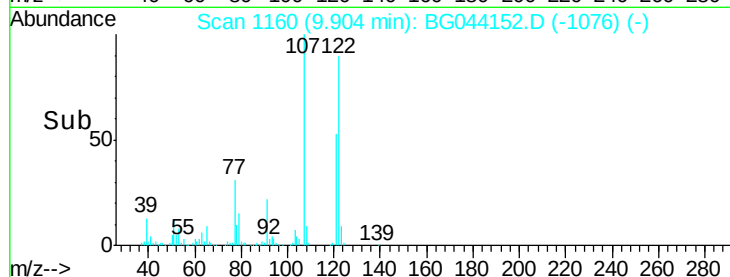
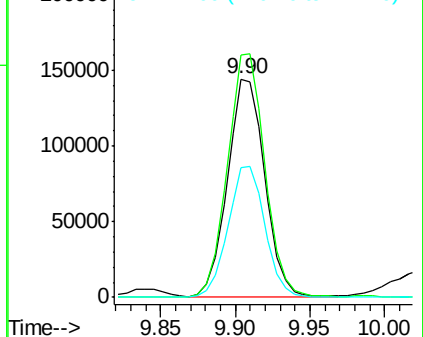
#27
 2,4-Dimethylphenol
 Concen: 51.510 ng
 RT: 9.90 min Scan# 1160
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.0	132.0
121	59.2	49.0	73.4

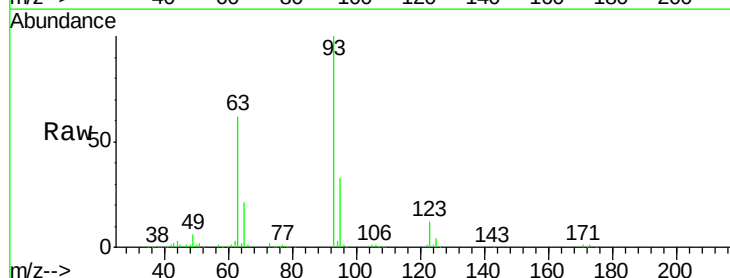


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

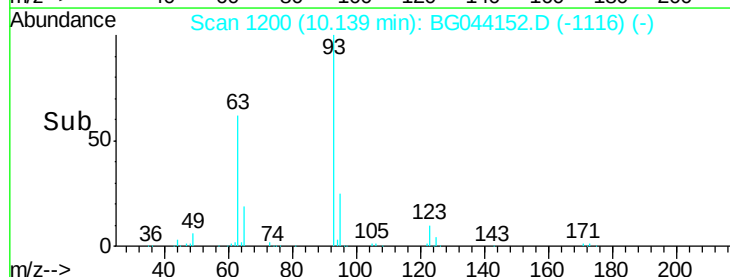
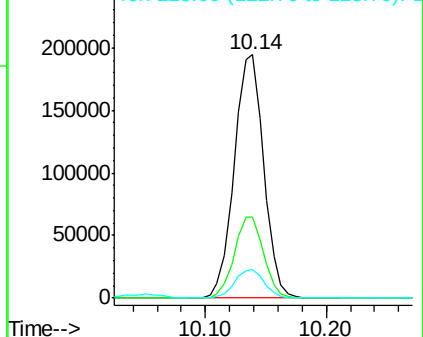


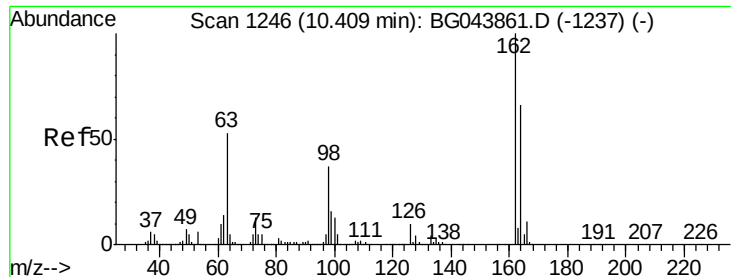
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.553 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.2	40.8
123	11.9	9.7	14.5



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

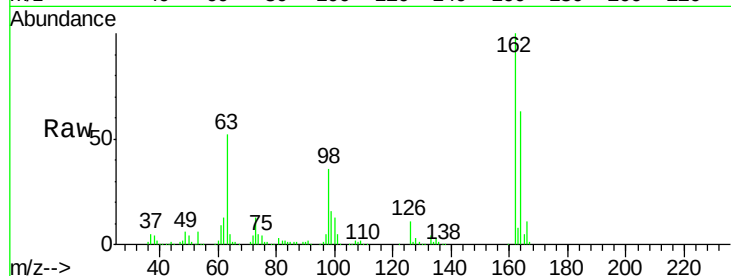




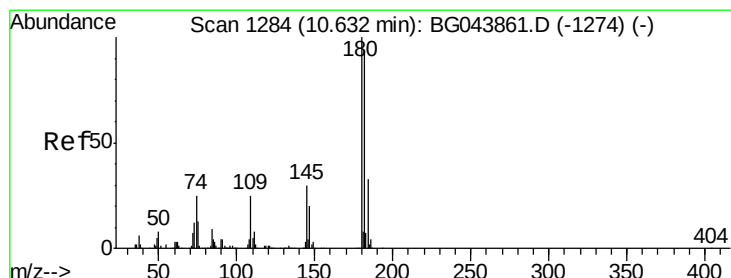
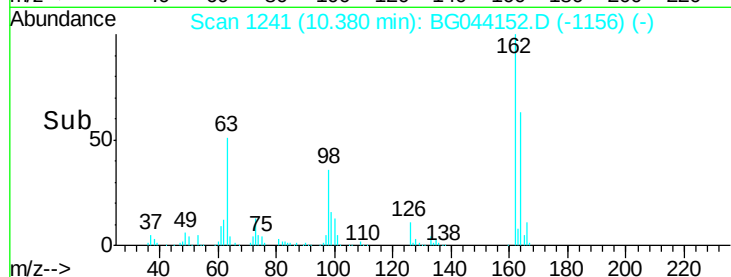
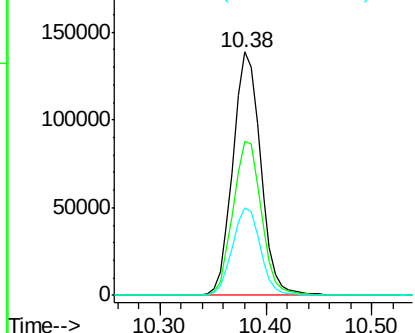
#29
 2,4-Dichlorophenol
 Concen: 43.775 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	46.3	86.3
98	35.7	17.3	57.3

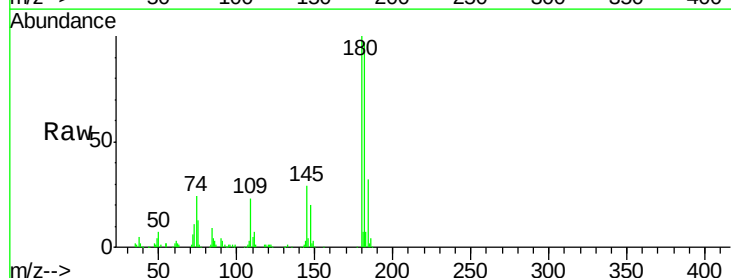


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

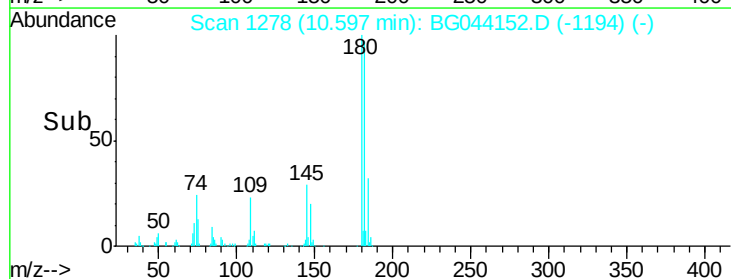
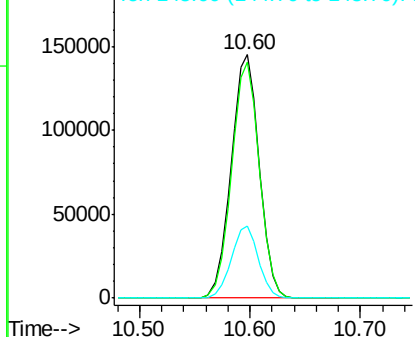


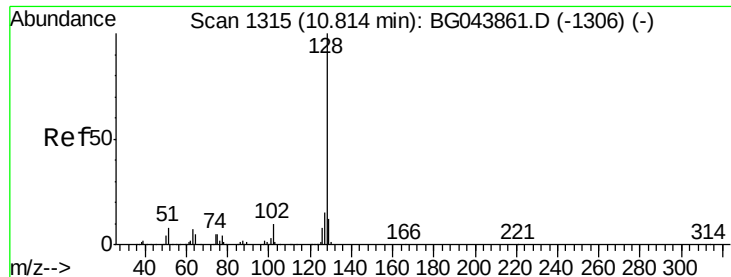
#30
 1,2,4-Trichlorobenzene
 Concen: 39.754 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.0	112.4
145	29.5	24.2	36.4



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

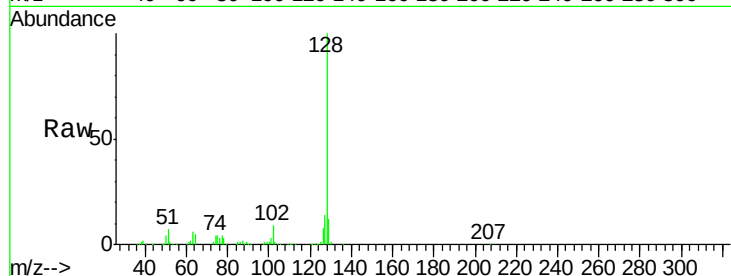




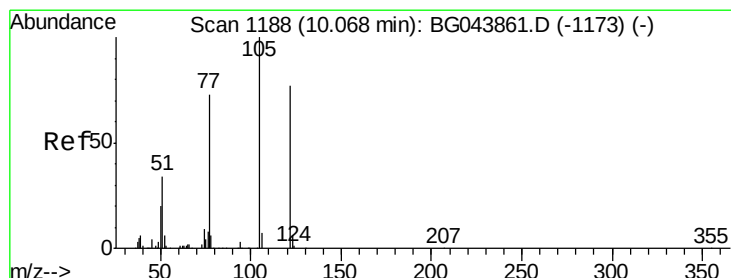
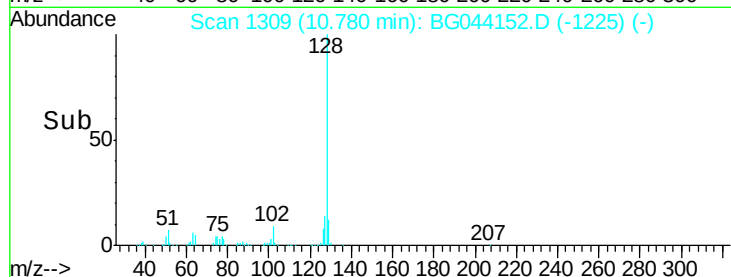
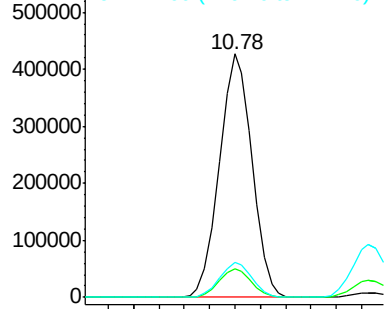
#31
Naphthalene
Concen: 42.995 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	14.4	12.0	18.0

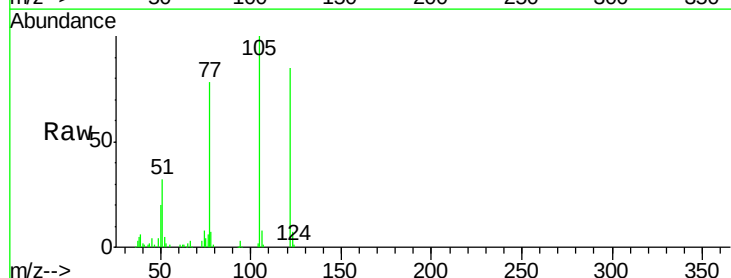


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

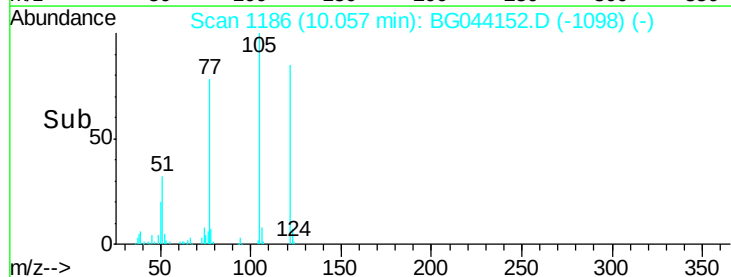
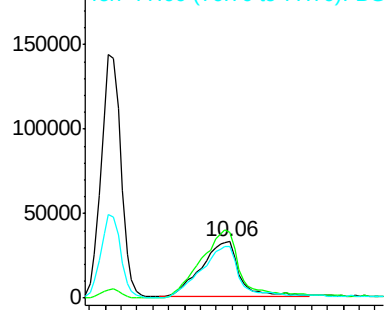


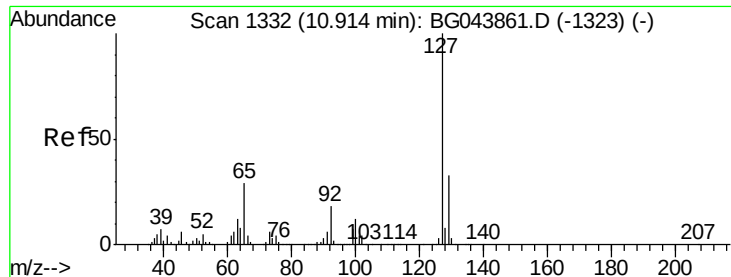
#32
Benzoic acid
Concen: 30.695 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.9	106.4	146.4
77	91.8	74.6	114.6



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

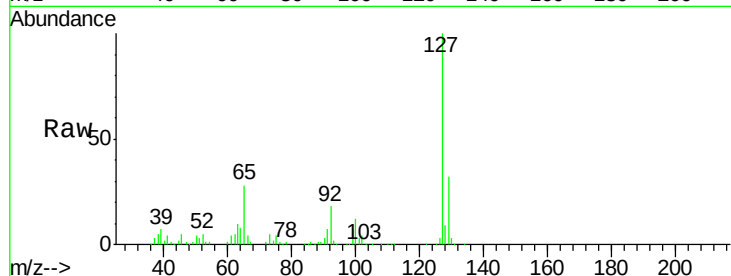




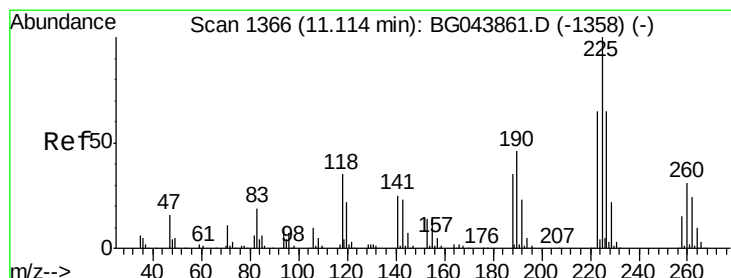
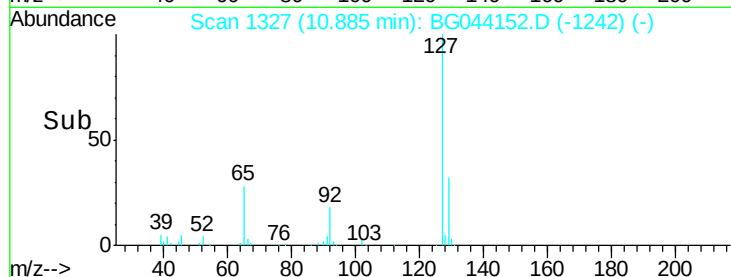
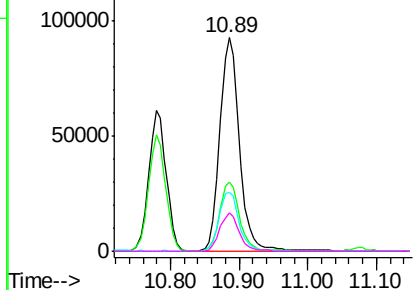
#33
4-Chloroaniline
Concen: 21.741 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	184033
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	40.0
65	27.8	23.3	34.9
92	18.0	14.7	22.1

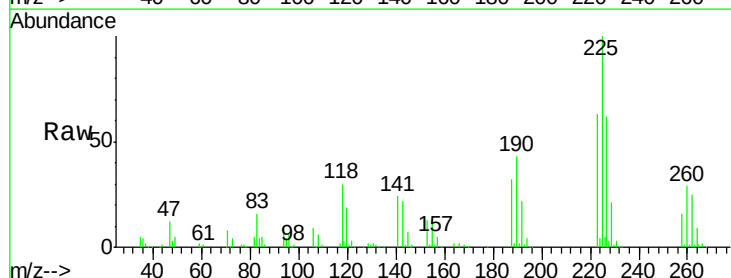


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

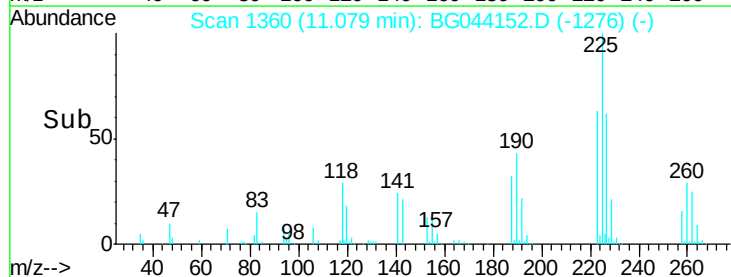
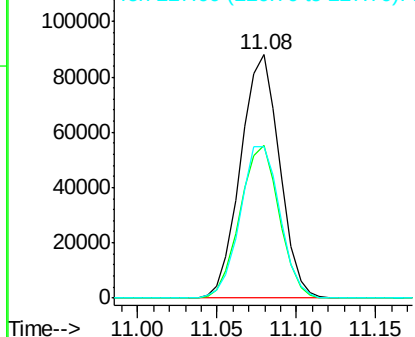


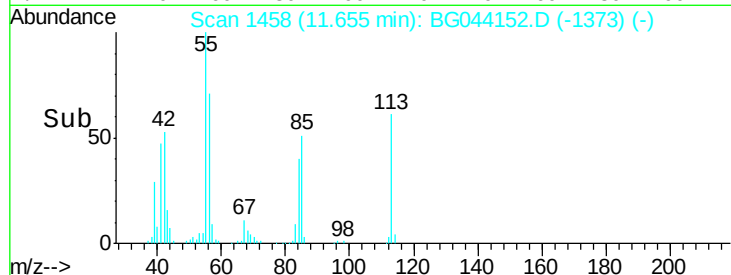
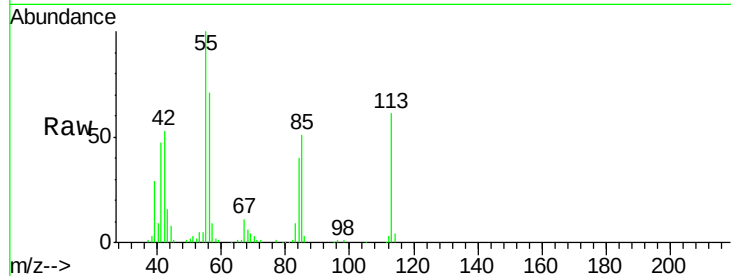
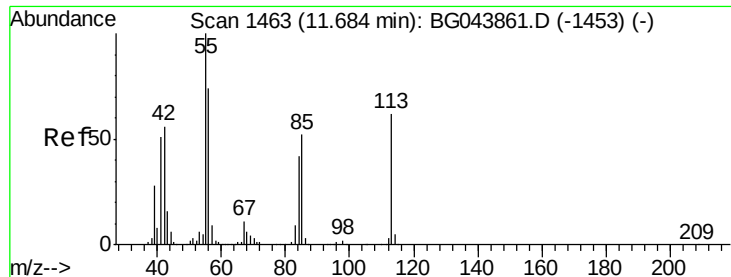
#34
Hexachlorobutadiene
Concen: 37.979 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion:	225	Resp:	149971
Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.2	78.4
227	62.3	52.1	78.1



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: 31.091 ng

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampled :

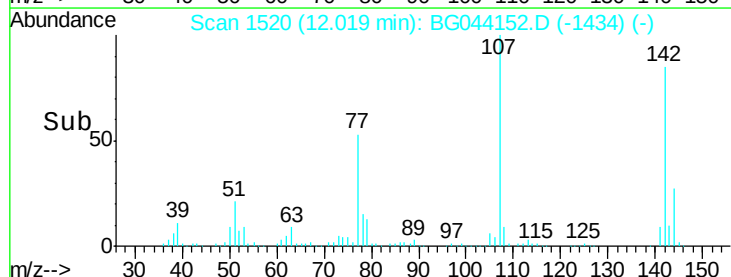
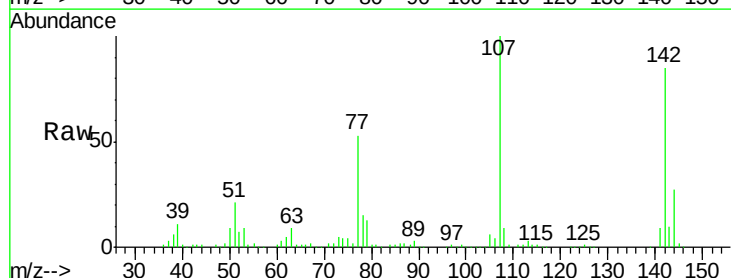
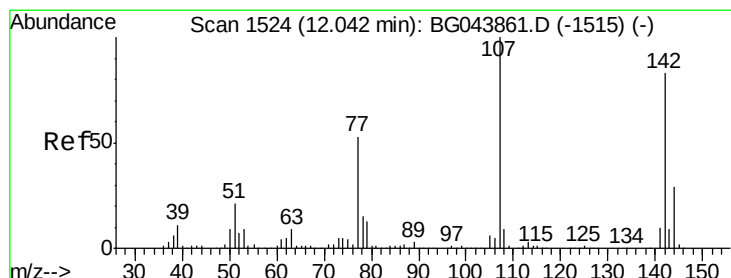
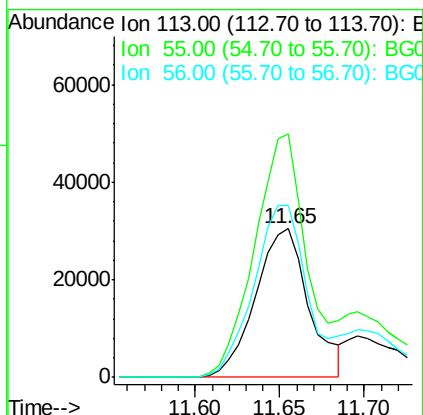
Tot Ion:113 Resp: 66762

Ion Ratio Lower Upper

113 100

55 164.2 142.5 182.5

56 116.1 101.4 141.4



#36

4-Chloro-3-methylphenol

Concen: 43.068 ng

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

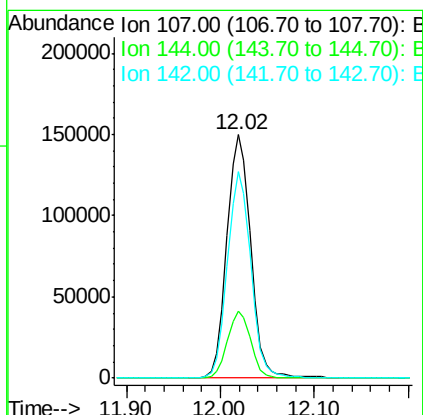
Tgt Ion:107 Resp: 264457

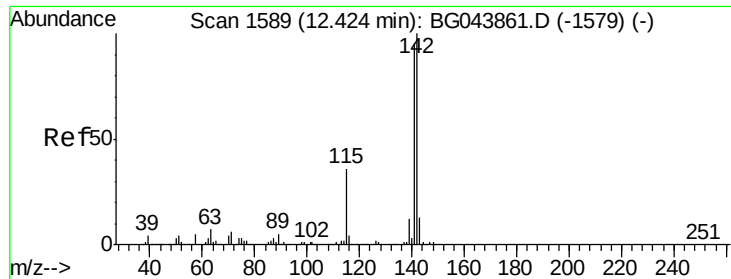
Ion Ratio Lower Upper

107 100

144 27.3 23.4 35.2

142 84.9 66.3 99.5

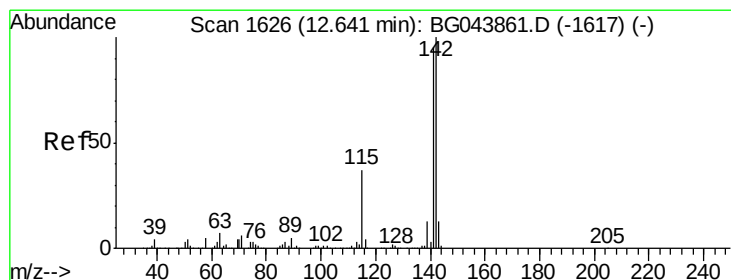
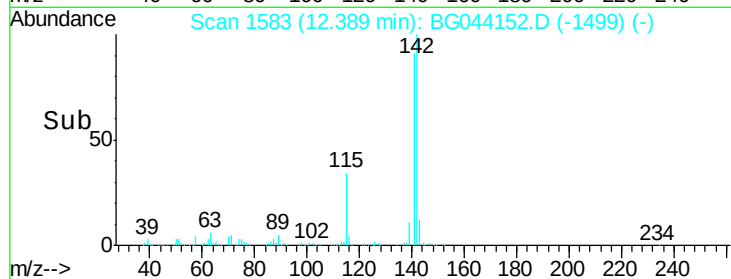
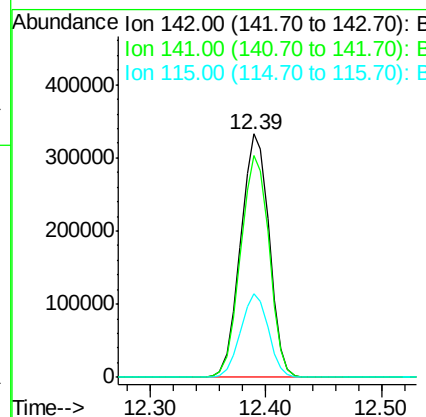
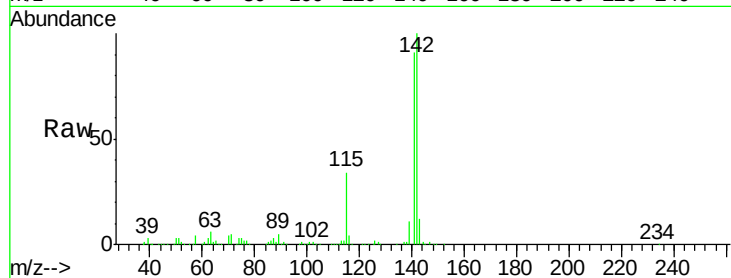




#37
2-Methylnaphthalene
Concen: 42.528 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

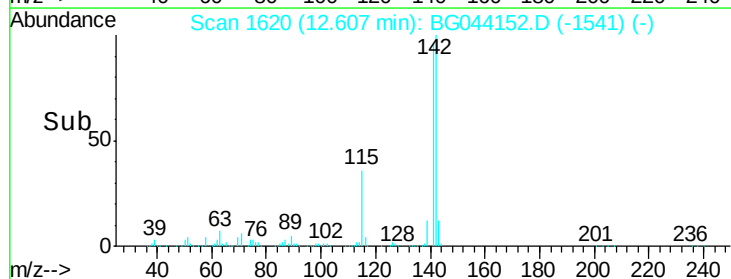
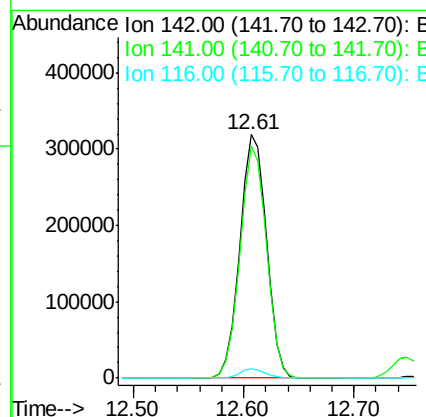
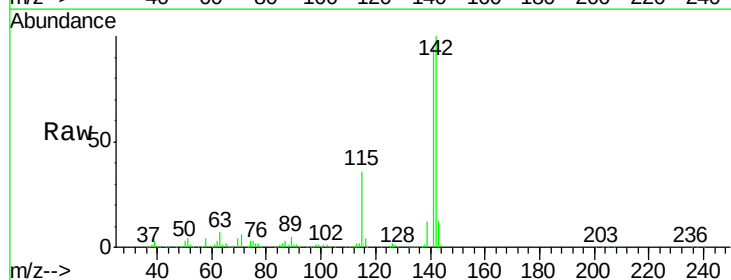
Instrument :
BNA_G
ClientSampleId :

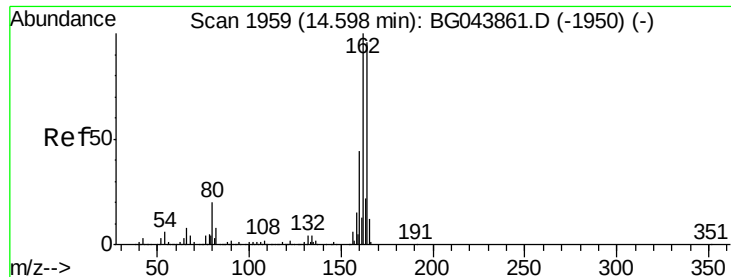
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	75.8	113.8
115	34.3	28.6	42.8



#38
1-Methylnaphthalene
Concen: 42.768 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	76.0	114.0
116	3.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

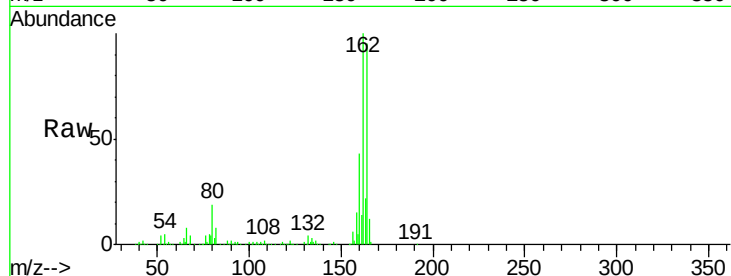
Tot Ion:164 Resp: 231826

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.4

160 44.7 36.1 54.1

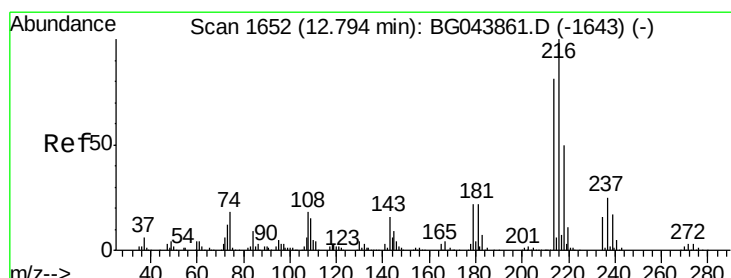
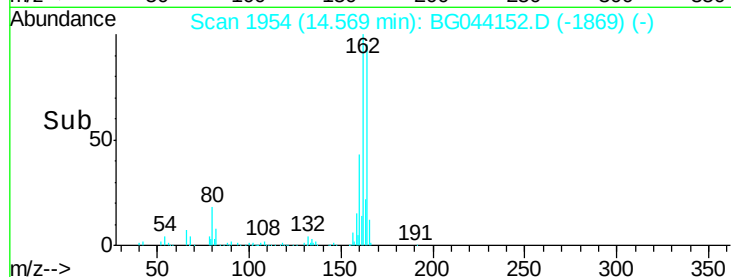
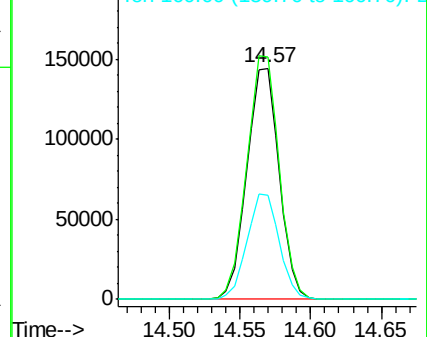


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.744 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion:216 Resp: 270051

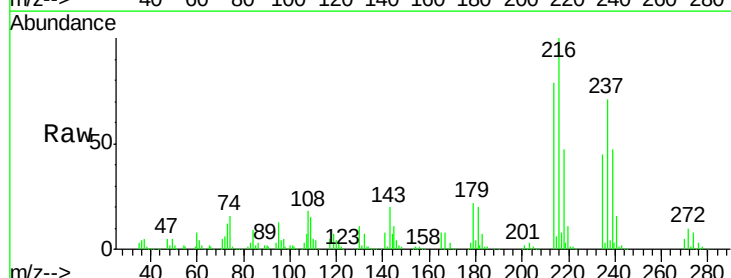
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.8

179 20.9 17.3 25.9

108 20.8 15.3 22.9



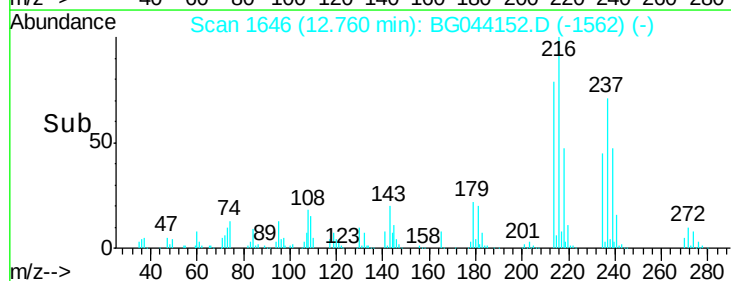
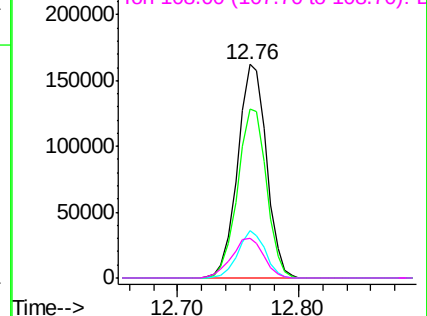
Abundance

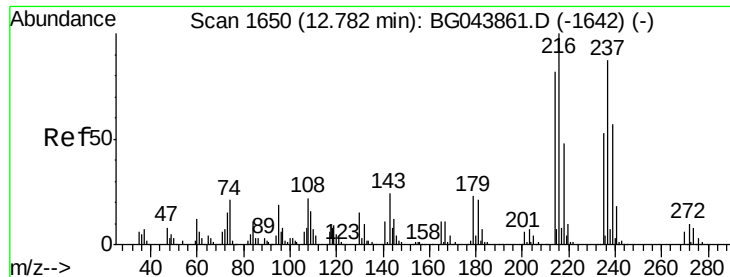
Ion 216.00 (215.70 to 216.70): E

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: 101.496 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

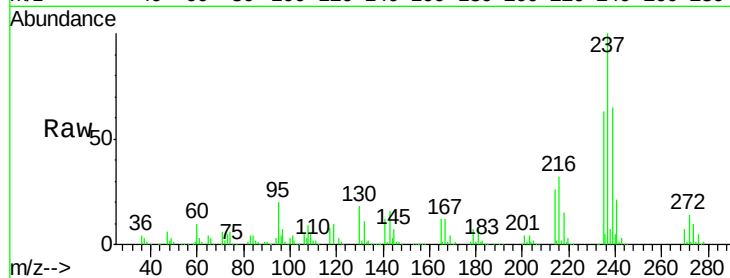
Tot Ion:237 Resp: 357541

Ion Ratio Lower Upper

237 100

235 63.5 41.1 81.1

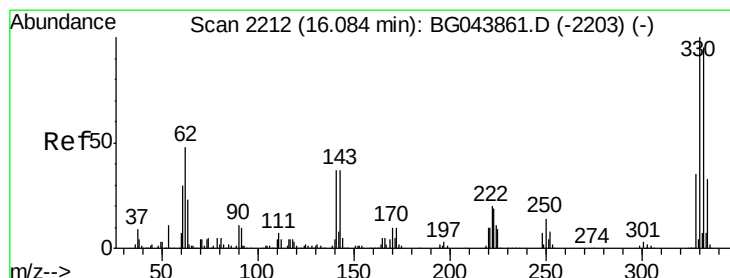
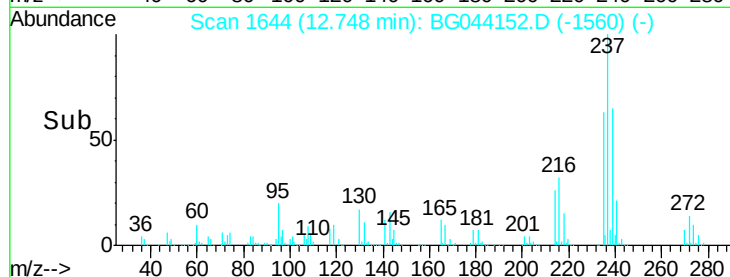
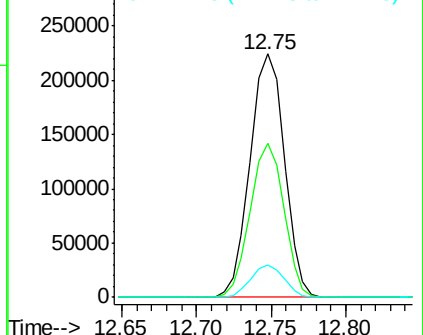
272 13.5 0.0 31.7



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: 134.902 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

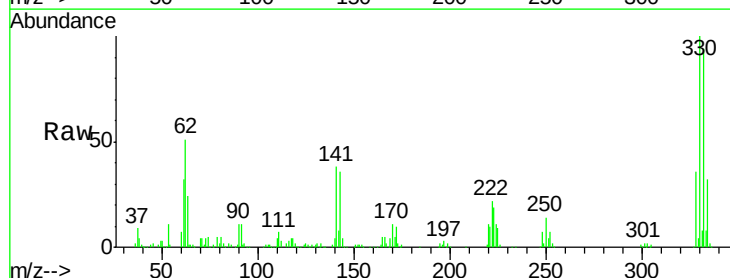
Tgt Ion:330 Resp: 327275

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

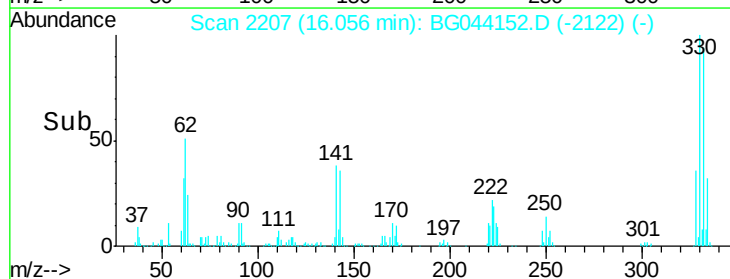
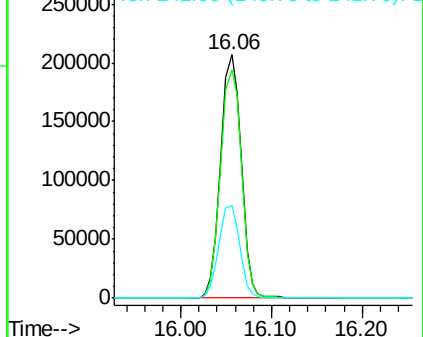
141 38.7 33.1 49.7

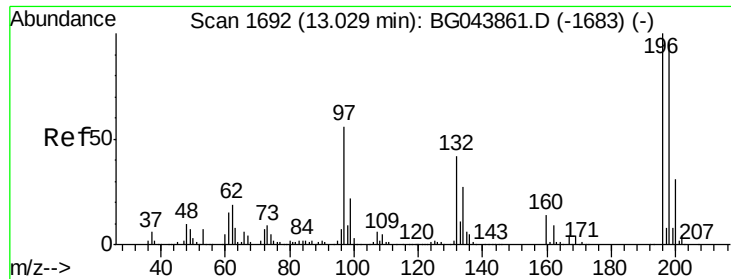


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

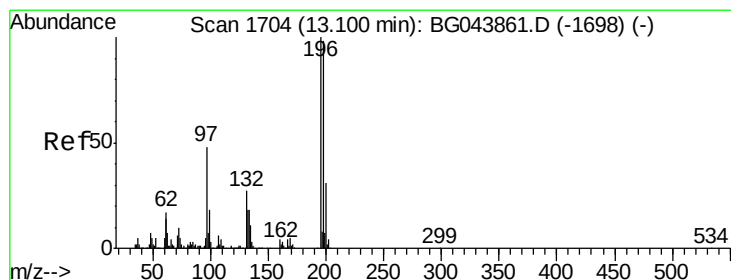
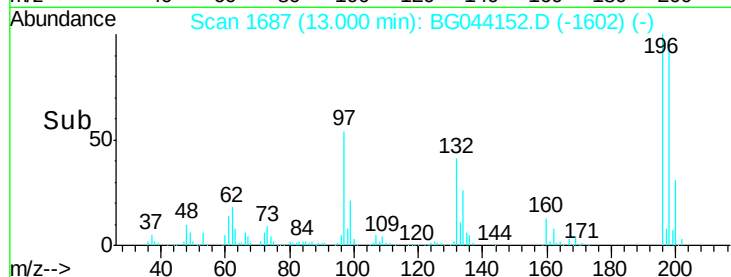
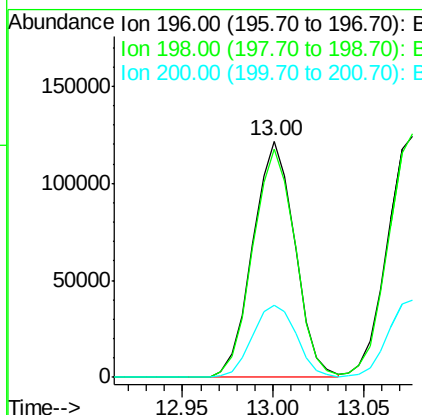
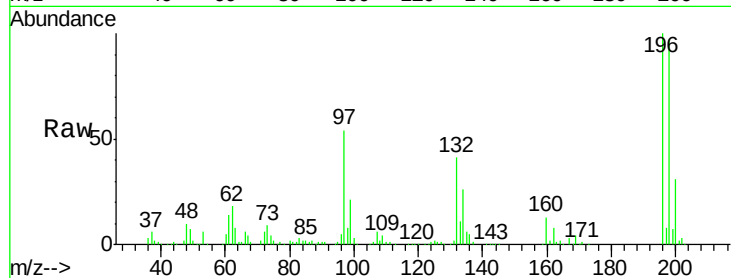




#43
 2,4,6-Trichlorophenol
 Concen: 41.968 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

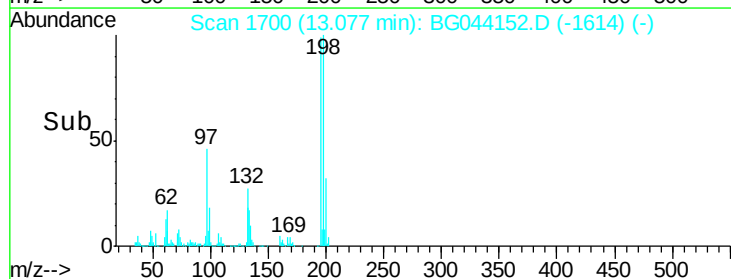
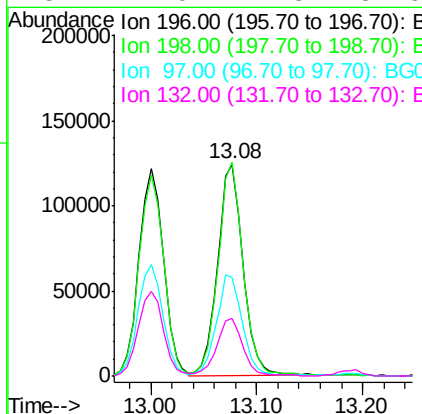
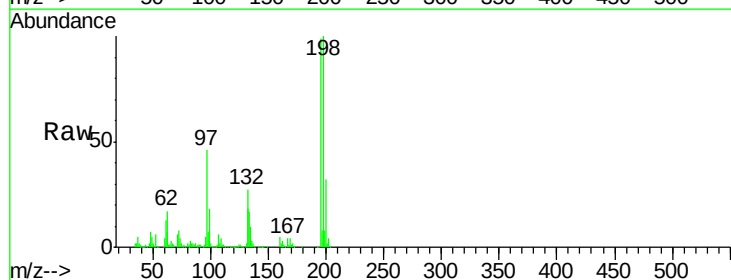
Instrument :
 BNA_G
 ClientSampleId :

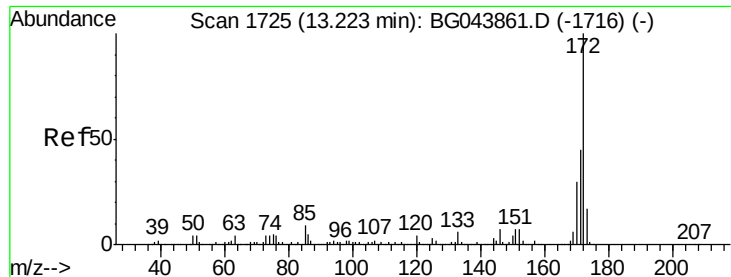
Tot Ion:196 Resp: 196218
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.6 115.0
 200 30.7 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.348 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion:196 Resp: 209027
 Ion Ratio Lower Upper
 196 100
 198 100.8 78.3 117.5
 97 46.8 38.8 58.2
 132 27.0 21.3 31.9

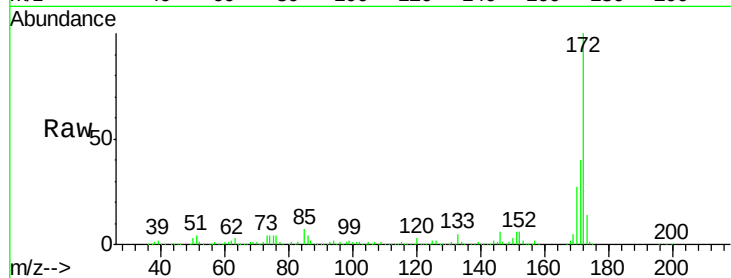




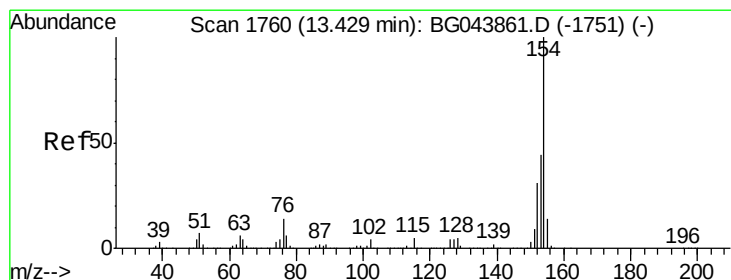
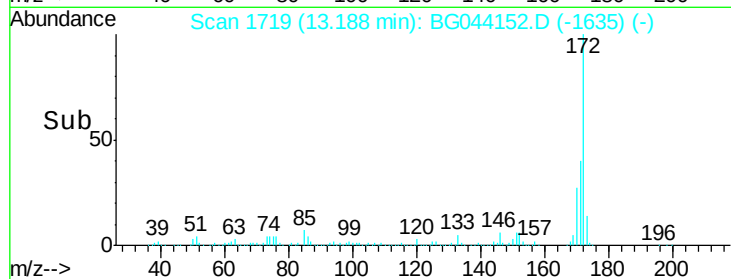
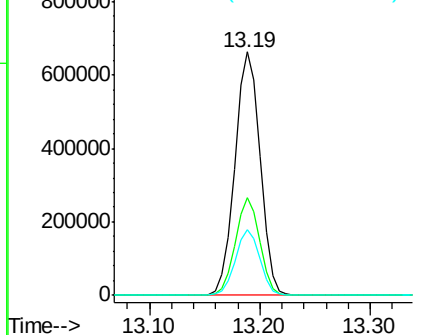
#45
2-Fluorobiphenyl
Concen: 83.061 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1062814
Ion Ratio Lower Upper
172 100
171 40.0 35.8 53.8
170 27.0 24.2 36.4

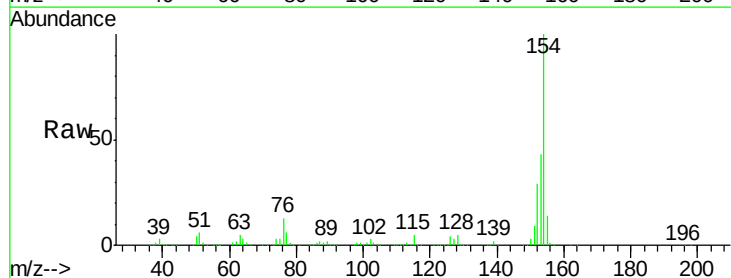


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

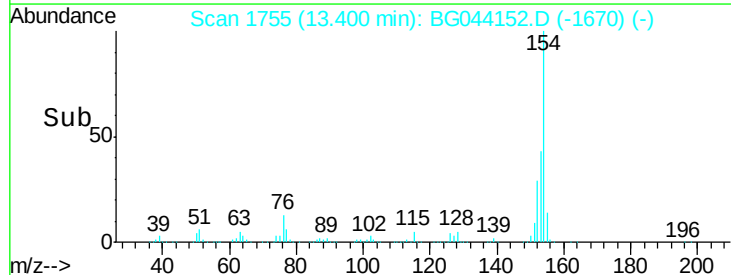
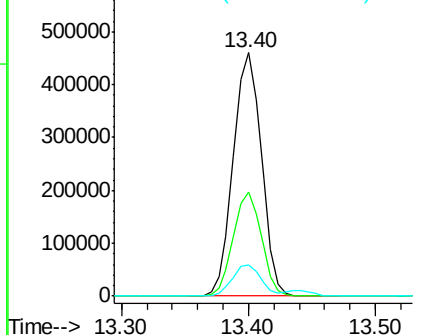


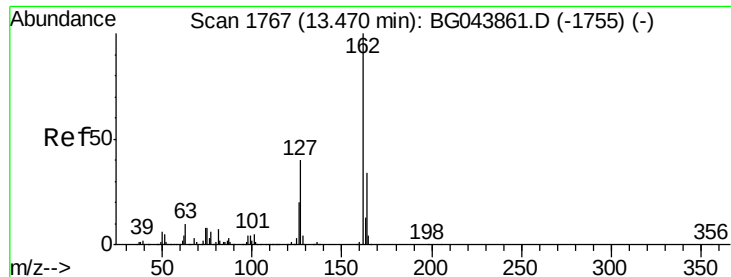
#46
1,1'-Biphenyl
Concen: 42.616 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion:154 Resp: 708342
Ion Ratio Lower Upper
154 100
153 42.8 23.6 63.6
76 13.0 0.0 34.4



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

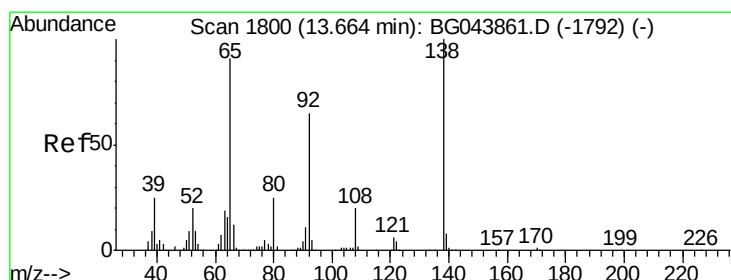
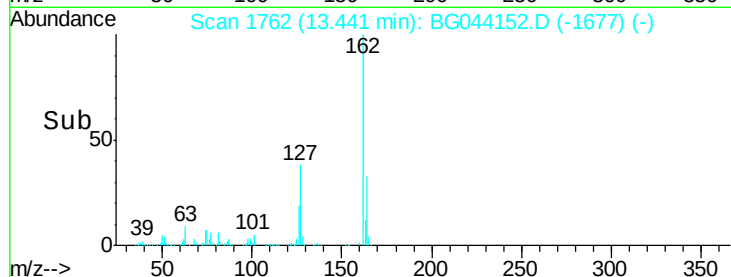
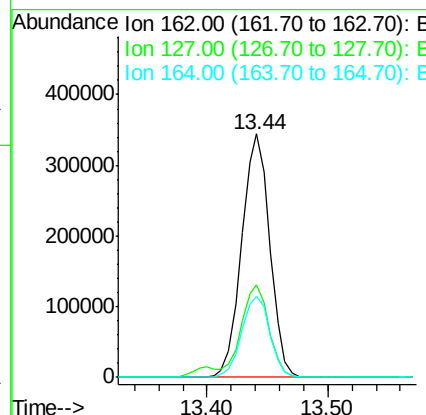
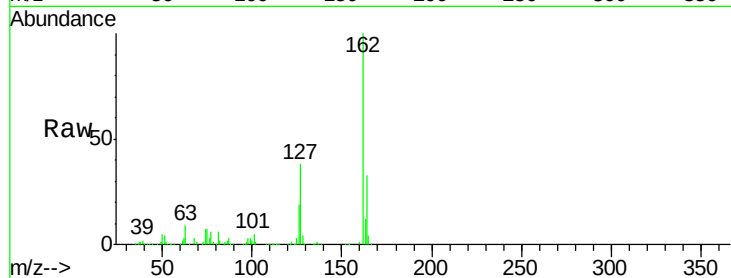




#47
2-Chloronaphthalene
Concen: 41.469 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

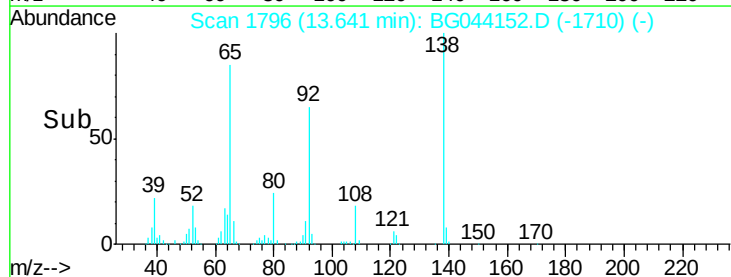
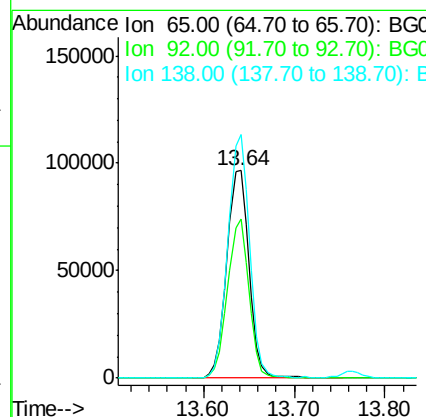
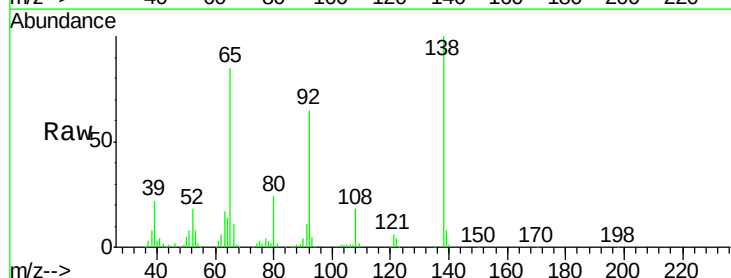
Instrument :
BNA_G
ClientSampleId :

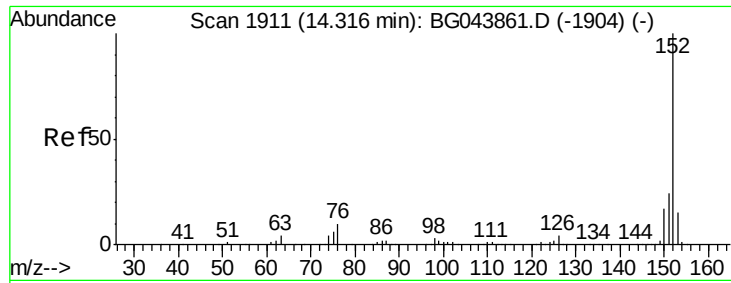
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	32.1	48.1
164	33.3	27.5	41.3



#48
2-Nitroaniline
Concen: 38.351 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.7	57.4	86.2
138	117.4	88.2	132.4





#49

Acenaphthylene

Concen: 45.437 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

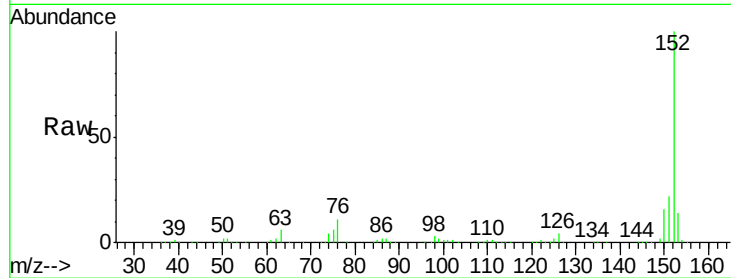
Tot Ion:152 Resp: 877152

Ion Ratio Lower Upper

152 100

151 22.3 19.4 29.2

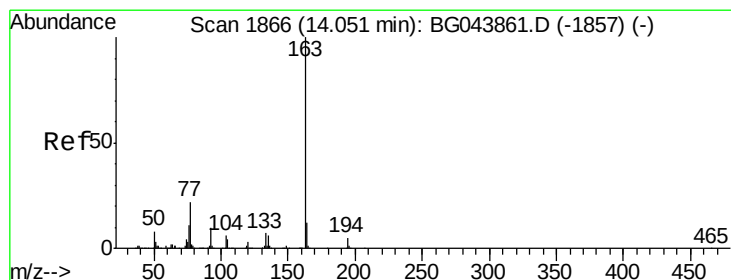
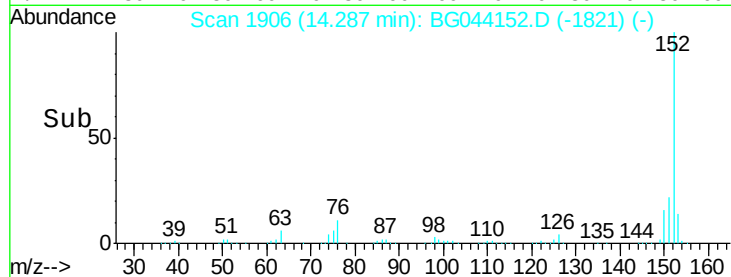
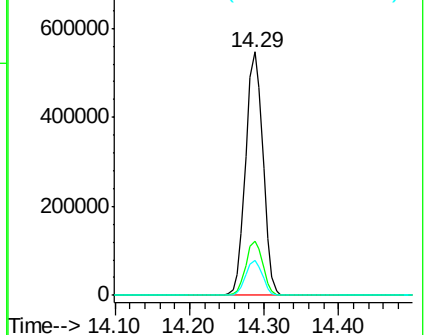
153 14.4 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.495 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

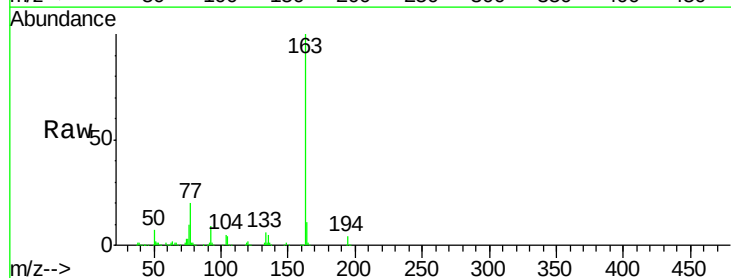
Tgt Ion:163 Resp: 683031

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

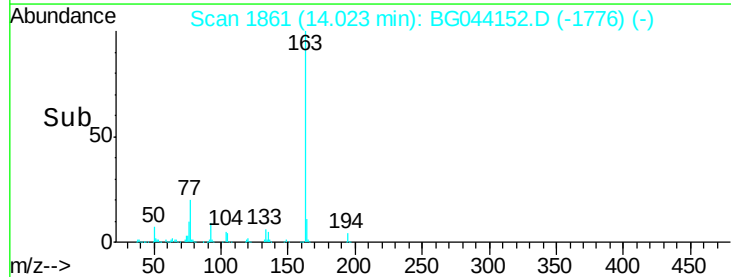
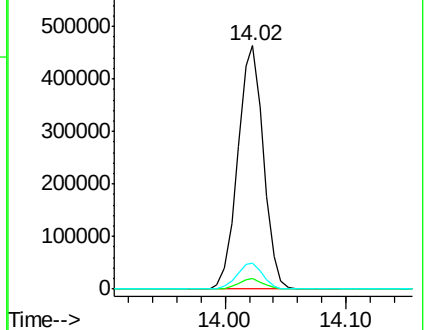
164 10.9 9.3 13.9

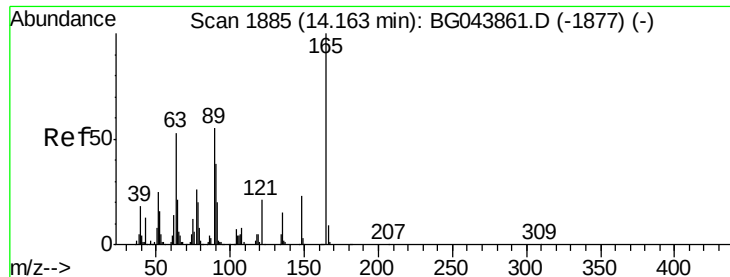


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.804 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

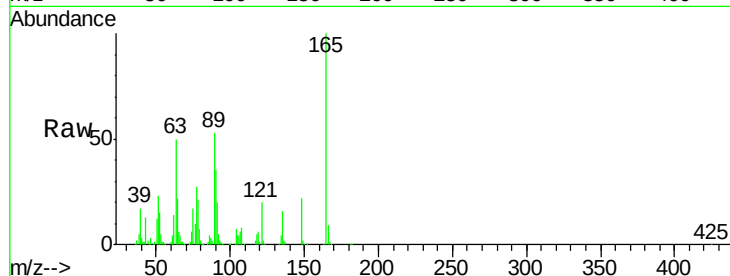
Tot Ion:165 Resp: 155532

Ion Ratio Lower Upper

165 100

63 50.4 43.1 64.7

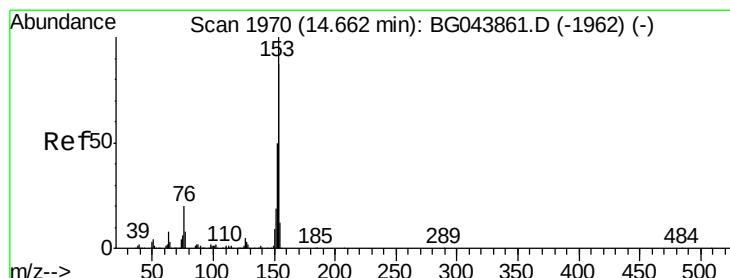
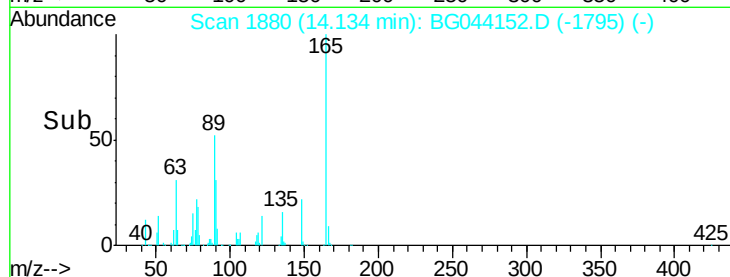
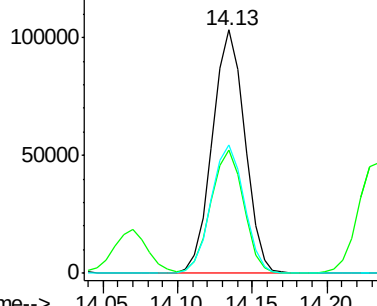
89 52.9 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.948 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

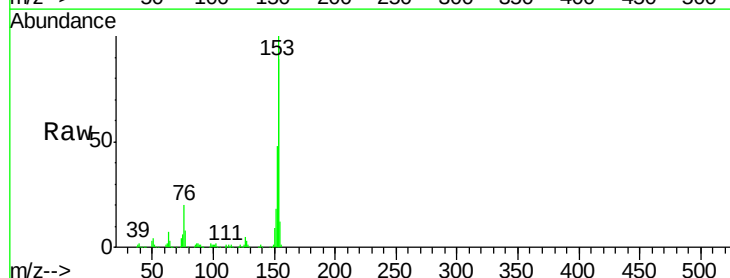
Tgt Ion:154 Resp: 540819

Ion Ratio Lower Upper

154 100

153 112.4 91.6 137.4

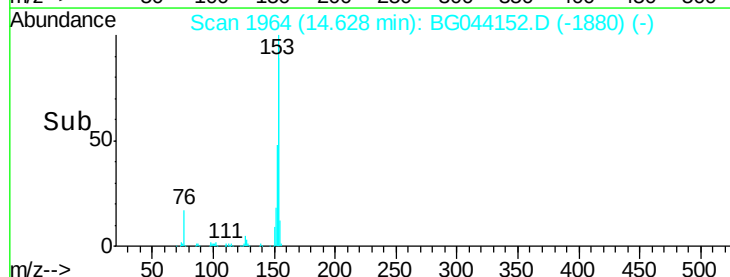
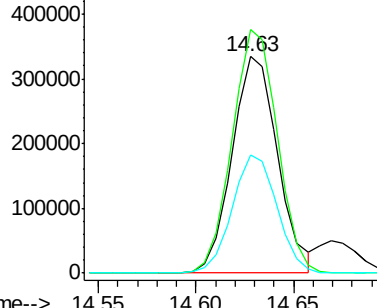
152 54.4 45.4 68.0

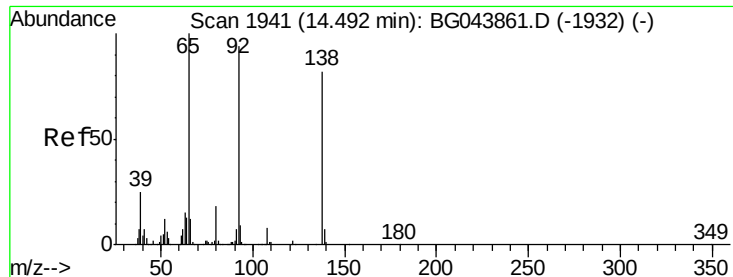


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

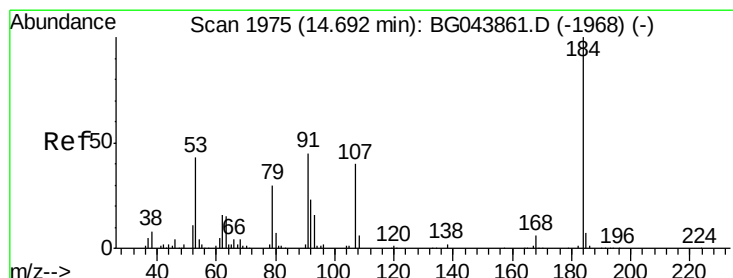
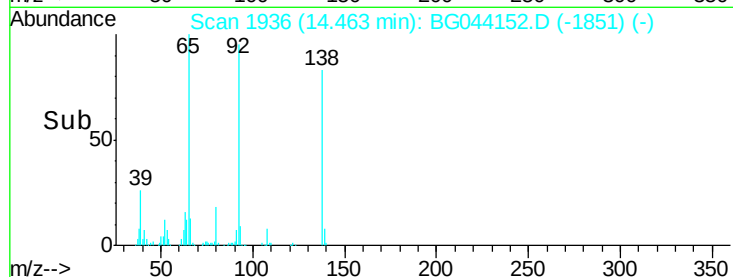
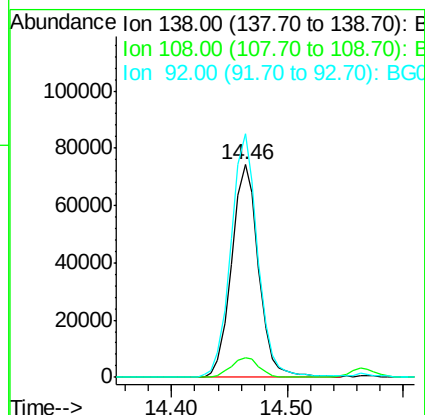
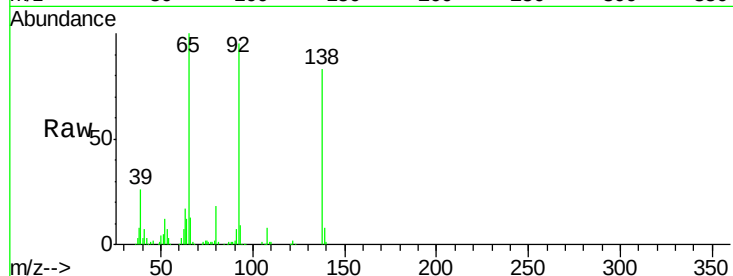




#53
3-Nitroaniline
Concen: 28.458 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

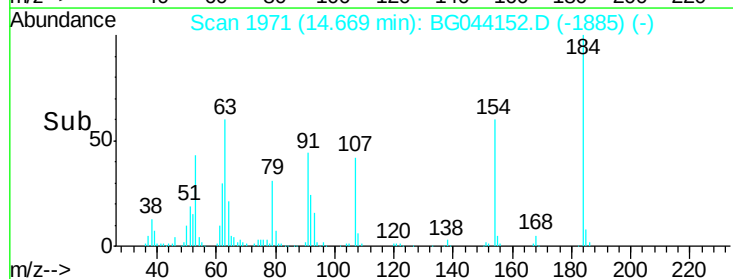
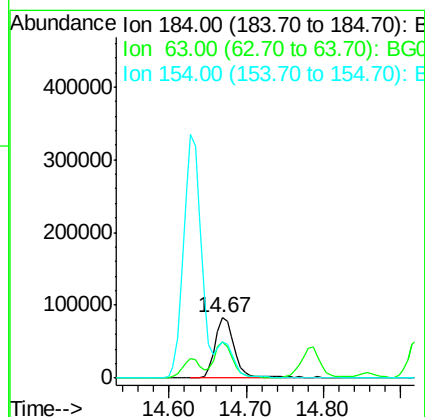
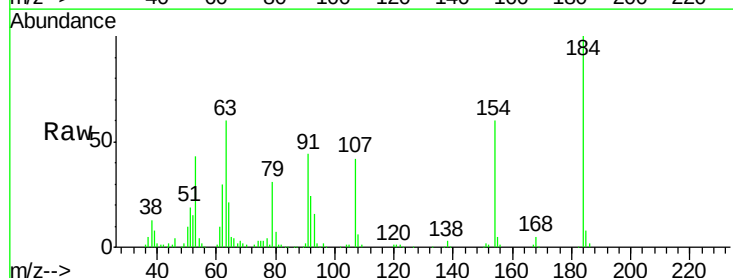
Instrument :
BNA_G
ClientSampleId :

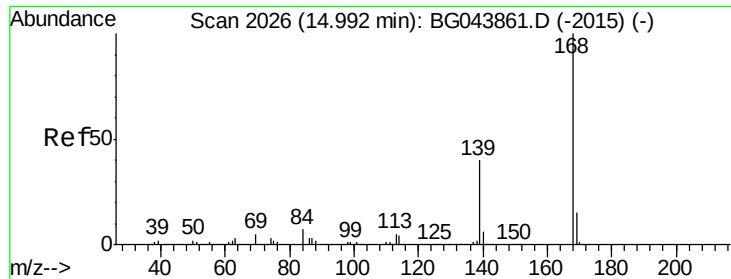
Tot Ion:138 Resp: 120233
Ion Ratio Lower Upper
138 100
108 9.3 7.4 11.2
92 114.7 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 78.796 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion:184 Resp: 149183
Ion Ratio Lower Upper
184 100
63 60.4 46.6 70.0
154 59.8 50.2 75.4





#55

Dibenzofuran

Concen: 44.160 ng

RT: 14.96 min Scan# 2021

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

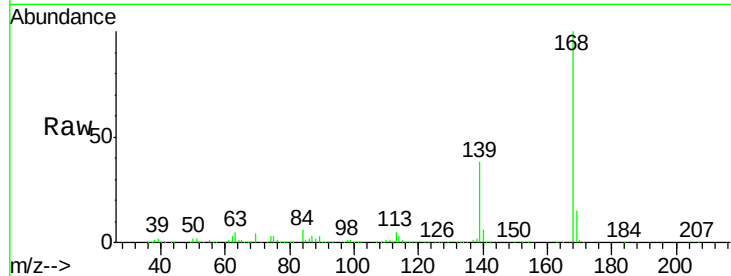
Tot Ion:168 Resp: 822995

Ion Ratio Lower Upper

168 100

139 38.4 32.2 48.2

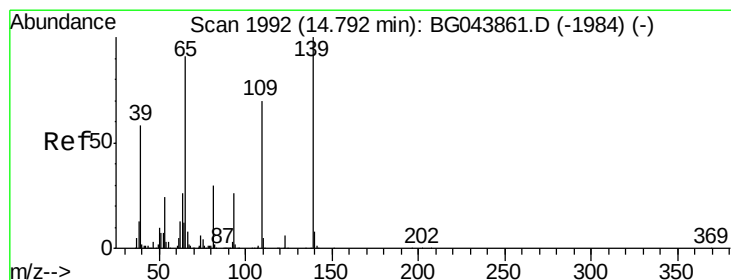
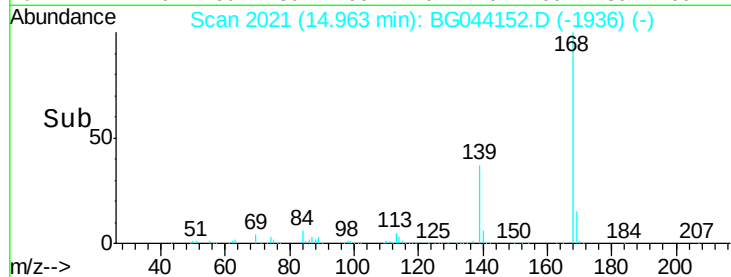
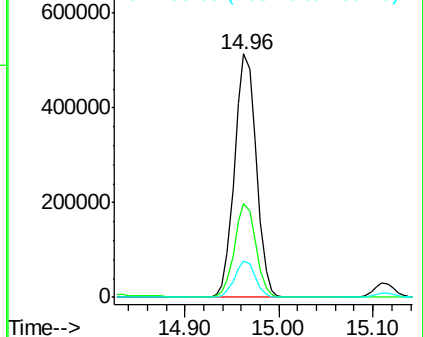
169 15.0 12.2 18.2



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: 86.636 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

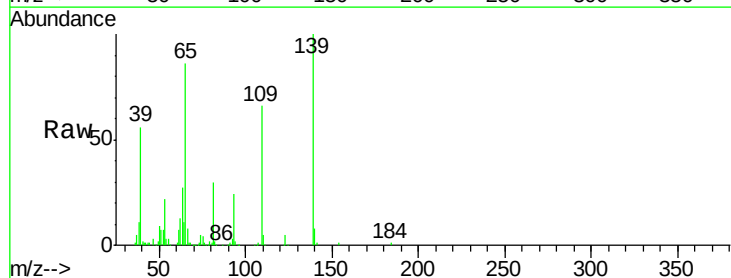
Tgt Ion:139 Resp: 280490

Ion Ratio Lower Upper

139 100

109 66.2 50.4 90.4

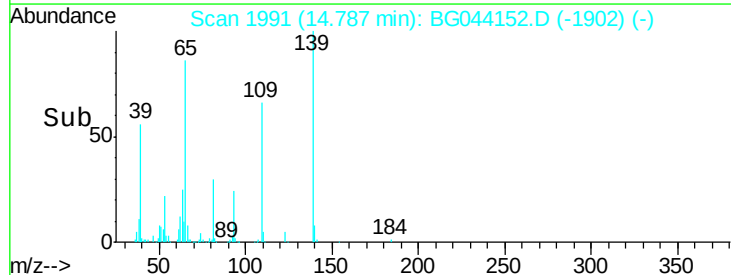
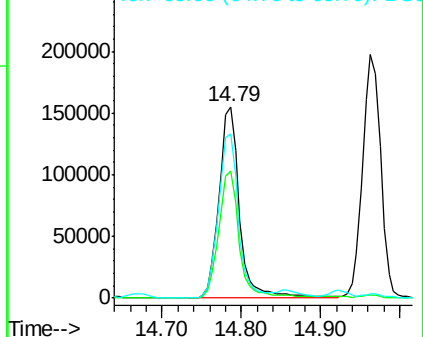
65 85.9 71.4 111.4

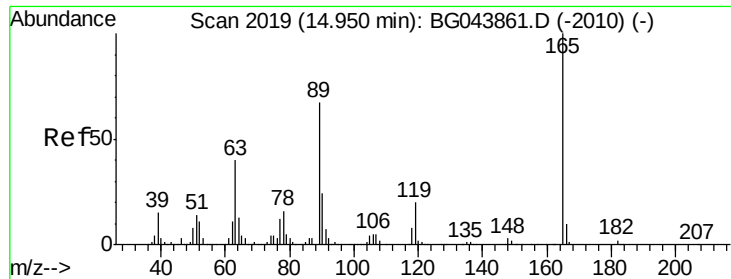


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

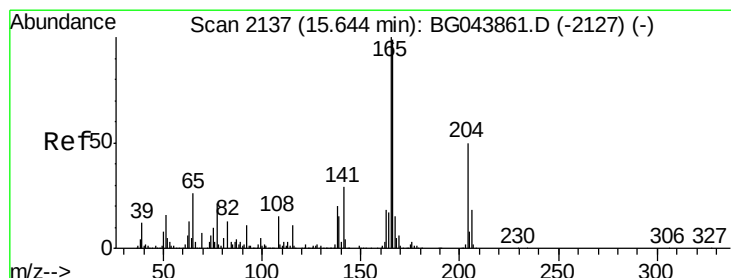
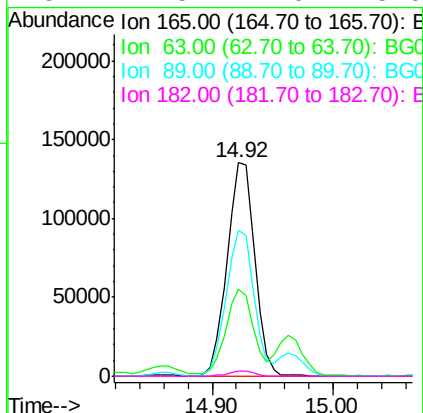
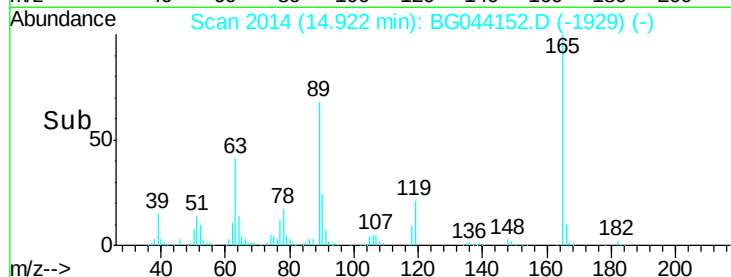
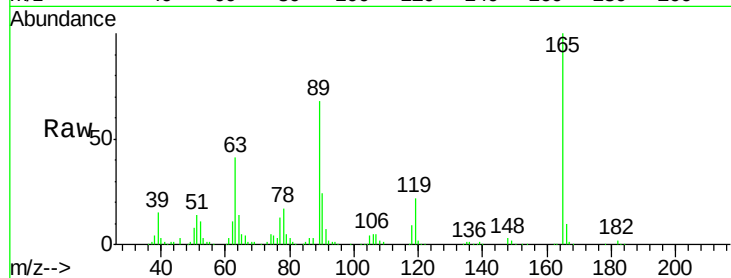




#57
 2,4-Dinitrotoluene
 Concen: 42.696 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

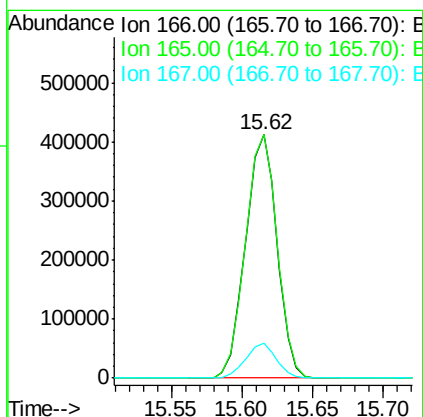
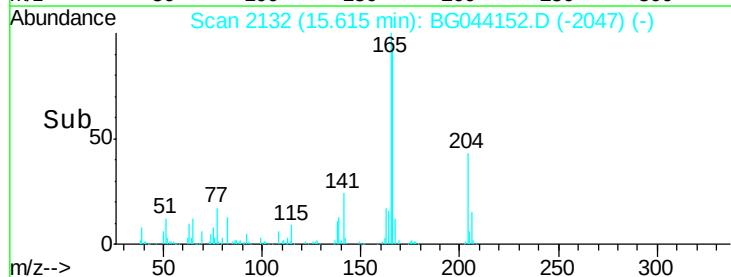
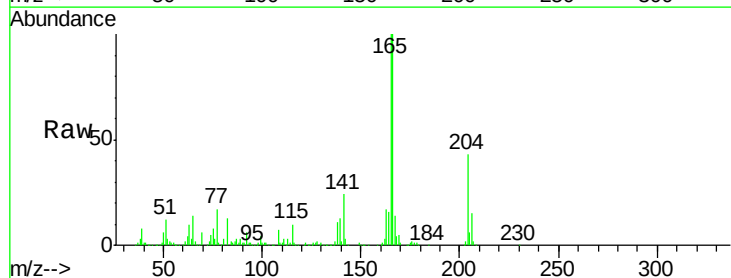
Instrument :
 BNA_G
 ClientSampleId :

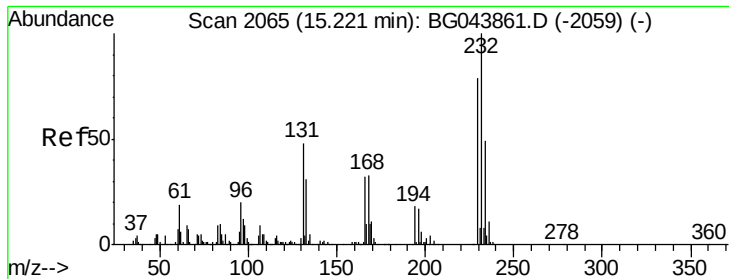
Tot Ion:	165	Resp:	216146
Ion	Ratio	Lower	Upper
165	100		
63	40.7	31.9	47.9
89	68.3	53.8	80.6
182	2.5	2.0	3.0



#58
 Fluorene
 Concen: 43.776 ng
 RT: 15.62 min Scan# 2132
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion:	166	Resp:	646645
Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.8	121.2
167	14.4	12.1	18.1

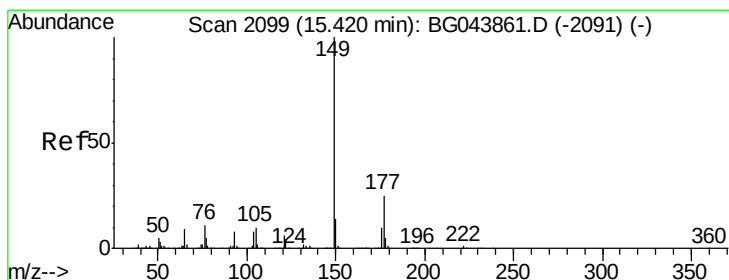
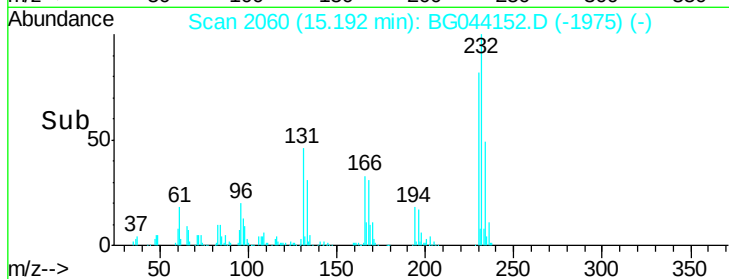
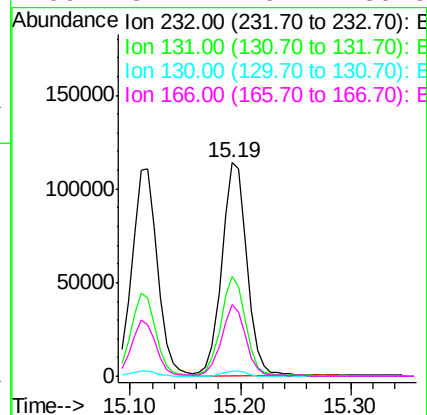
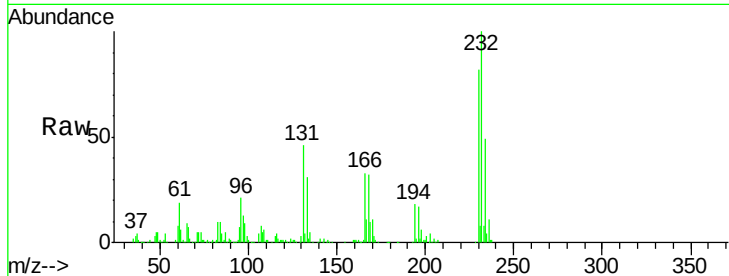




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.412 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

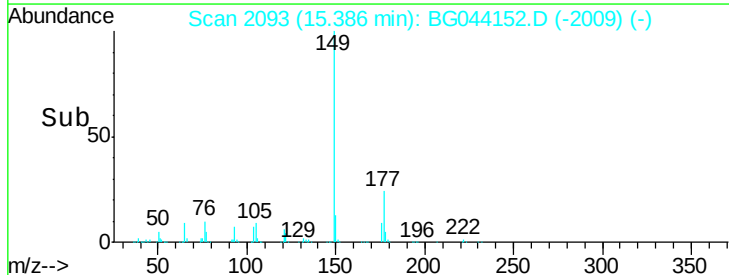
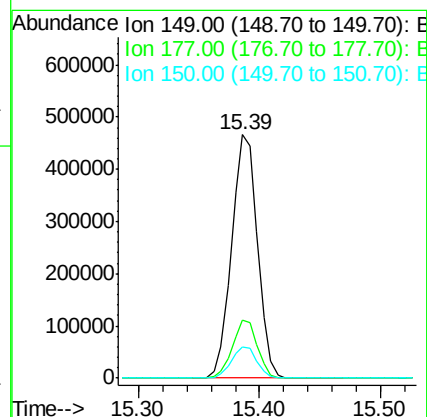
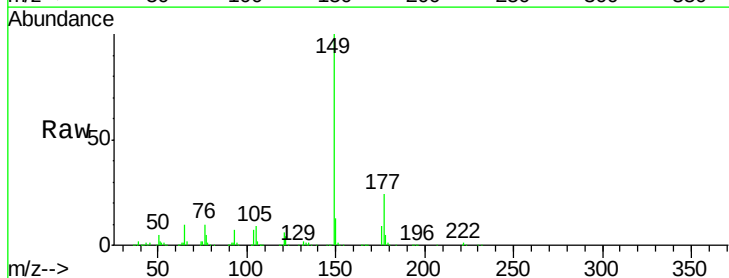
Instrument :
BNA_G
ClientSampleId :

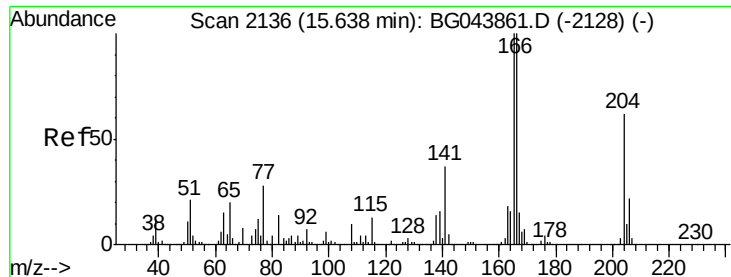
Tot Ion:232 Resp: 180006
Ion Ratio Lower Upper
232 100
131 45.3 38.2 57.2
130 2.4 2.2 3.2
166 32.2 26.4 39.6



#60
Diethylphthalate
Concen: 41.877 ng
RT: 15.39 min Scan# 2093
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion:149 Resp: 689460
Ion Ratio Lower Upper
149 100
177 23.8 20.0 30.0
150 12.7 11.1 16.7

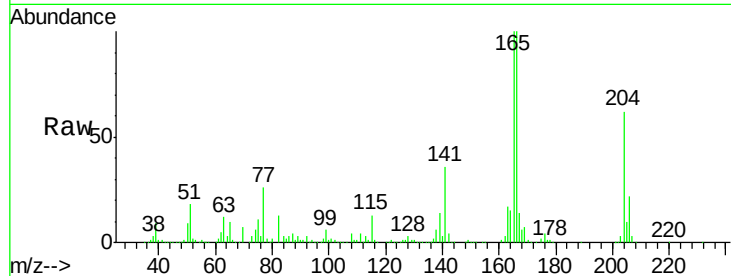




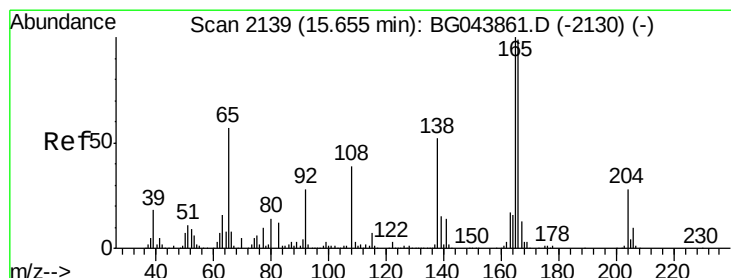
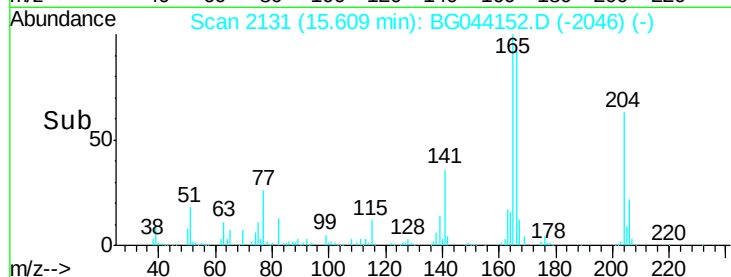
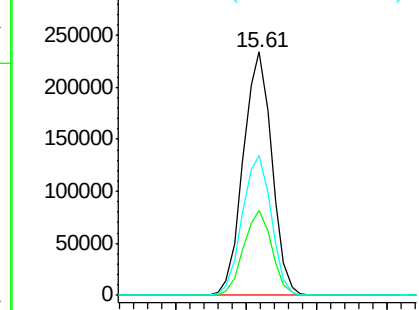
#61
 4-Chlorophenyl-phenylether
 Concen: 41.275 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 331064
 Ion Ratio Lower Upper
 204 100
 206 35.0 28.2 42.2
 141 57.7 48.2 72.2

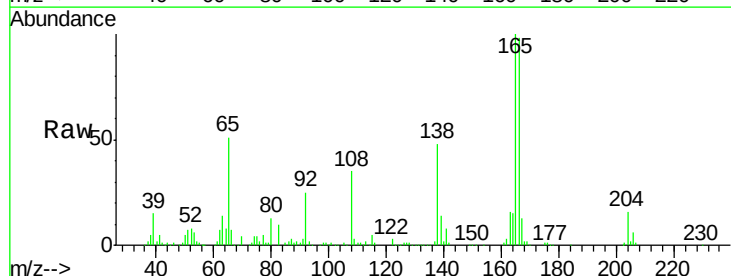


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

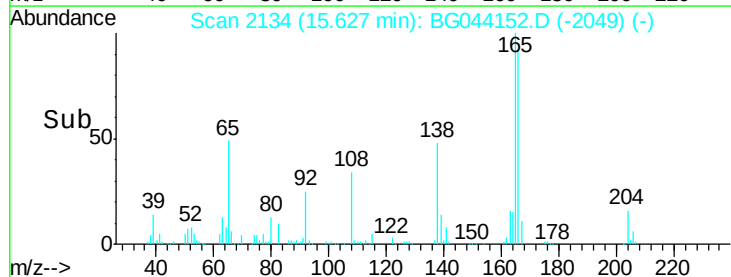
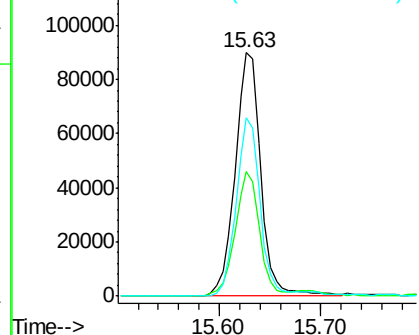


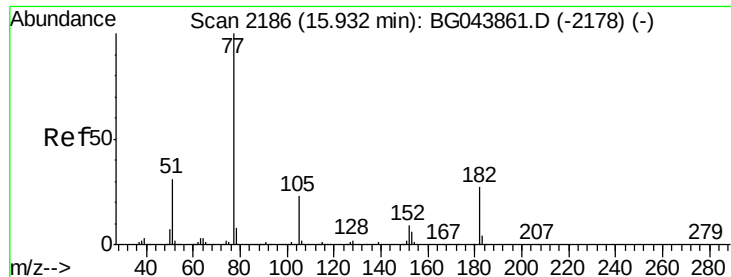
#62
 4-Nitroaniline
 Concen: 37.789 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: BG044152.D
 Acq: 22 Jan 2020 10:08

Tgt Ion:138 Resp: 157664
 Ion Ratio Lower Upper
 138 100
 92 51.3 34.3 74.3
 108 73.0 55.0 95.0



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





#63

Azobenzene

Concen: 42.883 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 654755

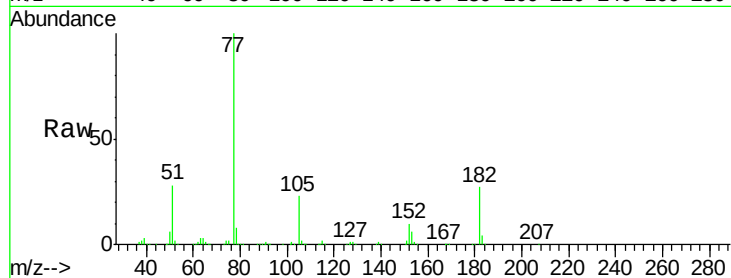
Ion Ratio Lower Upper

77 100

182 27.0 7.3 47.3

105 23.1 3.2 43.2

51 27.9 10.6 50.6

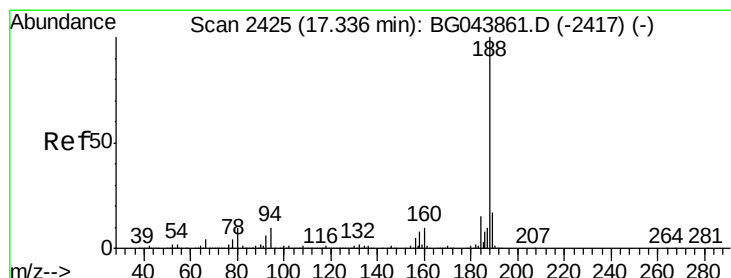
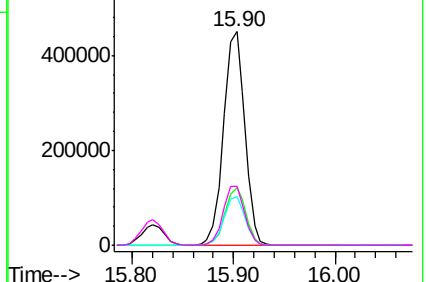
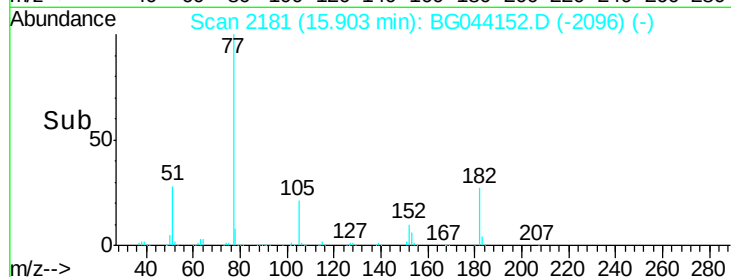


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

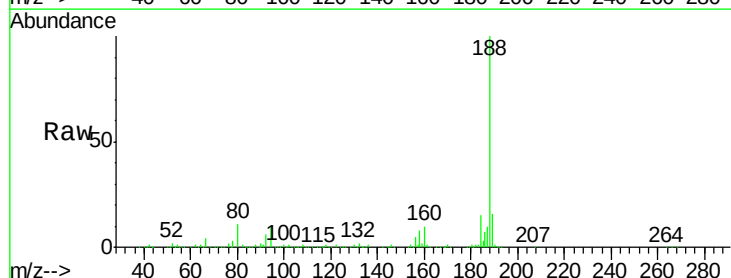
Tgt Ion: 188 Resp: 482247

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

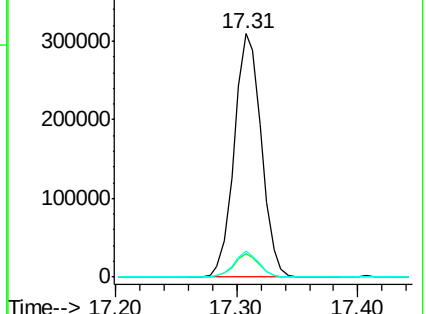
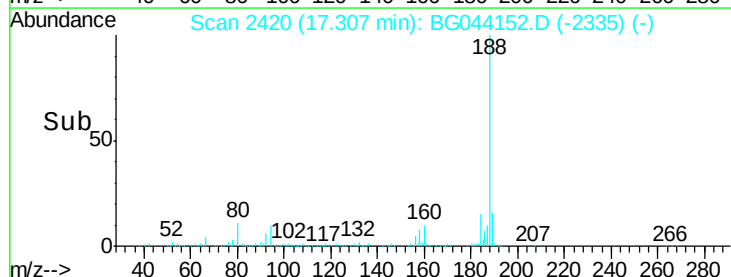
80 10.6 8.2 12.4

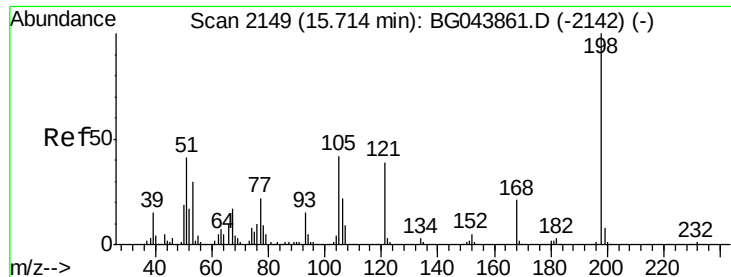


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

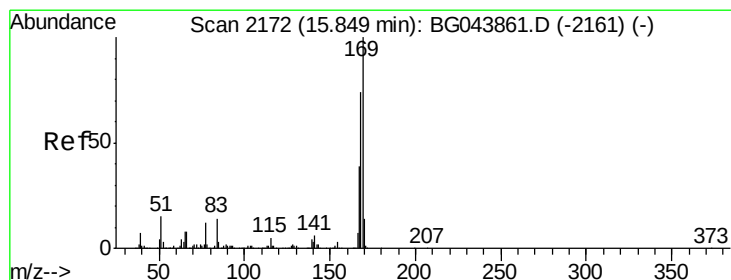
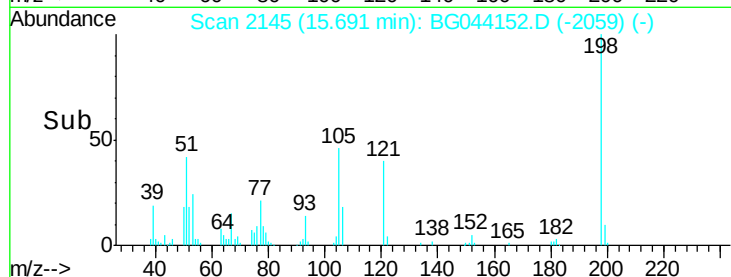
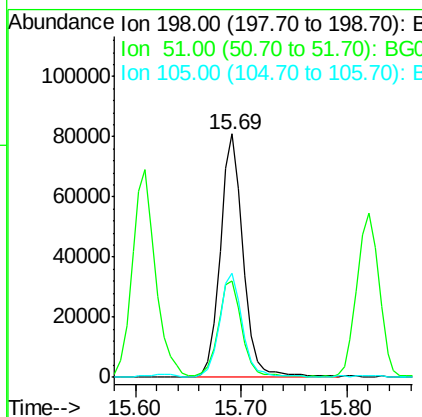
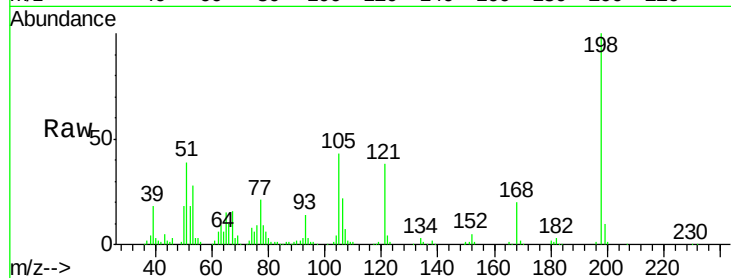




#65
4,6-Dinitro-2-methylphenol
Concen: 48.923 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.02 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

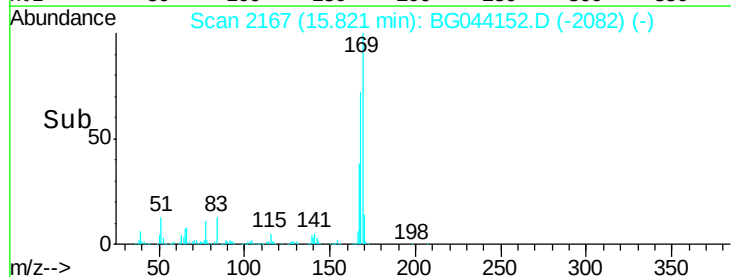
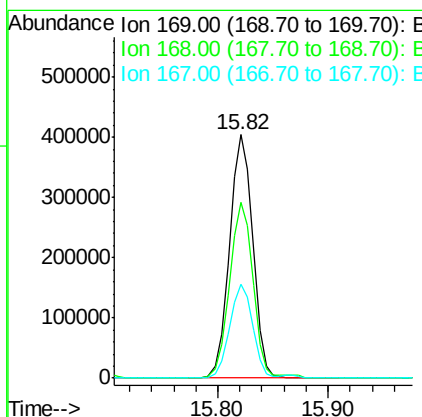
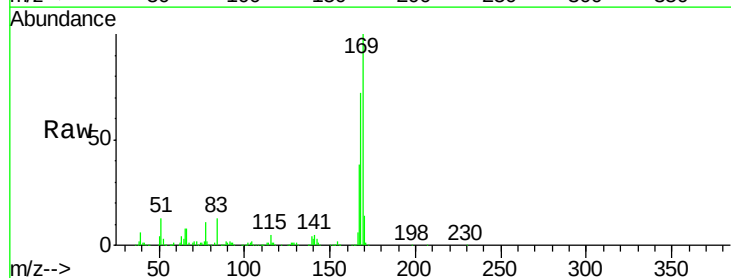
Instrument :
BNA_G
ClientSampleId :

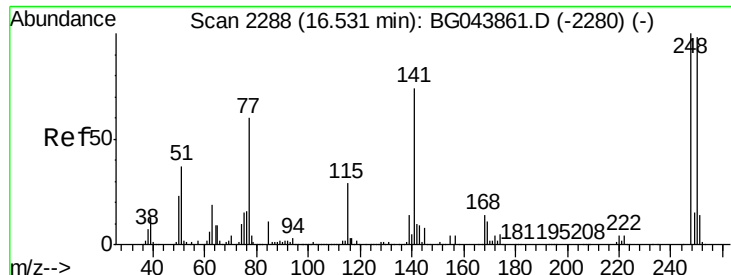
Tot Ion:198 Resp: 121787
Ion Ratio Lower Upper
198 100
51 39.4 22.5 62.5
105 42.7 22.3 62.3



#66
n-Nitrosodiphenylamine
Concen: 42.087 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion:169 Resp: 597706
Ion Ratio Lower Upper
169 100
168 72.3 59.0 88.6
167 38.3 31.4 47.0

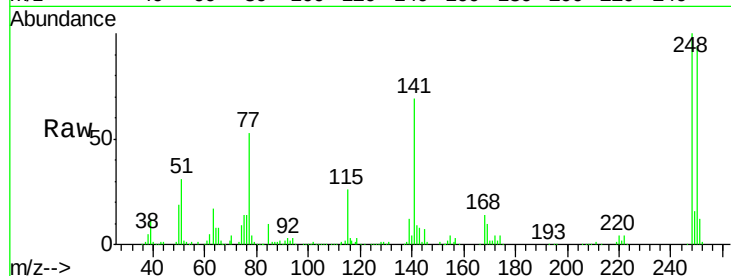




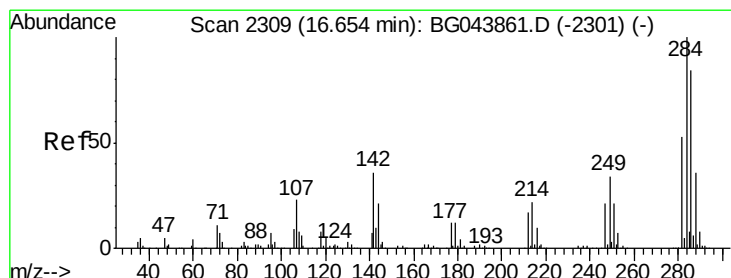
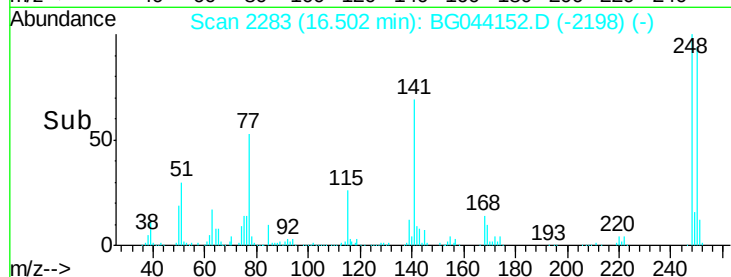
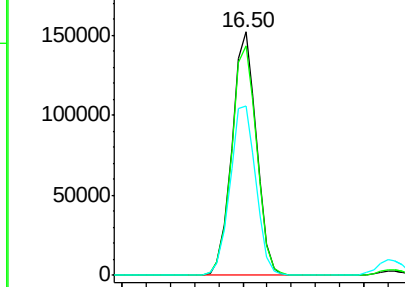
#67
4-Bromophenyl-phenylether
Concen: 39.475 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 214105
Ion Ratio Lower Upper
248 100
250 94.4 78.2 117.2
141 69.4 59.3 88.9

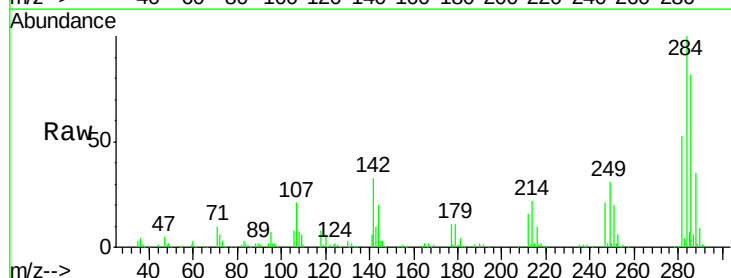


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

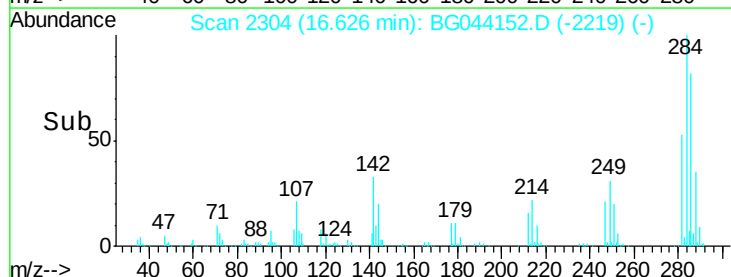
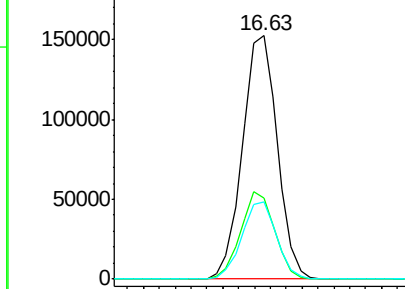


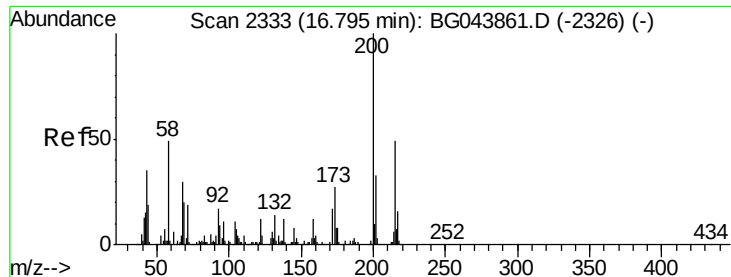
#68
Hexachlorobenzene
Concen: 39.716 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion:284 Resp: 232110
Ion Ratio Lower Upper
284 100
142 33.3 28.6 43.0
249 31.5 27.0 40.6



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

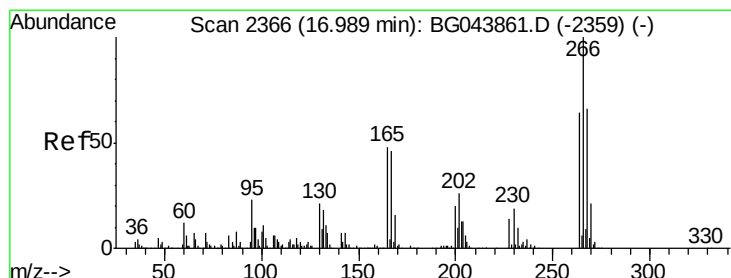
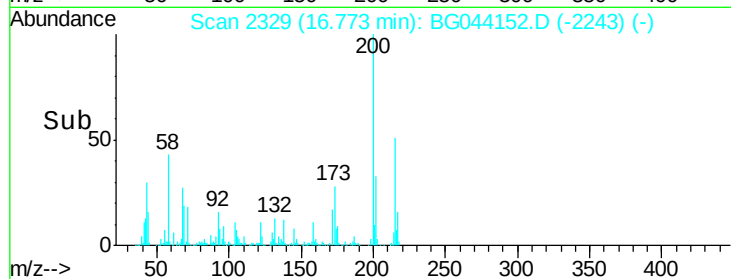
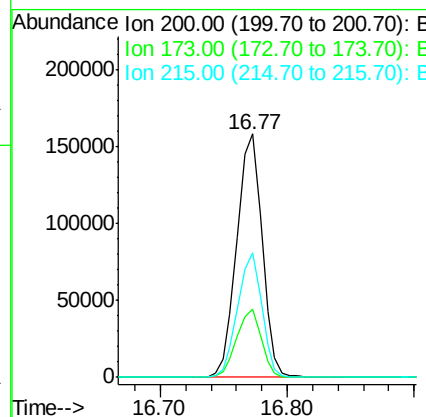
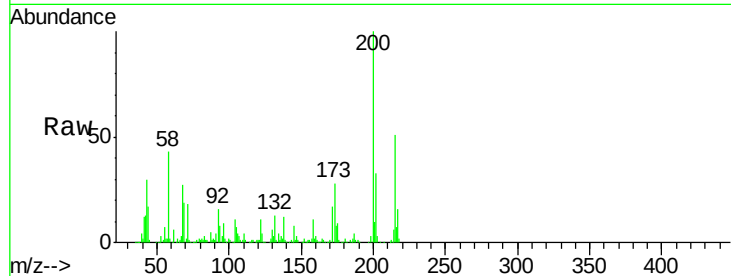




#69
Atrazine
Concen: 47.138 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

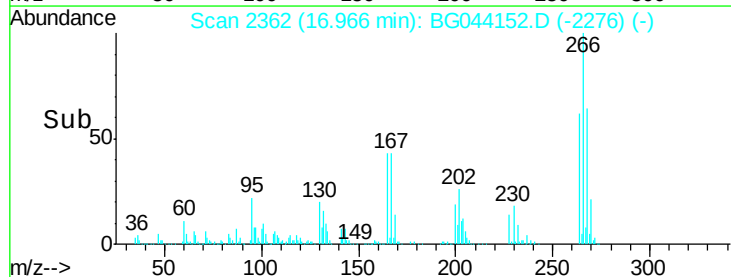
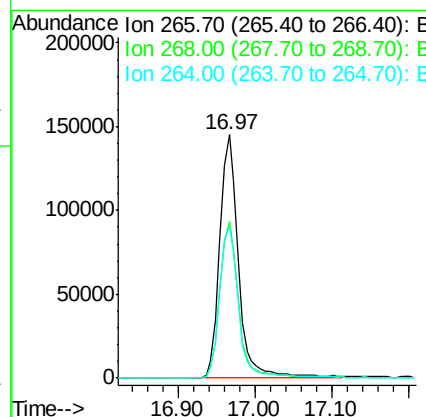
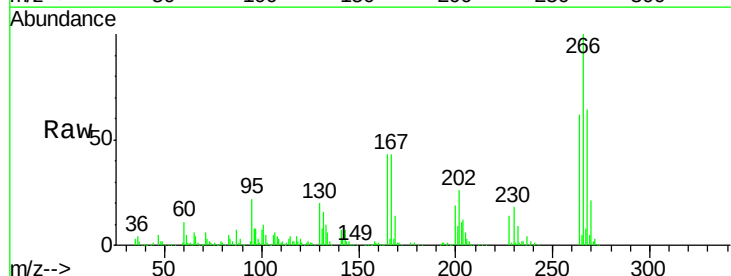
Instrument :
BNA_G
ClientSampleId :

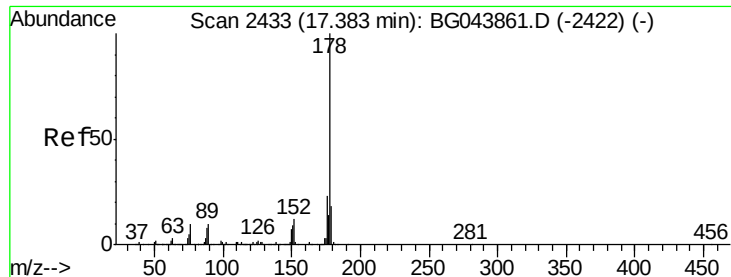
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	6.6	46.6
215	51.1	28.6	68.6



#70
Pentachlorophenol
Concen: 75.978 ng
RT: 16.97 min Scan# 2362
Delta R.T. -0.02 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.6	79.0
264	62.5	50.8	76.2





#71

Phenanthrene

Concen: 43.793 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

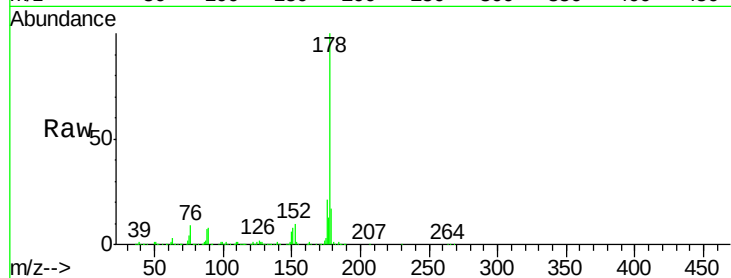
Tot Ion:178 Resp: 1012981

Ion Ratio Lower Upper

178 100

176 21.4 18.6 28.0

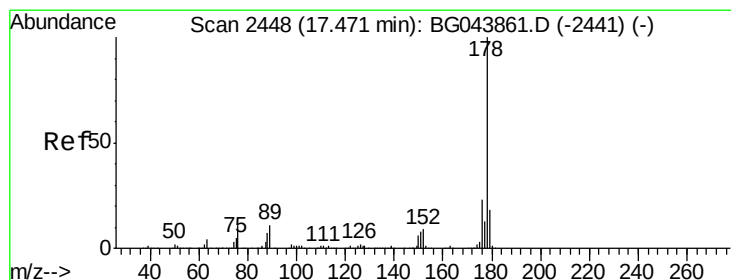
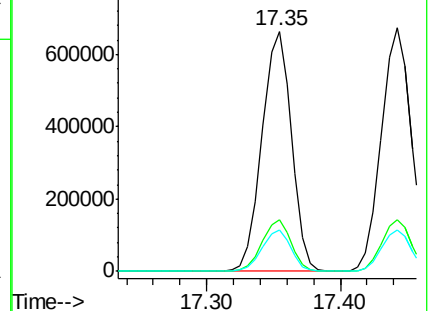
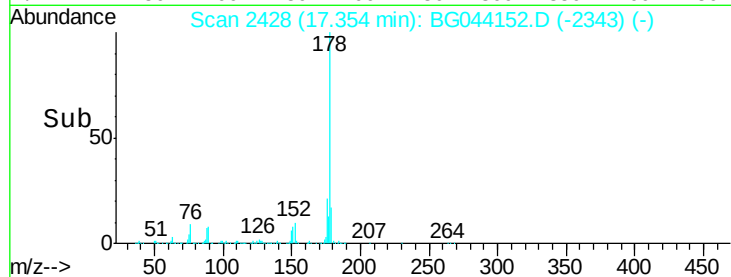
179 17.0 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.812 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

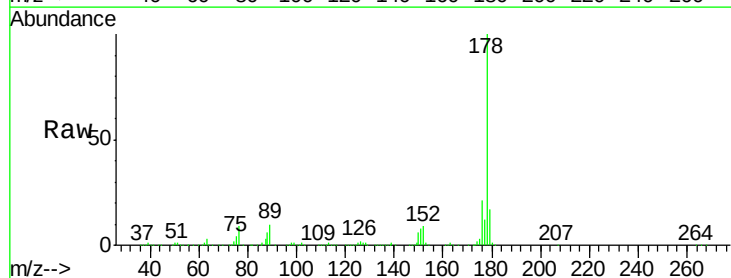
Tgt Ion:178 Resp: 1047261

Ion Ratio Lower Upper

178 100

176 20.9 18.3 27.5

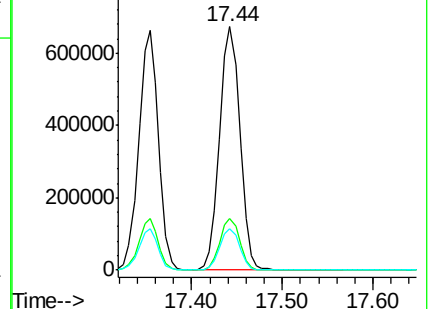
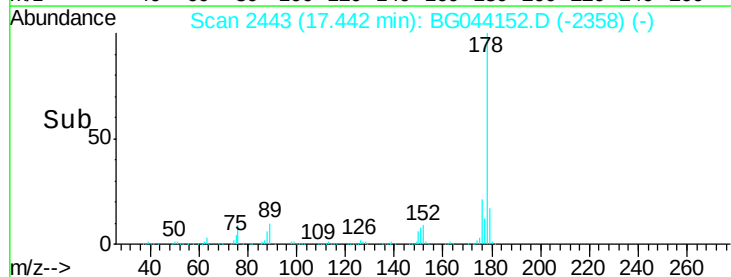
179 17.0 14.6 22.0

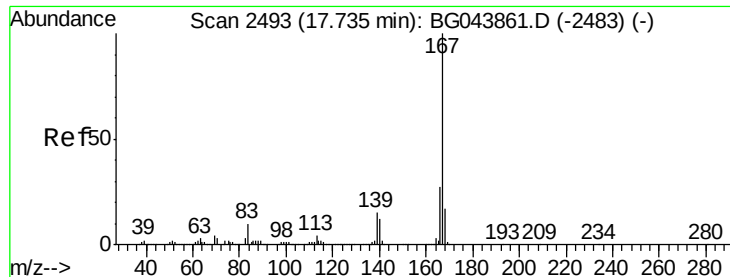


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.912 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

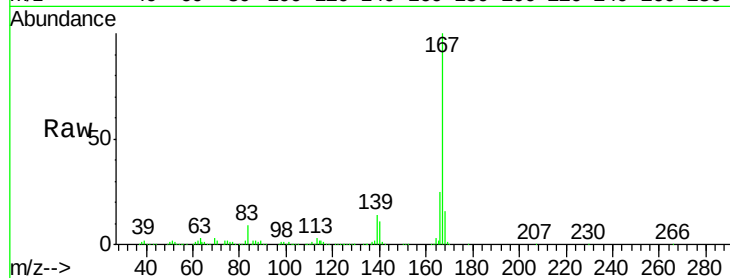
Tot Ion:167 Resp: 927249

Ion Ratio Lower Upper

167 100

166 24.7 21.6 32.4

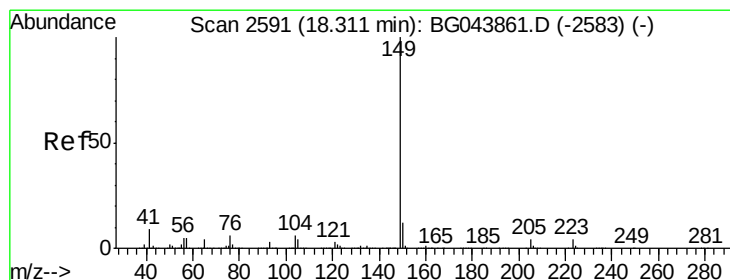
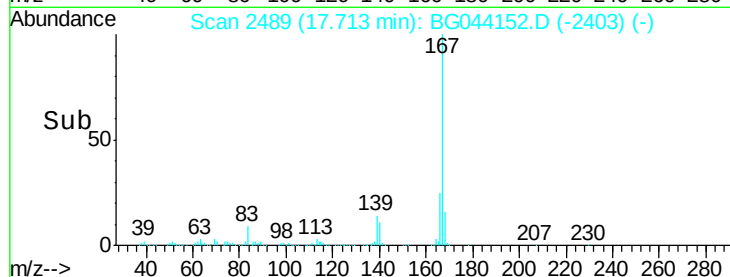
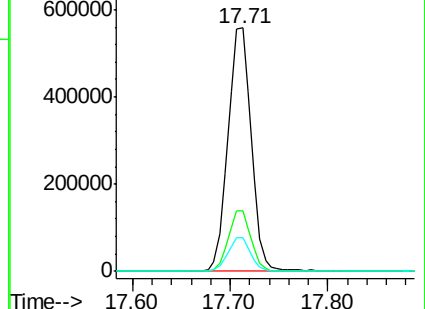
139 13.9 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.728 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

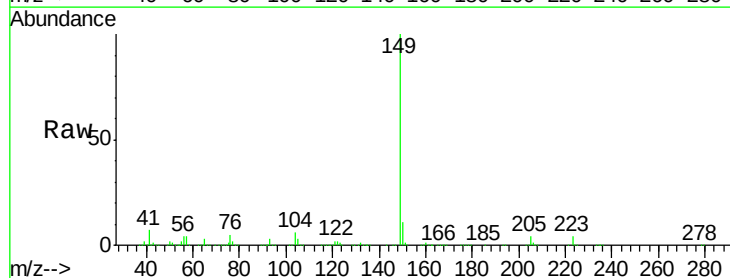
Tgt Ion:149 Resp: 1151973

Ion Ratio Lower Upper

149 100

150 10.9 9.7 14.5

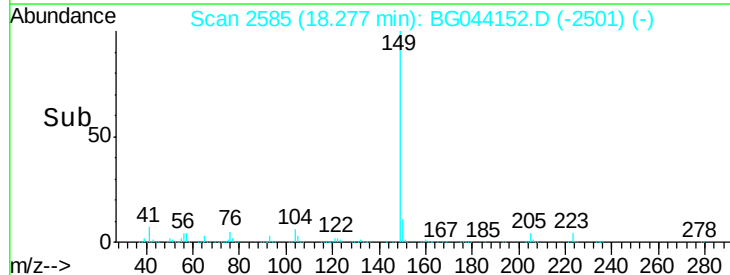
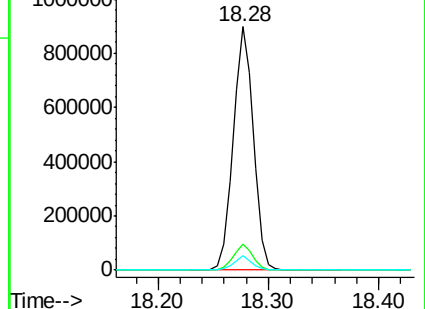
104 5.8 5.0 7.4

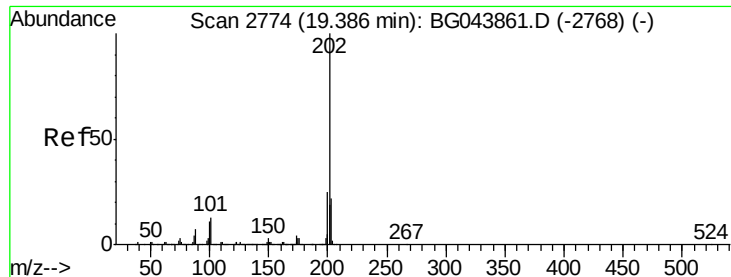


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.613 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

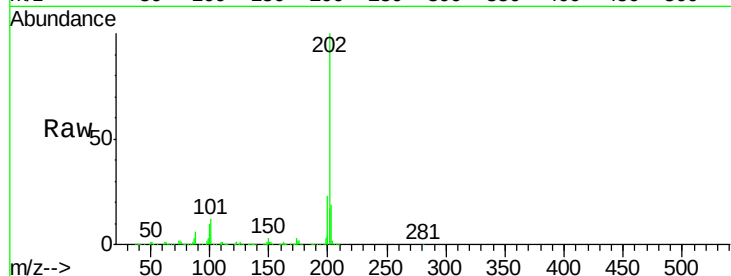
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1153726

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.3
203	19.3	1.6	41.6

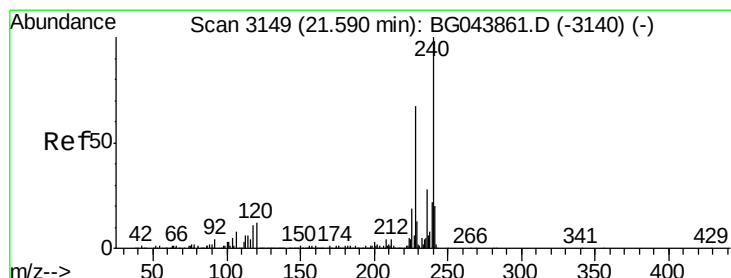
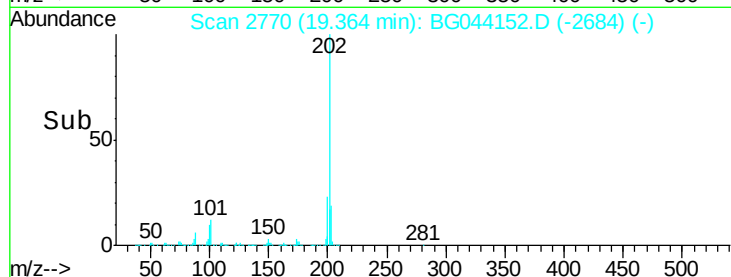
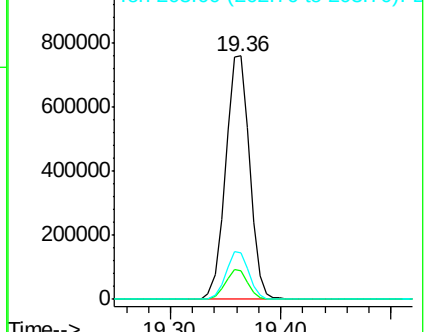


Abundance

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: 21.56 min Scan# 3143

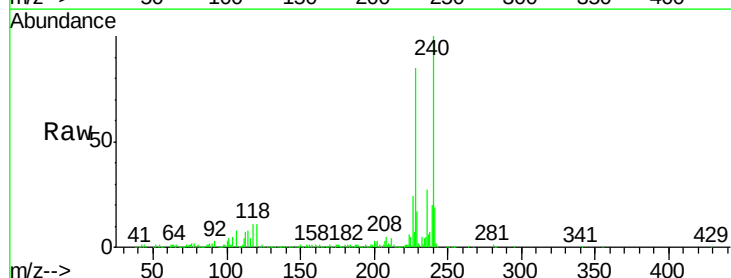
Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion:240 Resp: 411856

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	27.1	22.2	33.2

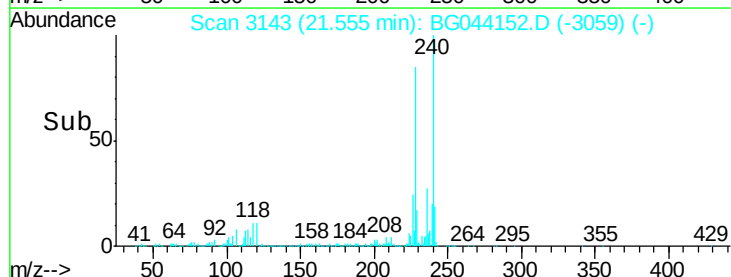
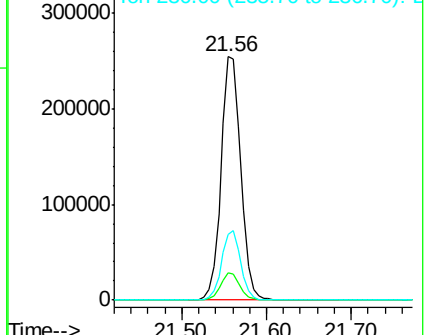


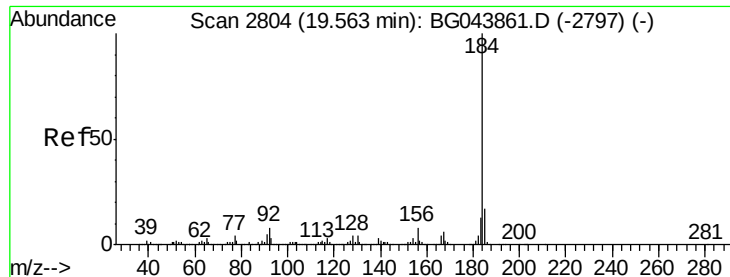
Abundance

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: 47.530 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

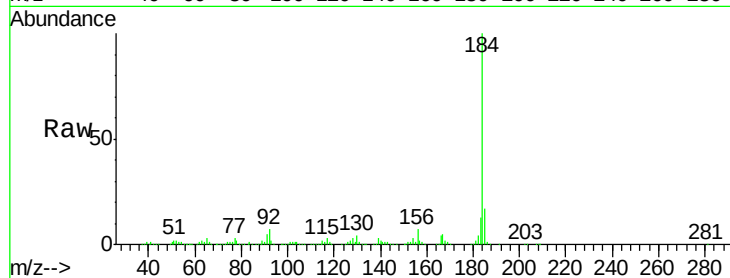
Tot Ion:184 Resp: 492048

Ion Ratio Lower Upper

184 100

185 16.6 13.4 20.0

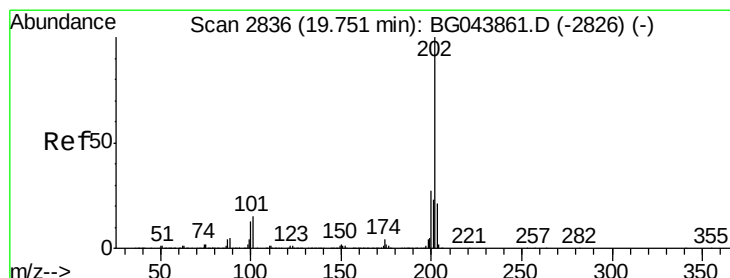
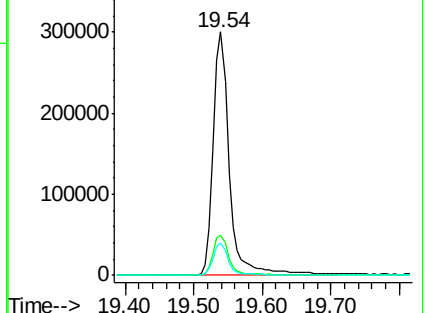
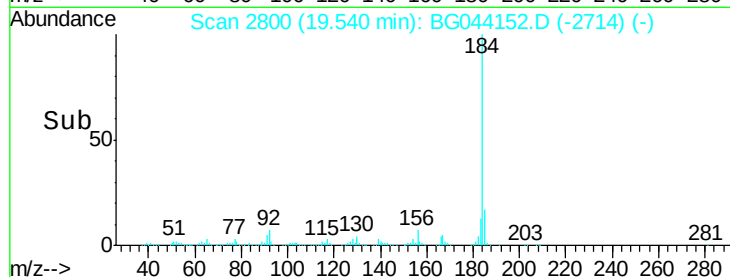
183 13.1 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.042 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

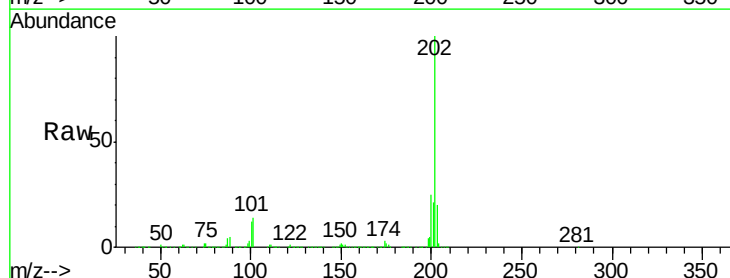
Tgt Ion:202 Resp: 1157114

Ion Ratio Lower Upper

202 100

200 24.5 21.7 32.5

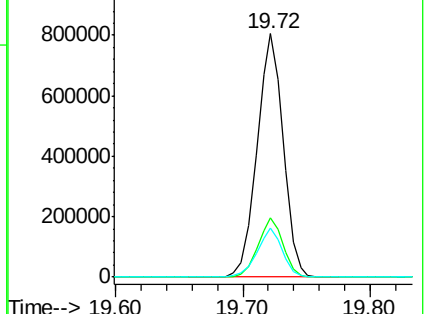
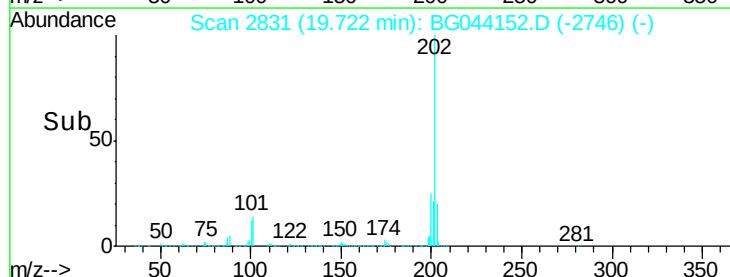
203 20.0 17.0 25.6

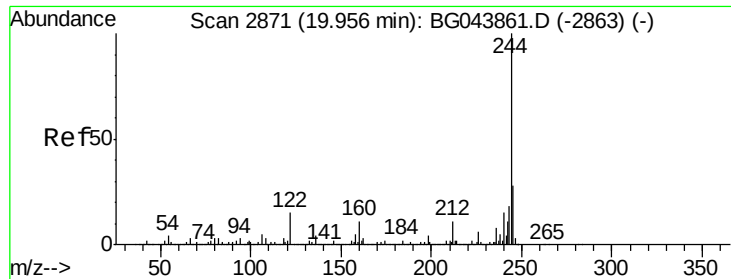


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.867 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampled :

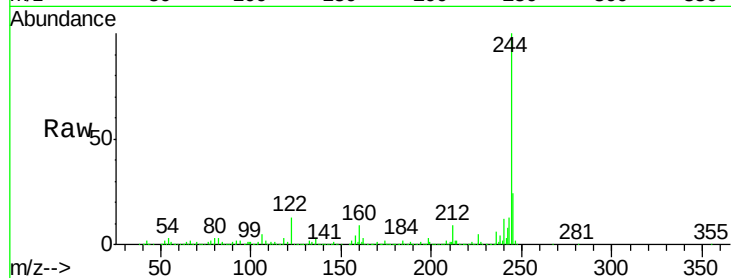
Tot Ion:244 Resp: 1462828

Ion Ratio Lower Upper

244 100

212 8.9 8.6 13.0

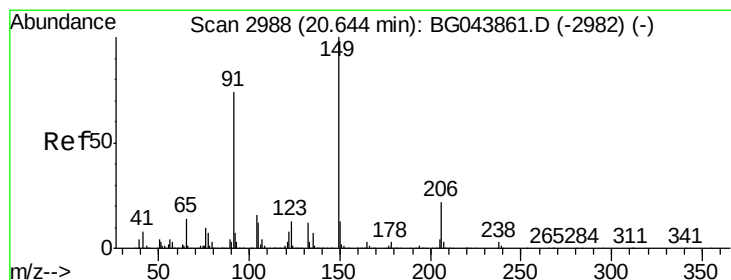
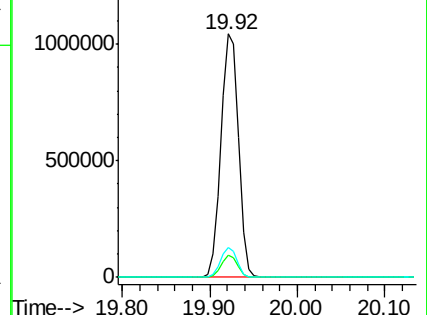
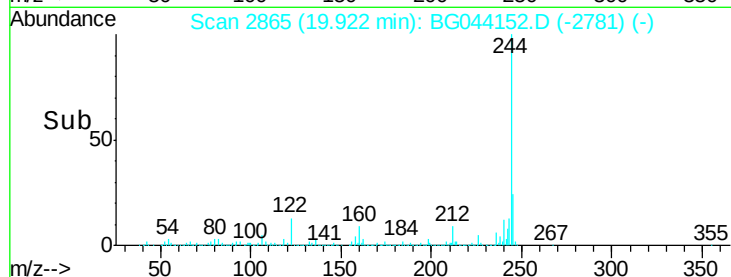
122 12.5 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.325 ng

RT: 20.62 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

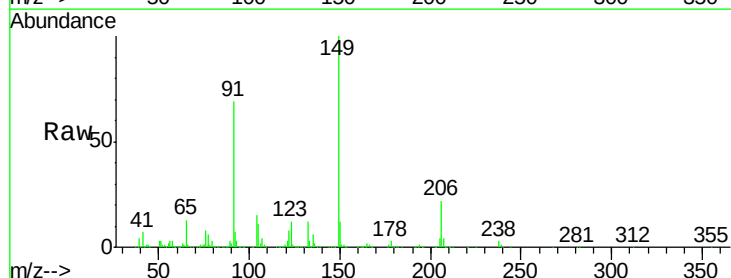
Tgt Ion:149 Resp: 528924

Ion Ratio Lower Upper

149 100

91 68.9 59.5 89.3

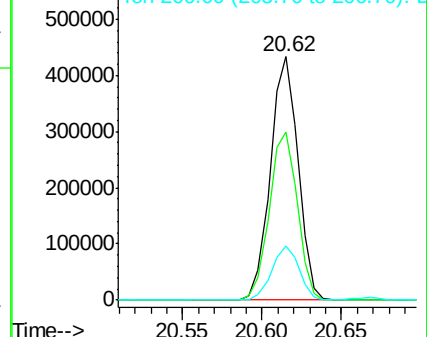
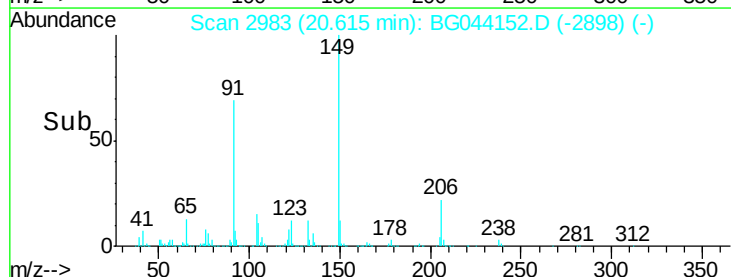
206 22.2 17.8 26.6

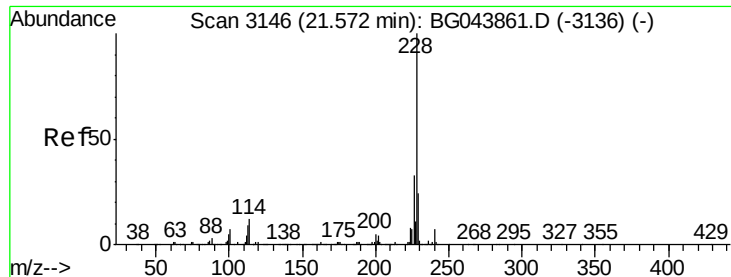


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.561 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

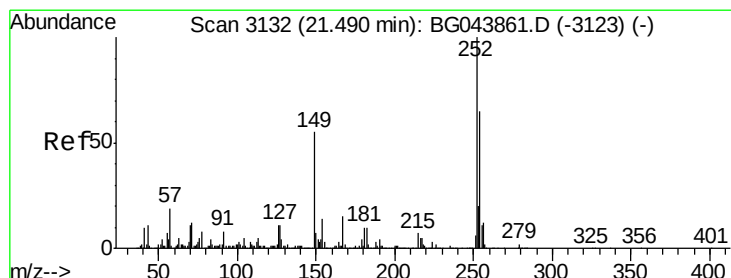
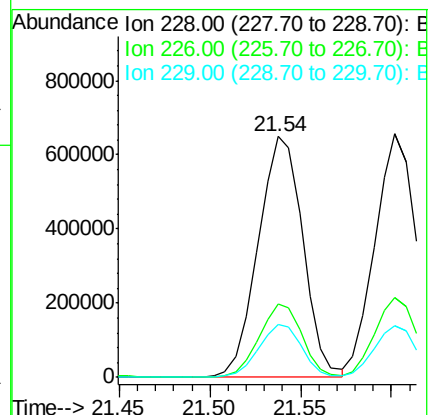
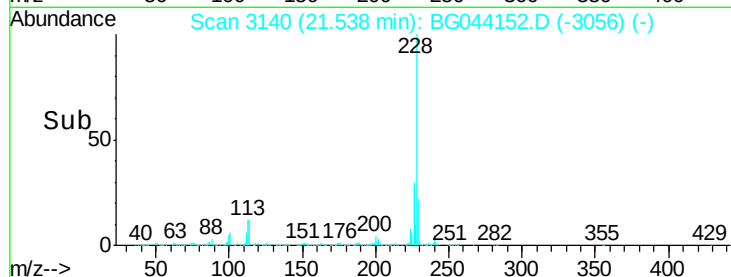
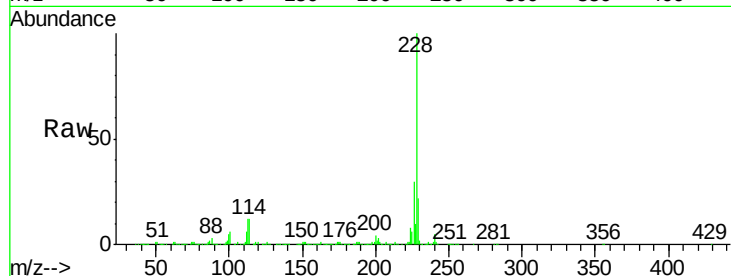
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1112455

Ion	Ratio	Lower	Upper
228	100		
226	30.3	26.2	39.4
229	22.2	18.9	28.3



#82

3,3'-Dichlorobenzidine

Concen: 30.987 ng

RT: 21.46 min Scan# 3126

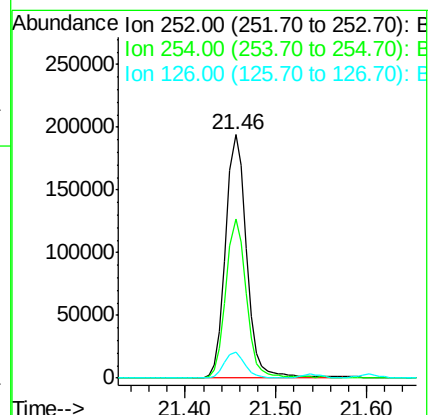
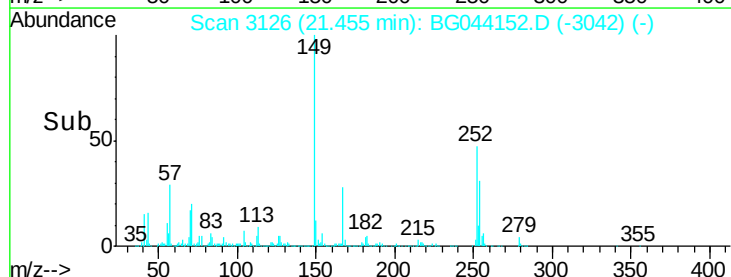
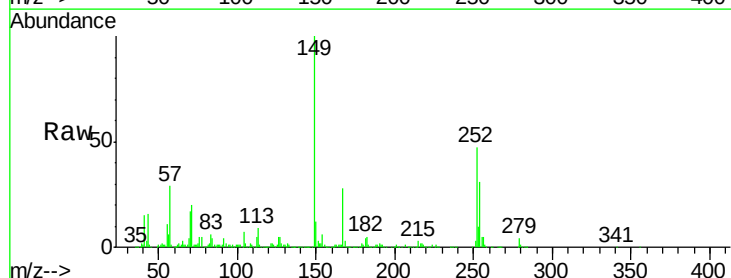
Delta R.T. -0.03 min

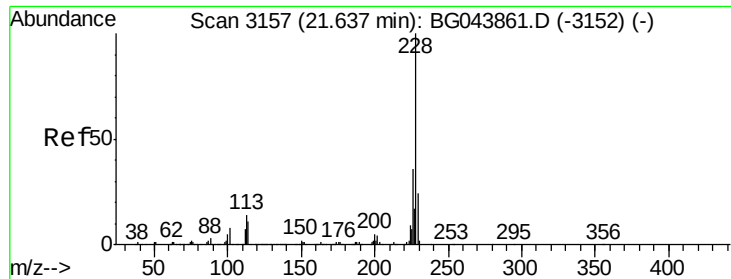
Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion:252 Resp: 312640

Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	10.5	9.1	13.7





#83

Chrysene

Concen: 43.207 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.03 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

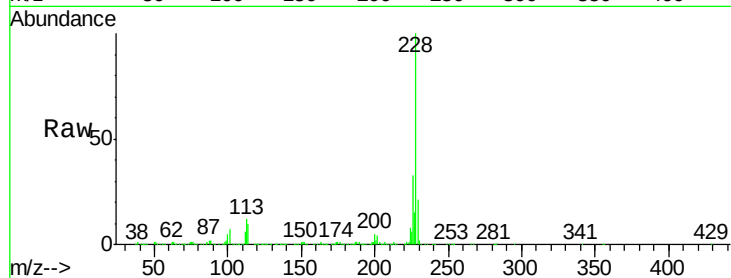
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1048463

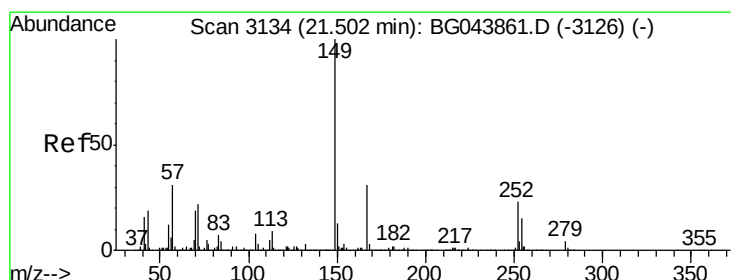
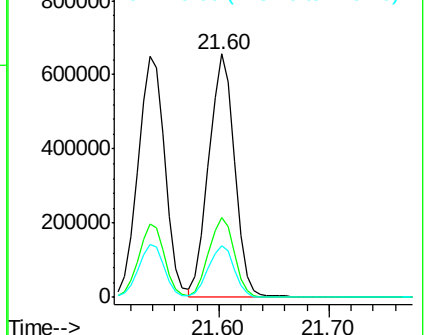
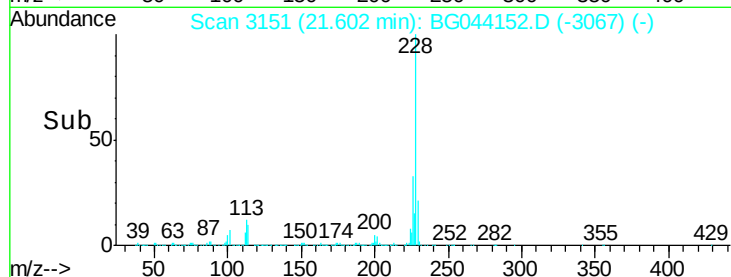
Ion	Ratio	Lower	Upper
228	100		
226	32.7	28.8	43.2
229	21.1	19.0	28.6



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: 42.517 ng

RT: 21.46 min Scan# 3127

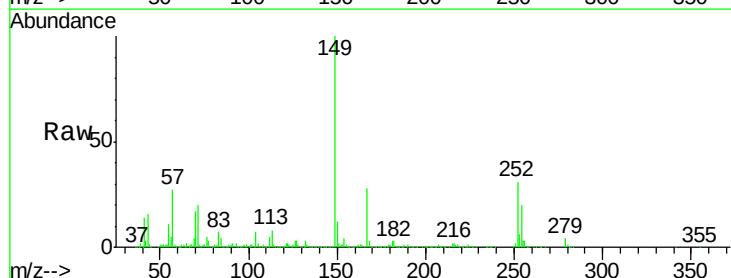
Delta R.T. -0.04 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Tgt Ion:149 Resp: 750863

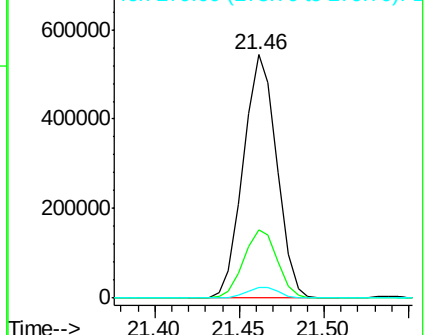
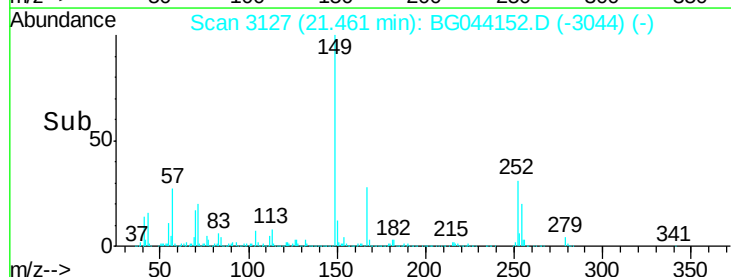
Ion	Ratio	Lower	Upper
149	100		
167	28.3	24.7	37.1
279	4.1	3.3	4.9

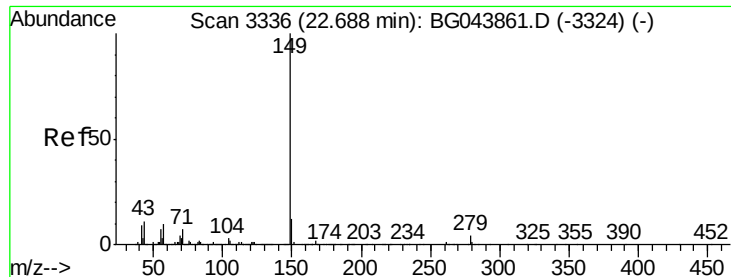


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.080 ng

RT: 22.64 min Scan# 3327

Delta R.T. -0.05 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampled :

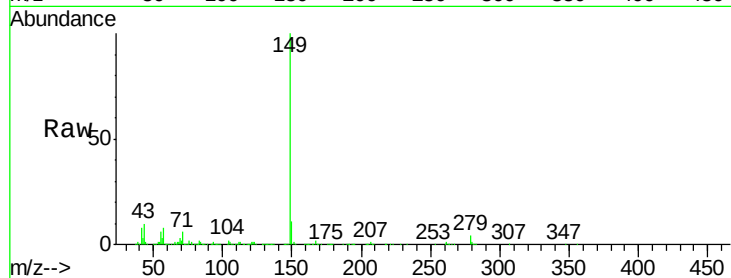
Tot Ion:149 Resp: 1308712

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

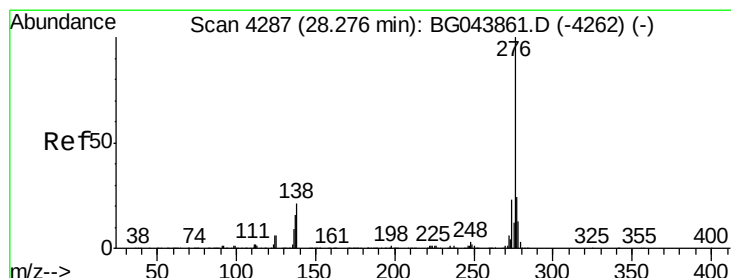
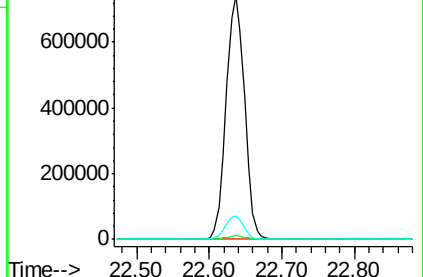
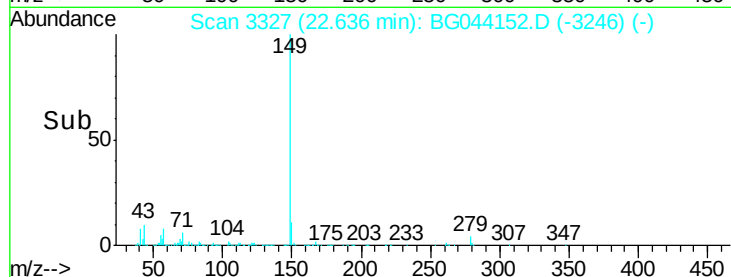
43 9.6 8.8 13.2



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: 40.962 ng

RT: 28.19 min Scan# 4272

Delta R.T. -0.09 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

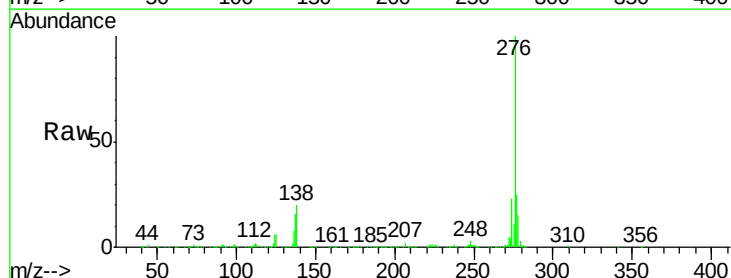
Tgt Ion:276 Resp: 1350822

Ion Ratio Lower Upper

276 100

138 25.5 21.0 31.4

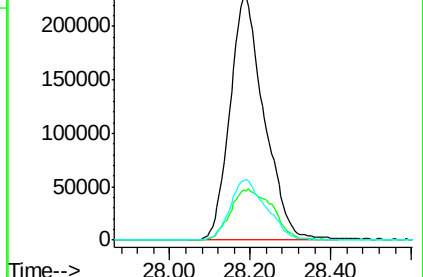
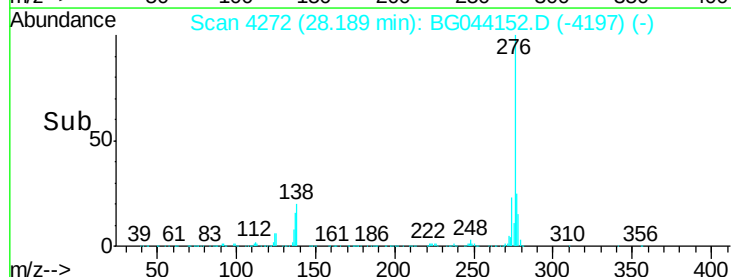
277 26.3 21.1 31.7

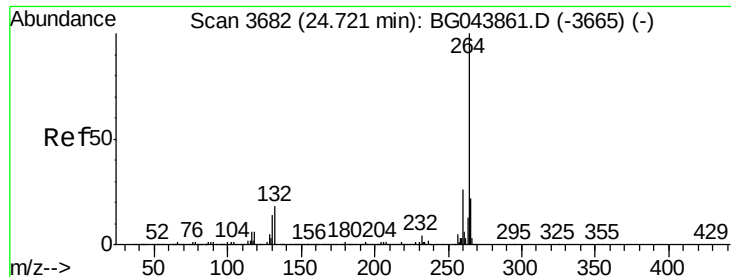


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

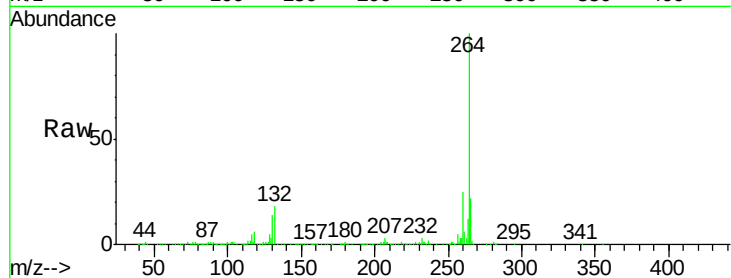
Tot Ion:264 Resp: 465969

Ion Ratio Lower Upper

264 100

260 25.3 20.4 30.6

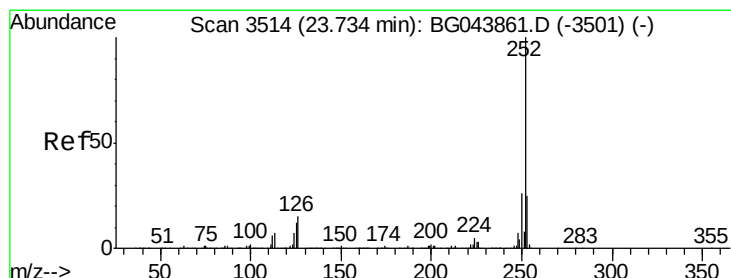
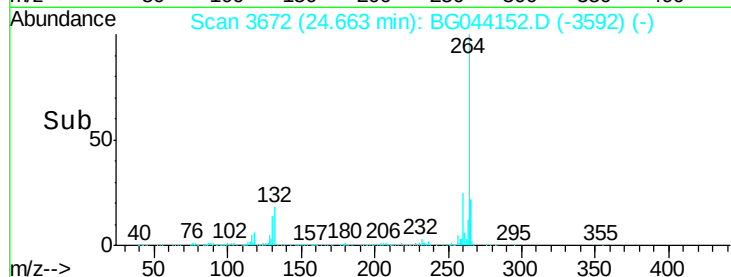
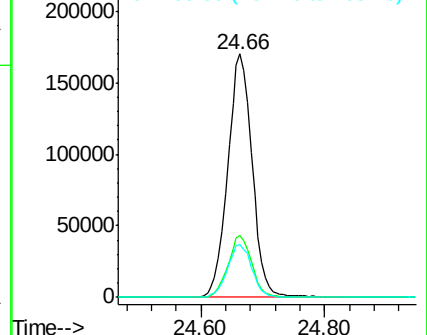
265 21.7 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.434 ng

RT: 23.68 min Scan# 3505

Delta R.T. -0.05 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

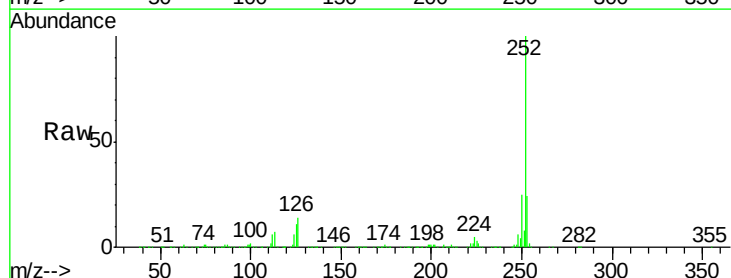
Tgt Ion:252 Resp: 1168938

Ion Ratio Lower Upper

252 100

253 23.6 19.7 29.5

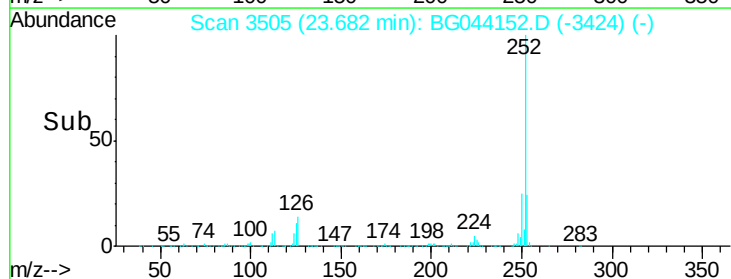
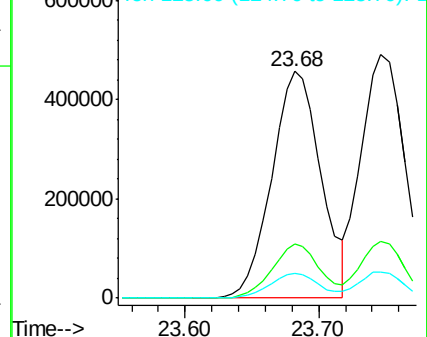
125 11.0 9.4 14.2

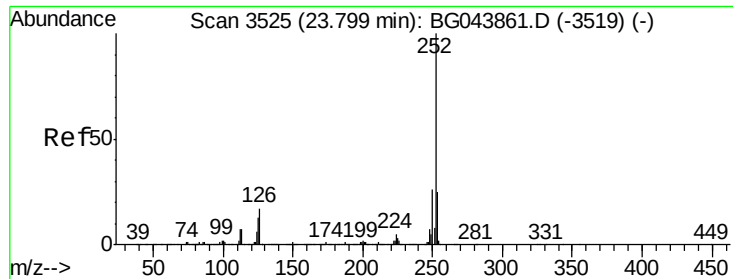


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.804 ng

RT: 23.75 min Scan# 3516

Delta R.T. -0.05 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

Instrument :

BNA_G

ClientSampleId :

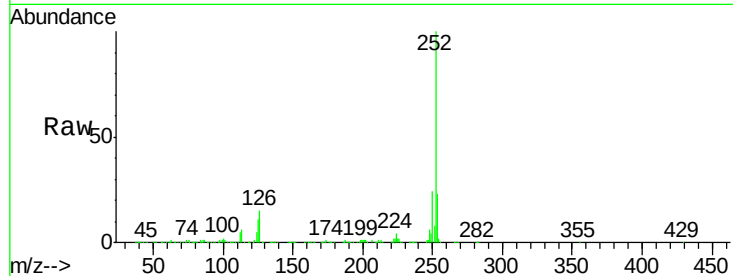
Tot Ion:252 Resp: 1121273

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.2

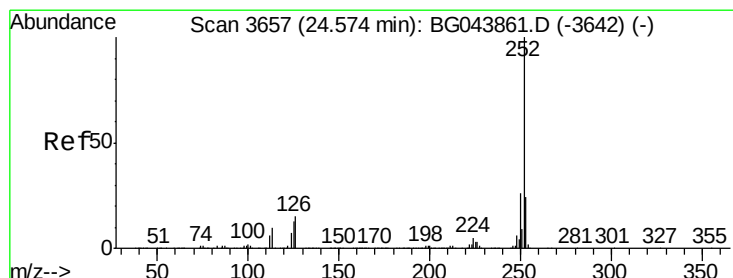
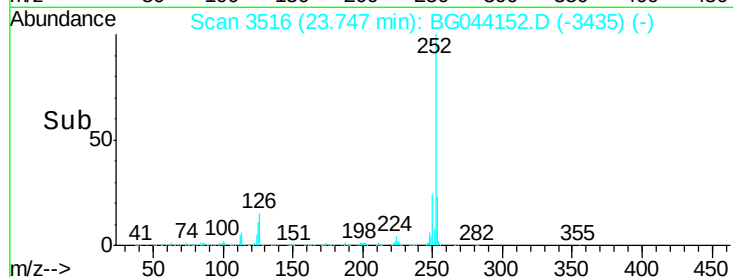
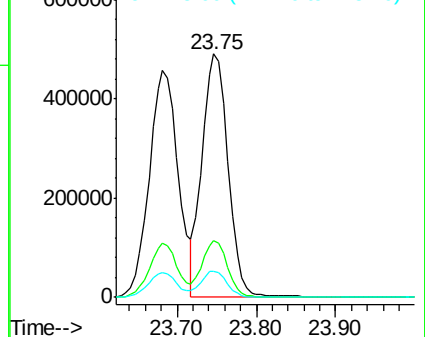
125 10.8 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.392 ng

RT: 24.52 min Scan# 3648

Delta R.T. -0.05 min

Lab File: BG044152.D

Acq: 22 Jan 2020 10:08

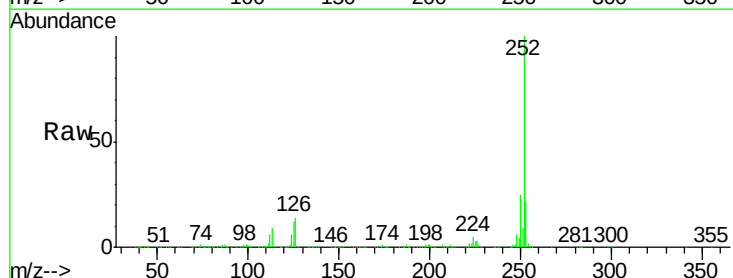
Tgt Ion:252 Resp: 1076174

Ion Ratio Lower Upper

252 100

253 22.3 19.3 28.9

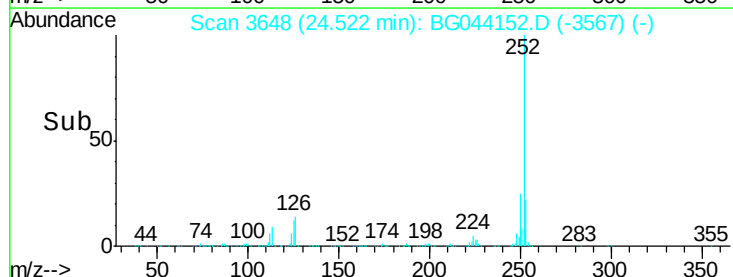
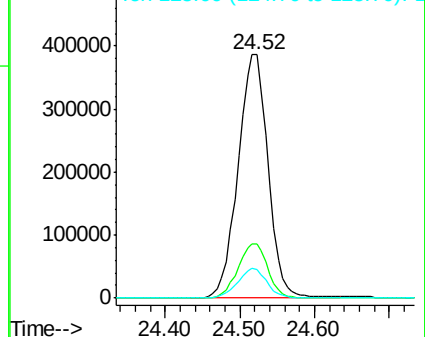
125 11.5 10.4 15.6

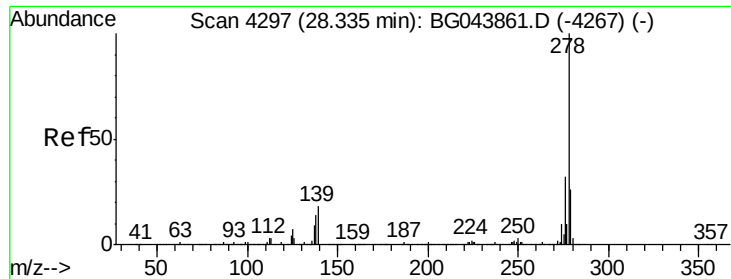


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

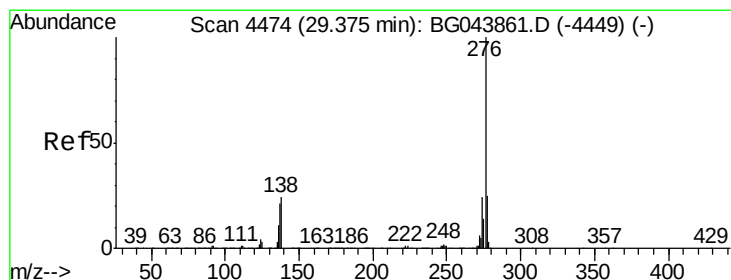
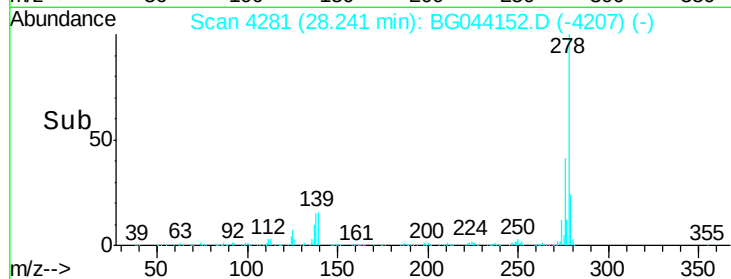
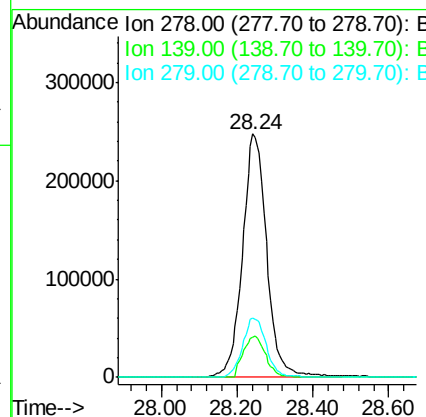
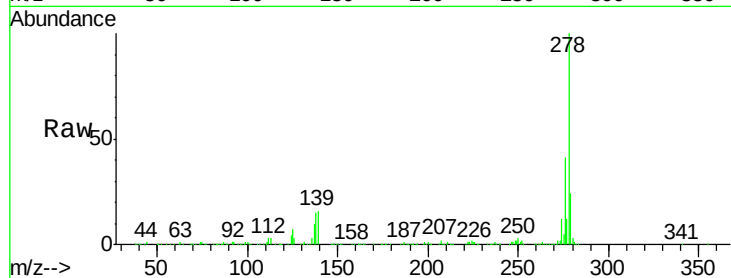




#91
Dibenzo(a,h)anthracene
Concen: 42.421 ng
RT: 28.24 min Scan# 4281
Delta R.T. -0.09 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1107659
Ion Ratio Lower Upper
278 100
139 16.2 14.2 21.4
279 24.2 20.6 30.8



#92
Benzo(g,h,i)perylene
Concen: 43.682 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.09 min
Lab File: BG044152.D
Acq: 22 Jan 2020 10:08

Tgt Ion:276 Resp: 1132966
Ion Ratio Lower Upper
276 100
277 23.4 20.2 30.4
138 21.7 19.0 28.6

