

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070620\
 Data File : BG045951.D
 Acq On : 6 Jul 2020 22:23
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG070620

Manual Integrations
 APPROVED

mohammad
 7/7/2020 12:03:38 PM

Quant Time: Jul 07 10:06:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	150590	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	579703	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	340309	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	703964	20.00	ng	0.00
76) Chrysene-d12	21.63	240	630066	20.00	ng	0.00
86) Perylene-d12	24.79	264	665136	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	734940	79.14	ng	0.00
7) Phenol-d6	7.17	99	1068099	79.89	ng	0.00
23) Nitrobenzene-d5	9.16	82	904988	89.86	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	275960	87.37	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1743857	79.93	ng	0.00
79) Terphenyl-d14	19.99	244	2226171	78.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	170963	39.905	ng	96
3) Pyridine	3.90	79	524303	40.473	ng	99
4) n-Nitrosodimethylamine	3.82	42	183448	41.879	ng	97
6) Aniline	7.33	93	684106	40.000	ng	100
8) 2-Chlorophenol	7.58	128	395946	39.609	ng	98
9) Benzaldehyde	7.14	77	318882	37.646	ng	96
10) Phenol	7.19	94	538135	40.126	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	447463	40.349	ng	99
12) 1,3-Dichlorobenzene	7.90	146	454385	39.436	ng	99
13) 1,4-Dichlorobenzene	8.05	146	448386	39.559	ng	100
14) 1,2-Dichlorobenzene	8.36	146	427631	39.200	ng	97
15) Benzyl Alcohol	8.24	79	421171	40.178	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	593634	41.027	ng	97
17) 2-Methylphenol	8.45	107	398578	39.608	ng	97
18) Hexachloroethane	9.10	117	175737	40.295	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	373296	39.746	ng	99
20) 3+4-Methylphenols	8.77	107	547274	39.904	ng	97
22) Acetophenone	8.83	105	617633	39.881	ng	98
24) Nitrobenzene	9.20	77	495722	44.594	ng	98
25) Isophorone	9.73	82	990209	40.273	ng	100
26) 2-Nitrophenol	9.91	139	176412	48.688	ng	96
27) 2,4-Dimethylphenol	9.98	122	351425	40.155	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	557659	40.390	ng	100
29) 2,4-Dichlorophenol	10.45	162	376024	41.505	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	404937	40.340	ng	99
31) Naphthalene	10.86	128	1236202	39.779	ng	100
32) Benzoic acid	10.12	122	226748	43.179	ng	92
33) 4-Chloroaniline	10.95	127	547736	39.442	ng	98
34) Hexachlorobutadiene	11.16	225	238574	40.704	ng	97
35) Caprolactam	11.72	113	139276	40.491	ng	95
36) 4-Chloro-3-methylphenol	12.08	107	418233	40.532	ng	99
37) 2-Methylnaphthalene	12.46	142	886333	40.121	ng	98
38) 1-Methylnaphthalene	12.68	142	827929	39.712	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	397970	41.485	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	238537	41.906	nq	99
43) 2,4,6-Trichlorophenol	13.06	196	281261	43.352	nq	97
44) 2,4,5-Trichlorophenol	13.13	196	315480	43.007	nq	98
46) 1,1'-Biphenyl	13.47	154	1033637	40.376	nq	99
47) 2-Chloronaphthalene	13.51	162	813740	40.287	nq	99
48) 2-Nitroaniline	13.70	65	257735	45.690	nq	98
49) Acenaphthylene	14.36	152	1303774	40.006	nq	100
50) Dimethylphthalate	14.09	163	1021094	39.981	nq	99
51) 2,6-Dinitrotoluene	14.20	165	201681	44.417	nq	97
52) Acenaphthene	14.70	154	833952	40.570	nq	98
53) 3-Nitroaniline	14.53	138	241566	43.403	nq	# 93
54) 2,4-Dinitrophenol	14.73	184	73376	45.770	nq	93
55) Dibenzofuran	15.03	168	1201625	39.879	nq	99
56) 4-Nitrophenol	14.83	139	189596	45.566	nq	98
57) 2,4-Dinitrotoluene	14.98	165	262092	44.981	nq	# 98
58) Fluorene	15.68	166	979664	39.633	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	246355m	43.498	nq	
60) Diethylphthalate	15.46	149	1051225	39.248	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	488096	39.691	nq	99
62) 4-Nitroaniline	15.69	138	250412	47.440	nq	95
63) Azobenzene	15.96	77	1145595	39.851	nq	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	107600	44.902	nq	96
66) n-Nitrosodiphenylamine	15.88	169	865436	39.672	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	317618	40.398	nq	97
68) Hexachlorobenzene	16.69	284	319961	40.555	nq	98
69) Atrazine	16.83	200	263466	40.849	nq	98
70) Pentachlorophenol	17.02	266	203109	46.303	nq	98
71) Phenanthrene	17.42	178	1474632	39.623	nq	99
72) Anthracene	17.50	178	1500111	39.718	nq	100
73) Carbazole	17.77	167	1495160	39.494	nq	99
74) Di-n-butylphthalate	18.35	149	1785989	39.040	nq	100
75) Fluoranthene	19.42	202	1703659	39.599	nq	99
77) Benzidine	19.60	184	684572	38.000	nq	99
78) Pyrene	19.78	202	1735869	40.361	nq	100
80) Butylbenzylphthalate	20.68	149	843475	41.501	nq	96
81) Benzo(a)anthracene	21.62	228	1629724	39.338	nq	100
82) 3,3'-Dichlorobenzidine	21.53	252	615482	40.205	nq	98
83) Chrysene	21.68	228	1558786	39.495	nq	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	1171871	39.722	nq	99
85) Di-n-octyl phthalate	22.76	149	2039485	39.836	nq	100
87) Indeno(1,2,3-cd)pyrene	28.38	276	2017607	41.464	nq	100
88) Benzo(b)fluoranthene	23.80	252	1732089	41.022	nq	99
89) Benzo(k)fluoranthene	23.87	252	1631456	40.863	nq	100
90) Benzo(a)pyrene	24.65	252	1631396	41.089	nq	99
91) Dibenzo(a,h)anthracene	28.45	278	1600925	40.791	nq	98
92) Benzo(g,h,i)perylene	29.49	276	1611514	40.802	nq	99

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

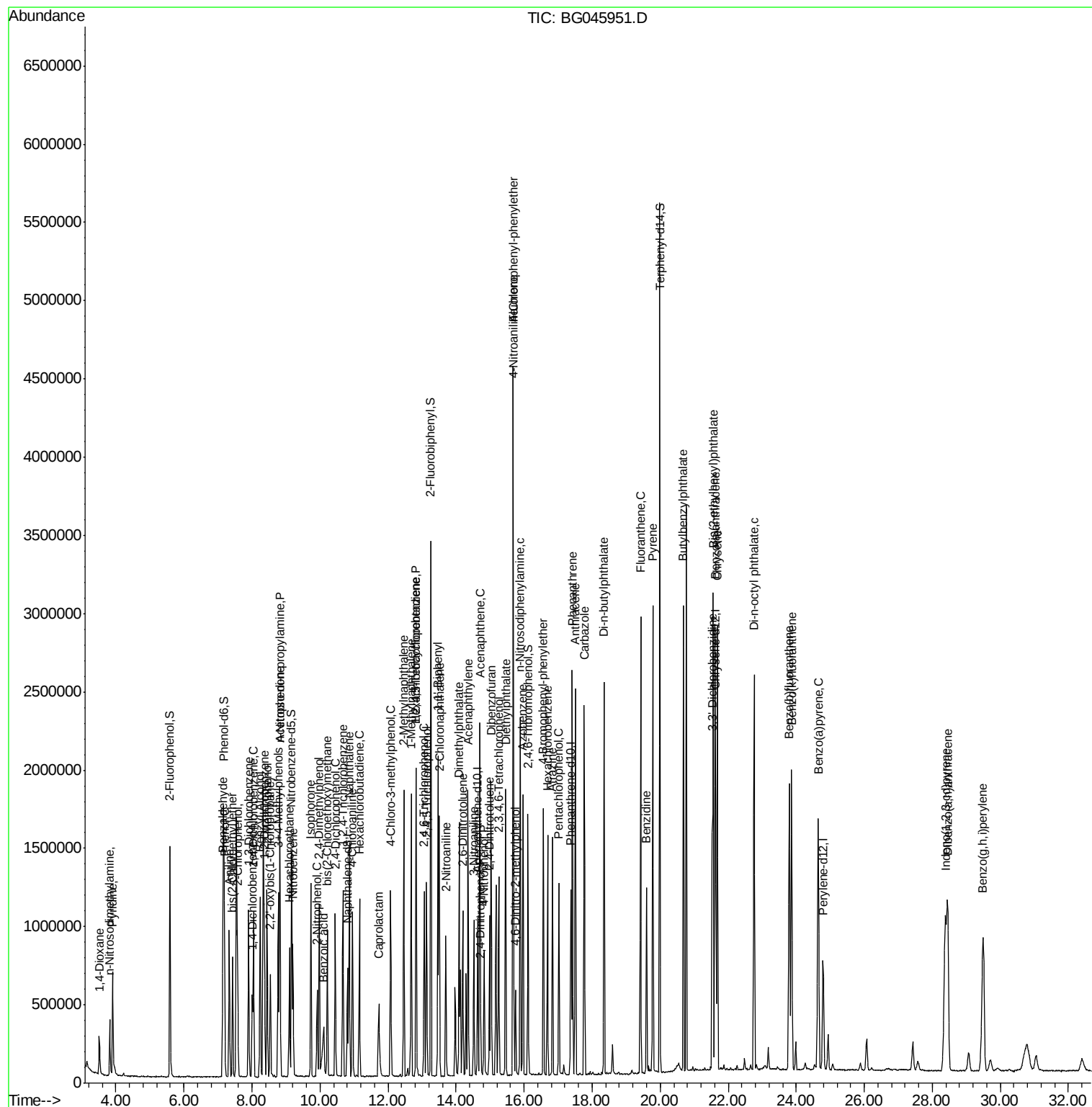
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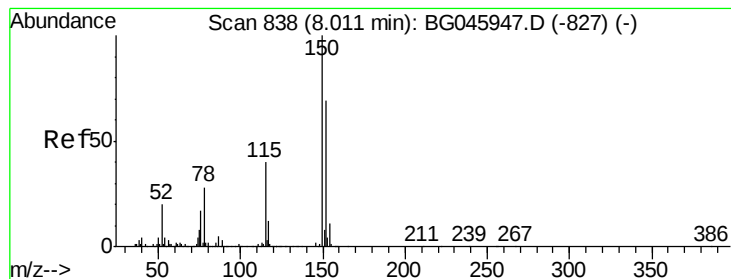
Instrument :
BNA_G
ClientSampleId :
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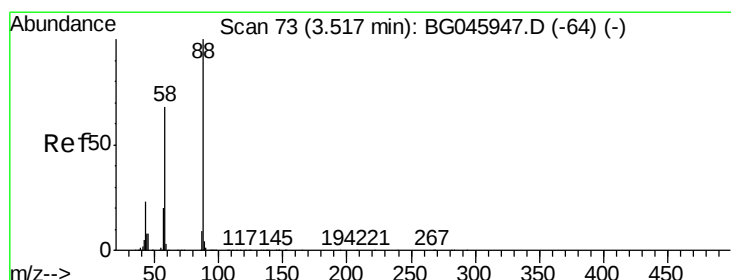
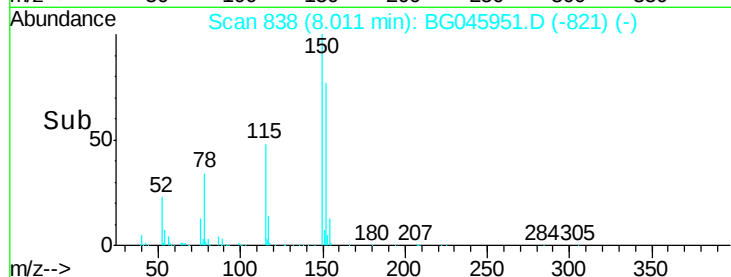
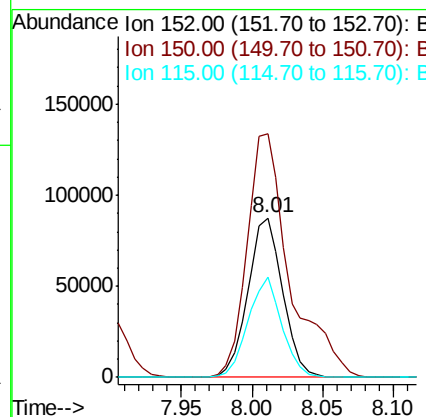
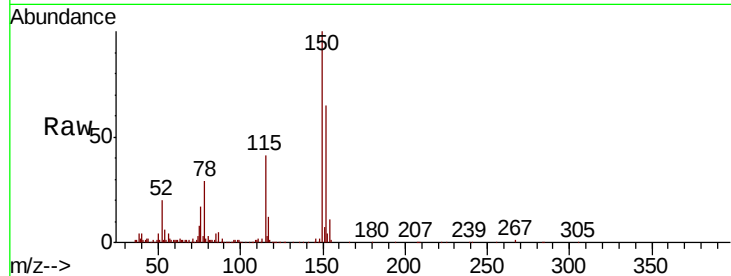
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG070620

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	116.7	175.1
115	62.8	47.4	71.0

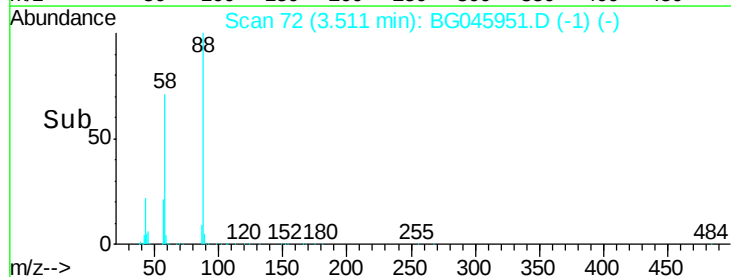
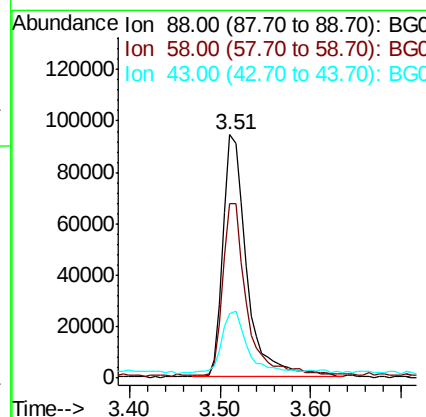
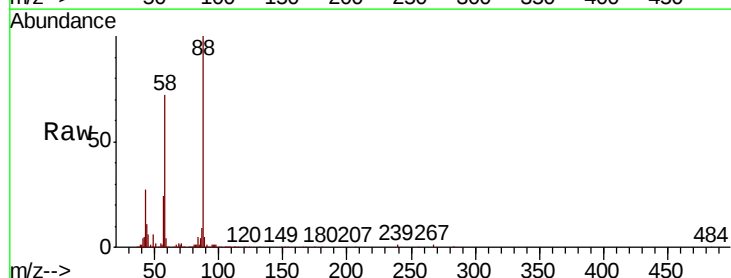
Manual Integrations
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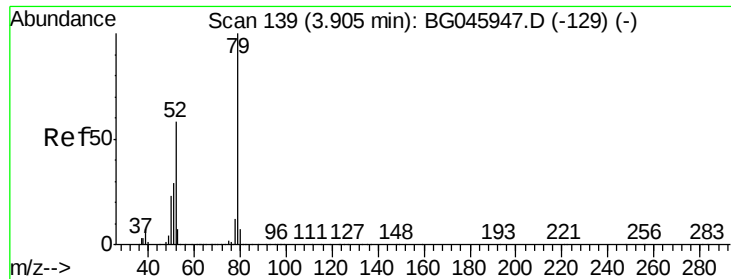
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#2
 1,4-Dioxane
 Concen: 39.905 ng
 RT: 3.51 min Scan# 72
 Delta R.T. -0.01 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	55.2	82.8
43	26.7	19.4	29.0





#3

Pvridine

Concen: 40.473 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

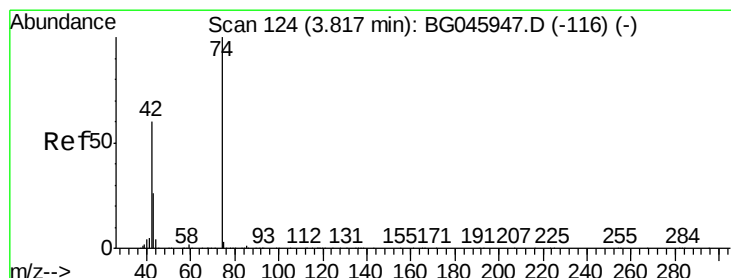
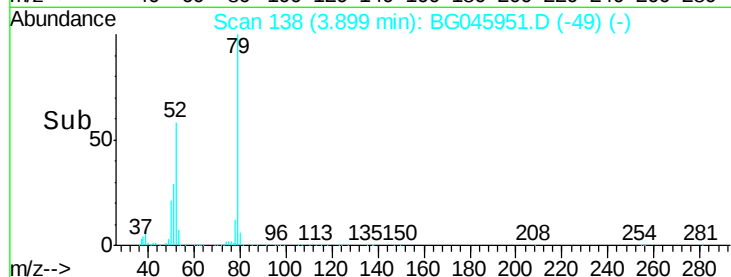
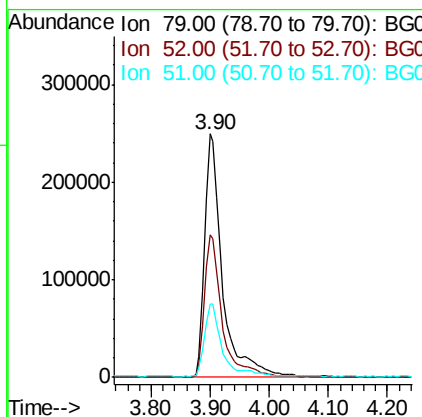
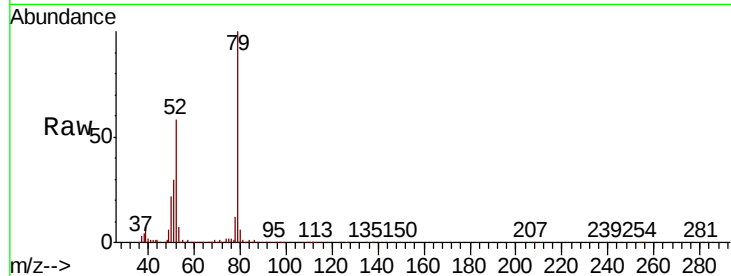
ClientSampleId :

ICVBG070620

Tot Ion:	79	Resp:	524303
Ion	Ratio	Lower	Upper
79	100		
52	58.4	46.5	69.7
51	30.1	23.5	35.3

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#4

n-Nitrosodimethylamine

Concen: 41.879 ng

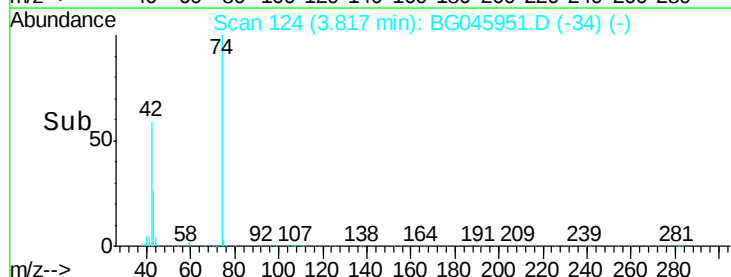
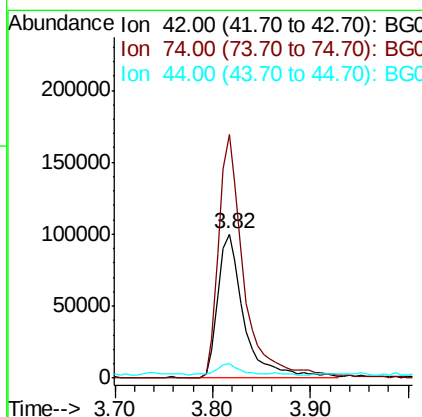
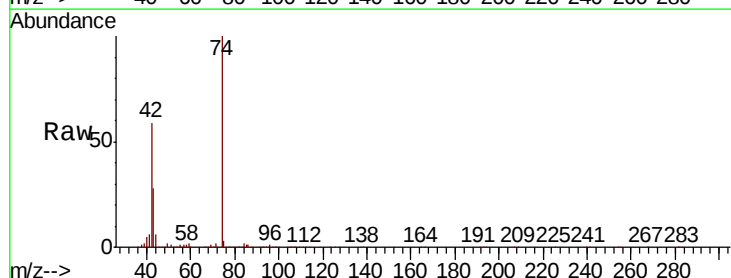
RT: 3.82 min Scan# 124

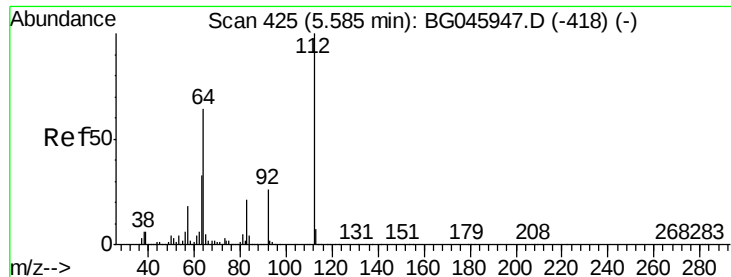
Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion:	42	Resp:	183448
Ion	Ratio	Lower	Upper
42	100		
74	169.1	131.9	197.9
44	10.2	7.7	11.5





#5

2-Fluorophenol

Concen: 79.144 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

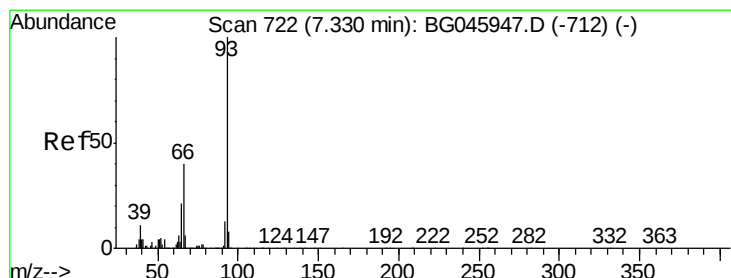
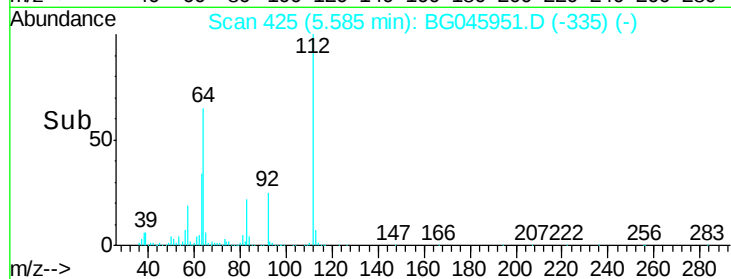
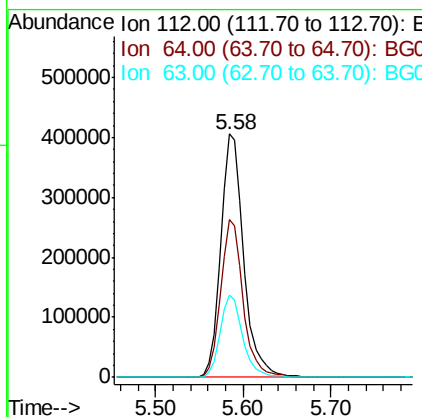
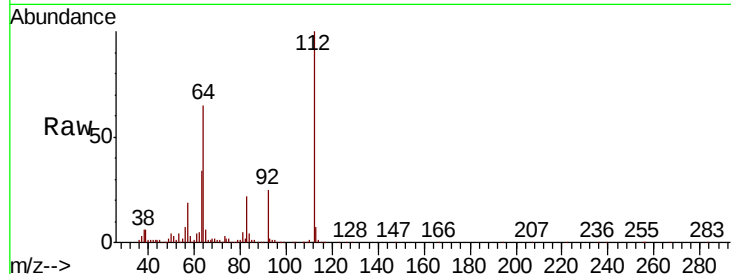
ClientSampleId :

ICVBG070620

Tot Ion:	112	Resp:	734940
Ion Ratio	Lower	Upper	
112	100		
64	65.0	51.4	77.2
63	34.0	26.6	40.0

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#6

Aniline

Concen: 40.000 ng

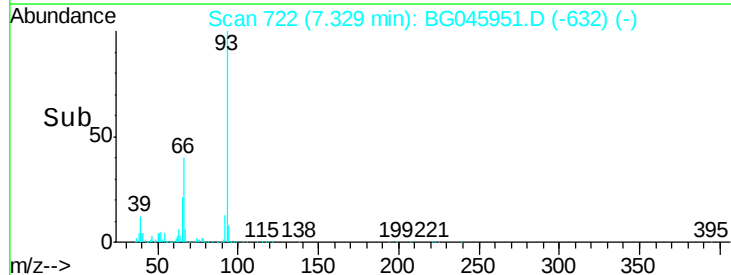
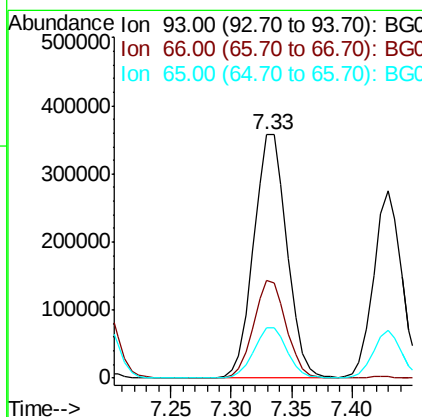
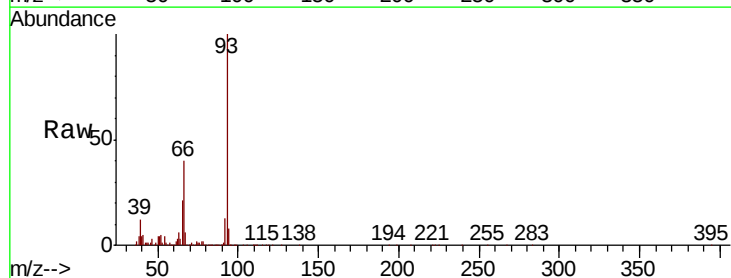
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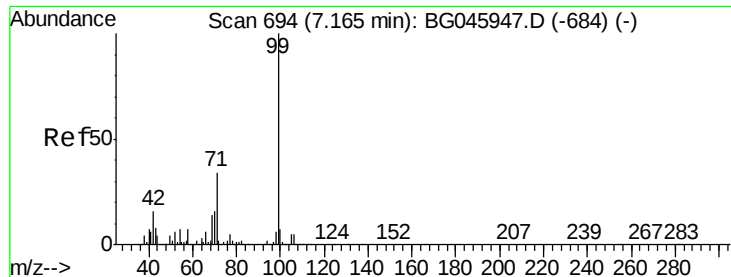
Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion:	93	Resp:	684106
Ion Ratio	Lower	Upper	
93	100		
66	40.1	32.3	48.5
65	20.9	16.6	25.0





#7

Phenol-d6

Concen: 79.892 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

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ICVBG070620

Tot Ion: 99 Resp: 1068099

Ion Ratio Lower Upper

99 100

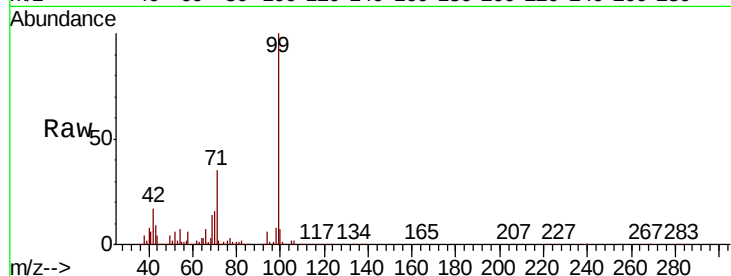
42 16.6 13.0 19.4

71 34.7 27.5 41.3

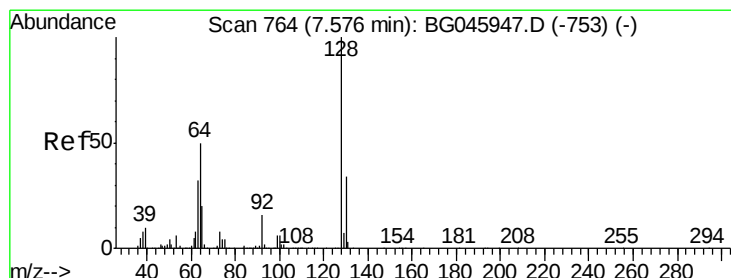
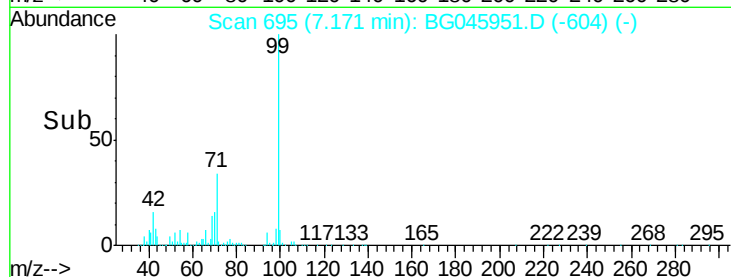
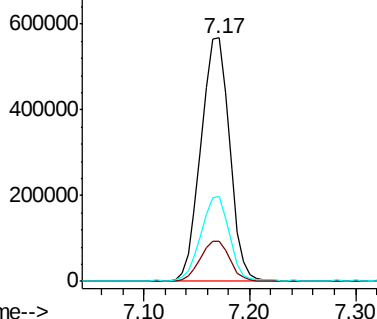
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.609 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

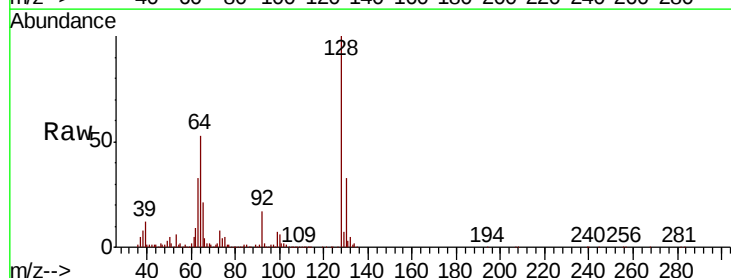
Tgt Ion:128 Resp: 395946

Ion Ratio Lower Upper

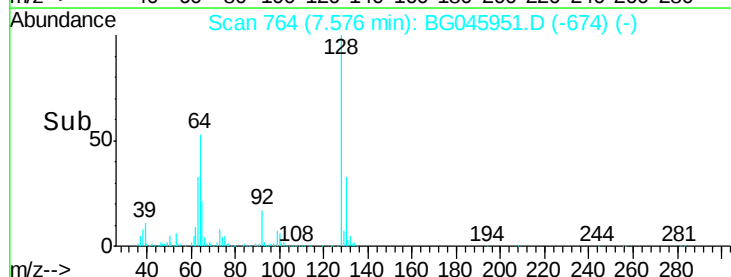
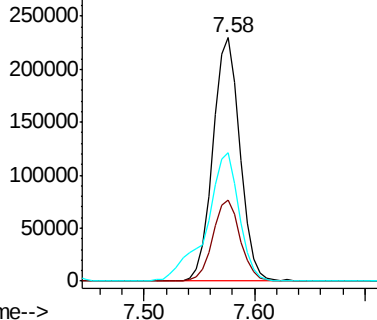
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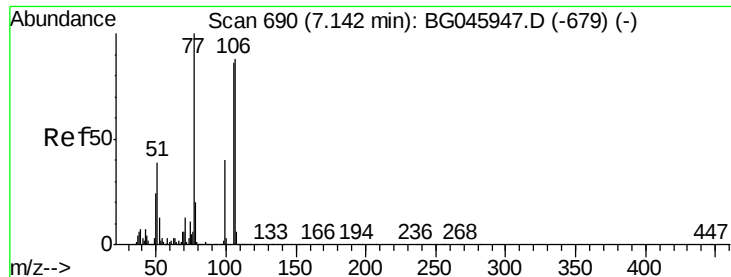
130 33.4 13.6 53.6

64 52.8 30.6 70.6



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: 37.646 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

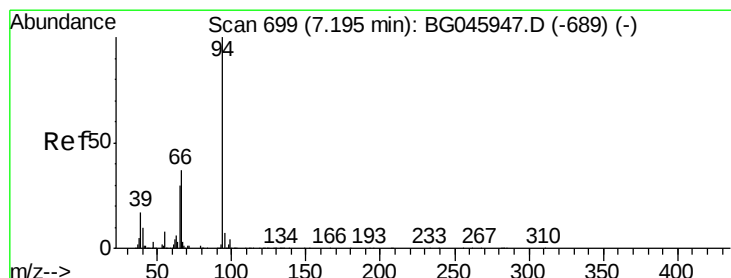
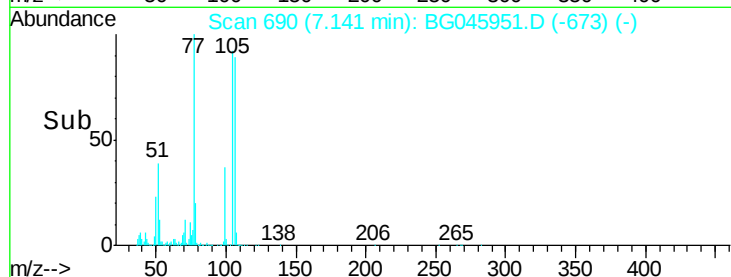
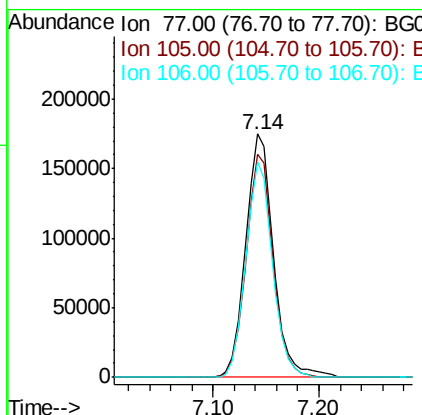
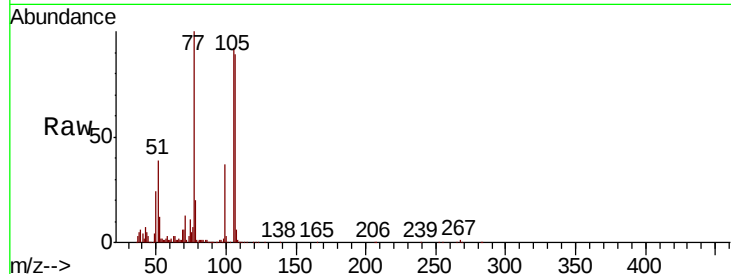
ClientSampleId :

ICVBG070620

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.8	66.0	106.0
106	88.6	67.7	107.7

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#10

Phenol

Concen: 40.126 ng

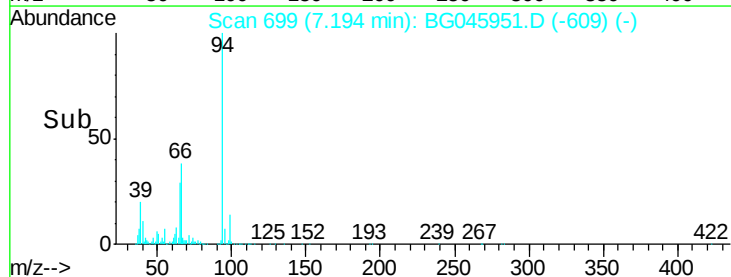
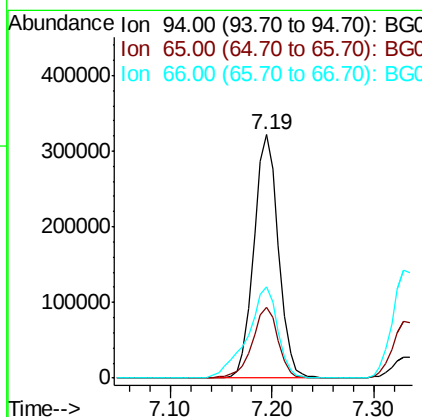
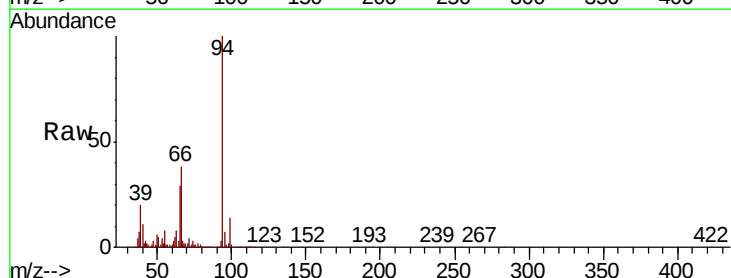
RT: 7.19 min Scan# 699

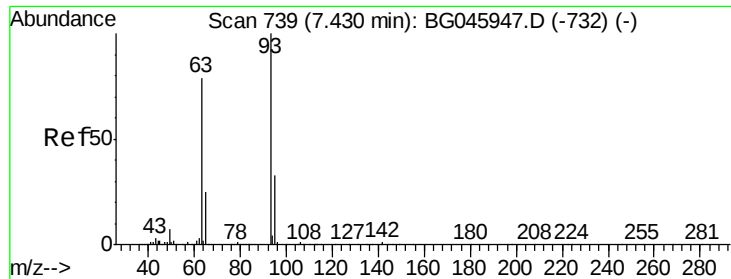
Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.2	10.6	50.6
66	37.6	17.1	57.1





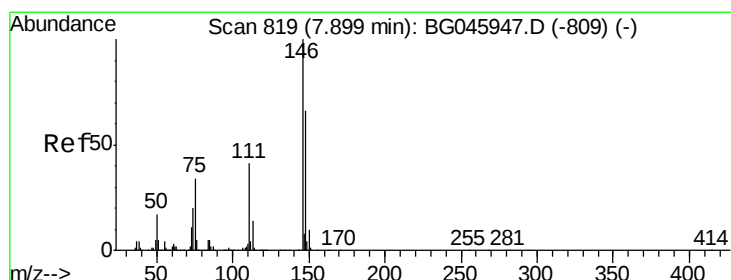
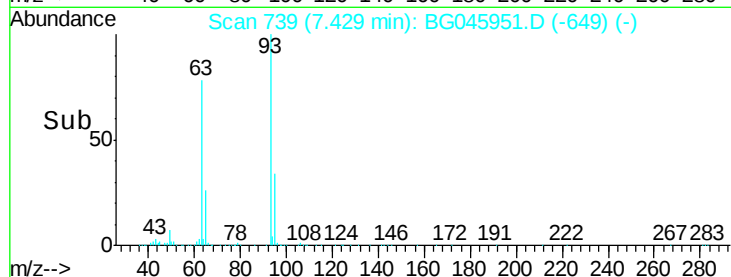
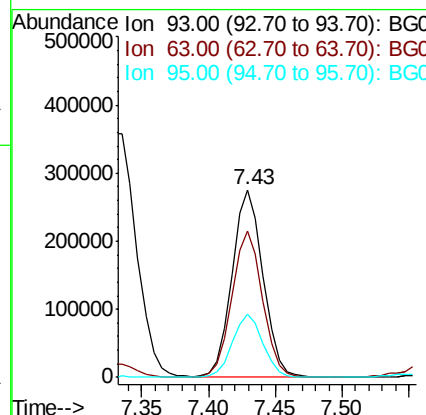
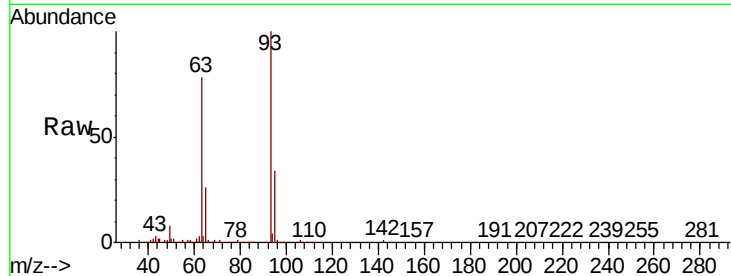
#11
bis(2-Chloroethyl)ether
Concen: 40.349 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.0	58.6	98.6
95	33.8	13.3	53.3

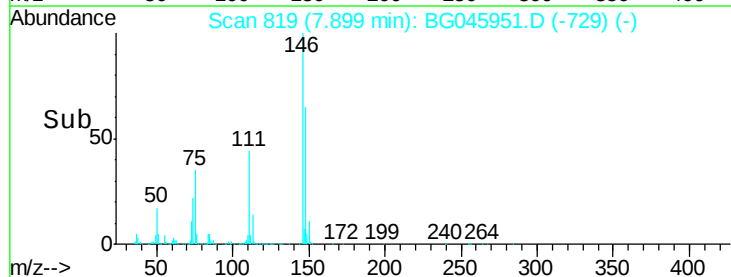
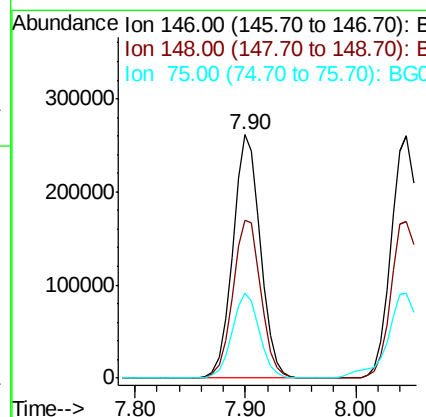
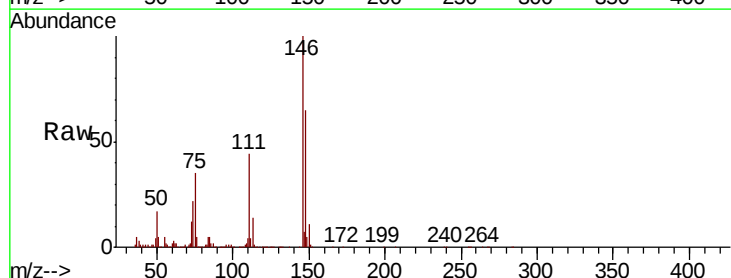
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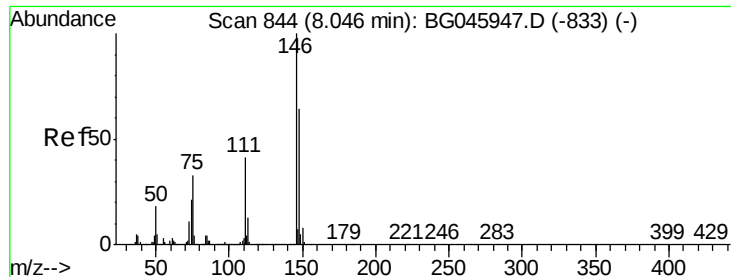
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.436 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.8	79.2
75	35.1	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 39.559 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

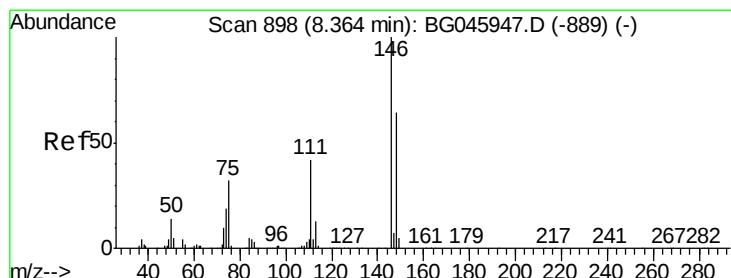
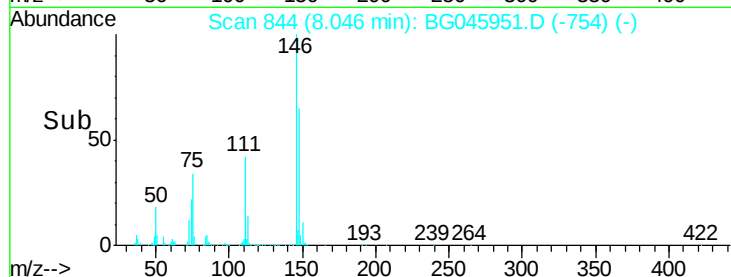
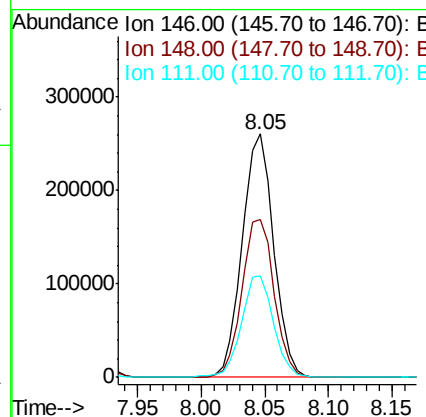
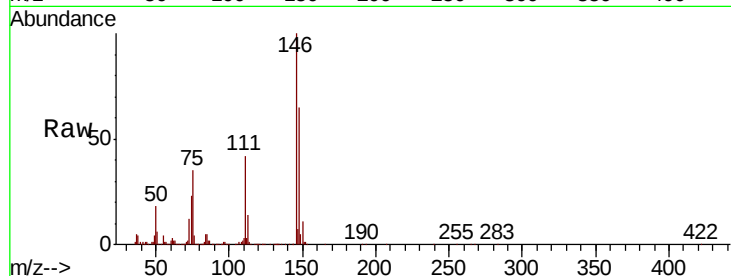
ClientSampleId :

ICVBG070620

Tot Ion:	146	Resp:	448386
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.7	77.5
111	42.0	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 39.200 ng

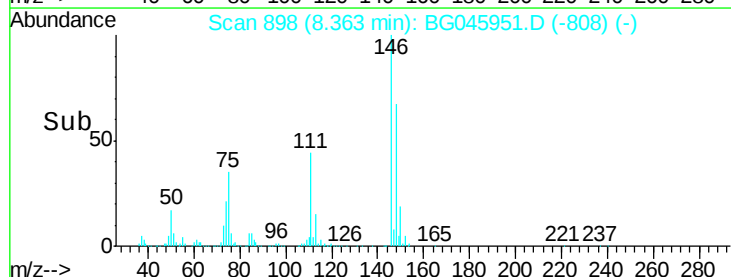
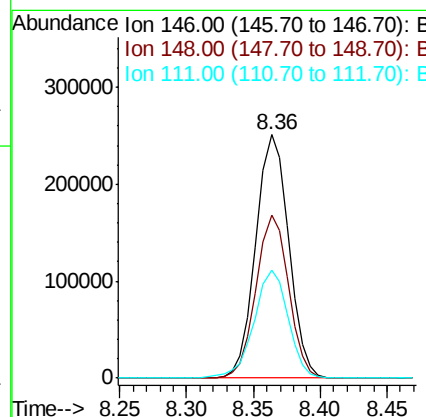
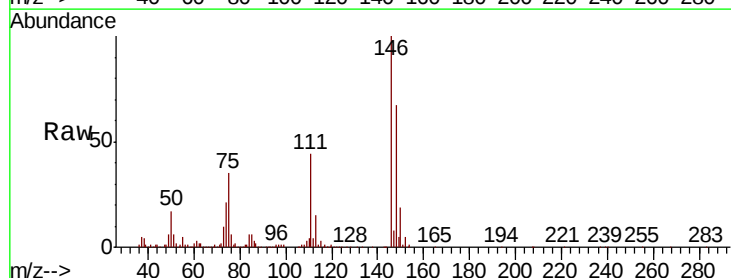
RT: 8.36 min Scan# 898

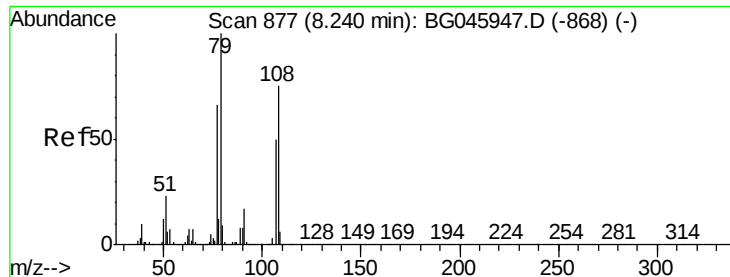
Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion:	146	Resp:	427631
Ion Ratio	Lower	Upper	
146	100		
148	67.0	51.6	77.4
111	44.1	34.0	51.0





#15

Benzyl Alcohol

Concen: 40.178 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

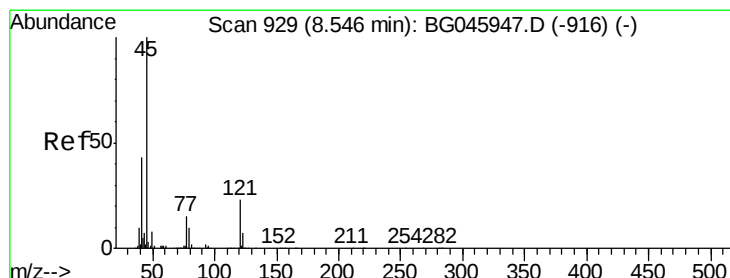
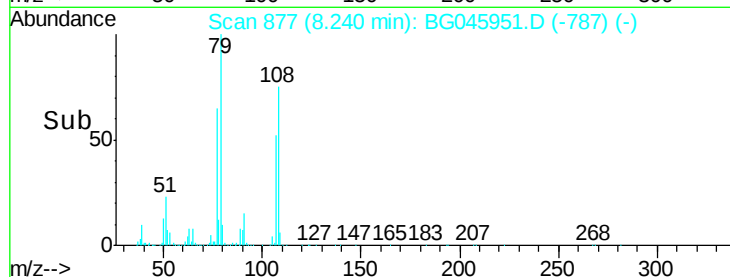
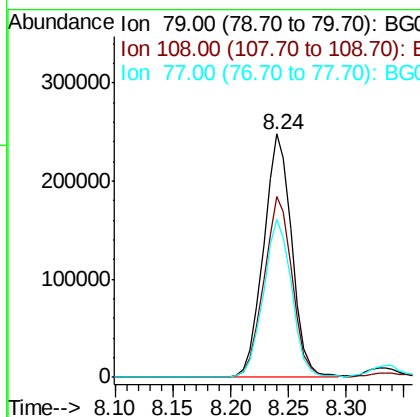
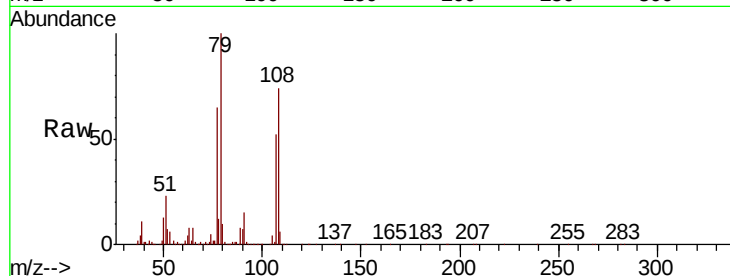
ClientSampleId :

ICVBG070620

Tot Ion:	79	Resp:	421171
Ion	Ratio	Lower	Upper
79	100		
108	74.5	60.2	90.4
77	64.6	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.027 ng

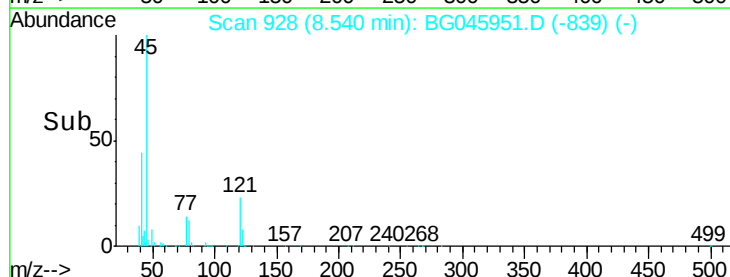
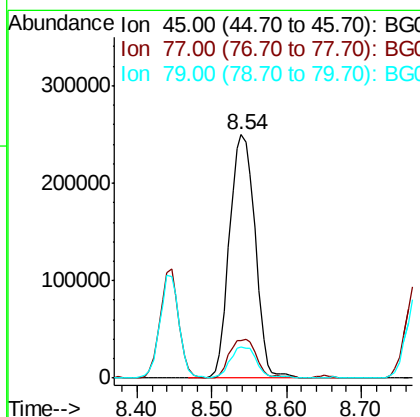
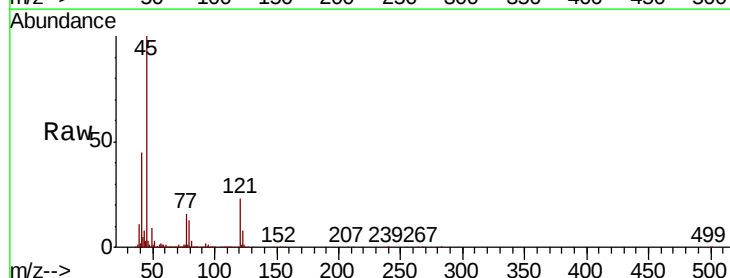
RT: 8.54 min Scan# 928

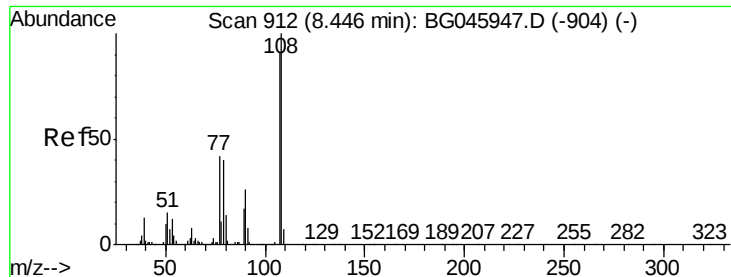
Delta R.T. -0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion:	45	Resp:	593634
Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	37.6
79	12.8	0.0	32.6





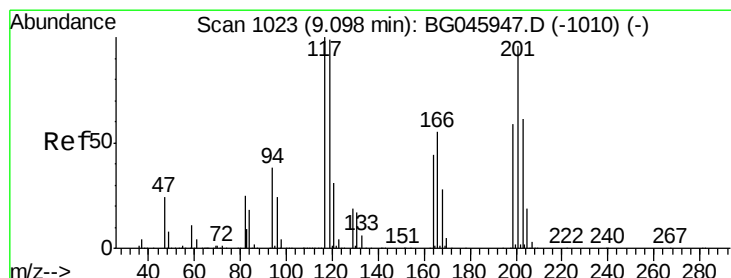
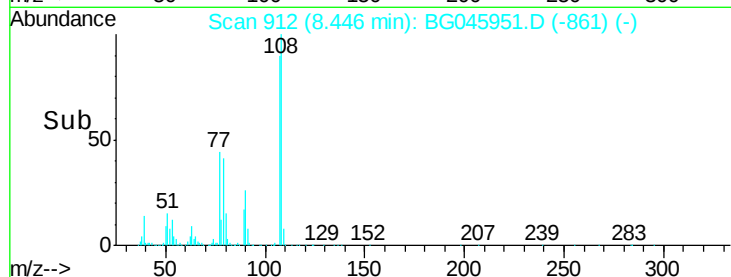
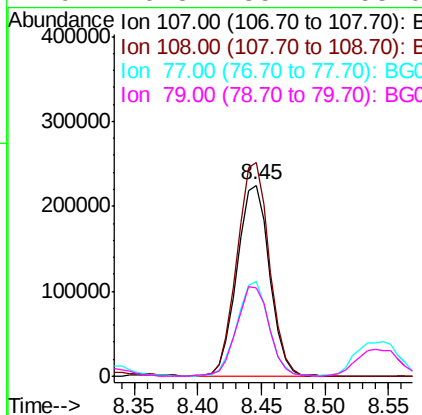
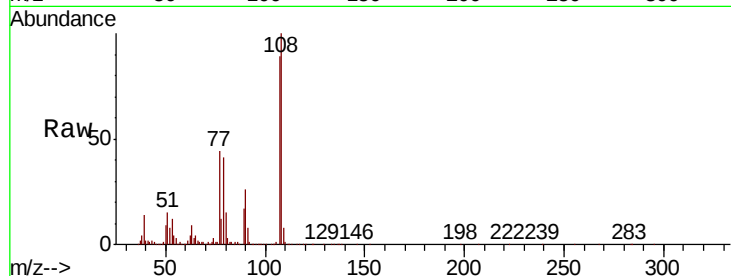
#17
2-Methylphenol
Concen: 39.608 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	88.2	132.4	
77	49.7	37.0	55.4	
79	46.3	35.4	53.0	

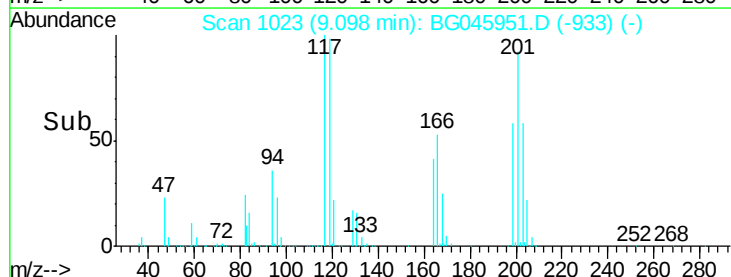
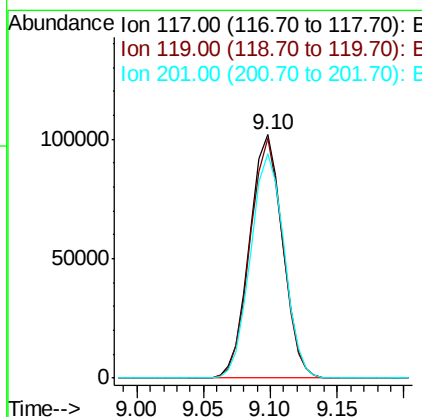
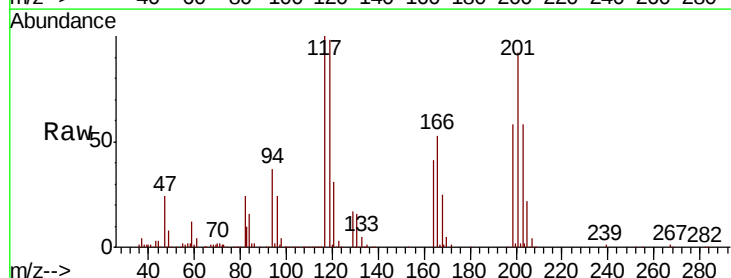
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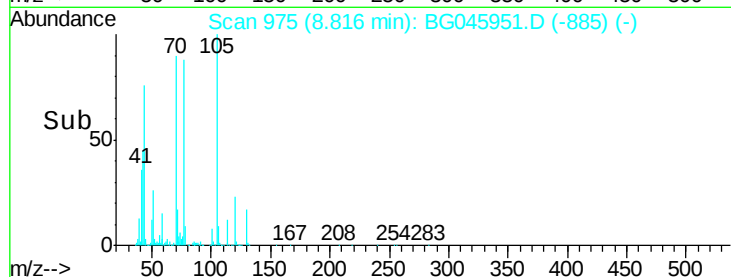
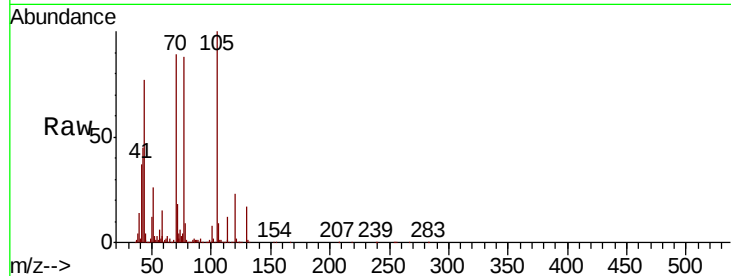
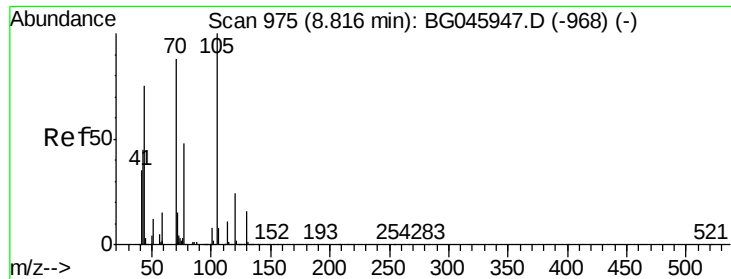
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#18
Hexachloroethane
Concen: 40.295 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	79.5	119.3	
201	92.2	77.0	115.4	





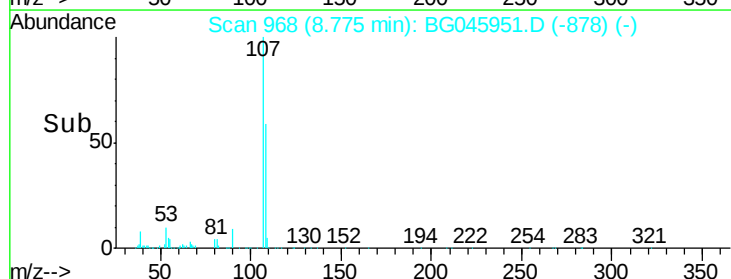
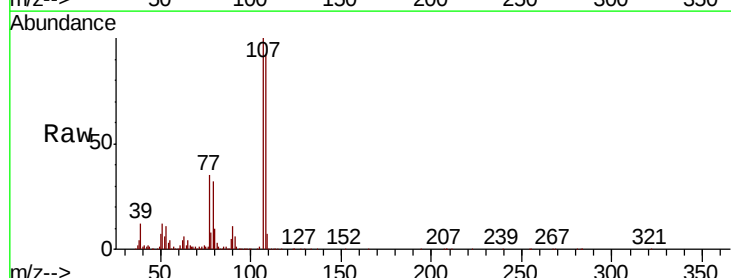
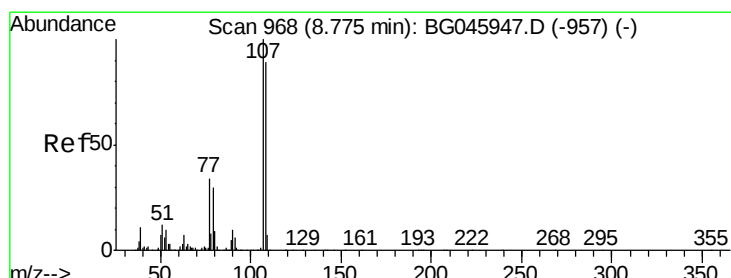
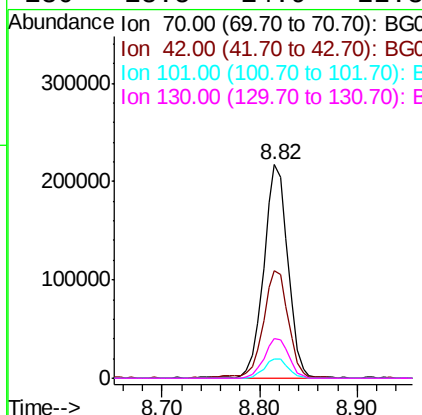
#19
n-Nitroso-di-n-propylamine
Concen: 39.746 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	50.2	41.4	62.0		
101	9.0	7.1	10.7		
130	18.5	14.9	22.3		

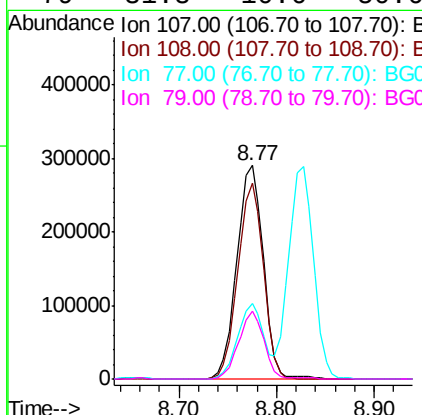
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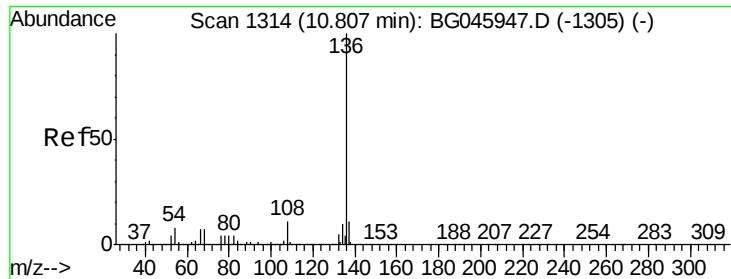
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#20
3+4-Methylphenols
Concen: 39.904 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.9	68.7	108.7		
77	35.3	14.6	54.6		
79	31.8	10.6	50.6		





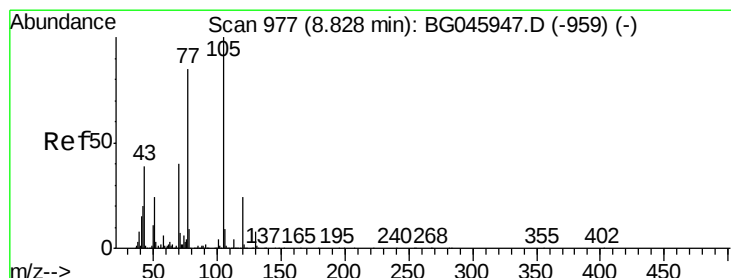
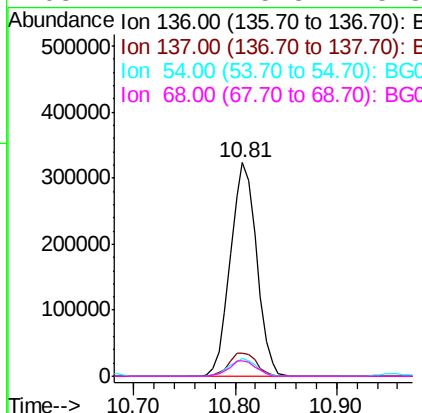
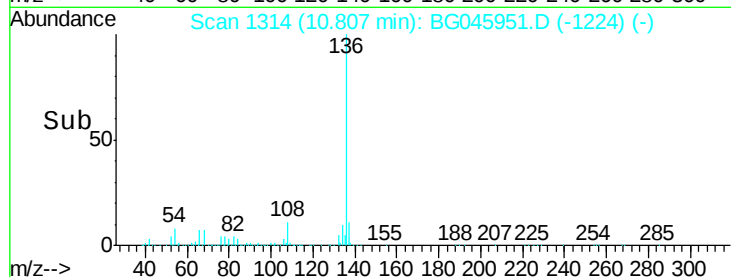
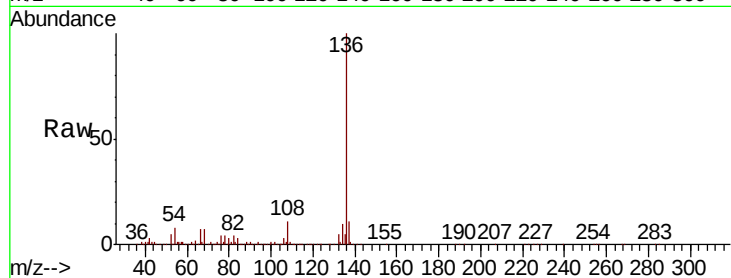
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.3	6.2	9.4
68	7.2	5.8	8.8

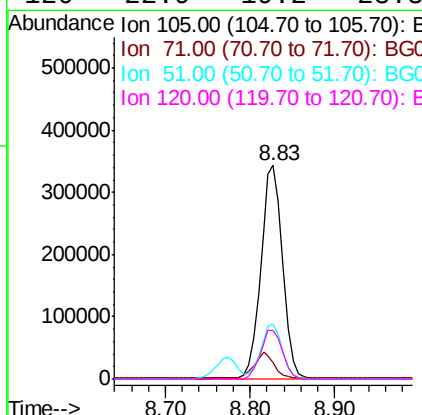
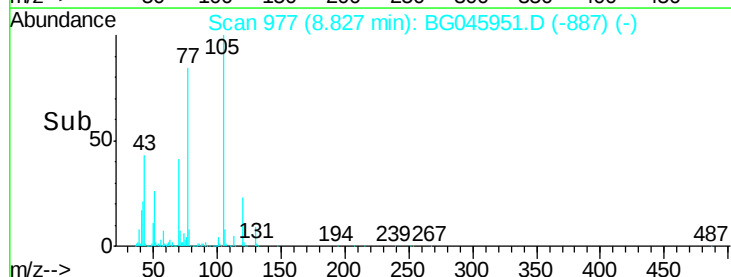
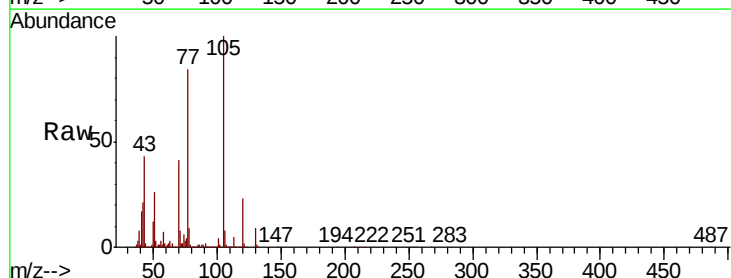
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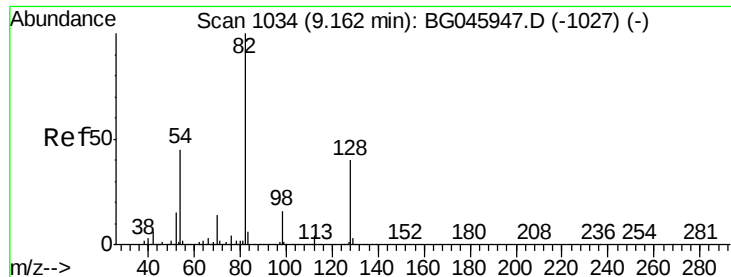
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#22
Acetophenone
Concen: 39.881 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.2	9.2
51	25.7	19.7	29.5
120	22.9	19.2	28.8





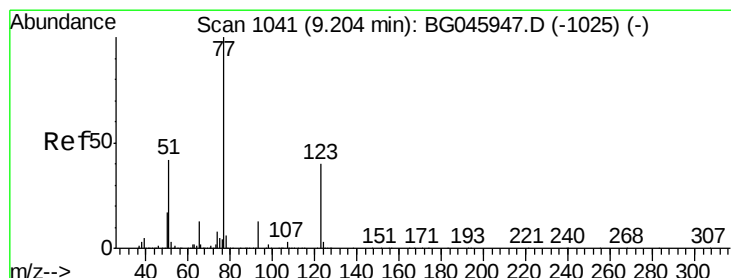
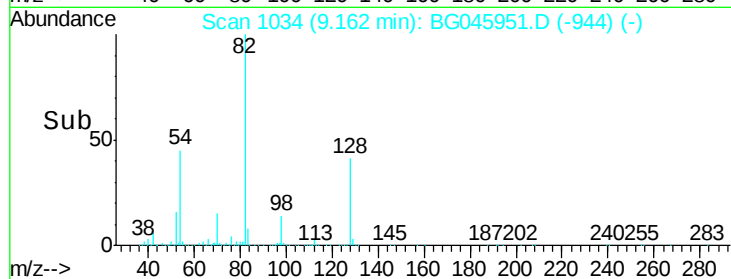
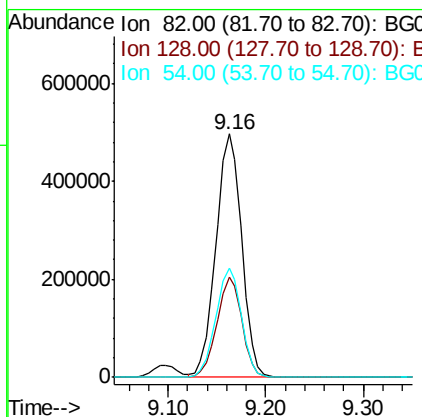
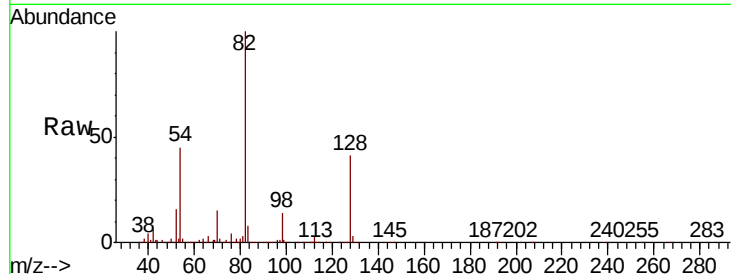
#23
 Nitrobenzene-d5
 Concen: 89.855 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG070620

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.2	32.2	48.4	
54	44.9	35.8	53.6	

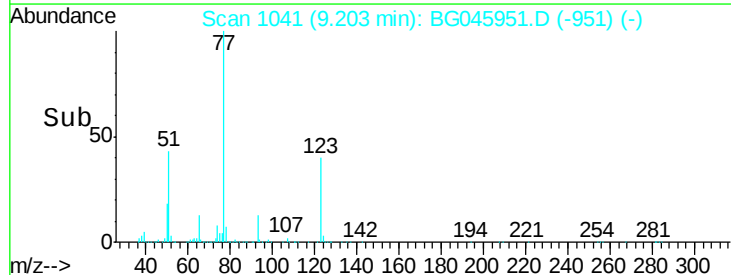
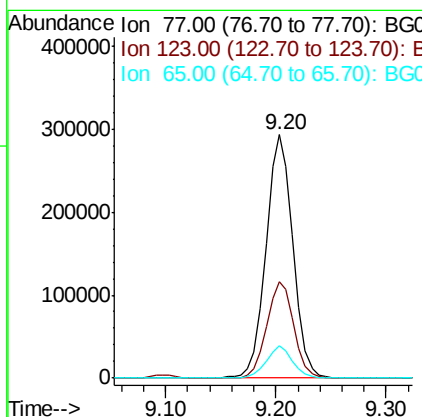
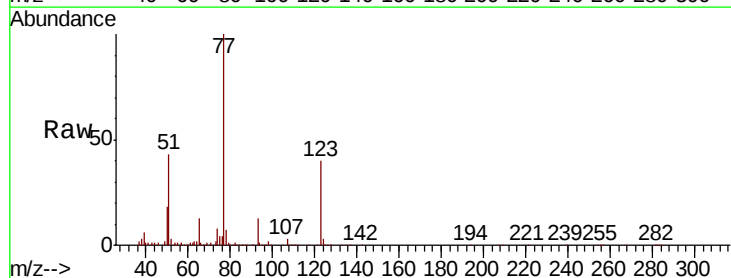
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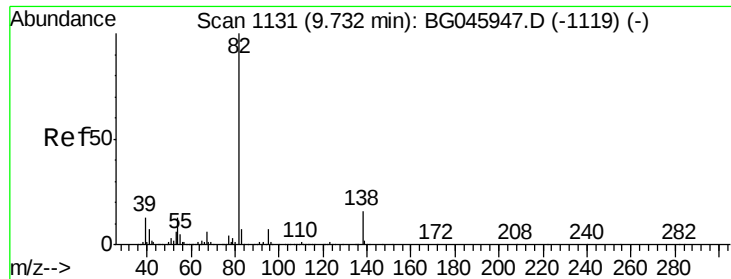
mohammad
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#24
 Nitrobenzene
 Concen: 44.594 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.8	32.7	49.1	
65	13.1	10.2	15.4	





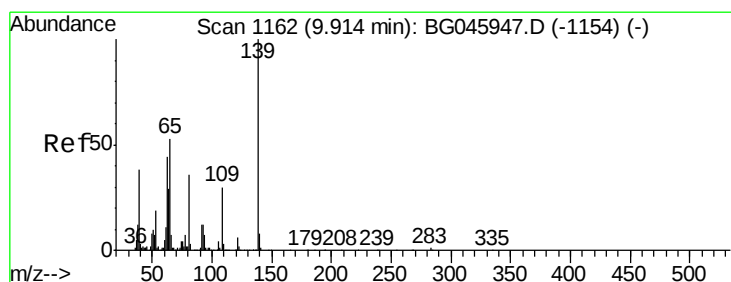
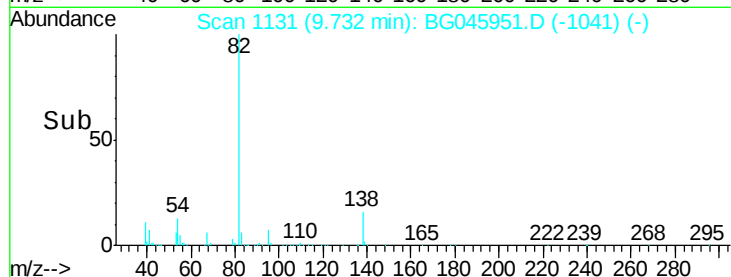
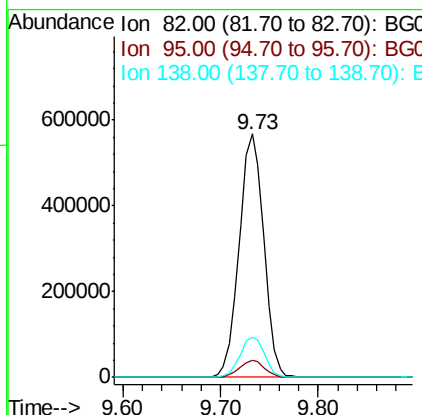
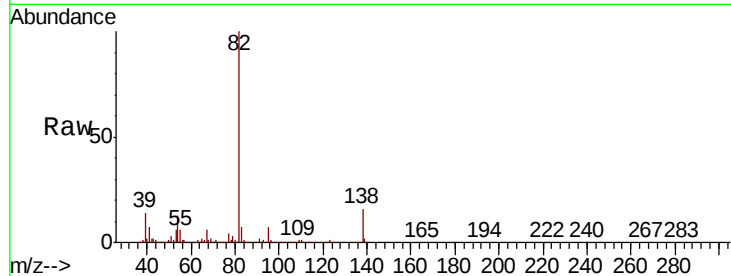
#25
Isophorone
Concen: 40.273 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	16.3	12.9	19.3

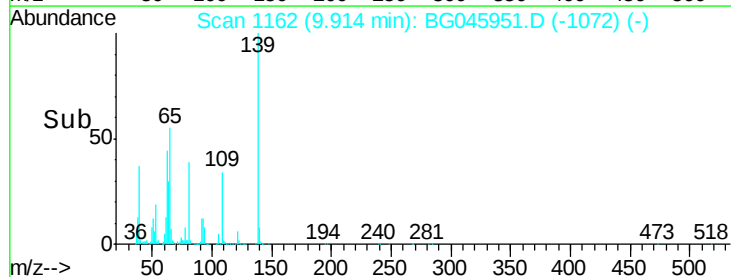
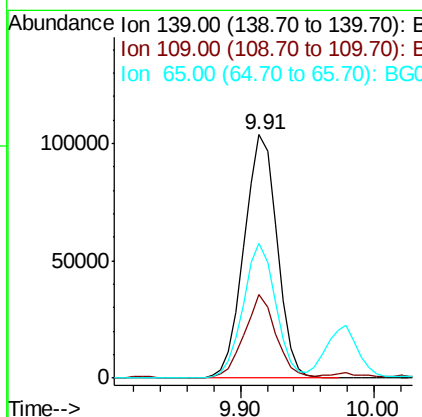
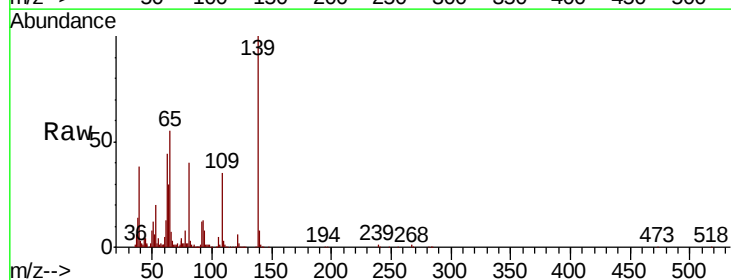
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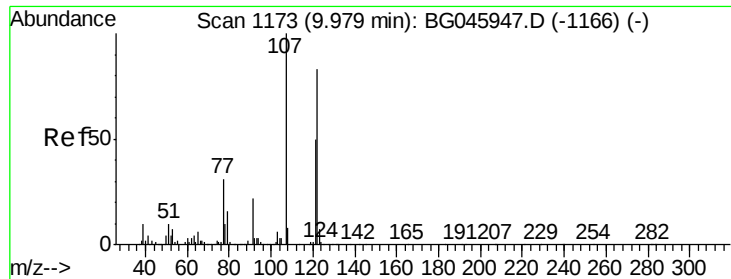
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#26
2-Nitrophenol
Concen: 48.688 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	34.5	24.6	37.0
65	55.1	42.6	64.0





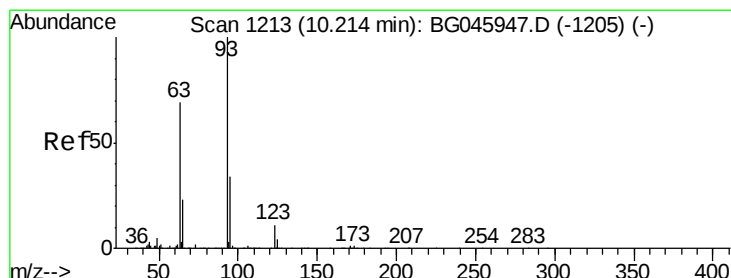
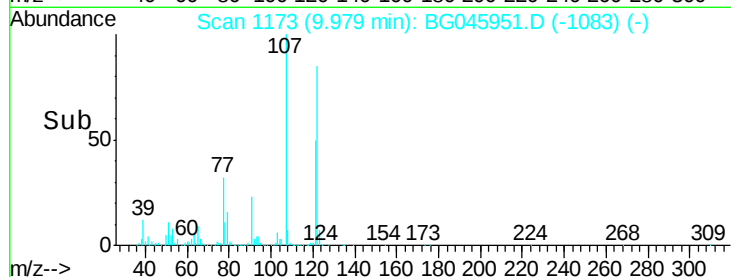
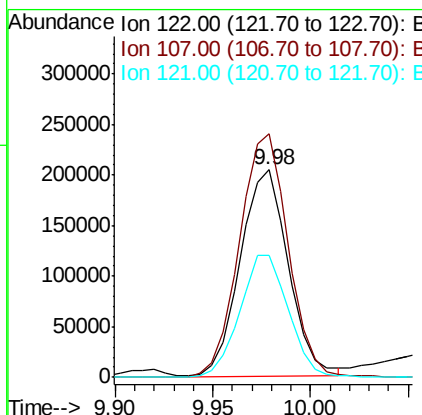
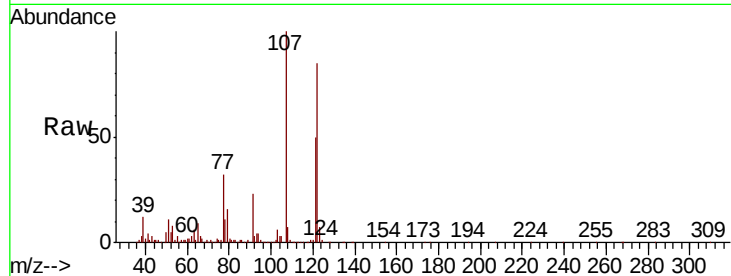
#27
2,4-Dimethylphenol
Concen: 40.155 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.5	95.6	143.4
121	58.9	47.7	71.5

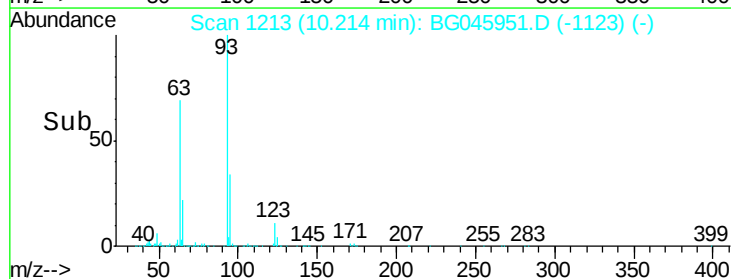
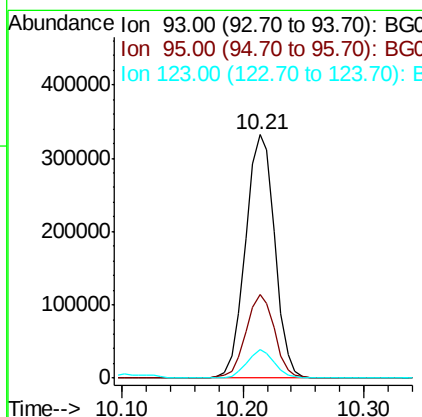
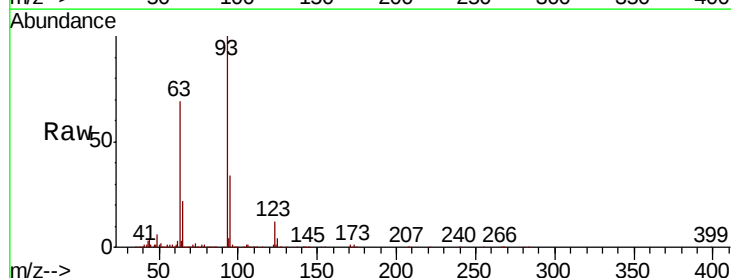
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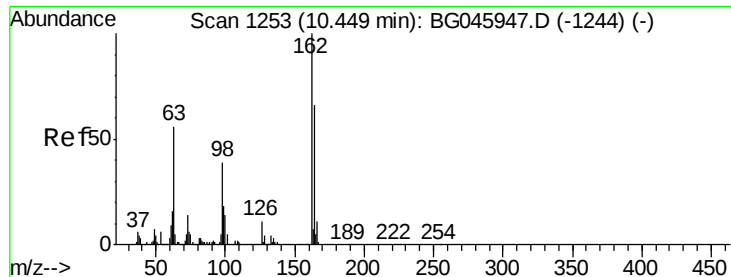
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#28
bis(2-Chloroethoxy)methane
Concen: 40.390 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	27.5	41.3
123	11.5	9.2	13.8





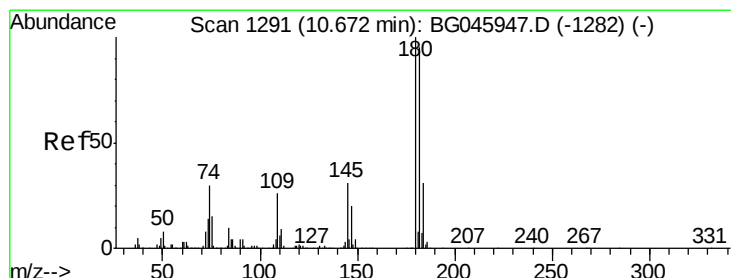
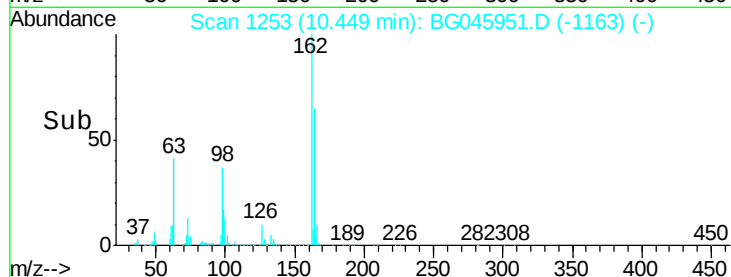
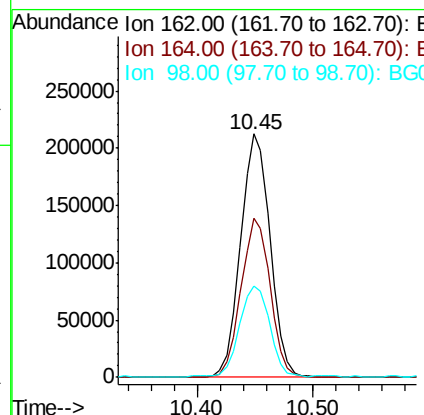
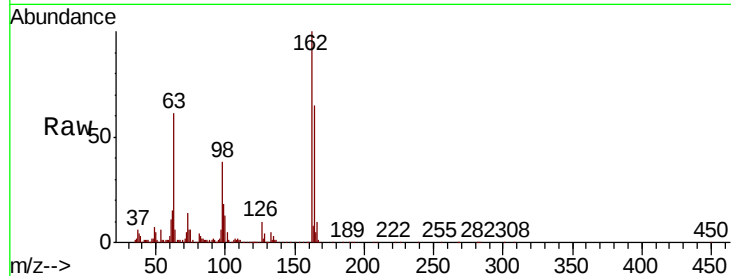
#29
2,4-Dichlorophenol
Concen: 41.505 ng
RT: 10.45 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	46.0	86.0
98	37.6	19.2	59.2

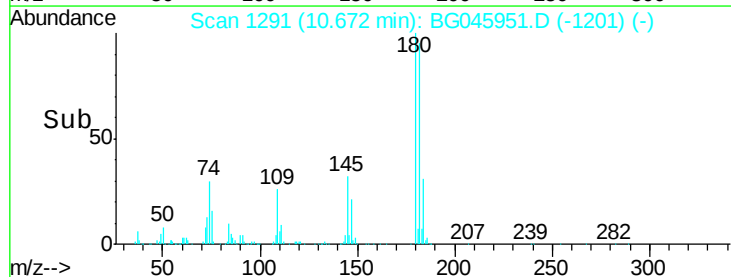
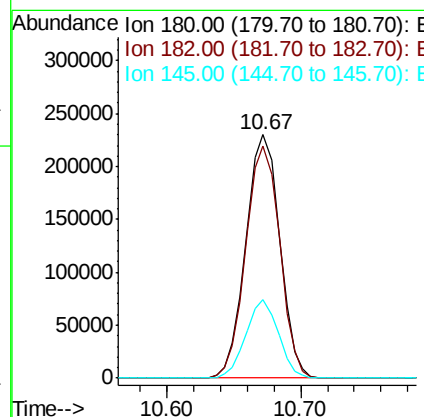
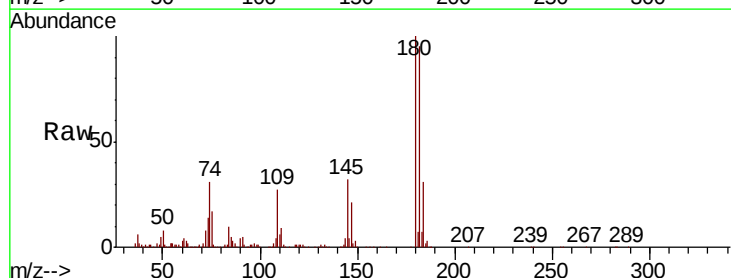
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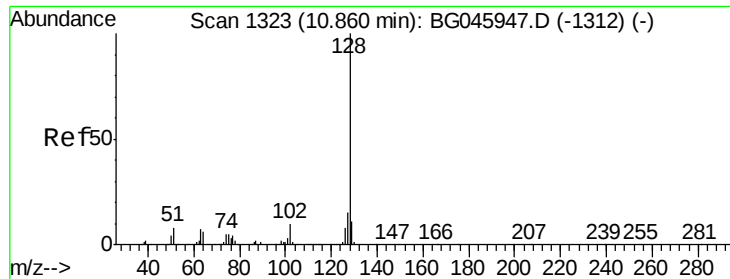
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#30
1,2,4-Trichlorobenzene
Concen: 40.340 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.3	114.5
145	32.0	24.8	37.2





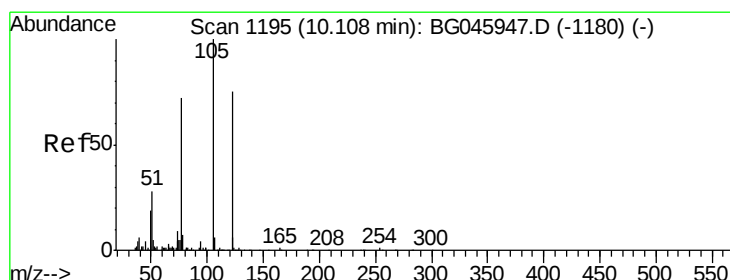
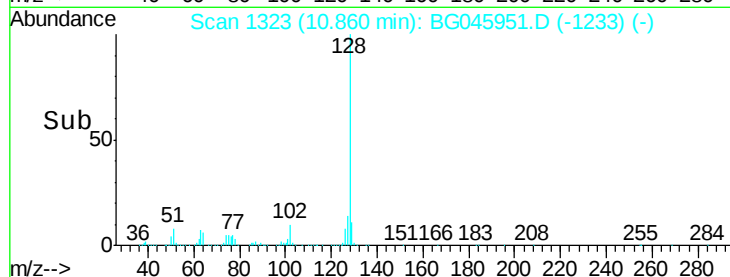
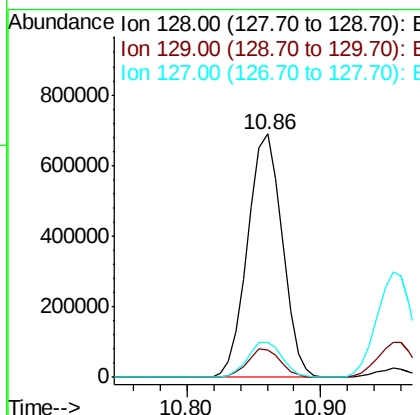
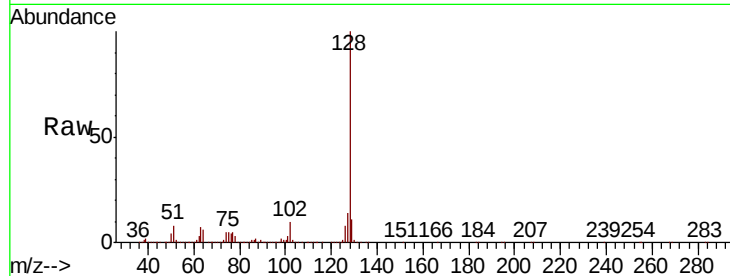
#31
Naphthalene
Concen: 39.779 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	14.4	11.8	17.6

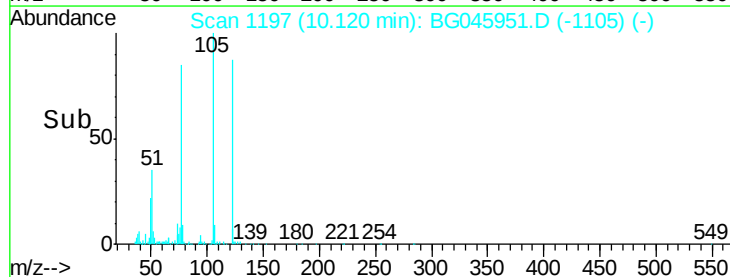
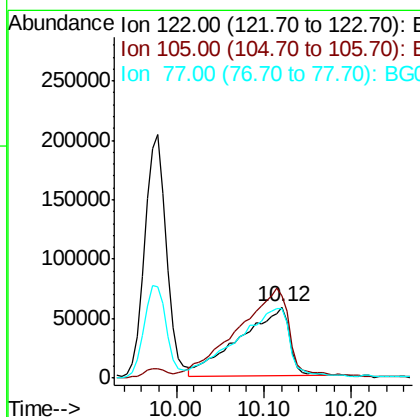
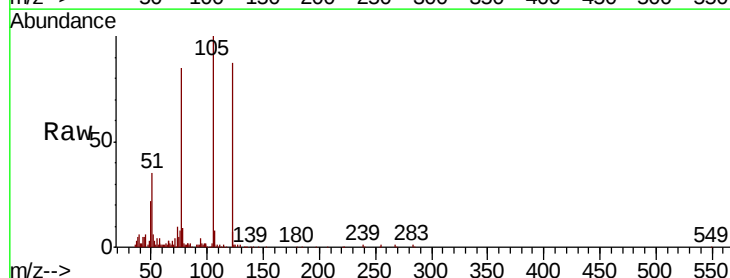
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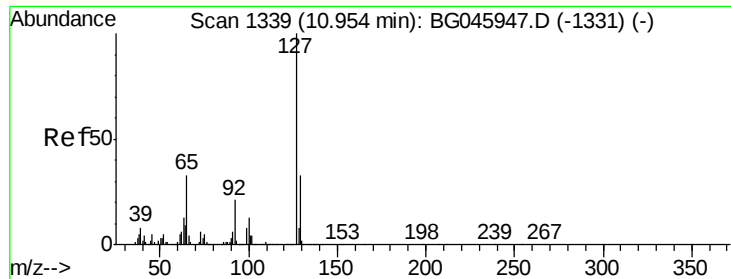
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#32
Benzoic acid
Concen: 43.179 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.4	110.8	150.8
77	97.8	76.4	116.4





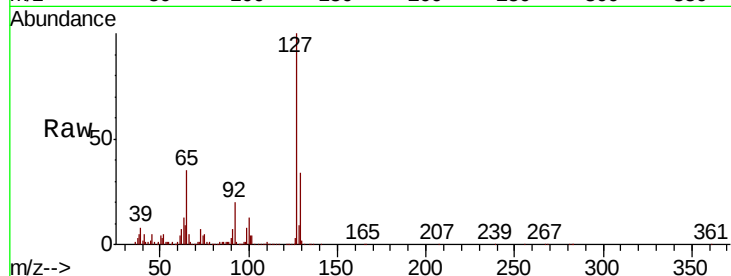
#33
4-Chloroaniline
Concen: 39.442 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.9	26.6	39.8		
65	34.7	26.8	40.2		
92	20.3	17.0	25.4		

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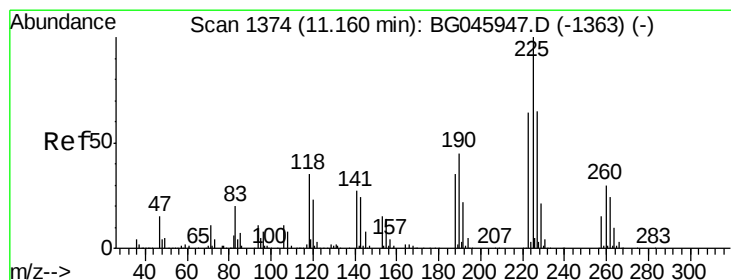
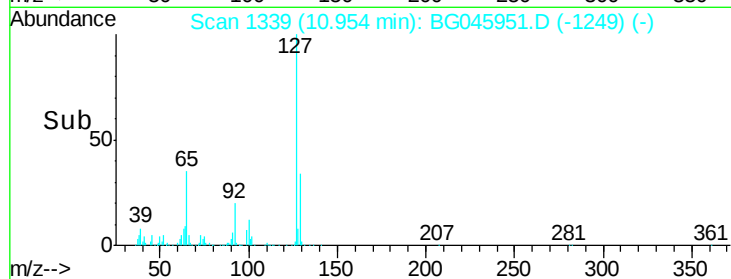
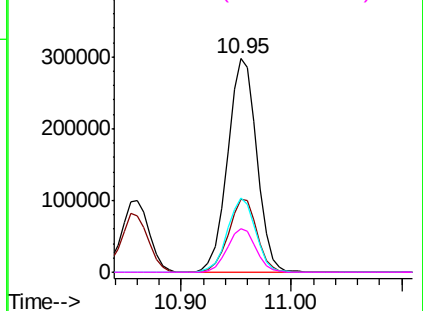
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

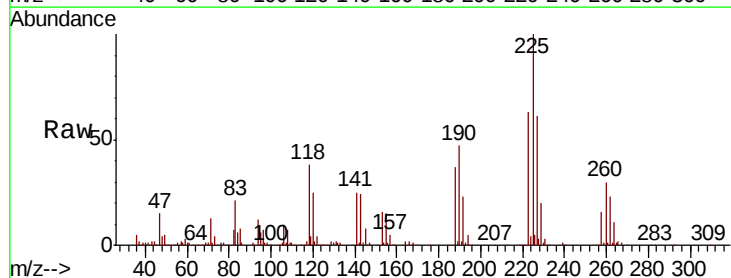
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.704 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	51.2	76.8		
227	61.4	52.3	78.5		

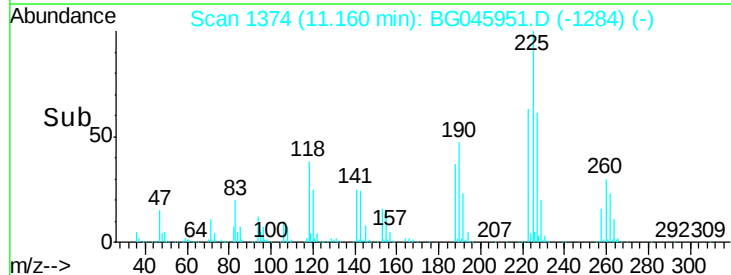
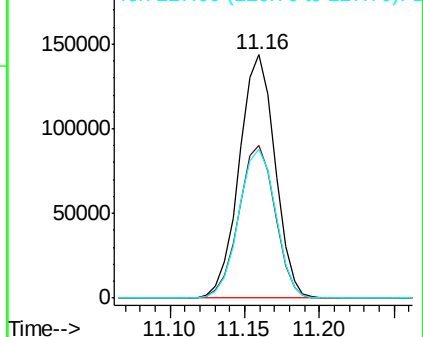


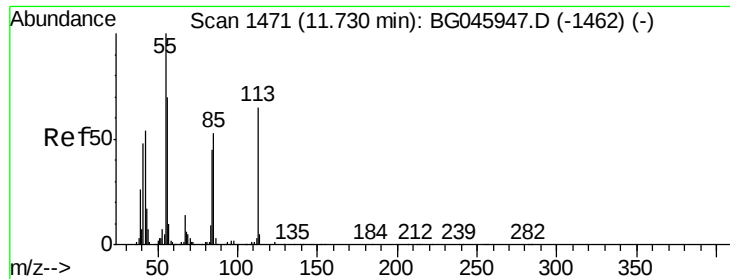
Abundance

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: 40.491 ng

RT: 11.72 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

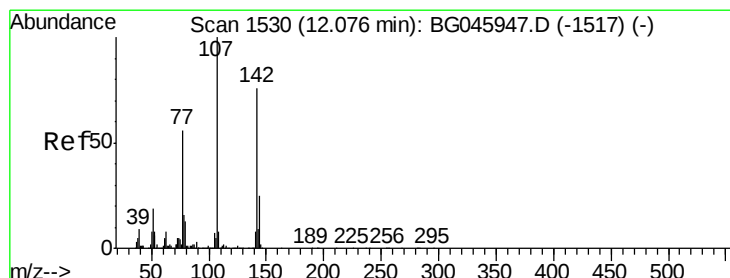
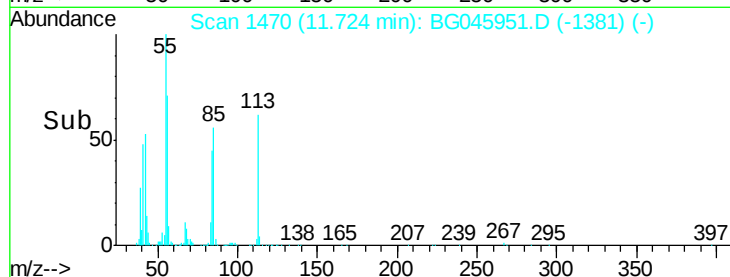
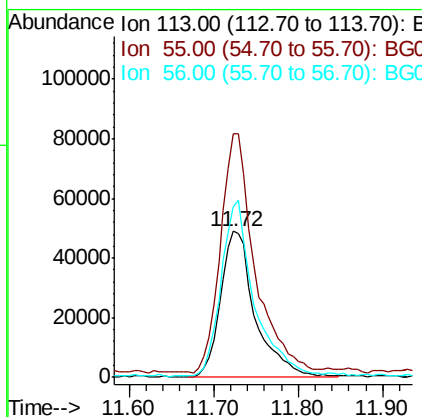
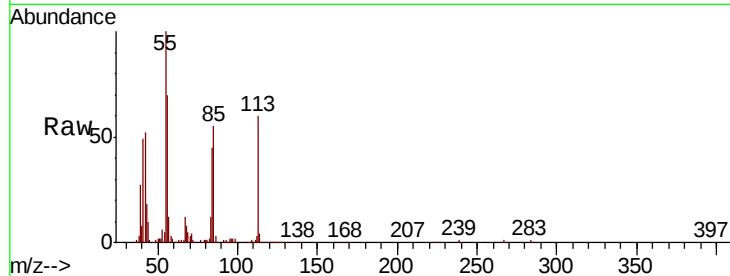
ClientSampleId :

ICVBG070620

Tot Ion:	113	Resp:	139276
Ion Ratio	Lower	Upper	
113	100		
55	166.2	141.6	181.6
56	116.6	89.6	129.6

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#36

4-Chloro-3-methylphenol

Concen: 40.532 ng

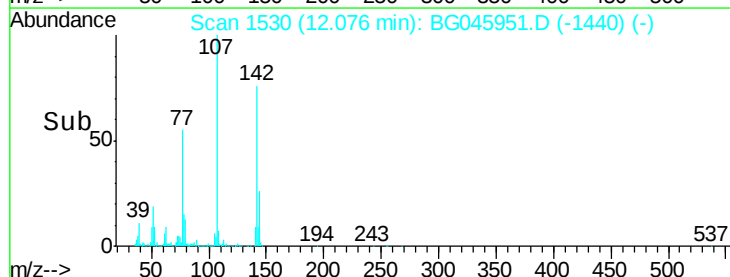
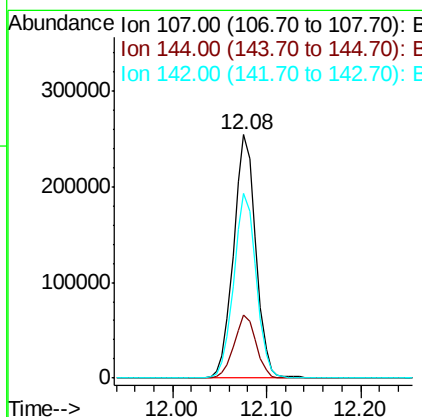
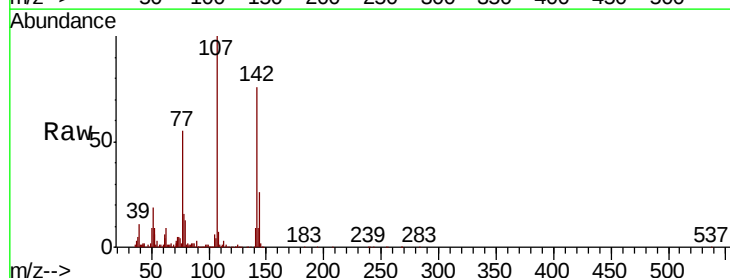
RT: 12.08 min Scan# 1530

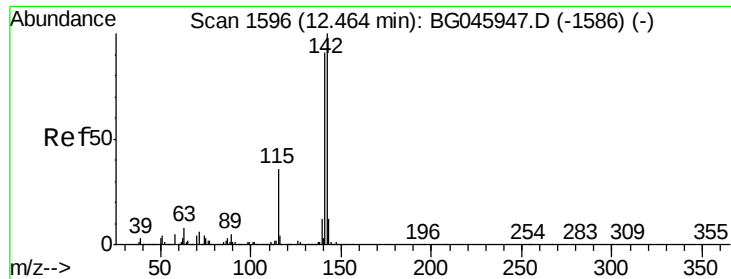
Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion:	107	Resp:	418233
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.0	30.0
142	75.9	61.1	91.7





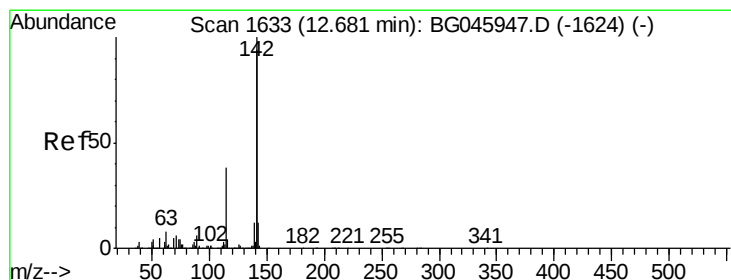
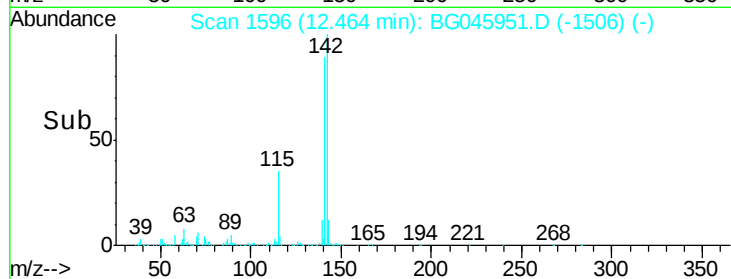
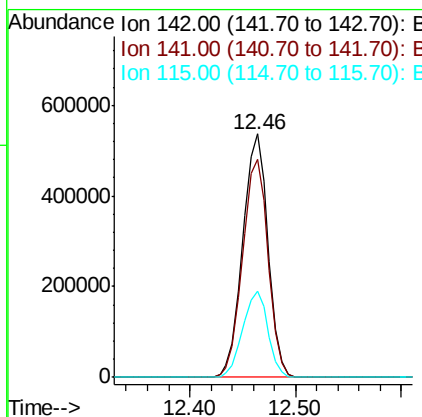
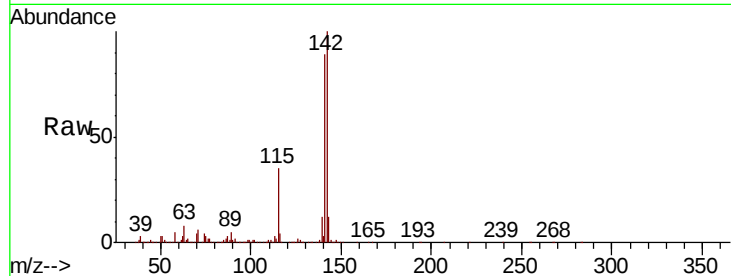
#37
2-Methylnaphthalene
Concen: 40.121 ng
RT: 12.46 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.0	109.6
115	35.5	28.8	43.2

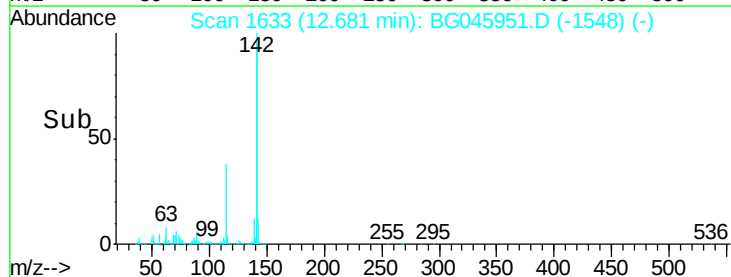
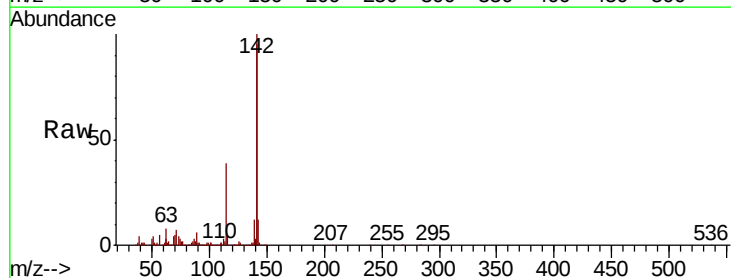
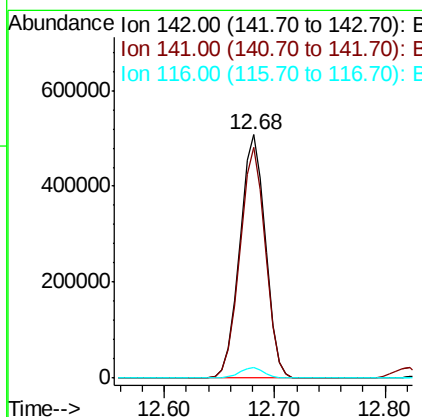
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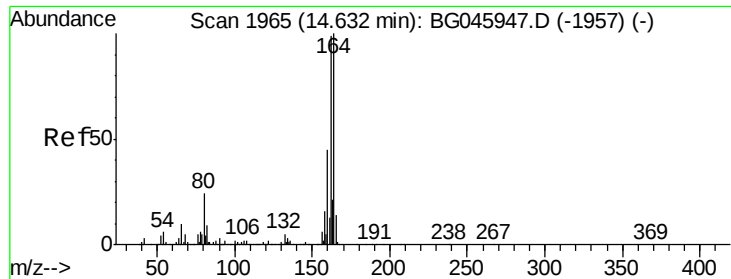
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#38
1-Methylnaphthalene
Concen: 39.712 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.2	112.8
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

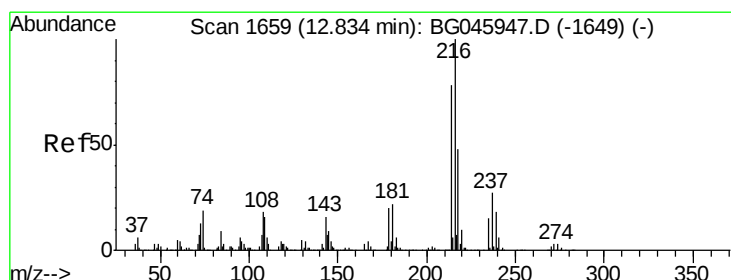
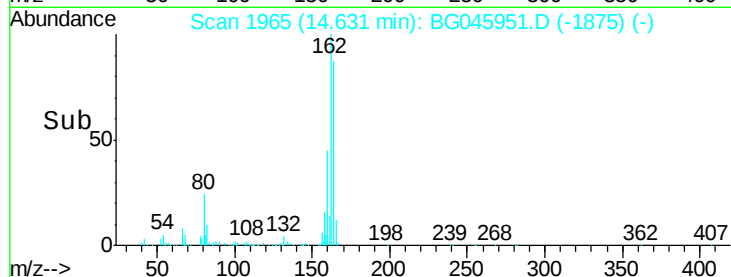
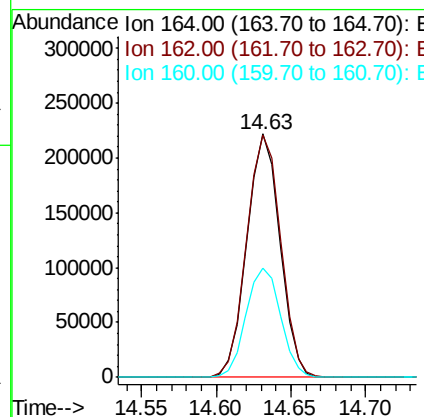
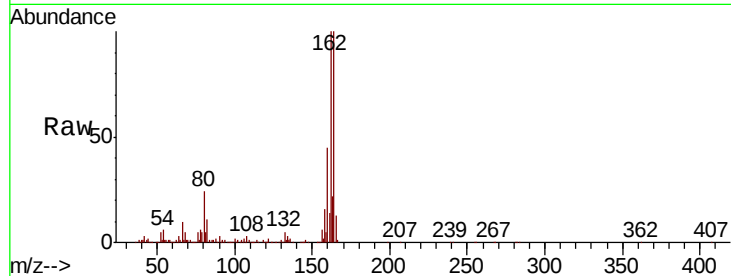
ClientSampleId :

ICVBG070620

Tot Ion:	164	Resp:	340309
Ion Ratio	Lower	Upper	
164	100		
162	99.6	79.3	118.9
160	45.1	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.485 ng

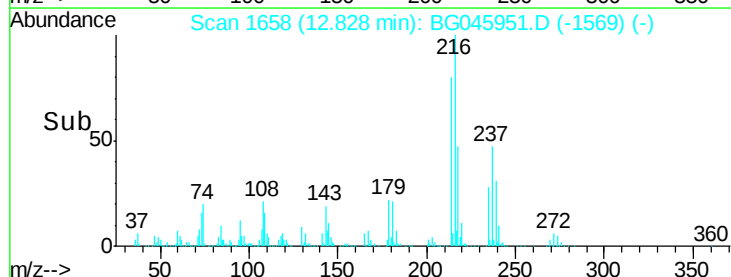
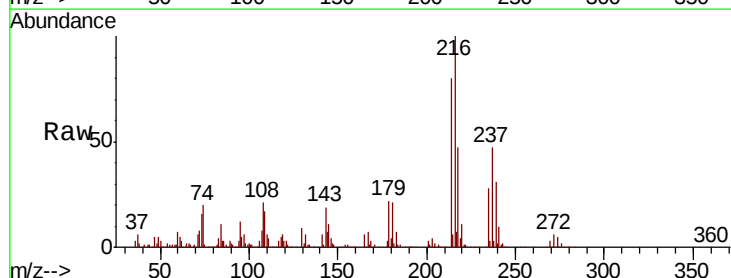
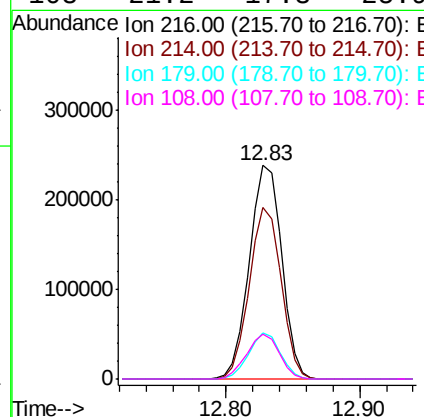
RT: 12.83 min Scan# 1658

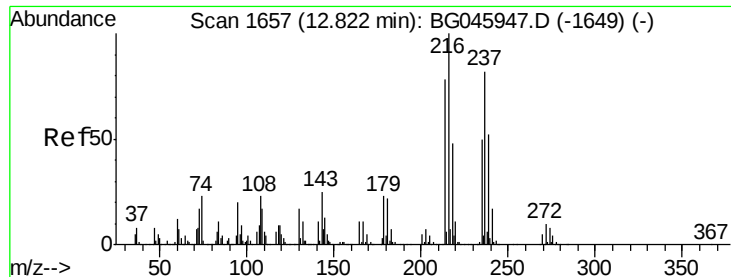
Delta R.T. -0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion:	216	Resp:	397970
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	21.3	17.0	25.6
108	21.2	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 41.906 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

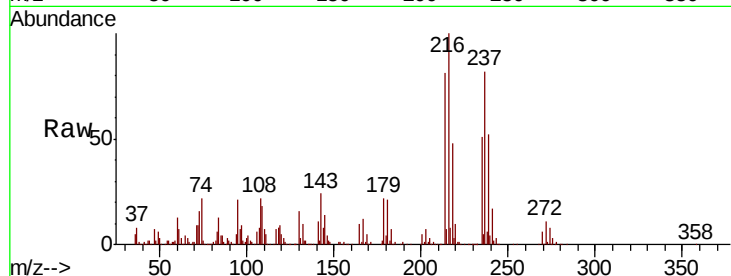
ClientSampleId :

ICVBG070620

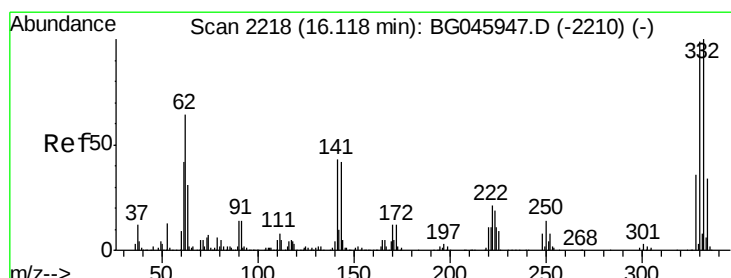
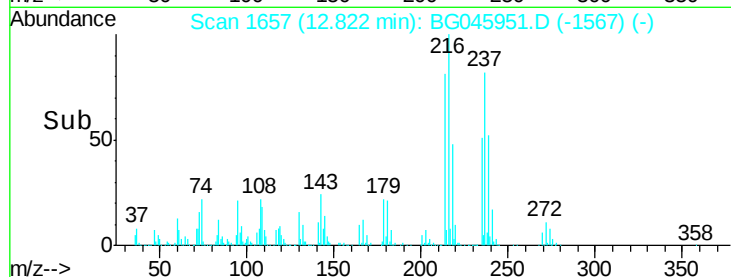
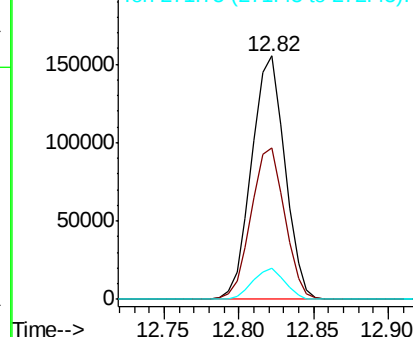
Tot Ion:	237	Resp:	238537
Ion Ratio	Lower	Upper	
237	100		
235	62.4	41.5	81.5
272	12.9	0.0	31.7

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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: 87.373 ng

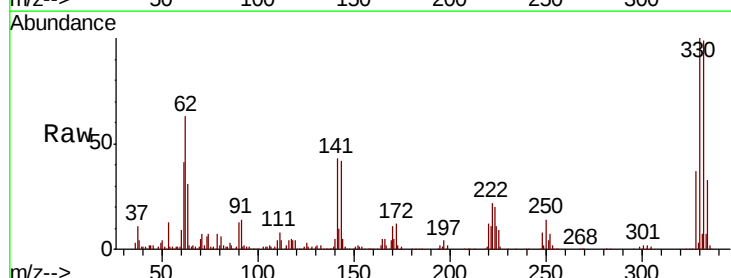
RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

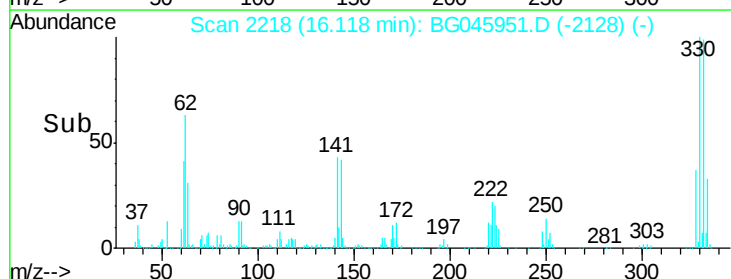
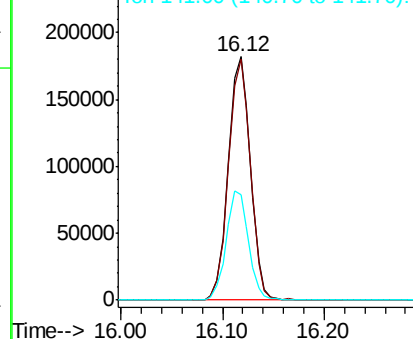
Lab File: BG045951.D

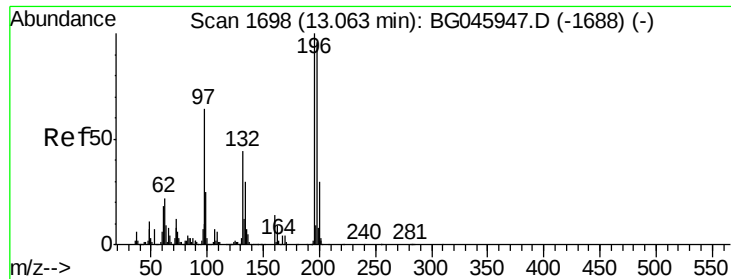
Acq: 6 Jul 2020 22:23

Tgt Ion:	330	Resp:	275960
Ion Ratio	Lower	Upper	
330	100		
332	98.0	78.3	117.5
141	45.0	36.6	54.8



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





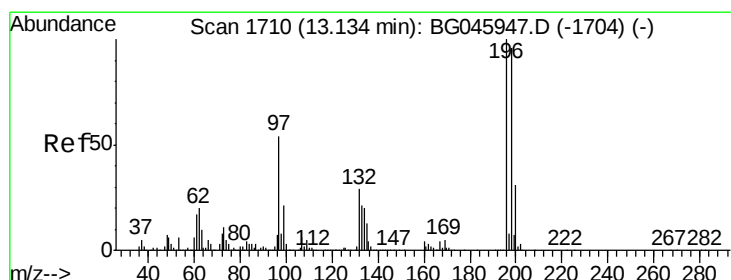
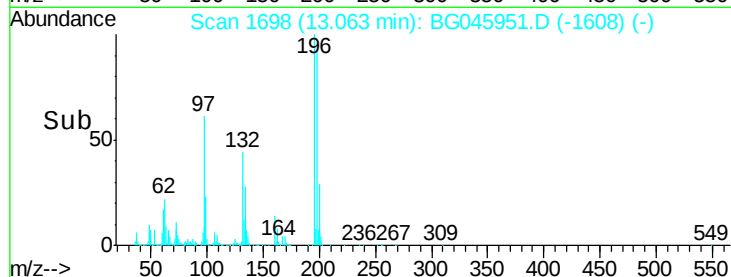
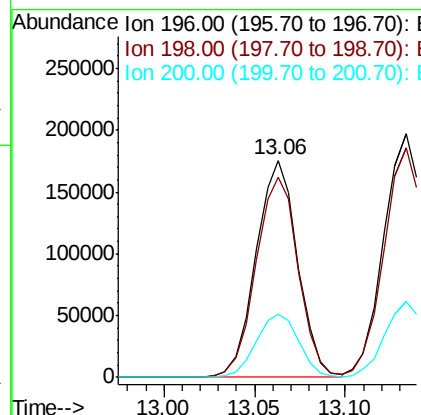
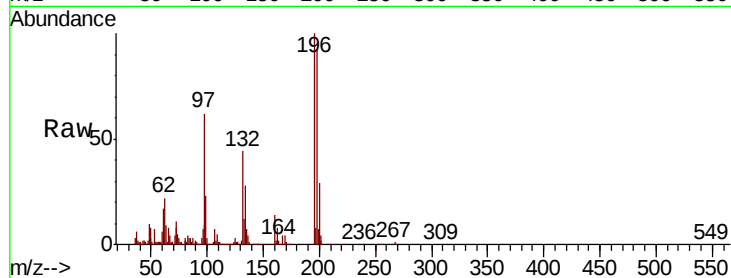
#43
 2,4,6-Trichlorophenol
 Concen: 43.352 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Instrument :
 BNA_G
 ClientSampleID :
 ICVBG070620

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.3	76.7	115.1
200	29.2	24.3	36.5

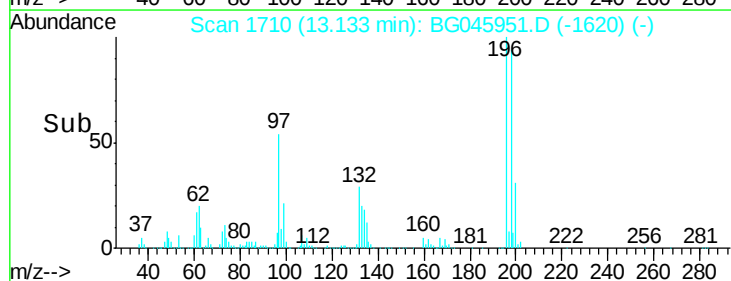
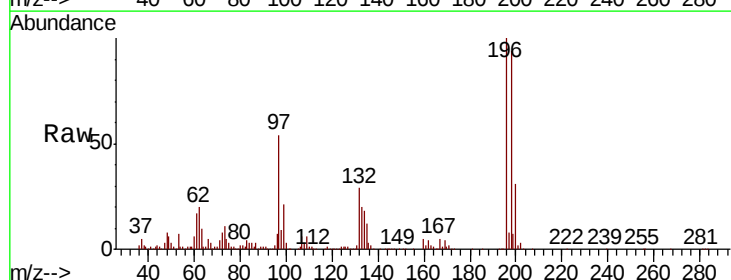
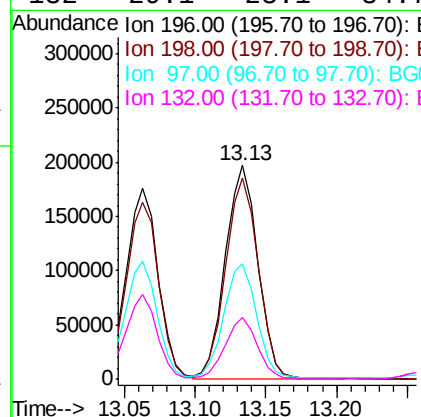
Manual Integrations
 APPROVED

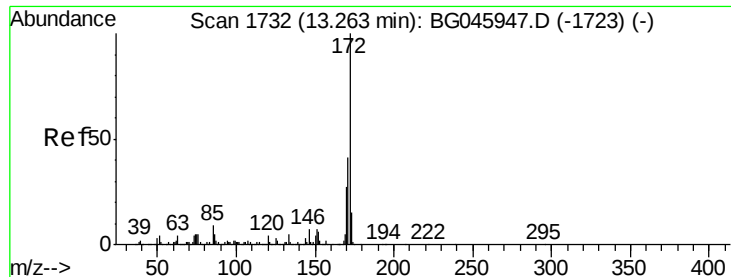
mohammad
 7/7/2020 12:03:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.007 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.0	115.6
97	54.2	44.3	66.5
132	29.1	23.1	34.7





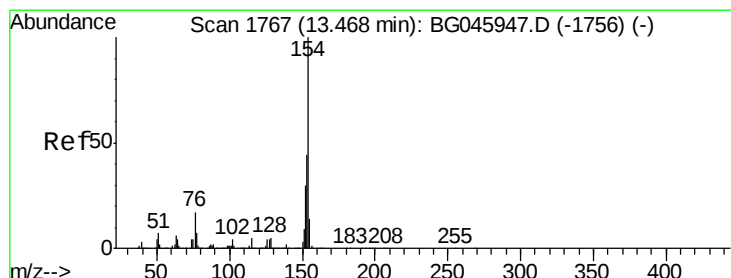
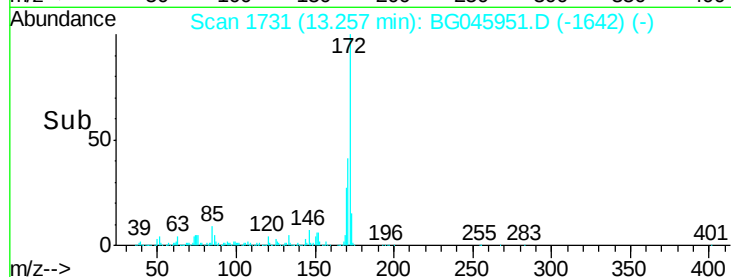
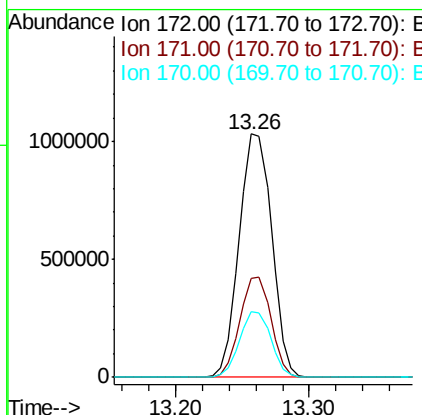
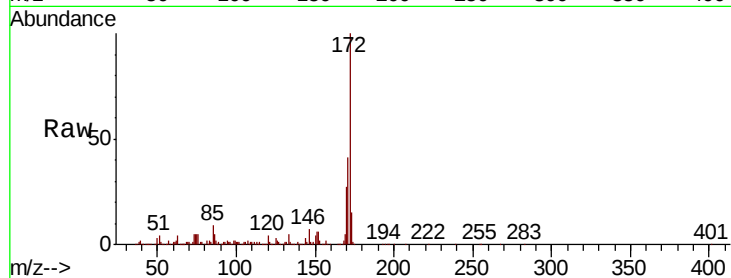
#45
2-Fluorobiphenyl
Concen: 79.931 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.8	32.9	49.3
170	26.8	21.8	32.6

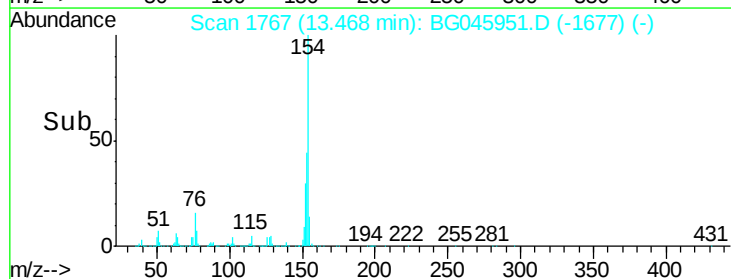
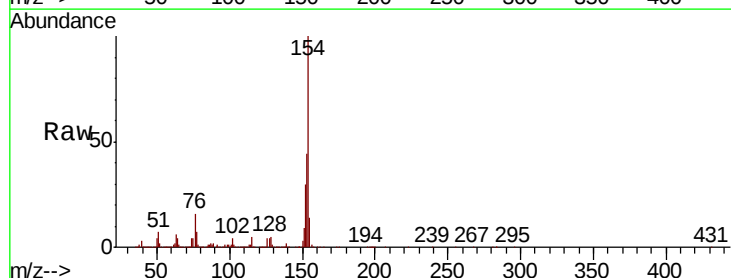
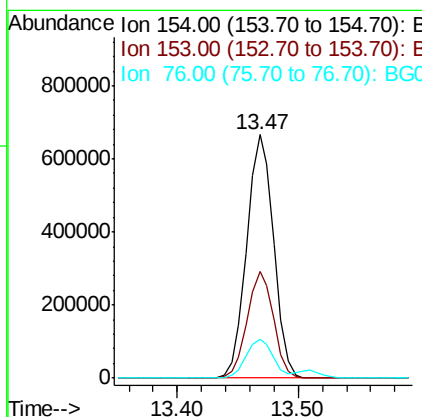
Manual Integrations
APPROVED

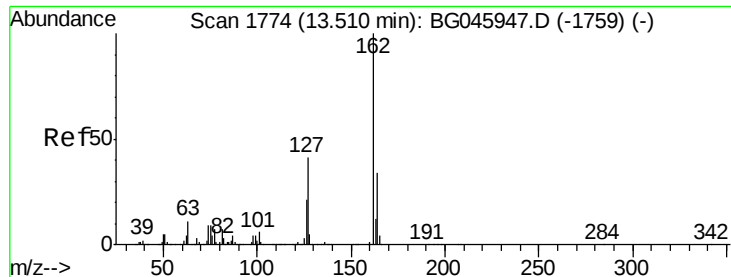
mohammad
7/7/2020 12:03:38 PM



#46
1,1'-Biphenyl
Concen: 40.376 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	23.6	63.6
76	16.1	0.0	36.9





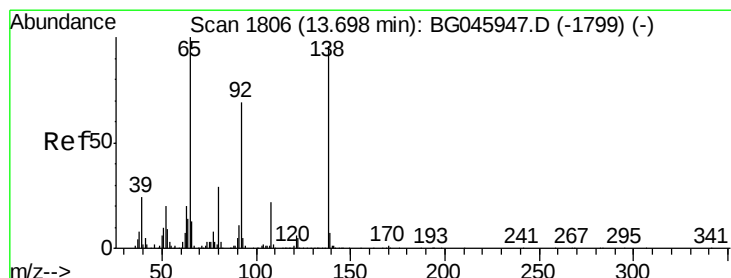
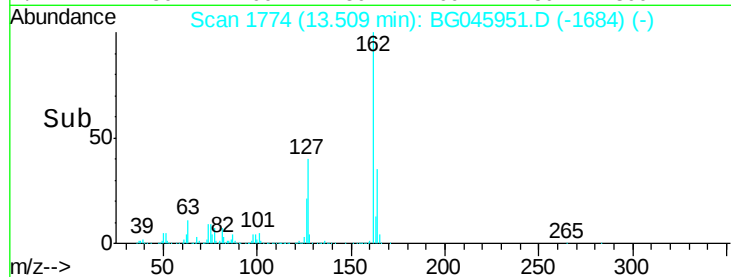
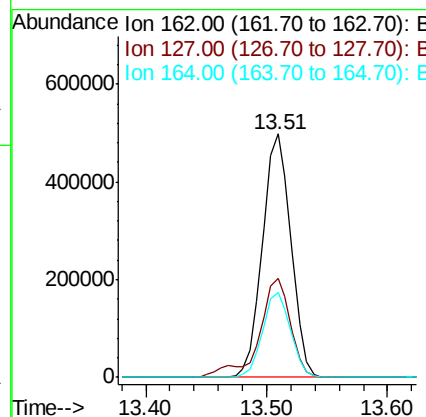
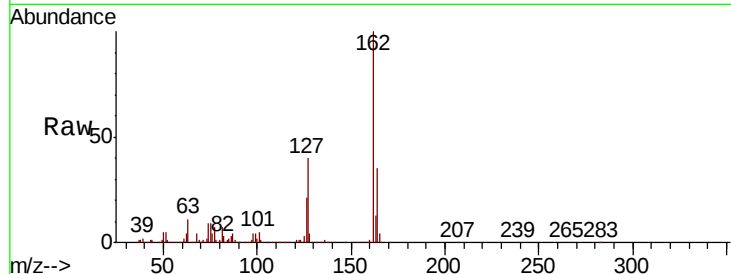
#47
 2-Chloronaphthalene
 Concen: 40.287 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG070620

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.5	48.7
164	34.9	27.2	40.8

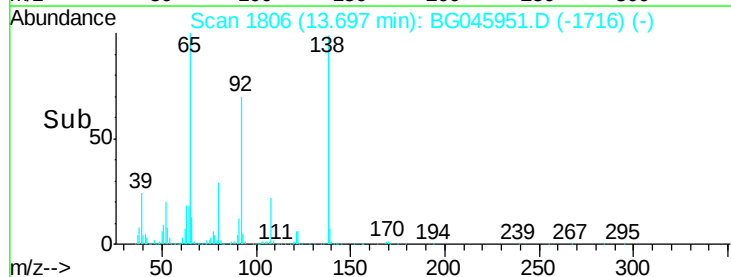
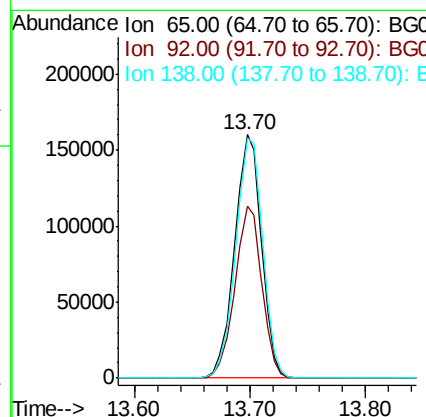
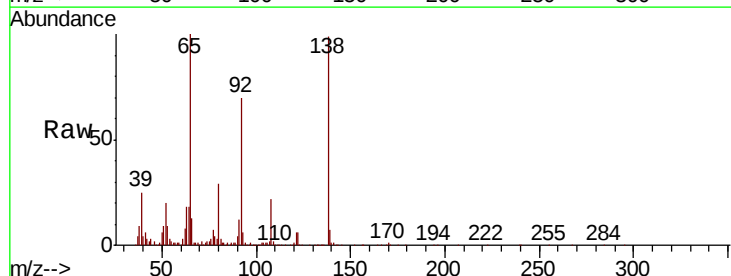
Manual Integrations
 APPROVED

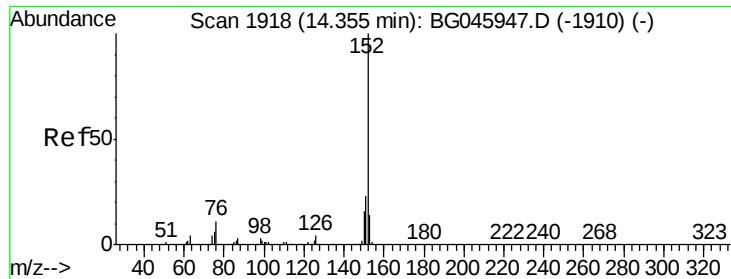
mohammad
 7/7/2020 12:03:38 PM



#48
 2-Nitroaniline
 Concen: 45.690 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	55.4	83.0
138	98.6	77.0	115.4





#49

Acenaphthylene

Concen: 40.006 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

Tot Ion:152 Resp: 1303774

Ion Ratio Lower Upper

152 100

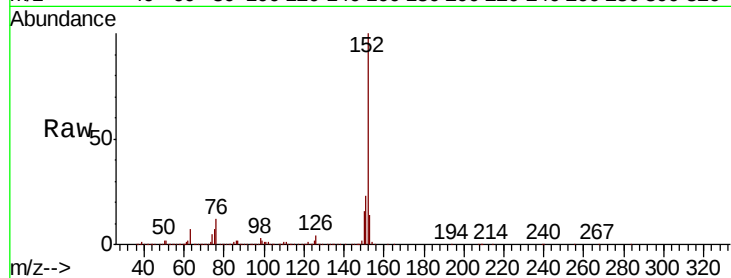
151 22.7 18.1 27.1

153 14.5 11.5 17.3

Manual Integrations
APPROVED

mohammad

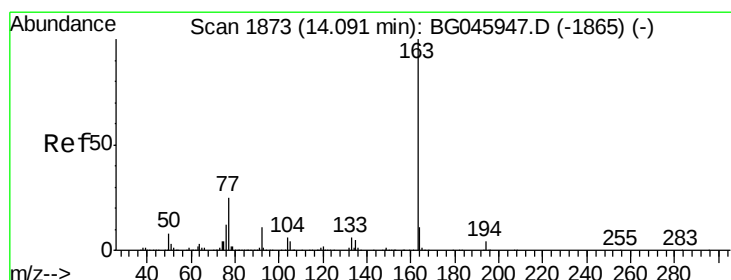
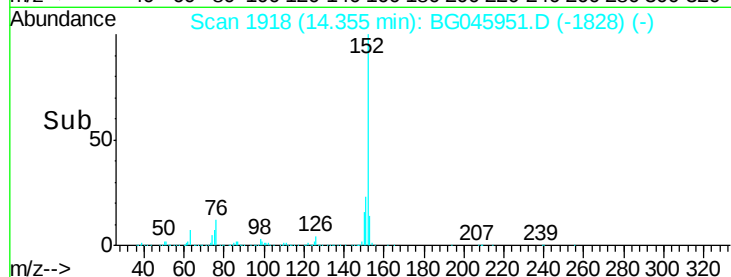
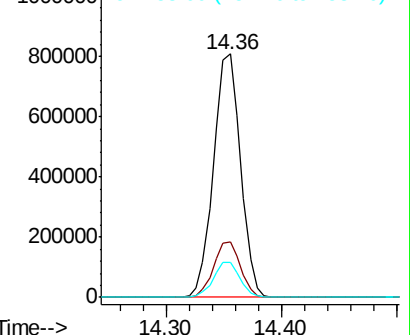
7/7/2020 12:03:38 PM



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: 39.981 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

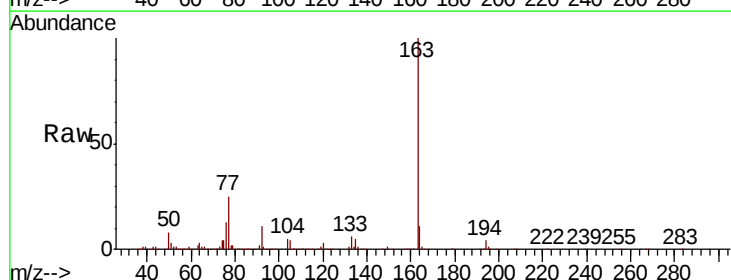
Tgt Ion:163 Resp: 1021094

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

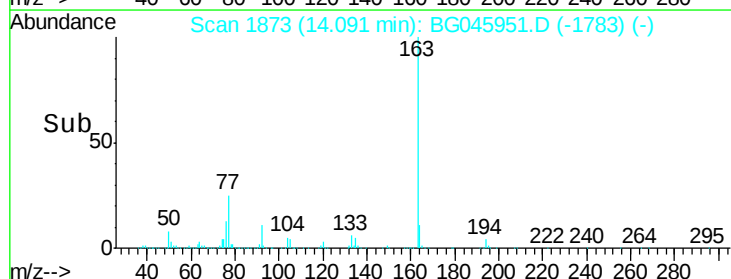
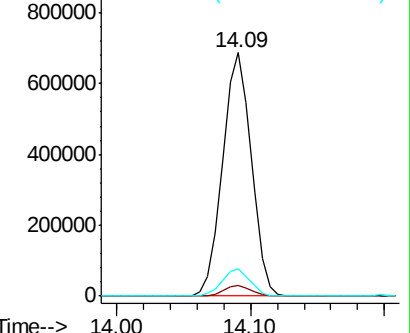
164 11.5 8.9 13.3

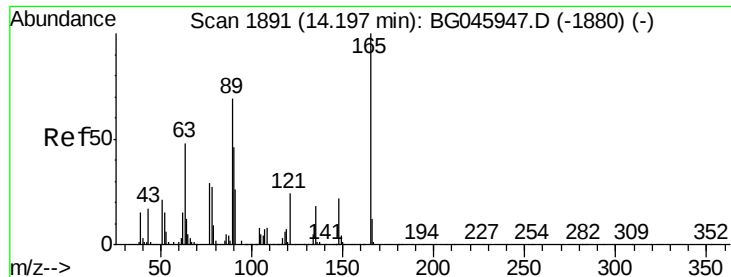


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.417 ng

RT: 14.20 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

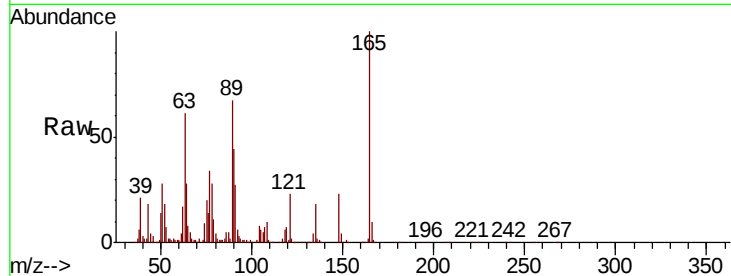
ClientSampleId :

ICVBG070620

Tot Ion:	165	Resp:	201681
Ion Ratio	Lower	Upper	
165	100		
63	61.3	51.0	76.4
89	66.6	55.7	83.5

Manual Integrations
APPROVED

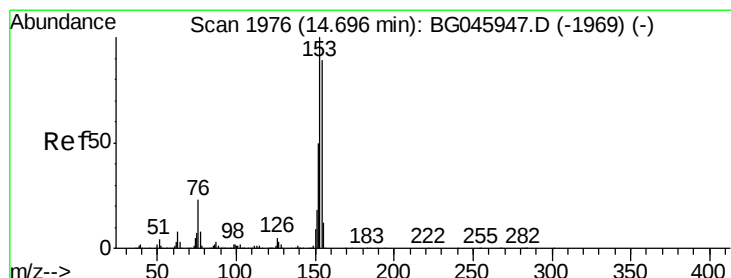
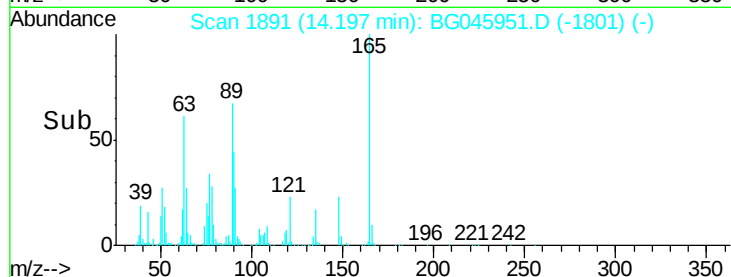
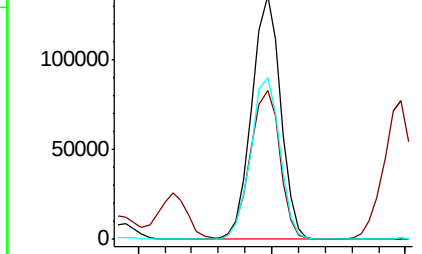
mohammad
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG045947.D (-1880) (-)

Ion 89.00 (88.70 to 89.70): BG045947.D (-1880) (-)



#52

Acenaphthene

Concen: 40.570 ng

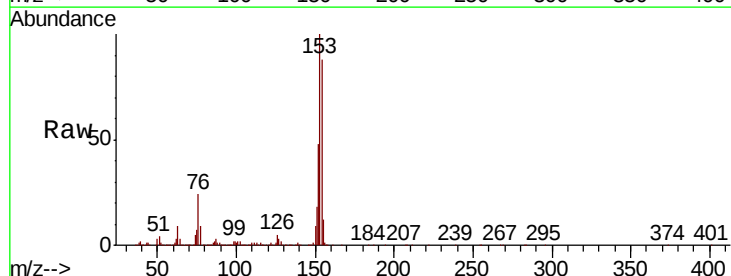
RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

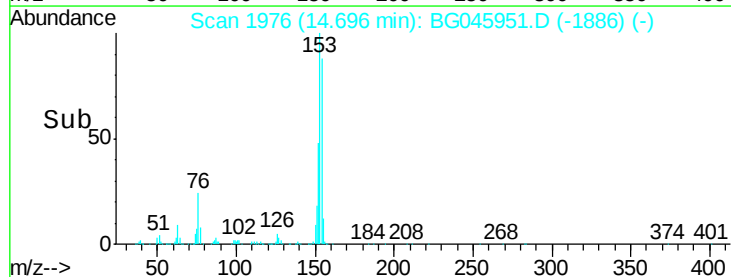
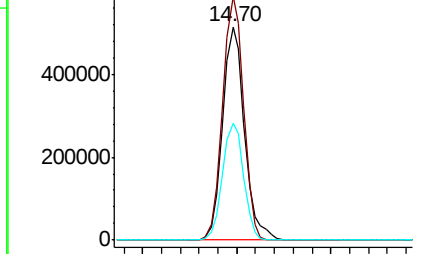
Tgt Ion:	154	Resp:	833952
Ion Ratio	Lower	Upper	
154	100		
153	114.1	89.7	134.5
152	54.9	44.7	67.1

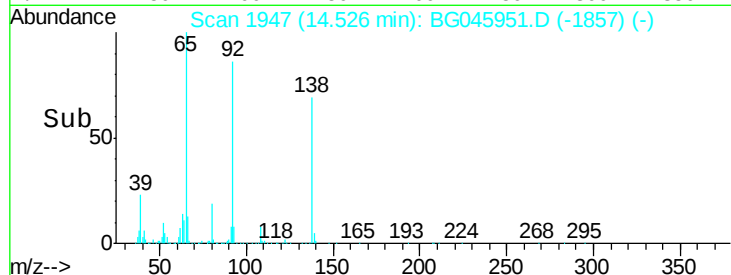
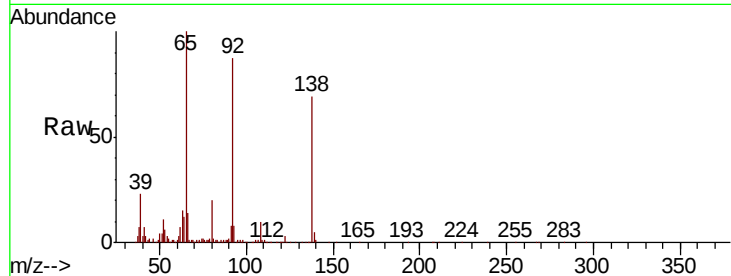
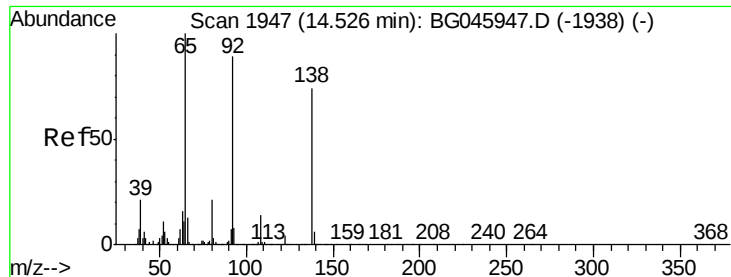


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





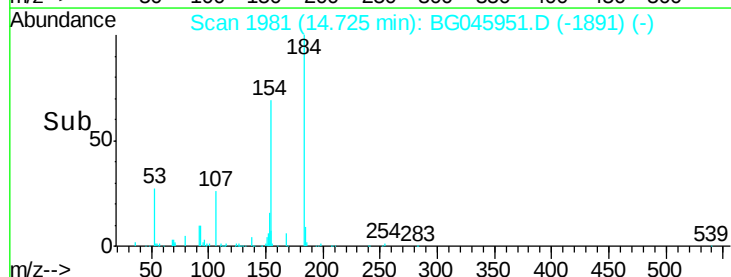
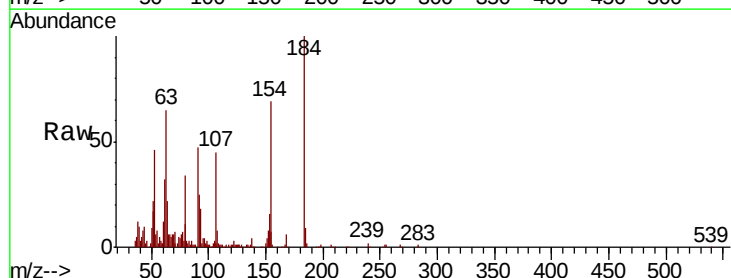
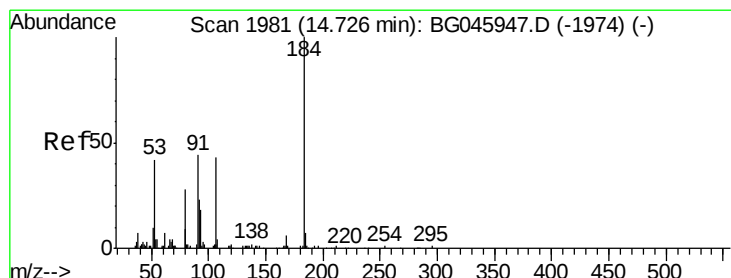
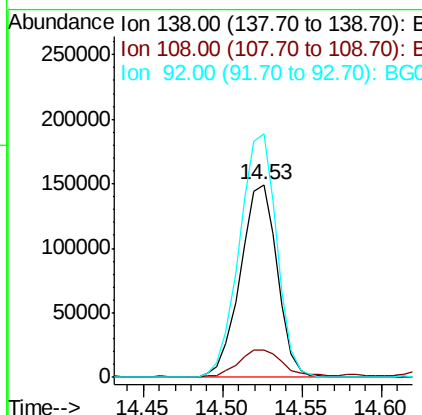
#53
3-Nitroaniline
Concen: 43.403 ng
RT: 14.53 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.2	15.4	23.2#
92	126.4	95.9	143.9

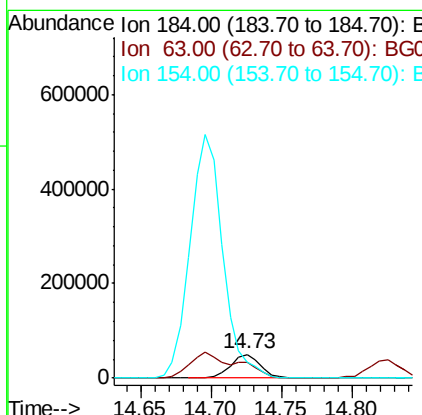
Manual Integrations
APPROVED

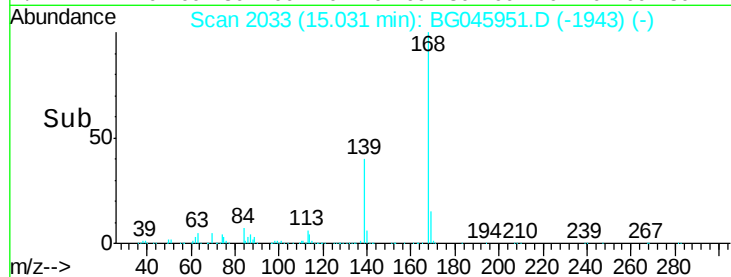
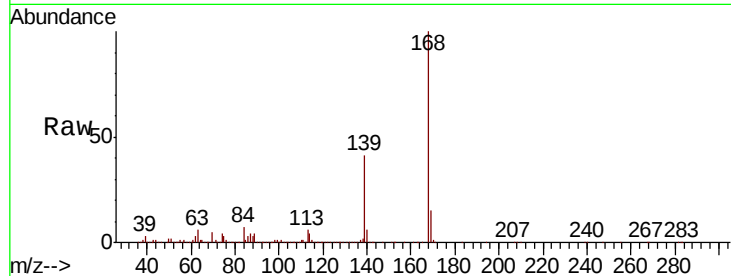
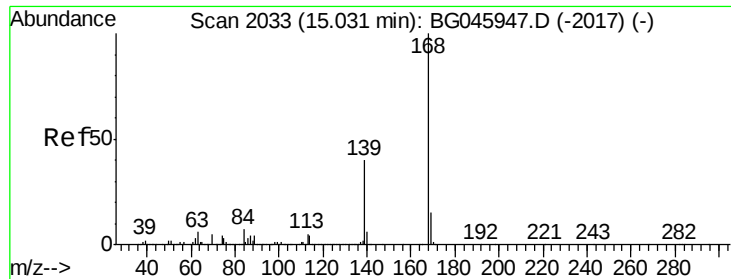
mohammad
7/7/2020 12:03:38 PM



#54
2,4-Dinitrophenol
Concen: 45.770 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	46.0	69.0
154	68.8	58.2	87.2





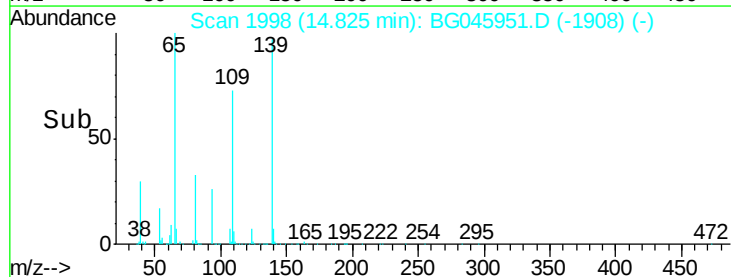
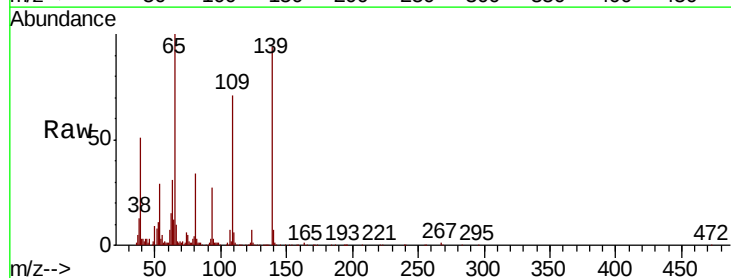
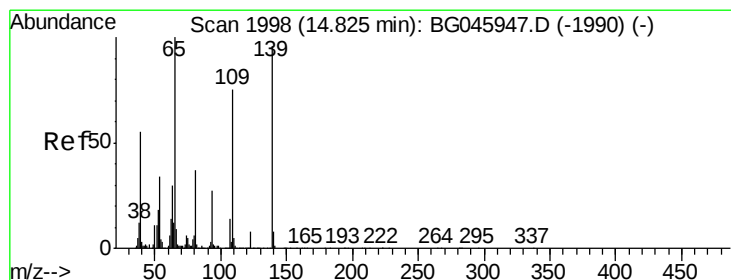
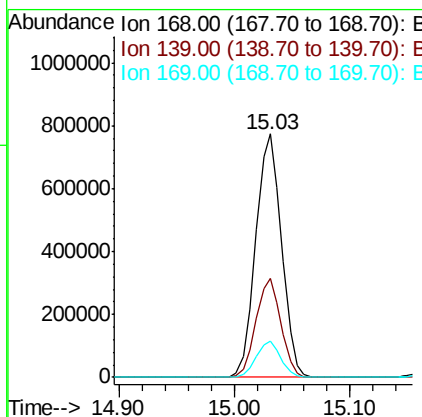
#55
Dibenzofuran
Concen: 39.879 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.2	48.2
169	14.7	11.8	17.8

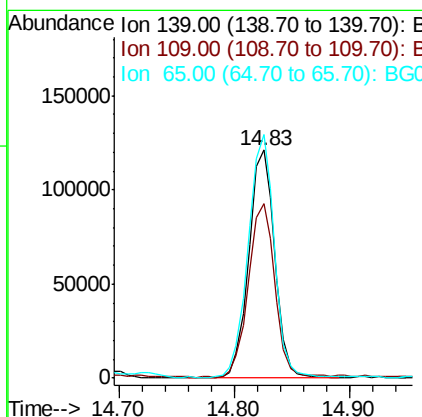
Manual Integrations
APPROVED

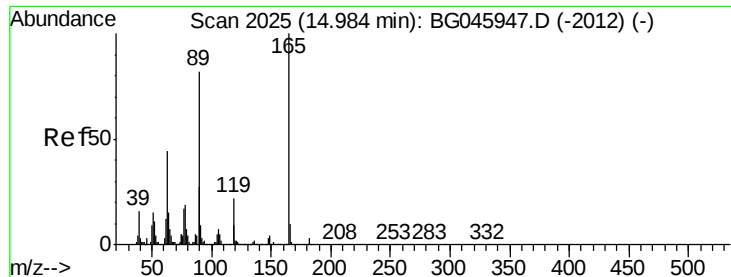
mohammad
7/7/2020 12:03:38 PM



#56
4-Nitrophenol
Concen: 45.566 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.3	58.5	98.5
65	106.7	84.7	124.7





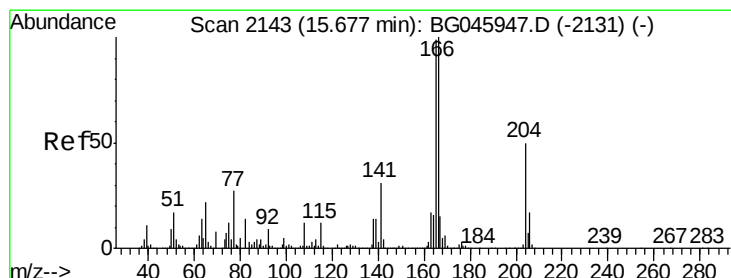
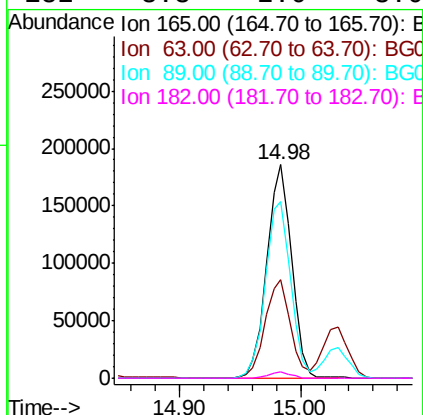
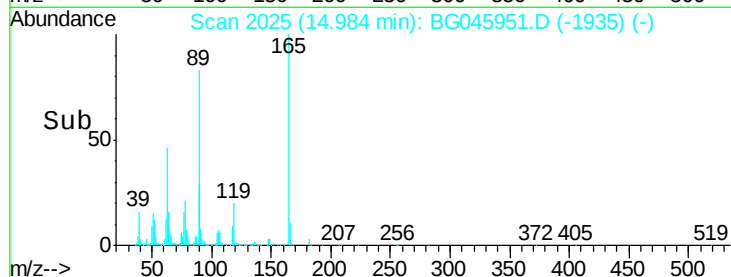
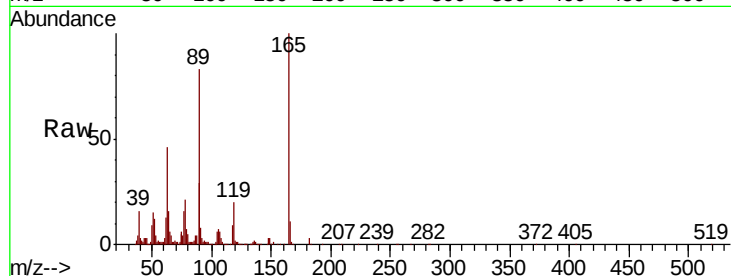
#57
2,4-Dinitrotoluene
Concen: 44.981 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	35.4	53.0
89	82.5	65.4	98.2
182	3.3	2.0	3.0

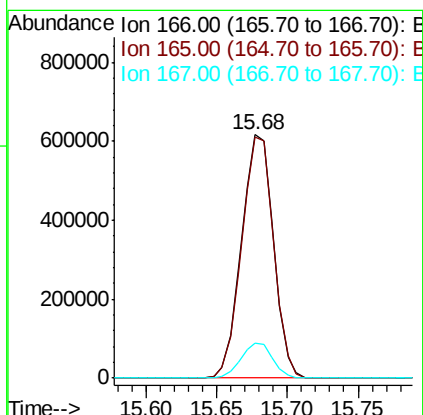
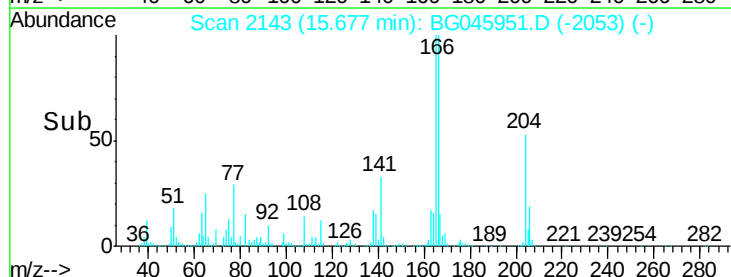
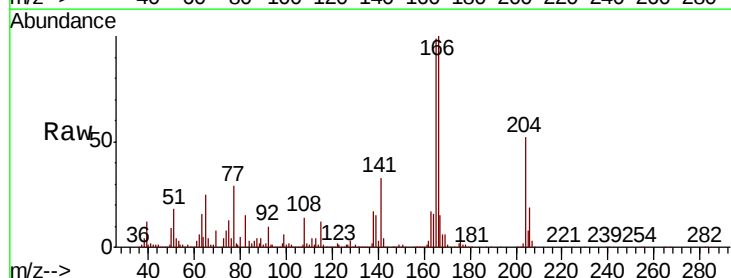
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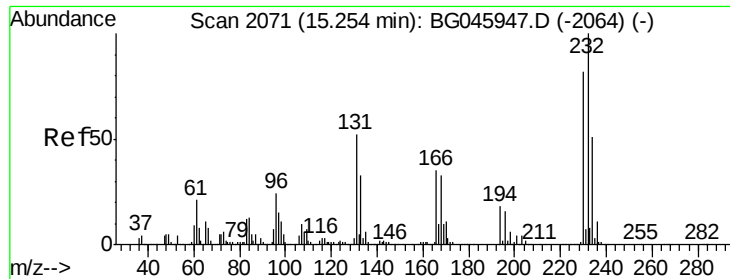
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#58
Fluorene
Concen: 39.633 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.9	118.3
167	14.6	12.1	18.1





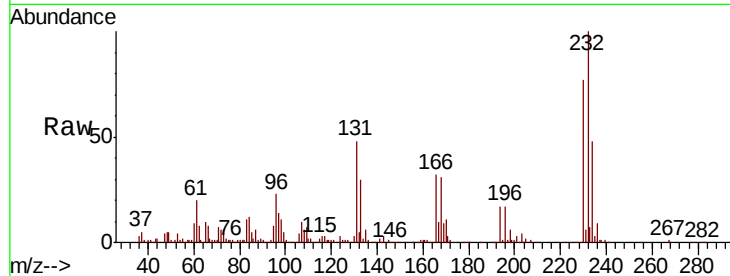
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.498 ng m
 RT: 15.25 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Instrument :
 BNA_G
 ClientSampled :
 ICVBG070620

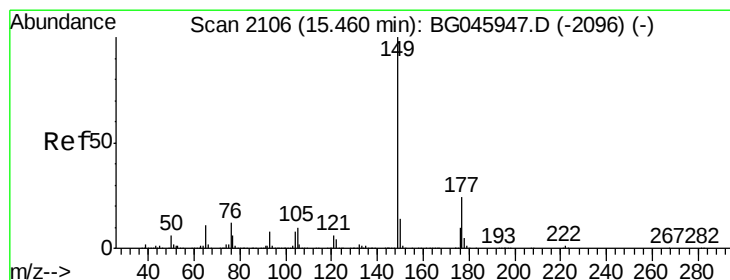
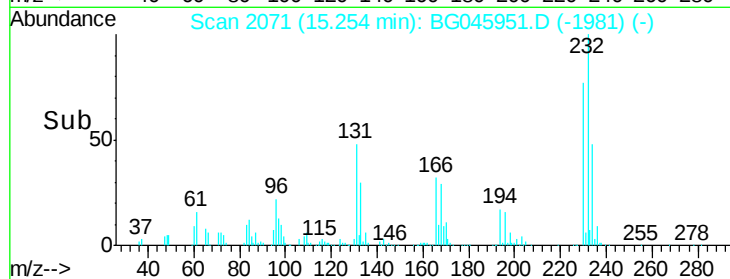
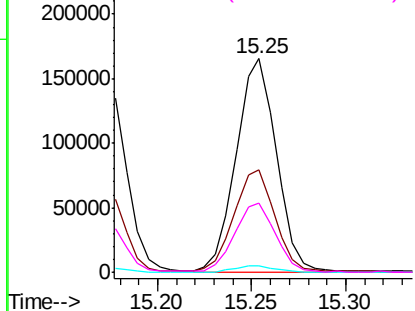
Tot Ion	Ratio	Resp	Lower	Upper
232	100	246355		
131	44.6		35.8	53.6
130	2.8		2.5	3.7
166	27.4		21.8	32.8

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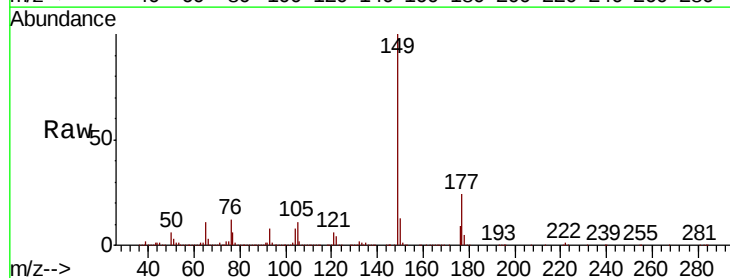


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

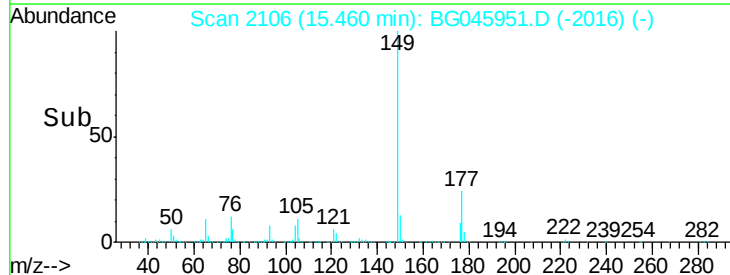
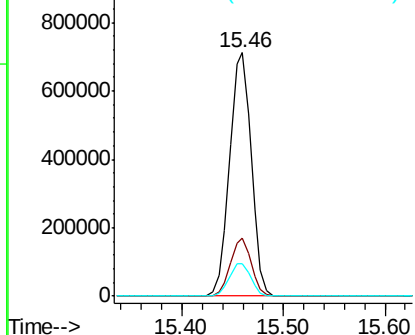


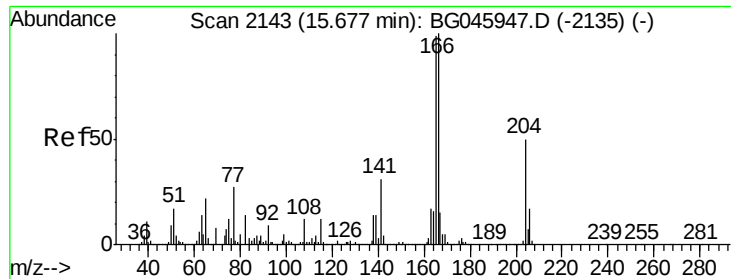
#60
 Diethylphthalate
 Concen: 39.248 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1051225		
177	24.0		19.0	28.4
150	13.4		11.0	16.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





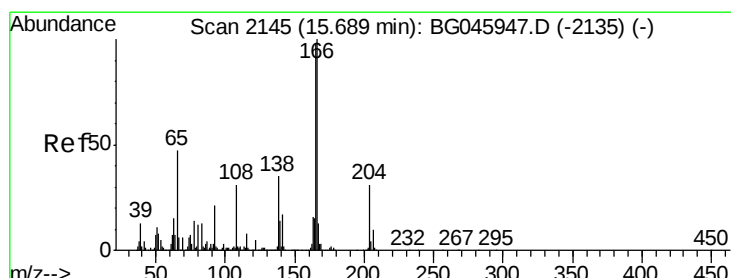
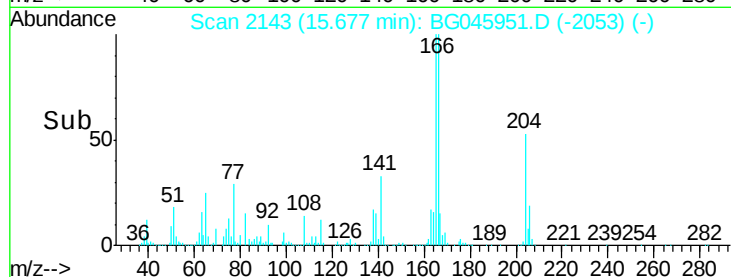
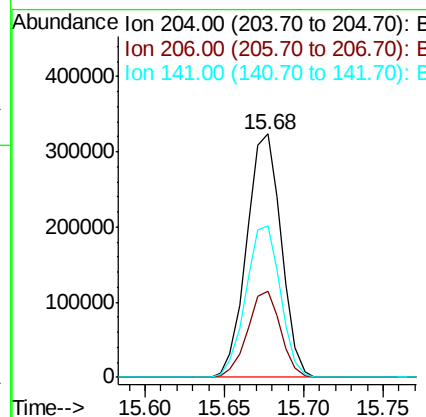
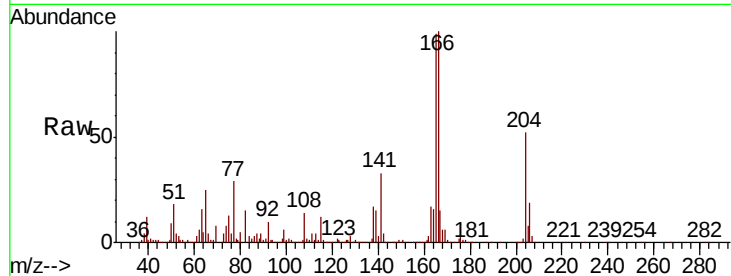
#61
4-Chlorophenyl-phenylether
Concen: 39.691 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Resp	Lower	Upper
204	100	488096		
206	35.3	27.1	40.7	
141	62.4	49.8	74.8	

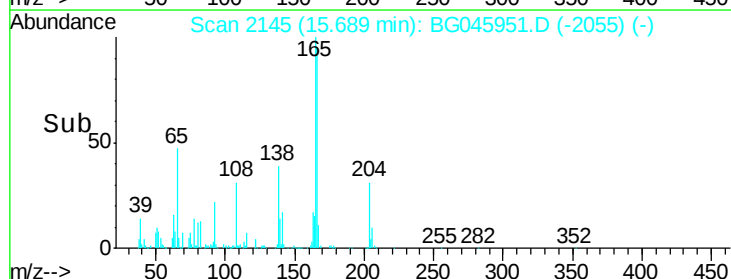
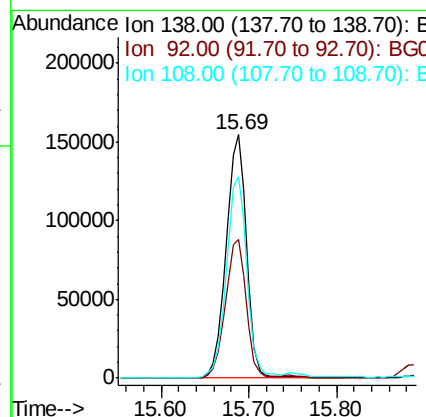
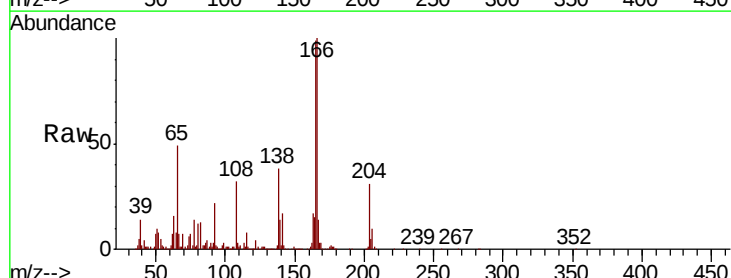
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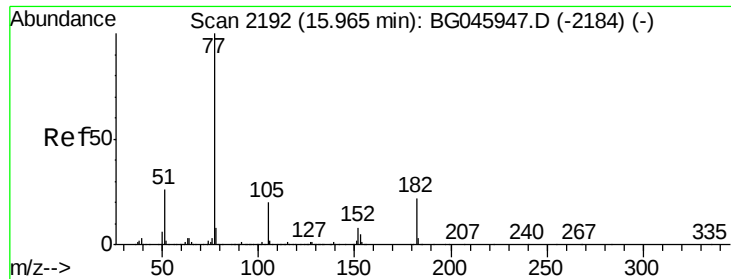
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#62
4-Nitroaniline
Concen: 47.440 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	250412		
92	56.9	40.3	80.3	
108	82.9	68.0	108.0	





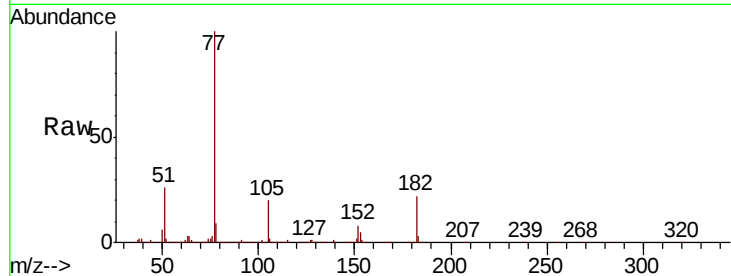
#63
Azobenzene
Concen: 39.851 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

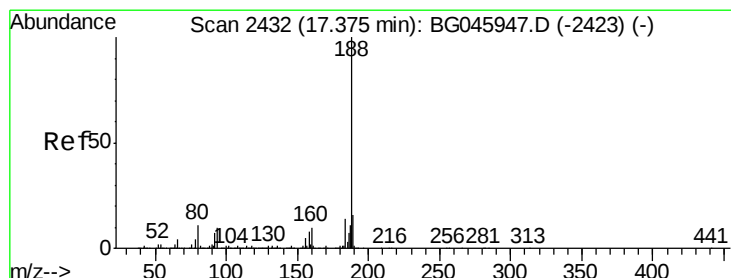
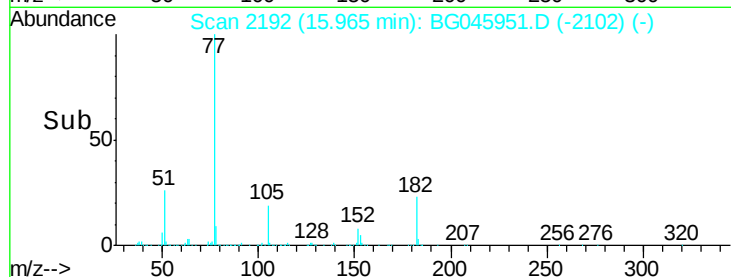
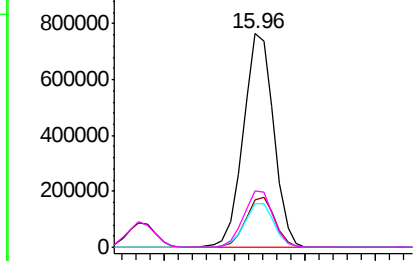
Tot Ion	77	Resp	1145595
Ion	Ratio	Lower	Upper
77	100		
182	22.5	2.4	42.4
105	20.1	0.3	40.3
51	26.2	6.3	46.3

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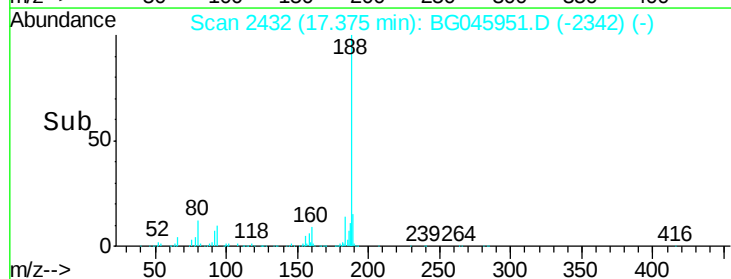
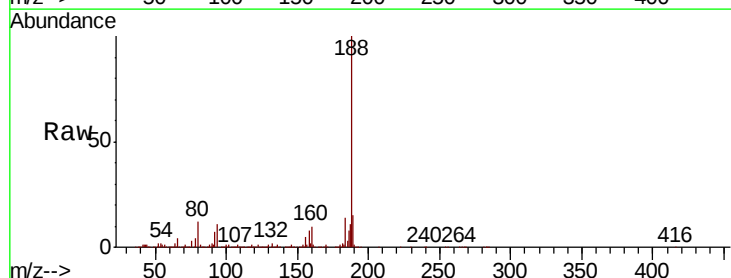
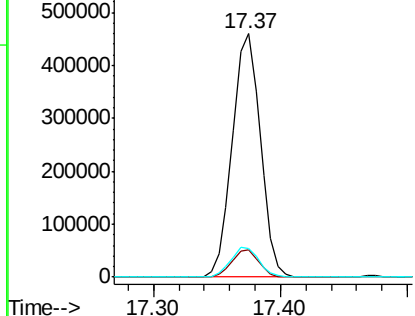
Abundance Ion 77.00 (76.70 to 77.70): BGC
1200000
Ion 182.00 (181.70 to 182.70): BGC
1000000
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

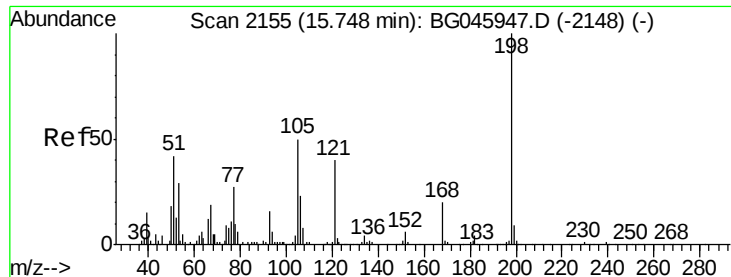


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	188	Resp	703964
Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.2	12.4
80	11.9	9.0	13.6

Abundance Ion 188.00 (187.70 to 188.70): BGC
600000
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





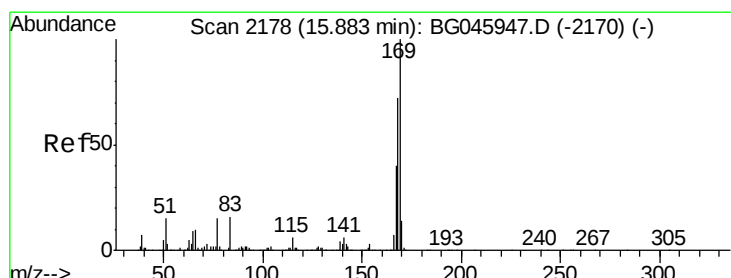
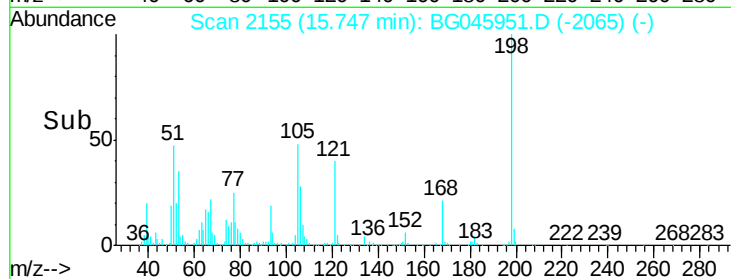
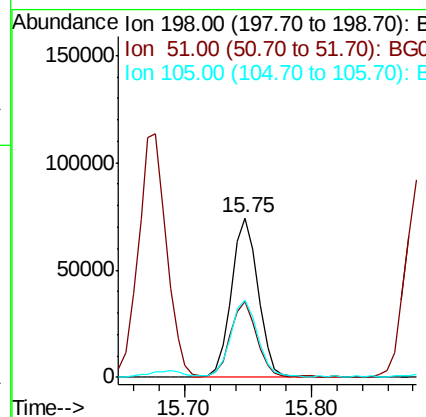
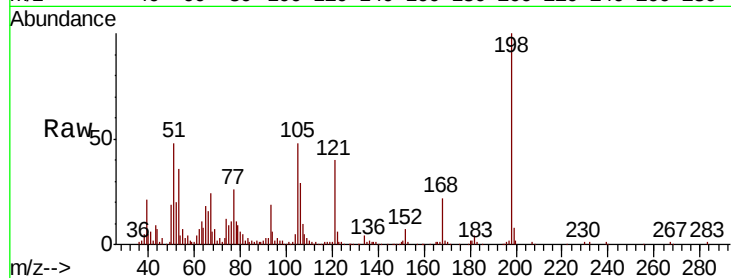
#65
4,6-Dinitro-2-methylphenol
Concen: 44.902 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Resp	Lower	Upper
198	100	107600		
51	47.8	24.5	64.5	
105	48.2	30.9	70.9	

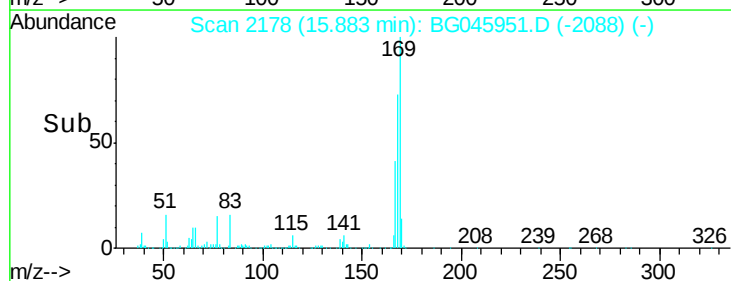
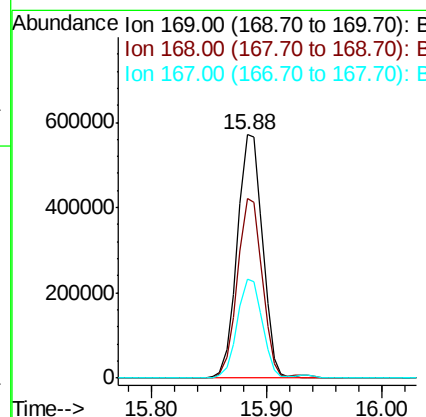
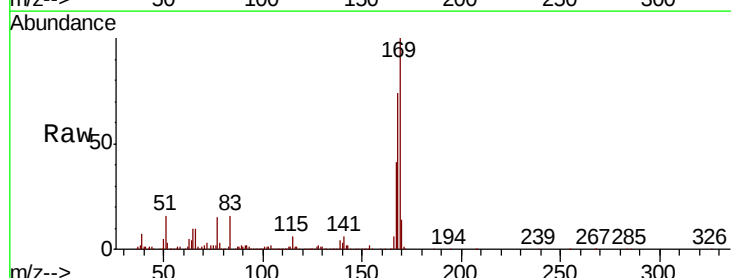
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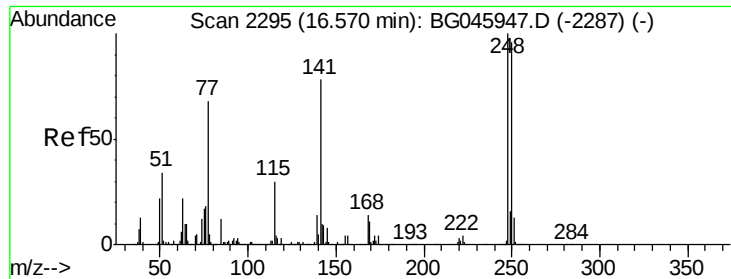
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#66
n-Nitrosodiphenylamine
Concen: 39.672 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	865436		
168	73.5	57.3	85.9	
167	40.7	32.1	48.1	





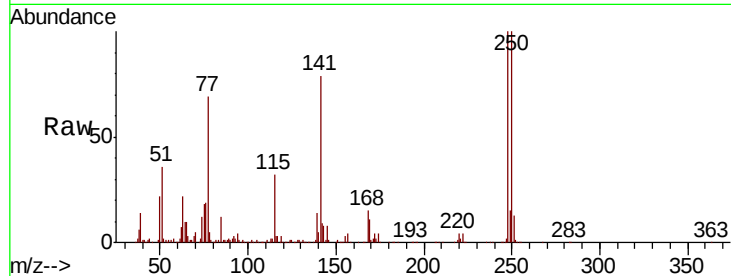
#67
4-Bromophenyl-phenylether
Concen: 40.398 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	76.6	114.8
141	78.7	62.7	94.1

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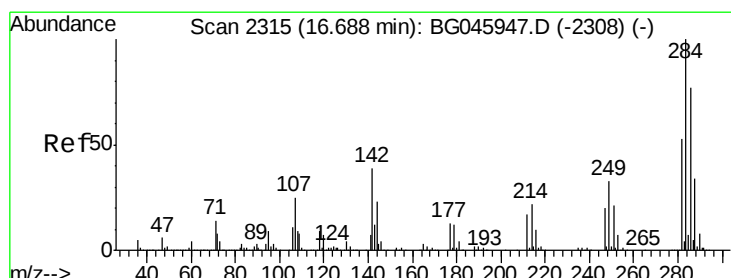
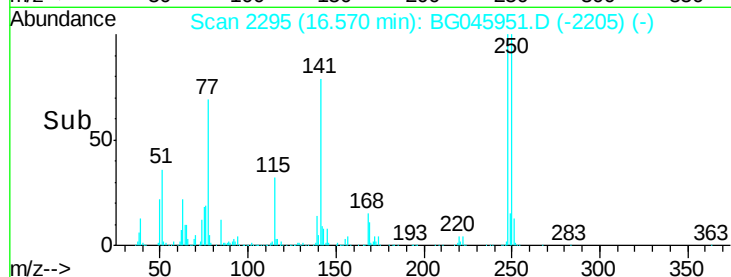
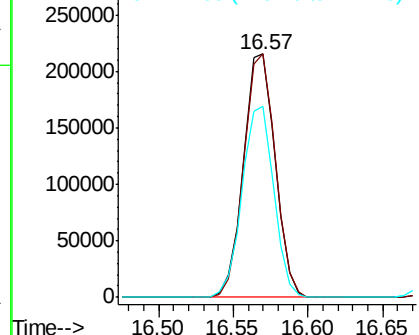


Abundance

Ion 248.00 (247.70 to 248.70): E

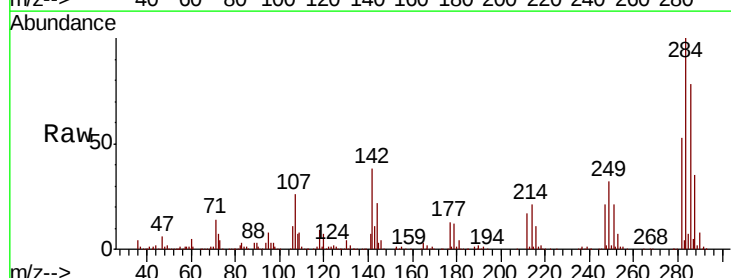
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.555 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	31.3	46.9
249	32.3	26.8	40.2

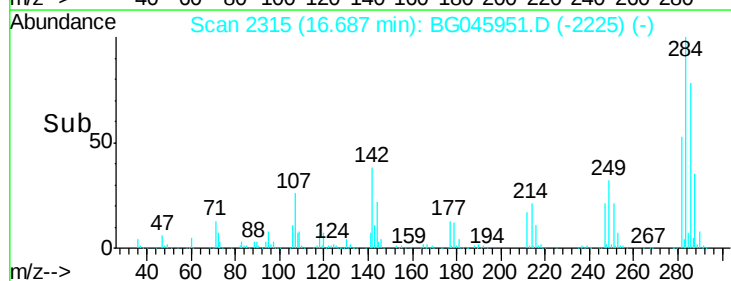
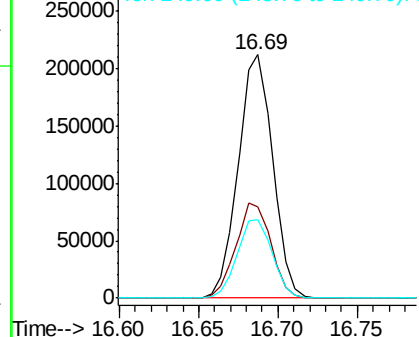


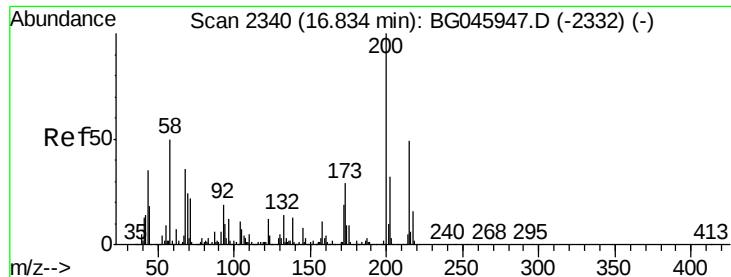
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.849 ng

RT: 16.83 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

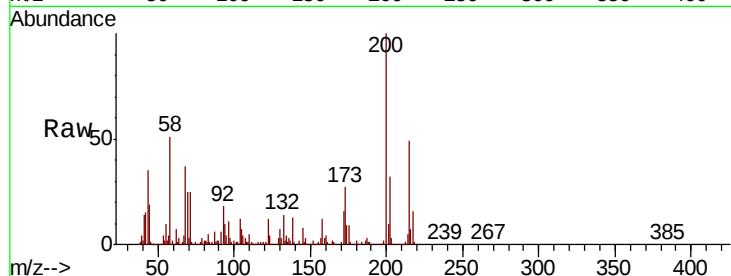
ClientSampleId :

ICVBG070620

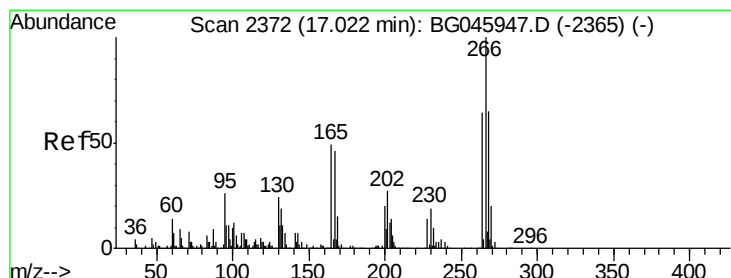
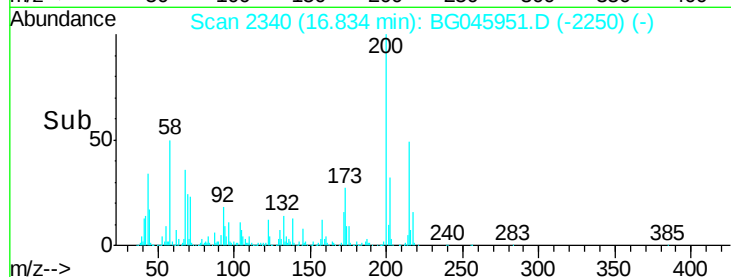
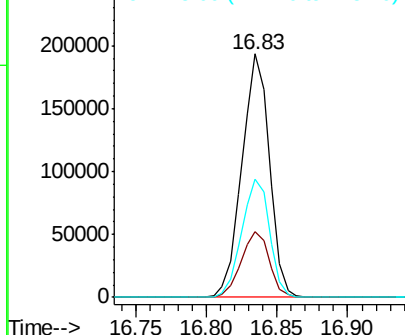
Tot Ion:	200	Resp:	263466
Ion Ratio	Lower	Upper	
200	100		
173	27.0	9.1	49.1
215	48.7	28.8	68.8

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



#70

Pentachlorophenol

Concen: 46.303 ng

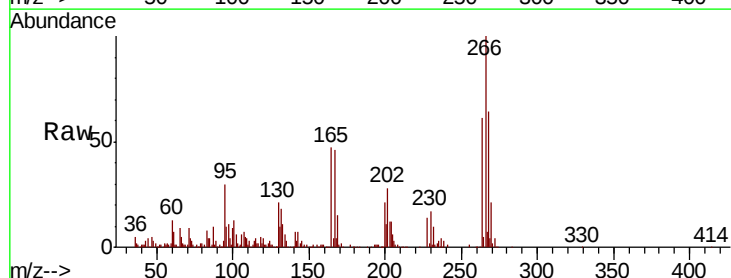
RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

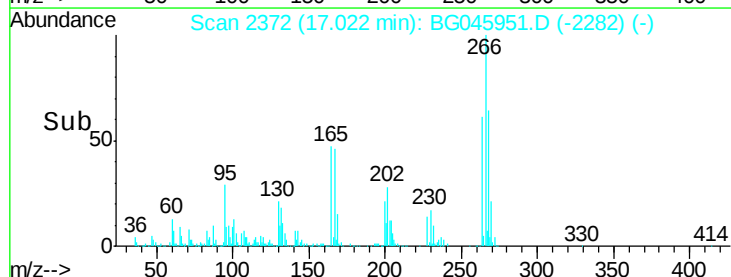
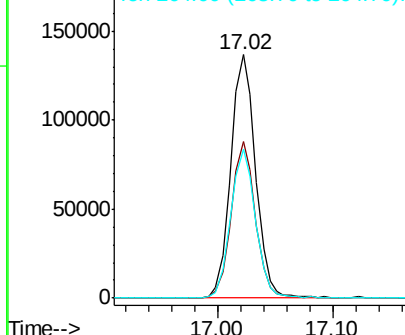
Lab File: BG045951.D

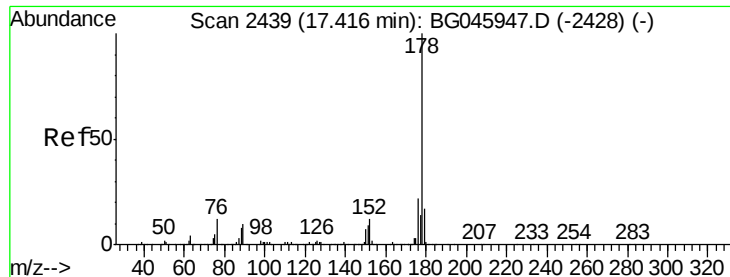
Acq: 6 Jul 2020 22:23

Tgt Ion:	266	Resp:	203109
Ion Ratio	Lower	Upper	
266	100		
268	64.1	51.8	77.8
264	61.2	51.4	77.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.623 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

Tot Ion:178 Resp: 1474632

Ion Ratio Lower Upper

178 100

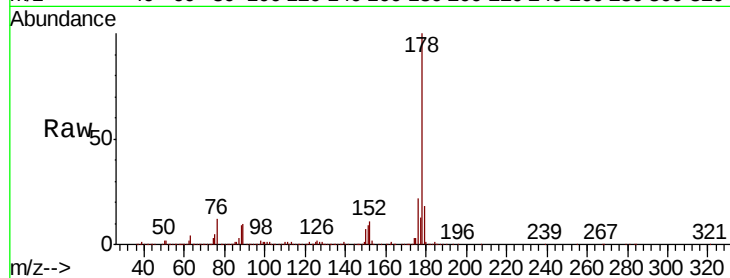
176 22.0 17.4 26.2

179 17.6 13.4 20.2

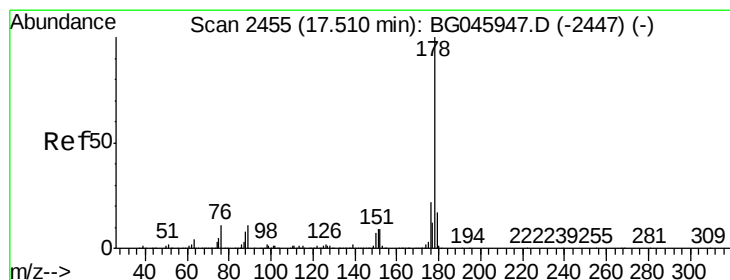
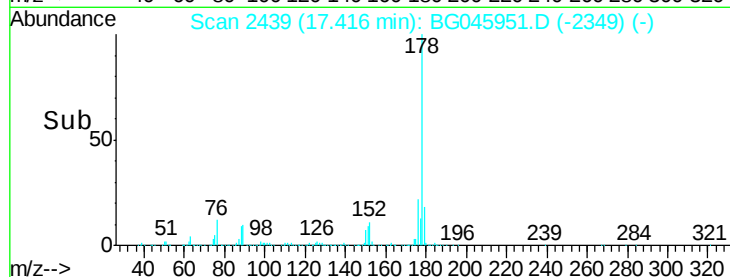
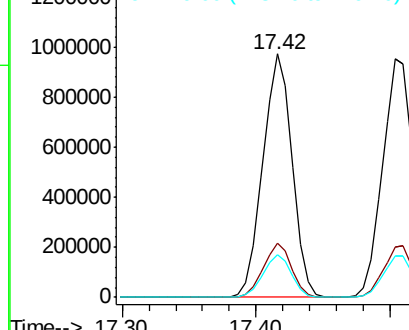
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.718 ng

RT: 17.50 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

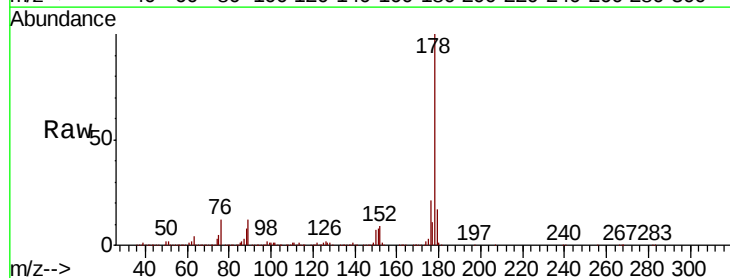
Tgt Ion:178 Resp: 1500111

Ion Ratio Lower Upper

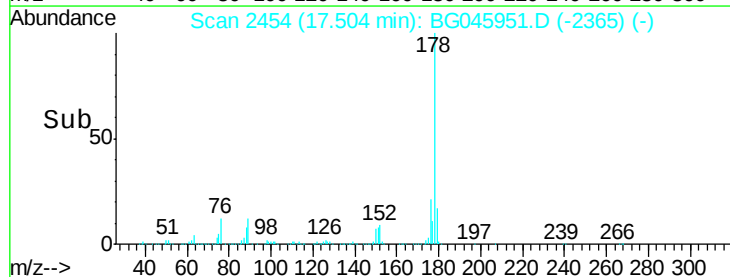
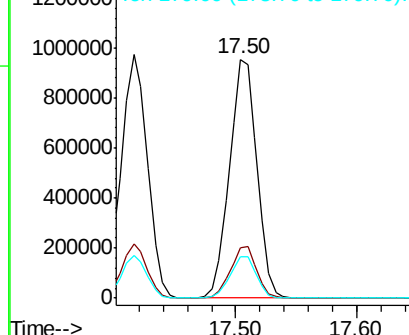
178 100

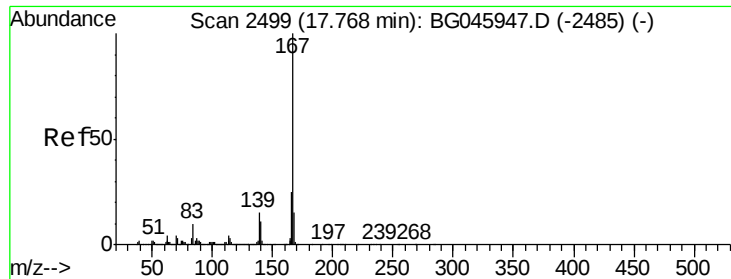
176 21.3 17.2 25.8

179 17.4 14.0 21.0



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





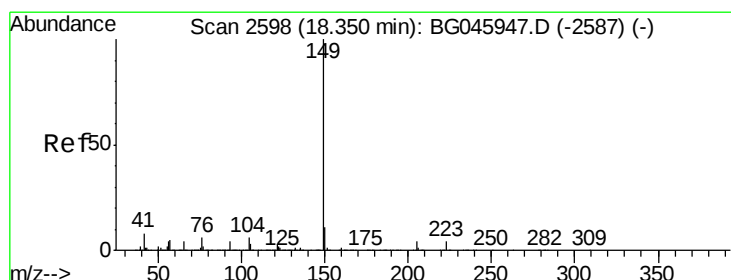
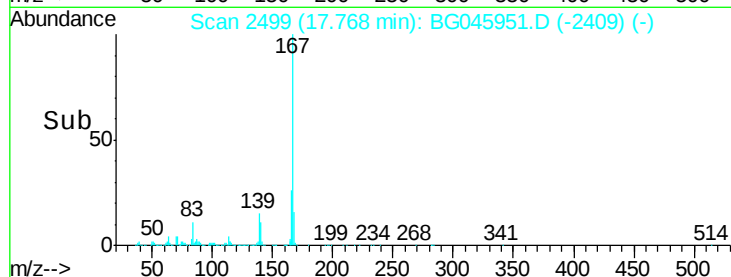
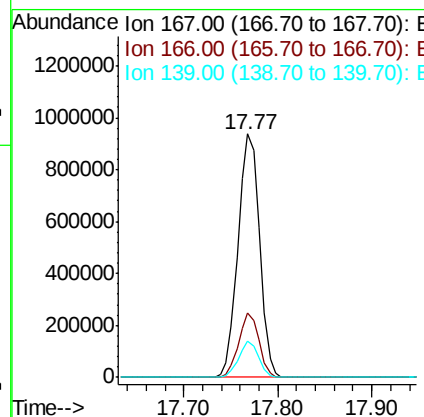
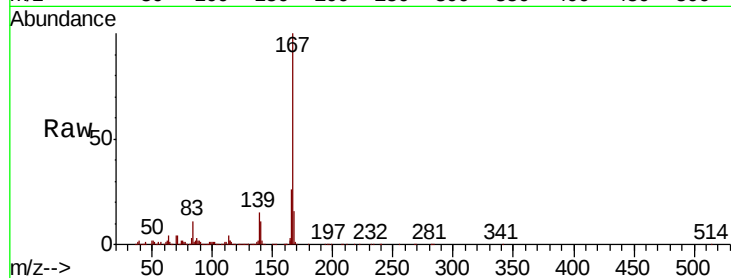
#73
 Carbazole
 Concen: 39.494 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG070620

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.2	20.4	30.6
139	14.7	11.8	17.8

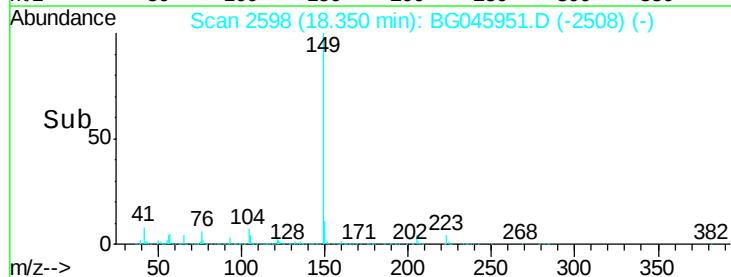
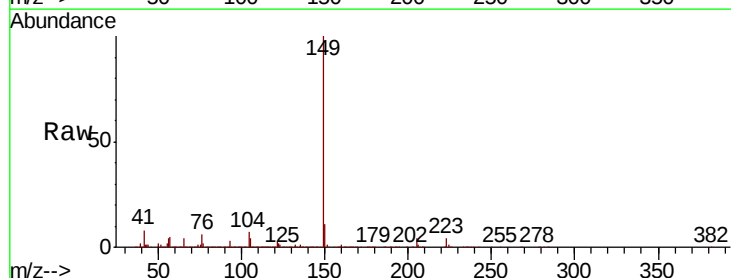
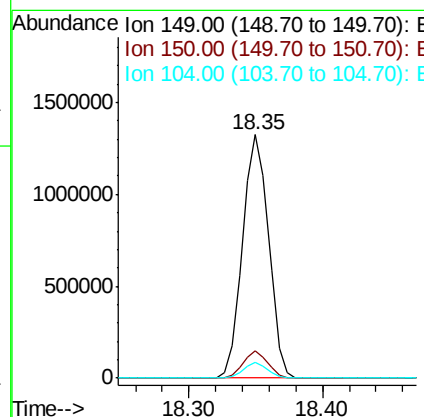
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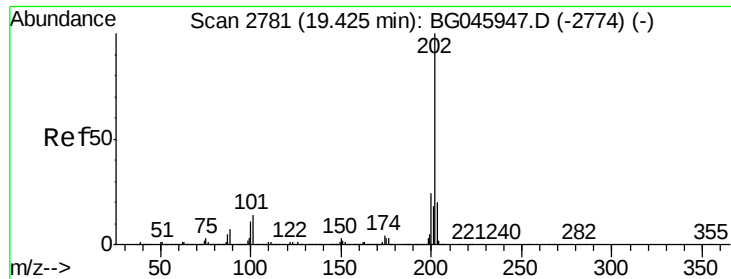
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.040 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.1	9.0	13.4
104	6.6	5.2	7.8





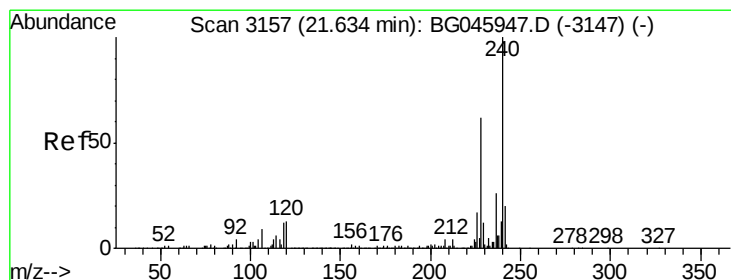
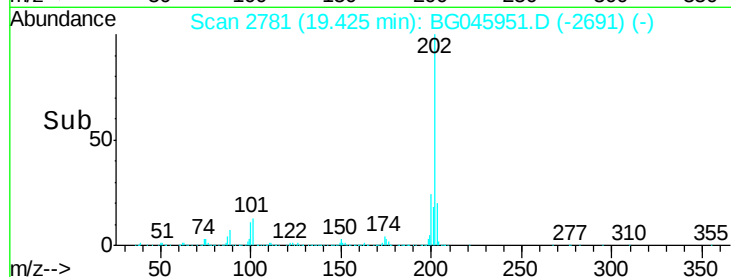
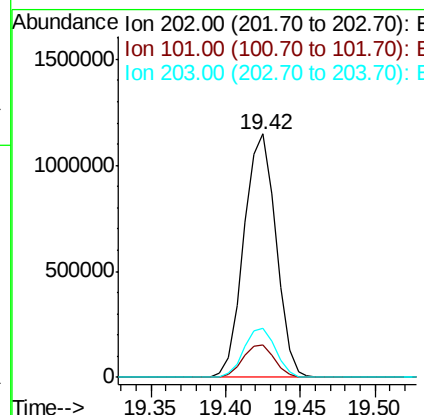
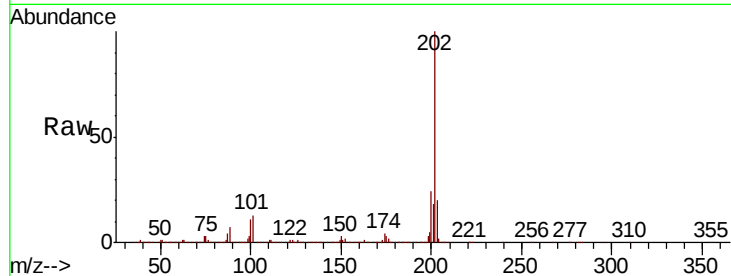
#75
 Fluoranthene
 Concen: 39.599 ng
 RT: 19.42 min Scan# 2781
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG070620

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.8
203	20.2	0.4	40.4

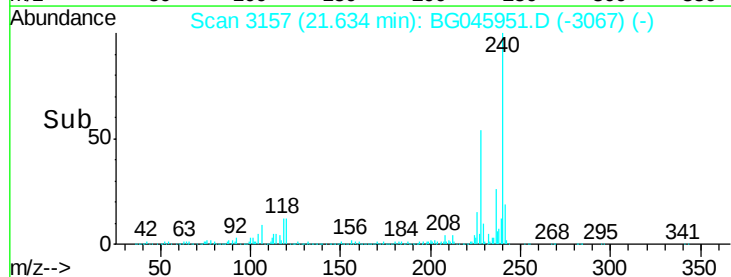
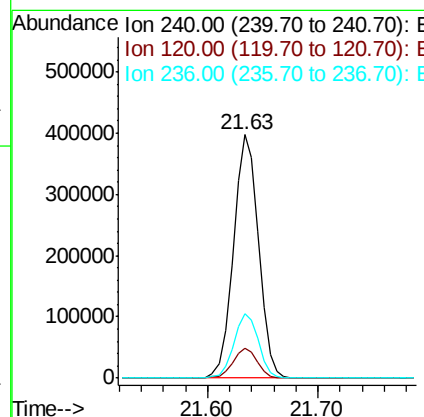
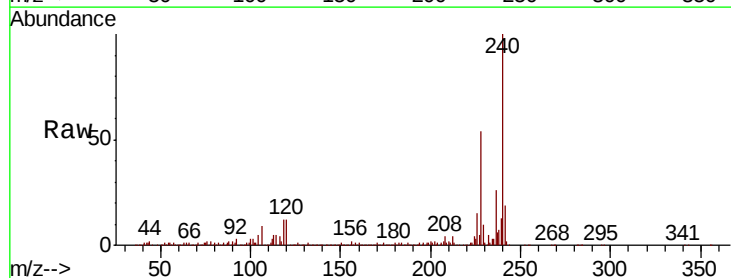
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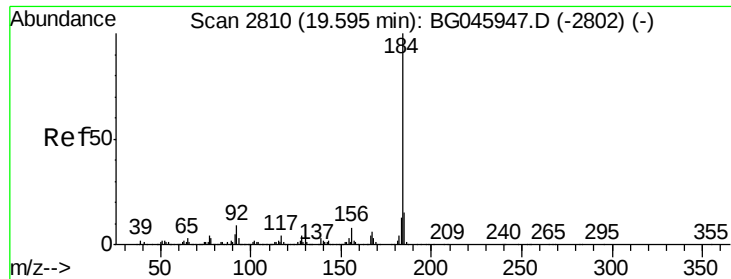
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.6	16.0
236	26.4	20.4	30.6





#77

Benzidine

Concen: 38.000 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

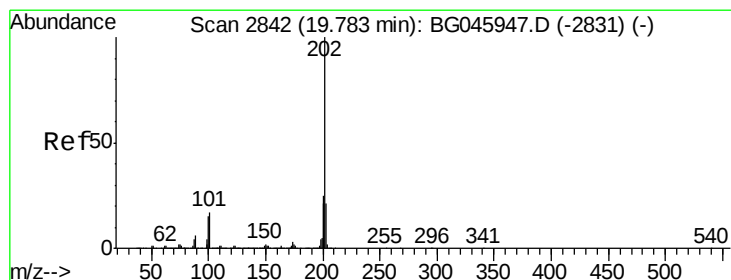
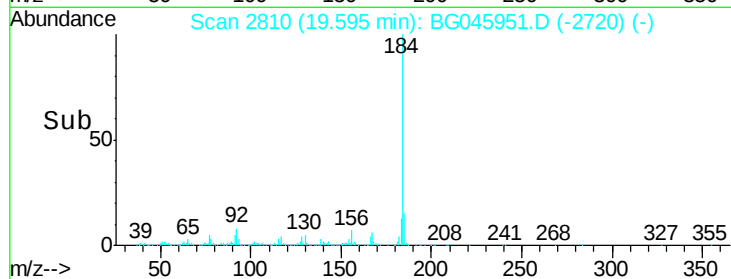
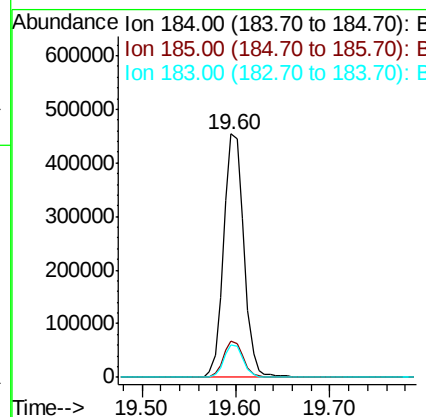
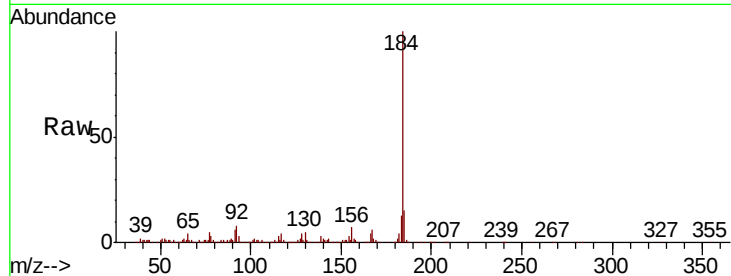
ClientSampleId :

ICVBG070620

Tot Ion:	184	Resp:	684572
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.6	17.4
183	13.3	10.4	15.6

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#78

Pyrene

Concen: 40.361 ng

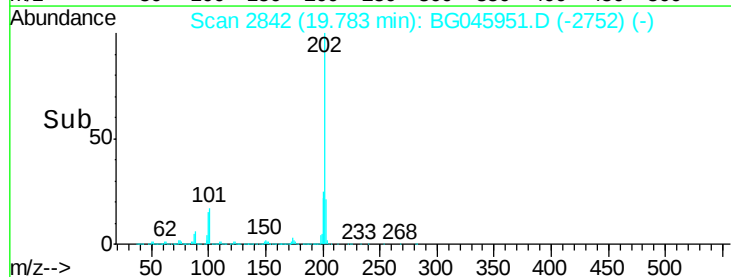
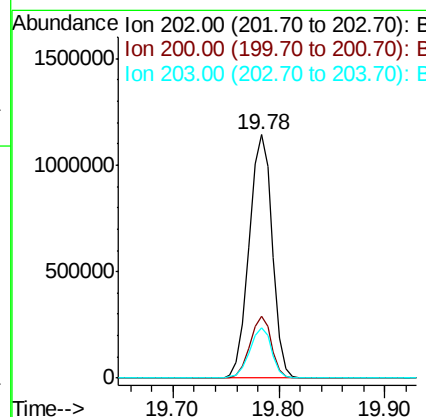
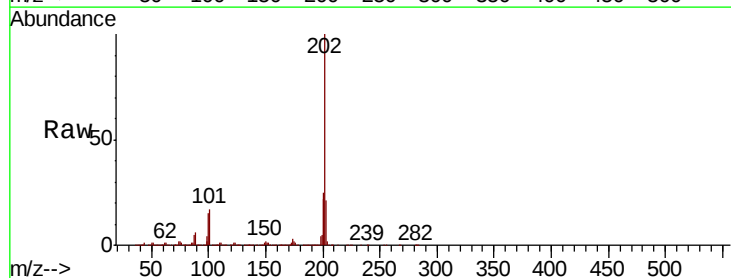
RT: 19.78 min Scan# 2842

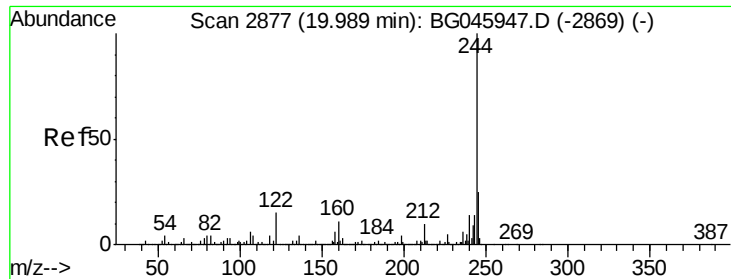
Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion:	202	Resp:	1735869
Ion Ratio	Lower	Upper	
202	100		
200	25.5	20.1	30.1
203	20.5	16.5	24.7





#79

Terphenyl-d14

Concen: 78.633 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

Tot Ion:244 Resp: 2226171

Ion Ratio Lower Upper

244 100

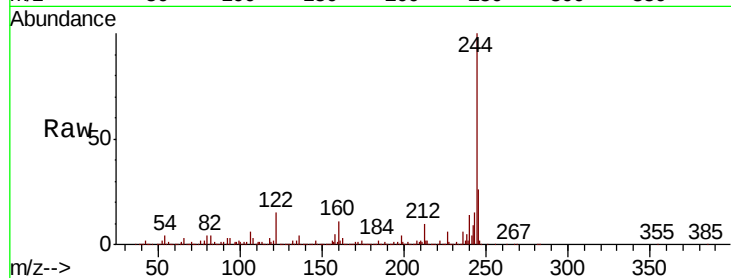
212 10.3 8.3 12.5

122 14.8 12.1 18.1

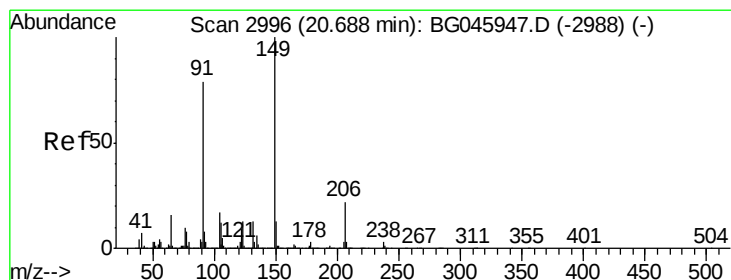
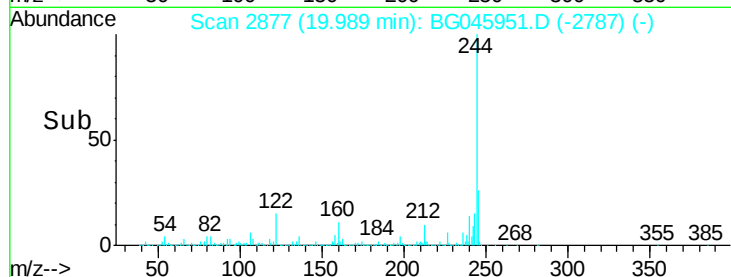
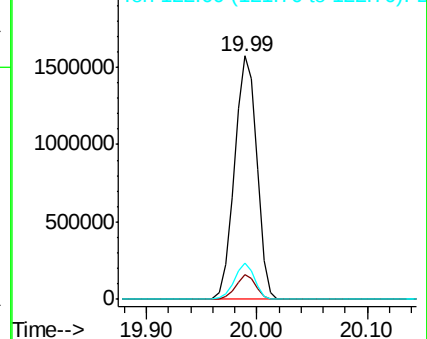
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.501 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

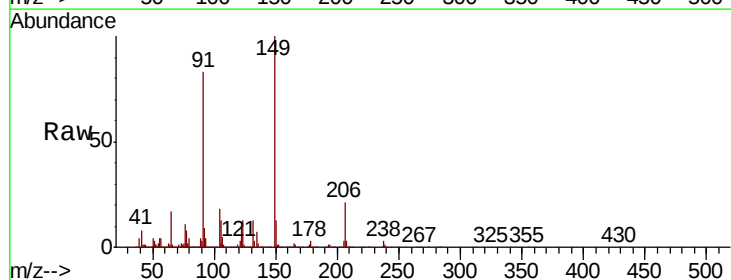
Tgt Ion:149 Resp: 843475

Ion Ratio Lower Upper

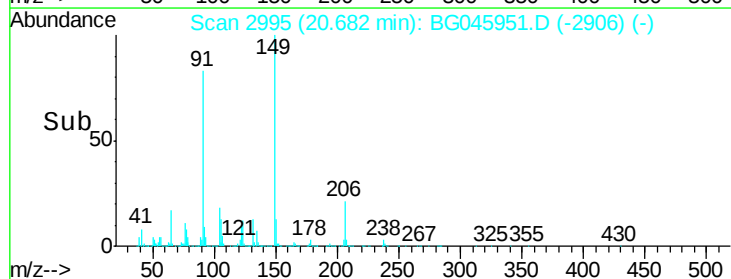
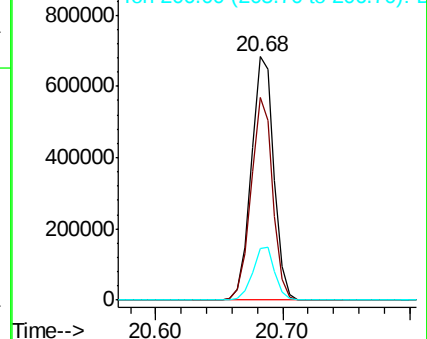
149 100

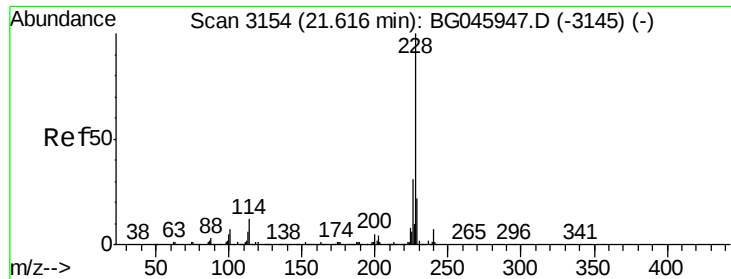
91 83.3 63.1 94.7

206 21.0 17.4 26.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.338 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

Tot Ion:228 Resp: 1629724

Ion Ratio Lower Upper

228 100

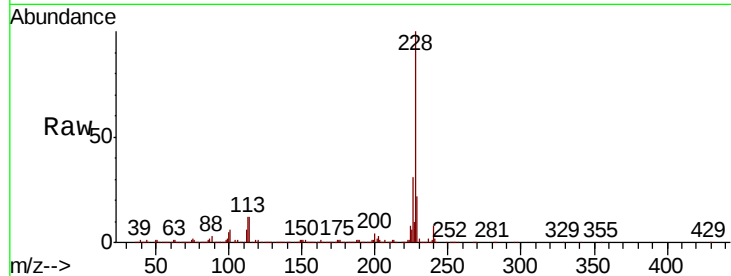
226 31.3 24.8 37.2

229 22.4 17.8 26.8

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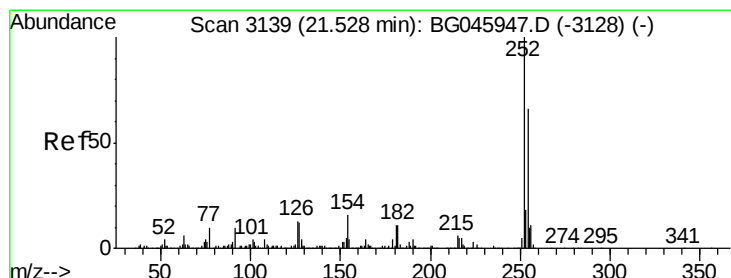
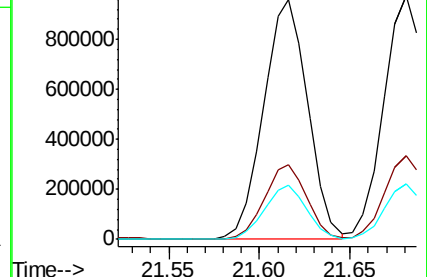
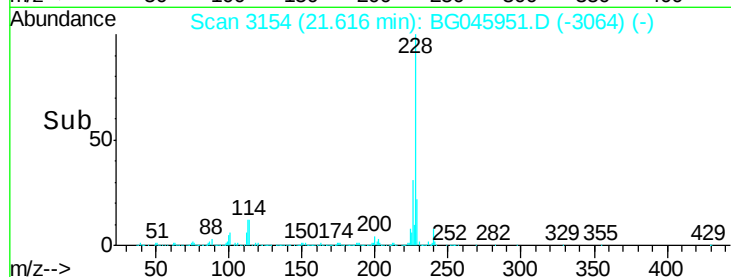


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.62



#82

3,3'-Dichlorobenzidine

Concen: 40.205 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

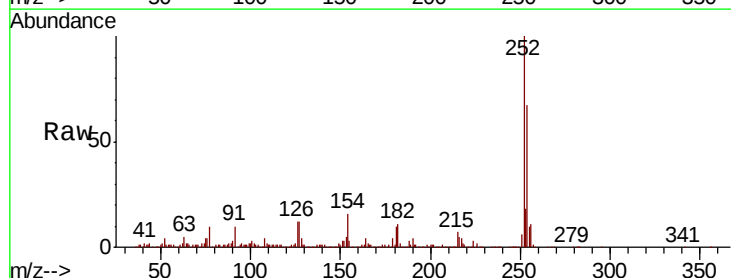
Tgt Ion:252 Resp: 615482

Ion Ratio Lower Upper

252 100

254 67.1 52.9 79.3

126 11.8 10.4 15.6

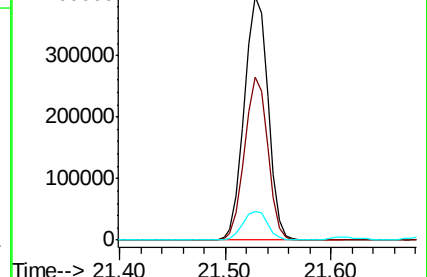
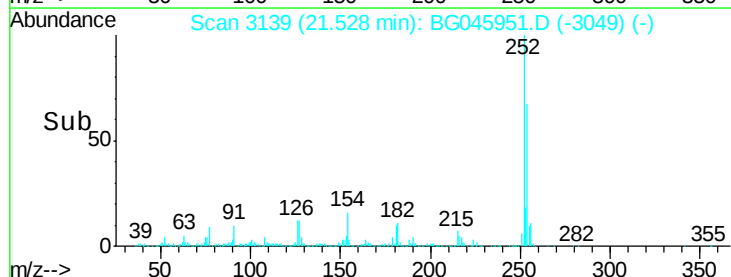


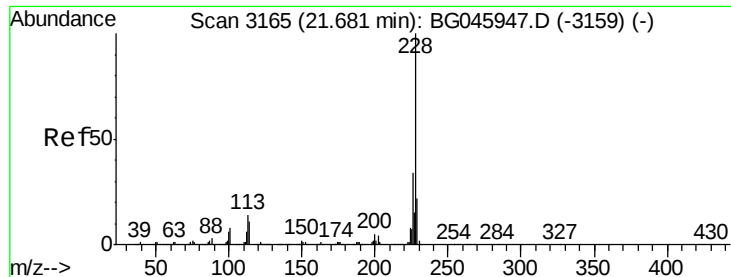
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

21.53





#83

Chrysene

Concen: 39.495 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

Tot Ion:228 Resp: 1558786

Ion Ratio Lower Upper

228 100

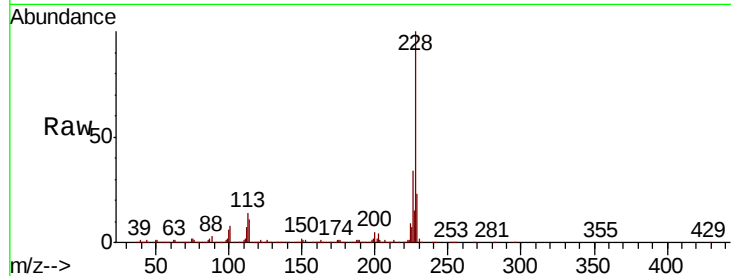
226 34.2 26.7 40.1

229 22.6 17.3 25.9

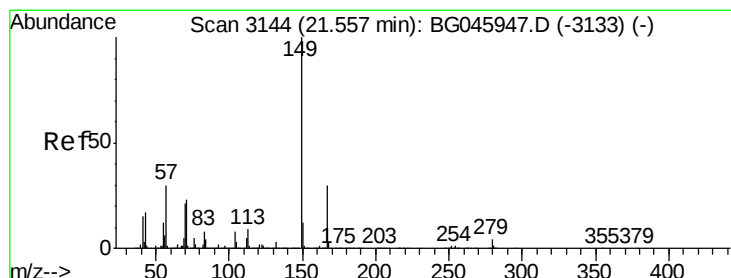
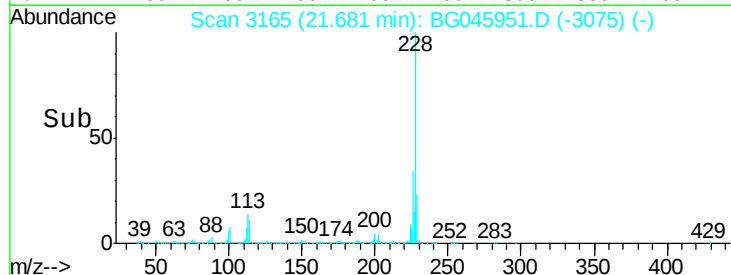
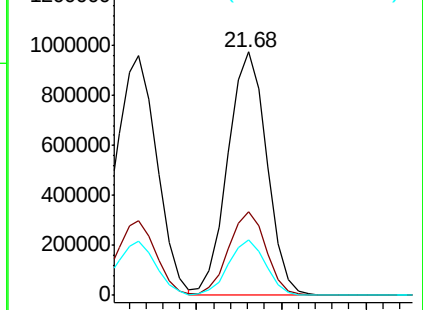
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.722 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

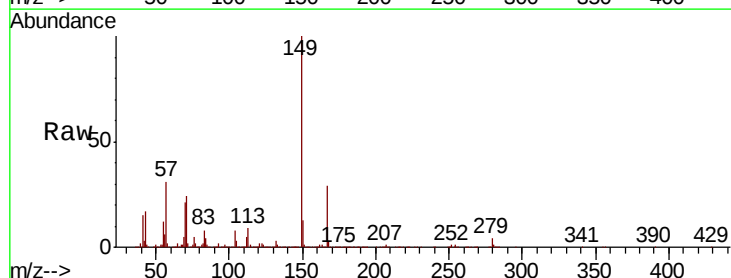
Tgt Ion:149 Resp: 1171871

Ion Ratio Lower Upper

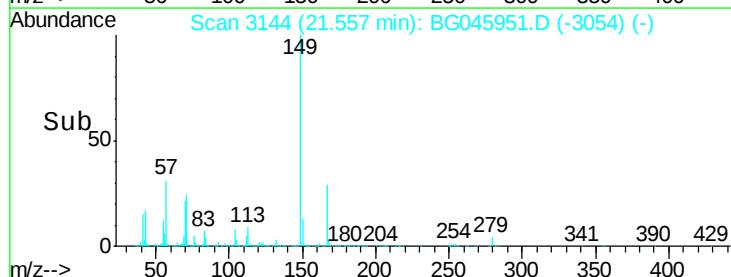
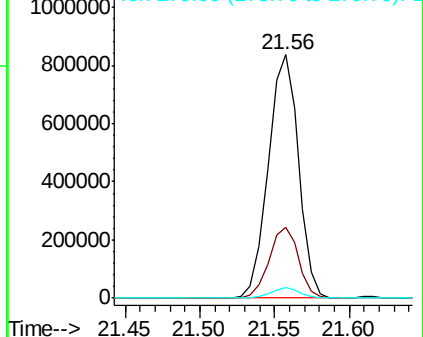
149 100

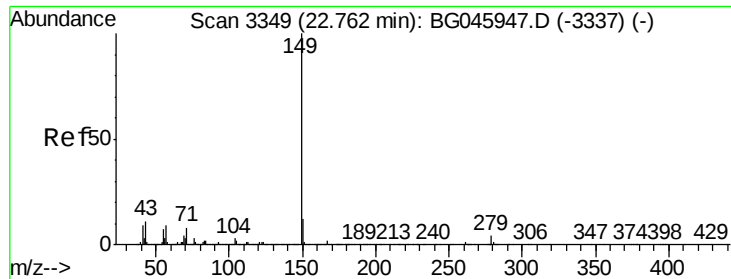
167 29.3 23.8 35.8

279 4.2 3.5 5.3



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: 39.836 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

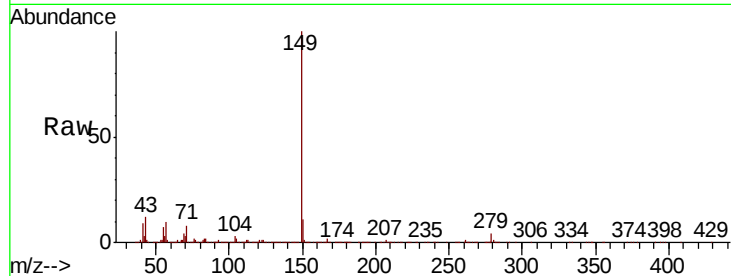
ClientSampleId :

ICVBG070620

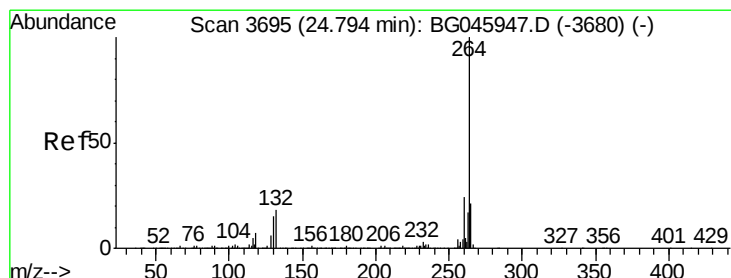
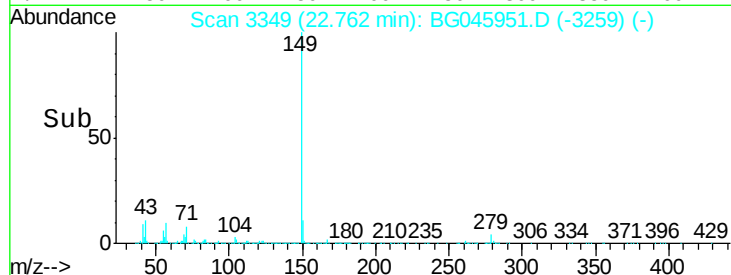
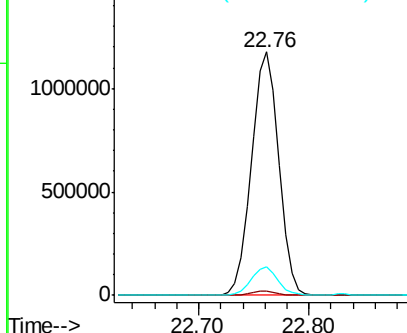
Tot Ion:	149	Resp:	2039485
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.8	8.6	12.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Perylene-d12

Concen: 20.000 ng

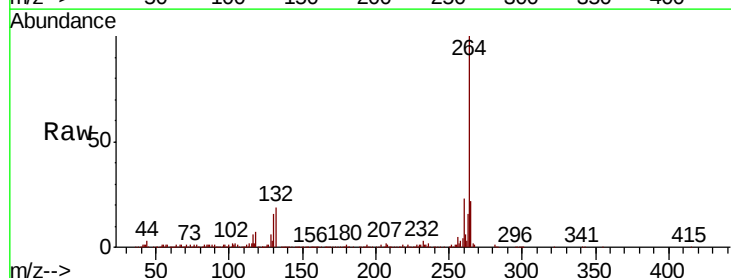
RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

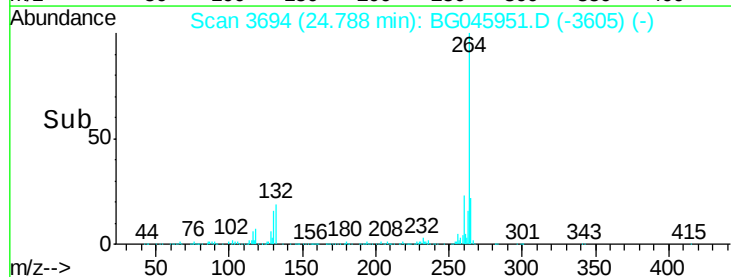
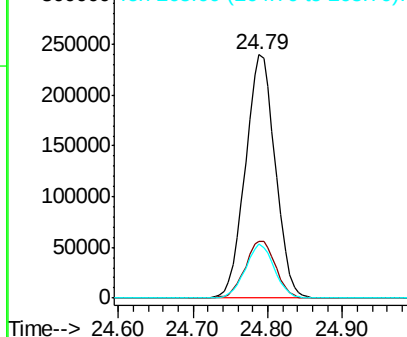
Lab File: BG045951.D

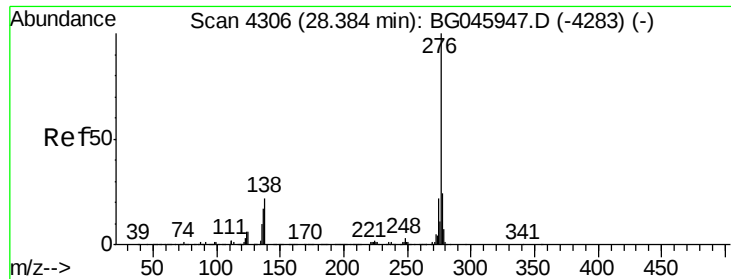
Acq: 6 Jul 2020 22:23

Tgt Ion:	264	Resp:	665136
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.2	16.9	25.3



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





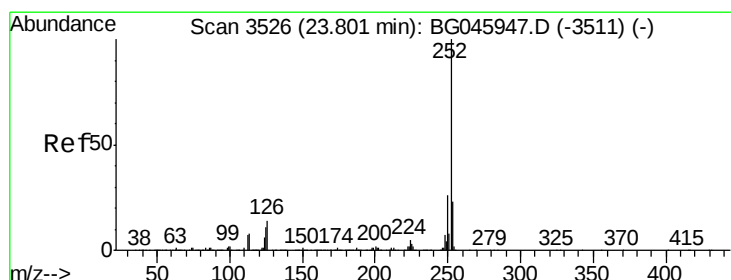
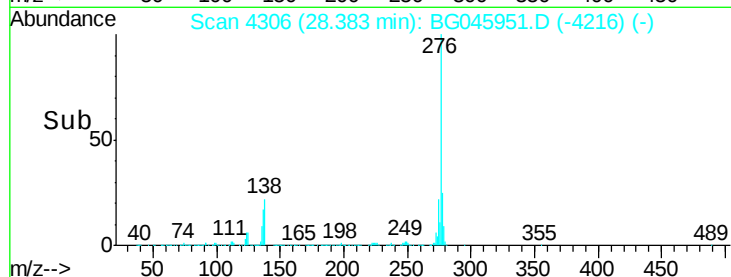
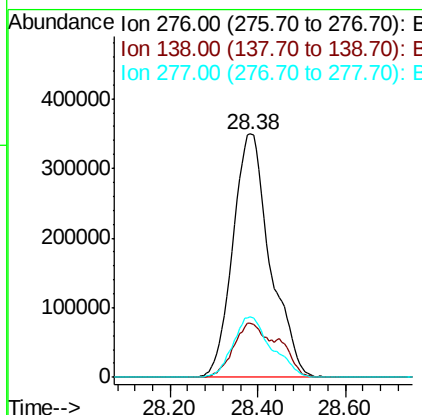
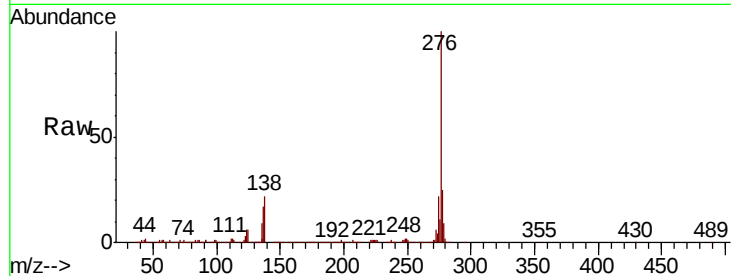
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.464 ng
RT: 28.38 min Scan# 4306
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.4	24.6
277	25.7	20.6	31.0

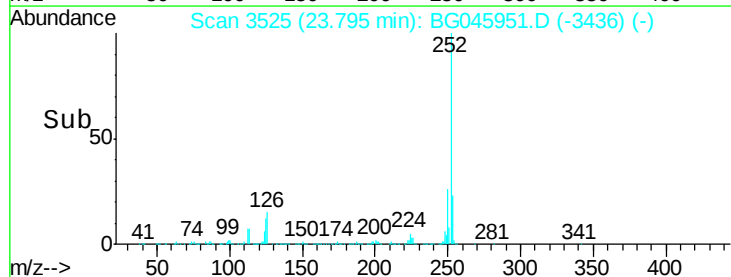
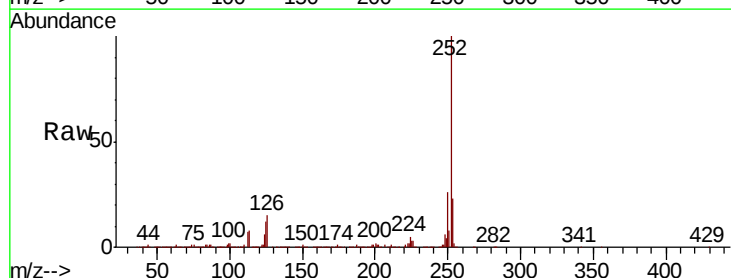
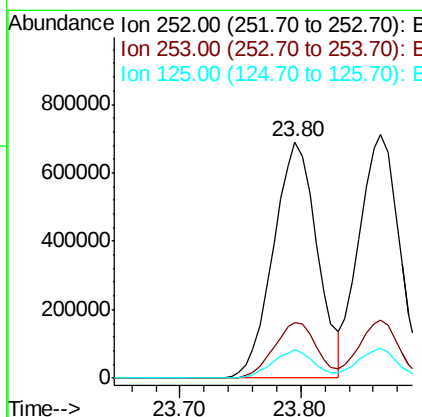
Manual Integrations
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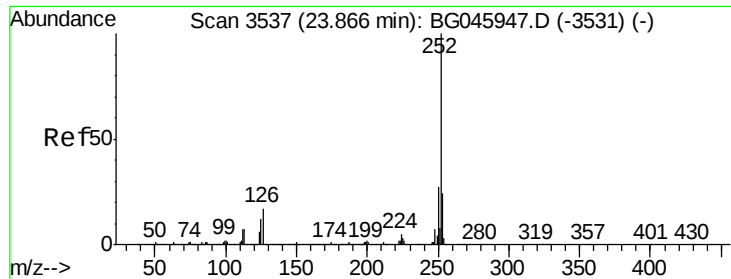
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.022 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	12.0	9.2	13.8





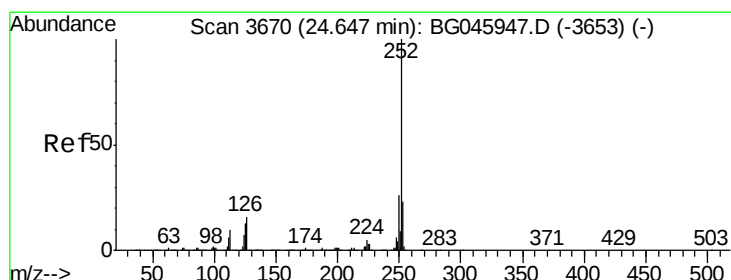
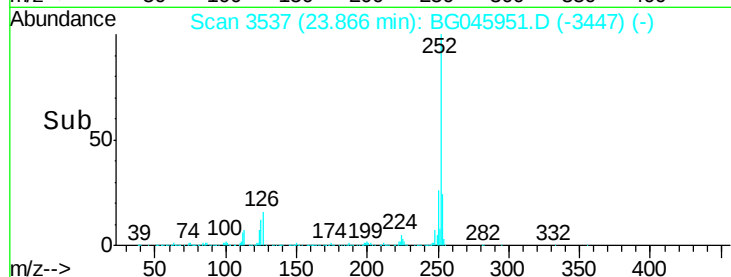
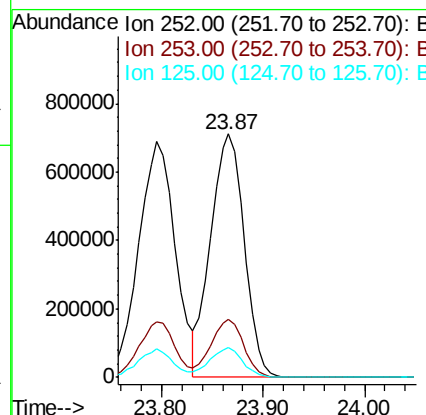
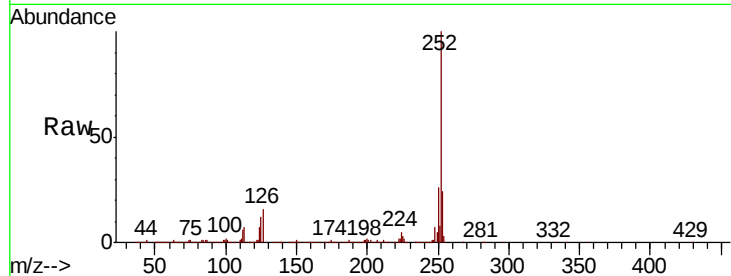
#89
Benzo(k)fluoranthene
Concen: 40.863 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	12.0	9.6	14.4

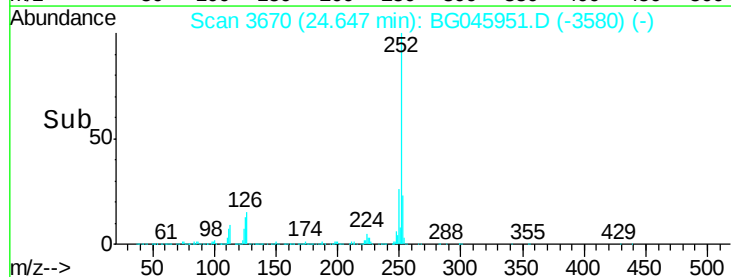
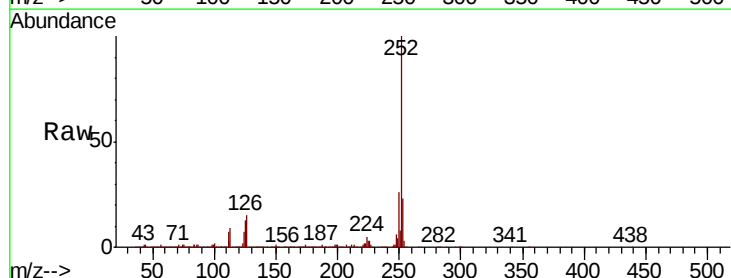
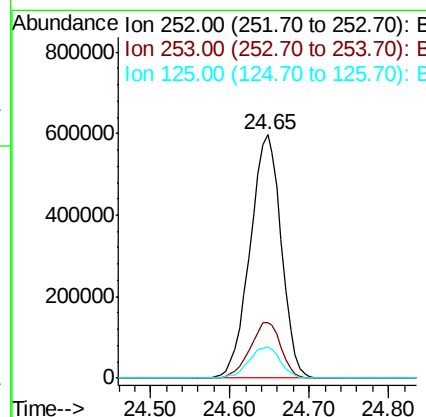
Manual Integrations
APPROVED

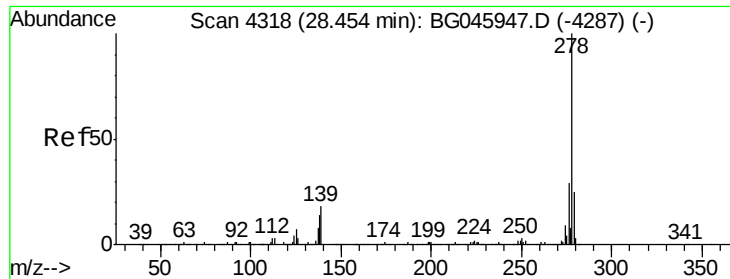
mohammad
7/7/2020 12:03:38 PM



#90
Benzo(a)pyrene
Concen: 41.089 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	12.8	10.5	15.7





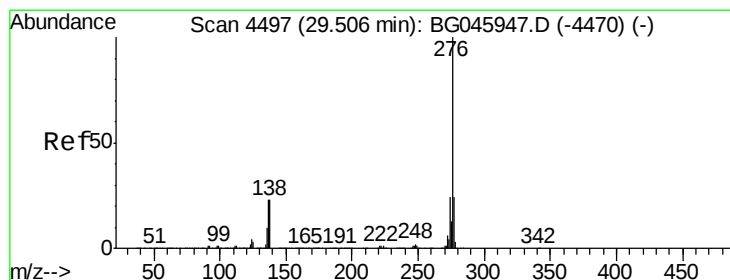
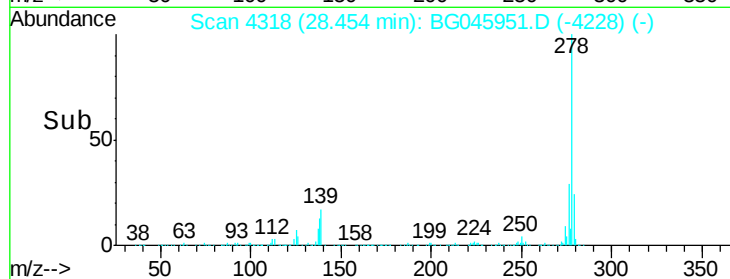
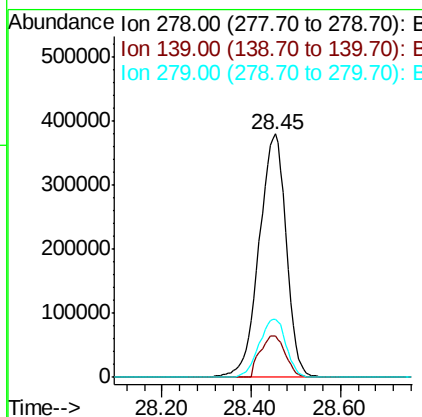
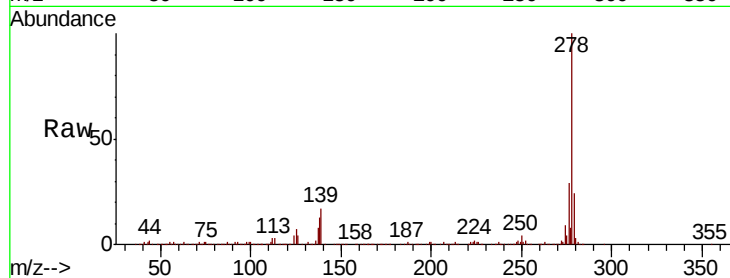
#91
Dibenzo(a,h)anthracene
Concen: 40.791 ng
RT: 28.45 min Scan# 4318
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.3	21.5
279	24.0	19.8	29.6

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 40.802 ng
RT: 29.49 min Scan# 4495
Delta R.T. -0.01 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.4	29.0
138	23.5	18.6	28.0

