

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
 Data File : BG046472.D
 Acq On : 31 Aug 2020 17:11
 Operator : CG/JU
 Sample : PB131309BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Manual Integrations
 APPROVED

mohammad
 9/1/2020 10:47:29 AM

Quant Time: Aug 31 18:08:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	69745	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	279847	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	196577	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	504112	20.00	ng	0.00
76) Chrysene-d12	21.55	240	568785	20.00	ng	0.00
86) Perylene-d12	24.66	264	556396	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	441089	112.02	ng	0.00
7) Phenol-d6	7.11	99	578284	103.59	ng	0.00
23) Nitrobenzene-d5	9.09	82	451843	92.28	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	260827	97.93	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1165130	90.48	ng	0.00
79) Terphenyl-d14	19.92	244	1825098	68.29	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	60709	37.057 ng	98
3) Pyridine	3.81	79	130874	27.304 ng	98
4) n-Nitrosodimethylamine	3.72	42	69275	39.186 ng	95
6) Aniline	7.25	93	199827	31.812 ng	98
8) 2-Chlorophenol	7.50	128	173859	41.774 ng	97
9) Benzaldehyde	7.07	77	102804	32.871 ng	94
10) Phenol	7.13	94	215804	41.973 ng	99
11) bis(2-Chloroethyl)ether	7.35	93	157221	38.043 ng	99
12) 1,3-Dichlorobenzene	7.82	146	195925	37.079 ng	99
13) 1,4-Dichlorobenzene	7.96	146	200643	37.929 ng	98
14) 1,2-Dichlorobenzene	8.29	146	187876	37.040 ng	98
15) Benzyl Alcohol	8.16	79	141528	39.490 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.46	45	230321	35.929 ng	99
17) 2-Methylphenol	8.38	107	147711	40.510 ng	97
18) Hexachloroethane	9.01	117	65912	36.748 ng	92
19) n-Nitroso-di-n-propylamine	8.73	70	124018	37.142 ng	99
20) 3+4-Methylphenols	8.70	107	201655	40.068 ng	99
22) Acetophenone	8.75	105	248494	36.479 ng	99
24) Nitrobenzene	9.13	77	179700	37.149 ng	99
25) Isophorone	9.65	82	339532	37.824 ng	97
26) 2-Nitrophenol	9.84	139	97612	38.247 ng	96
27) 2,4-Dimethylphenol	9.90	122	160668	45.771 ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	209362	36.236 ng	99
29) 2,4-Dichlorophenol	10.38	162	183669	39.250 ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	199894	36.003 ng	98
31) Naphthalene	10.78	128	517530	37.876 ng	98
32) Benzoic acid	10.04	122	59108	27.636 ng	98
33) 4-Chloroaniline	10.88	127	152665	25.338 ng	97
34) Hexachlorobutadiene	11.07	225	124408	34.517 ng	99
35) Caprolactam	11.64	113	62494m	35.728 ng	
36) 4-Chloro-3-methylphenol	12.01	107	176559	38.577 ng	97
37) 2-Methylnaphthalene	12.39	142	407147	37.781 ng	99
38) 1-Methylnaphthalene	12.61	142	387746	37.986 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	240662	37.126 ng	99

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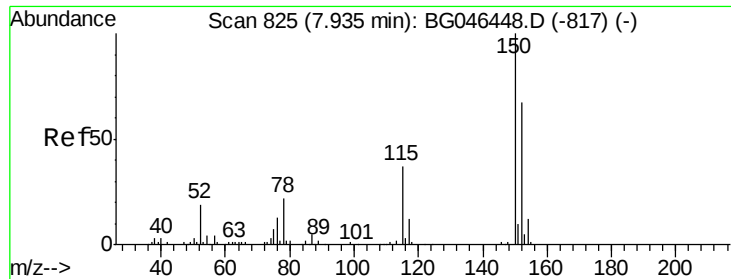
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Quant Time: Aug 31 18:08:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	265533	94.204	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	162663	37.184	nq	99
44) 2,4,5-Trichlorophenol	13.07	196	175628	38.212	nq	99
46) 1,1'-Biphenyl	13.39	154	525219	38.402	nq	99
47) 2-Chloronaphthalene	13.43	162	412024	35.532	nq	100
48) 2-Nitroaniline	13.63	65	114352	35.514	nq	100
49) Acenaphthylene	14.28	152	674831	38.364	nq	99
50) Dimethylphthalate	14.02	163	534332	35.135	nq	100
51) 2,6-Dinitrotoluene	14.13	165	123474	36.832	nq	99
52) Acenaphthene	14.63	154	401157	36.802	nq	99
53) 3-Nitroaniline	14.46	138	95927	26.416	nq	97
54) 2,4-Dinitrophenol	14.67	184	144074	73.626	nq	98
55) Dibenzofuran	14.96	168	650930	37.211	nq	99
56) 4-Nitrophenol	14.78	139	219776	82.236	nq	97
57) 2,4-Dinitrotoluene	14.92	165	179761	37.606	nq	98
58) Fluorene	15.61	166	541092	36.854	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	170578	38.219	nq	99
60) Diethylphthalate	15.38	149	528950	35.673	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	288454	35.673	nq	97
62) 4-Nitroaniline	15.63	138	136036	35.504	nq	98
63) Azobenzene	15.90	77	443021	36.730	nq	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	113985	39.948	nq	100
66) n-Nitrosodiphenylamine	15.81	169	497099	36.552	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	205827	34.997	nq	96
68) Hexachlorobenzene	16.62	284	223830	34.364	nq	99
69) Atrazine	16.77	200	188511	33.978	nq	99
70) Pentachlorophenol	16.96	266	274332	80.611	nq	99
71) Phenanthrene	17.35	178	933309	36.526	nq	98
72) Anthracene	17.44	178	963518	38.219	nq	99
73) Carbazole	17.71	167	920864	38.688	nq	99
74) Di-n-butylphthalate	18.27	149	1012348	36.987	nq	99
75) Fluoranthene	19.36	202	1282643	39.007	nq	100
77) Benzidine	19.53	184	543227	41.101	nq	98
78) Pyrene	19.72	202	1299075	35.867	nq	99
80) Butylbenzylphthalate	20.61	149	501437	35.493	nq	97
81) Benzo(a)anthracene	21.54	228	1272595	35.896	nq	99
82) 3,3'-Dichlorobenzidine	21.45	252	363503	27.629	nq	99
83) Chrysene	21.60	228	1221878	35.830	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	697516	36.179	nq	99
85) Di-n-octyl phthalate	22.63	149	1210766	36.676	nq	99
87) Indeno(1,2,3-cd)pyrene	28.17	276	1525142	38.165	nq	100
88) Benzo(b)fluoranthene	23.68	252	1327766	38.218	nq	97
89) Benzo(k)fluoranthene	23.74	252	1259199	37.502	nq	99
90) Benzo(a)pyrene	24.51	252	1215794	37.499	nq	100
91) Dibenzo(a,h)anthracene	28.23	278	1256107	38.952	nq	98
92) Benzo(g,h,i)perylene	29.27	276	1292586	40.140	nq	98

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



#1

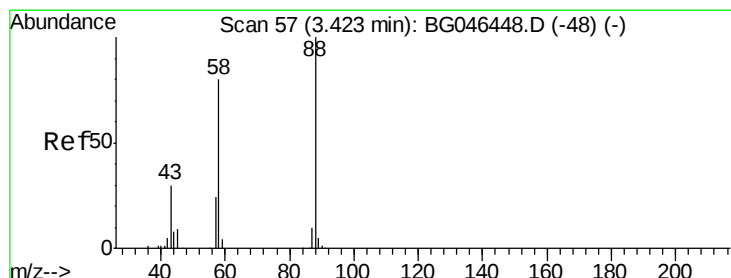
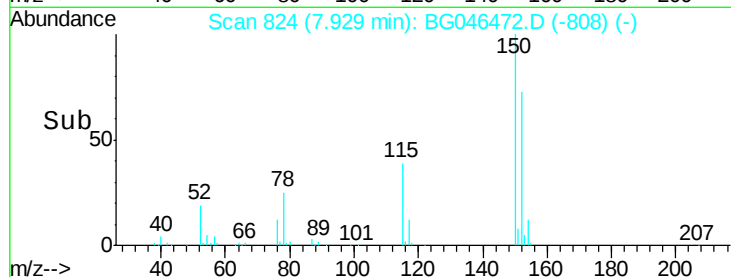
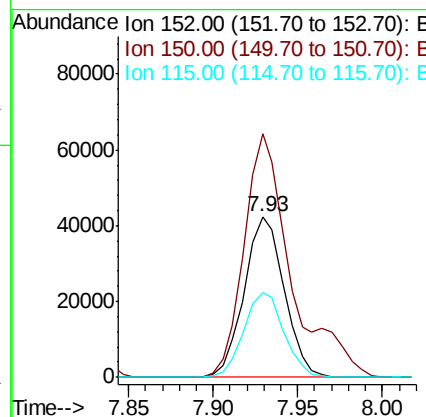
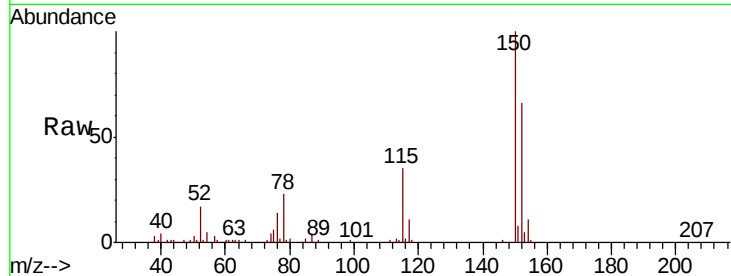
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	119.5	179.3
115	52.9	44.3	66.5

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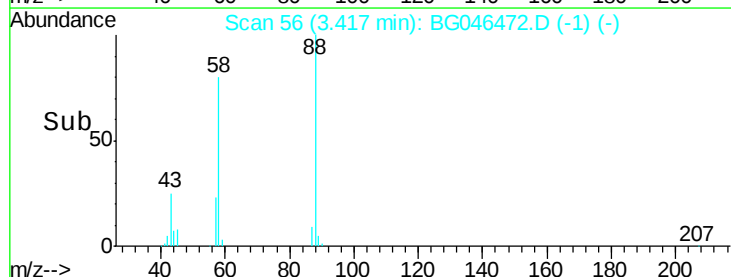
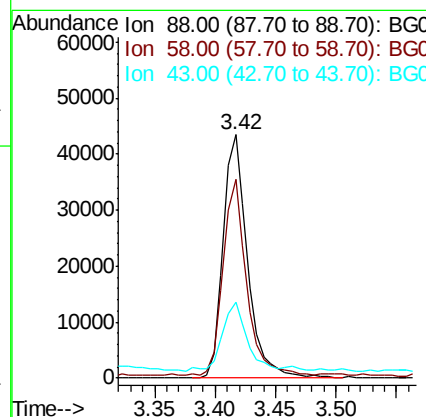
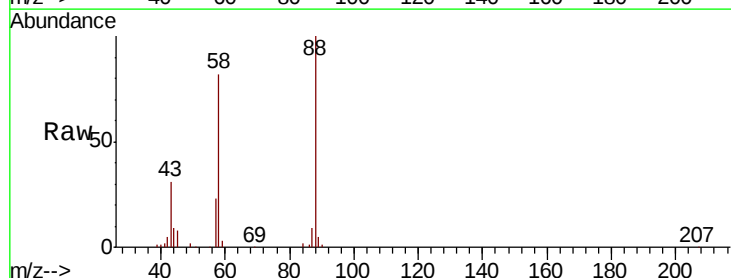
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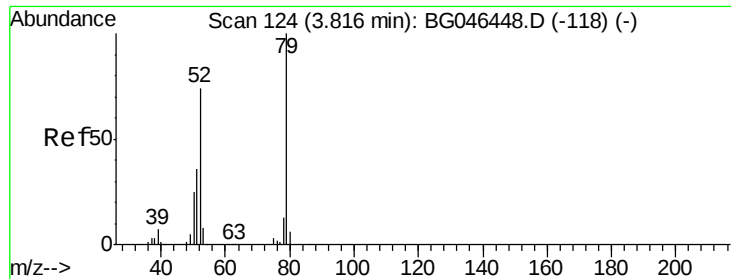


#2

1,4-Dioxane
Concen: 37.057 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	61.4	92.2
43	29.2	21.6	32.4





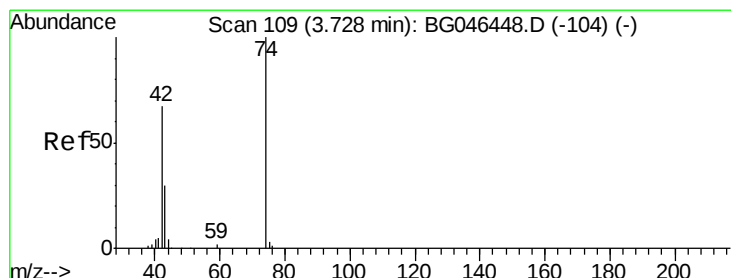
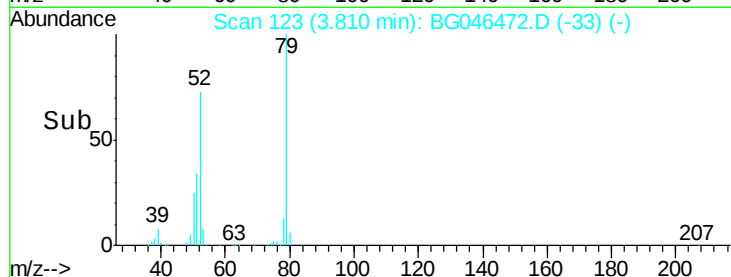
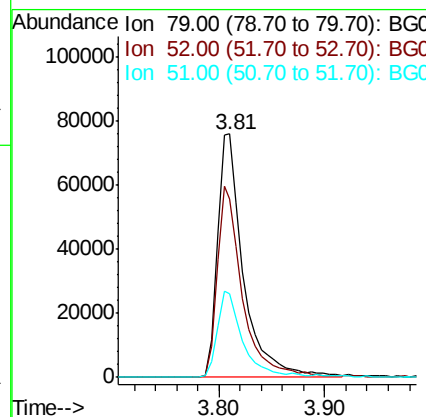
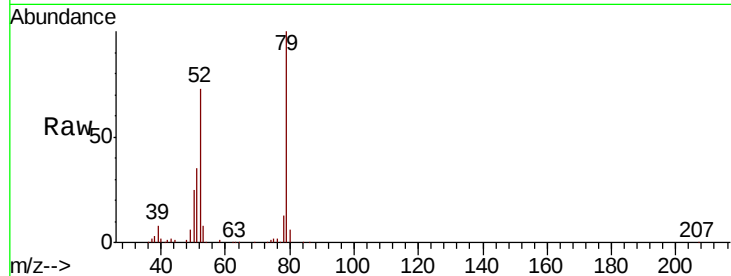
#3
 Pvridine
 Concen: 27.304 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.0	59.1	88.7
51	34.6	29.0	43.6

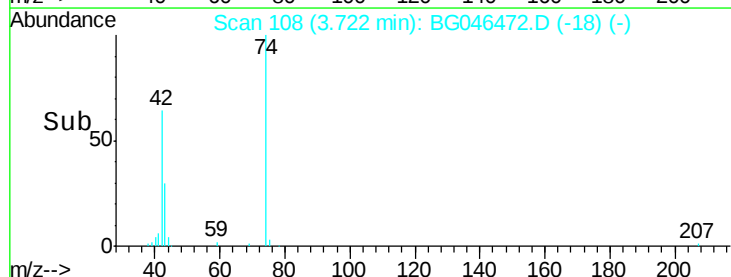
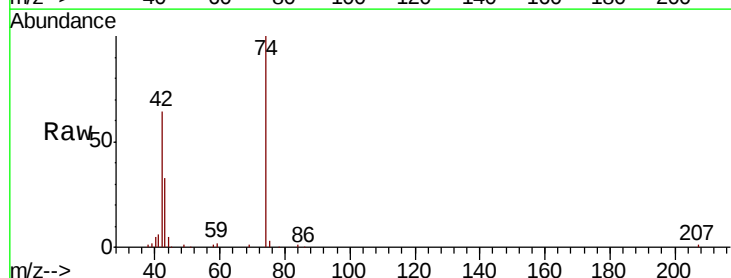
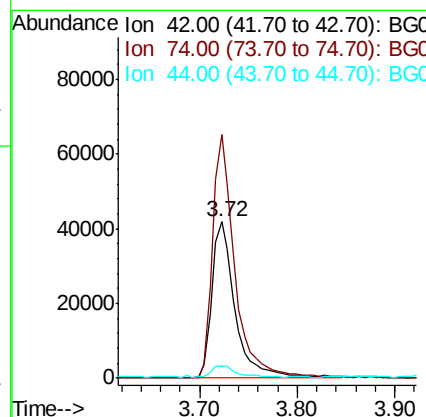
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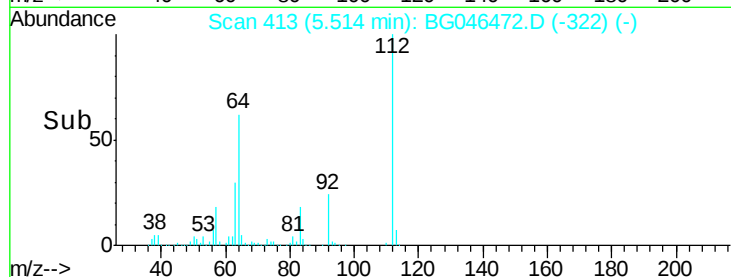
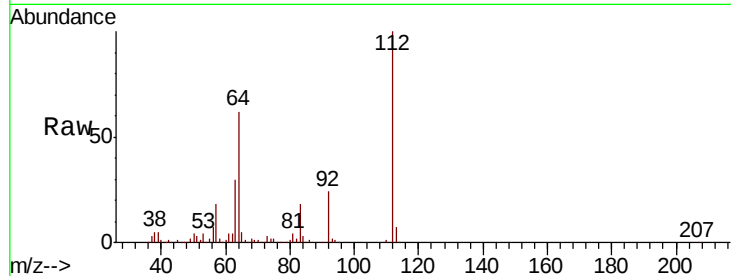
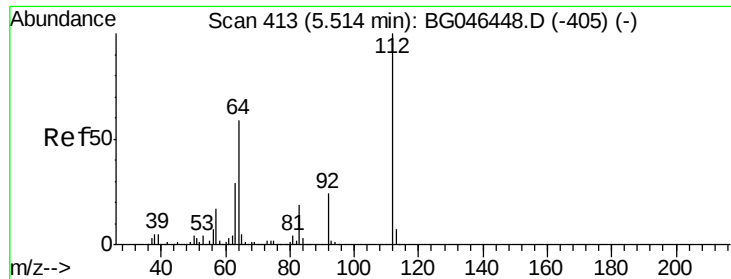
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#4
 n-Nitrosodimethylamine
 Concen: 39.186 ng
 RT: 3.72 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.8	119.5	179.3
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 112.015 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		441089		
64	61.5	47.0	70.6		
63	30.3	23.5	35.3		

Instrument :

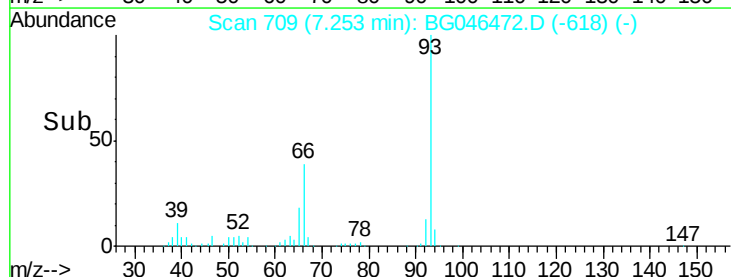
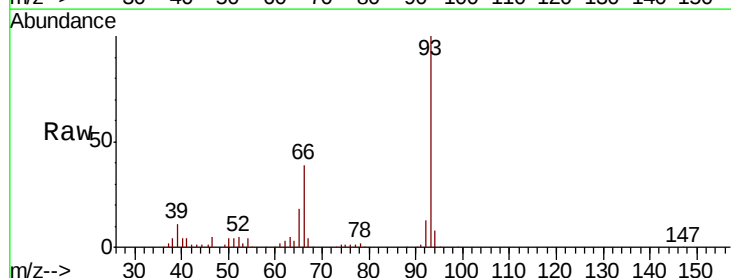
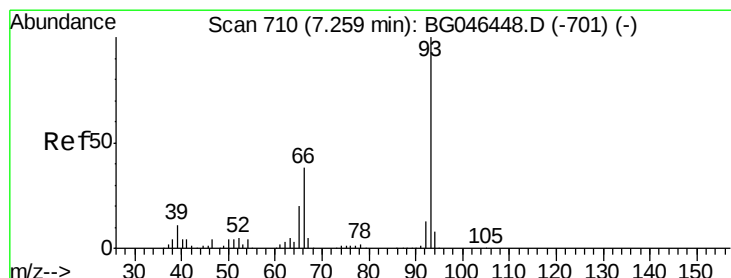
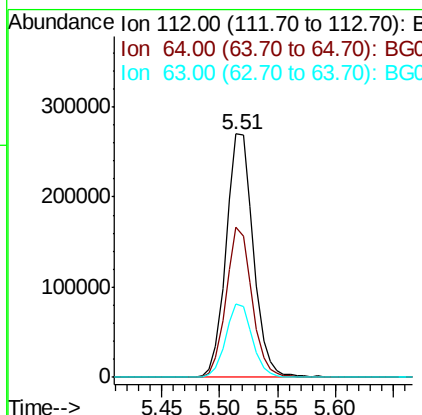
BNA_G

ClientSampleId :

PB131309BS

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#6

Aniline

Concen: 31.812 ng

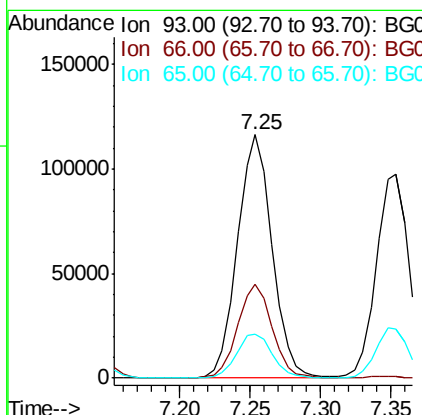
RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		199827		
66	38.7	30.4	45.6		
65	18.2	15.8	23.6		





#7

Phenol-d6

Concen: 103.595 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

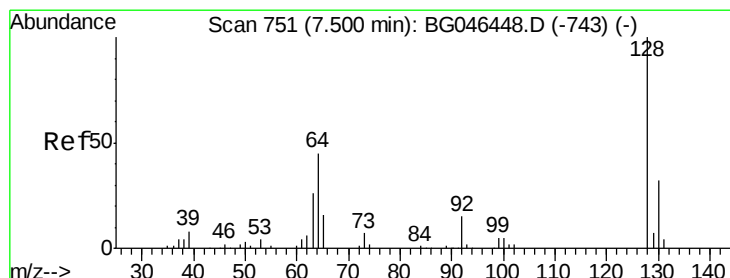
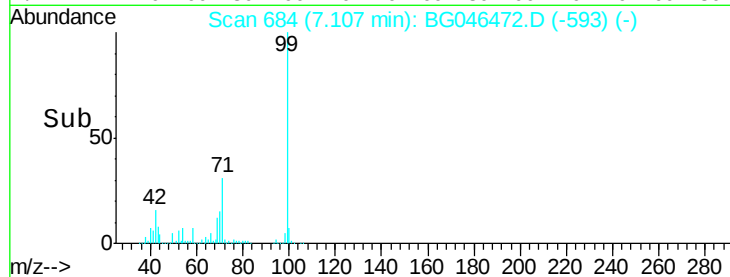
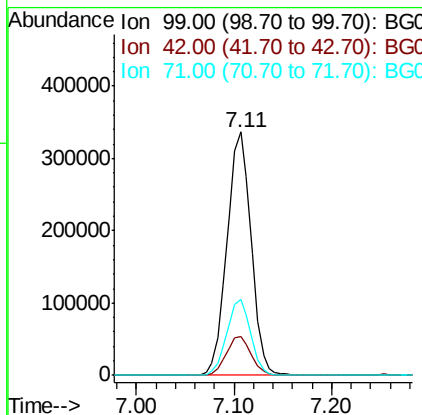
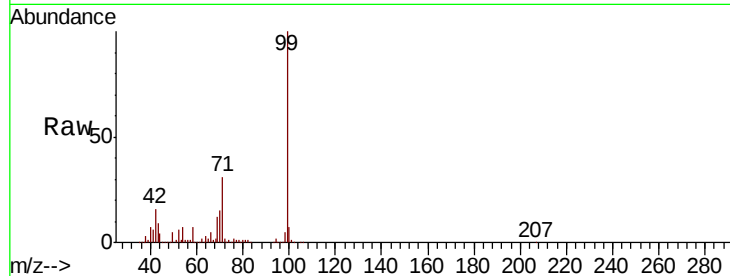
ClientSampleId :

PB131309BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		578284		
42	15.8	13.3	19.9		
71	31.0	25.3	37.9		

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#8

2-Chlorophenol

Concen: 41.774 ng

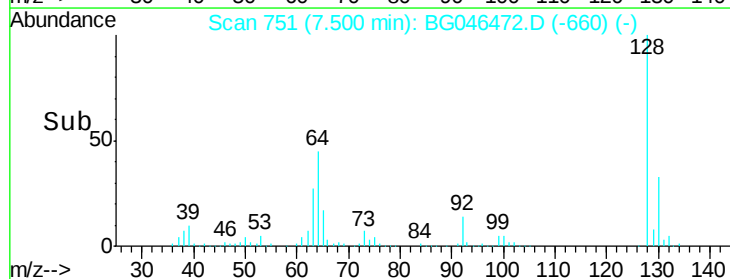
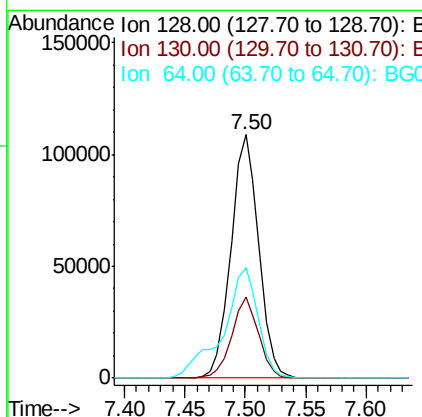
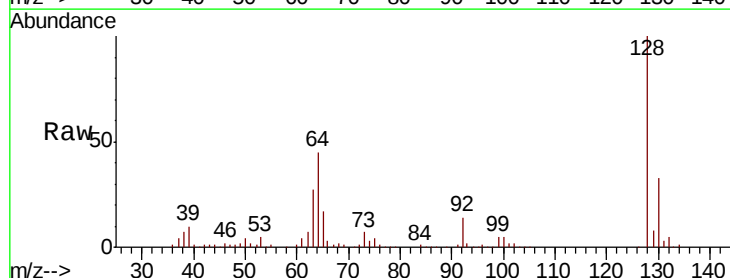
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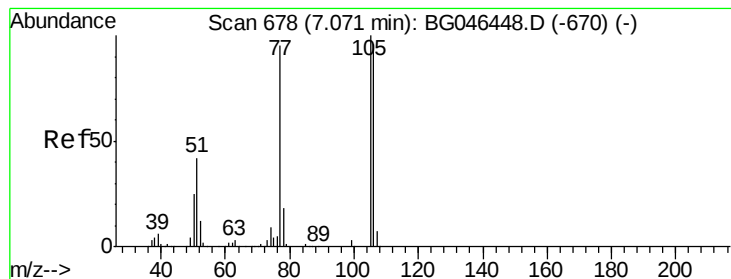
Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		173859		
130	33.3	12.4	52.4		
64	45.2	28.1	68.1		





#9

Benzaldehyde

Concen: 32.871 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

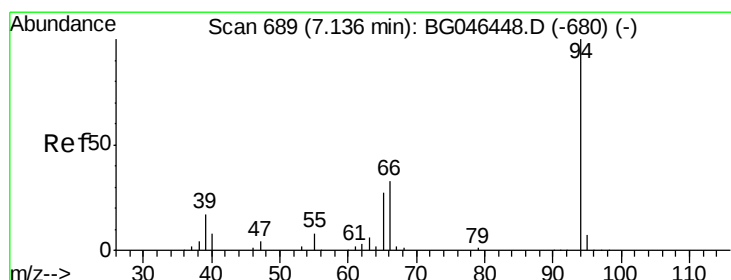
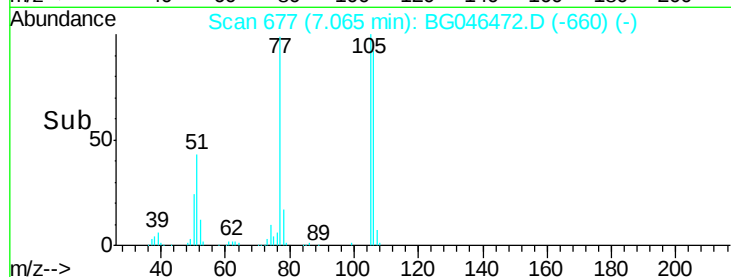
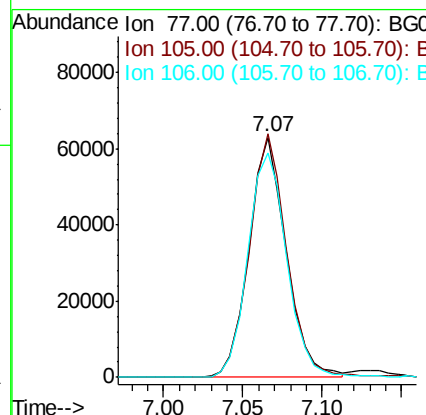
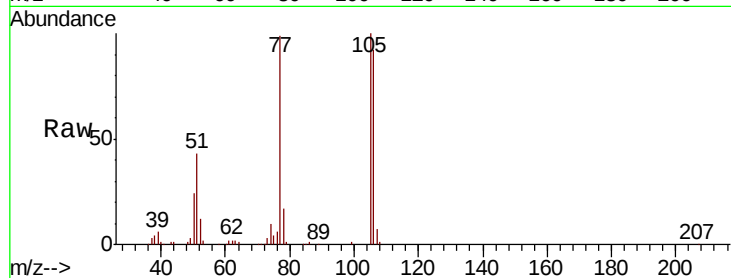
ClientSampleId :

PB131309BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.4	85.6	125.6
106	93.5	80.8	120.8

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#10

Phenol

Concen: 41.973 ng

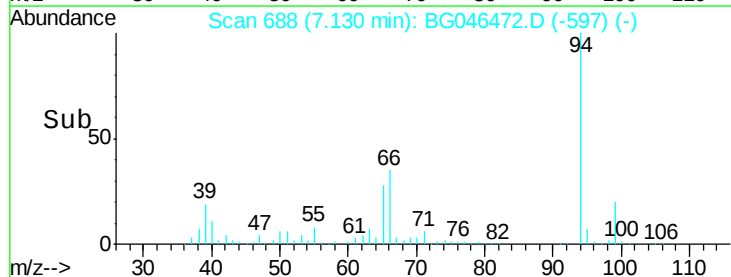
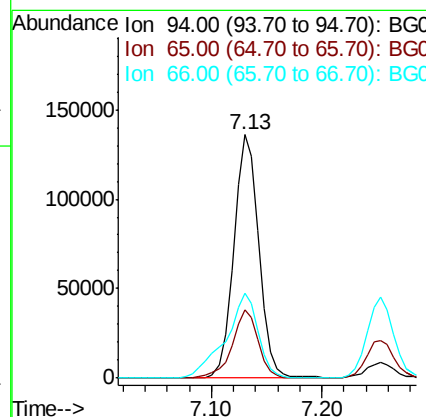
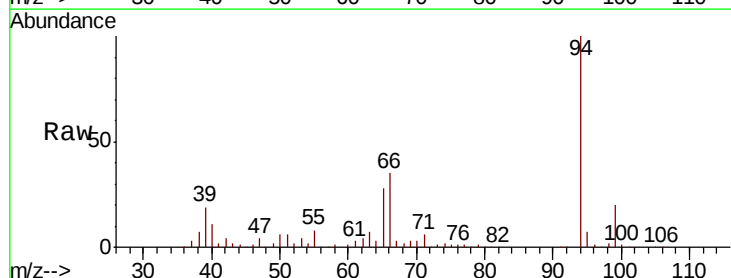
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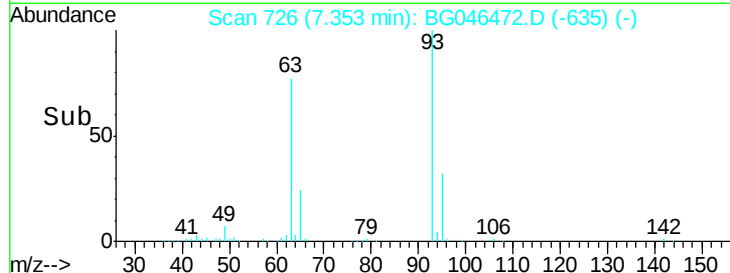
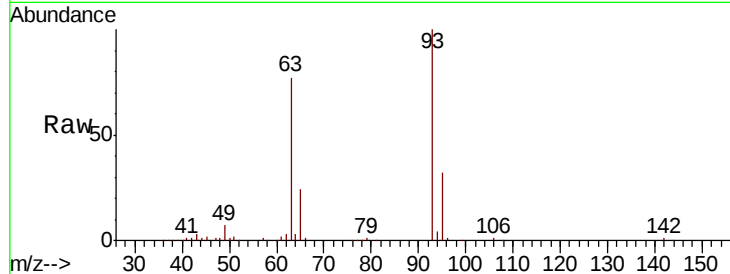
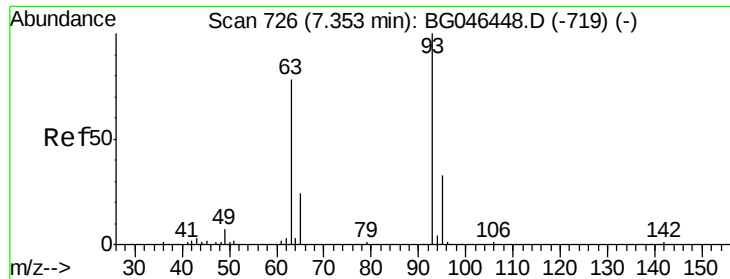
Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.5	47.5
66	34.8	14.1	54.1





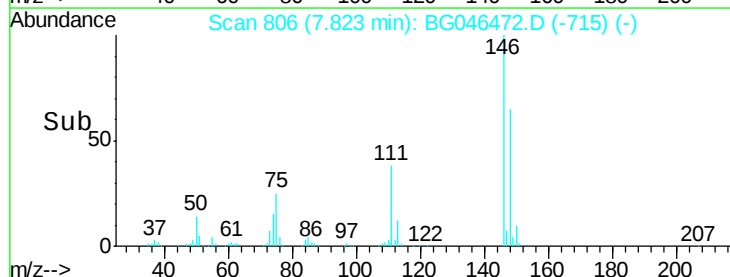
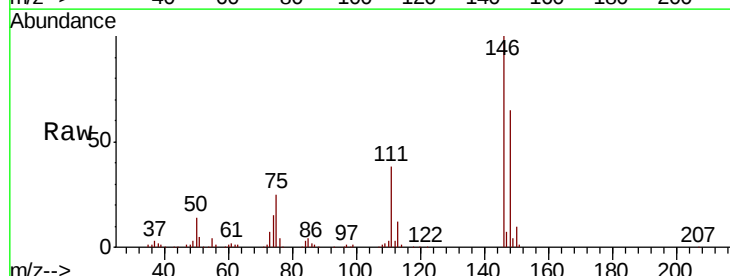
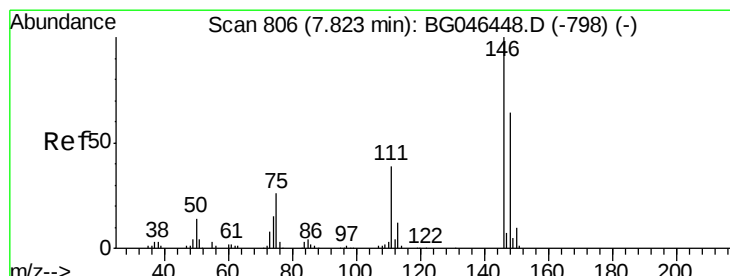
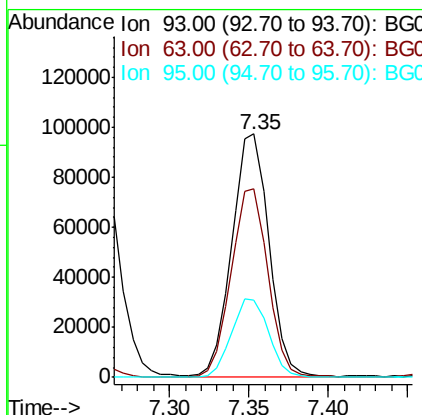
#11
bis(2-Chloroethyl)ether
Concen: 38.043 ng
RT: 7.35 min Scan# 726
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tot Ion:	93	Resp:	157221
Ion	Ratio	Lower	Upper
93	100		
63	77.3	57.7	97.7
95	31.5	12.3	52.3

Instrument :
BNA_G
ClientSampleId :
PB131309BS

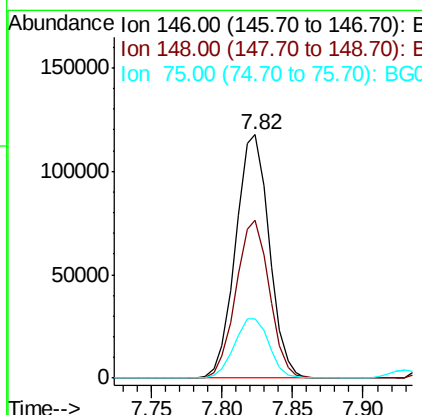
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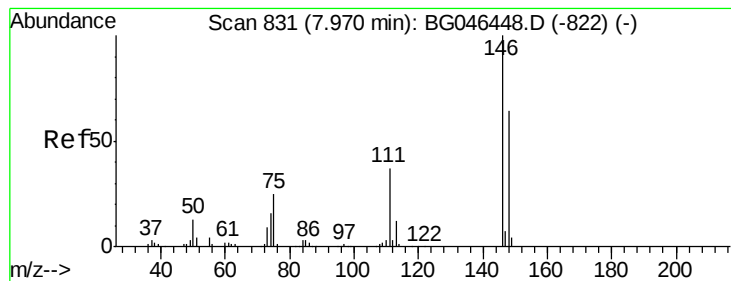
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.079 ng
RT: 7.82 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion:	146	Resp:	195925
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
75	24.5	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 37.929 ng

RT: 7.96 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

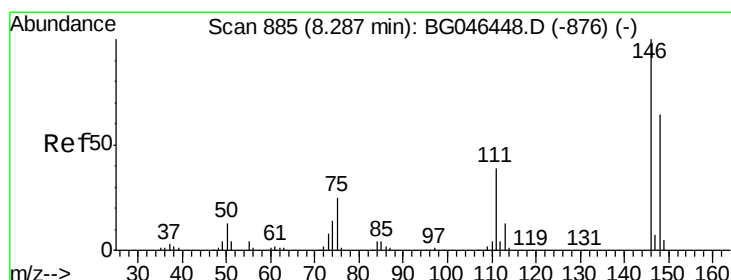
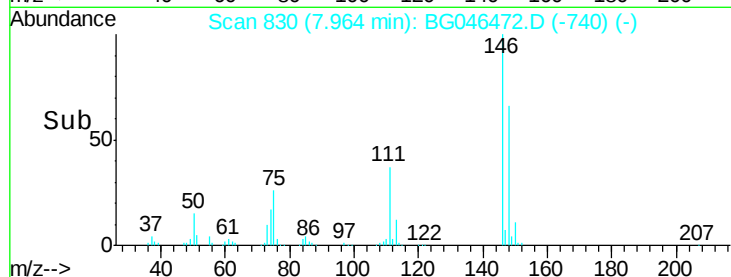
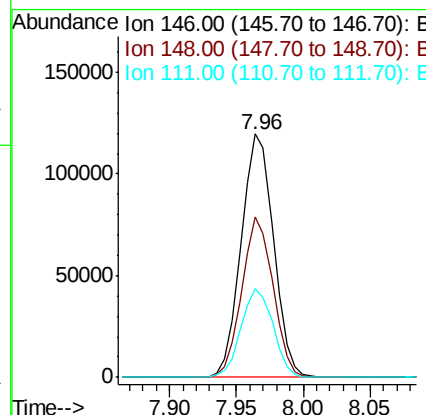
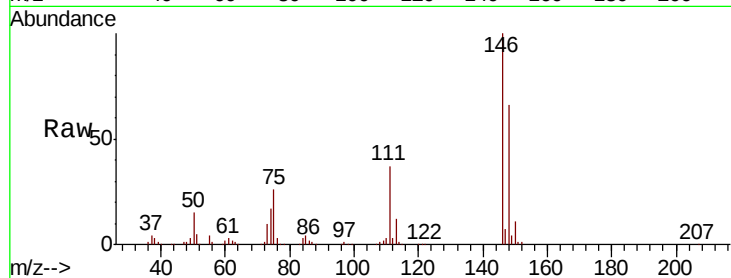
ClientSampleId :

PB131309BS

Tot Ion:	146	Resp:	200643
Ion Ratio	Lower	Upper	
146	100		
148	65.8	50.9	76.3
111	36.7	29.8	44.6

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#14

1,2-Dichlorobenzene

Concen: 37.040 ng

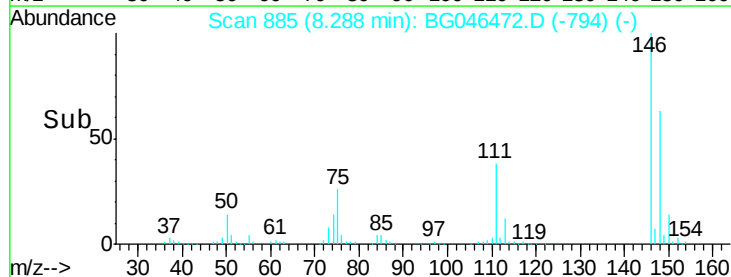
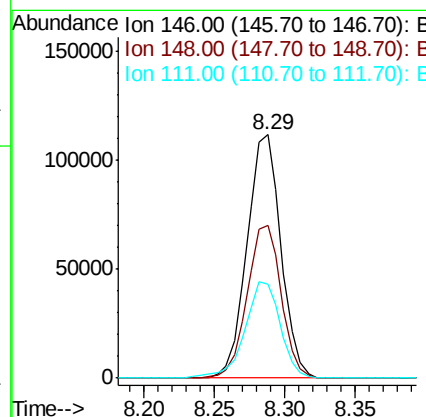
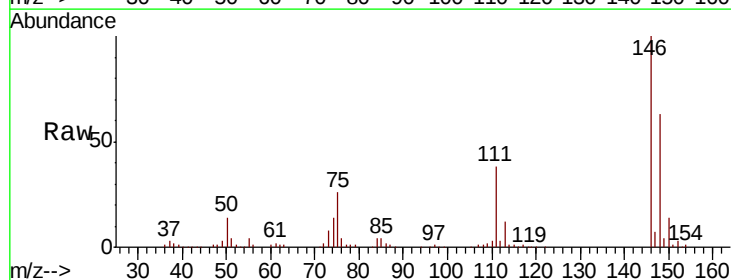
RT: 8.29 min Scan# 885

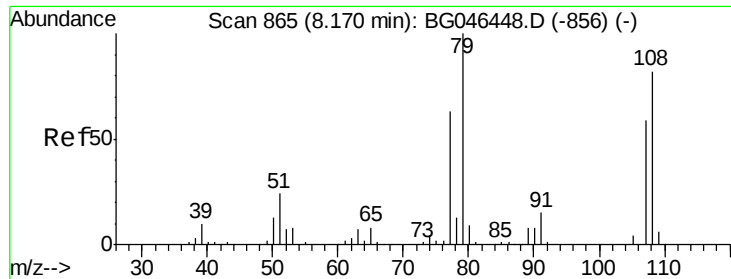
Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion:	146	Resp:	187876
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.4	77.0
111	38.4	31.4	47.2





#15

Benzyl Alcohol

Concen: 39.490 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

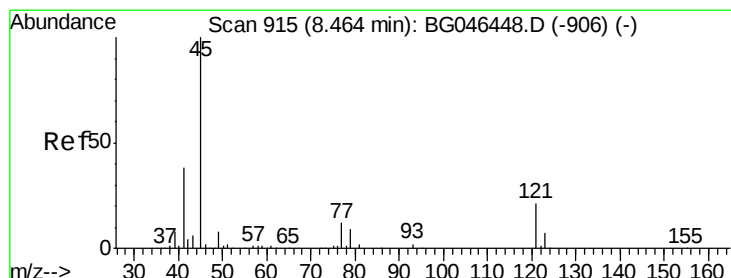
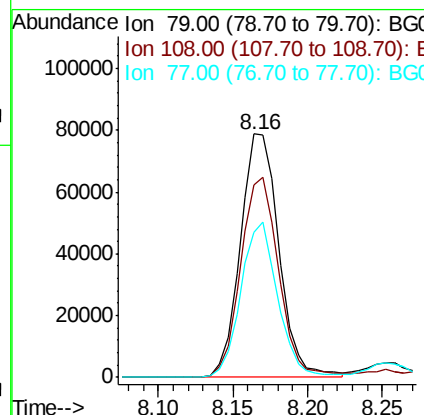
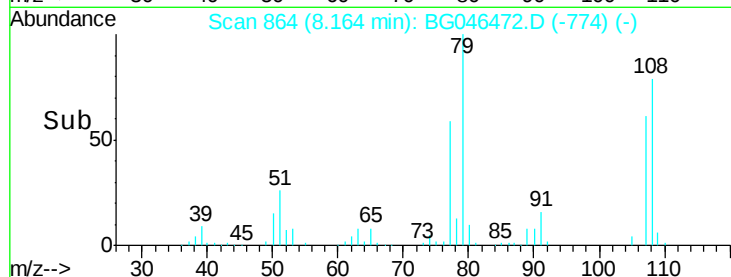
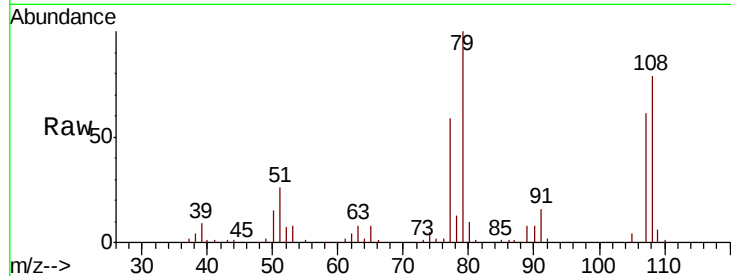
ClientSampleID :

PB131309BS

Tot Ion:	79	Resp:	141528
Ion	Ratio	Lower	Upper
79	100		
108	79.1	65.7	98.5
77	59.3	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.929 ng

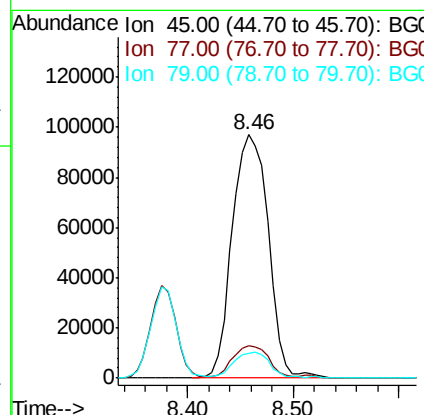
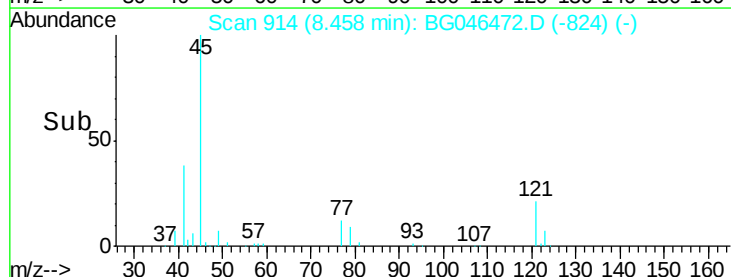
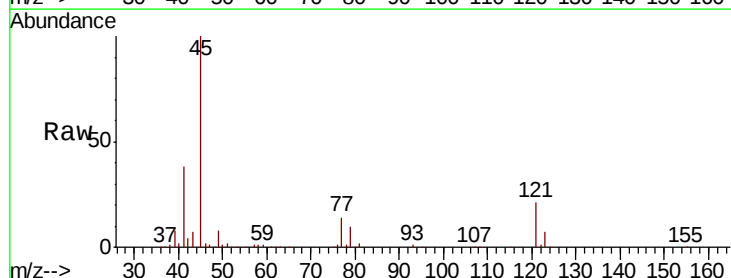
RT: 8.46 min Scan# 914

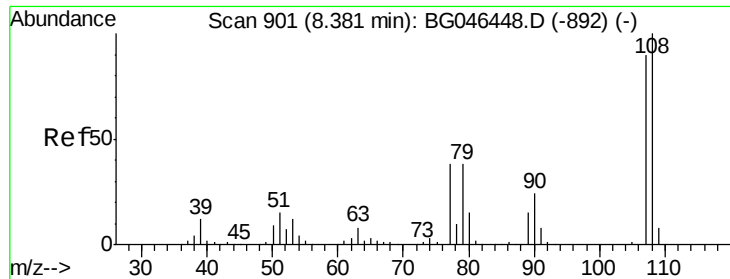
Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion:	45	Resp:	230321
Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.2
79	10.1	0.0	30.3





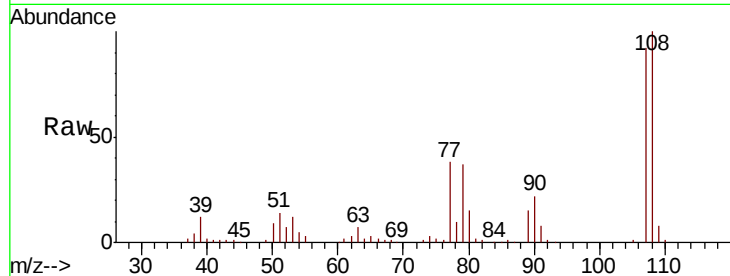
#17
2-Methylphenol
Concen: 40.510 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

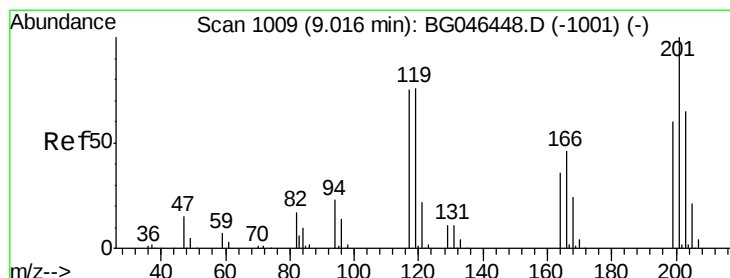
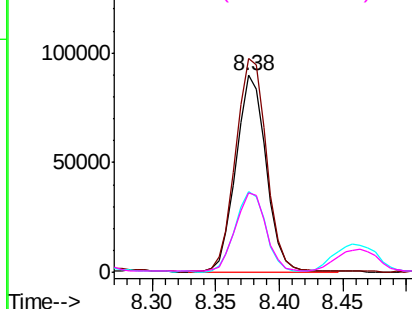
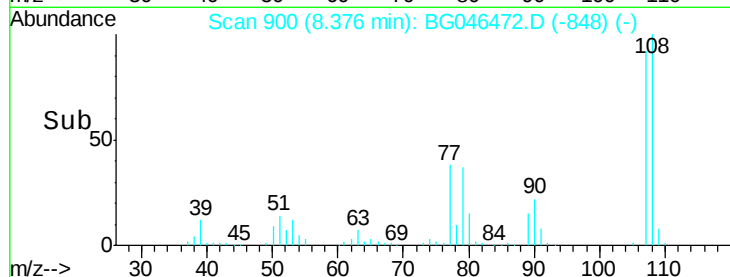
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	89.4	134.0	
77	41.3	34.5	51.7	
79	40.4	33.8	50.6	

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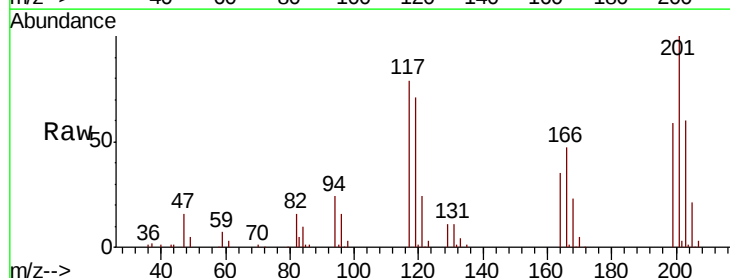


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

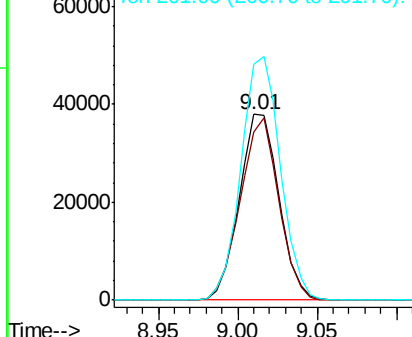
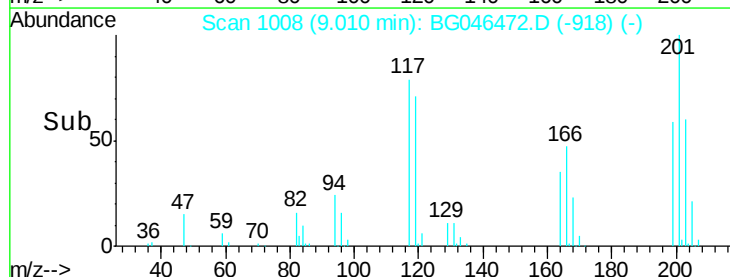


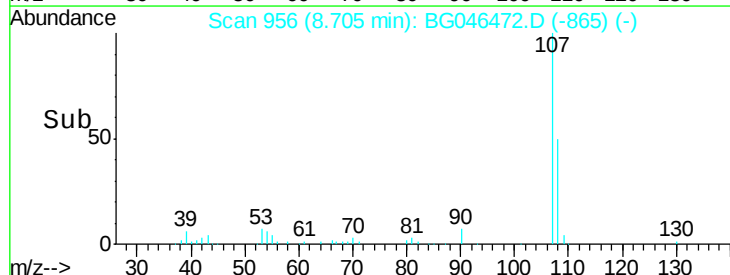
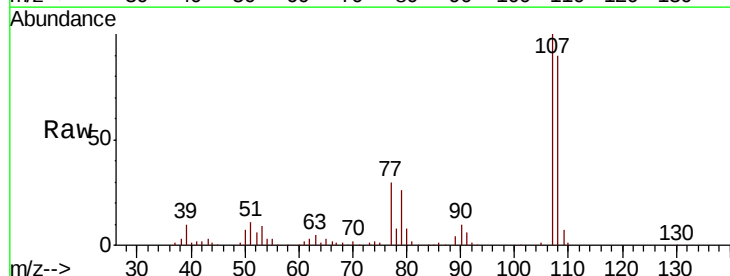
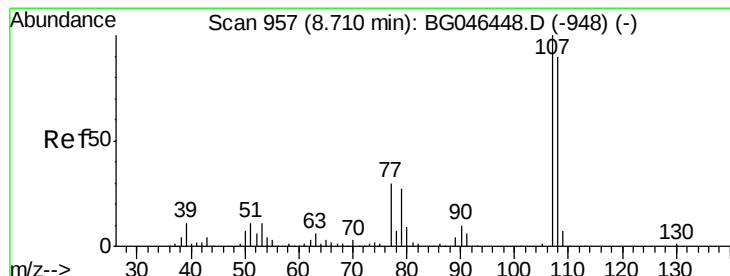
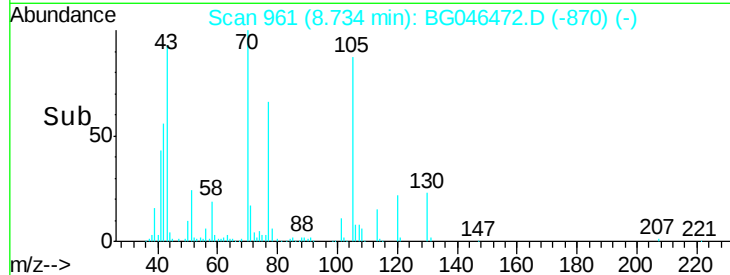
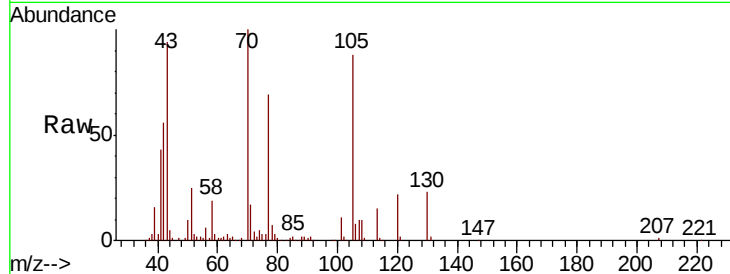
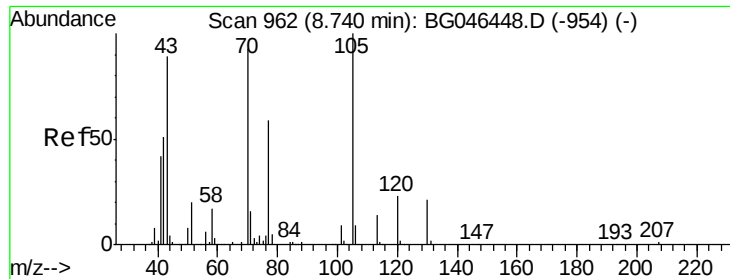
#18
Hexachloroethane
Concen: 36.748 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.5	80.8	121.2	
201	127.1	106.7	160.1	



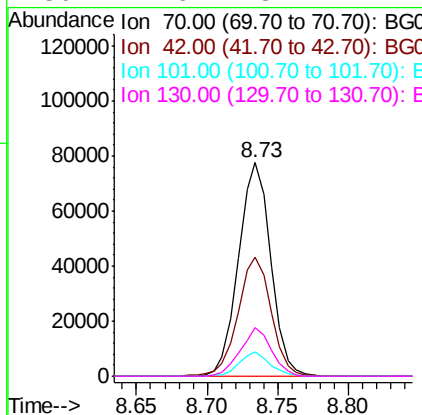
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 37.142 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.0	44.2	66.2		
101	11.1	7.8	11.8		
130	22.6	18.2	27.4		



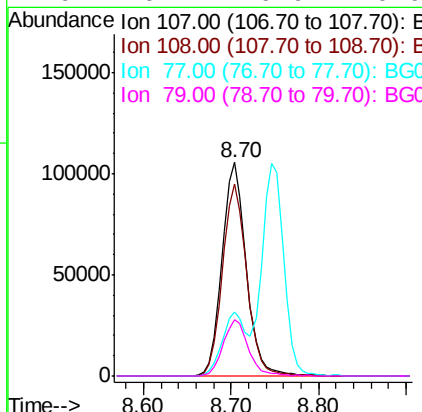
Instrument :
BNA_G
ClientSampleId :
PB131309BS

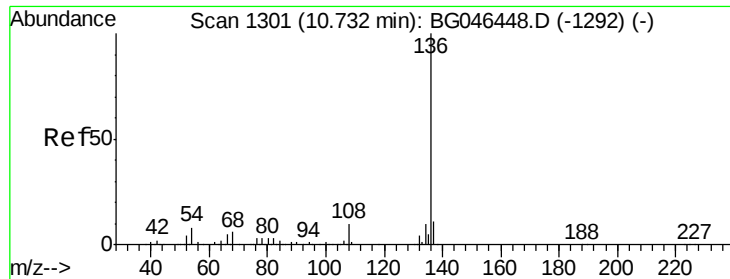
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#20
3+4-Methylphenols
Concen: 40.068 ng
RT: 8.70 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.0	69.7	109.7		
77	30.1	9.7	49.7		
79	26.4	6.9	46.9		





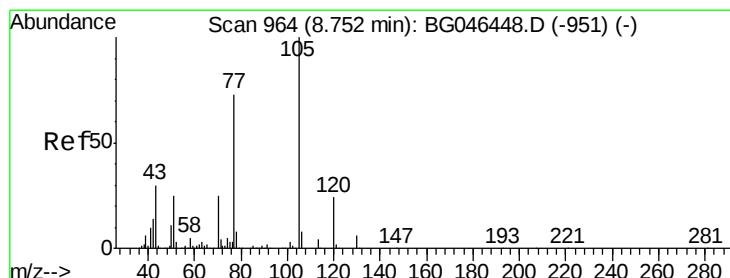
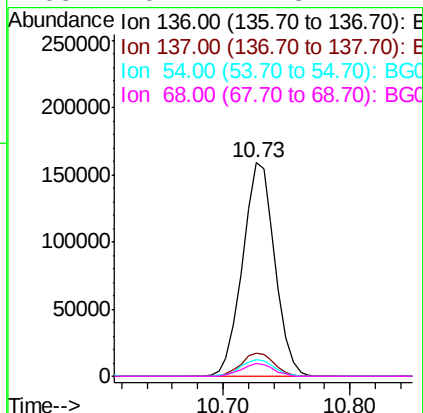
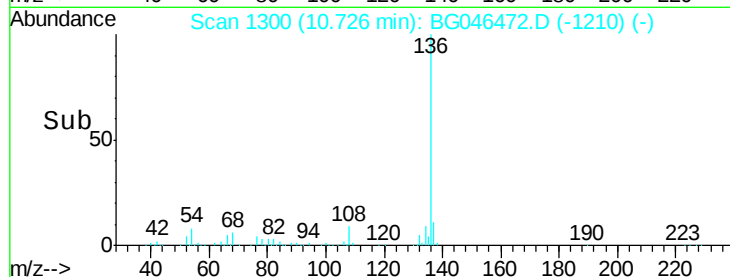
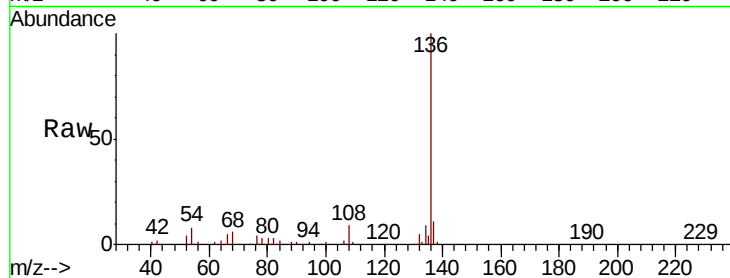
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		279847		
137	11.0	8.8	13.2		
54	7.6	6.1	9.1		
68	6.1	4.8	7.2		

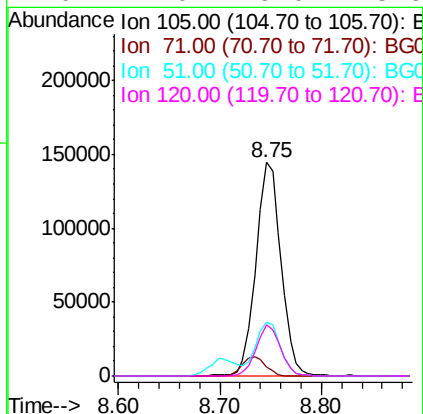
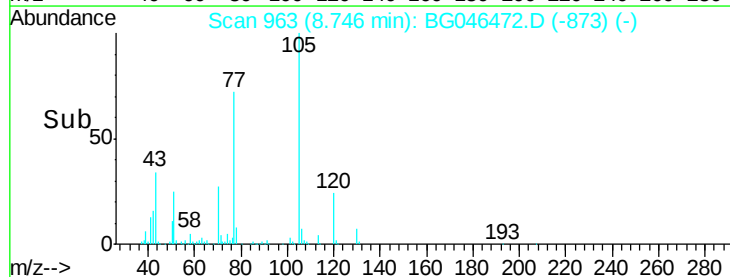
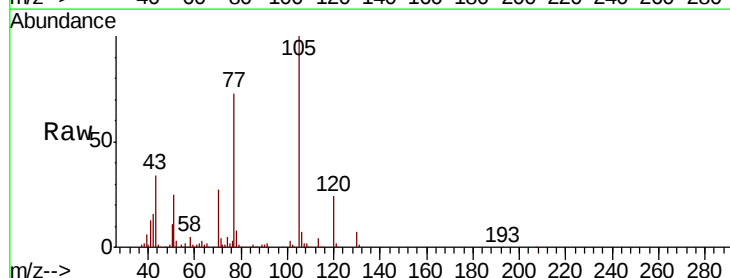
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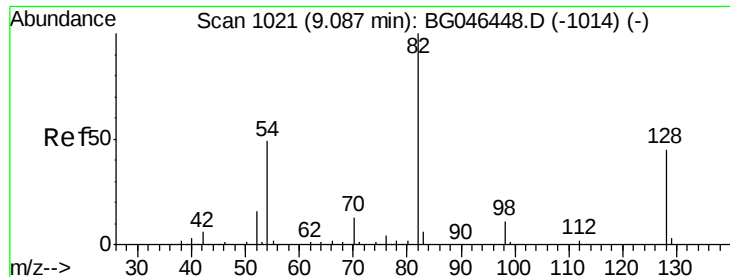
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#22
Acetophenone
Concen: 36.479 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		248494		
71	4.4	3.3	4.9		
51	25.0	20.6	31.0		
120	24.0	19.0	28.6		





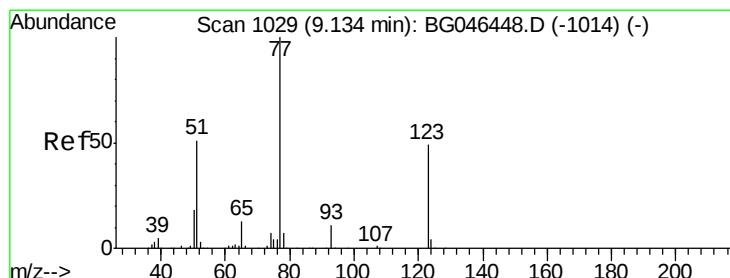
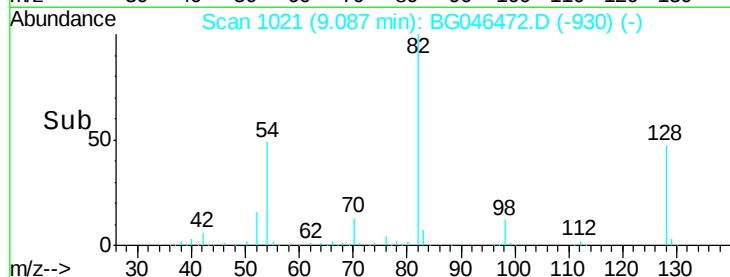
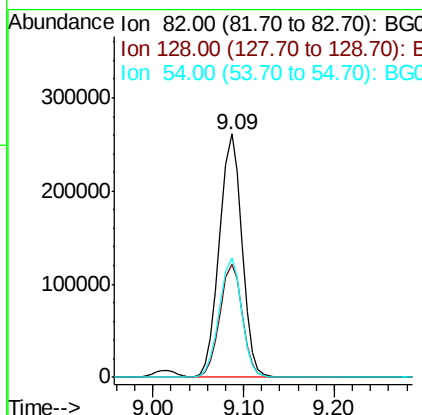
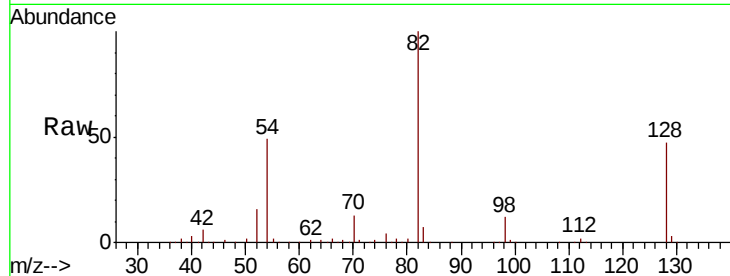
#23
Nitrobenzene-d5
Concen: 92.283 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	82	Resp	451843
Ion Ratio	100	Lower	Upper
128	46.6	35.7	53.5
54	49.0	39.4	59.0

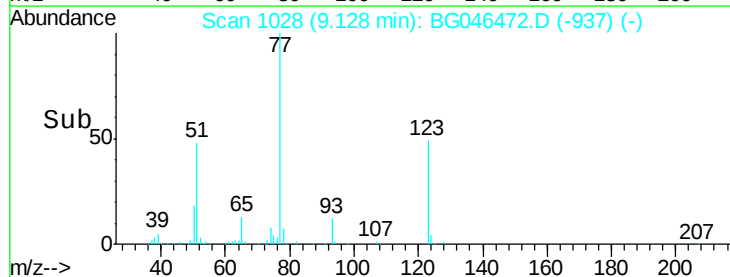
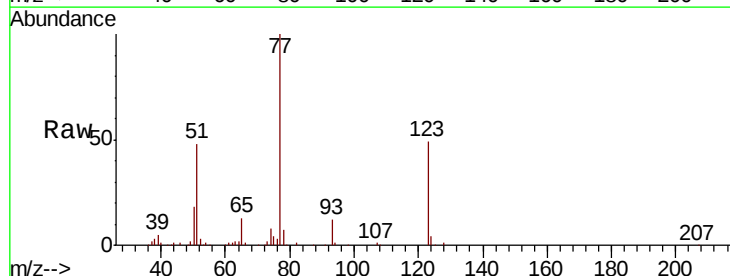
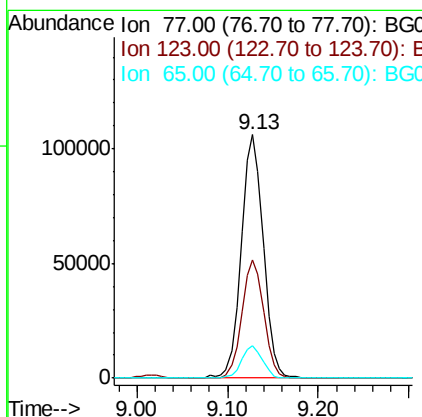
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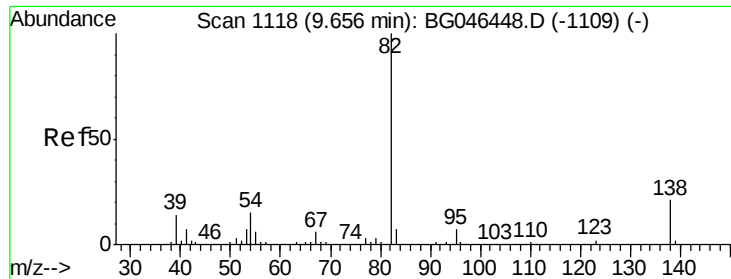
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#24
Nitrobenzene
Concen: 37.149 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	77	Resp	179700
Ion Ratio	100	Lower	Upper
123	48.8	39.6	59.4
65	13.2	10.1	15.1





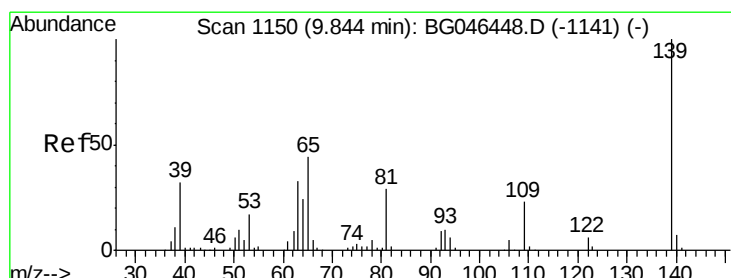
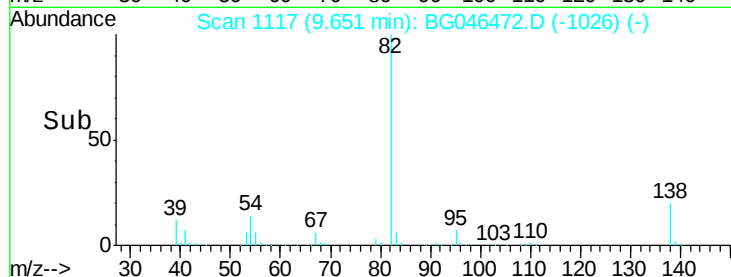
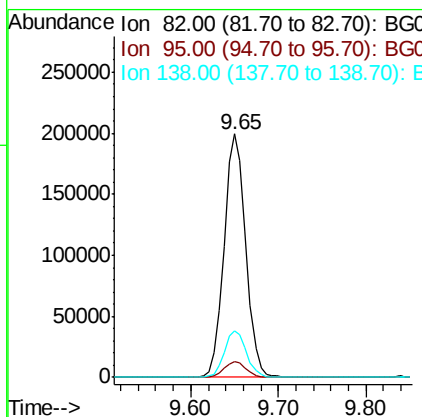
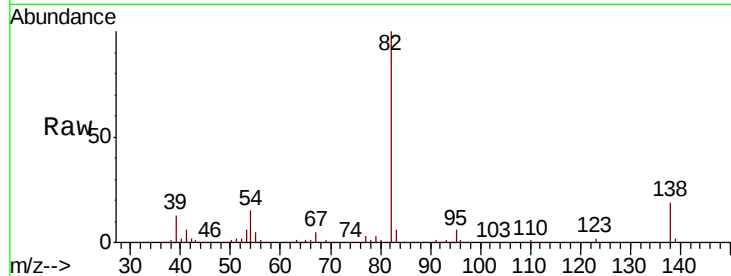
#25
Isophorone
Concen: 37.824 ng
RT: 9.65 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	339532		
95	6.4		5.8	8.6
138	19.1		16.4	24.6

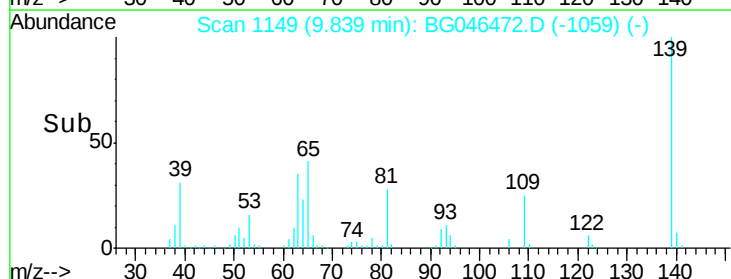
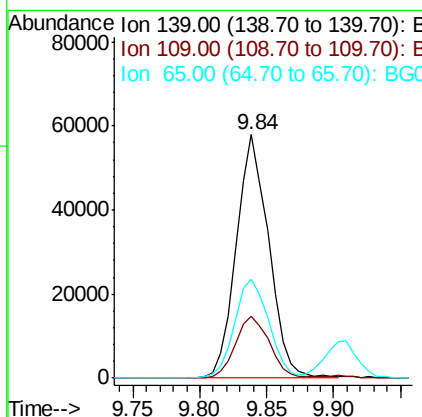
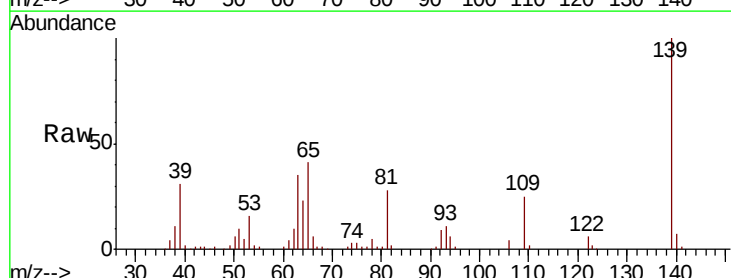
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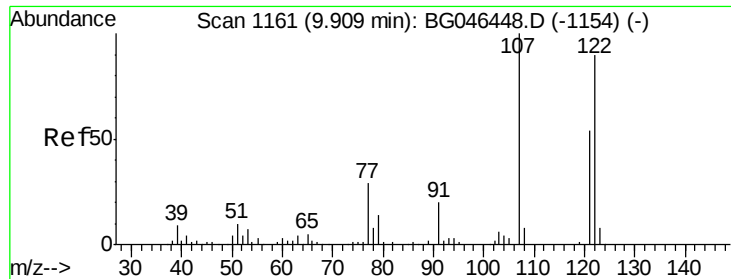
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#26
2-Nitrophenol
Concen: 38.247 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	97612		
109	25.2		18.8	28.2
65	40.8		35.0	52.6





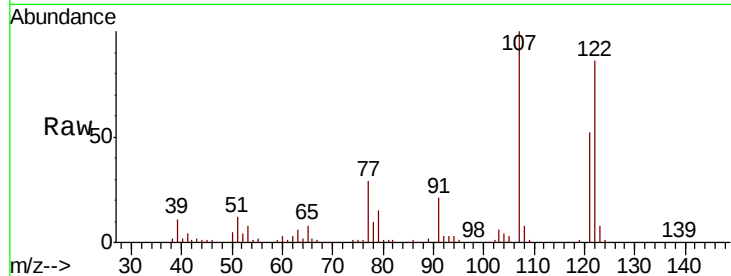
#27
2,4-Dimethylphenol
Concen: 45.771 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleID :
PB131309BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	160668		
107	116.8	88.2	132.2	
121	61.2	47.4	71.0	

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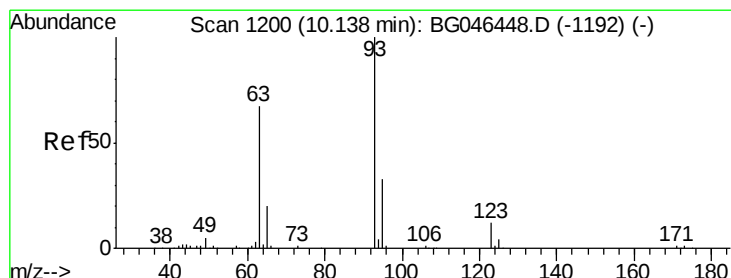
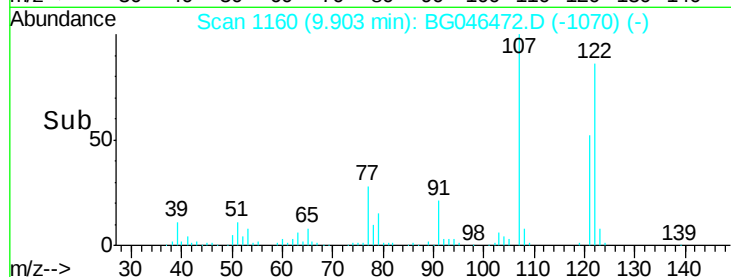
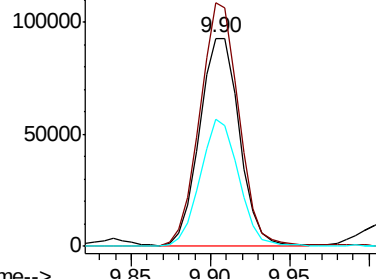


Abundance

Ion 122.00 (121.70 to 122.70): E

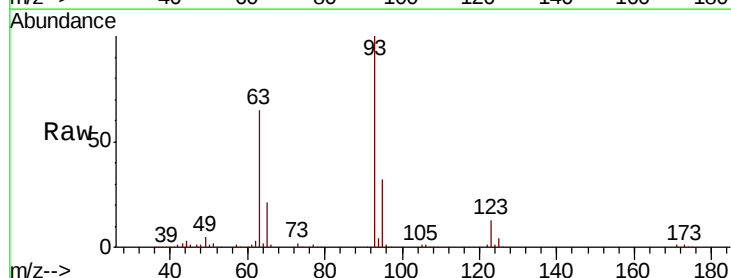
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 36.236 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	209362		
95	32.1	26.1	39.1	
123	12.6	9.5	14.3	

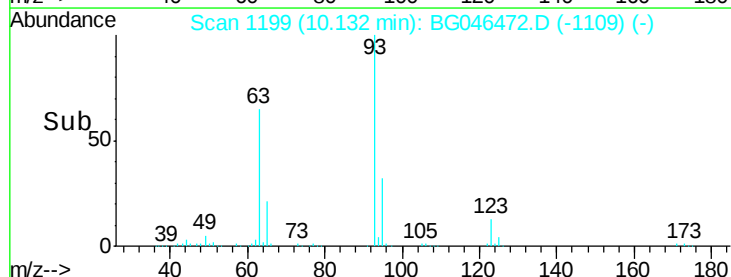
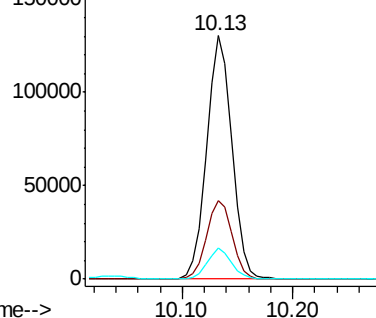


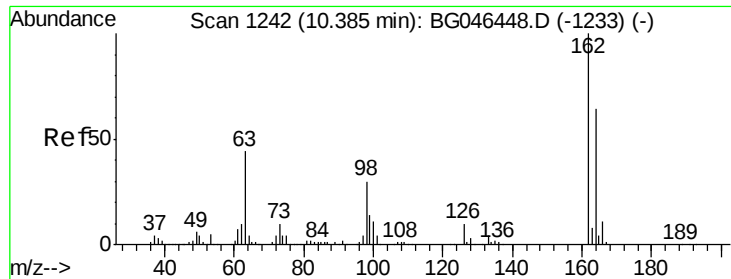
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





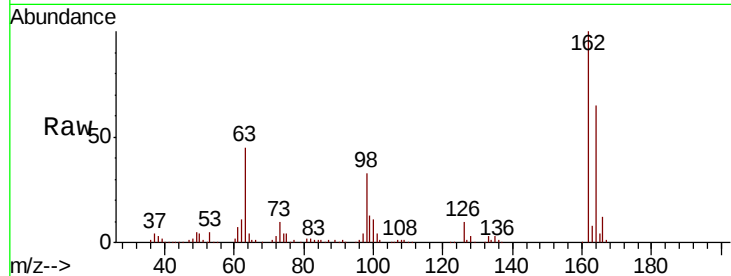
#29
 2,4-Dichlorophenol
 Concen: 39.250 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampled :
 PB131309BS

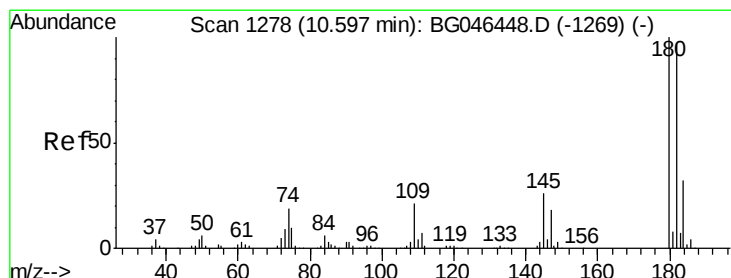
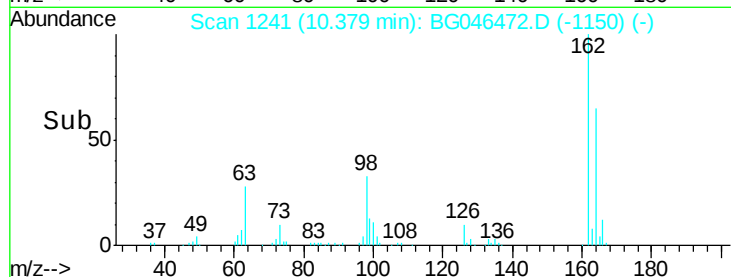
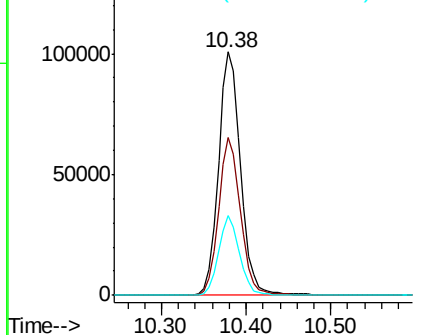
Tot Ion:	162	Resp:	183669
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.3	84.3
98	32.6	10.0	50.0

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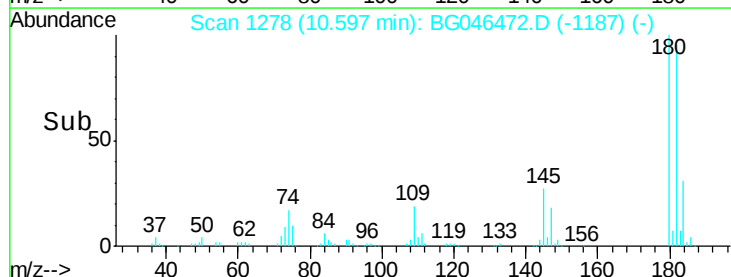
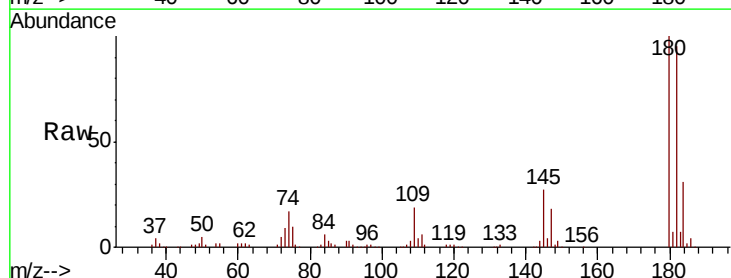
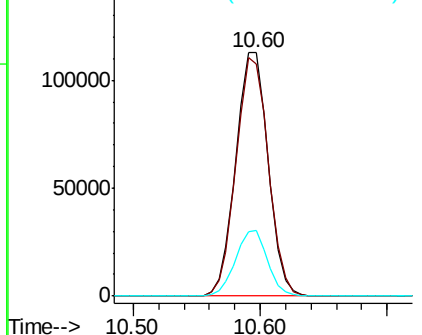
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

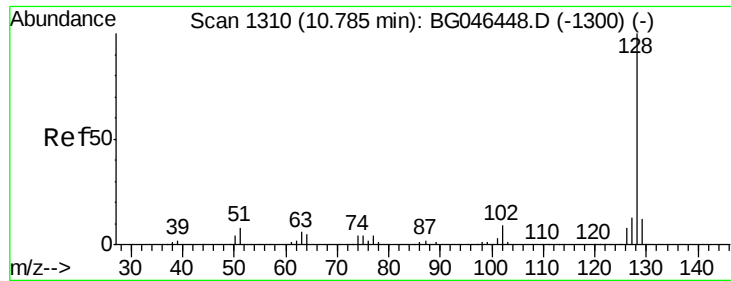


#30
 1,2,4-Trichlorobenzene
 Concen: 36.003 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion:	180	Resp:	199894
Ion Ratio	Lower	Upper	
180	100		
182	95.3	77.8	116.8
145	27.0	20.9	31.3

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





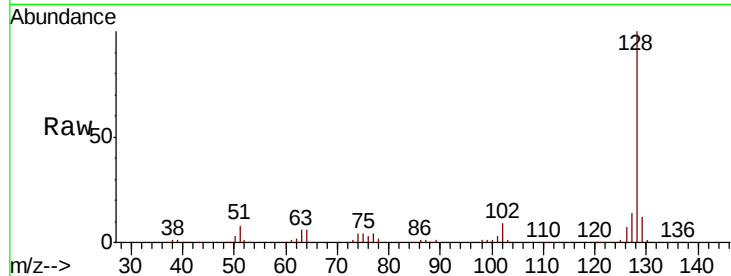
#31
Naphthalene
Concen: 37.876 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

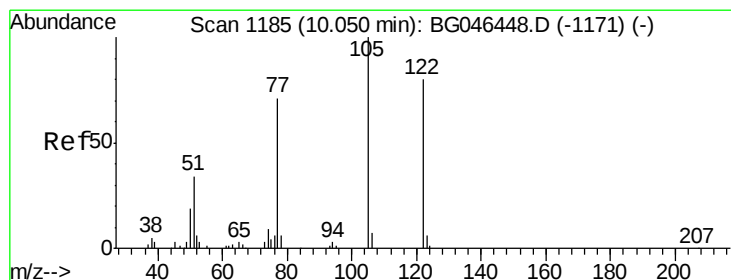
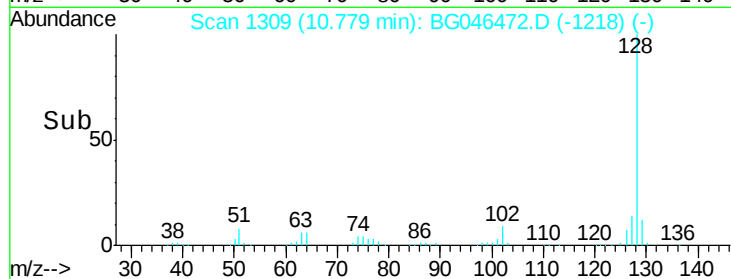
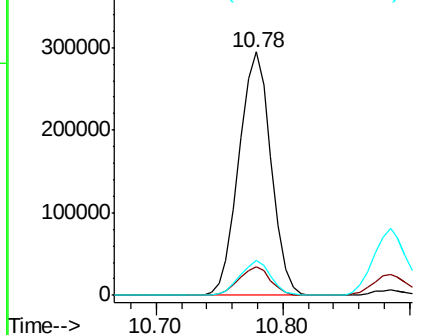
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	14.4	10.7	16.1

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9/1/2020 10:47:29 AM

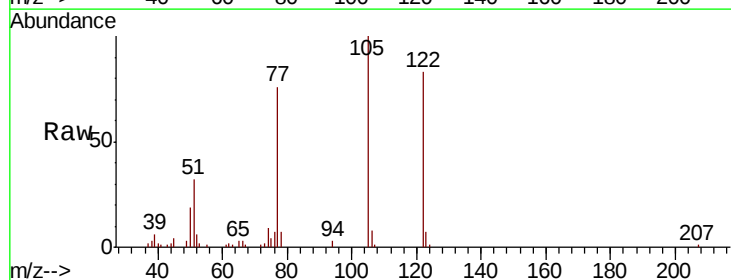


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

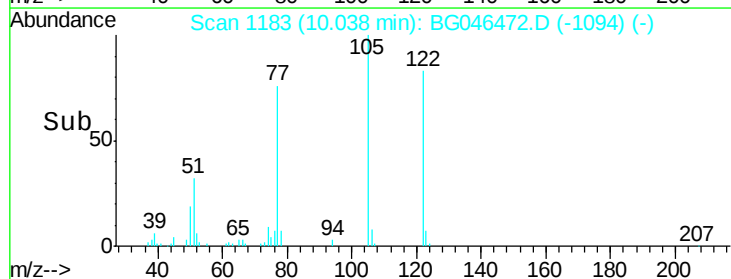
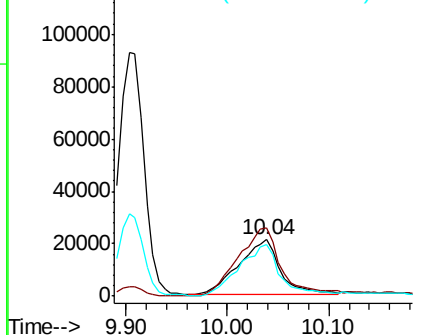


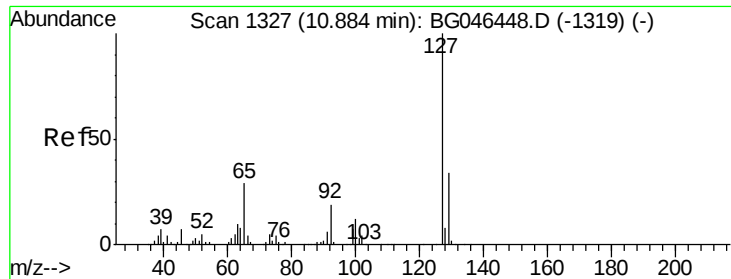
#32
Benzoic acid
Concen: 27.636 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.9	102.5	142.5
77	91.4	68.2	108.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





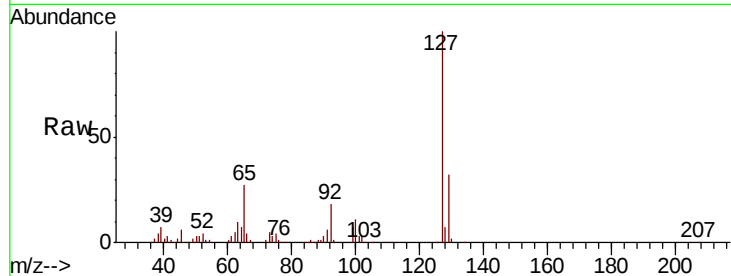
#33
4-Chloroaniline
Concen: 25.338 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	27.0	40.4	
65	26.7	23.5	35.3	
92	17.7	14.9	22.3	

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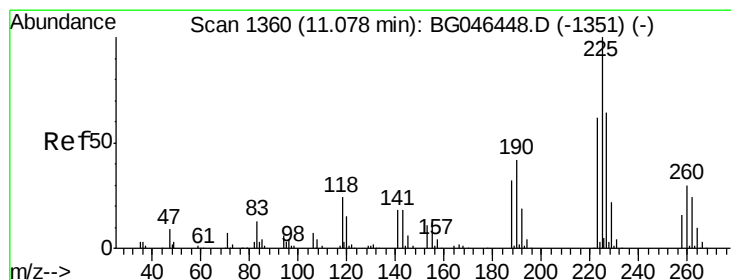
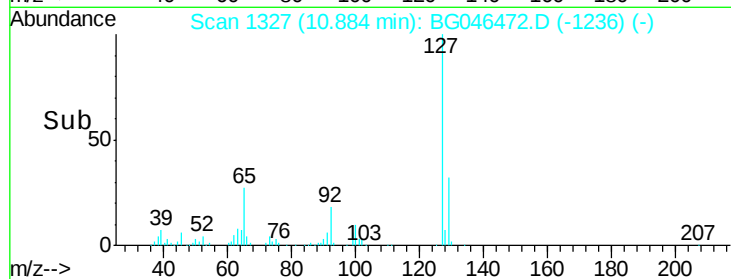
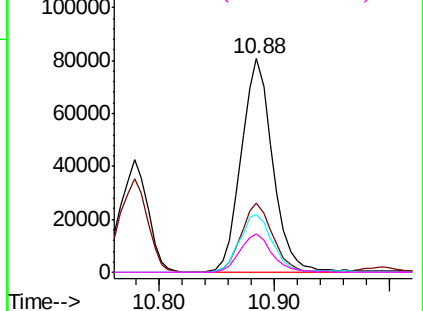
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

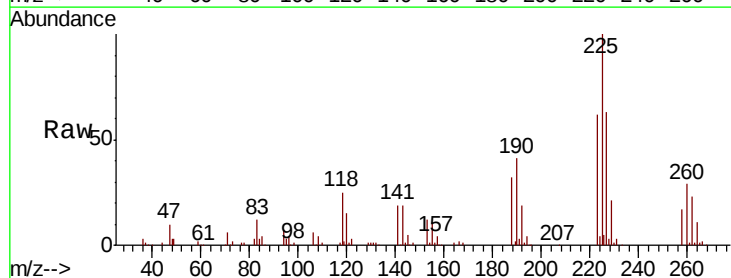
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 34.517 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	49.9	74.9	
227	63.4	51.6	77.4	

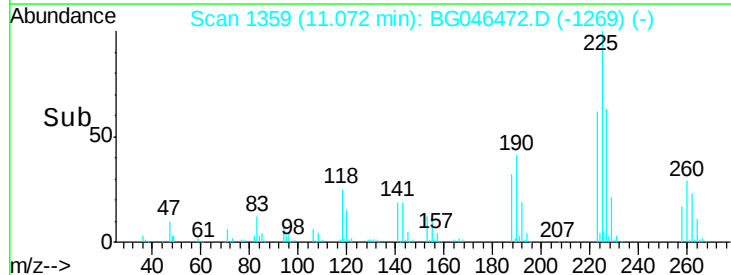
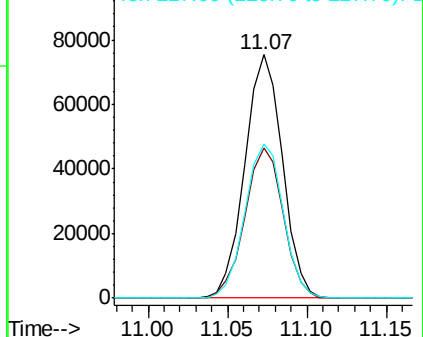


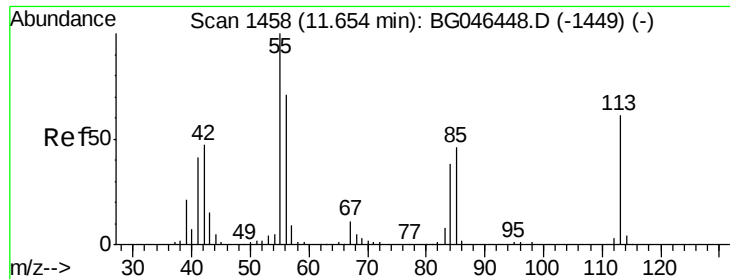
Abundance

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





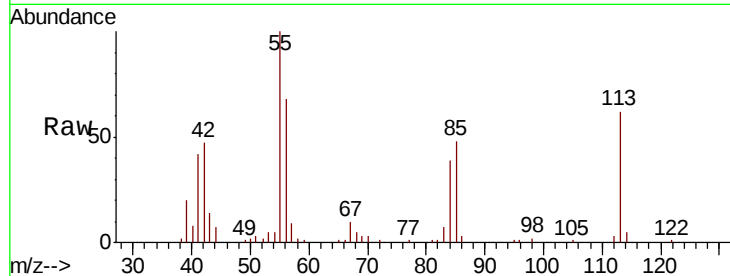
#35
Caprolactam
Concen: 35.728 ng/ml
RT: 11.64 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

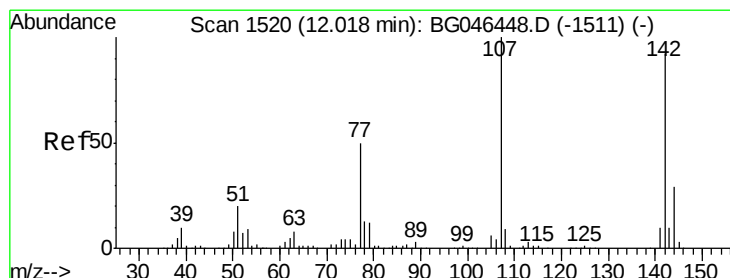
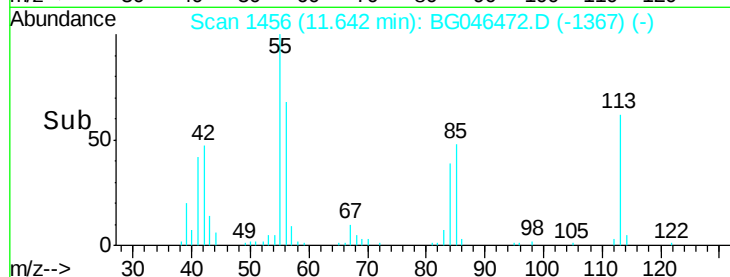
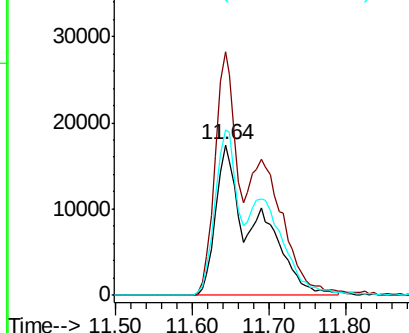
Tot Ion:113 Resp: 62494
Ion Ratio Lower Upper
113 100
55 162.1 144.2 184.2
56 109.9 97.0 137.0

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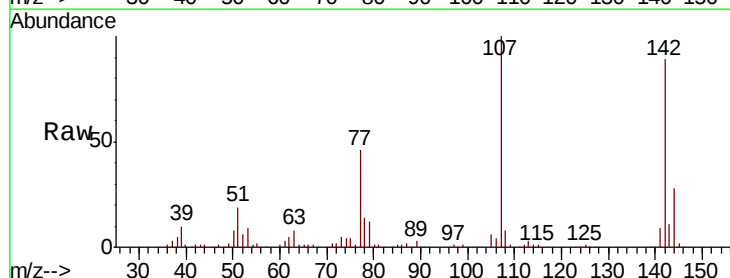


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

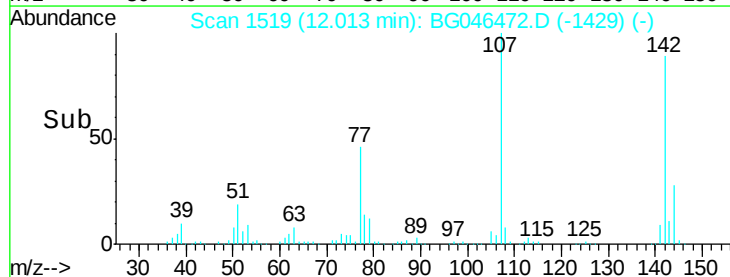
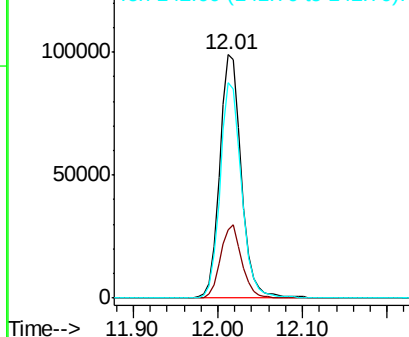


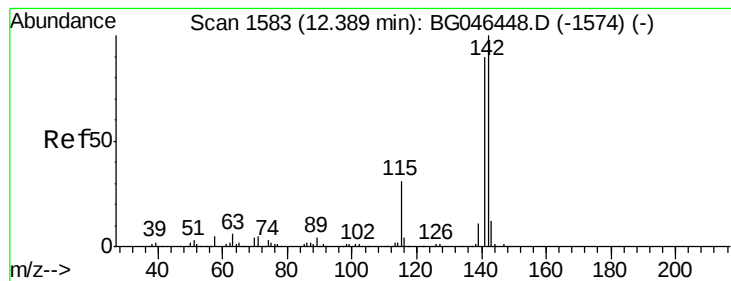
#36
4-Chloro-3-methylphenol
Concen: 38.577 ng/ml
RT: 12.01 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion:107 Resp: 176559
Ion Ratio Lower Upper
107 100
144 27.9 23.3 34.9
142 88.5 73.7 110.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





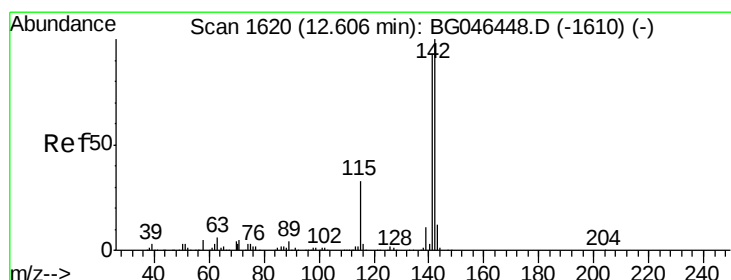
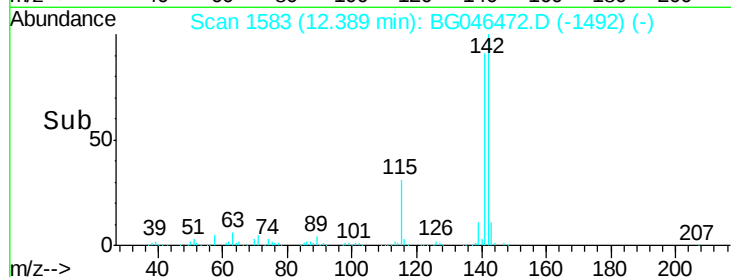
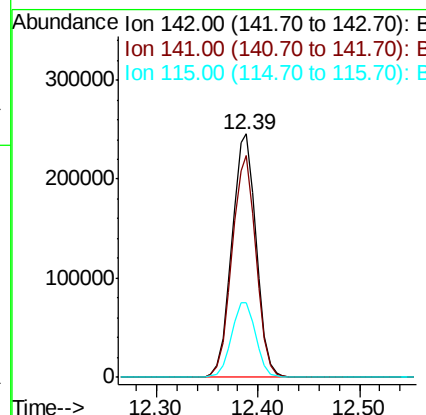
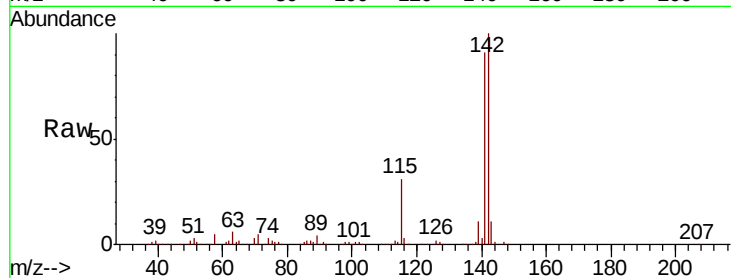
#37
 2-Methylnaphthalene
 Concen: 37.781 ng
 RT: 12.39 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.1	108.1
115	30.6	24.9	37.3

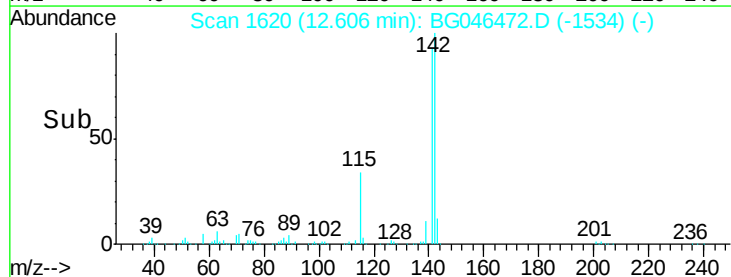
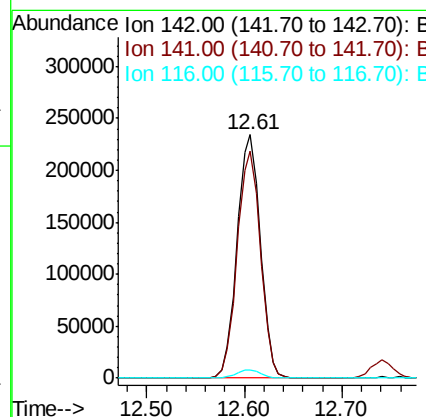
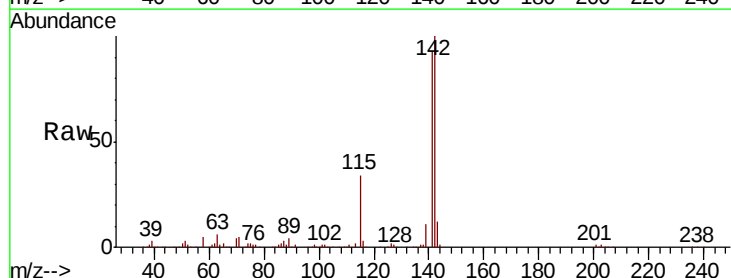
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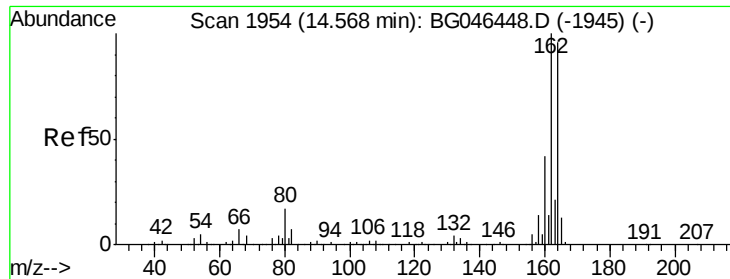
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#38
 1-Methylnaphthalene
 Concen: 37.986 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.7	112.1
116	3.1	2.6	4.0





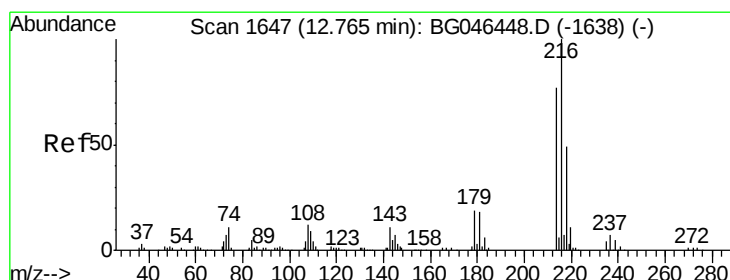
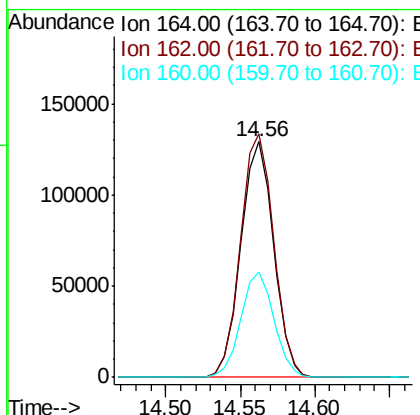
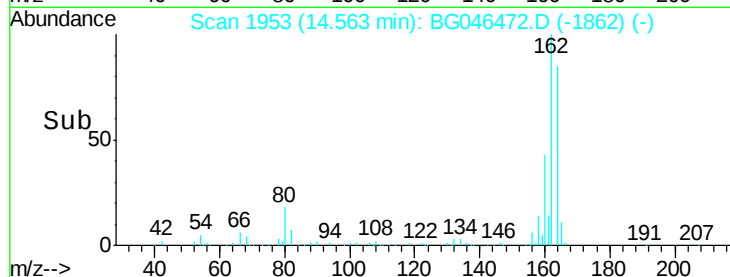
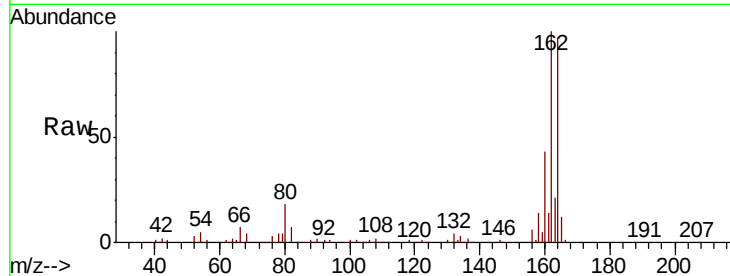
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	196577		
162	103.4	83.3	124.9	
160	44.9	35.0	52.6	

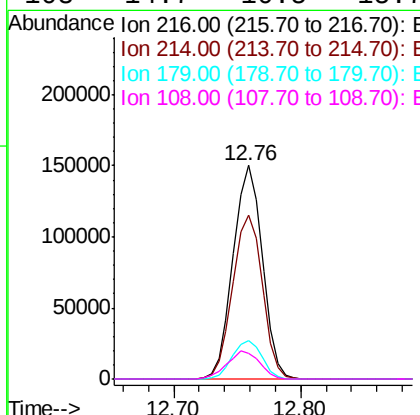
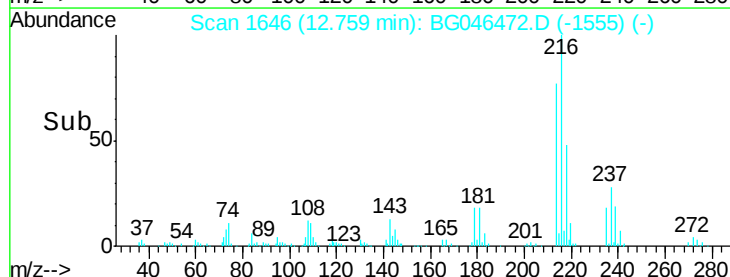
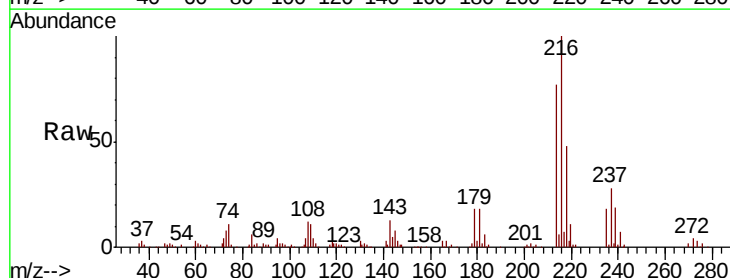
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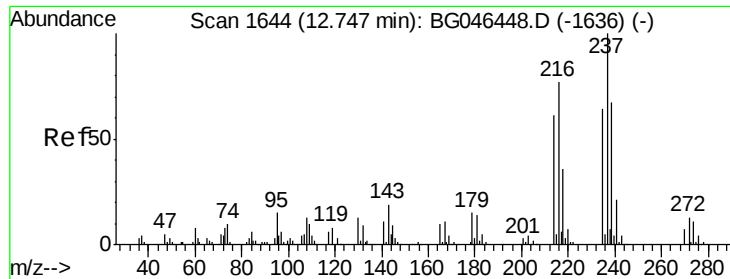
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.126 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	240662		
214	77.7	62.1	93.1	
179	18.3	14.9	22.3	
108	14.7	10.5	15.7	





#41

Hexachlorocyclopentadiene

Concen: 94.204 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

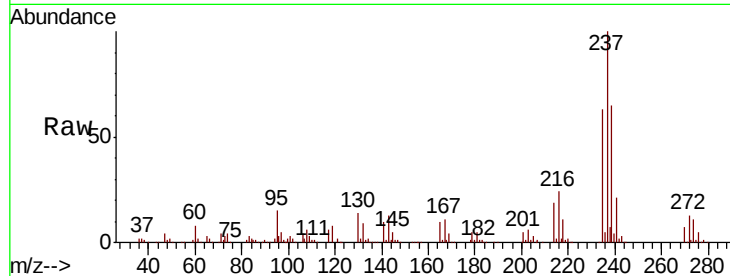
ClientSampleId :

PB131309BS

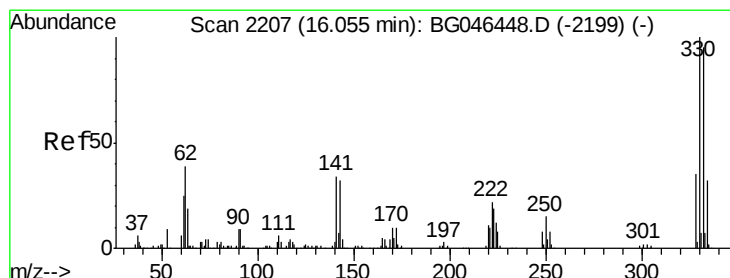
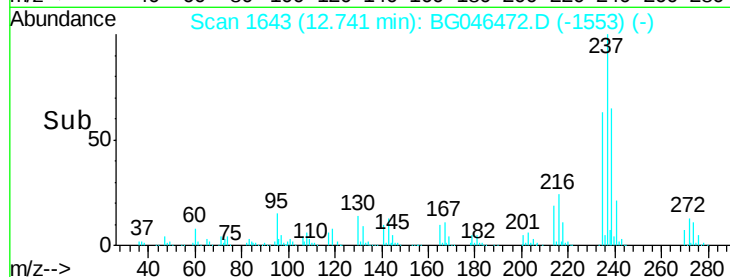
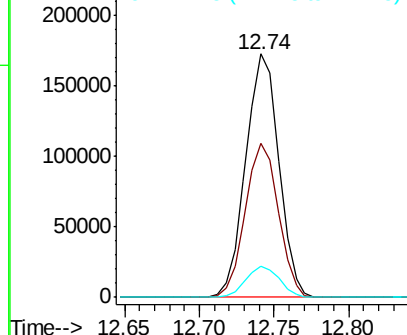
Tot Ion:	237	Resp:	265533
Ion Ratio	Lower	Upper	
237	100		
235	63.4	44.5	84.5
272	13.0	0.0	32.8

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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: 97.927 ng

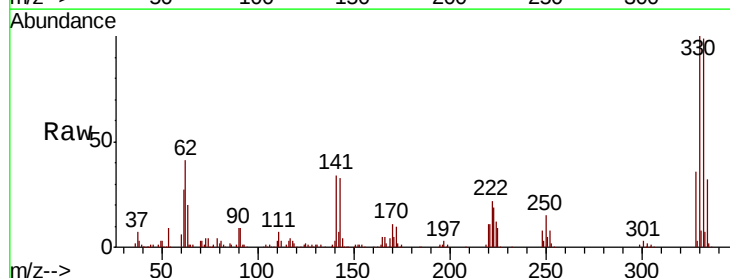
RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

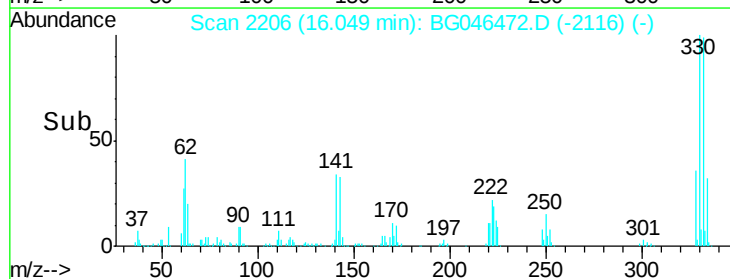
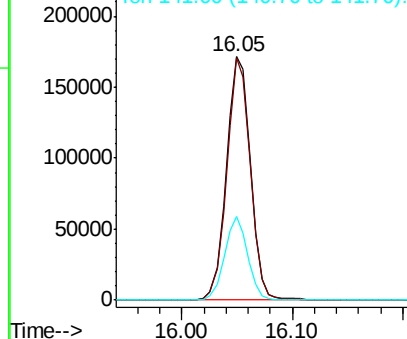
Lab File: BG046472.D

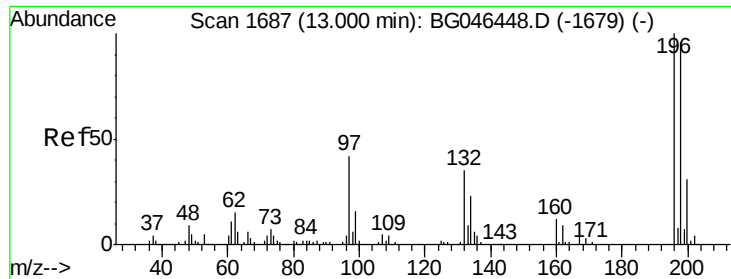
Acq: 31 Aug 2020 17:11

Tgt Ion:	330	Resp:	260827
Ion Ratio	Lower	Upper	
330	100		
332	97.6	76.1	114.1
141	32.9	26.1	39.1



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





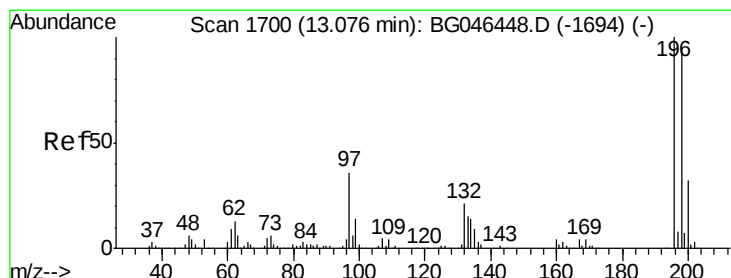
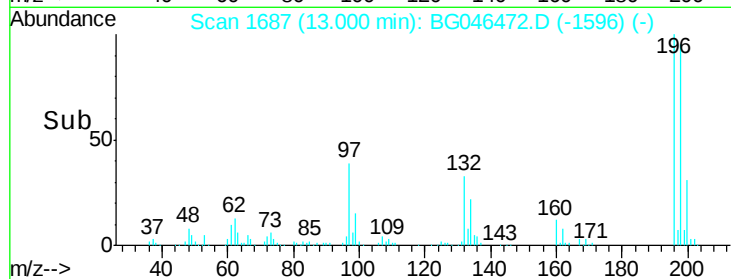
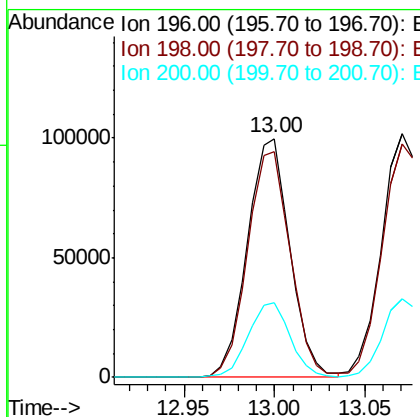
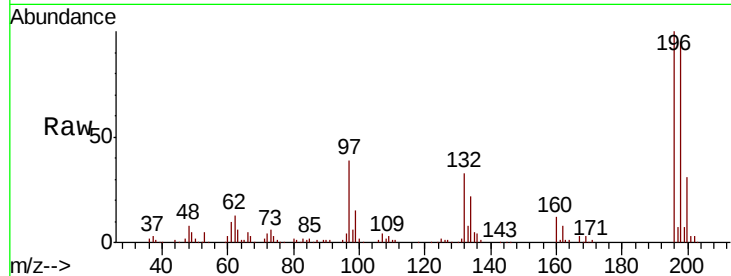
#43
 2,4,6-Trichlorophenol
 Concen: 37.184 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	162663		
198	94.6	77.0	115.6	
200	31.2	25.2	37.8	

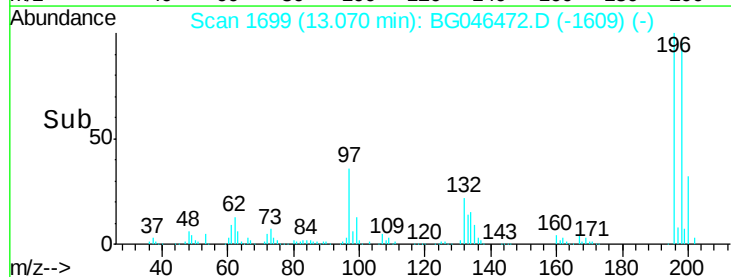
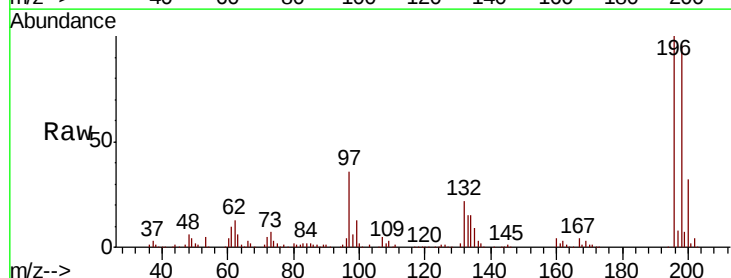
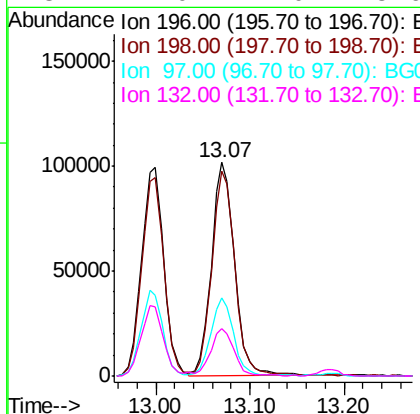
Manual Integrations
 APPROVED

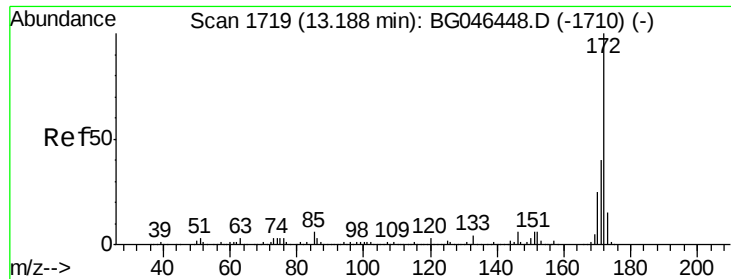
mohammad
 9/1/2020 10:47:29 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.212 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175628		
198	96.0	75.6	113.4	
97	36.4	28.6	43.0	
132	22.0	17.0	25.6	





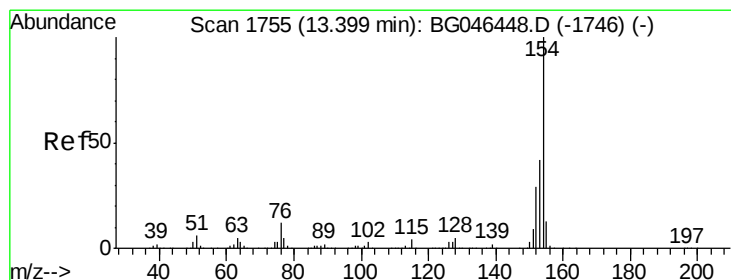
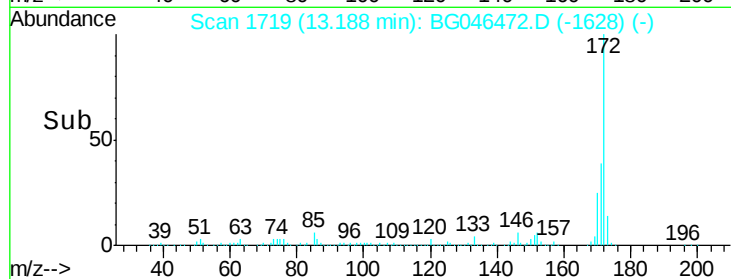
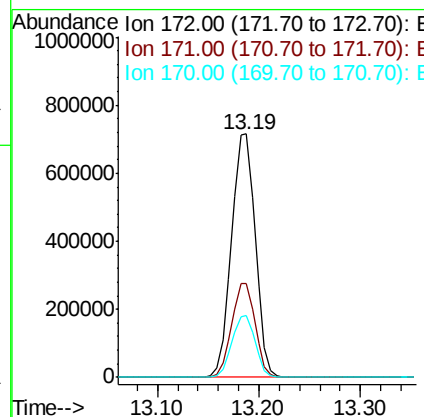
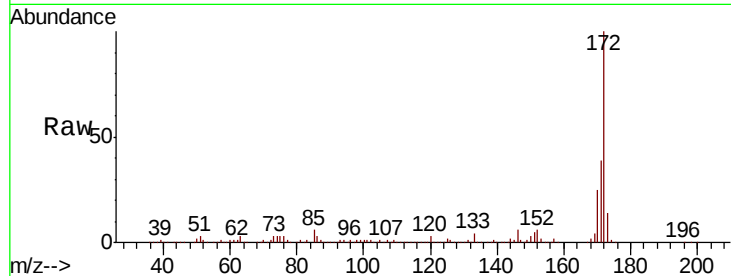
#45
 2-Fluorobiphenyl
 Concen: 90.481 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.8	47.6
170	25.4	20.3	30.5

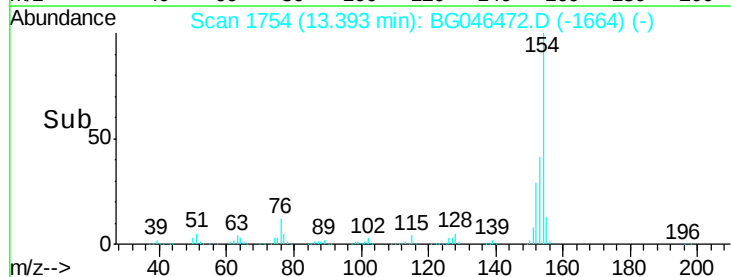
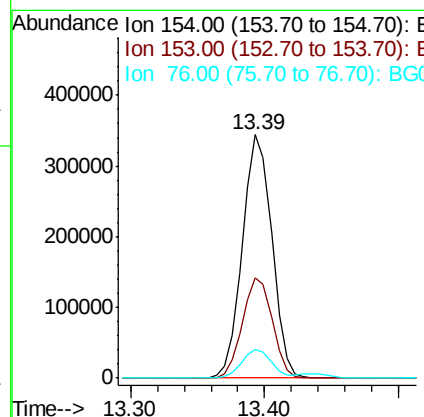
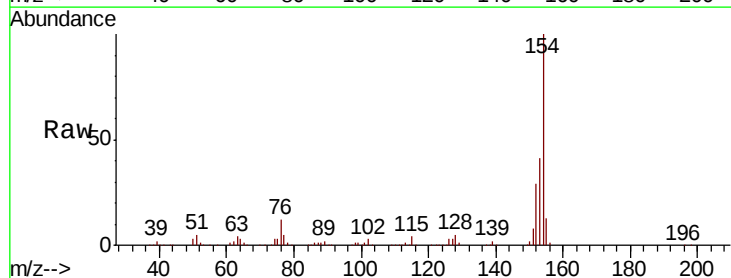
Manual Integrations
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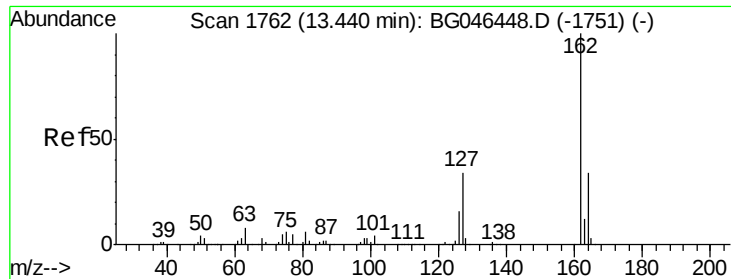
mohammad
 9/1/2020 10:47:29 AM



#46
 1,1'-Biphenyl
 Concen: 38.402 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.0	62.0
76	11.6	0.0	32.3





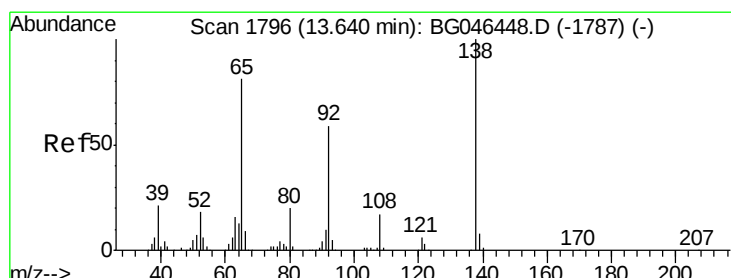
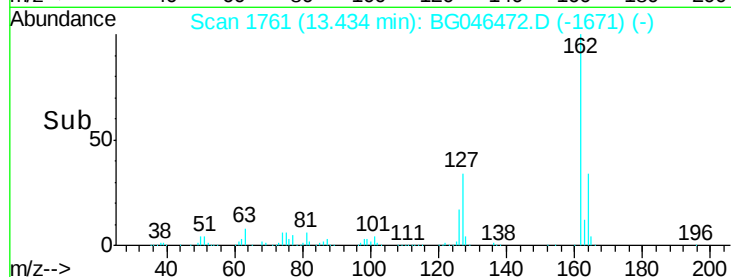
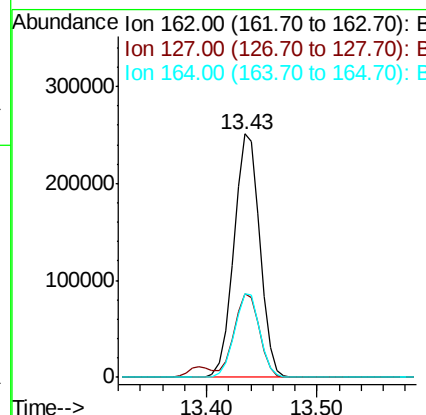
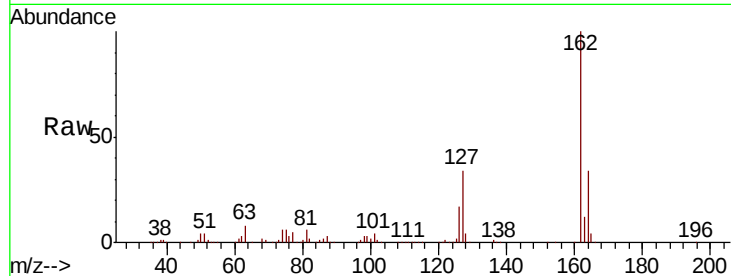
#47
2-Chloronaphthalene
Concen: 35.532 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.3	27.6	41.4
164	34.5	27.3	40.9

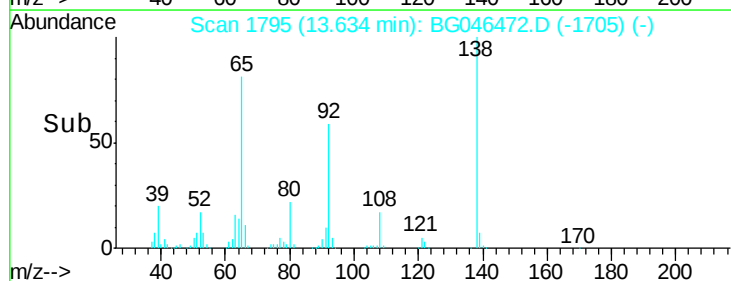
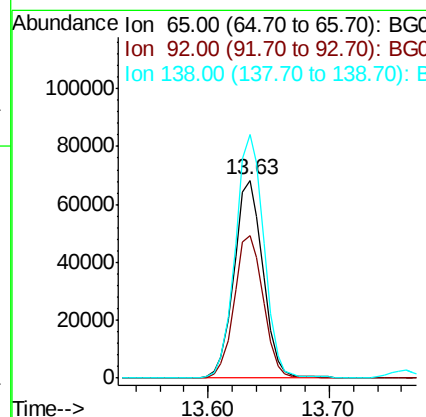
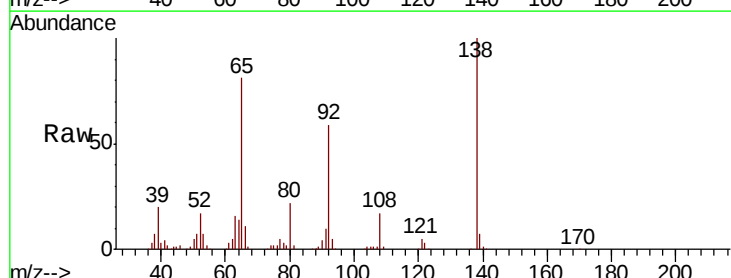
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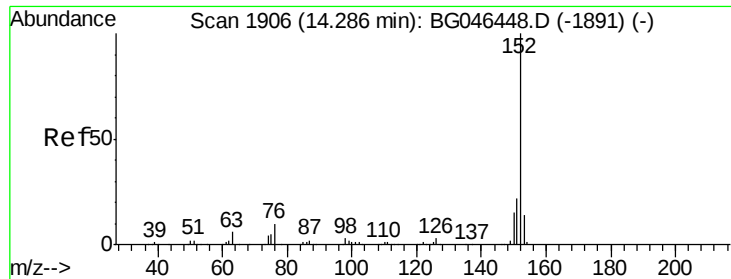
mohammad
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#48
2-Nitroaniline
Concen: 35.514 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	58.5	87.7
138	123.3	98.4	147.6





#49

Acenaphthylene

Concen: 38.364 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

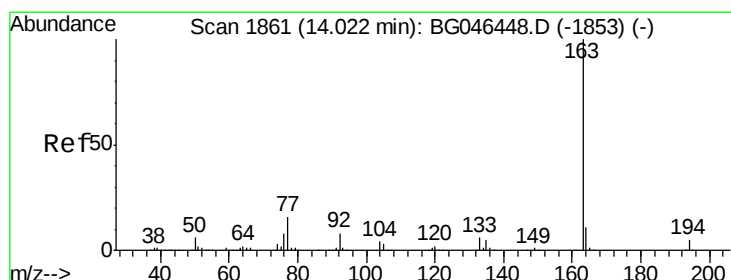
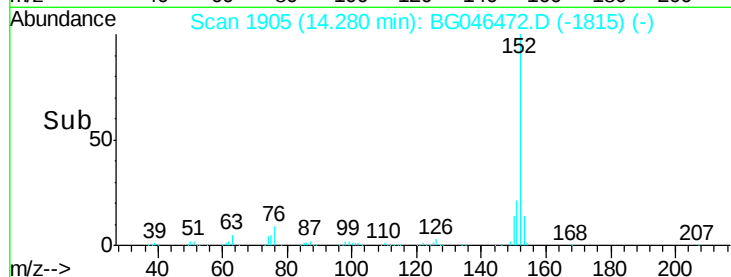
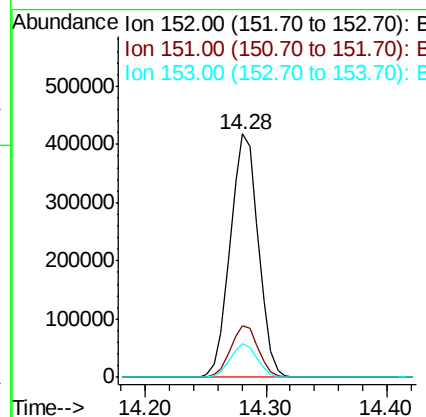
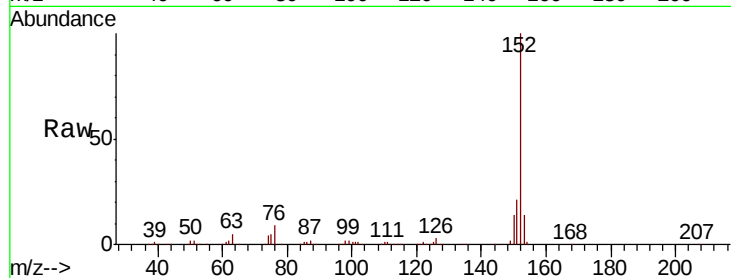
ClientSampleId :

PB131309BS

Tot Ion:	152	Resp:	674831
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.7	26.5
153	13.9	11.2	16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 35.135 ng

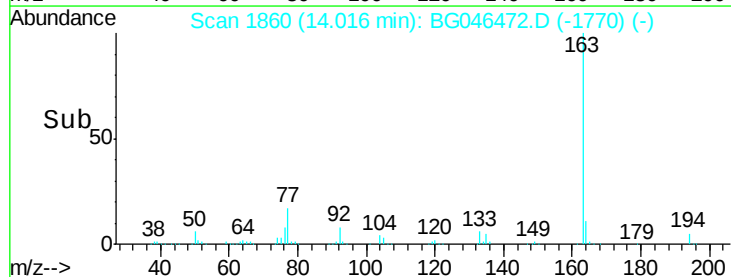
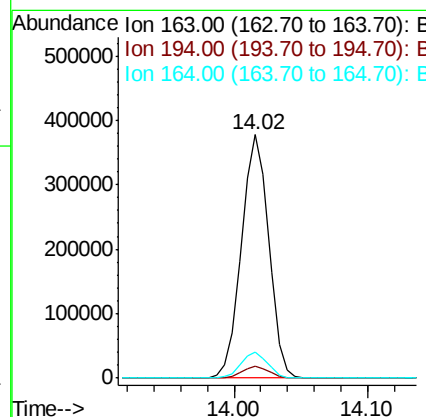
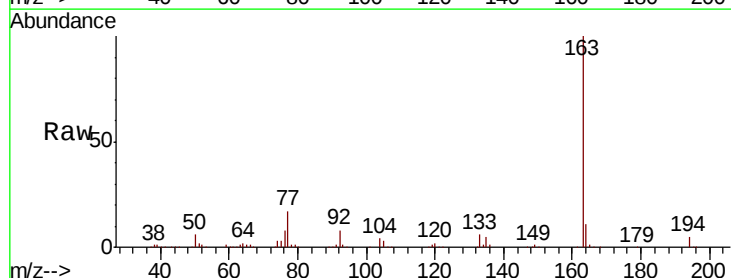
RT: 14.02 min Scan# 1860

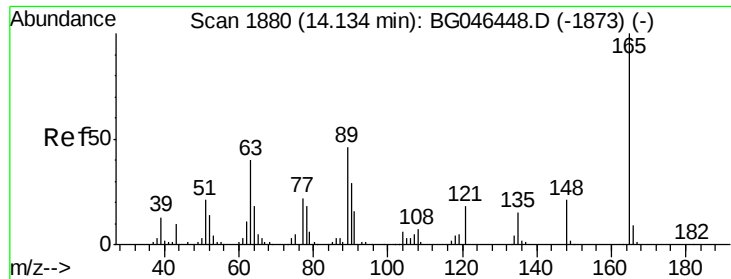
Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion:	163	Resp:	534332
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.7	5.5
164	10.6	8.6	12.8





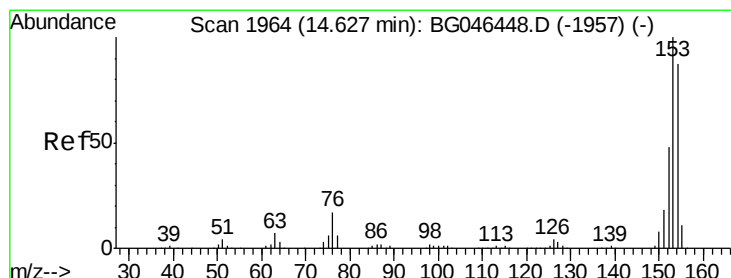
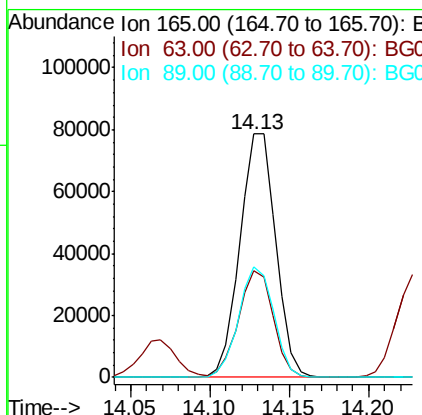
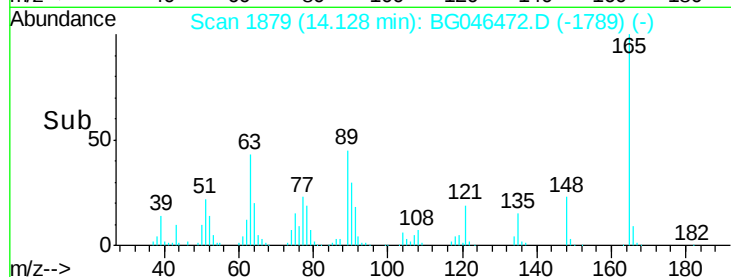
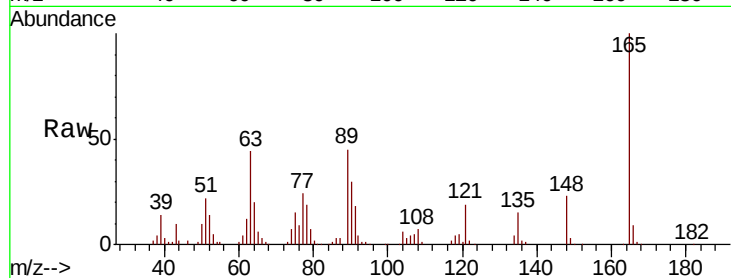
#51
2,6-Dinitrotoluene
Concen: 36.832 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		123474		
63	43.6	34.2	51.4		
89	45.5	37.0	55.4		

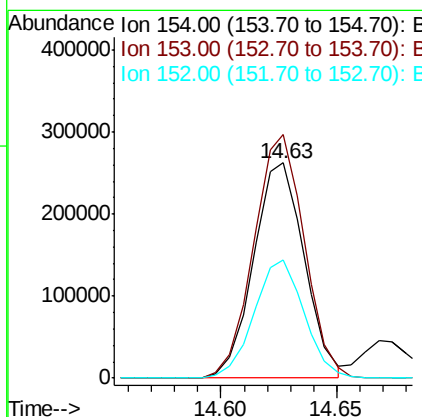
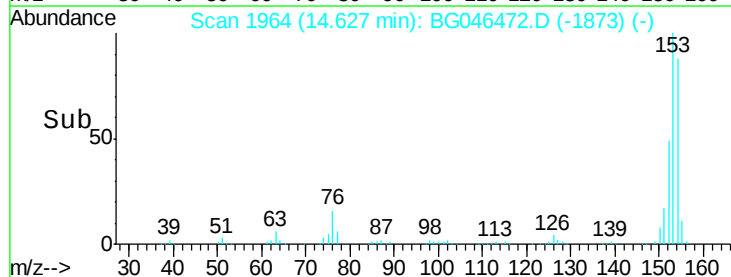
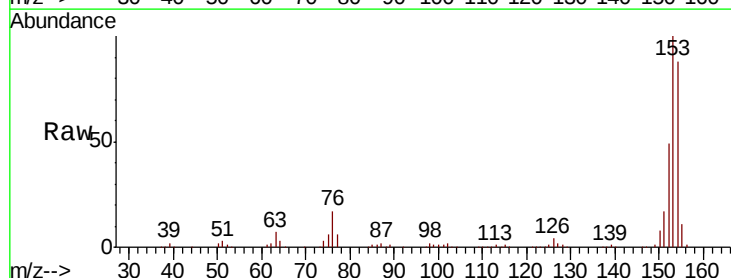
Manual Integrations
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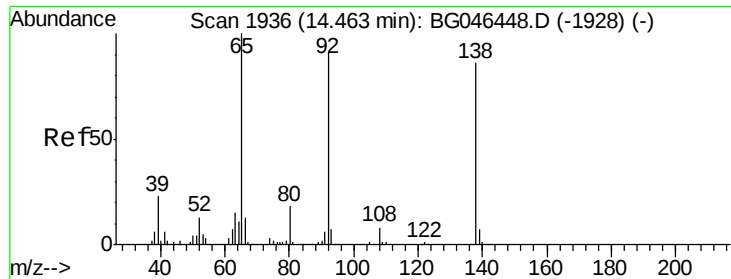
mohammad
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#52
Acenaphthene
Concen: 36.802 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		401157		
153	113.1	91.9	137.9		
152	55.0	43.8	65.6		





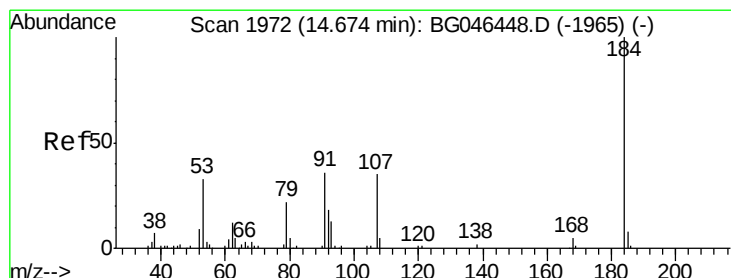
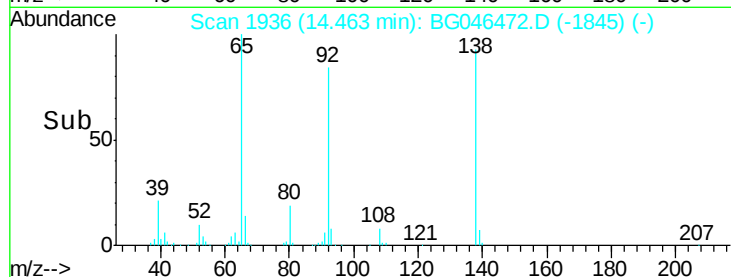
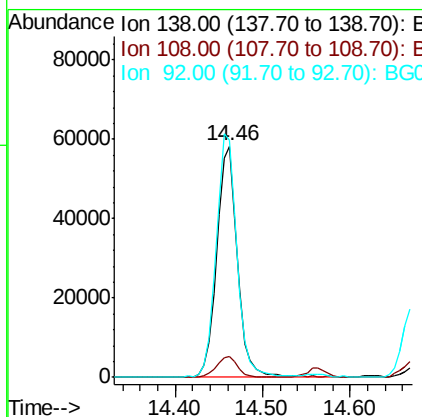
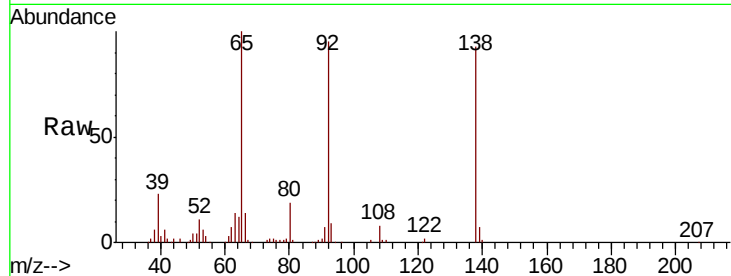
#53
3-Nitroaniline
Concen: 26.416 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.0	10.6
92	102.7	84.6	127.0

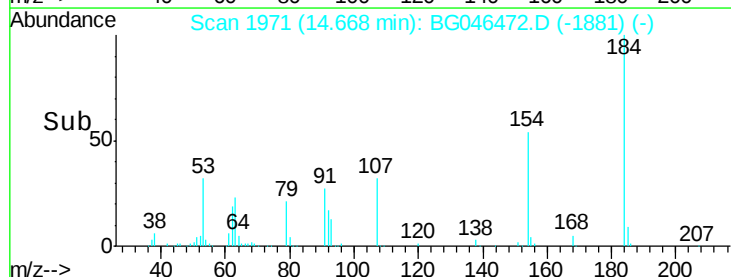
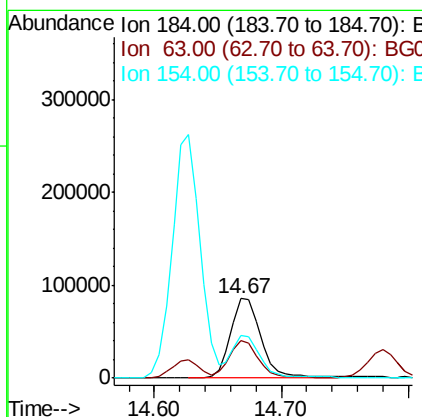
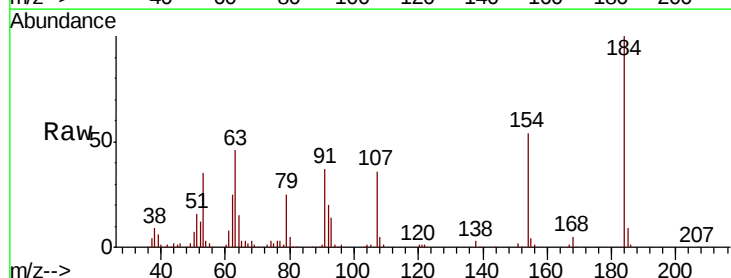
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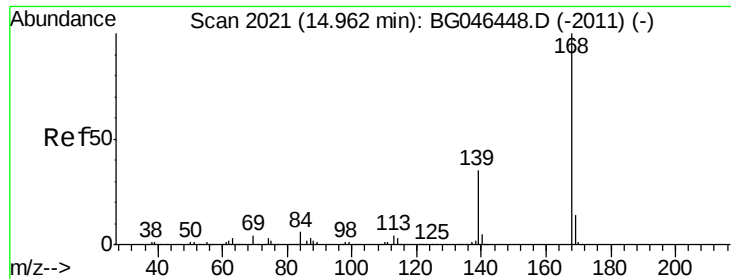
mohammad
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#54
2,4-Dinitrophenol
Concen: 73.626 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.5	35.6	53.4
154	53.9	44.3	66.5





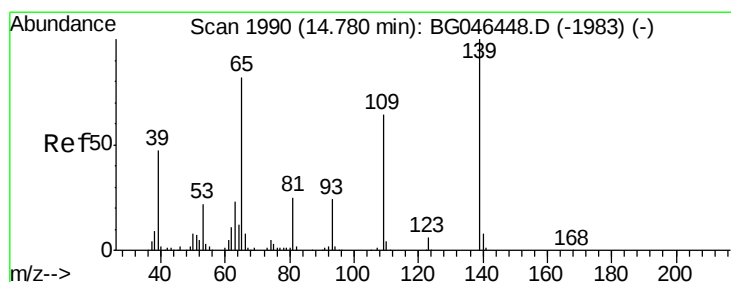
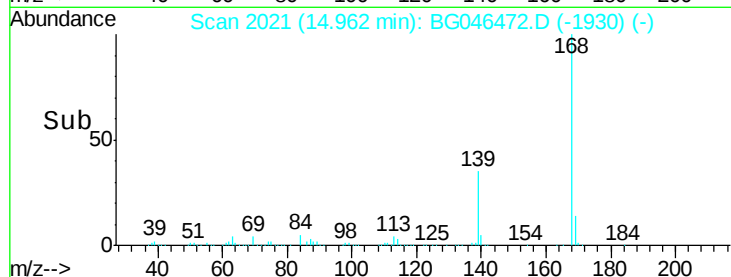
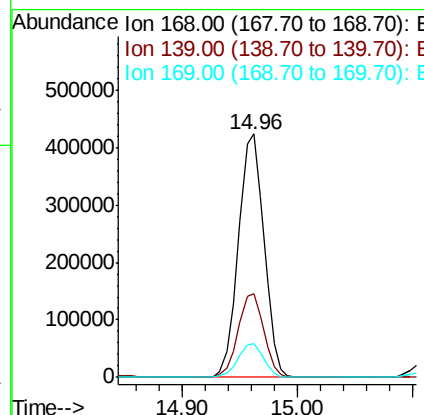
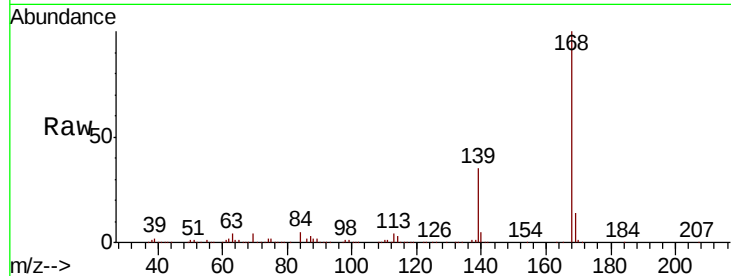
#55
Dibenzenofuran
Concen: 37.211 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.6	28.1	42.1
169	13.9	11.5	17.3

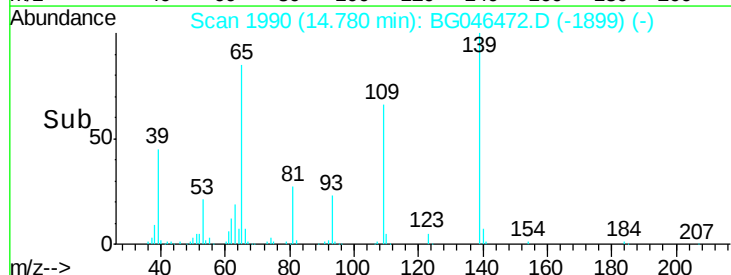
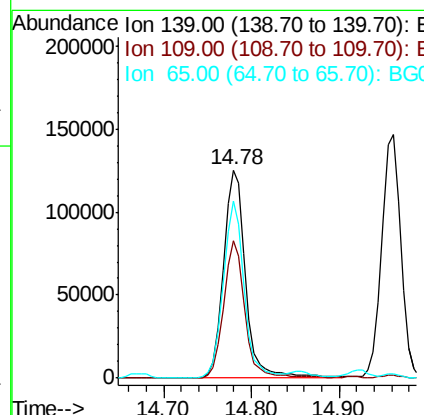
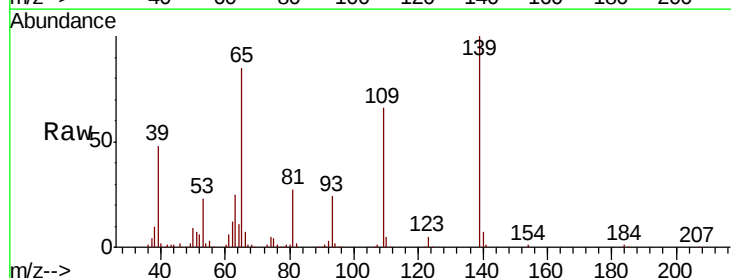
Manual Integrations
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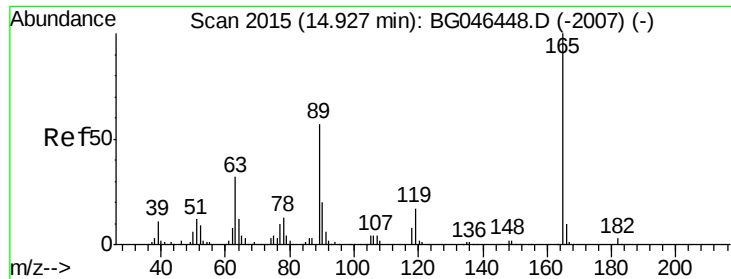
mohammad
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#56
4-Nitrophenol
Concen: 82.236 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	44.3	84.3
65	85.1	61.5	101.5





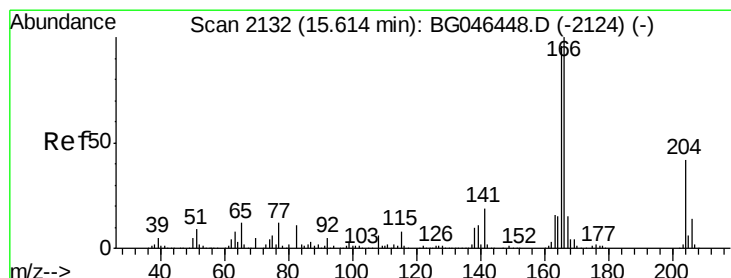
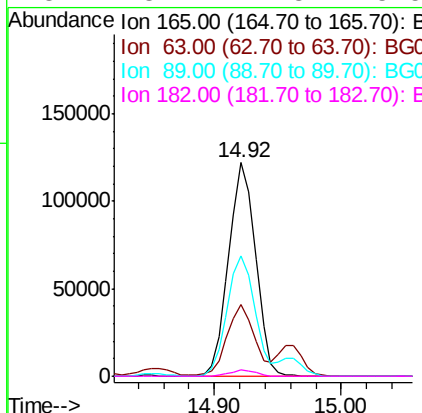
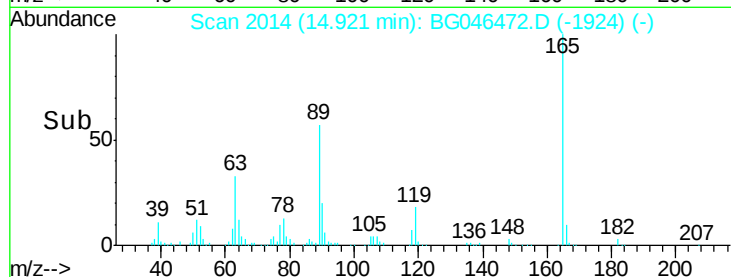
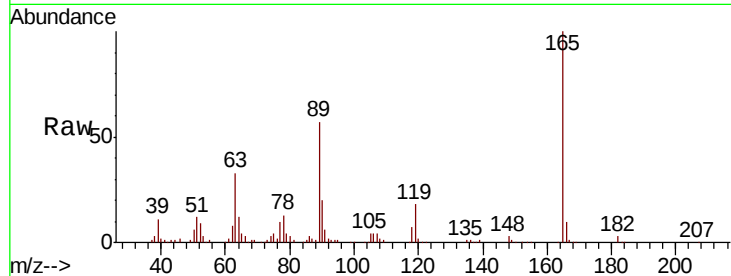
#57
2,4-Dinitrotoluene
Concen: 37.606 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		179761		
63	33.3	25.4	38.0		
89	56.5	45.9	68.9		
182	3.1	2.3	3.5		

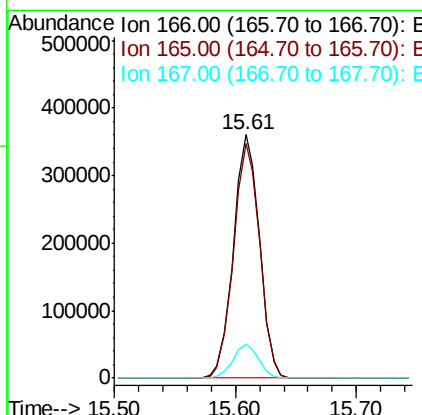
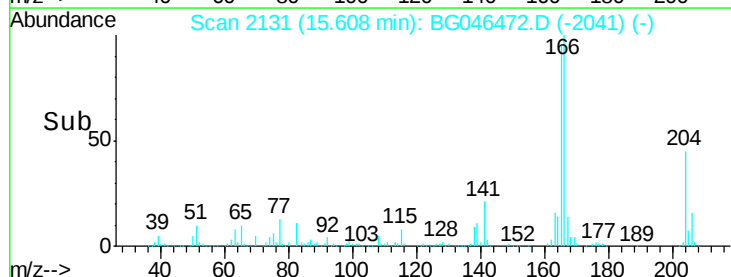
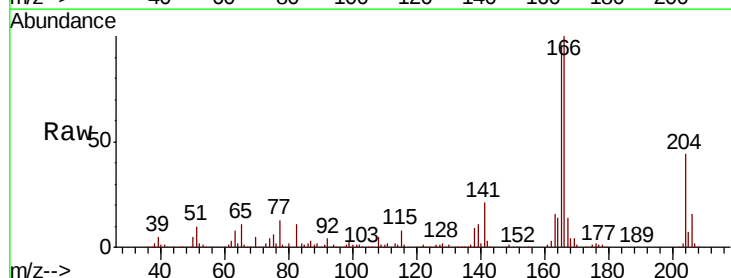
Manual Integrations
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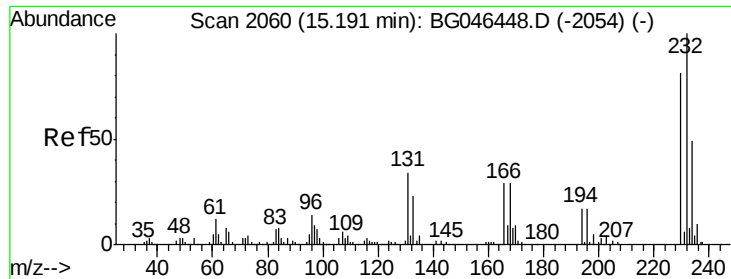
mohammad
9/1/2020 10:47:29 AM



#58
Fluorene
Concen: 36.854 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		541092		
165	96.2	77.0	115.4		
167	13.8	11.8	17.6		





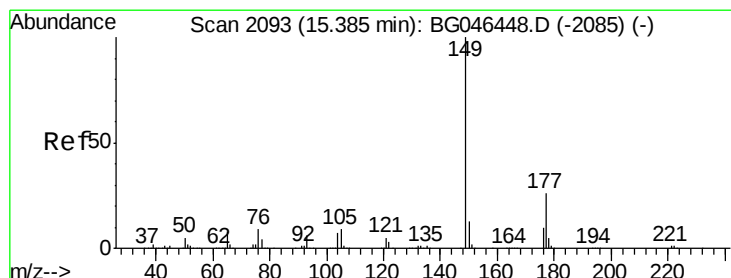
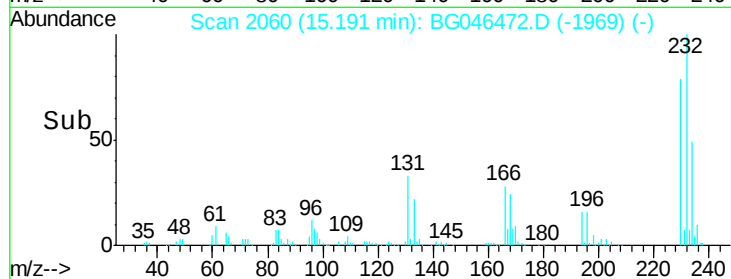
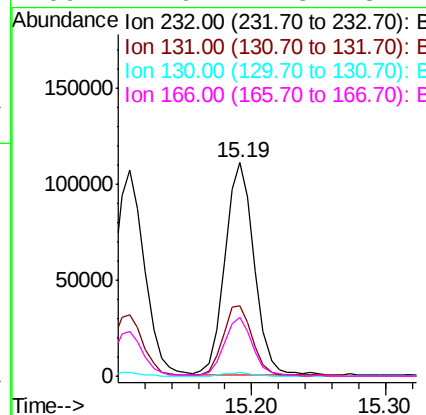
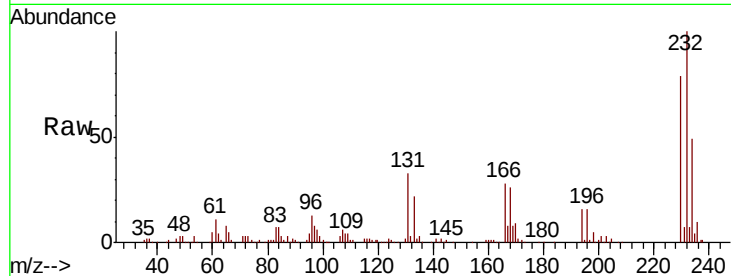
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.219 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	170578		
131	34.1	26.8	40.2	
130	1.8	1.4	2.2	
166	27.9	22.8	34.2	

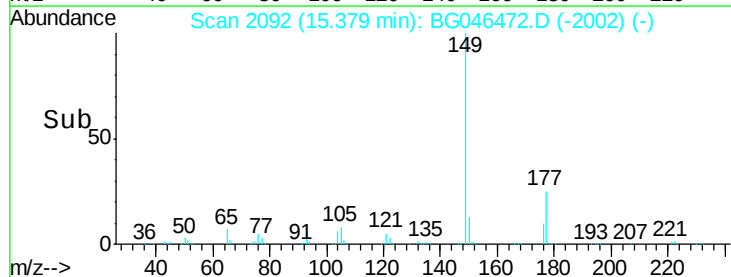
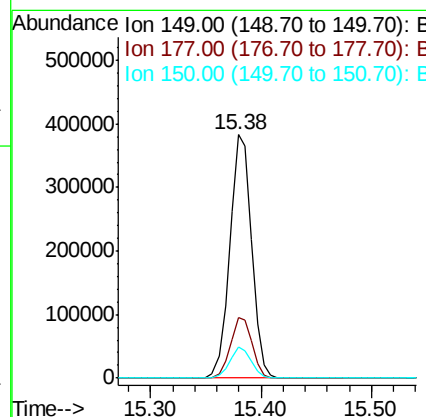
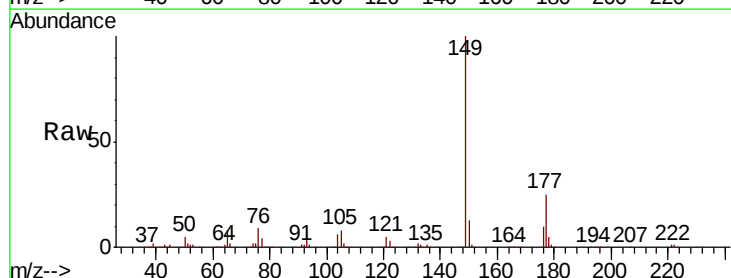
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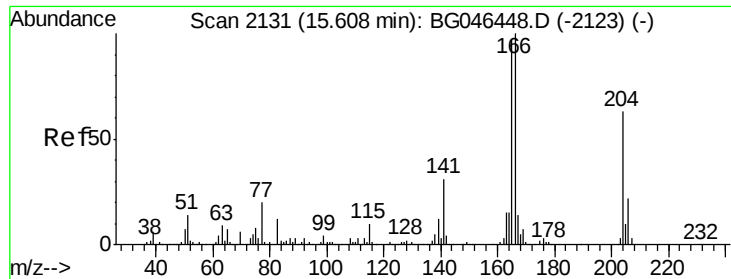
mohammad
 9/1/2020 10:47:29 AM



#60
 Diethylphthalate
 Concen: 35.673 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	528950		
177	24.8	20.6	30.8	
150	13.0	10.3	15.5	





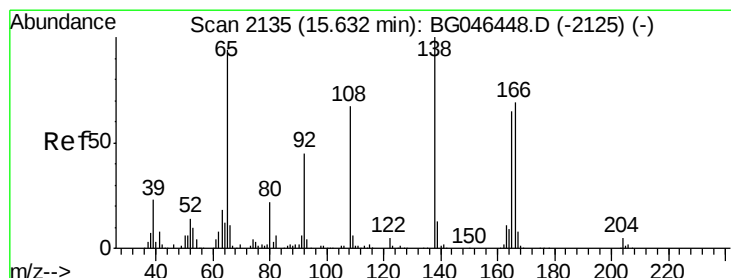
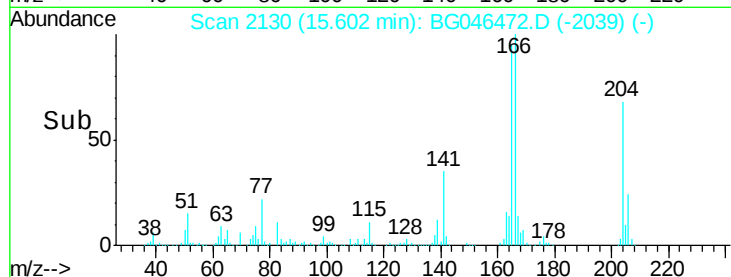
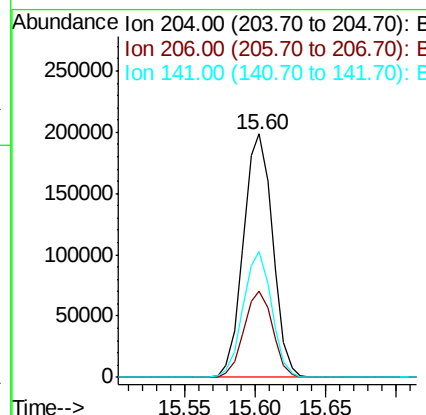
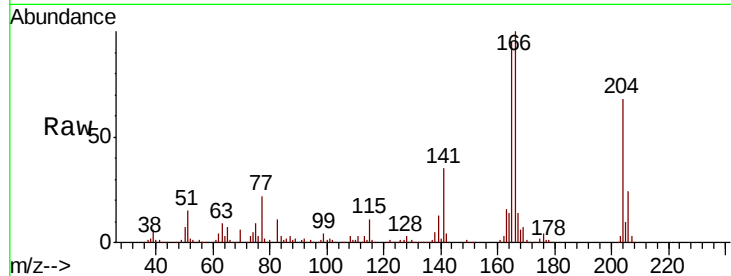
#61
4-Chlorophenyl-phenylether
Concen: 35.673 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleID :
PB131309BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	27.7	41.5
141	51.7	38.7	58.1

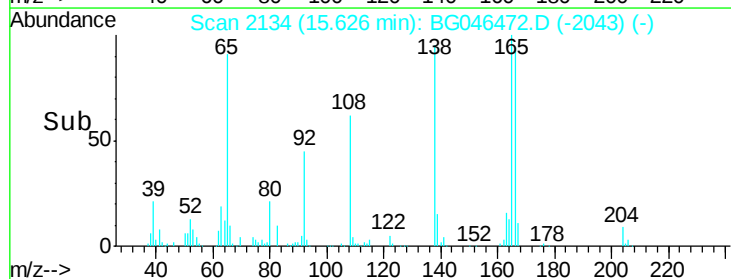
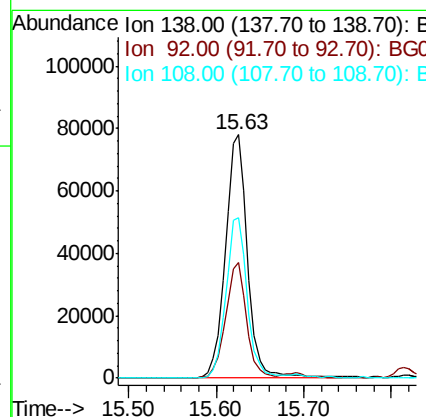
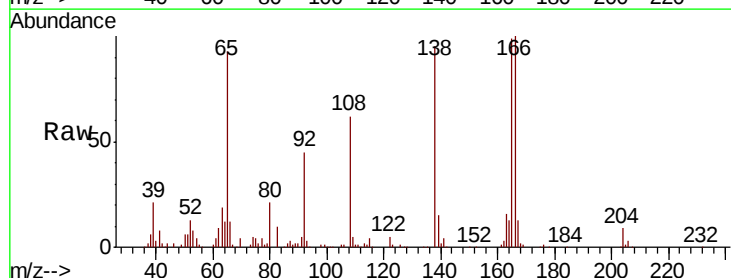
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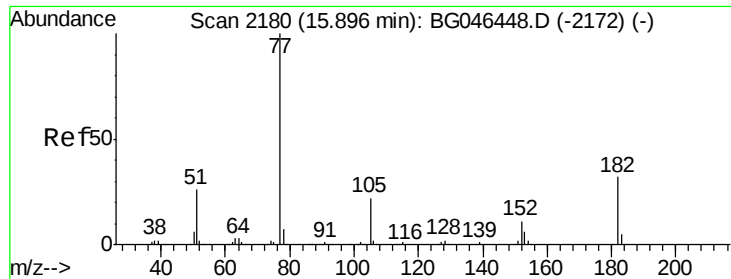
mohammad
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#62
4-Nitroaniline
Concen: 35.504 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	25.3	65.3
108	66.1	46.7	86.7





#63

Azobenzene

Concen: 36.730 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

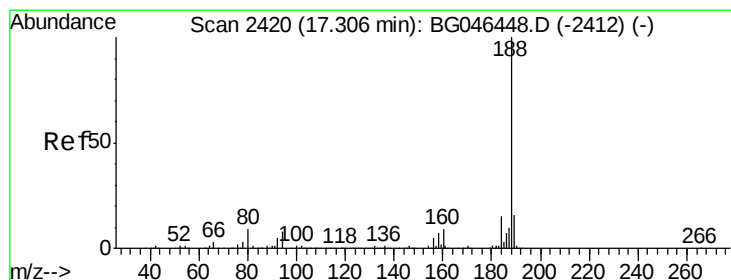
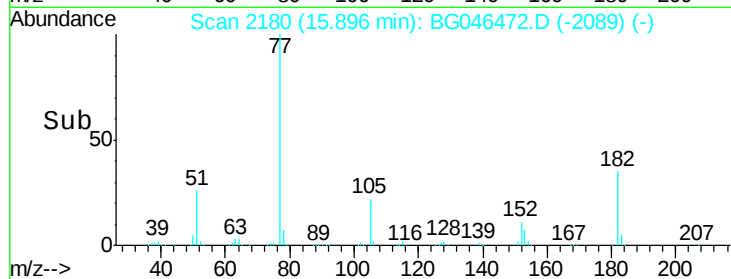
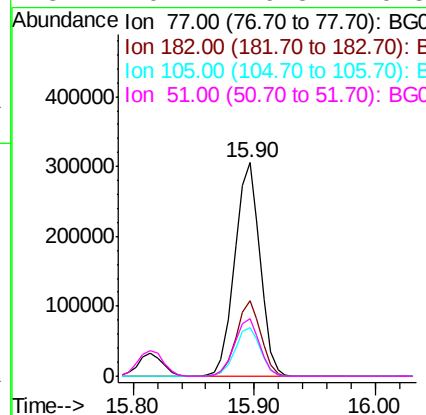
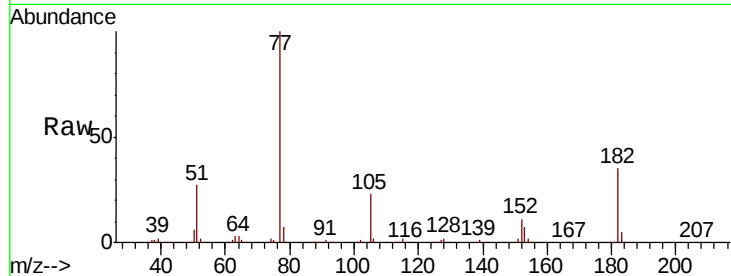
ClientSampleID :

PB131309BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		443021		
182	35.3	12.3	52.3		
105	22.9	2.3	42.3		
51	26.7	6.5	46.5		

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#64

Phenanthrene-d10

Concen: 20.000 ng

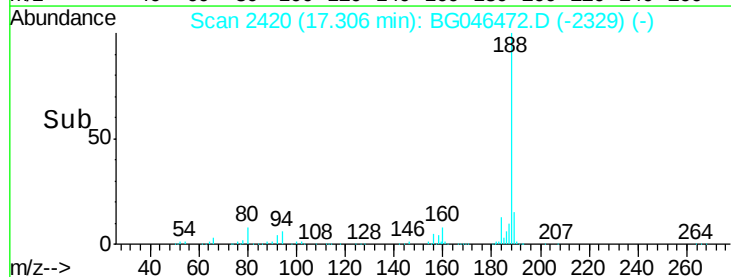
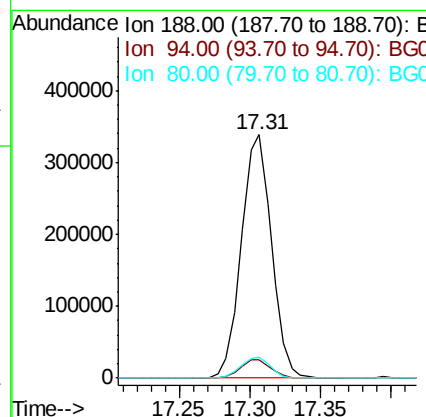
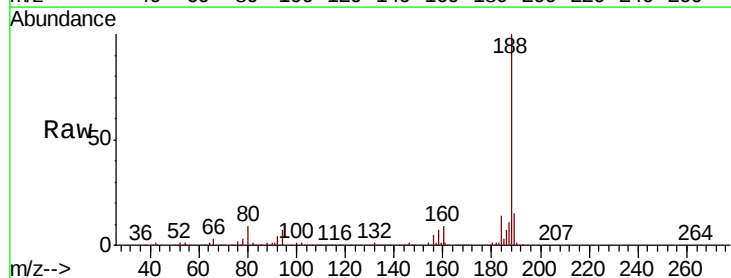
RT: 17.31 min Scan# 2420

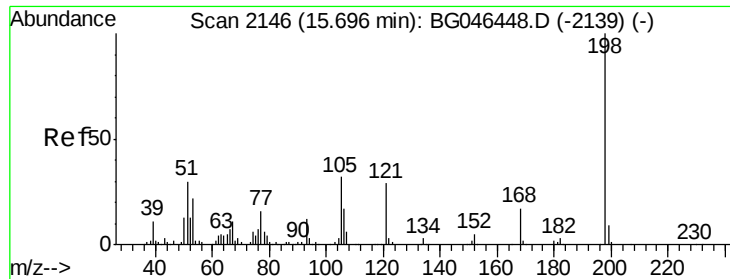
Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		504112		
94	7.3	6.3	9.5		
80	8.7	6.9	10.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 39.948 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

Tot Ion:198 Resp: 113985

Ion Ratio Lower Upper

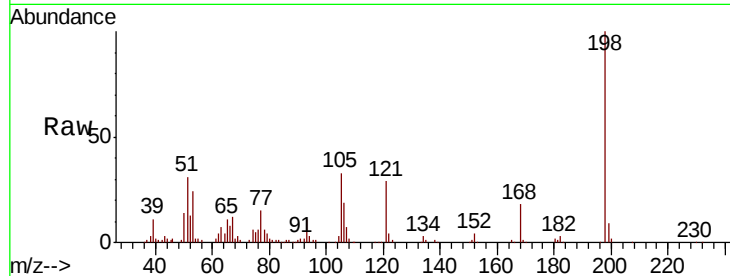
198 100

51 30.8 10.4 50.4

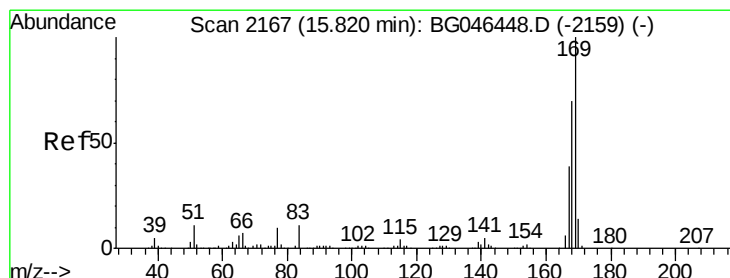
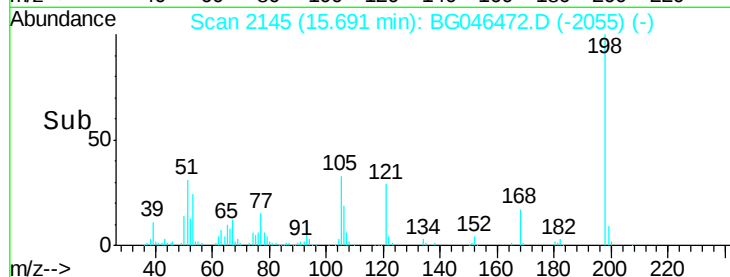
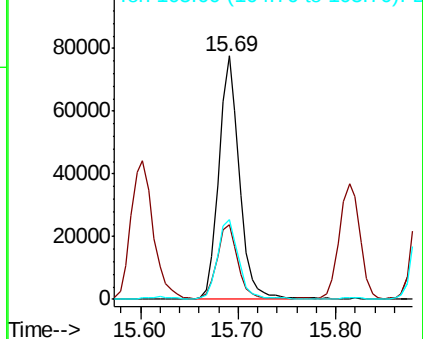
105 32.6 12.4 52.4

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



#66

n-Nitrosodiphenylamine

Concen: 36.552 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion:169 Resp: 497099

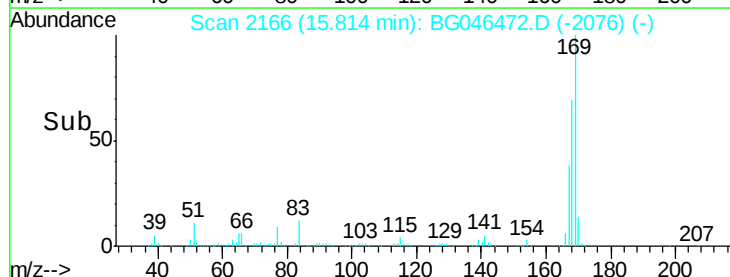
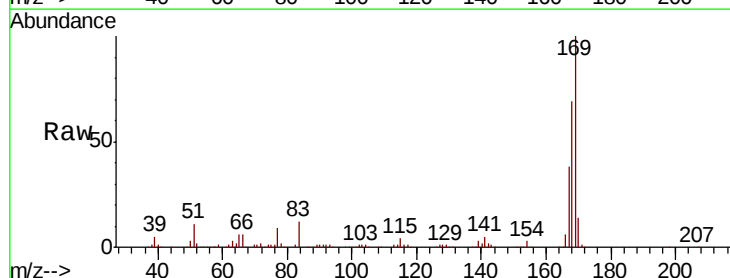
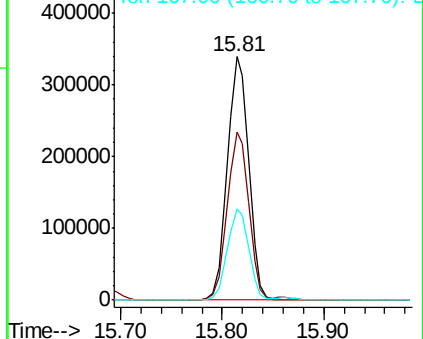
Ion Ratio Lower Upper

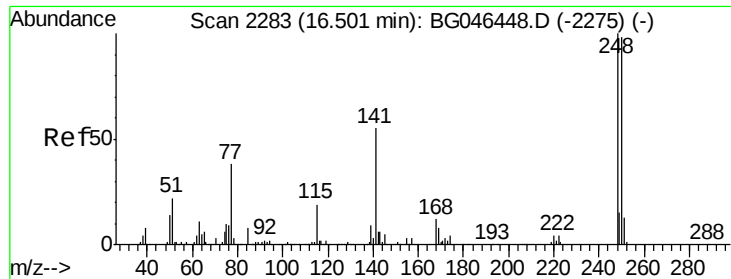
169 100

168 68.9 55.8 83.8

167 37.5 31.0 46.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 34.997 ng

RT: 16.50 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

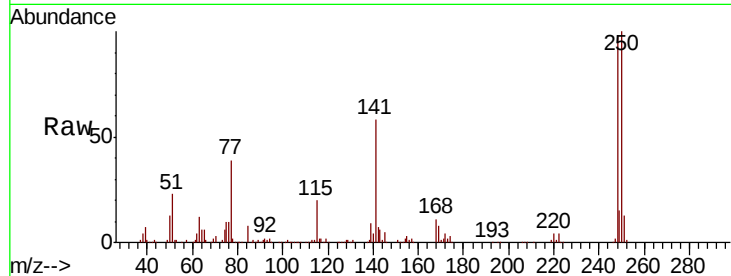
ClientSampleId :

PB131309BS

Tot Ion:	248	Resp:	205827
Ion Ratio	Lower	Upper	
248	100		
250	101.9	78.6	118.0
141	58.6	43.9	65.9

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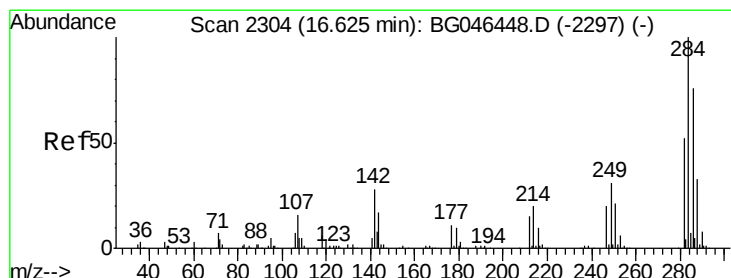
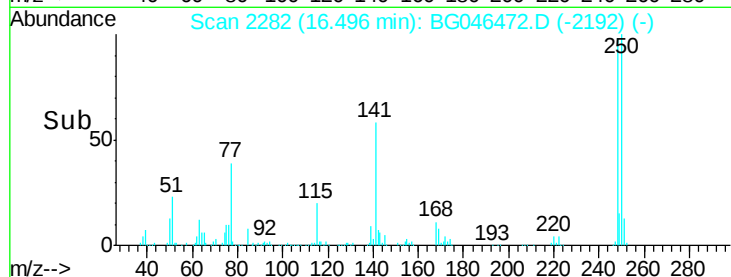
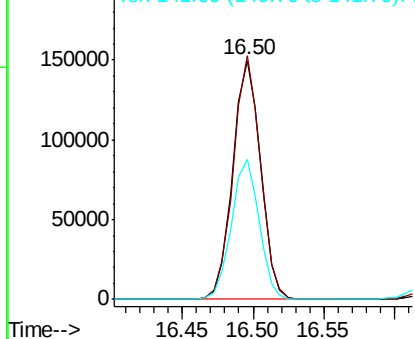


Abundance

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: 34.364 ng

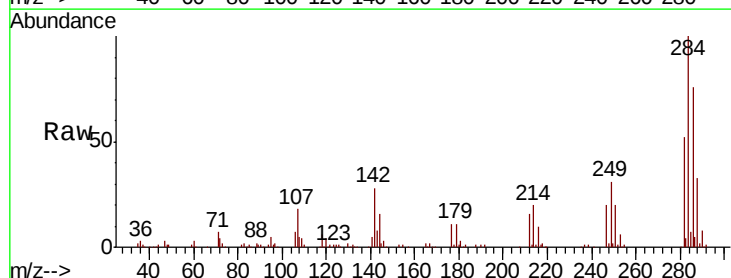
RT: 16.62 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion:	284	Resp:	223830
Ion Ratio	Lower	Upper	
284	100		
142	28.5	22.3	33.5
249	31.0	24.8	37.2

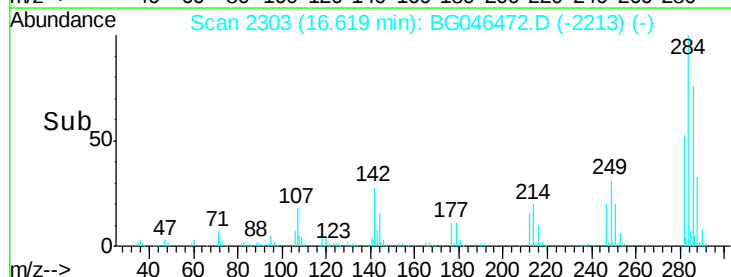
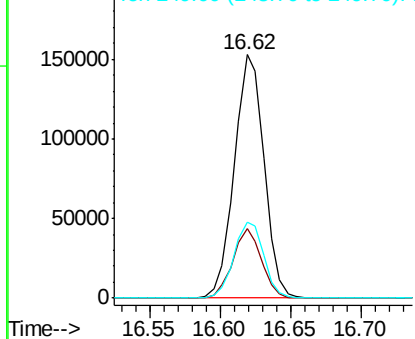


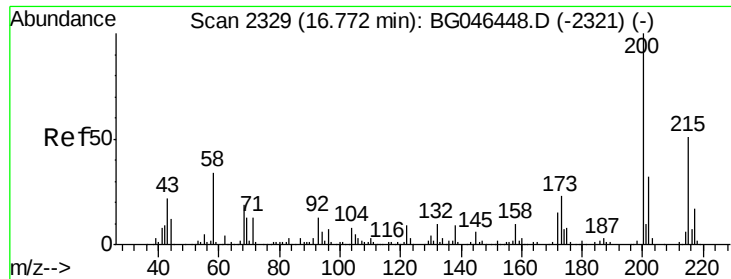
Abundance

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





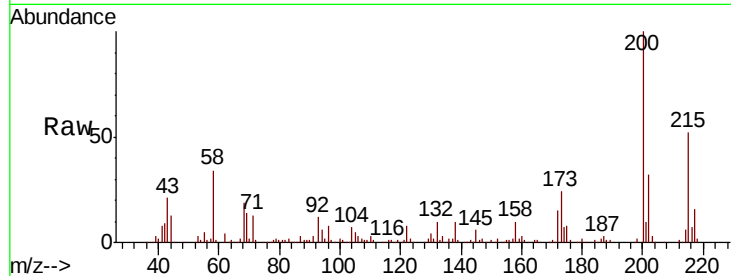
#69
Atrazine
Concen: 33.978 ng
RT: 16.77 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

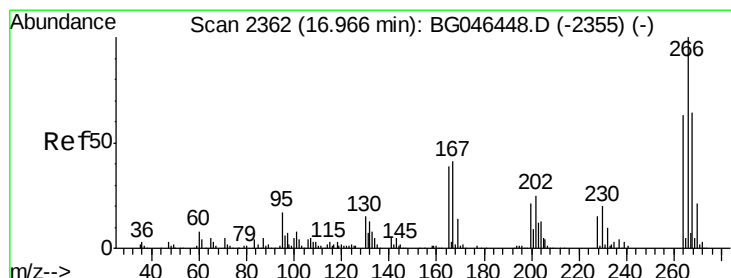
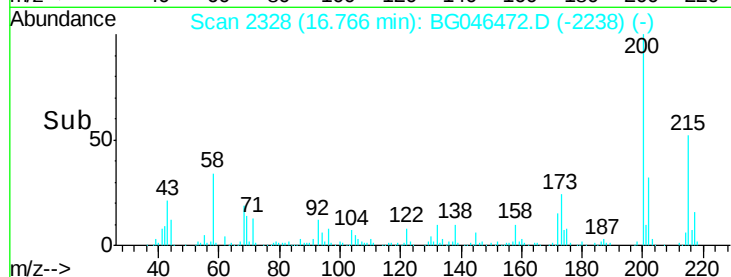
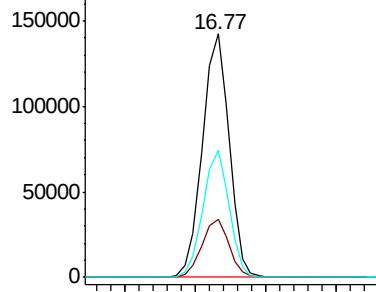
Tot Ion	Ratio	Resp	Lower	Upper
200	100	188511		
173	23.7	3.3	43.3	
215	52.1	30.9	70.9	

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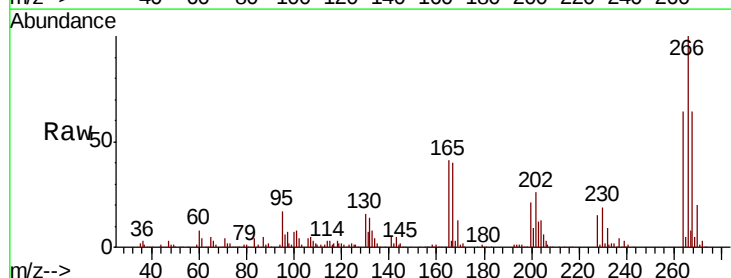


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

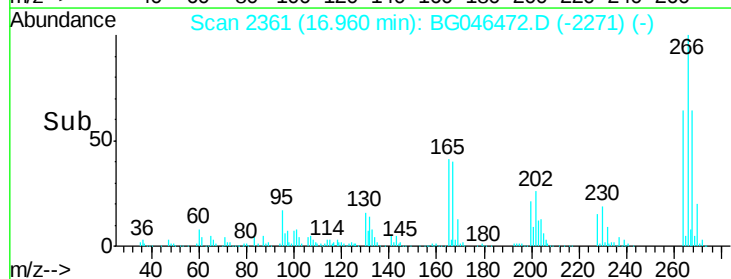
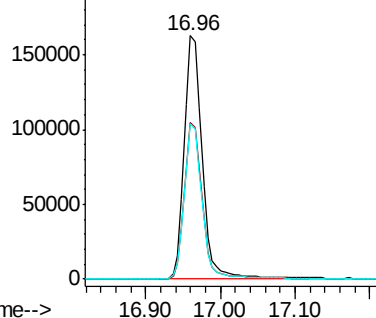


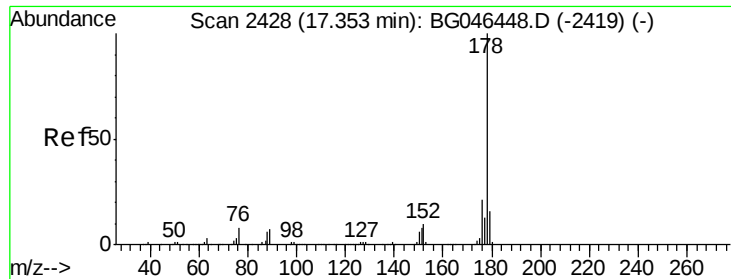
#70
Pentachlorophenol
Concen: 80.611 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	274332		
268	64.5	51.1	76.7	
264	63.7	50.2	75.2	



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





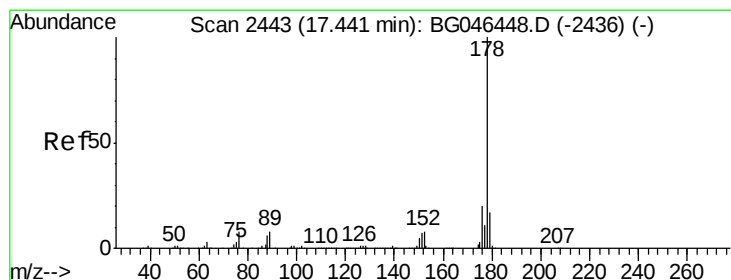
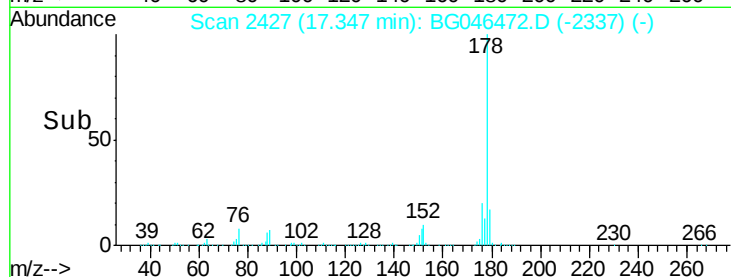
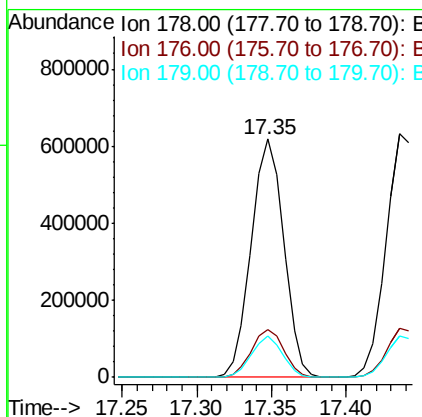
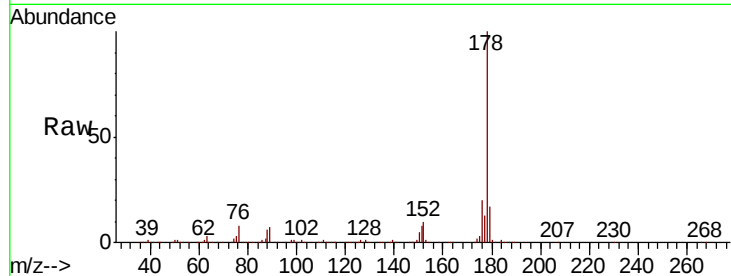
#71
Phenanthrene
Concen: 36.526 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.8	25.2
179	17.2	13.2	19.8

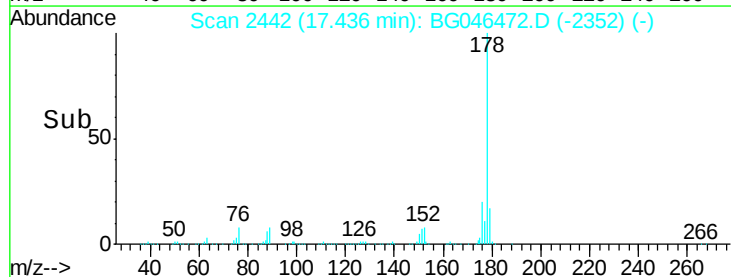
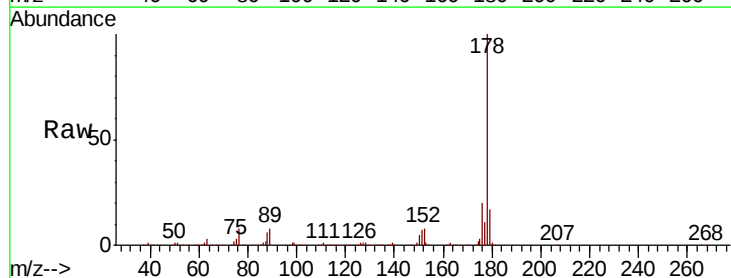
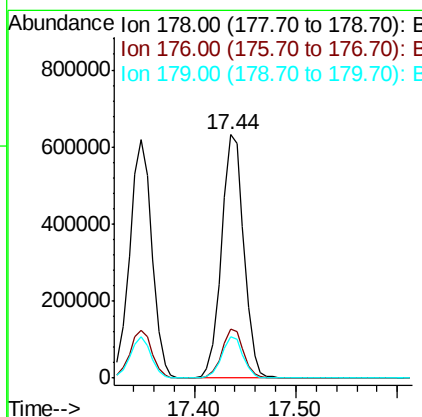
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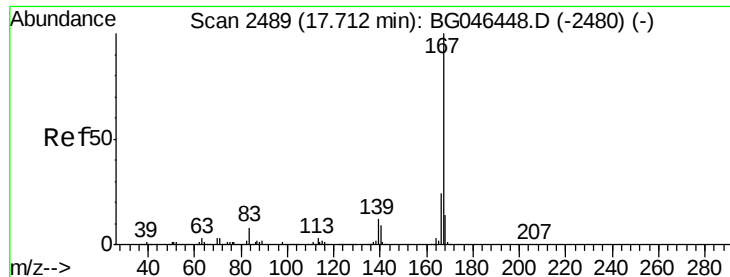
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#72
Anthracene
Concen: 38.219 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	17.0	13.3	19.9





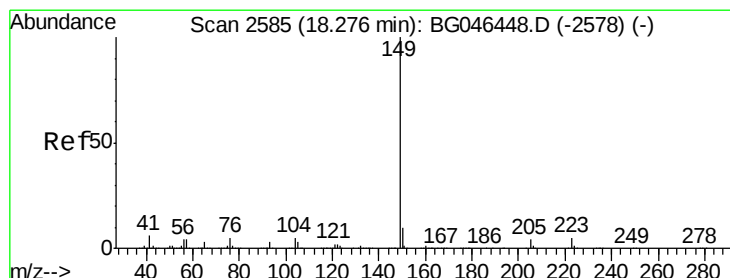
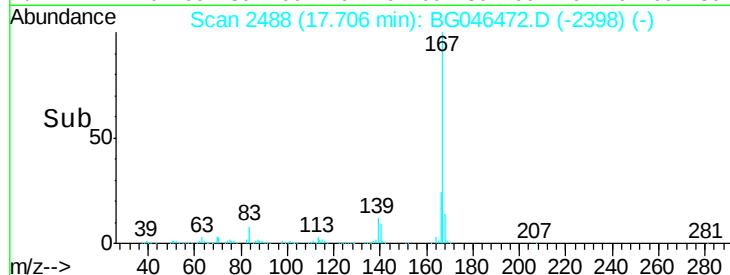
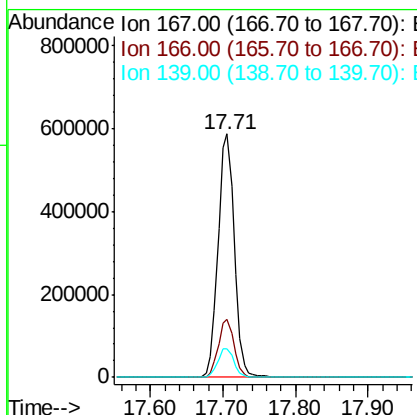
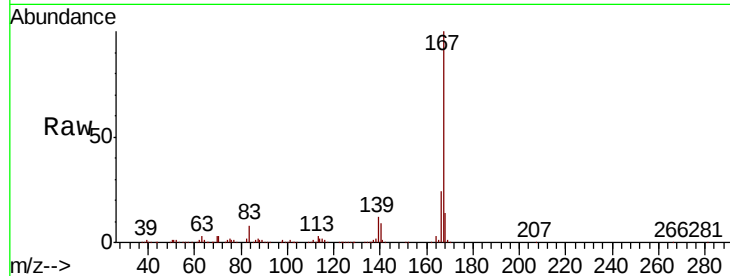
#73
 Carbazole
 Concen: 38.688 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.3	28.9
139	11.9	9.7	14.5

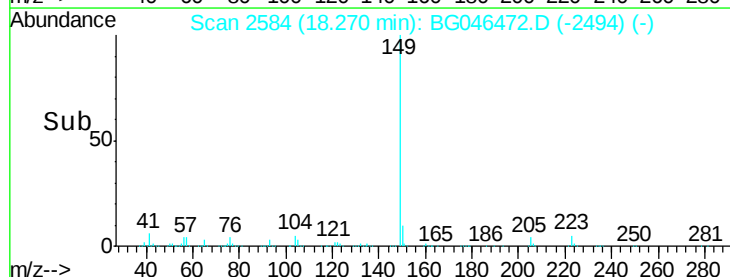
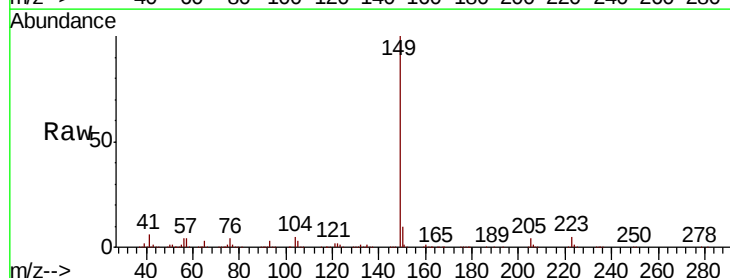
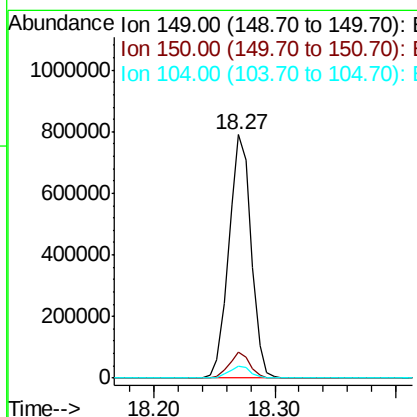
Manual Integrations
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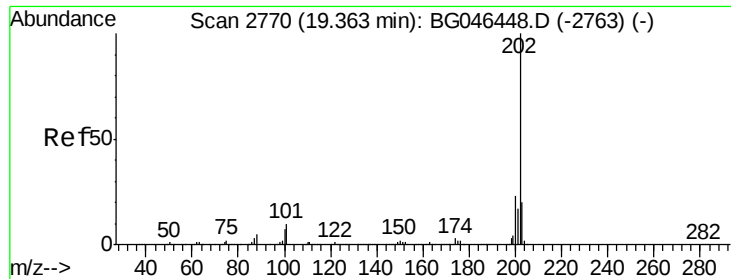
mohammad
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#74
 Di-n-butylphthalate
 Concen: 36.987 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.1	12.1
104	4.8	4.0	6.0





#75

Fluoranthene

Concen: 39.007 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

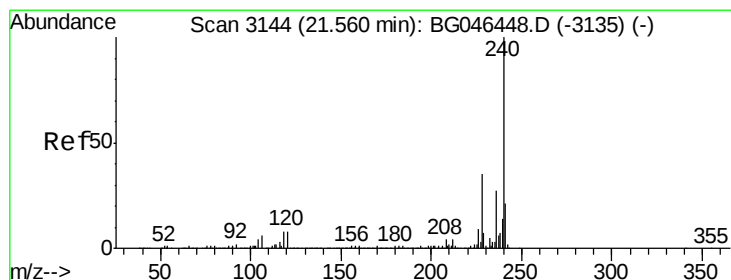
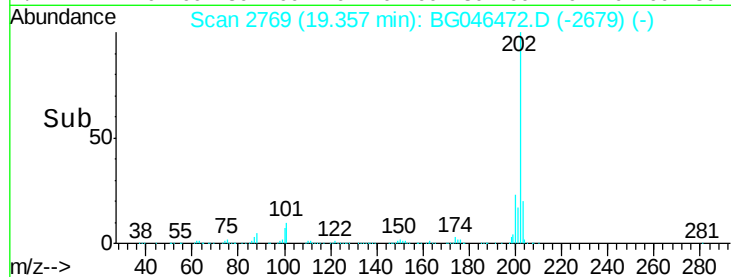
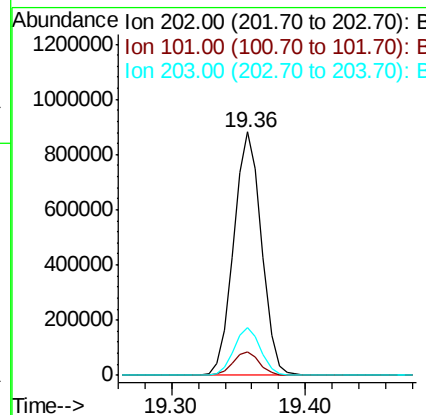
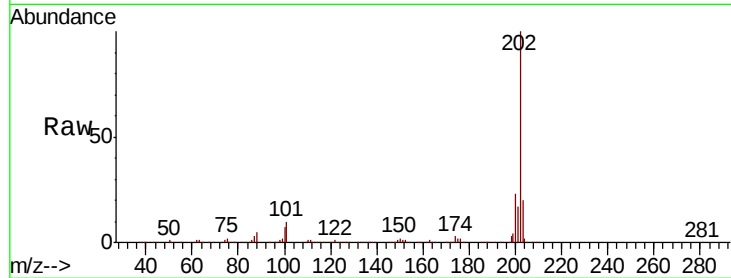
ClientSampleId :

PB131309BS

Tot Ion:	202	Resp:	1282643
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.9
203	19.8	0.0	40.0

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#76

Chrysene-d12

Concen: 20.000 ng

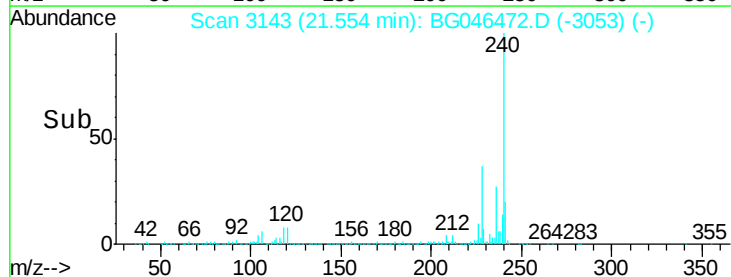
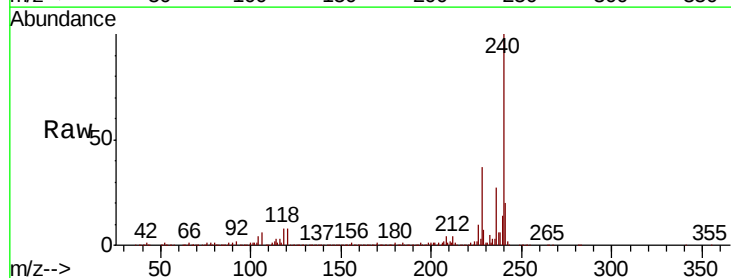
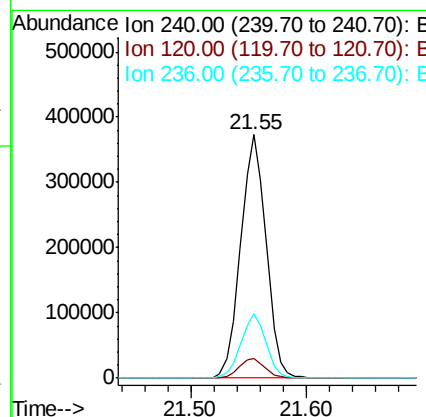
RT: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion:	240	Resp:	568785
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.6	10.0
236	26.6	21.4	32.2





#77

Benzidine

Concen: 41.101 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

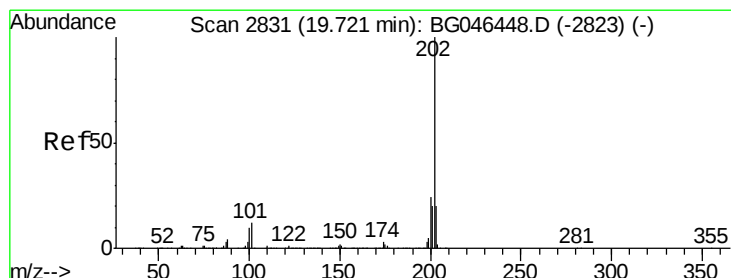
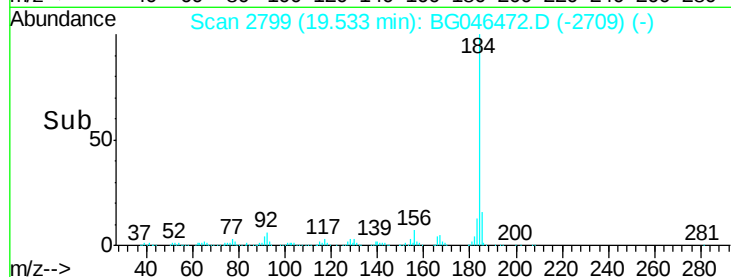
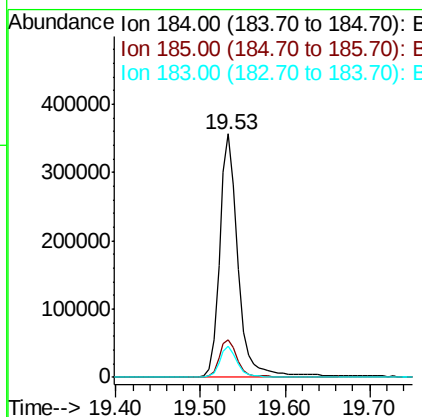
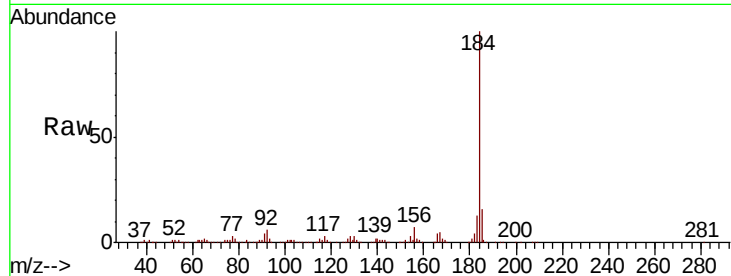
ClientSampleId :

PB131309BS

Tot Ion:	184	Resp:	543227
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.8	17.8
183	12.9	10.7	16.1

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#78

Pyrene

Concen: 35.867 ng

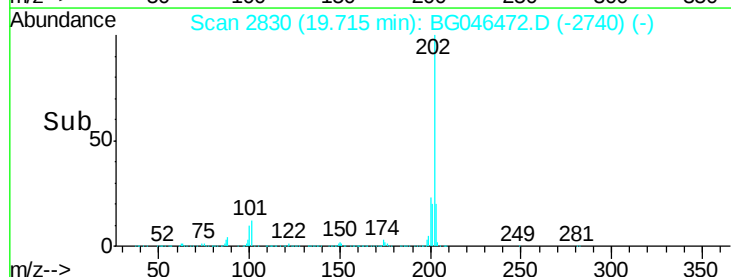
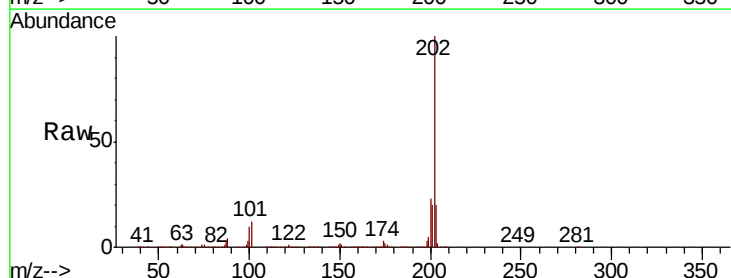
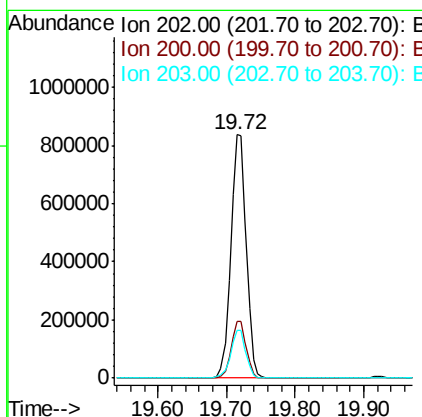
RT: 19.72 min Scan# 2830

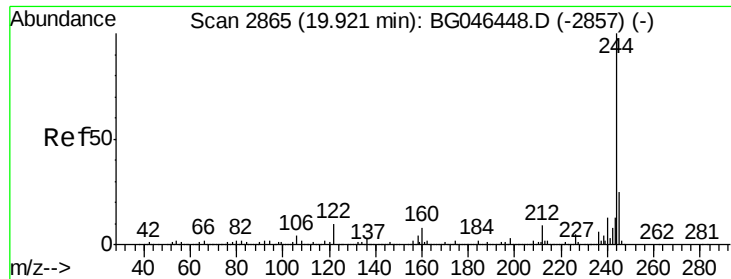
Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion:	202	Resp:	1299075
Ion Ratio	Lower	Upper	
202	100		
200	23.3	18.9	28.3
203	19.7	16.1	24.1





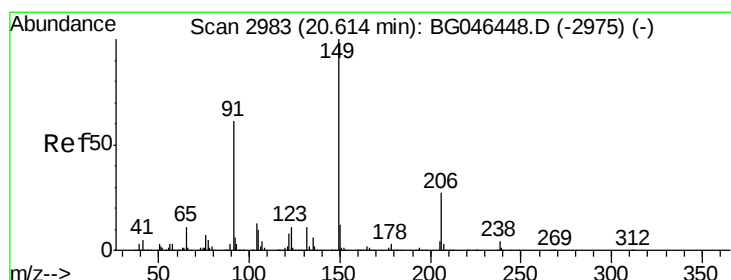
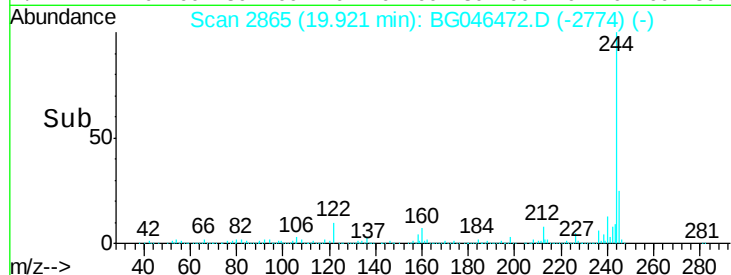
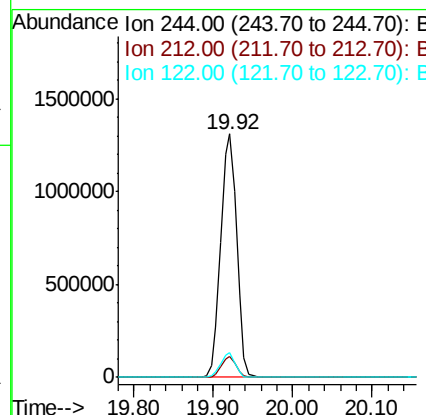
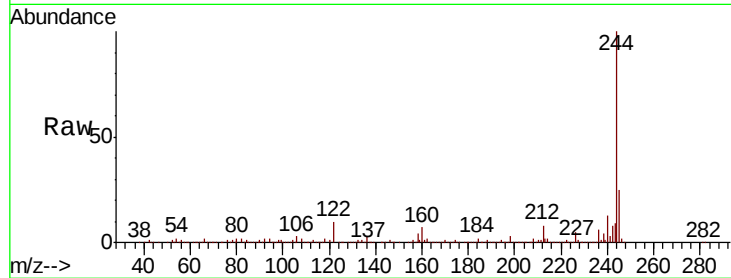
#79
 Terphenyl-d14
 Concen: 68.288 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	9.9	8.2	12.4

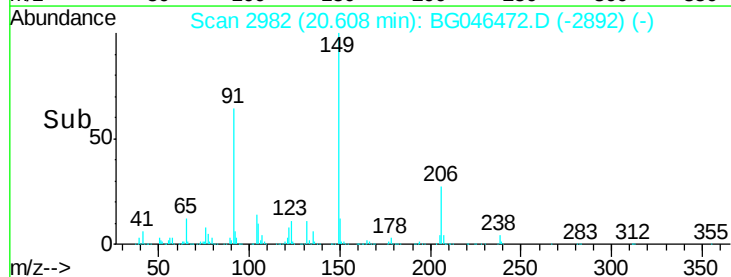
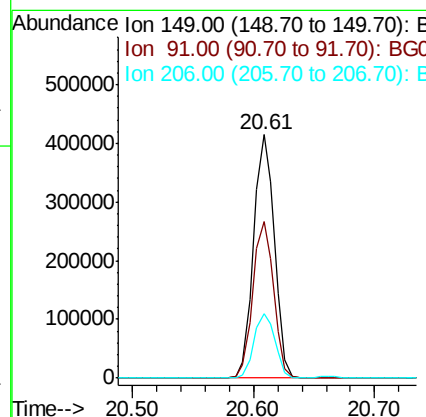
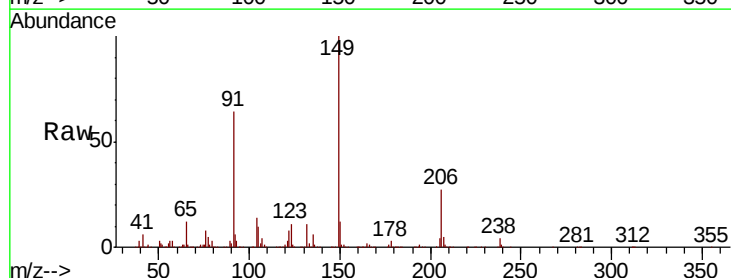
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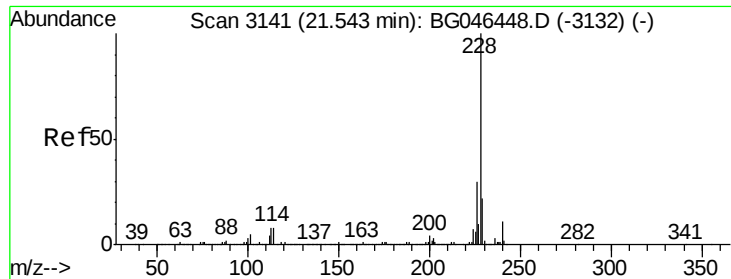
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#80
 Butylbenzylphthalate
 Concen: 35.493 ng
 RT: 20.61 min Scan# 2982
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.3	49.1	73.7
206	26.6	21.9	32.9





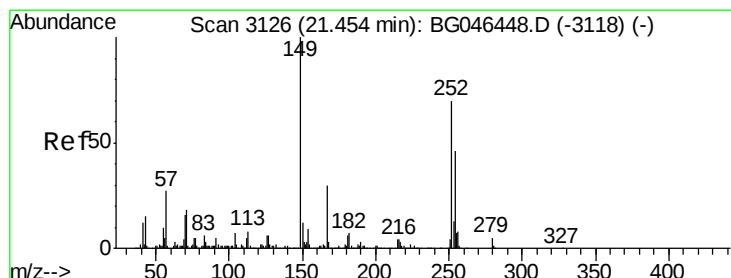
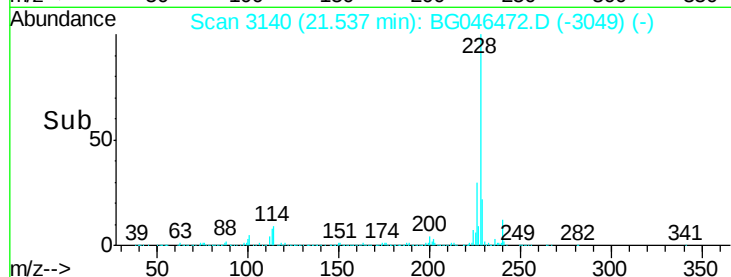
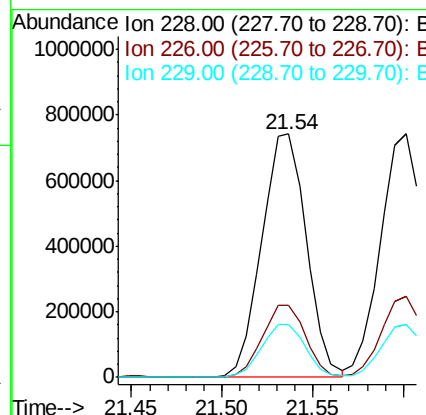
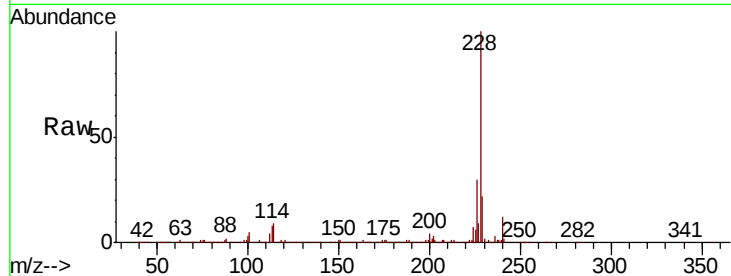
#81
Benzo(a)anthracene
Concen: 35.896 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	21.9	17.4	26.2

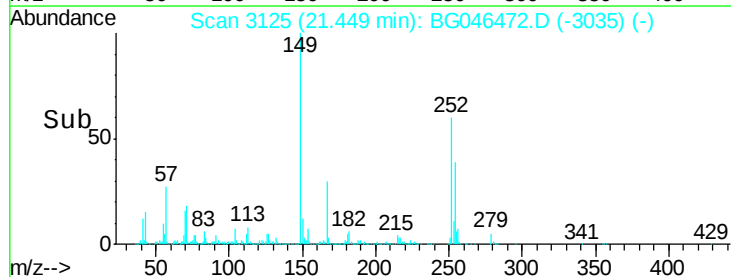
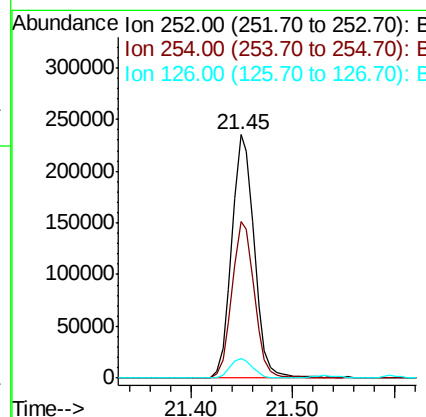
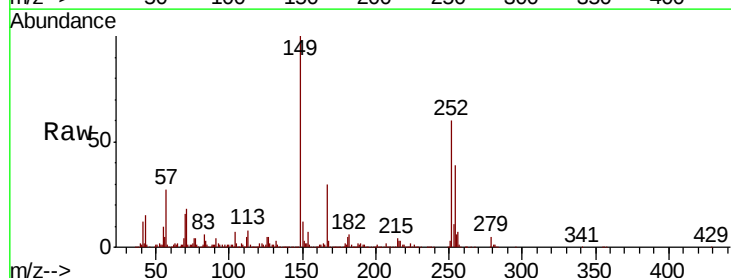
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#82
3,3'-Dichlorobenzidine
Concen: 27.629 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.9	77.9
126	8.2	7.4	11.0





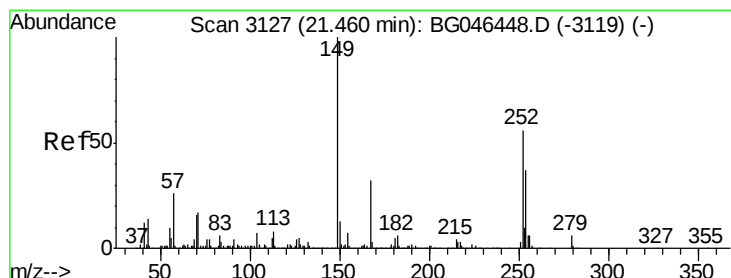
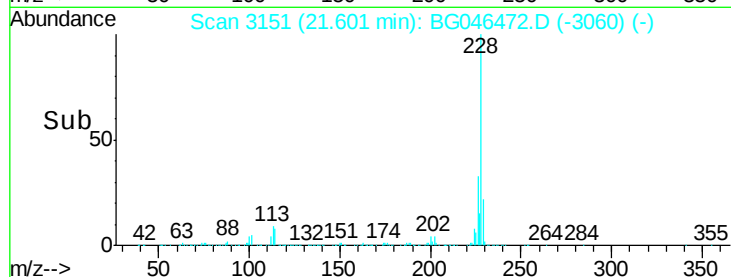
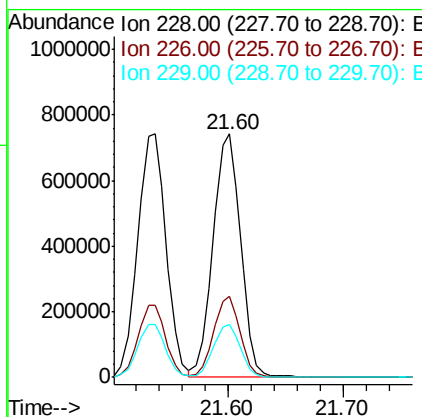
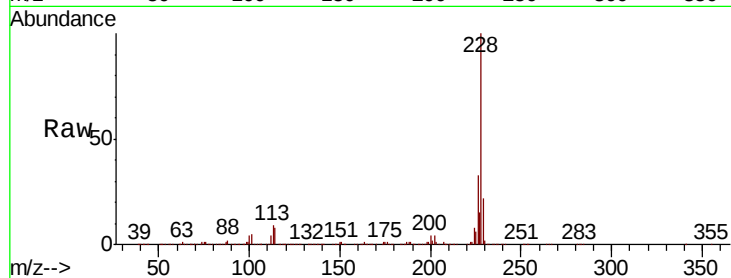
#83
 Chrvsene
 Concen: 35.830 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.2	39.4
229	21.9	17.9	26.9

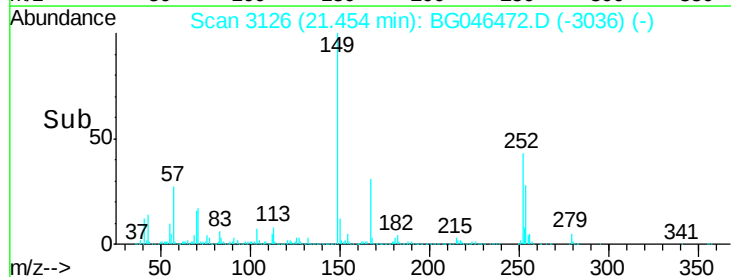
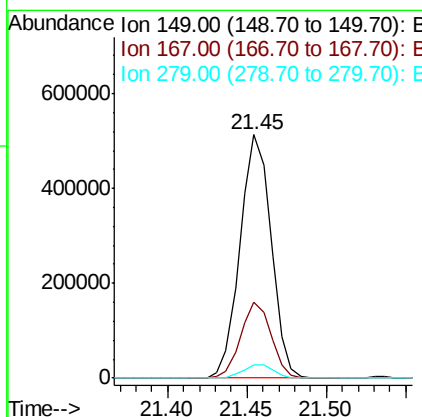
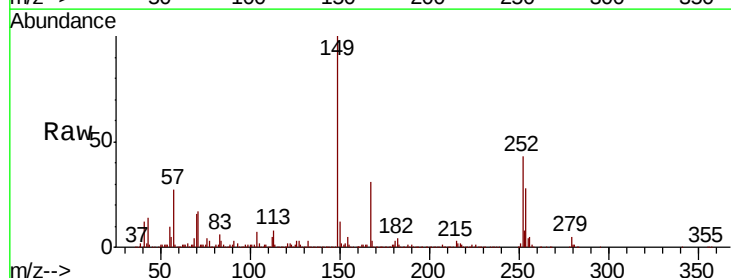
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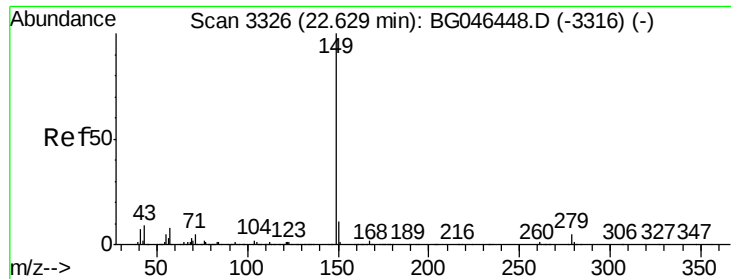
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.179 ng
 RT: 21.45 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.2	25.4	38.2
279	5.4	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 36.676 ng

RT: 22.63 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

Tot Ion:149 Resp: 1210766

Ion Ratio Lower Upper

149 100

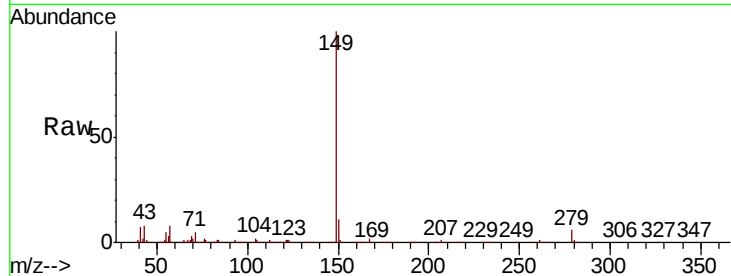
167 1.8 1.5 2.3

43 8.4 7.0 10.4

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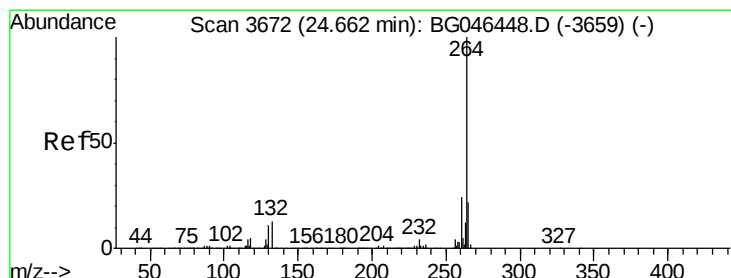
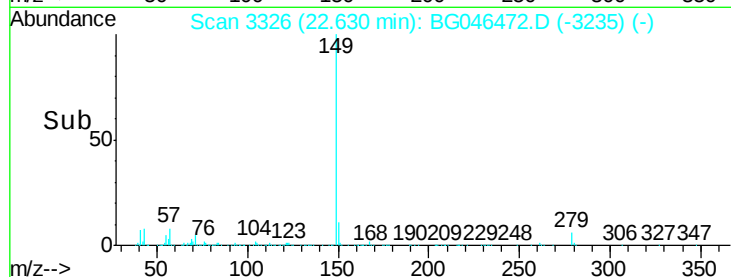
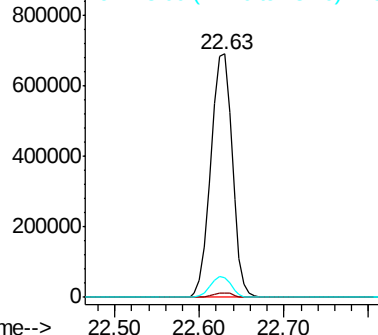
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

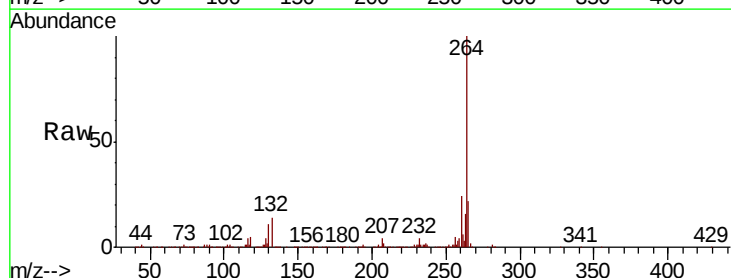
Tgt Ion:264 Resp: 556396

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

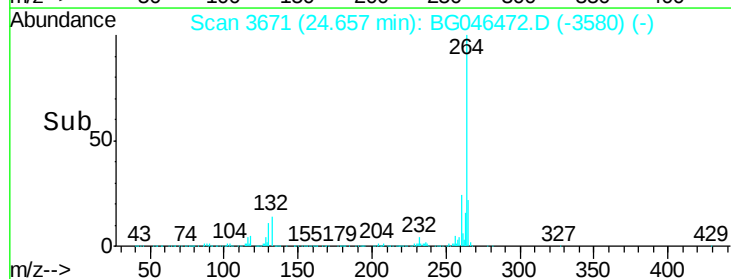
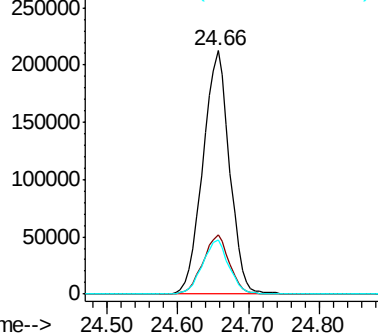
265 22.4 17.9 26.9

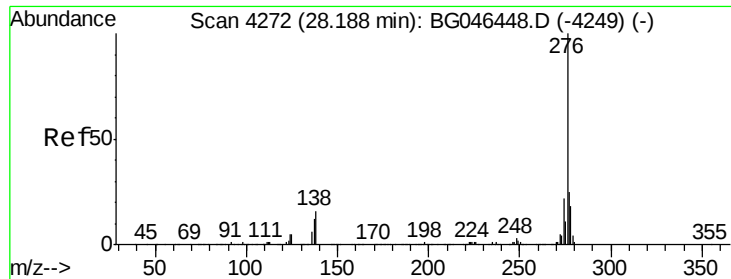


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





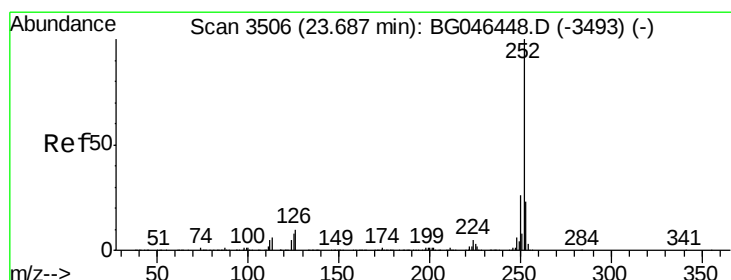
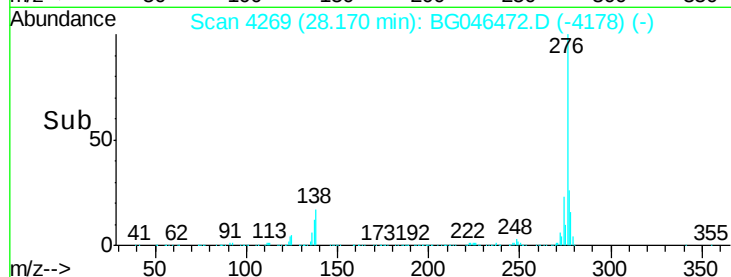
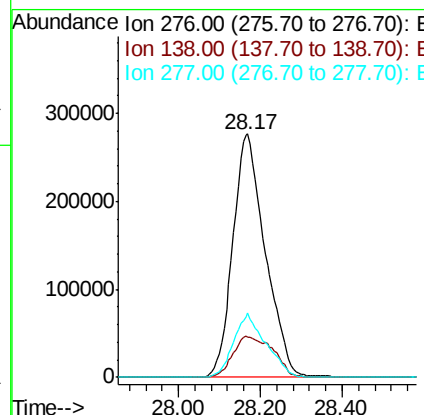
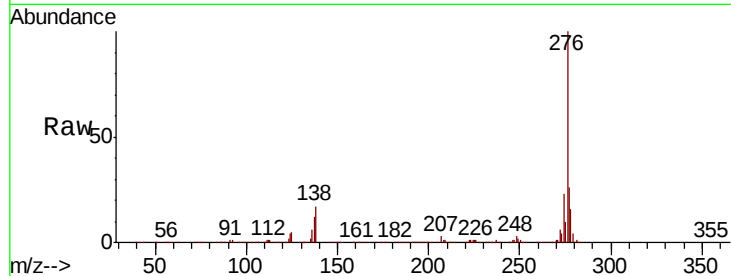
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.165 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.5	24.7
277	25.9	20.7	31.1

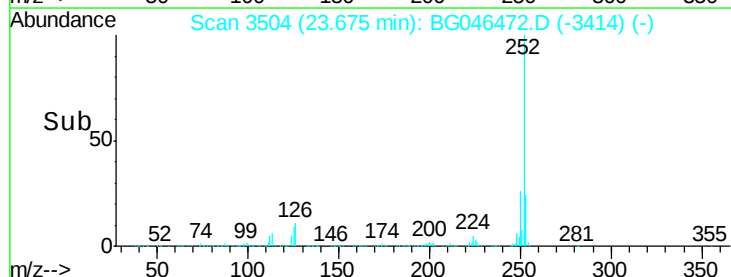
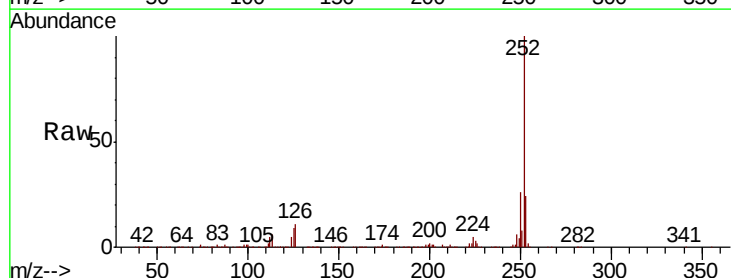
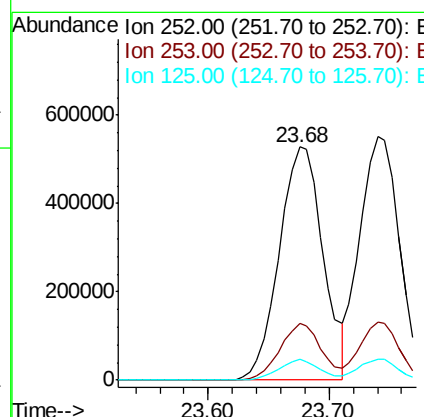
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#88
 Benzo(b)fluoranthene
 Concen: 38.218 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	8.9	6.2	9.2





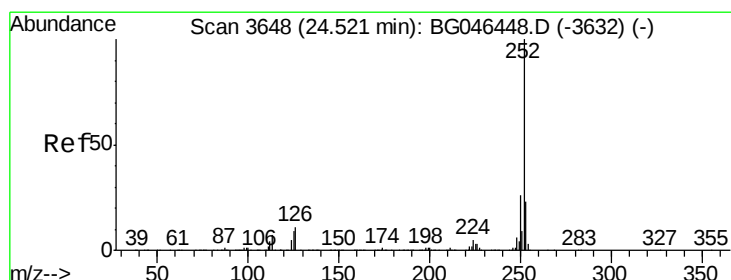
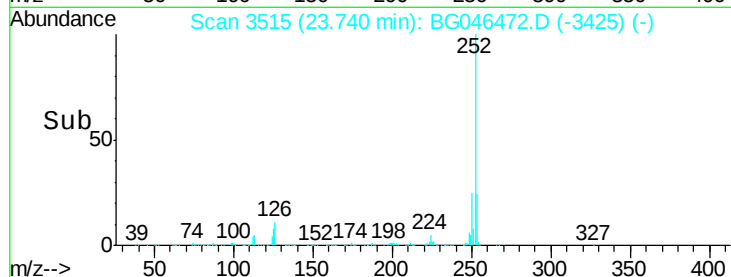
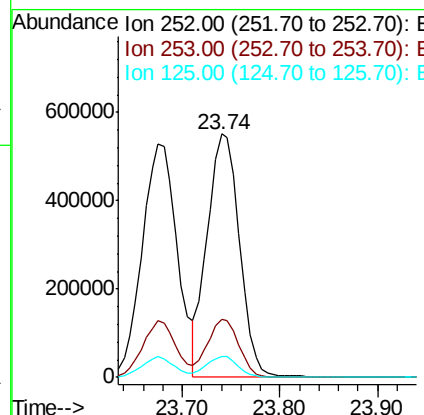
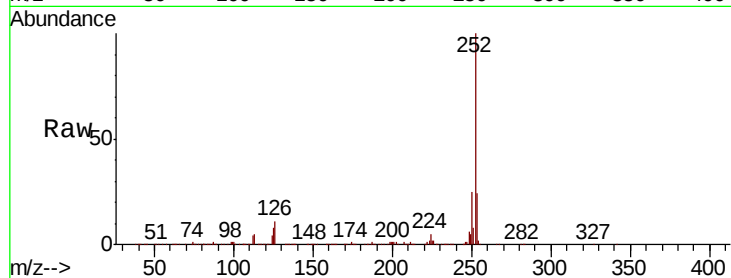
#89
Benzo(k)fluoranthene
Concen: 37.502 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion:252 Resp: 1259199
Ion Ratio Lower Upper
252 100
253 23.8 18.5 27.7
125 8.4 6.8 10.2

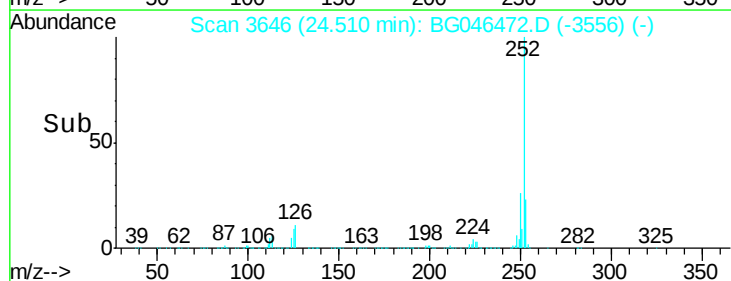
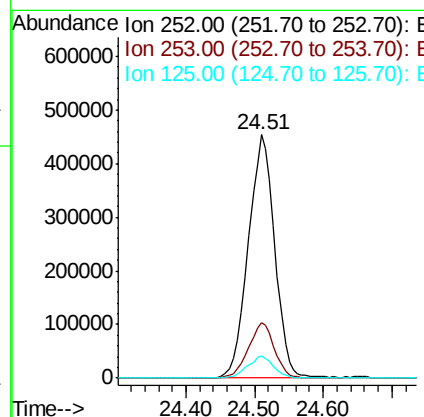
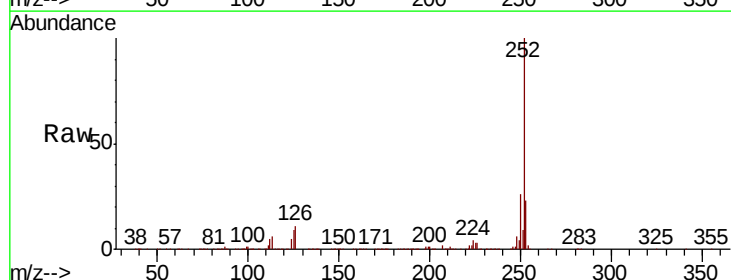
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#90
Benzo(a)pyrene
Concen: 37.499 ng
RT: 24.51 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion:252 Resp: 1215794
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 8.9 7.4 11.0





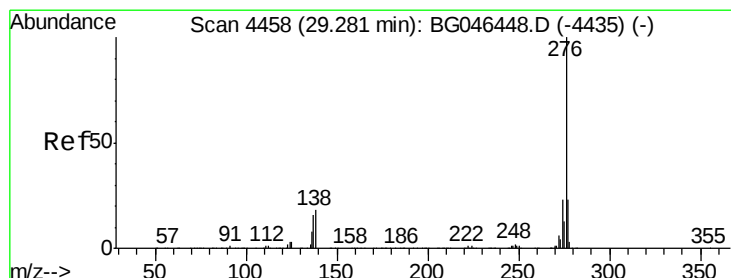
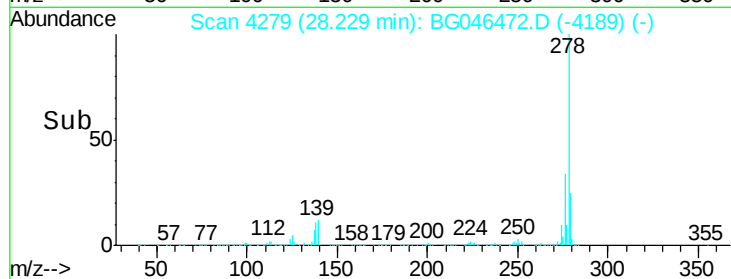
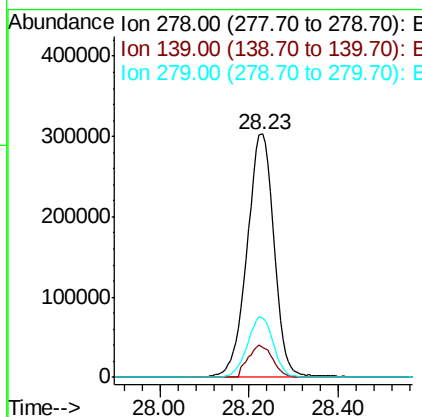
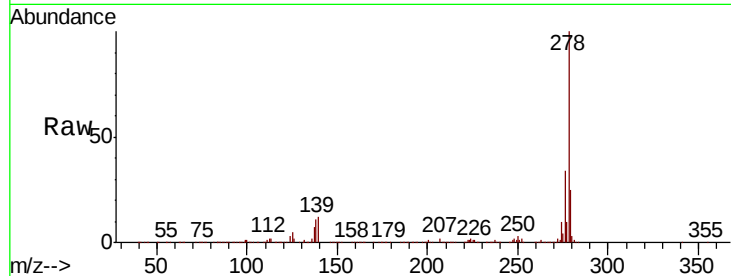
#91
Dibenzo(a,h)anthracene
Concen: 38.952 ng
RT: 28.23 min Scan# 4279
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.5	11.2	16.8
279	24.6	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 40.140 ng
RT: 29.27 min Scan# 4456
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.7	28.1
138	17.3	14.7	22.1

