

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
 Data File : BG046031.D
 Acq On : 14 Jul 2020 13:46
 Operator : CG/JU
 Sample : PB130179BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

Manual Integrations
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mohammad
 7/15/2020 11:01:26 AM

Quant Time: Jul 14 14:35:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	126952	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	516195	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	312166	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	668915	20.00	ng	0.00
76) Chrysene-d12	21.63	240	595680	20.00	ng	0.00
86) Perylene-d12	24.78	264	605477	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	897427	114.64	ng	0.00
7) Phenol-d6	7.18	99	1210918	107.44	ng	0.01
23) Nitrobenzene-d5	9.16	82	752762	83.94	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	331244	114.33	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1383098	69.11	ng	0.00
79) Terphenyl-d14	19.98	244	1791165	66.92	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.50	88	142010	39.319	ng	96
3) Pyridine	3.89	79	421033	38.553	ng	97
4) n-Nitrosodimethylamine	3.81	42	179179	48.521	ng	# 99
6) Aniline	7.32	93	489938	33.980	ng	98
8) 2-Chlorophenol	7.57	128	411410	48.819	ng	98
9) Benzaldehyde	7.13	77	144051	20.173	ng	98
10) Phenol	7.20	94	547931	48.464	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	407375	43.574	ng	98
12) 1,3-Dichlorobenzene	7.89	146	417129	42.943	ng	97
13) 1,4-Dichlorobenzene	8.04	146	420475	44.004	ng	96
14) 1,2-Dichlorobenzene	8.36	146	406611	44.214	ng	96
15) Benzyl Alcohol	8.24	79	395154	44.714	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	536755	44.004	ng	97
17) 2-Methylphenol	8.44	107	365405	43.073	ng	97
18) Hexachloroethane	9.09	117	159013	43.249	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	345887	43.685	ng	99
20) 3+4-Methylphenols	8.77	107	500979	43.330	ng	99
22) Acetophenone	8.82	105	582016	42.205	ng	# 98
24) Nitrobenzene	9.20	77	490078	49.510	ng	99
25) Isophorone	9.73	82	905363	41.353	ng	99
26) 2-Nitrophenol	9.91	139	196619	60.941	ng	99
27) 2,4-Dimethylphenol	9.98	122	362433	46.508	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	540099	43.931	ng	97
29) 2,4-Dichlorophenol	10.45	162	367516	45.557	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	369878	41.380	ng	99
31) Naphthalene	10.85	128	1160880	41.951	ng	99
32) Benzoic acid	10.12	122	263728	54.408	ng	95
33) 4-Chloroaniline	10.95	127	262042	21.191	ng	96
34) Hexachlorobutadiene	11.15	225	206328	39.534	ng	99
35) Caprolactam	11.73	113	148421m	48.458	ng	
36) 4-Chloro-3-methylphenol	12.08	107	430008	46.800	ng	98
37) 2-Methylnaphthalene	12.46	142	848141	43.116	ng	99
38) 1-Methylnaphthalene	12.67	142	812987	43.793	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	358873	40.782	ng	97

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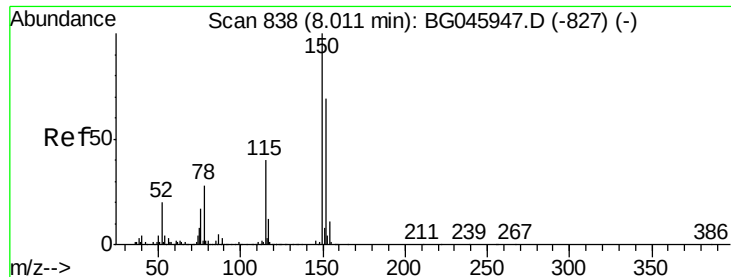
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
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 QLast Update : Mon Jul 13 10:58:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	484757	92.840	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	284136	47.744	nq	97
44) 2,4,5-Trichlorophenol	13.14	196	300957	44.726	nq	98
46) 1,1'-Biphenyl	13.46	154	1007022	42.883	nq	99
47) 2-Chloronaphthalene	13.50	162	773874	41.767	nq	98
48) 2-Nitroaniline	13.70	65	298074	56.726	nq	98
49) Acenaphthylene	14.35	152	1281320	42.862	nq	99
50) Dimethylphthalate	14.08	163	1021912	43.621	nq	99
51) 2,6-Dinitrotoluene	14.19	165	228121	53.997	nq	97
52) Acenaphthene	14.69	154	905874	48.042	nq	98
53) 3-Nitroaniline	14.52	138	174373	34.790	nq	# 91
54) 2,4-Dinitrophenol	14.72	184	203682	126.124	nq	# 86
55) Dibenzofuran	15.02	168	1181109	42.732	nq	98
56) 4-Nitrophenol	14.84	139	448701	117.560	nq	99
57) 2,4-Dinitrotoluene	14.98	165	320048	58.566	nq	95
58) Fluorene	15.68	166	982089	43.313	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	269329m	51.842	nq	
60) Diethylphthalate	15.45	149	1065632	43.373	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	465259	41.244	nq	97
62) 4-Nitroaniline	15.69	138	268606	55.475	nq	94
63) Azobenzene	15.96	77	1190836	45.159	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	147314	61.703	nq	96
66) n-Nitrosodiphenylamine	15.88	169	904403	43.631	nq	100
67) 4-Bromophenyl-phenylether	16.56	248	306978	41.090	nq	99
68) Hexachlorobenzene	16.68	284	312901	41.738	nq	98
69) Atrazine	16.83	200	303887	49.585	nq	96
70) Pentachlorophenol	17.02	266	409225	98.179	nq	97
71) Phenanthrene	17.41	178	1539345	43.529	nq	99
72) Anthracene	17.50	178	1581915	44.079	nq	99
73) Carbazole	17.77	167	1542991	42.893	nq	99
74) Di-n-butylphthalate	18.34	149	1839973	42.328	nq	100
75) Fluoranthene	19.42	202	1785125	43.666	nq	98
77) Benzidine	19.59	184	977994	57.421	nq	97
78) Pyrene	19.78	202	1796852	44.191	nq	99
80) Butylbenzylphthalate	20.68	149	889408	46.287	nq	98
81) Benzo(a)anthracene	21.61	228	1647823	42.071	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	451804	31.216	nq	99
83) Chrysene	21.67	228	1607926	43.092	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	1229963	44.097	nq	98
85) Di-n-octyl phthalate	22.74	149	2125244	43.907	nq	100
87) Indeno(1,2,3-cd)pyrene	28.36	276	2006766	45.305	nq	99
88) Benzo(b)fluoranthene	23.79	252	1769927	46.049	nq	98
89) Benzo(k)fluoranthene	23.85	252	1706574	46.957	nq	99
90) Benzo(a)pyrene	24.63	252	1612560	44.616	nq	99
91) Dibenzo(a,h)anthracene	28.43	278	1616044	45.234	nq	99
92) Benzo(g,h,i)perylene	29.47	276	1644173	45.731	nq	99

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



#1

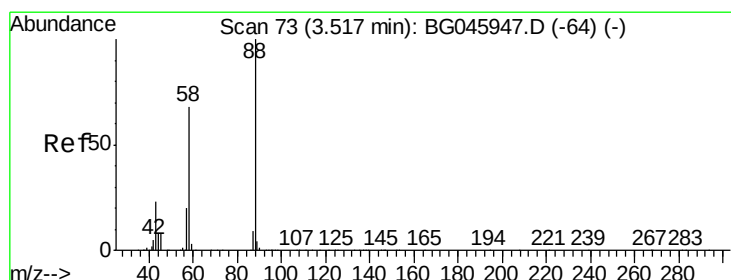
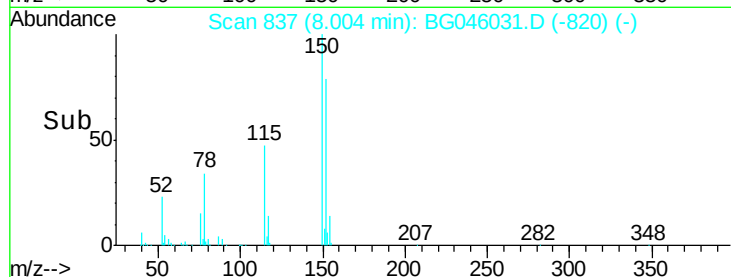
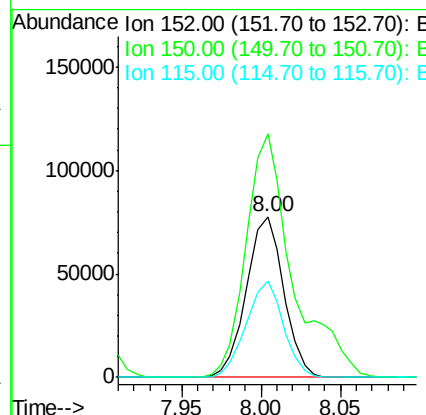
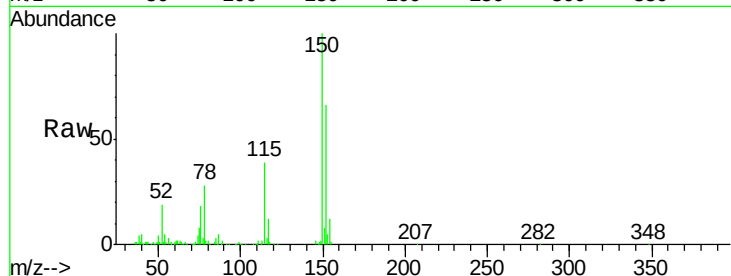
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	116.7	175.1
115	59.6	47.4	71.0

Manual Integrations
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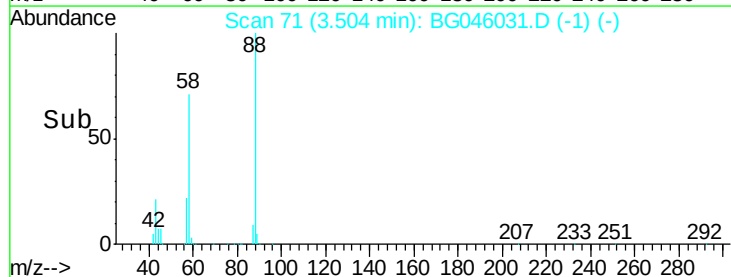
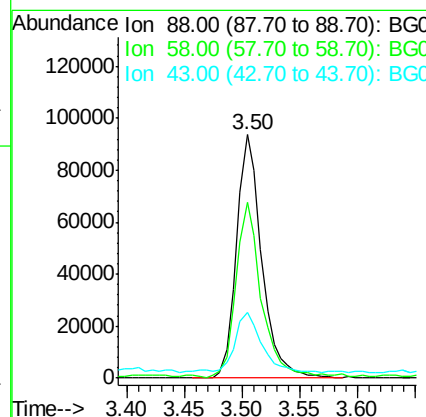
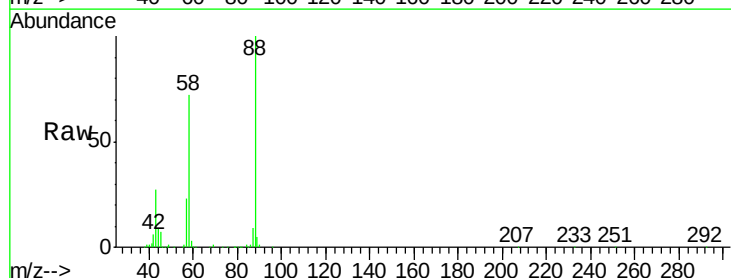
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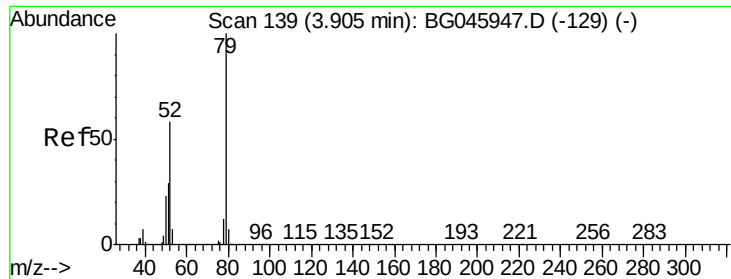


#2

1,4-Dioxane
Concen: 39.319 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	55.2	82.8
43	26.6	19.4	29.0





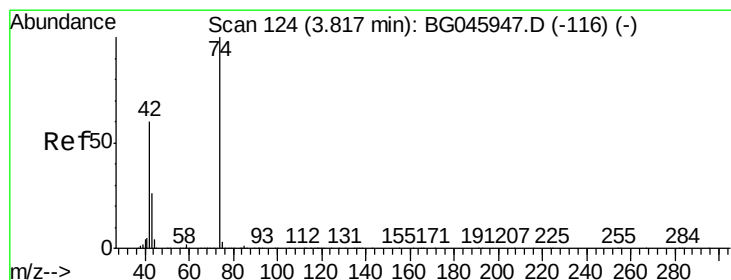
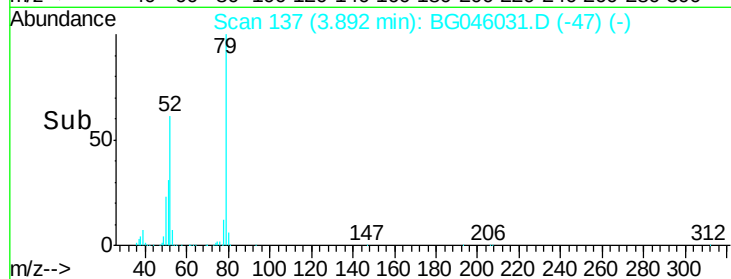
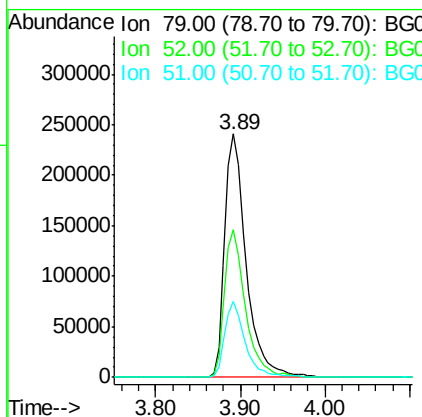
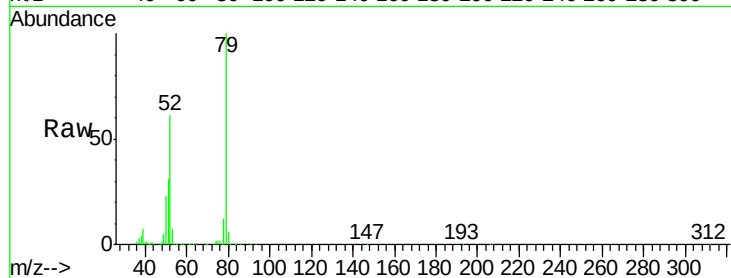
#3
 Pvridine
 Concen: 38.553 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.6	46.5	69.7
51	31.0	23.5	35.3

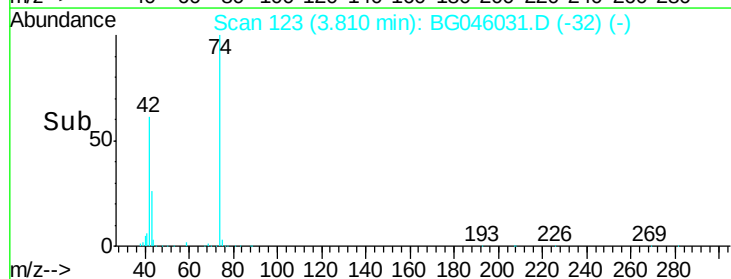
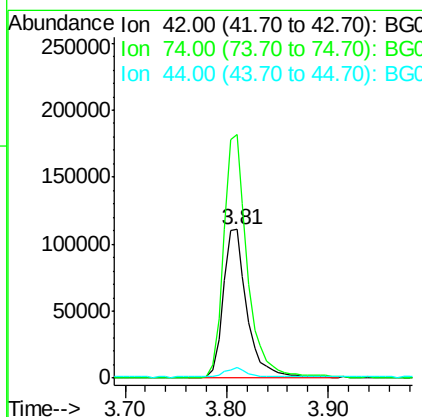
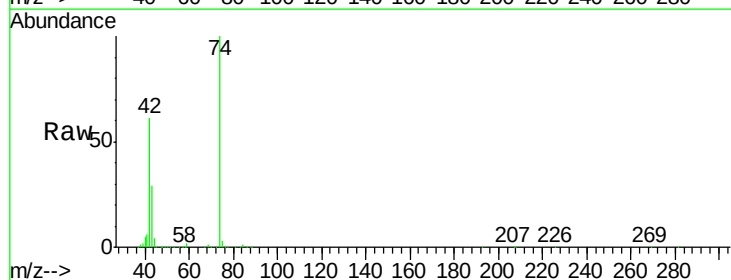
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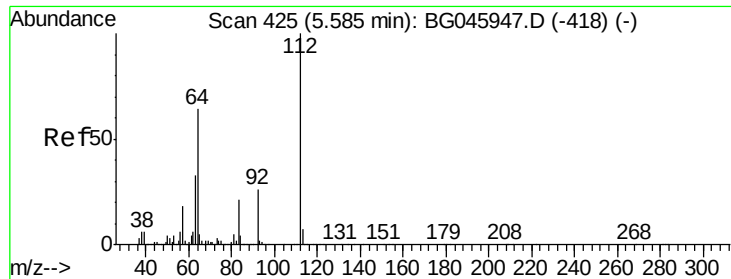
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#4
 n-Nitrosodimethylamine
 Concen: 48.521 ng
 RT: 3.81 min Scan# 123
 Delta R.T. 0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	163.9	131.9	197.9
44	6.8	7.7	11.5#





#5

2-Fluorophenol

Concen: 114.636 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

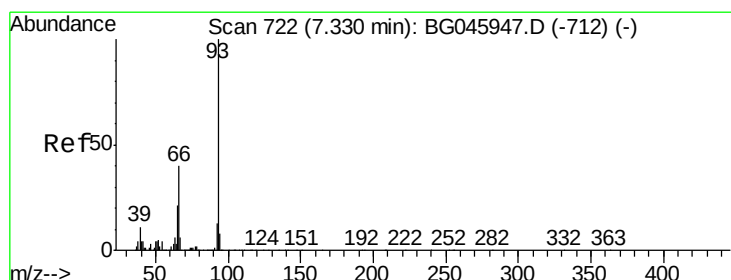
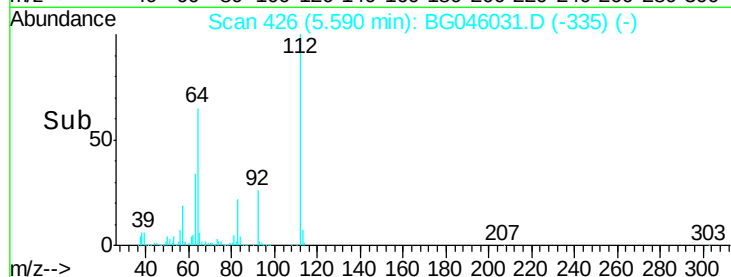
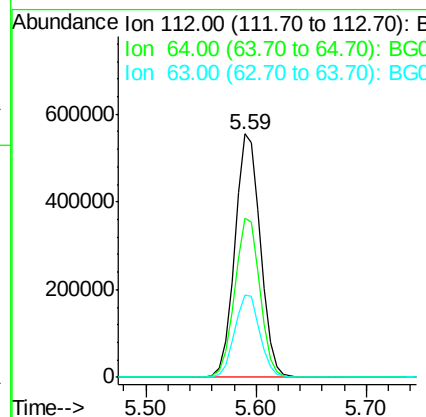
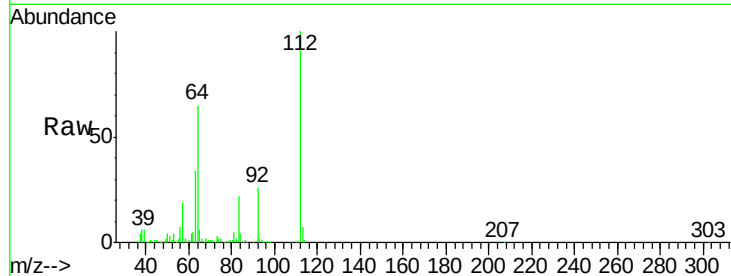
ClientSampleId :

PB130179BS

Tot Ion:	112	Resp:	897427
Ion Ratio	Lower	Upper	
112	100		
64	65.3	51.4	77.2
63	34.0	26.6	40.0

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#6

Aniline

Concen: 33.980 ng

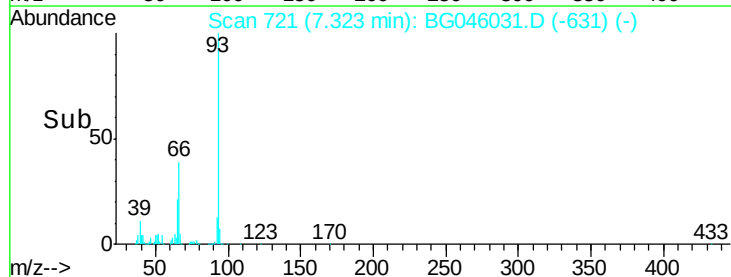
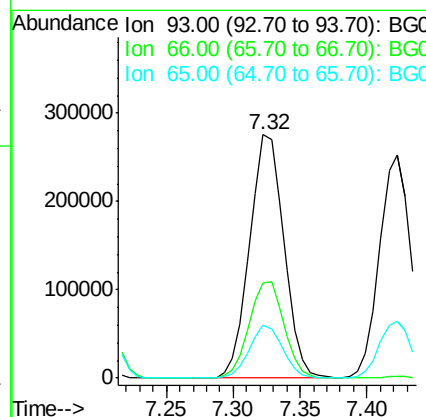
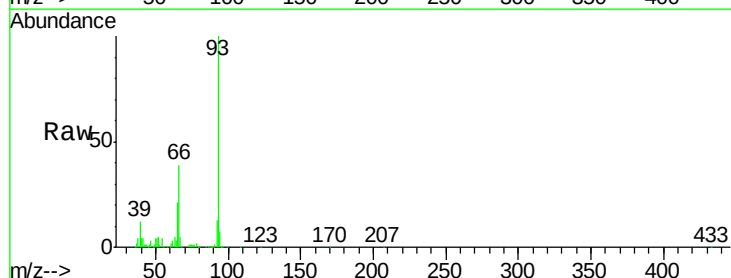
RT: 7.32 min Scan# 721

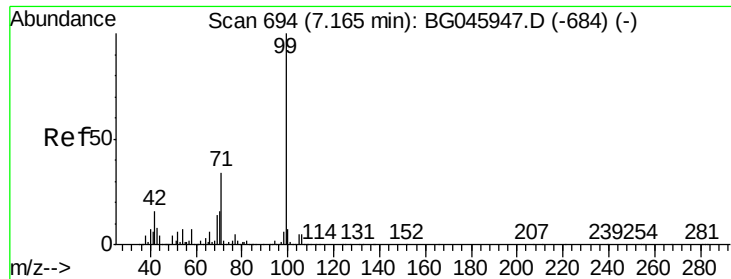
Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Tgt Ion:	93	Resp:	489938
Ion Ratio	Lower	Upper	
93	100		
66	39.2	32.3	48.5
65	21.5	16.6	25.0





#7

Phenol-d6

Concen: 107.439 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

Tot Ion: 99 Resp: 1210918

Ion Ratio Lower Upper

99 100

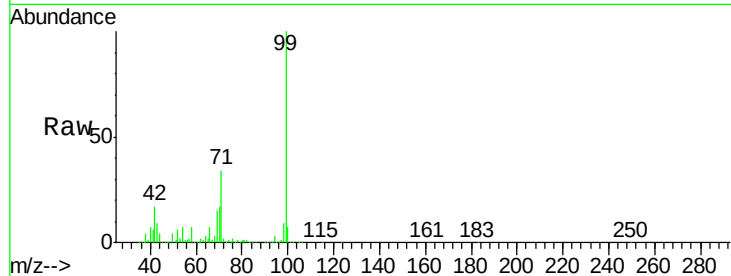
42 17.1 13.0 19.4

71 34.4 27.5 41.3

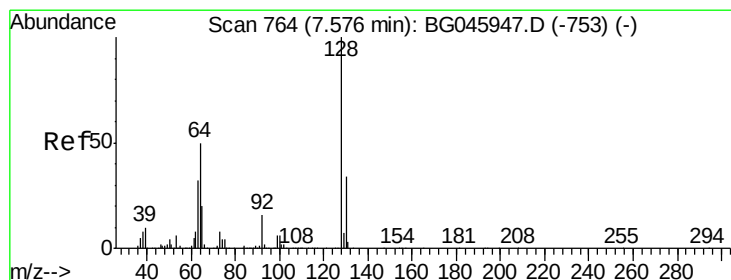
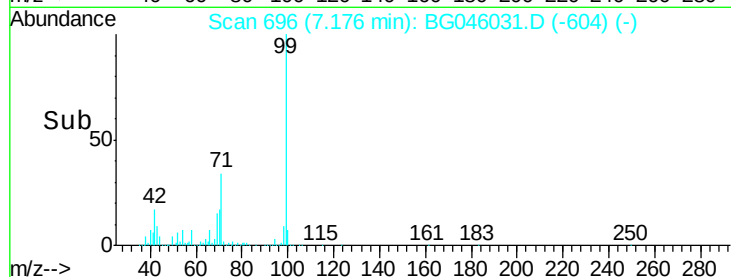
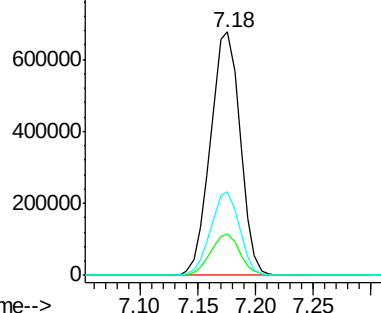
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.819 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

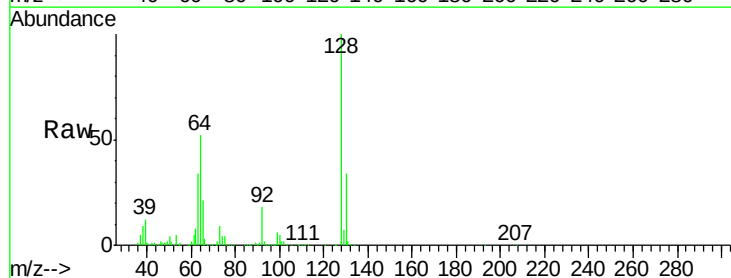
Tgt Ion: 128 Resp: 411410

Ion Ratio Lower Upper

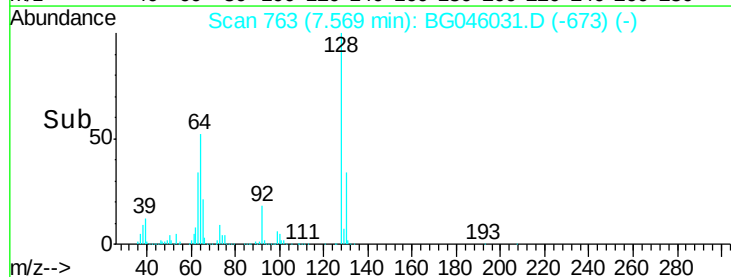
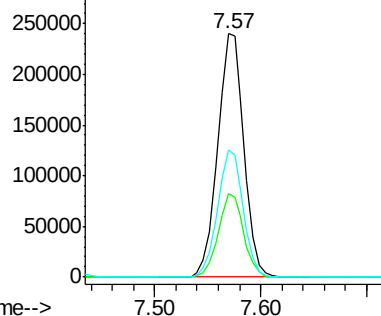
128 100

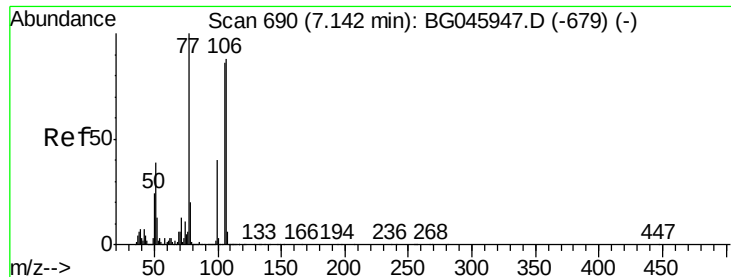
130 34.3 13.6 53.6

64 52.2 30.6 70.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.173 ng

RT: 7.13 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

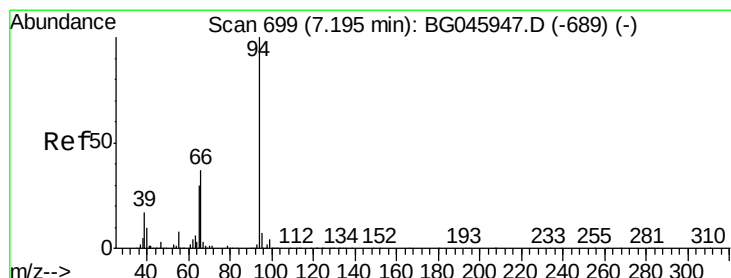
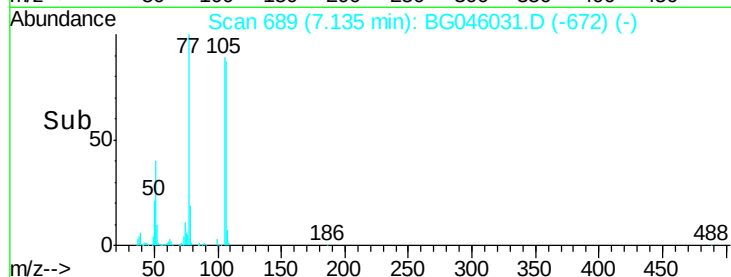
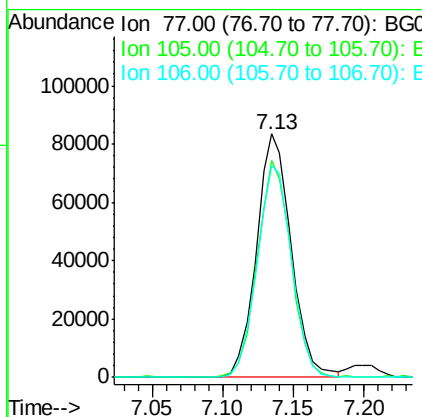
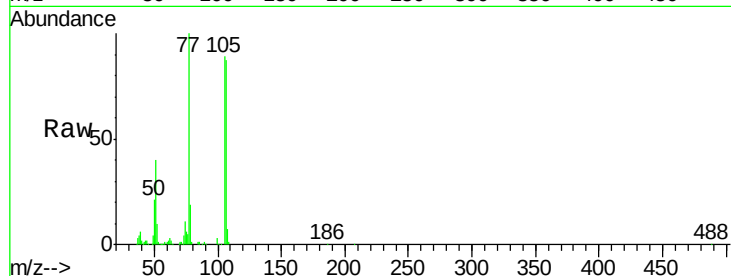
ClientSampleID :

PB130179BS

Tot Ion:	77	Resp:	144051
Ion	Ratio	Lower	Upper
77	100		
105	88.9	66.0	106.0
106	86.7	67.7	107.7

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#10

Phenol

Concen: 48.464 ng

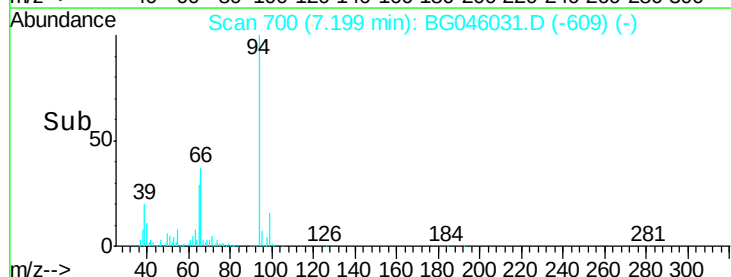
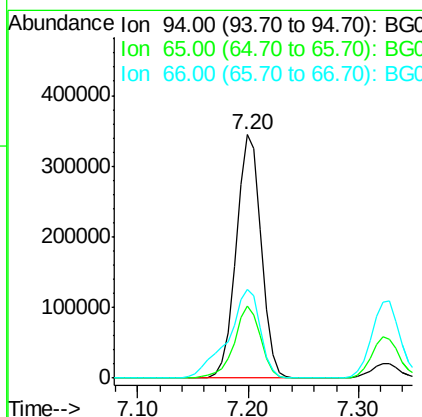
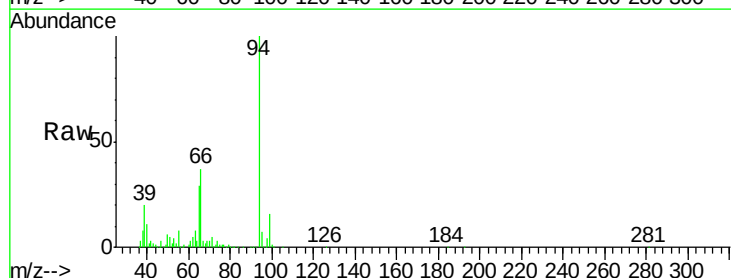
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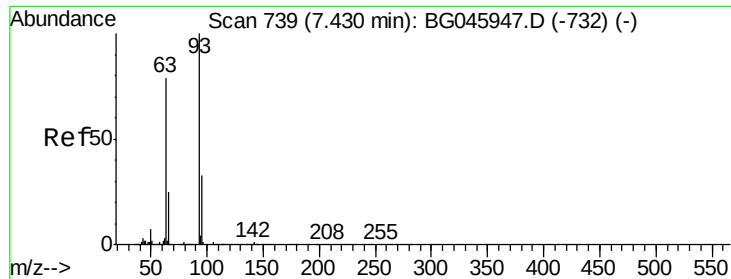
Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Tgt Ion:	94	Resp:	547931
Ion	Ratio	Lower	Upper
94	100		
65	29.5	10.6	50.6
66	36.6	17.1	57.1





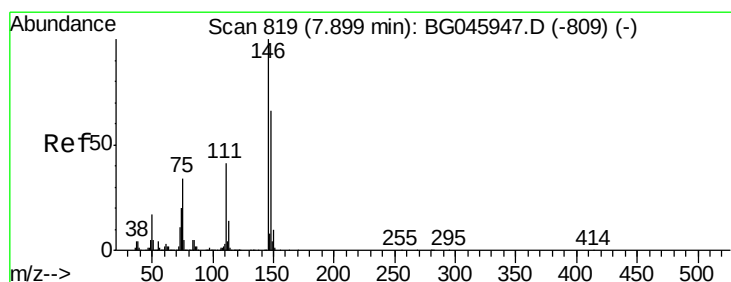
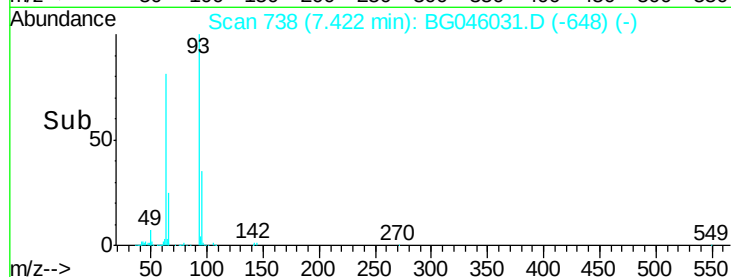
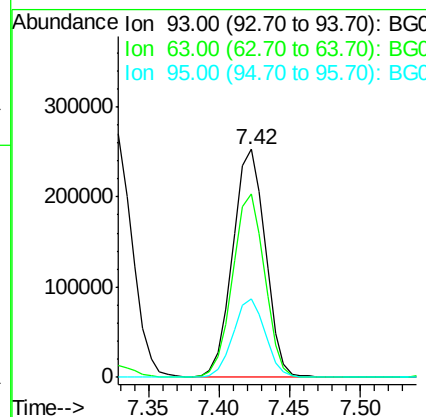
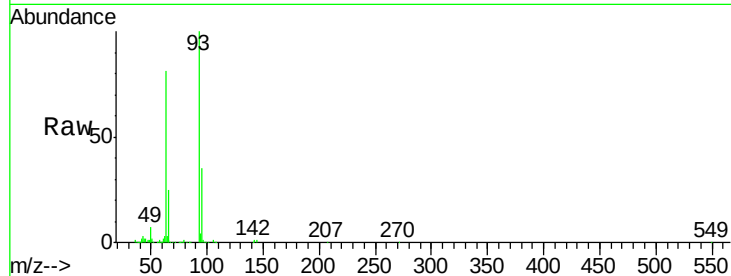
#11
bis(2-Chloroethyl)ether
Concen: 43.574 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.6	58.6	98.6
95	34.5	13.3	53.3

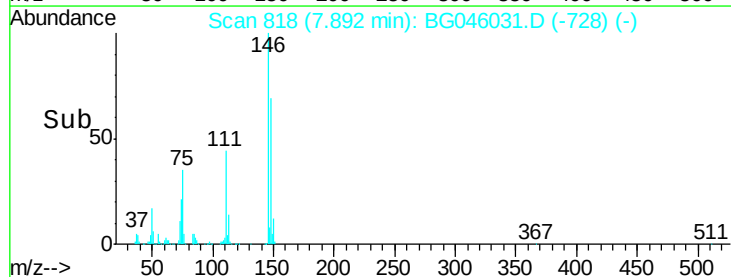
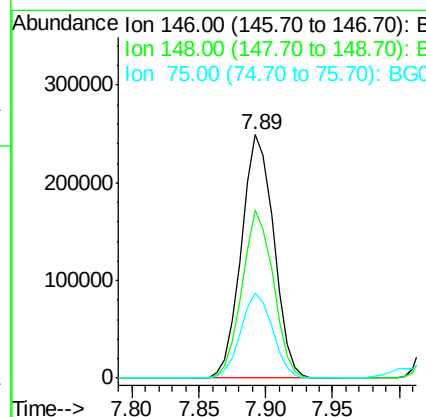
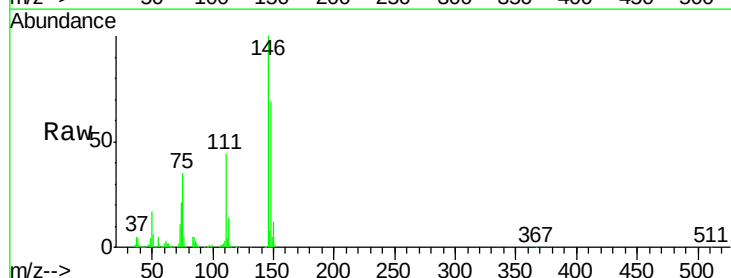
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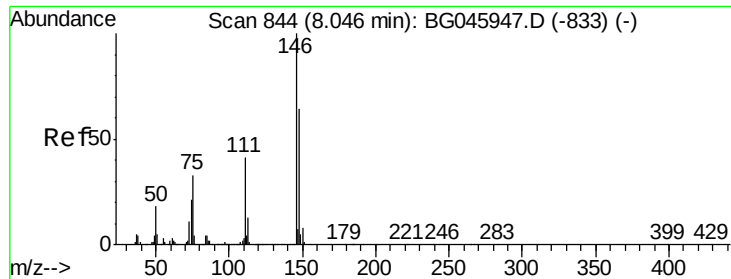
mohammad
7/15/2020 11:01:26 AM



#12
1,3-Dichlorobenzene
Concen: 42.943 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.2	52.8	79.2
75	34.7	27.2	40.8





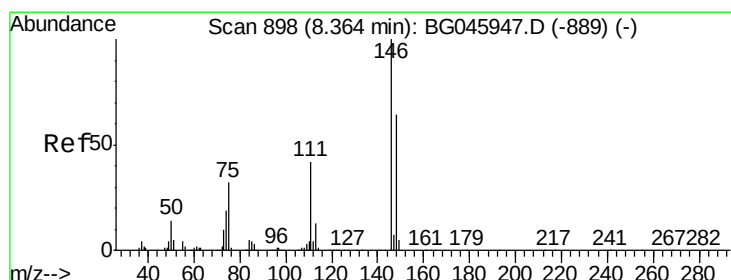
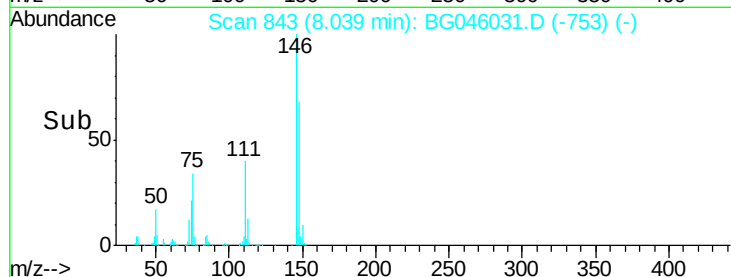
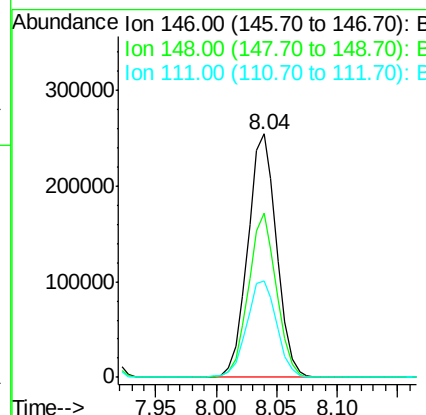
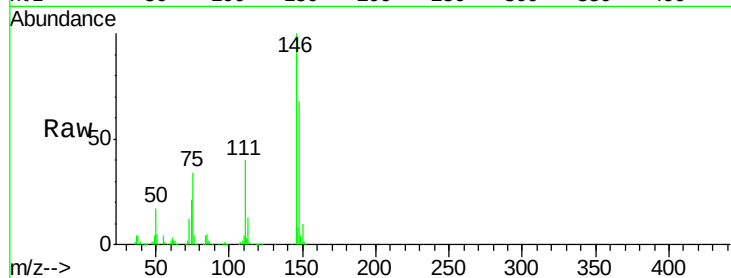
#13
 1,4-Dichlorobenzene
 Concen: 44.004 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.7	77.5
111	39.5	33.3	49.9

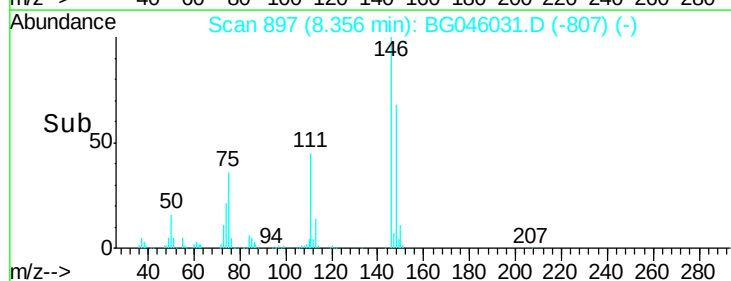
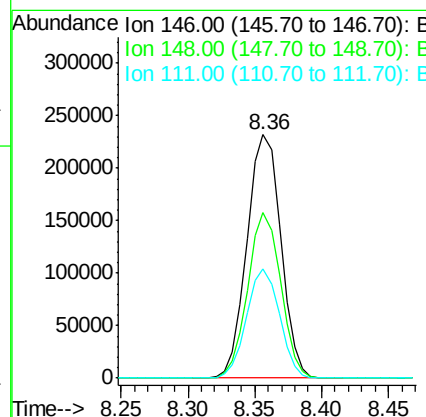
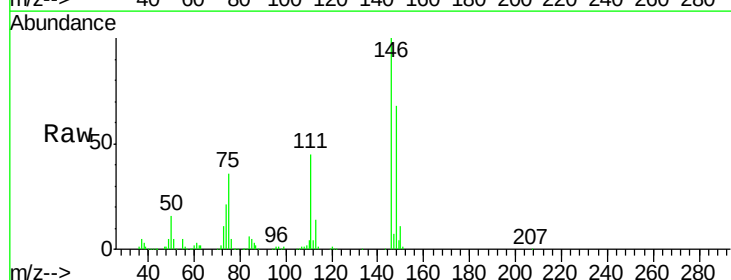
Manual Integrations
 APPROVED

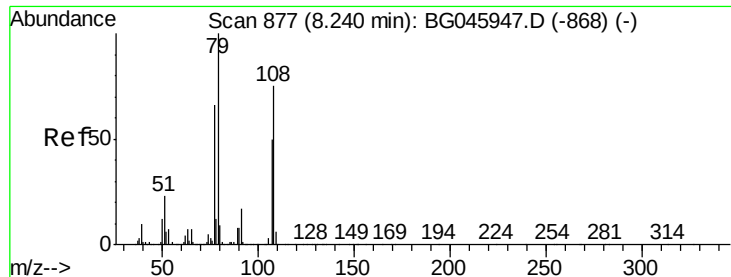
mohammad
 7/15/2020 11:01:26 AM



#14
 1,2-Dichlorobenzene
 Concen: 44.214 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	51.6	77.4
111	45.0	34.0	51.0





#15

Benzyl Alcohol

Concen: 44.714 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

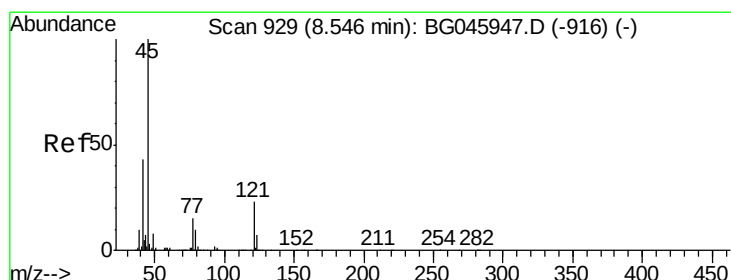
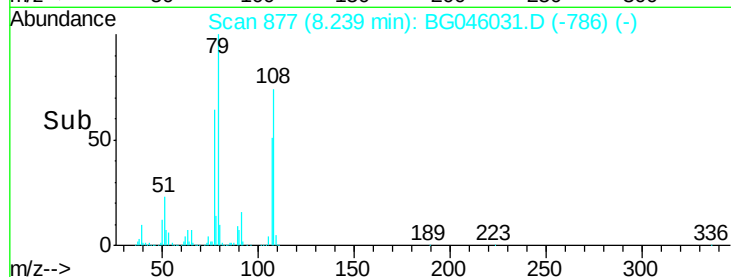
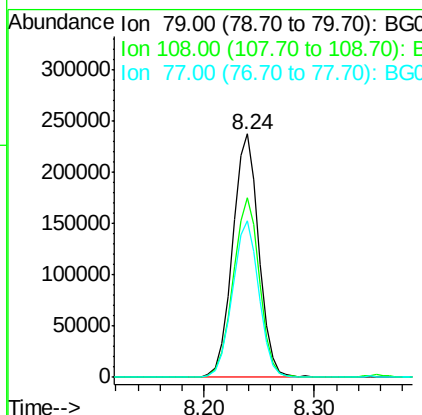
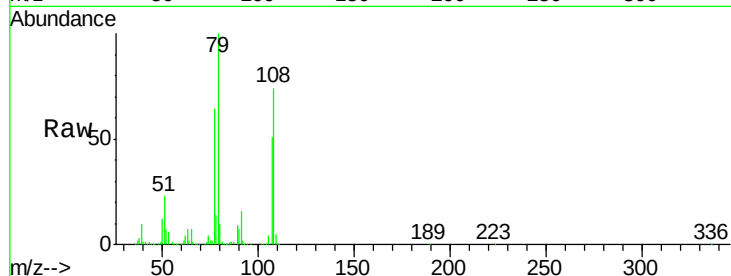
ClientSampleId :

PB130179BS

Tot Ion:	79	Resp:	395154
Ion Ratio	Lower	Upper	
79	100		
108	74.0	60.2	90.4
77	64.1	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.004 ng

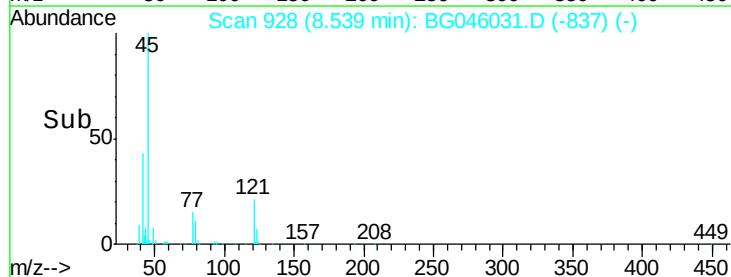
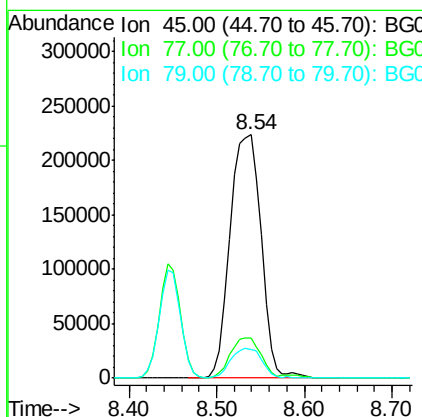
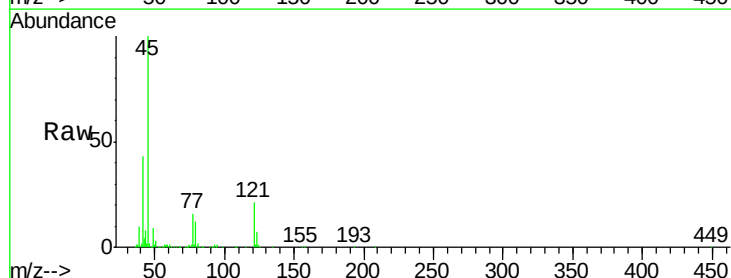
RT: 8.54 min Scan# 928

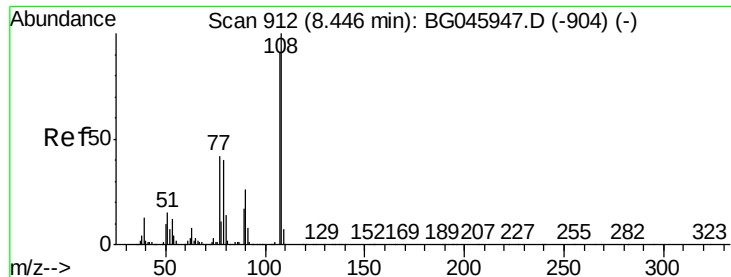
Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Tgt Ion:	45	Resp:	536755
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	37.6
79	11.7	0.0	32.6





#17

2-Methylphenol

Concen: 43.073 ng

RT: 8.44 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

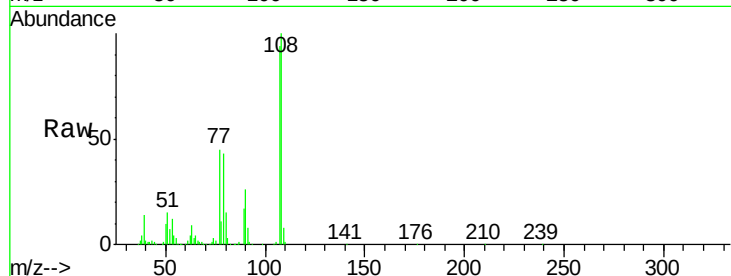
ClientSampleId :

PB130179BS

Tot Ion	107	Resp	365405
Ion Ratio	Lower	Upper	
107	100		
108	106.3	88.2	132.4
77	48.2	37.0	55.4
79	45.7	35.4	53.0

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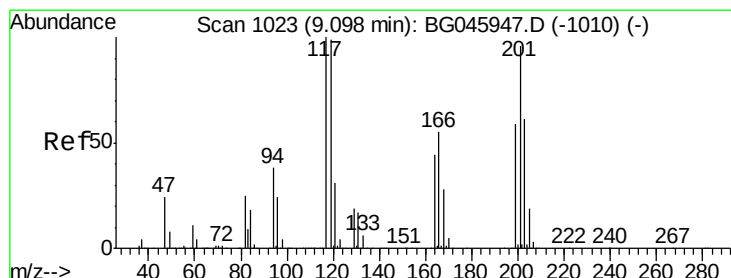
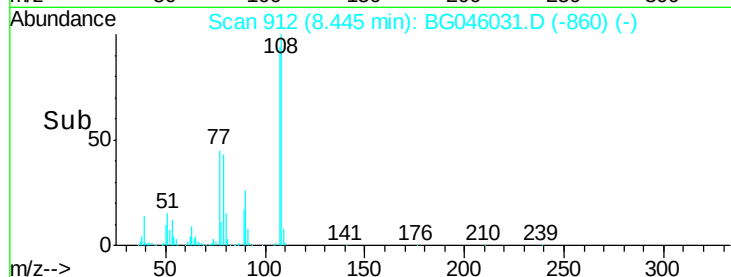
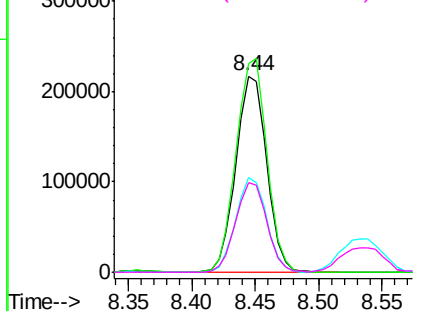


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.249 ng

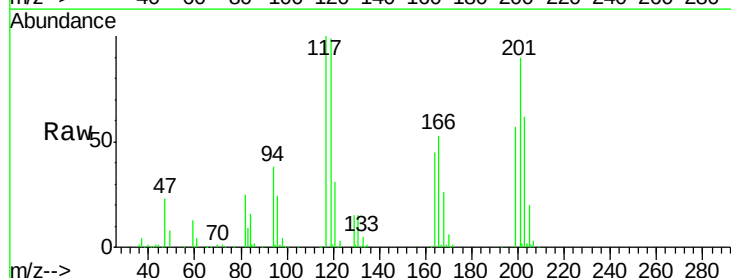
RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

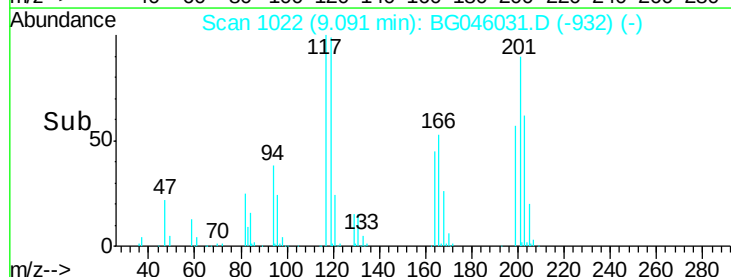
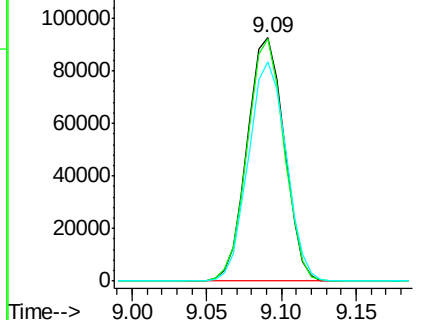
Tgt Ion	117	Resp	159013
Ion Ratio	Lower	Upper	
117	100		
119	99.3	79.5	119.3
201	90.2	77.0	115.4

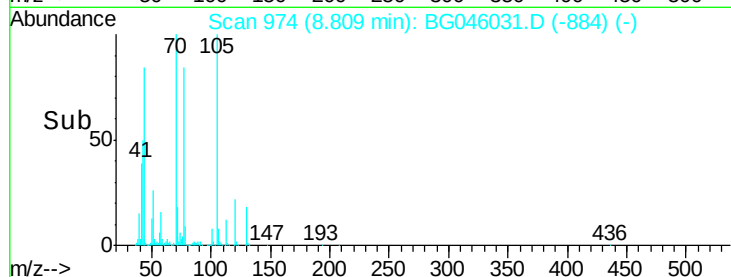
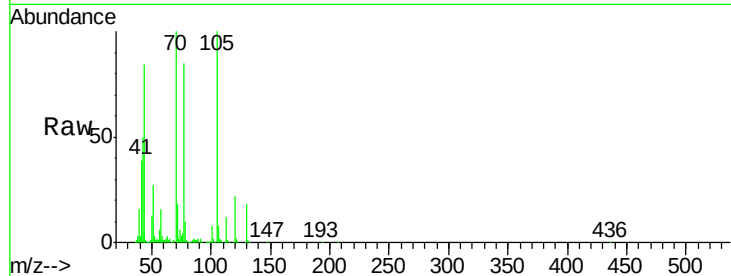
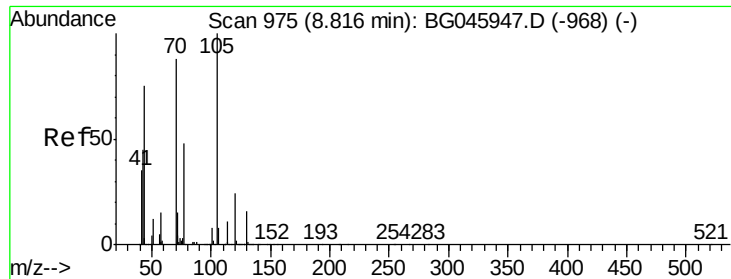


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





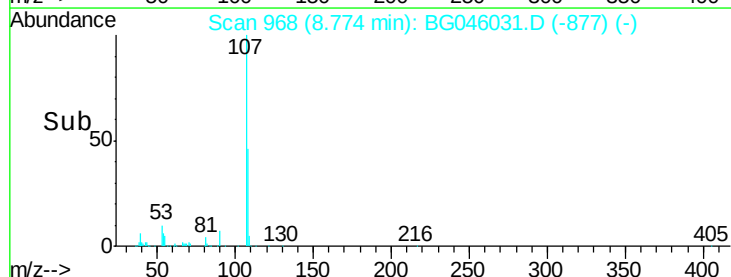
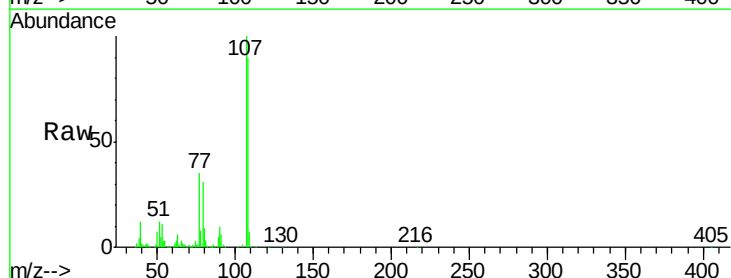
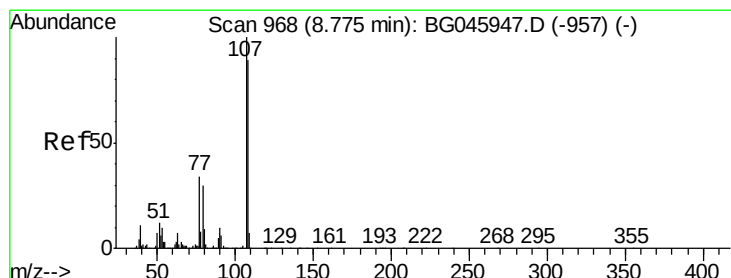
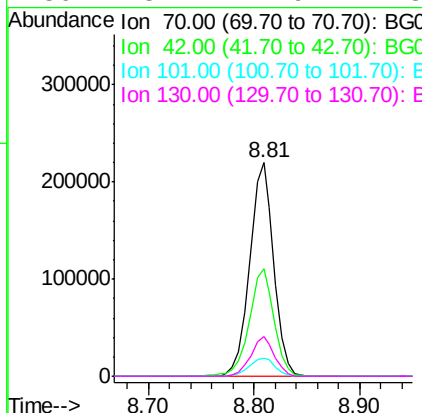
#19
n-Nitroso-di-n-propylamine
Concen: 43.685 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		345887		
42	50.4	41.4	62.0		
101	8.5	7.1	10.7		
130	18.4	14.9	22.3		

Instrument :
BNA_G
ClientSampleId :
PB130179BS

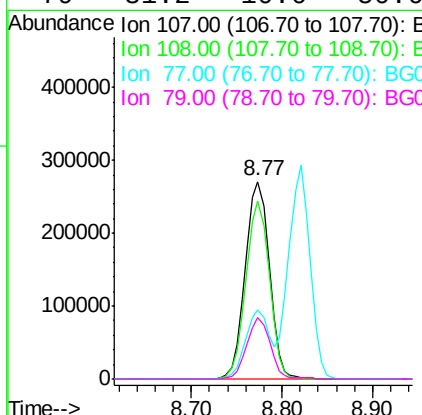
Manual Integrations
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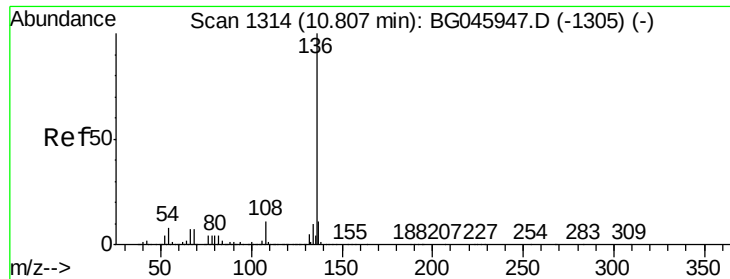
mohammad
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#20
3+4-Methylphenols
Concen: 43.330 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		500979		
108	90.0	68.7	108.7		
77	35.2	14.6	54.6		
79	31.2	10.6	50.6		





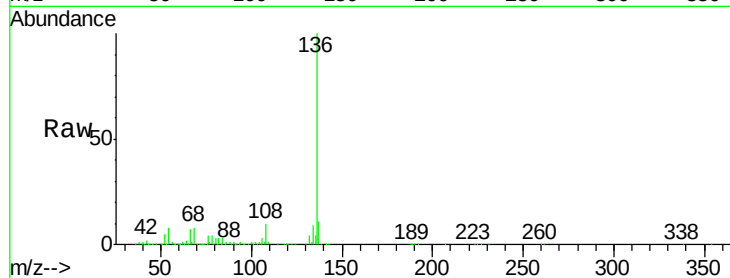
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

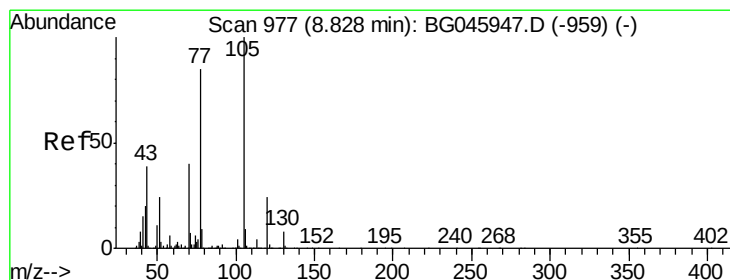
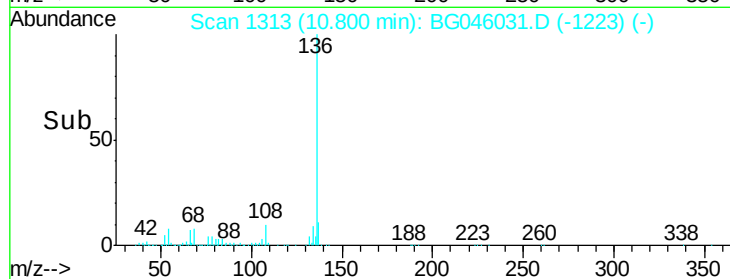
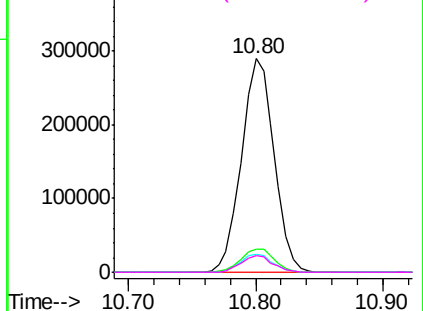
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		516195		
137	10.8		9.2	13.8	
54	8.1		6.2	9.4	
68	8.1		5.8	8.8	

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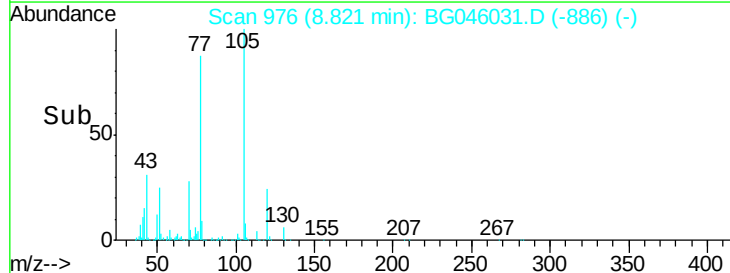
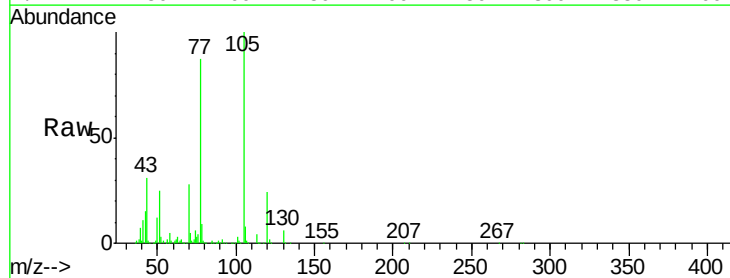
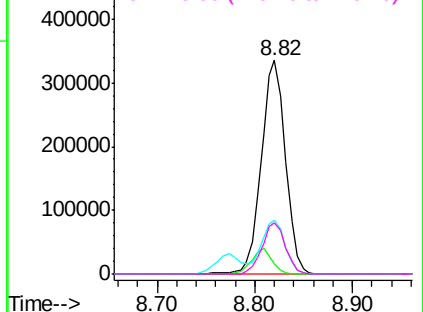
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

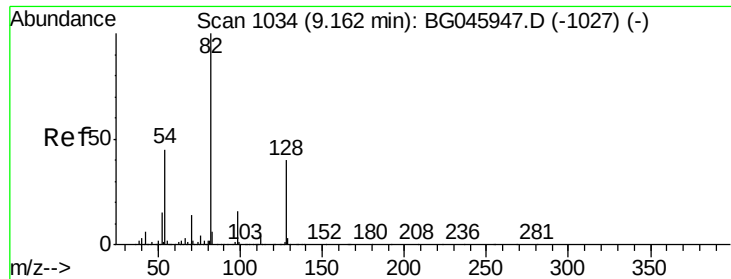


#22
Acetophenone
Concen: 42.205 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		582016		
71	5.0		6.2	9.2#	
51	25.4		19.7	29.5	
120	23.7		19.2	28.8	

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





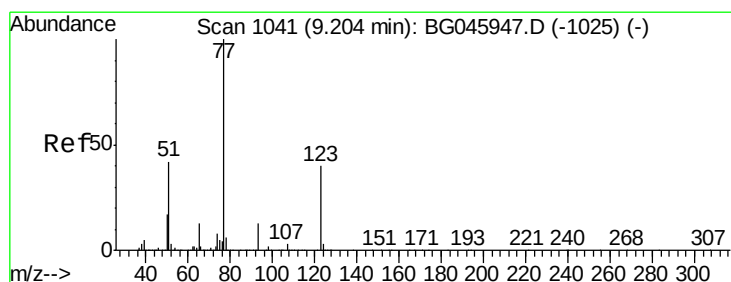
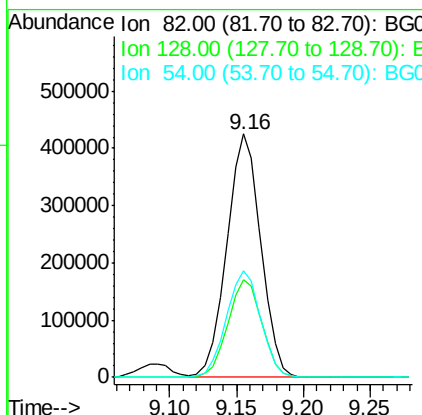
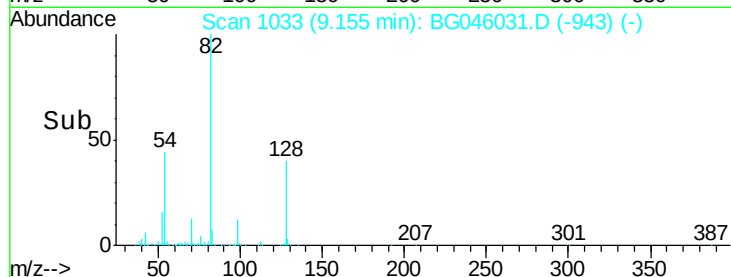
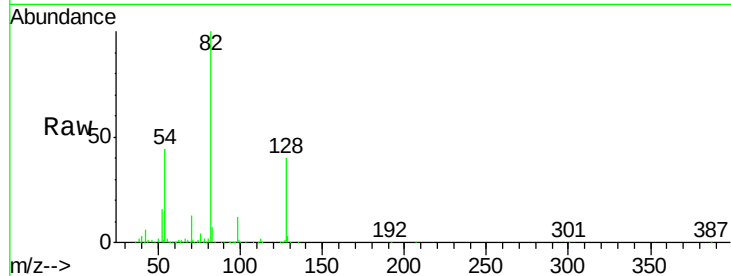
#23
Nitrobenzene-d5
Concen: 83.936 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.2	48.4
54	43.7	35.8	53.6

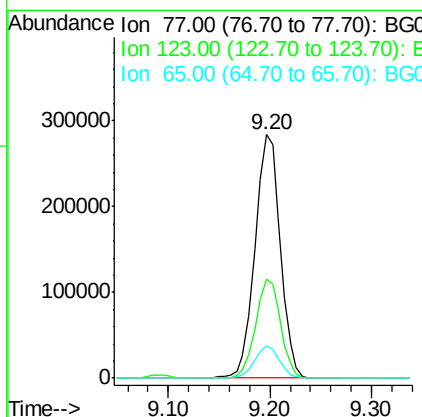
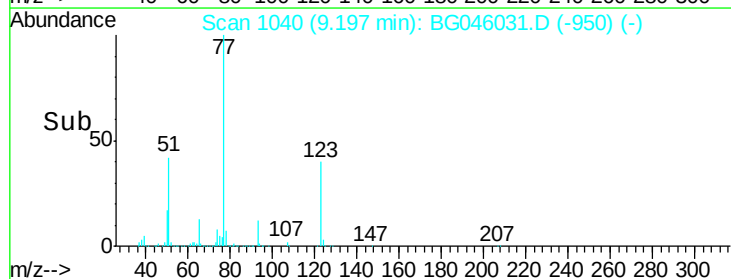
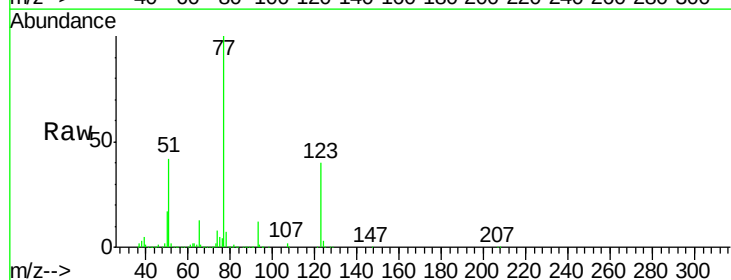
Manual Integrations
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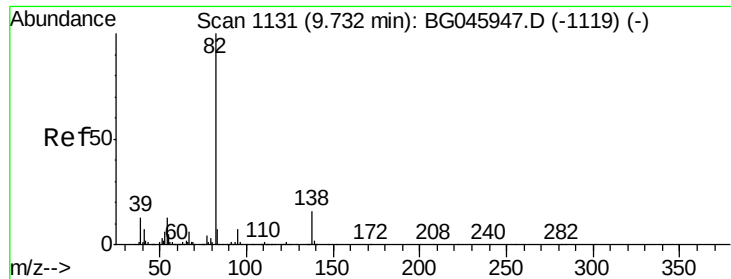
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#24
Nitrobenzene
Concen: 49.510 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.5	32.7	49.1
65	13.2	10.2	15.4





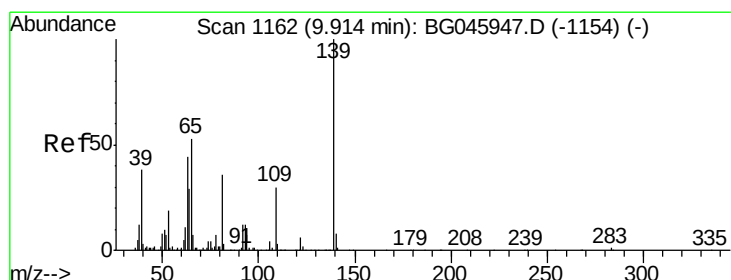
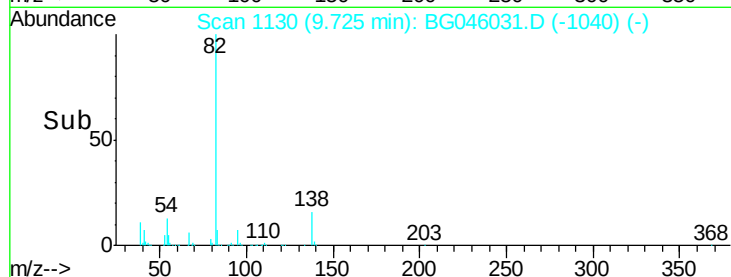
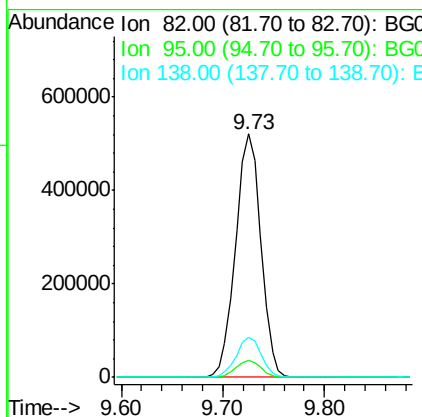
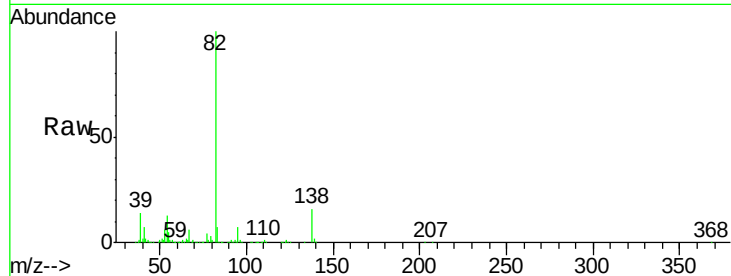
#25
Isophorone
Concen: 41.353 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.8		5.8	8.6
138	16.3		12.9	19.3

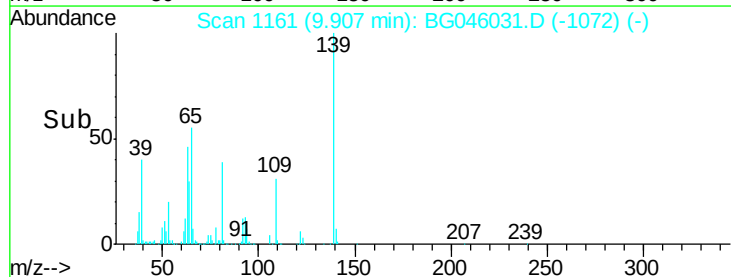
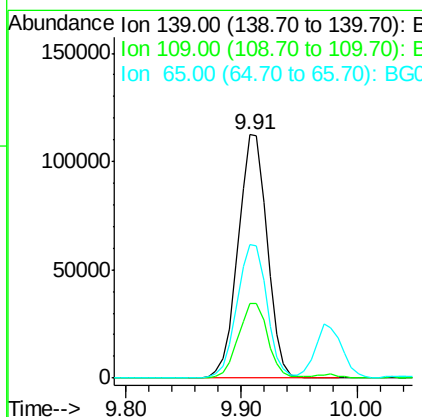
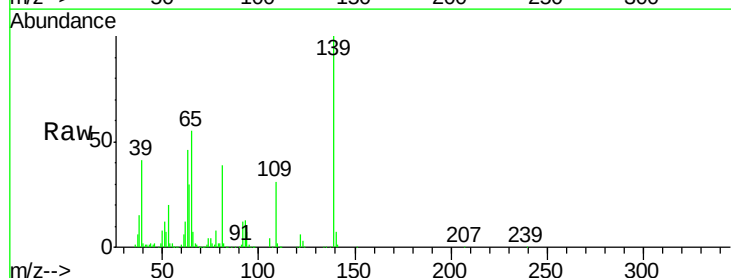
Manual Integrations
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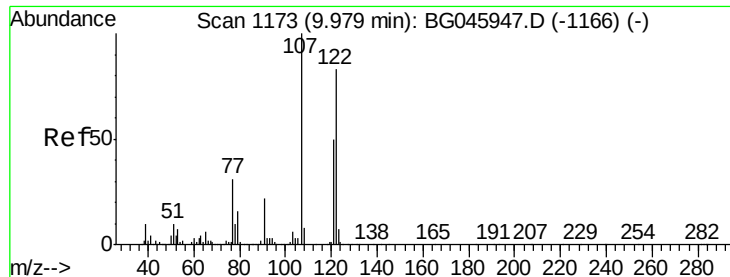
mohammad
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#26
2-Nitrophenol
Concen: 60.941 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	30.8		24.6	37.0
65	54.9		42.6	64.0





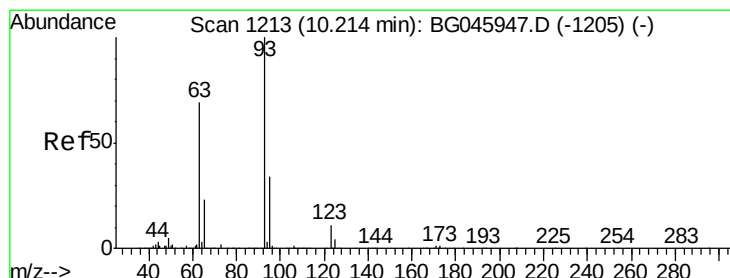
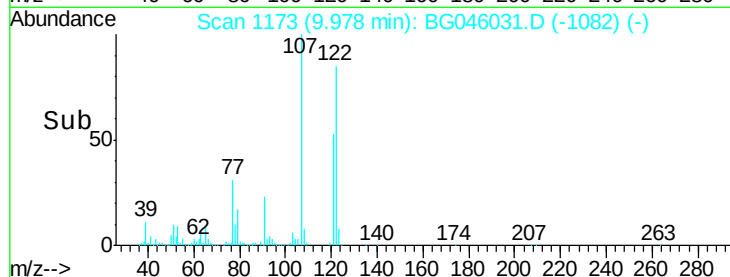
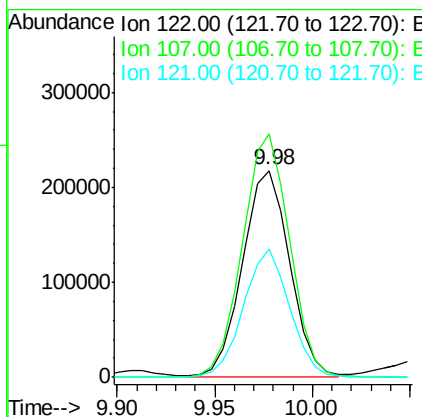
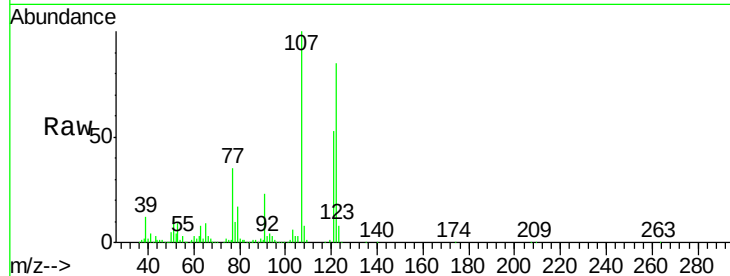
#27
 2,4-Dimethylphenol
 Concen: 46.508 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	362433		
107	117.9	95.6	143.4	
121	62.5	47.7	71.5	

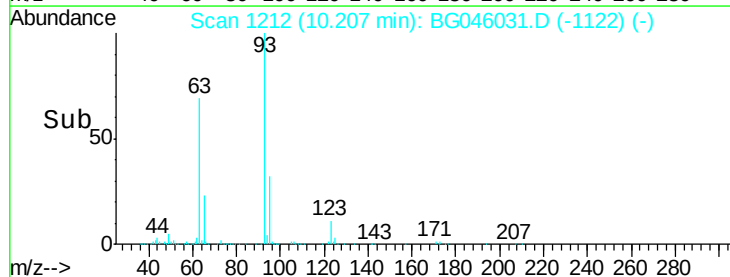
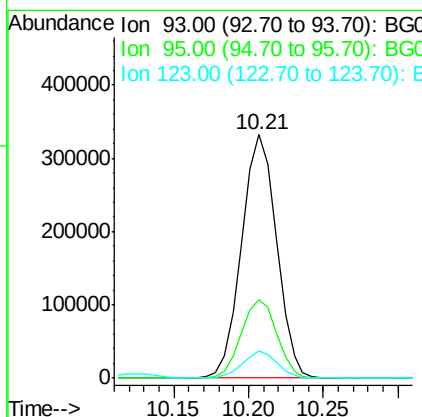
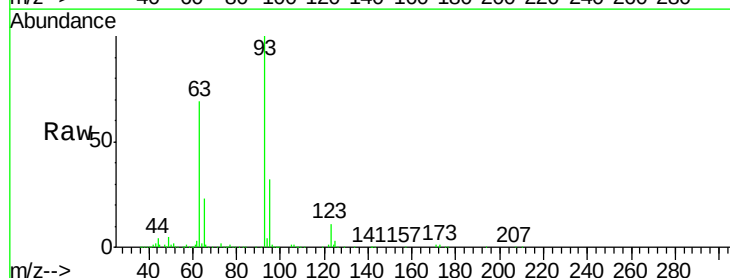
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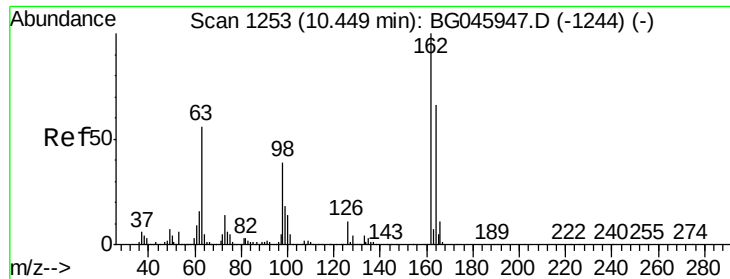
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.931 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	540099		
95	32.3	27.5	41.3	
123	11.2	9.2	13.8	





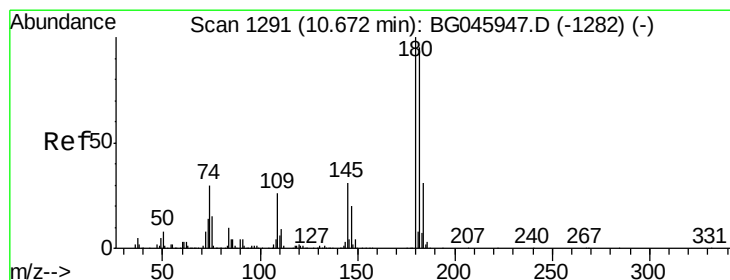
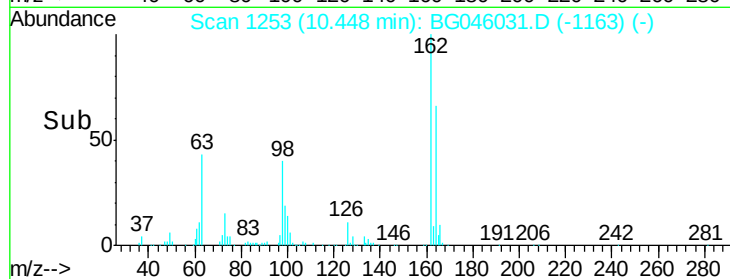
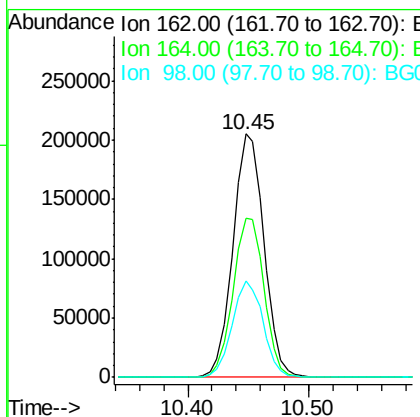
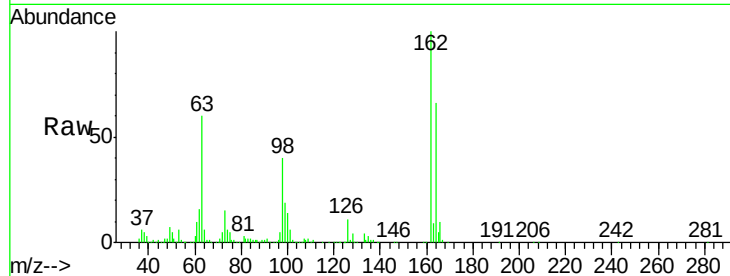
#29
 2,4-Dichlorophenol
 Concen: 45.557 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Instrument :
 BNA_G
 ClientSampleID :
 PB130179BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.6	46.0	86.0
98	39.6	19.2	59.2

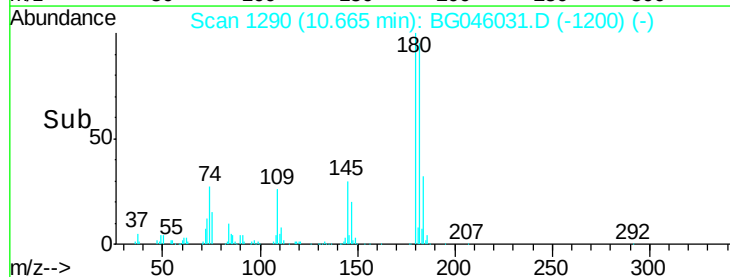
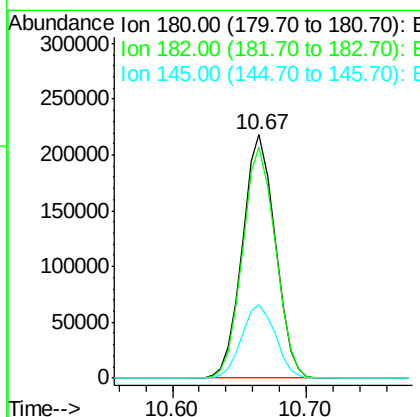
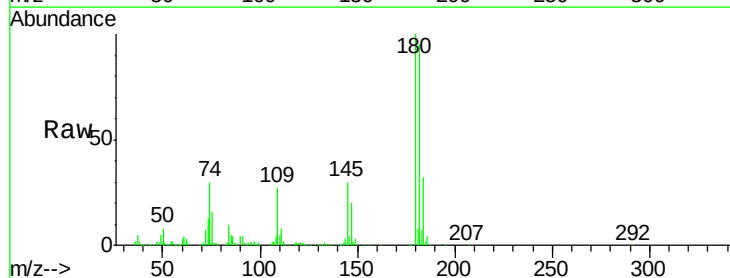
Manual Integrations
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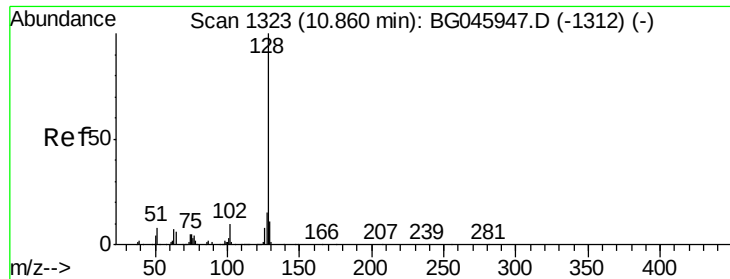
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.380 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	76.3	114.5
145	30.2	24.8	37.2





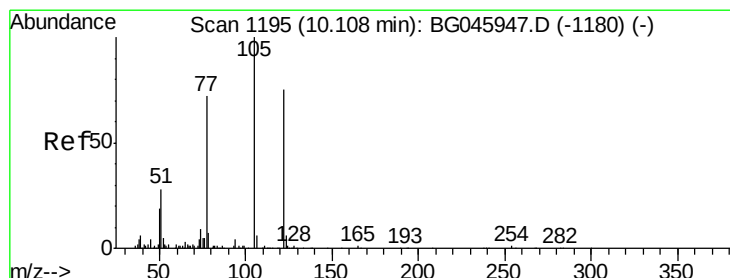
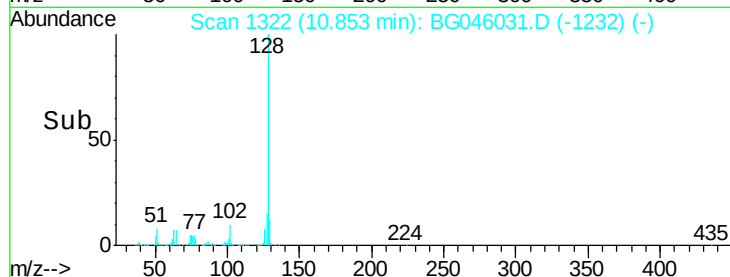
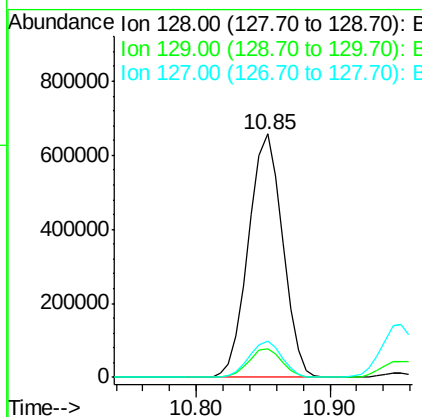
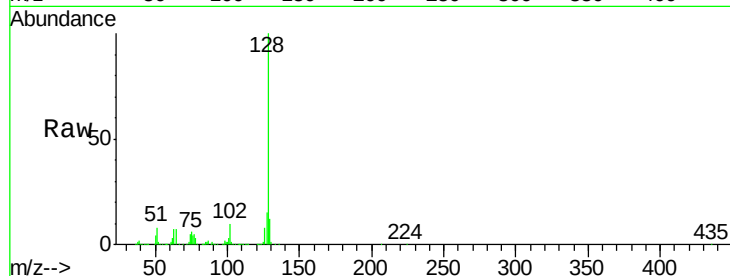
#31
Naphthalene
Concen: 41.951 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:128 Resp: 1160880
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 15.1 11.8 17.6

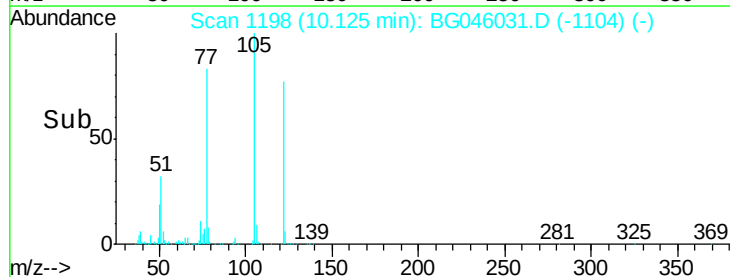
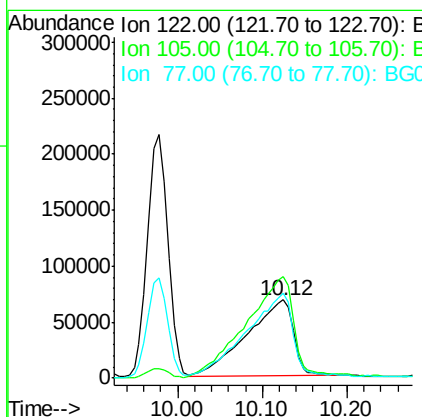
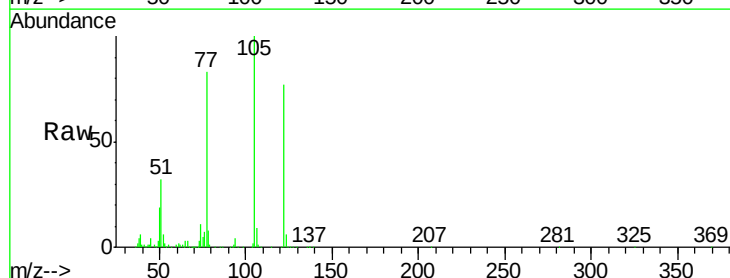
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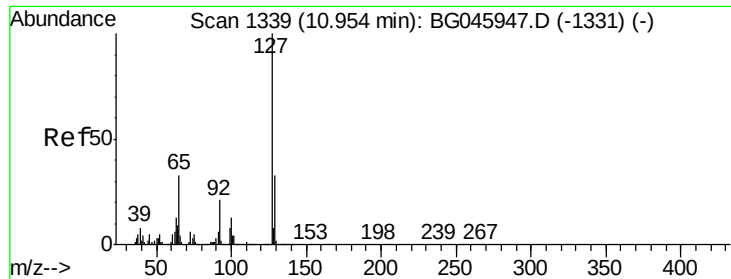
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#32
Benzoic acid
Concen: 54.408 ng
RT: 10.12 min Scan# 1198
Delta R.T. 0.02 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:122 Resp: 263728
Ion Ratio Lower Upper
122 100
105 129.9 110.8 150.8
77 107.9 76.4 116.4





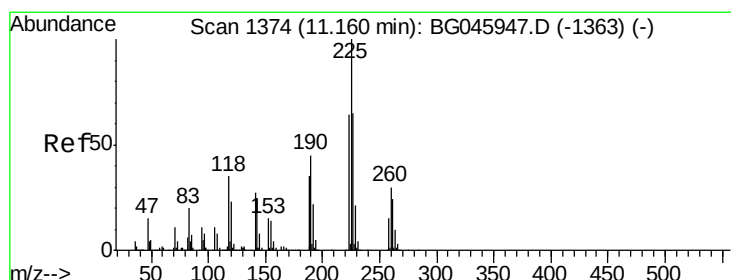
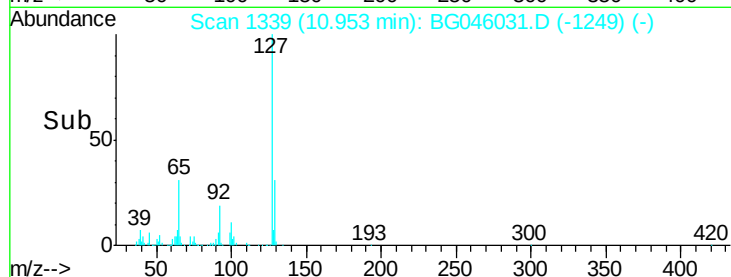
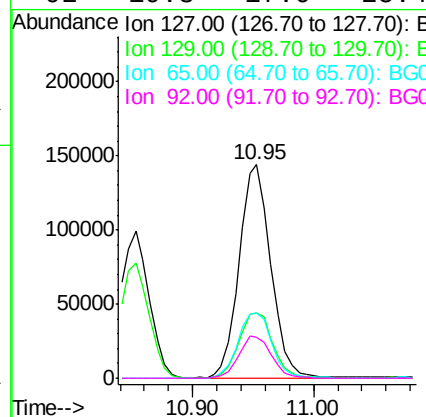
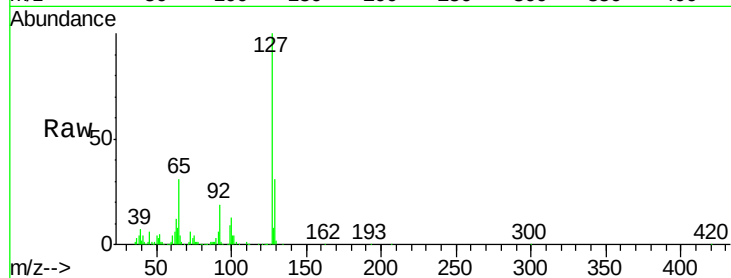
#33
4-Chloroaniline
Concen: 21.191 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		262042		
129	30.7		26.6	39.8	
65	30.8		26.8	40.2	
92	19.3		17.0	25.4	

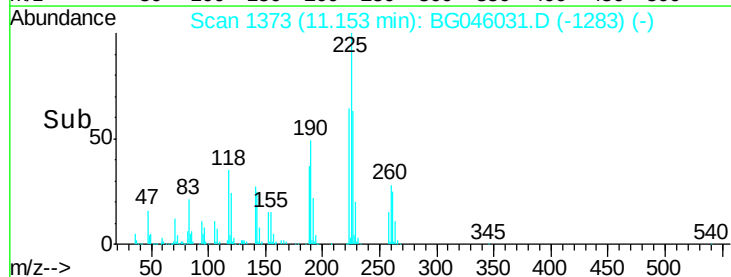
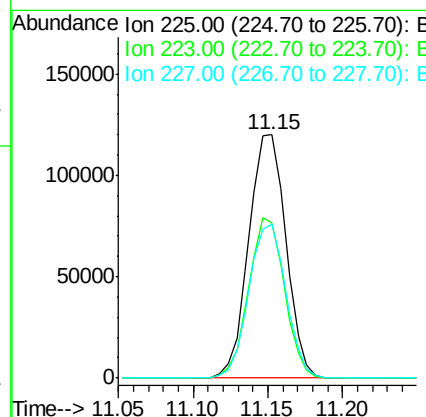
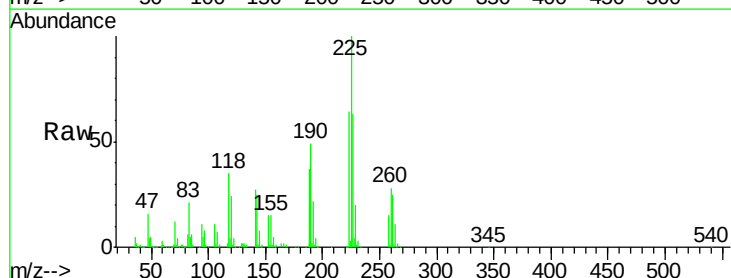
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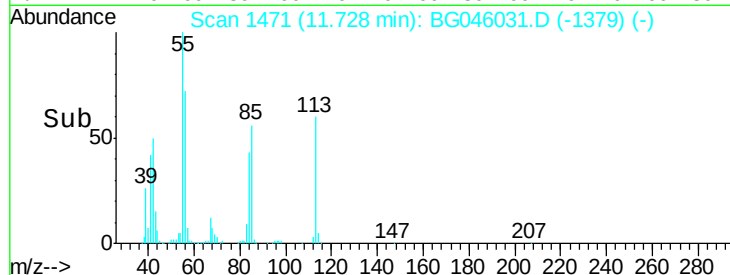
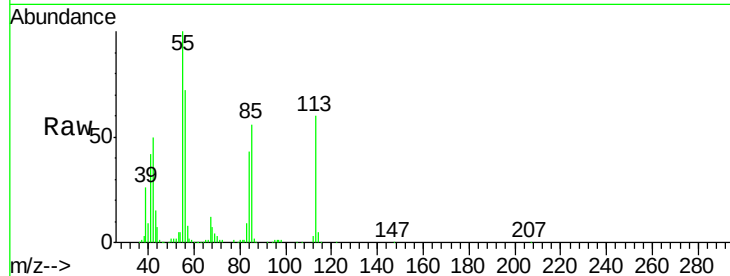
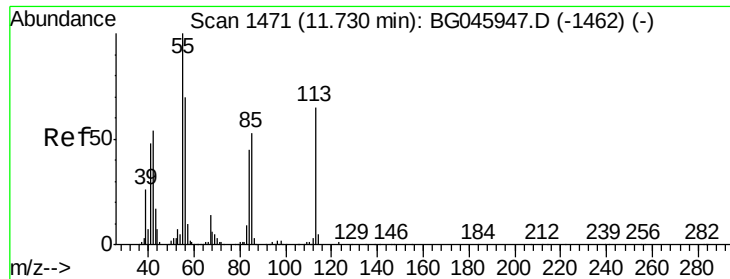
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#34
Hexachlorobutadiene
Concen: 39.534 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		206328		
223	64.0		51.2	76.8	
227	63.1		52.3	78.5	





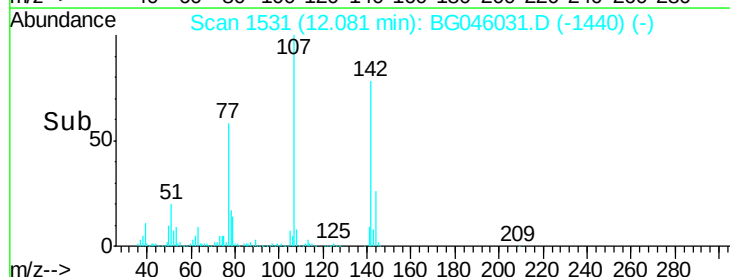
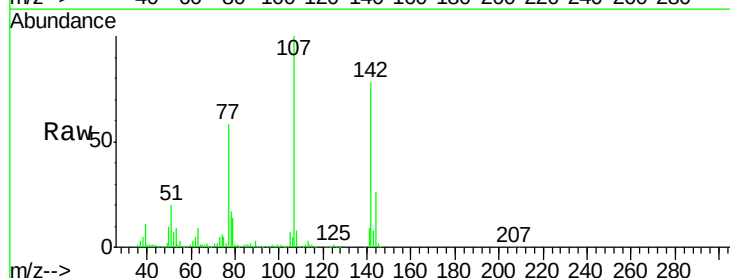
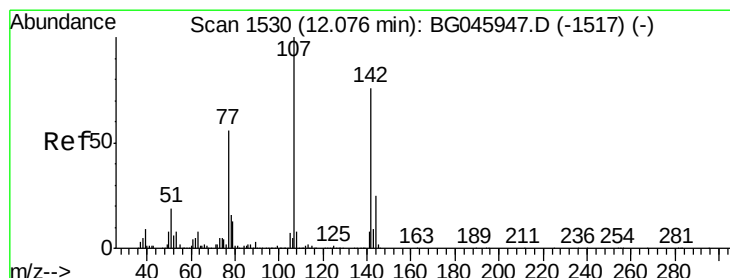
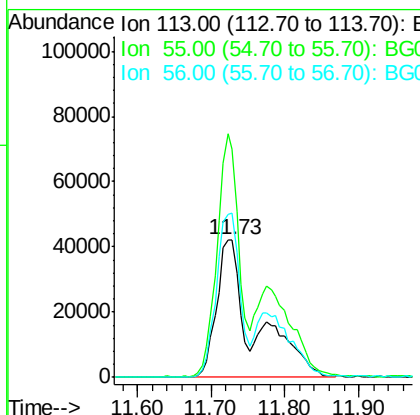
#35
Caprolactam
Concen: 48.458 ng/ml
RT: 11.73 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.3	141.6	181.6
56	119.4	89.6	129.6

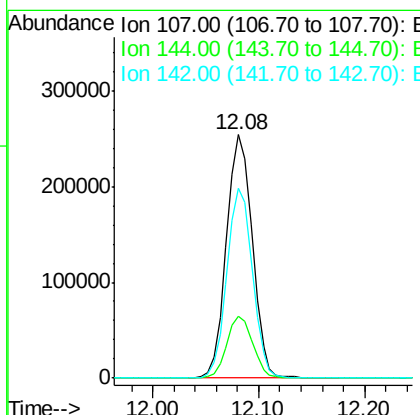
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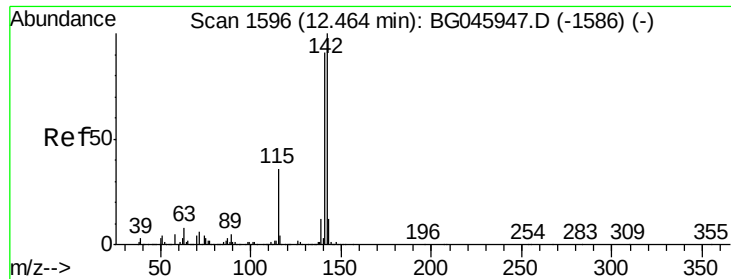
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#36
4-Chloro-3-methylphenol
Concen: 46.800 ng/ml
RT: 12.08 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.0	30.0
142	78.1	61.1	91.7





#37

2-Methylnaphthalene

Concen: 43.116 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

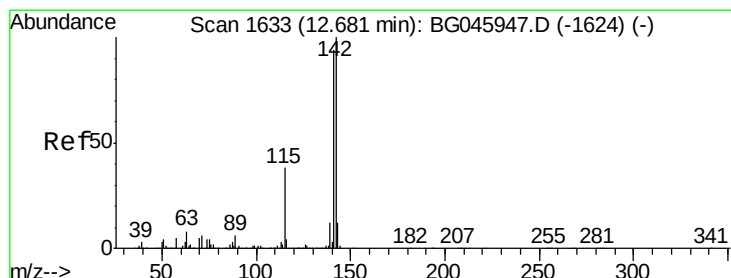
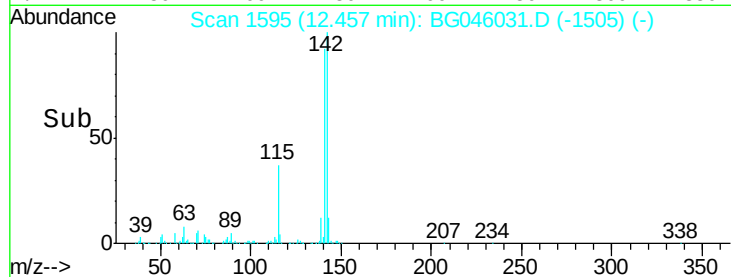
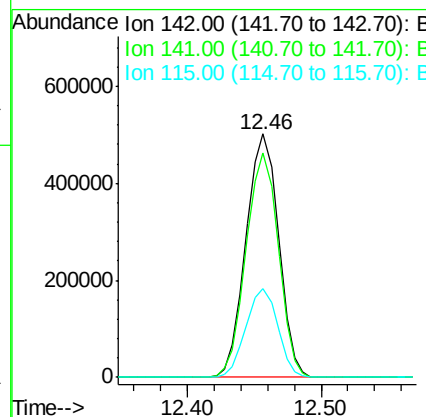
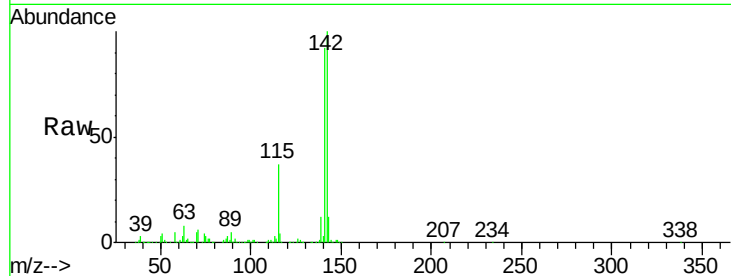
ClientSampleId :

PB130179BS

Tot Ion:	142	Resp:	848141
Ion Ratio	Lower	Upper	
142	100		
141	92.4	73.0	109.6
115	36.6	28.8	43.2

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#38

1-Methylnaphthalene

Concen: 43.793 ng

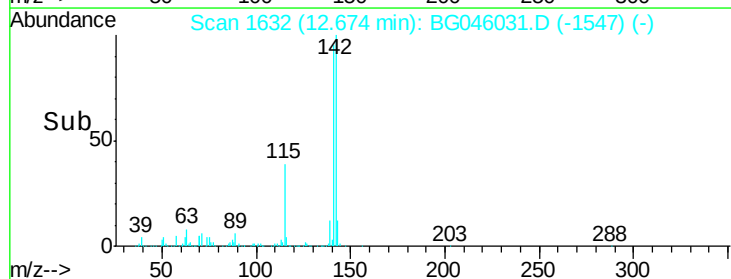
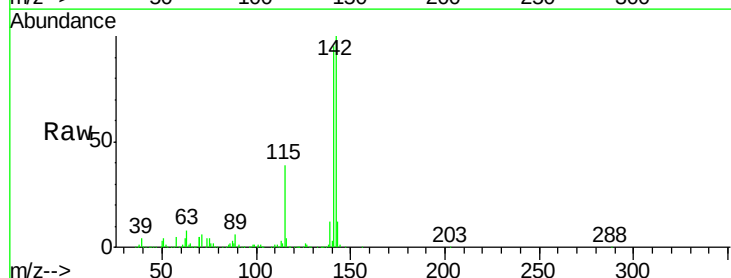
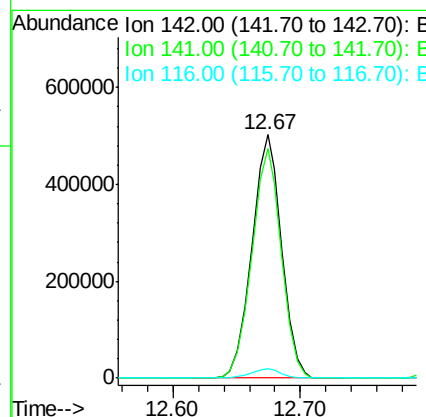
RT: 12.67 min Scan# 1632

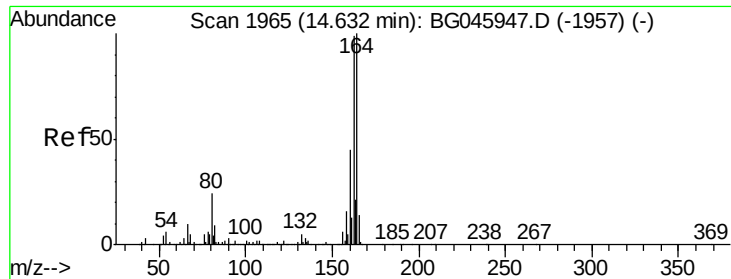
Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Tgt Ion:	142	Resp:	812987
Ion Ratio	Lower	Upper	
142	100		
141	94.5	75.2	112.8
116	3.9	3.1	4.7





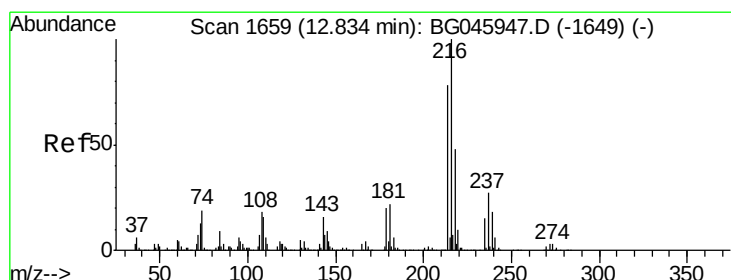
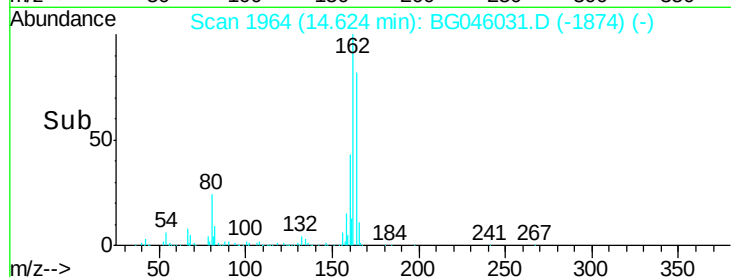
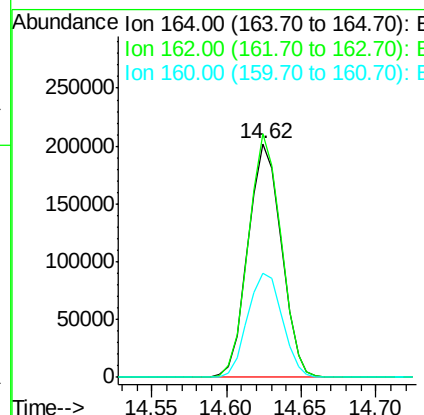
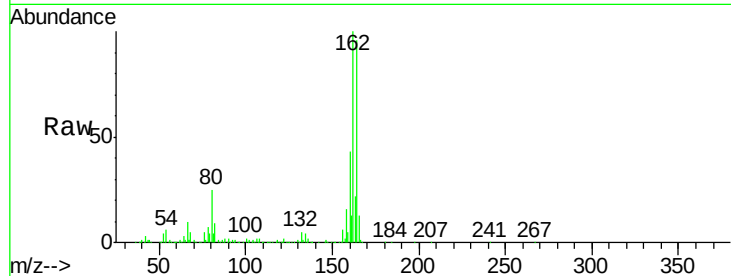
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	79.3	118.9
160	44.4	35.7	53.5

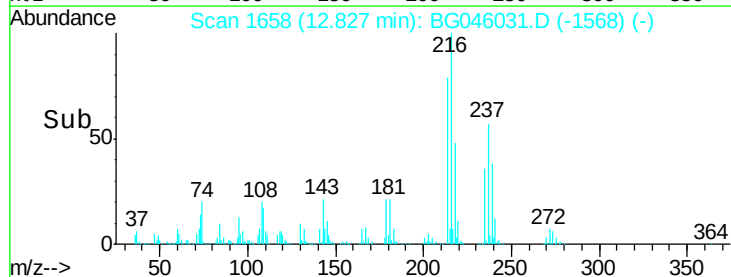
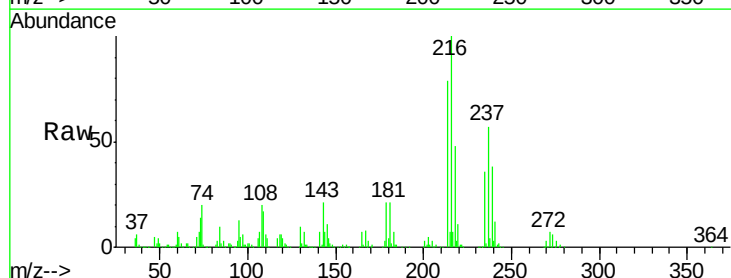
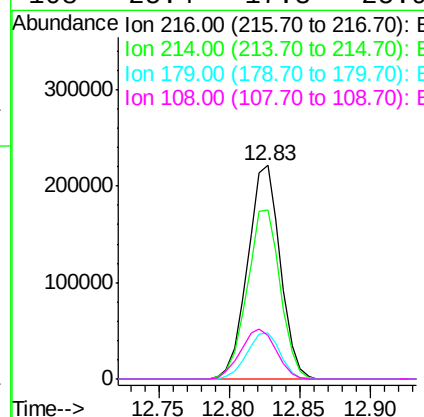
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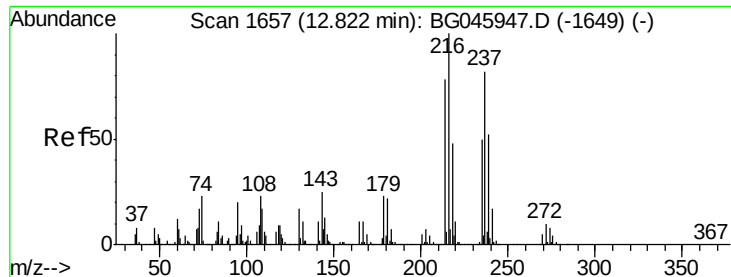
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.782 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.0	94.4
179	22.0	17.0	25.6
108	25.4	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 92.840 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

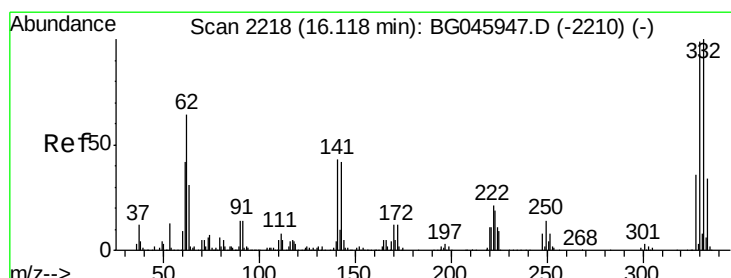
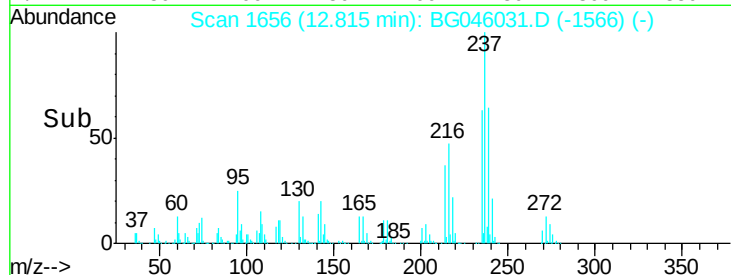
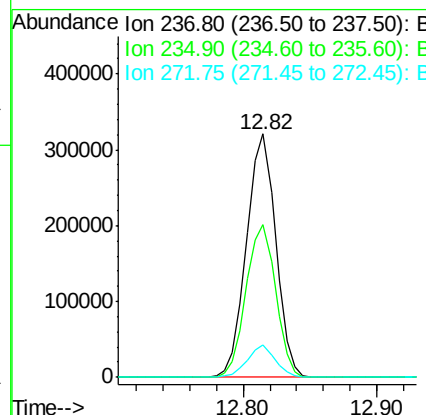
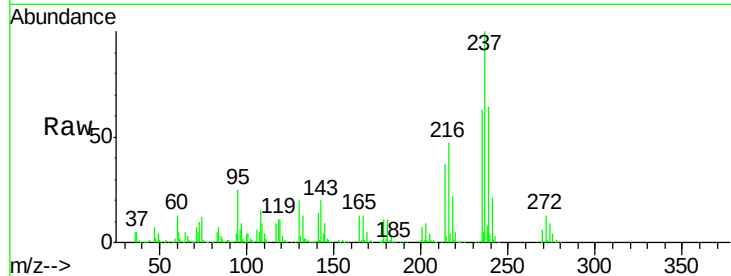
ClientSampleId :

PB130179BS

Tot Ion:	237	Resp:	484757
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.5	81.5
272	13.2	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 114.331 ng

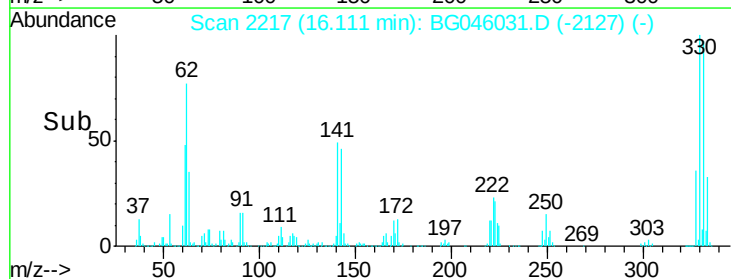
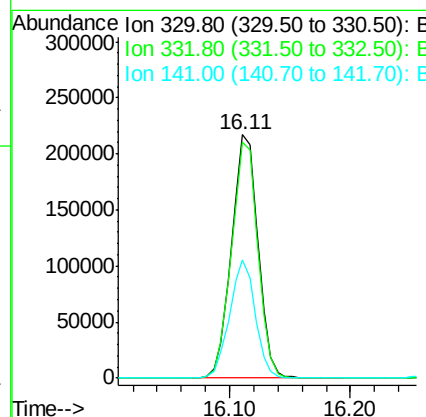
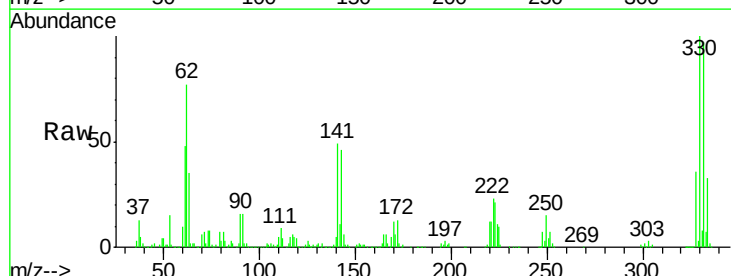
RT: 16.11 min Scan# 2217

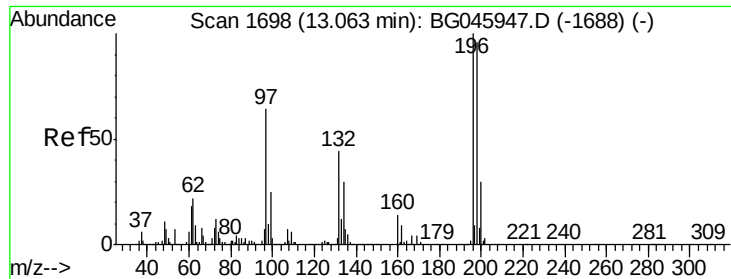
Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Tgt Ion:	330	Resp:	331244
Ion Ratio	Lower	Upper	
330	100		
332	96.7	78.3	117.5
141	47.1	36.6	54.8





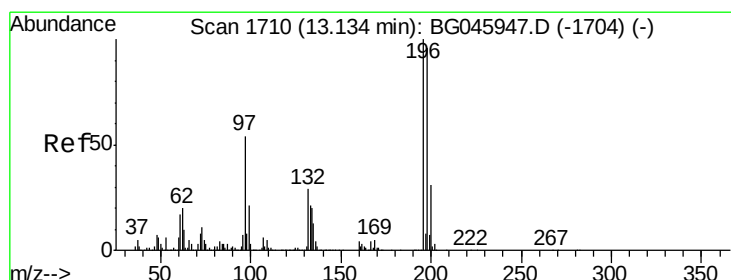
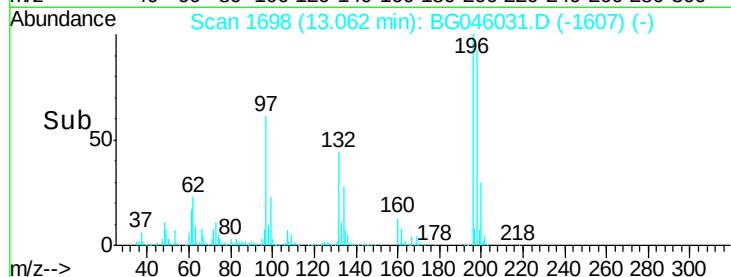
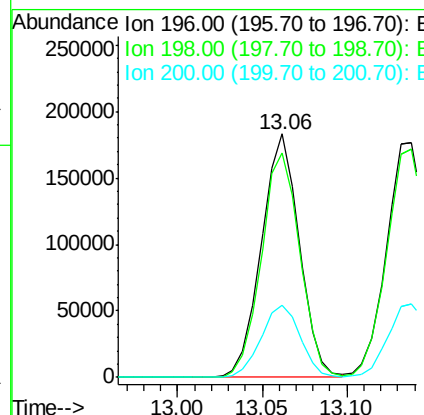
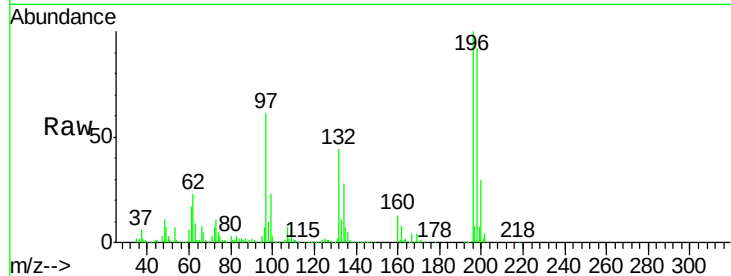
#43
2,4,6-Trichlorophenol
Concen: 47.744 ng
RT: 13.06 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	284136		
198	92.4	76.7	115.1	
200	29.9	24.3	36.5	

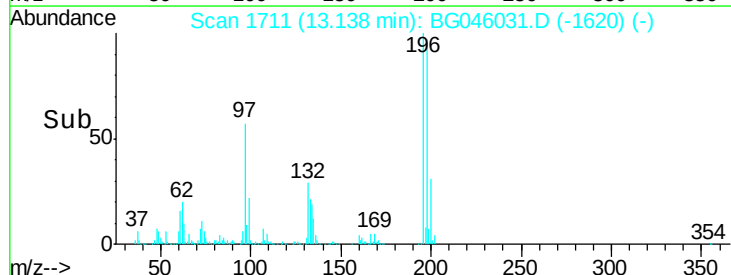
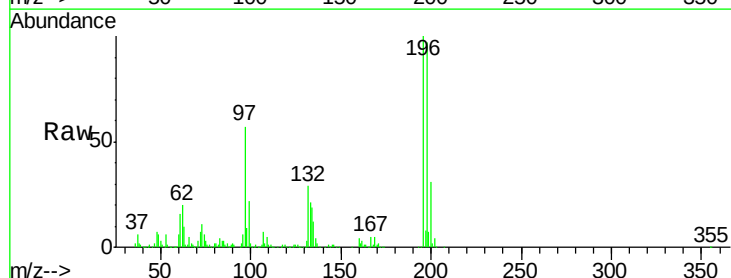
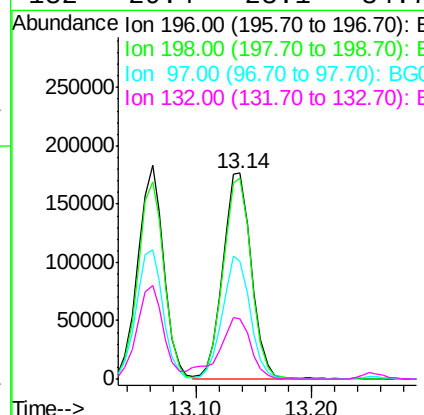
Manual Integrations
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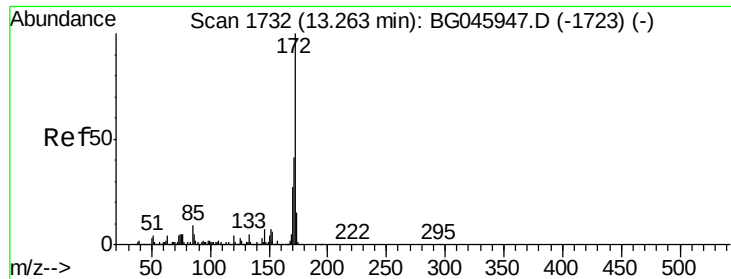
mohammad
7/15/2020 11:01:26 AM



#44
2,4,5-Trichlorophenol
Concen: 44.726 ng
RT: 13.14 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	300957		
198	97.4	77.0	115.6	
97	57.2	44.3	66.5	
132	29.4	23.1	34.7	





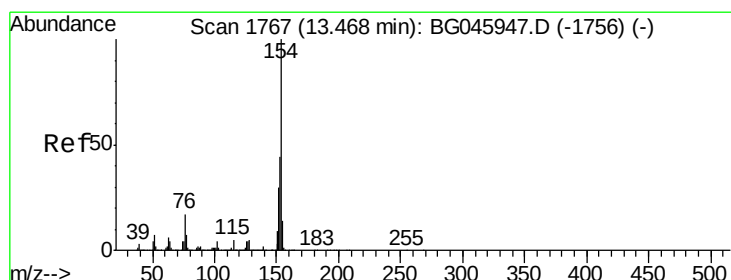
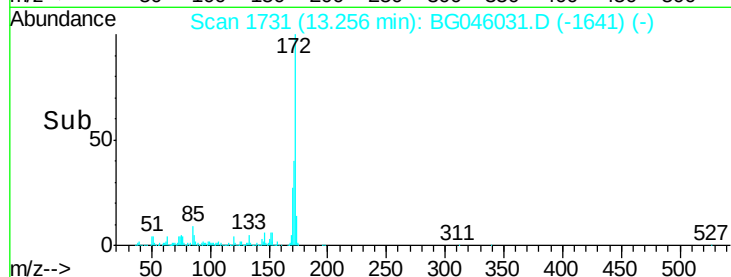
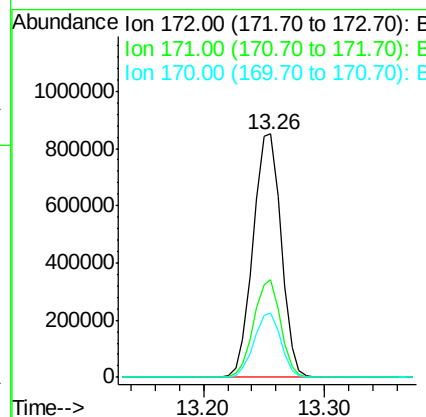
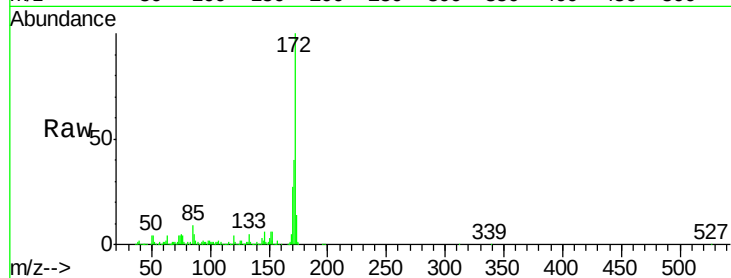
#45
2-Fluorobiphenyl
Concen: 69.110 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.2	32.9	49.3
170	26.6	21.8	32.6

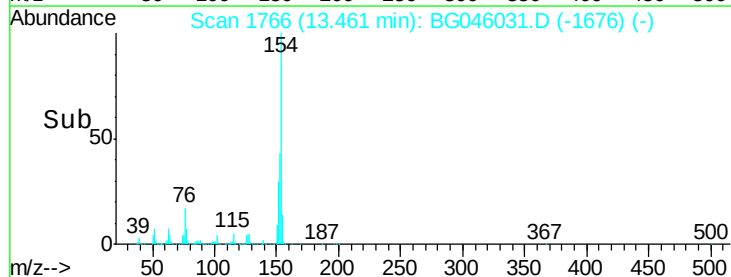
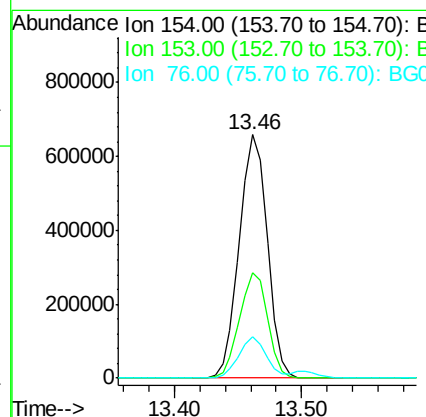
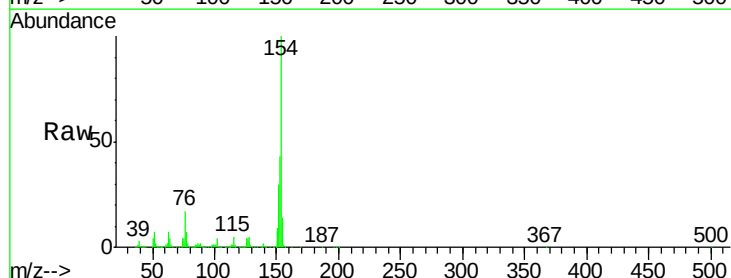
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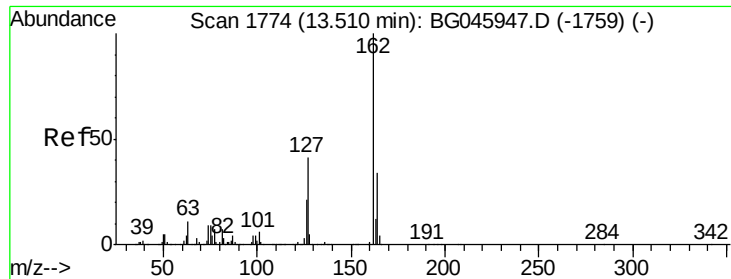
mohammad
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#46
1,1'-Biphenyl
Concen: 42.883 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	23.6	63.6
76	17.2	0.0	36.9





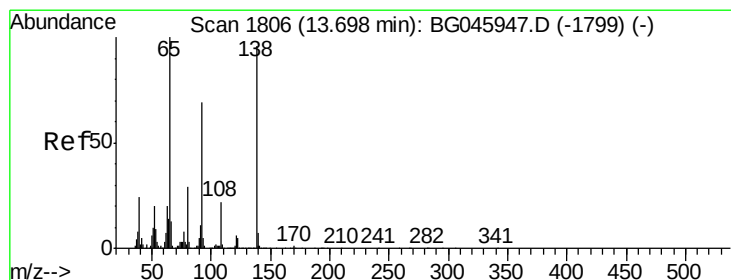
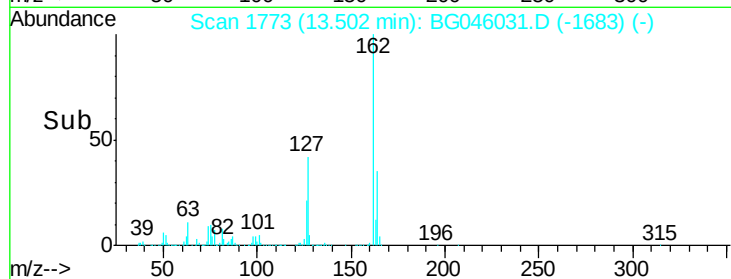
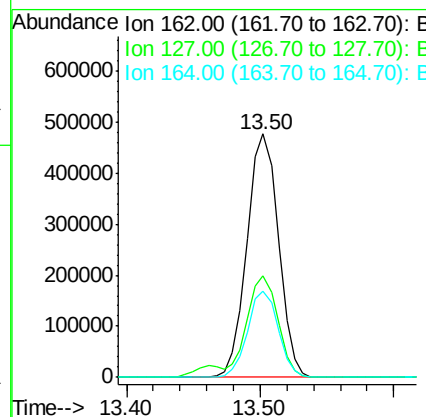
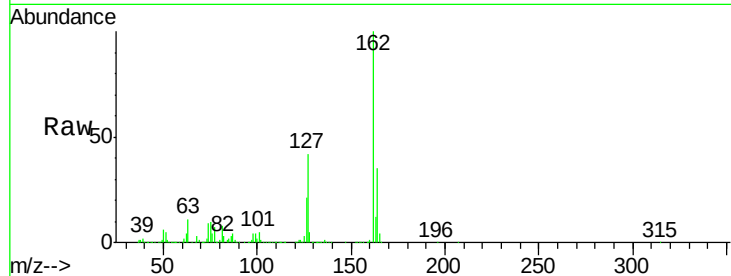
#47
2-Chloronaphthalene
Concen: 41.767 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.5	48.7
164	35.4	27.2	40.8

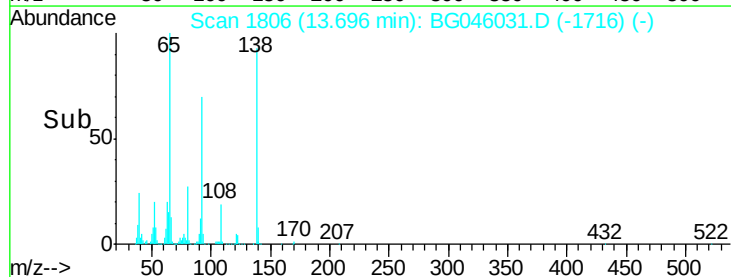
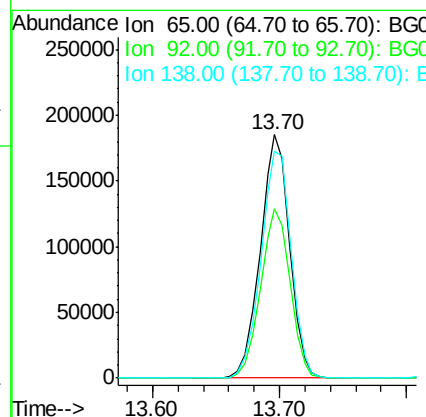
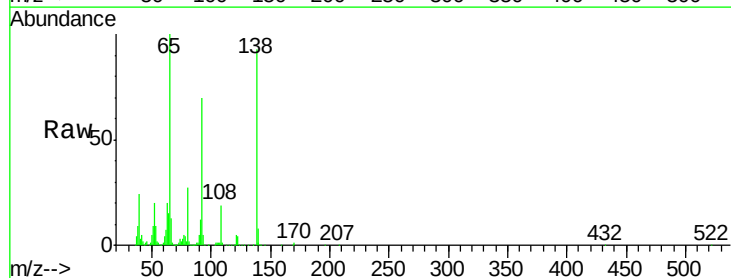
Manual Integrations
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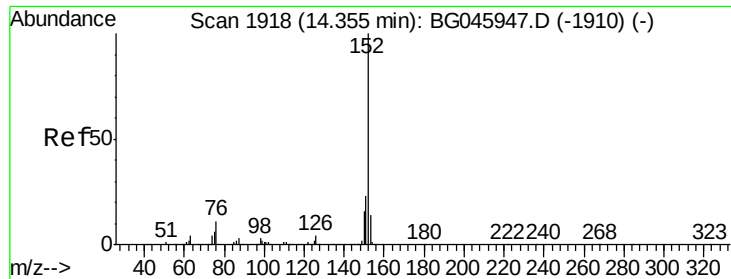
mohammad
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#48
2-Nitroaniline
Concen: 56.726 ng
RT: 13.70 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	55.4	83.0
138	93.1	77.0	115.4





#49

Acenaphthylene

Concen: 42.862 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

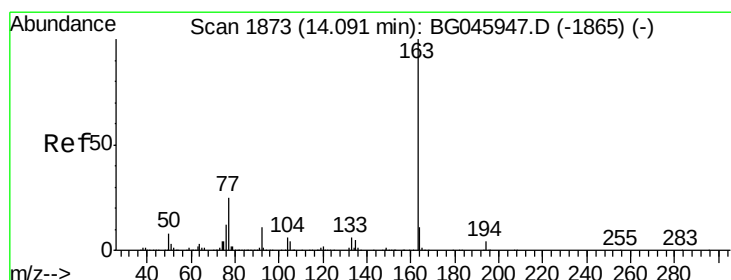
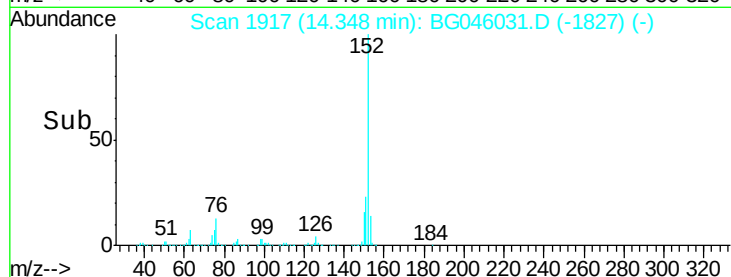
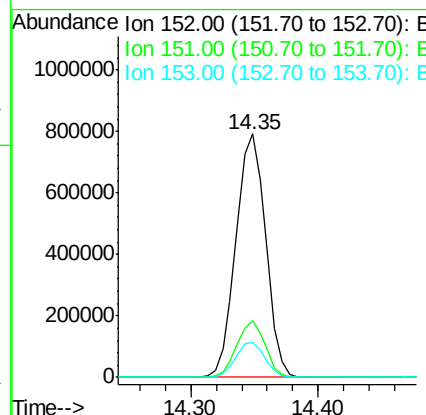
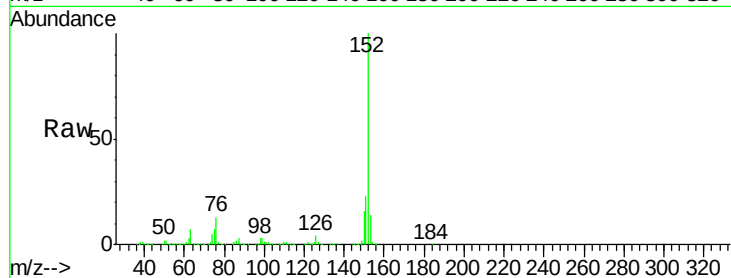
ClientSampleId :

PB130179BS

Tot Ion:	152	Resp:	1281320
Ion	Ratio	Lower	Upper
152	100		
151	23.4	18.1	27.1
153	14.2	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 43.621 ng

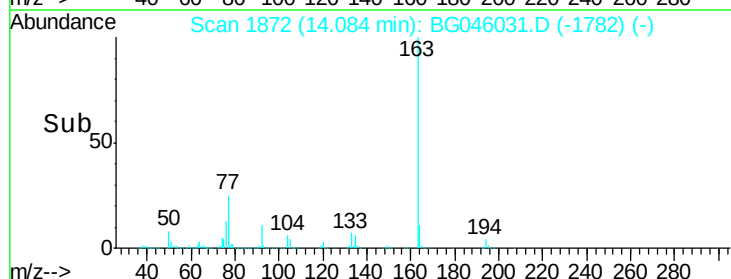
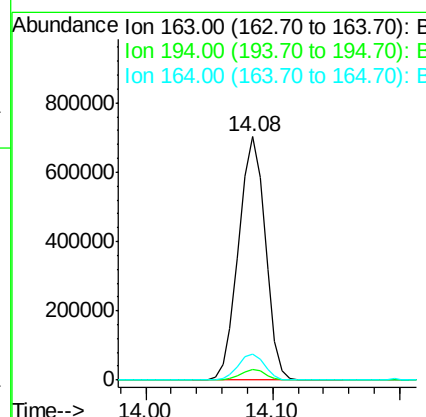
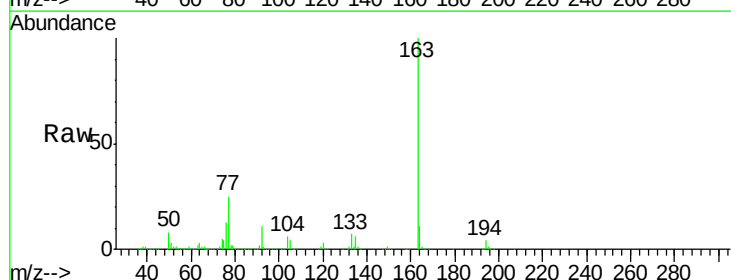
RT: 14.08 min Scan# 1872

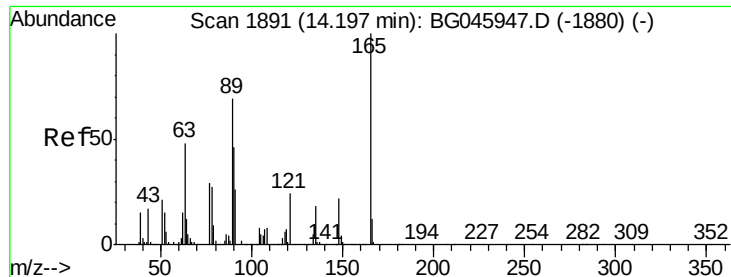
Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Tgt Ion:	163	Resp:	1021912
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.9	8.9	13.3





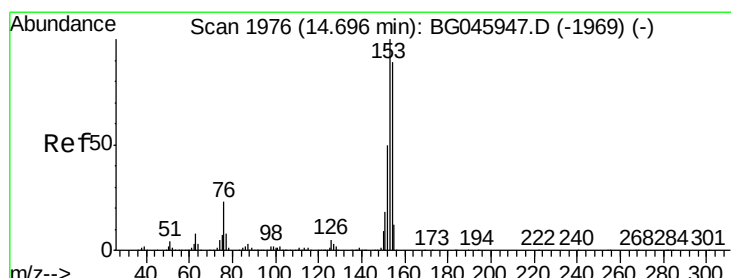
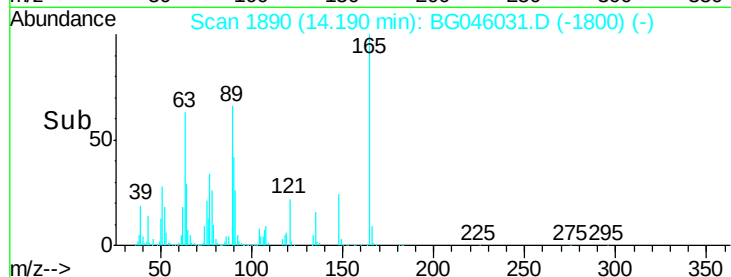
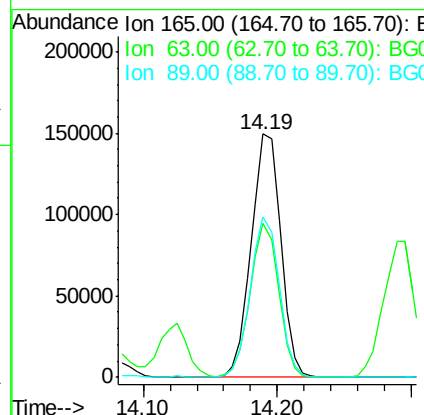
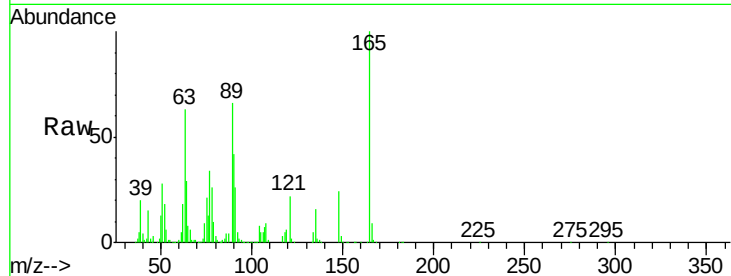
#51
2,6-Dinitrotoluene
Concen: 53.997 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	228121		
63	63.0	51.0	76.4	
89	66.1	55.7	83.5	

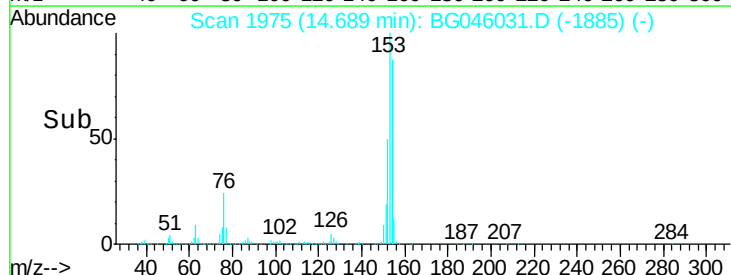
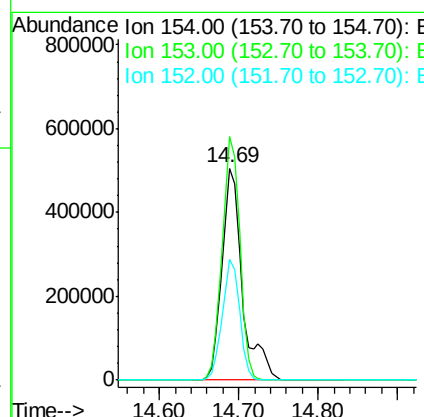
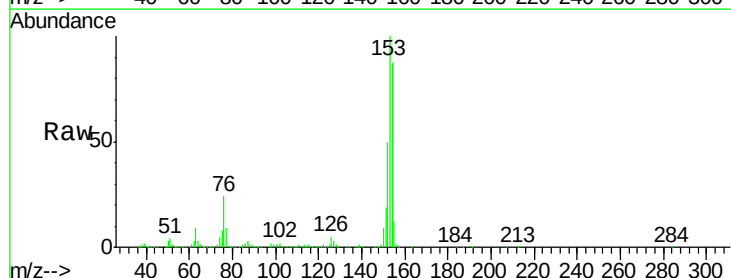
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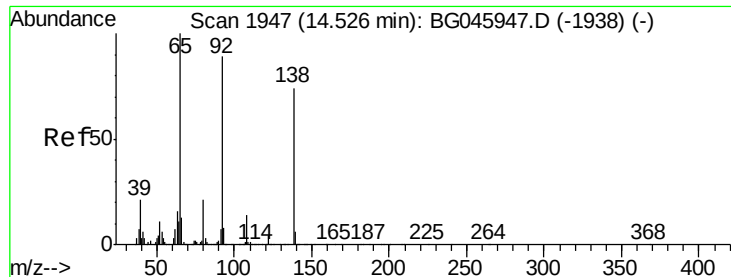
mohammad
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#52
Acenaphthene
Concen: 48.042 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	905874		
153	115.0	89.7	134.5	
152	57.3	44.7	67.1	





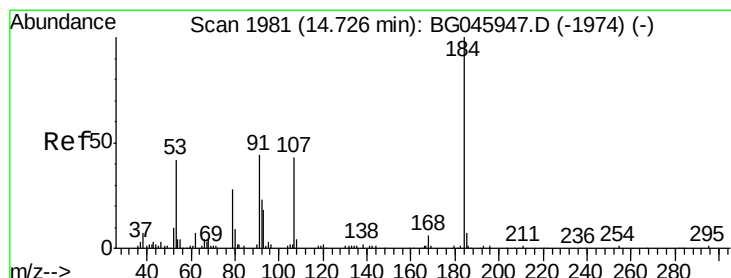
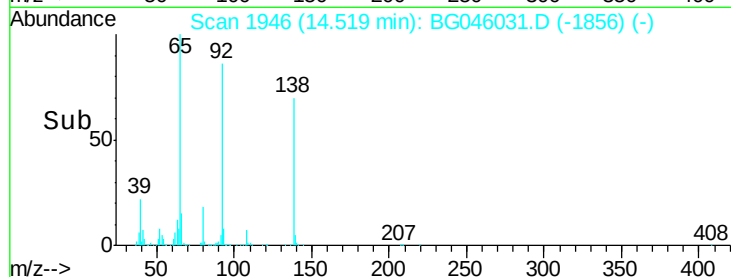
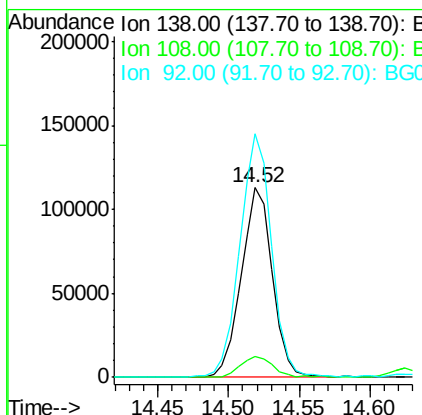
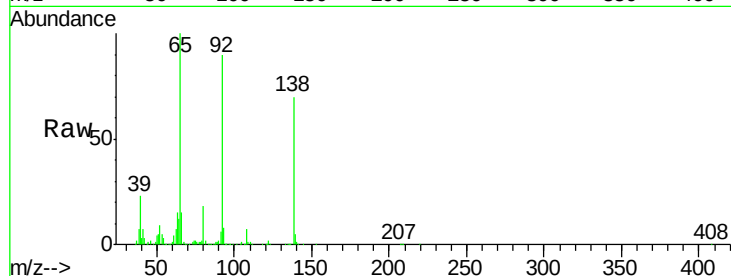
#53
3-Nitroaniline
Concen: 34.790 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	15.4	23.2#
92	128.6	95.9	143.9

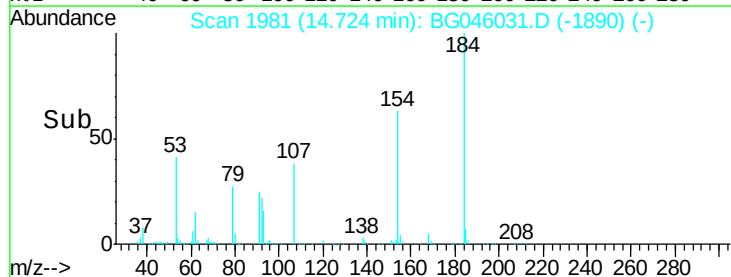
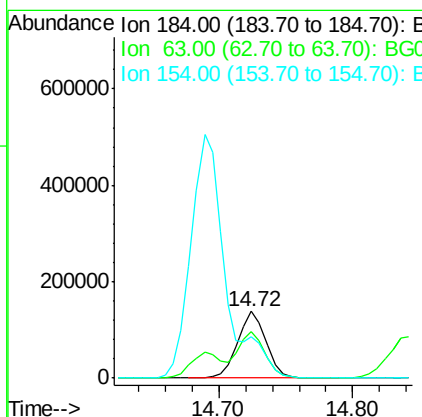
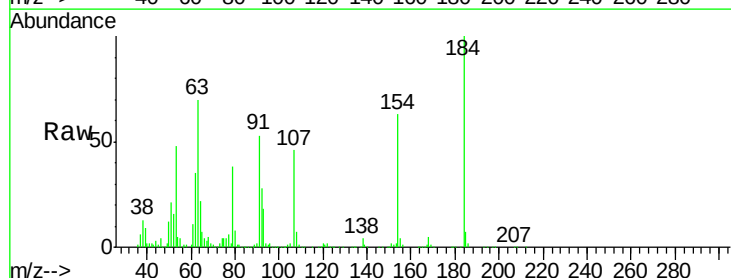
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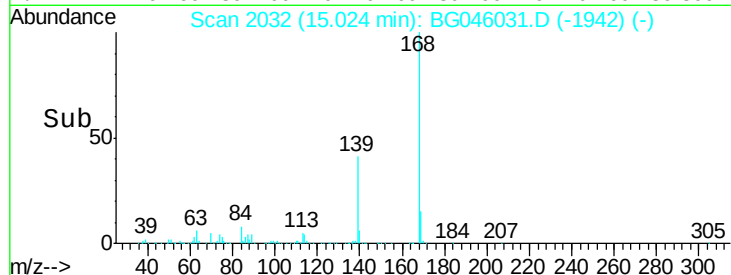
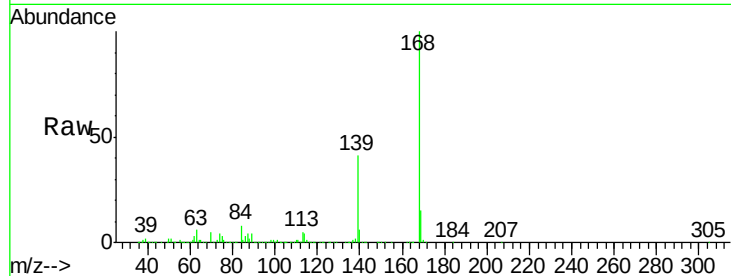
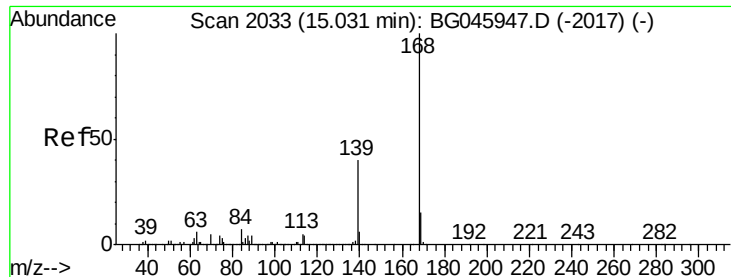
mohammad
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#54
2,4-Dinitrophenol
Concen: 126.124 ng
RT: 14.72 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.8	46.0	69.0#
154	62.8	58.2	87.2





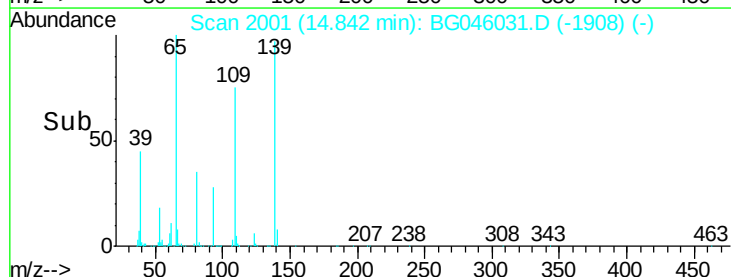
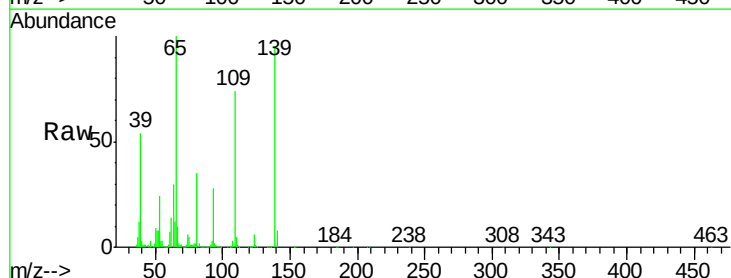
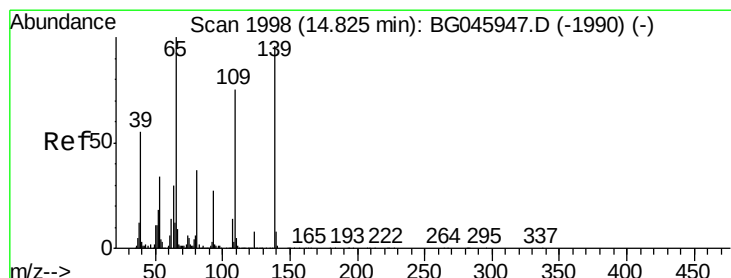
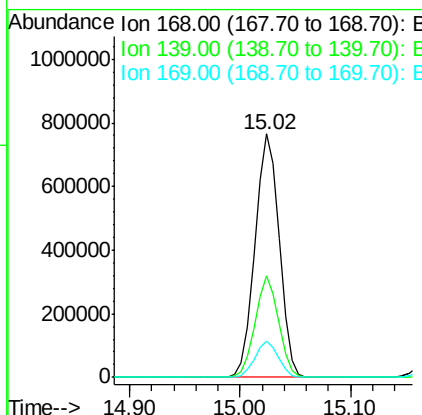
#55
Dibenzofuran
Concen: 42.732 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	32.2	48.2
169	14.8	11.8	17.8

Instrument :
BNA_G
ClientSampleId :
PB130179BS

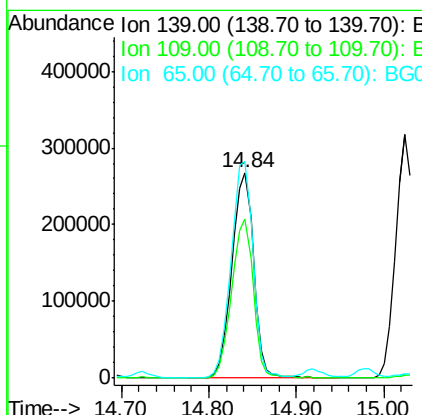
Manual Integrations
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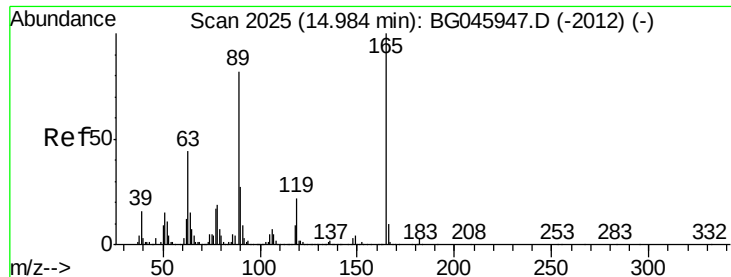
mohammad
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#56
4-Nitrophenol
Concen: 117.560 ng
RT: 14.84 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.5	58.5	98.5
65	105.3	84.7	124.7





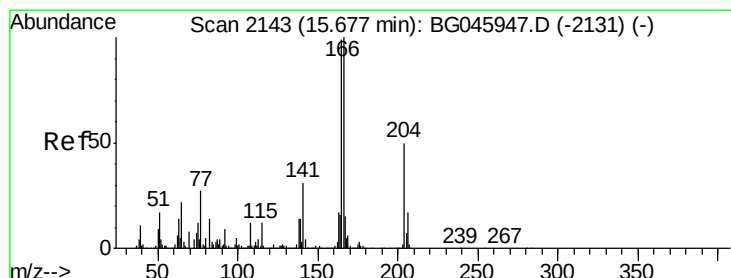
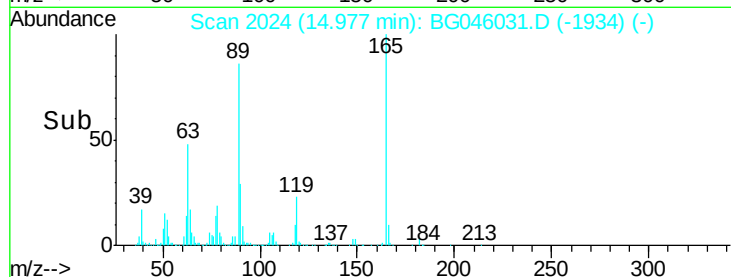
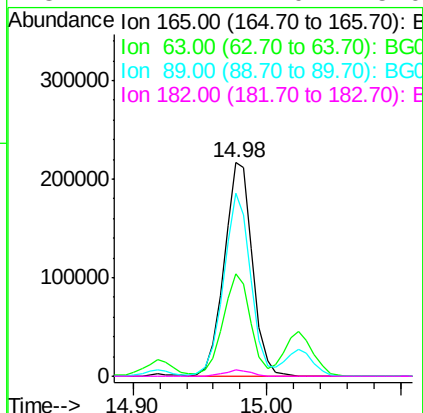
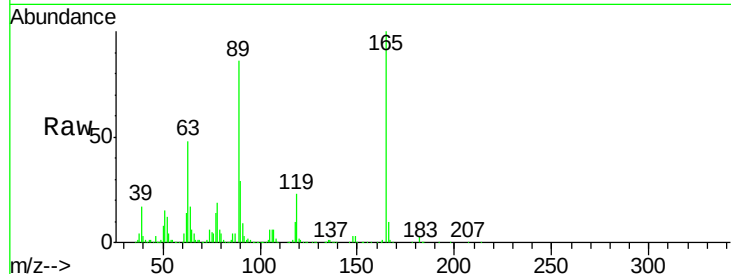
#57
2,4-Dinitrotoluene
Concen: 58.566 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	320048		
63	48.0		35.4	53.0
89	86.0		65.4	98.2
182	2.7		2.0	3.0

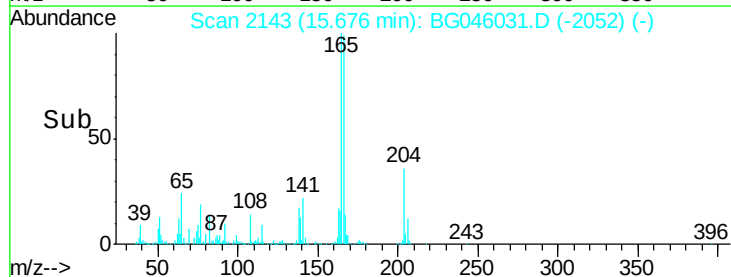
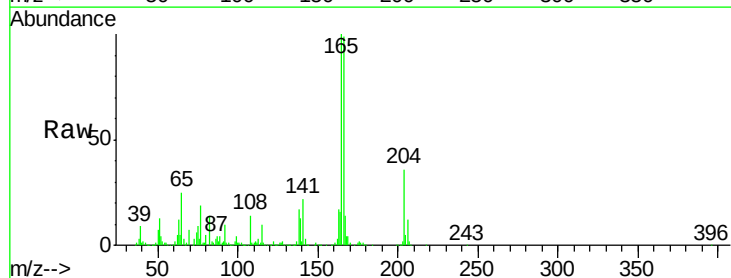
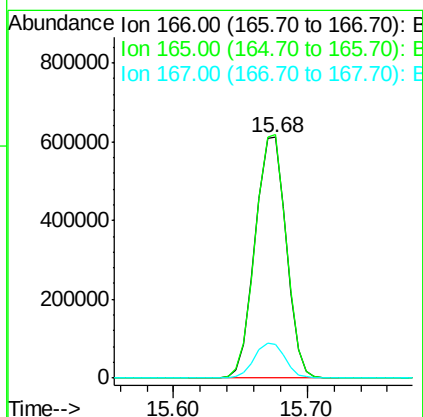
Manual Integrations
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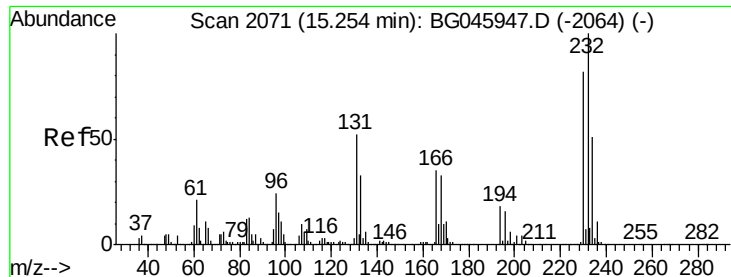
mohammad
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#58
Fluorene
Concen: 43.313 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	982089		
165	101.0		78.9	118.3
167	14.0		12.1	18.1





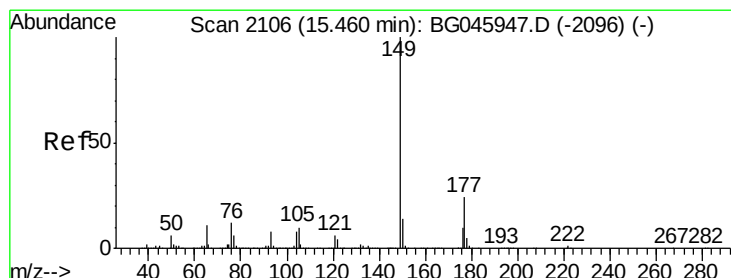
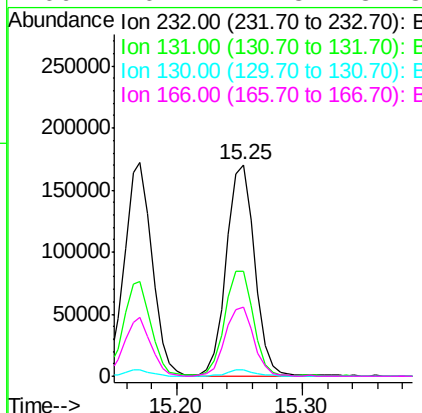
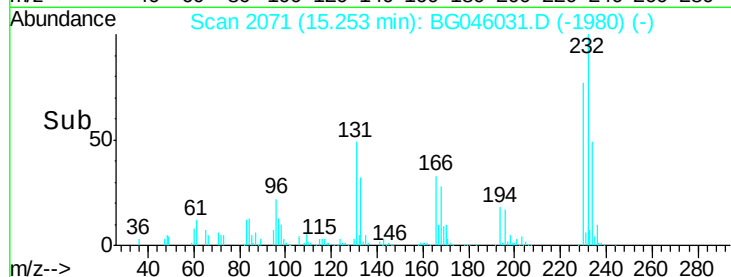
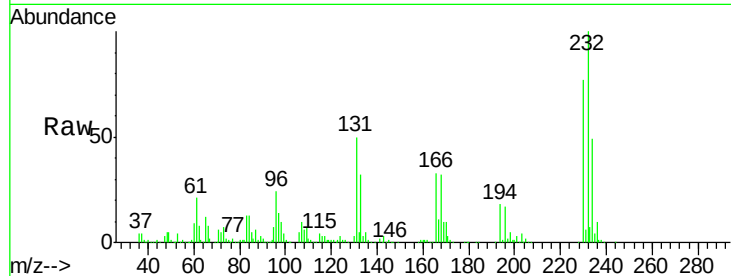
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.842 ng/ml
RT: 15.25 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleID :
PB130179BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	269329		
131	43.8		35.8	53.6
130	2.8		2.5	3.7
166	26.1		21.8	32.8

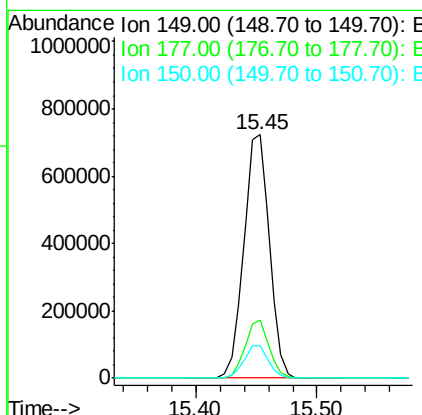
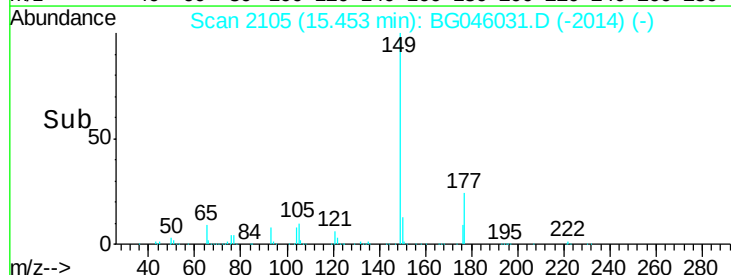
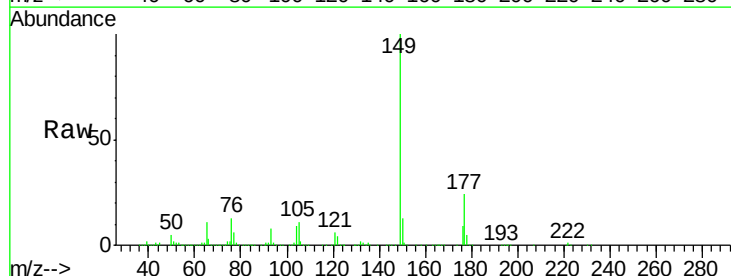
Manual Integrations
APPROVED

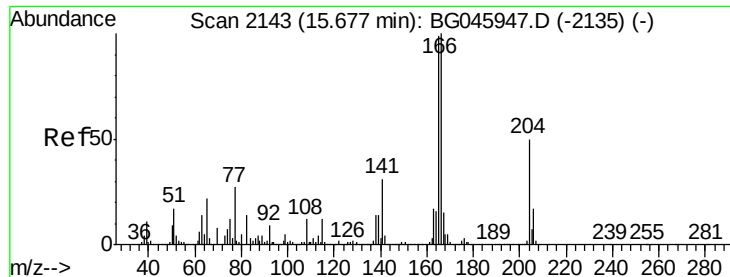
mohammad
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#60
Diethylphthalate
Concen: 43.373 ng/ml
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1065632		
177	23.8		19.0	28.4
150	13.2		11.0	16.4





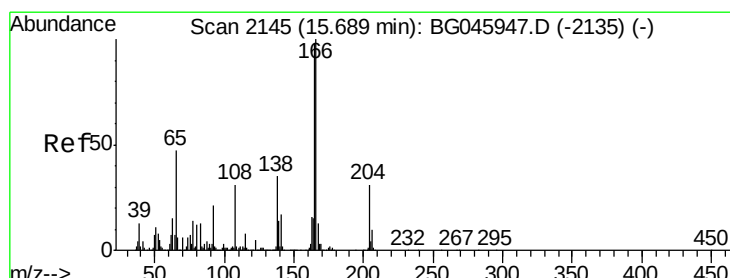
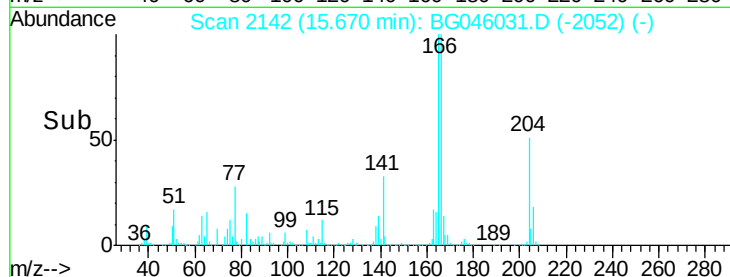
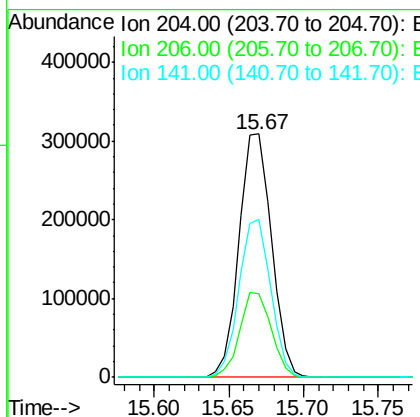
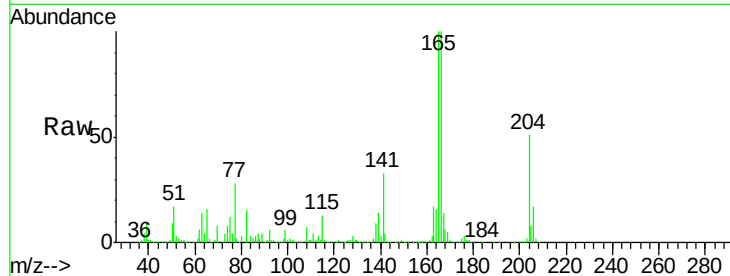
#61
4-Chlorophenyl-phenylether
Concen: 41.244 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.1	40.7
141	65.1	49.8	74.8

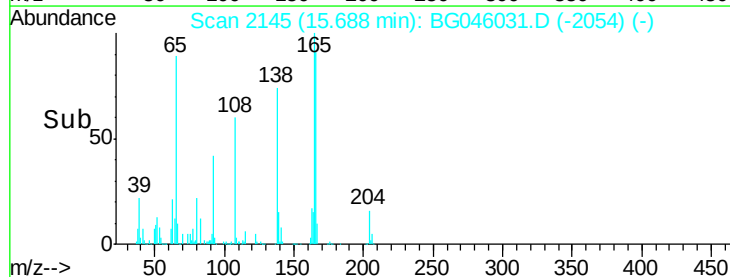
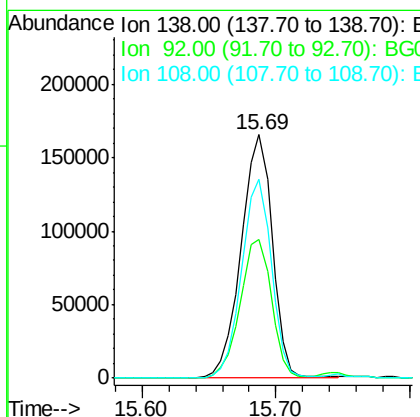
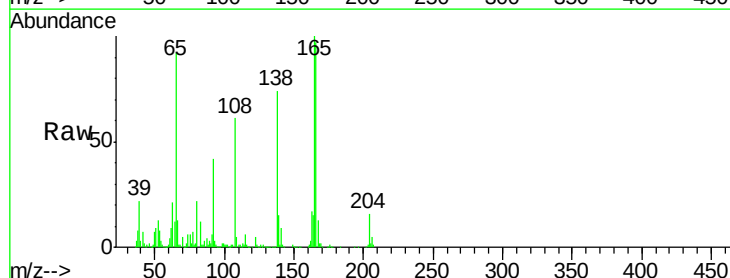
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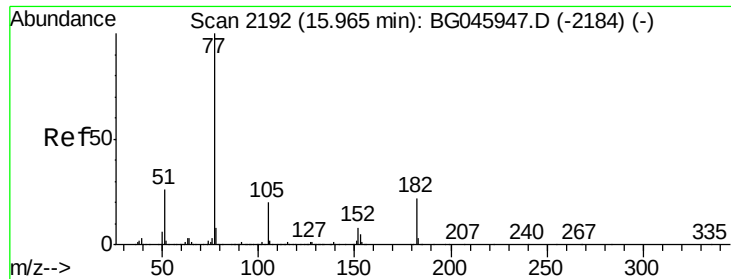
mohammad
7/15/2020 11:01:26 AM



#62
4-Nitroaniline
Concen: 55.475 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	40.3	80.3
108	81.8	68.0	108.0





#63

Azobenzene

Concen: 45.159 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

Tot Ion: 77 Resp: 1190836

Ion Ratio Lower Upper

77 100

182 22.3 2.4 42.4

105 20.9 0.3 40.3

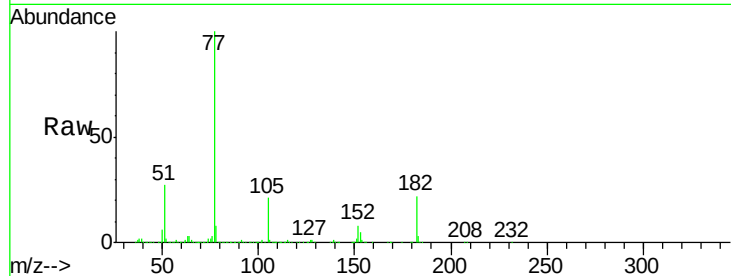
51 26.5 6.3 46.3

Manual Integrations

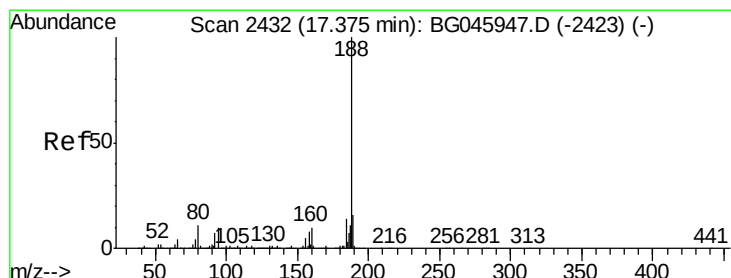
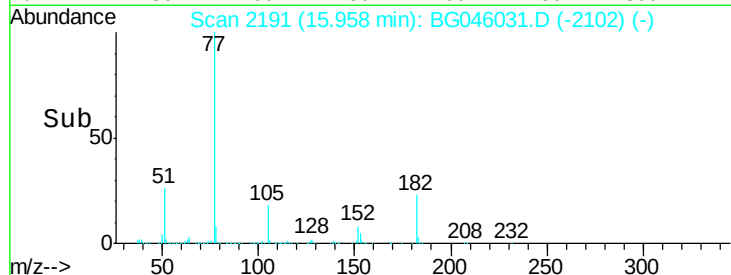
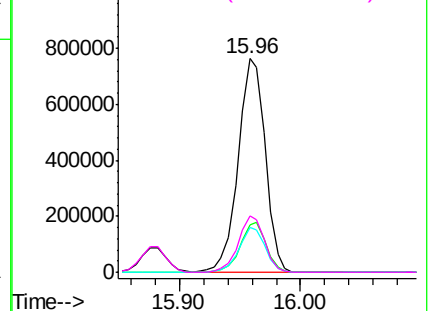
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

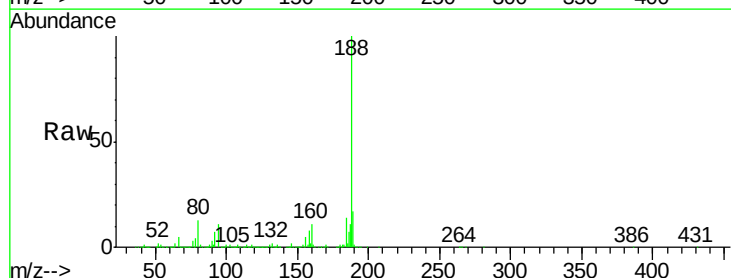
Tgt Ion: 188 Resp: 668915

Ion Ratio Lower Upper

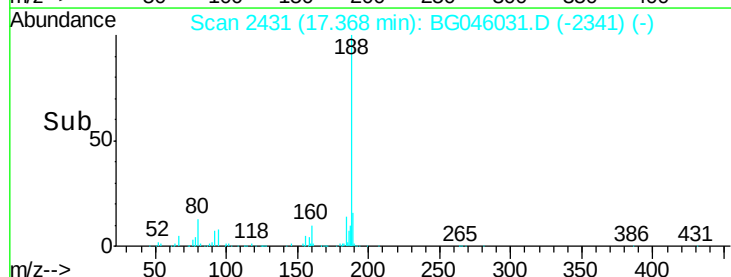
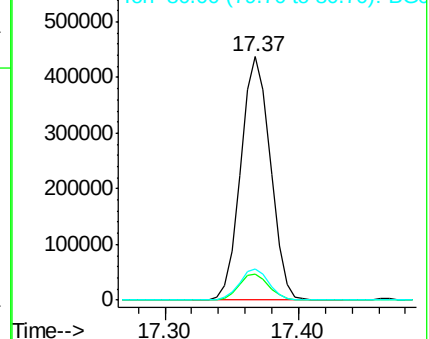
188 100

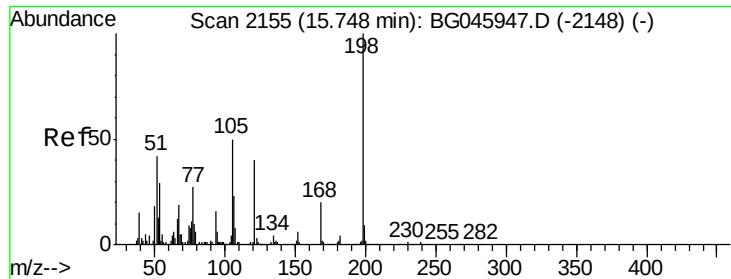
94 10.9 8.2 12.4

80 12.9 9.0 13.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 61.703 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

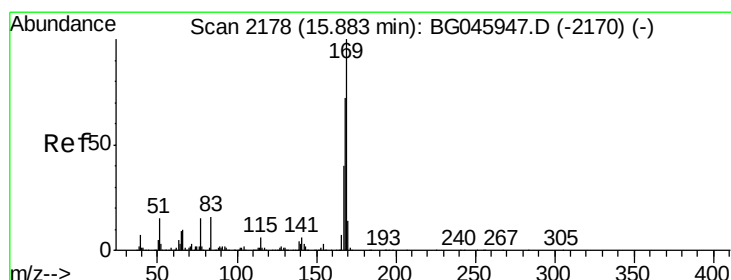
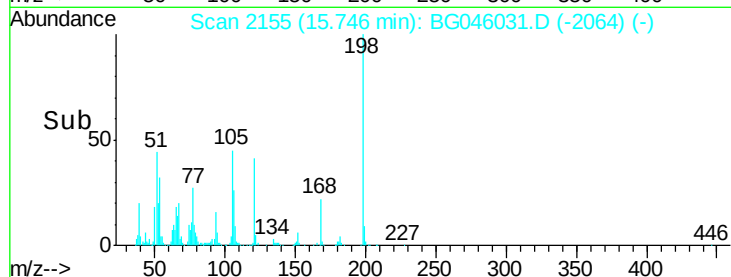
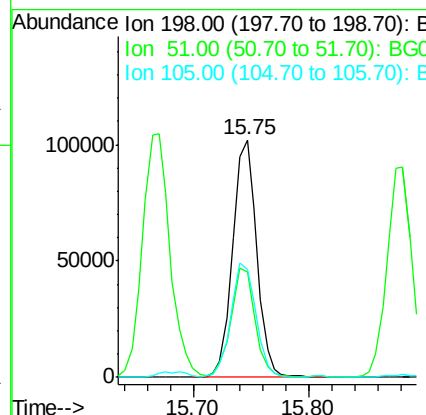
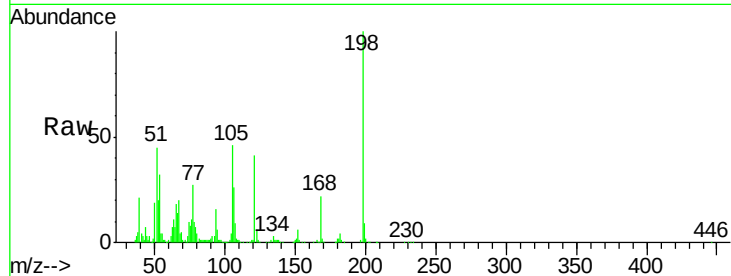
ClientSampleId :

PB130179BS

Tot Ion:	198	Resp:	147314
Ion Ratio	Lower	Upper	
198	100		
51	44.6	24.5	64.5
105	45.6	30.9	70.9

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 43.631 ng

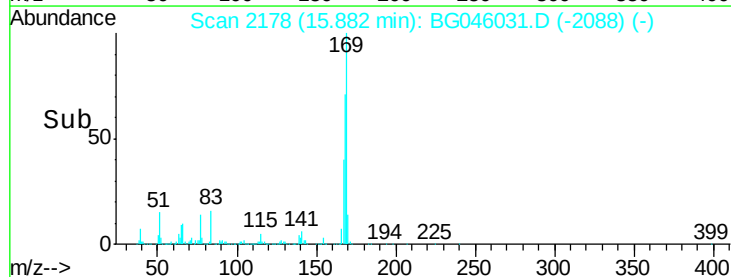
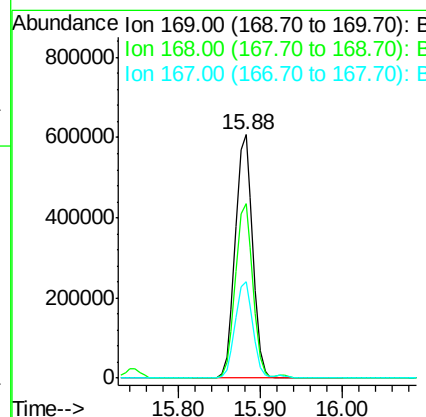
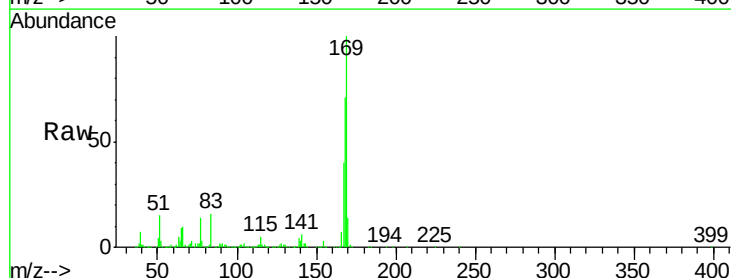
RT: 15.88 min Scan# 2178

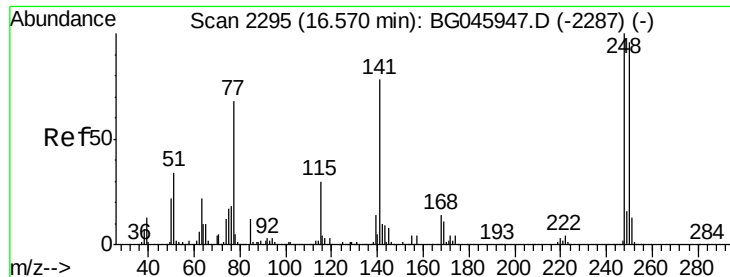
Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Tgt Ion:	169	Resp:	904403
Ion Ratio	Lower	Upper	
169	100		
168	71.5	57.3	85.9
167	39.7	32.1	48.1





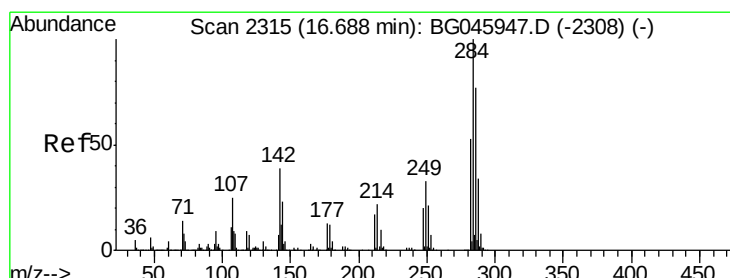
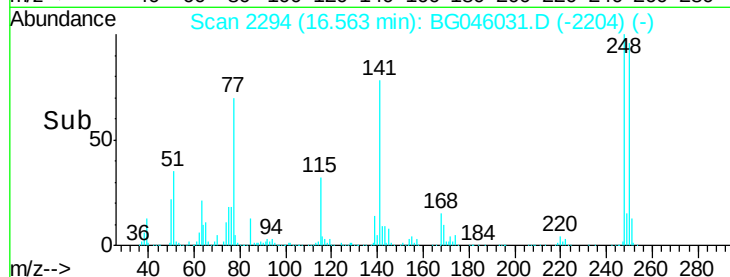
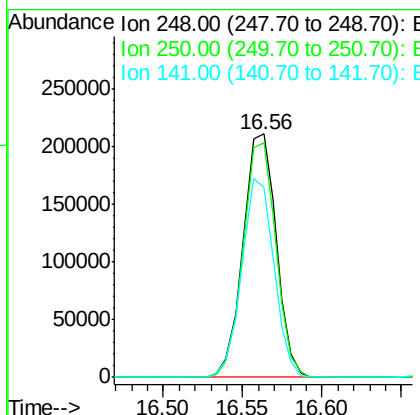
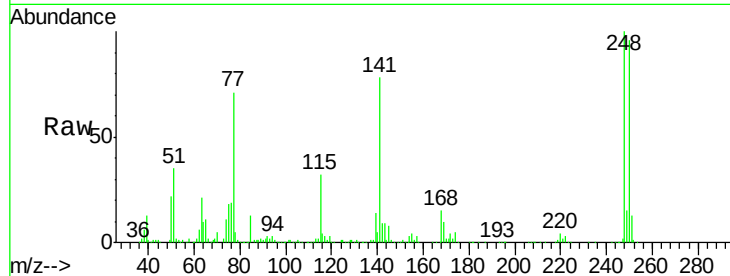
#67
4-Bromophenyl-phenylether
Concen: 41.090 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.6	114.8
141	77.8	62.7	94.1

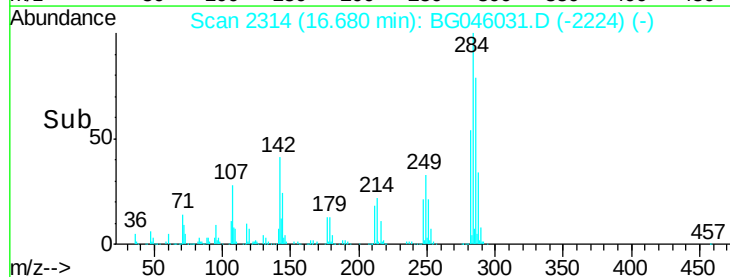
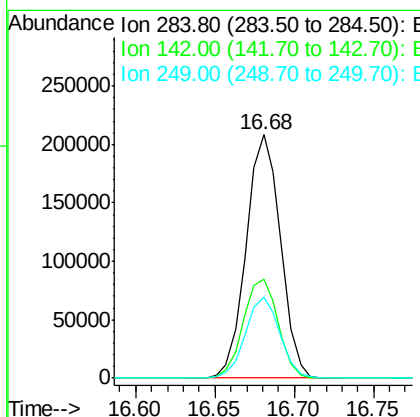
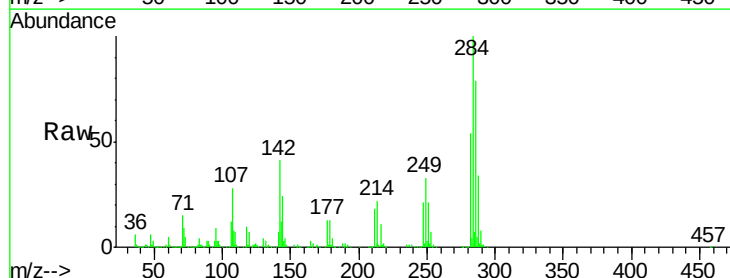
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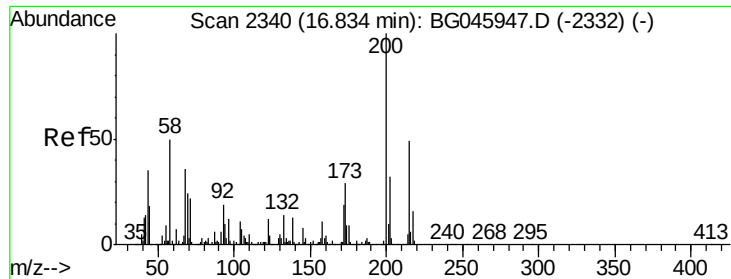
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#68
Hexachlorobenzene
Concen: 41.738 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.7	31.3	46.9
249	33.2	26.8	40.2





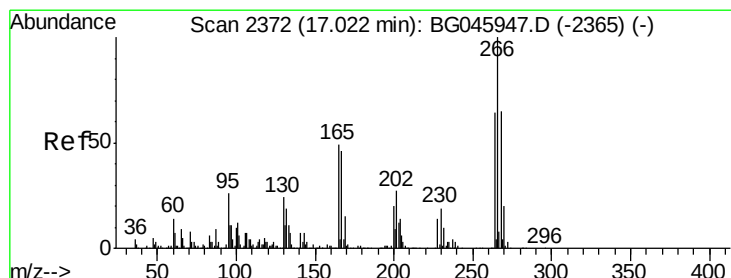
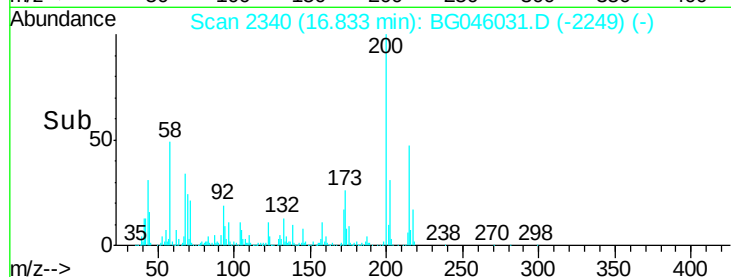
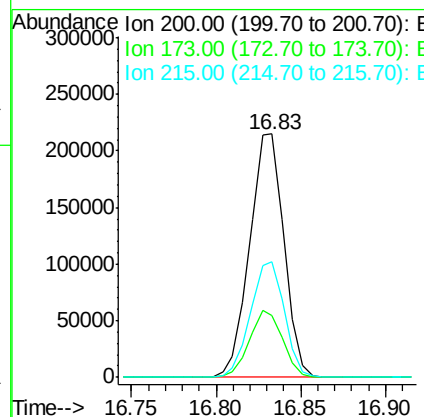
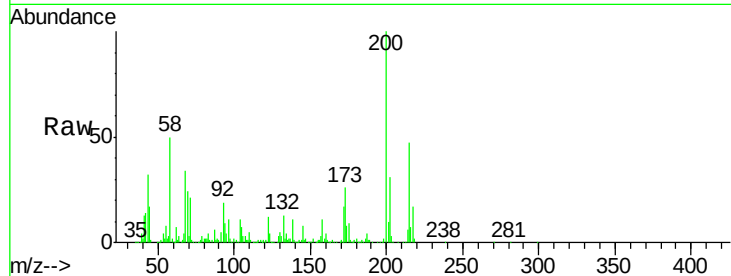
#69
Atrazine
Concen: 49.585 ng
RT: 16.83 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.7	9.1	49.1
215	47.4	28.8	68.8

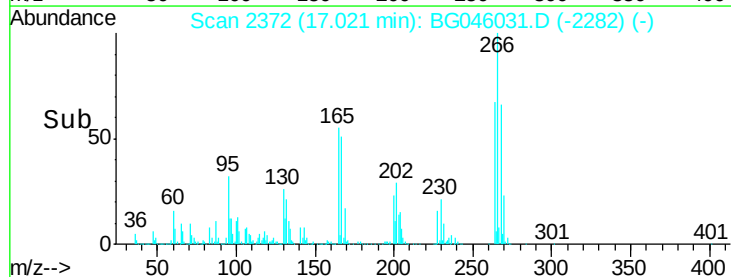
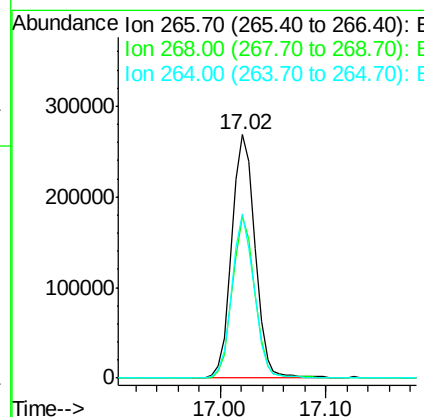
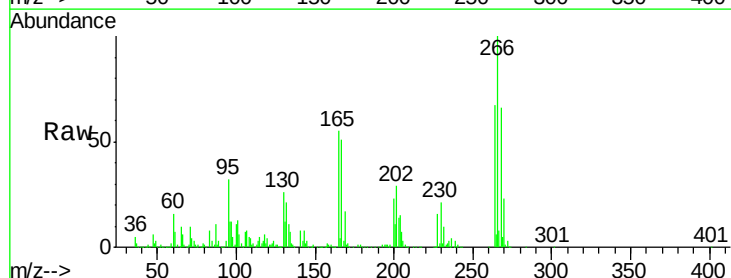
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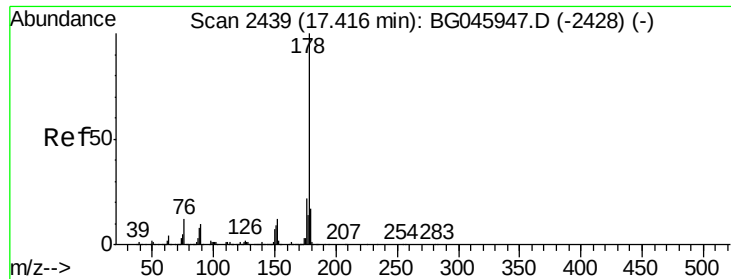
mohammad
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#70
Pentachlorophenol
Concen: 98.179 ng
RT: 17.02 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.3	51.8	77.8
264	67.4	51.4	77.0





#71

Phenanthrene

Concen: 43.529 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

Tot Ion:178 Resp: 1539345

Ion Ratio Lower Upper

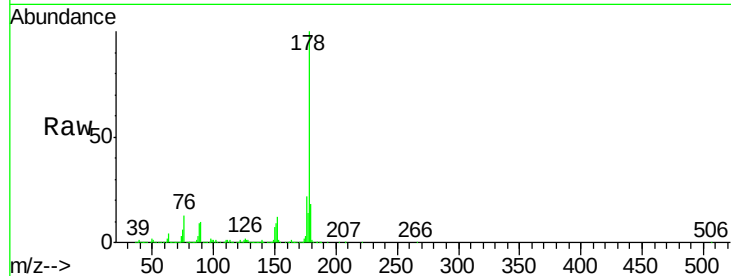
178 100

176 22.0 17.4 26.2

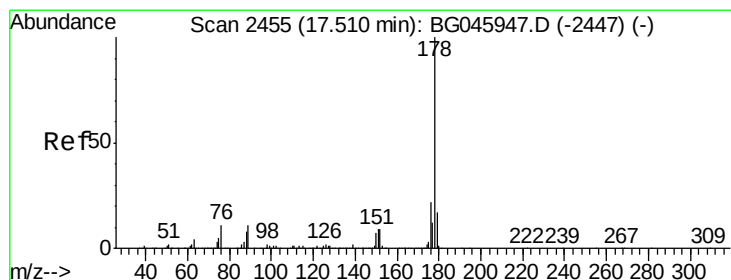
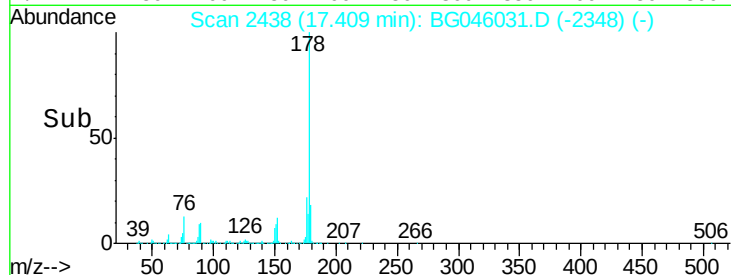
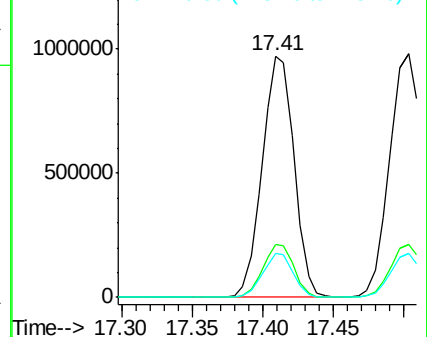
179 18.0 13.4 20.2

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



#72

Anthracene

Concen: 44.079 ng

RT: 17.50 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

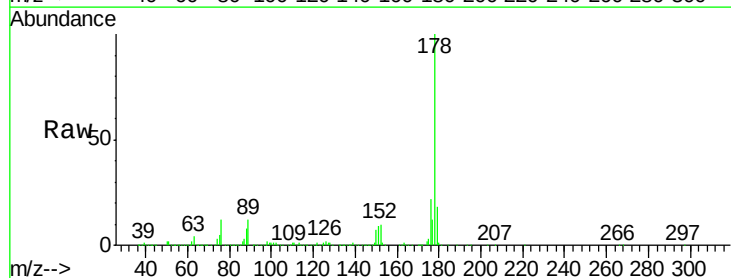
Tgt Ion:178 Resp: 1581915

Ion Ratio Lower Upper

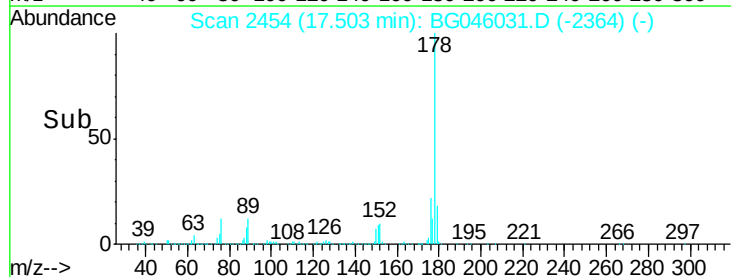
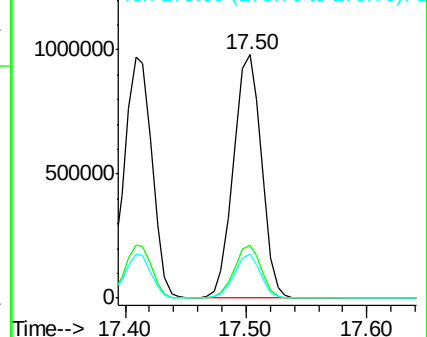
178 100

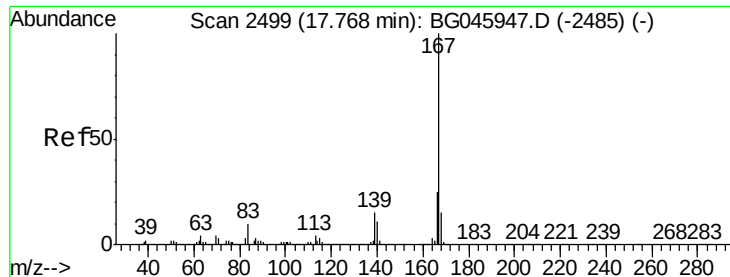
176 22.0 17.2 25.8

179 17.9 14.0 21.0



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





#73

Carbazole

Concen: 42.893 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

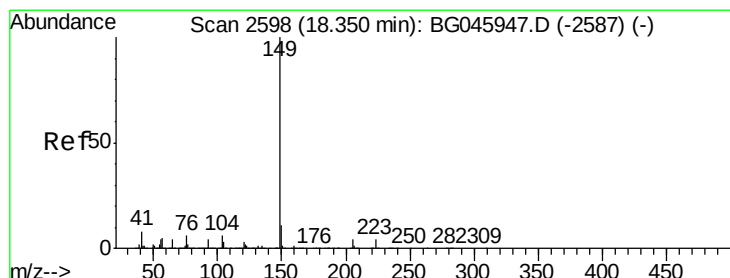
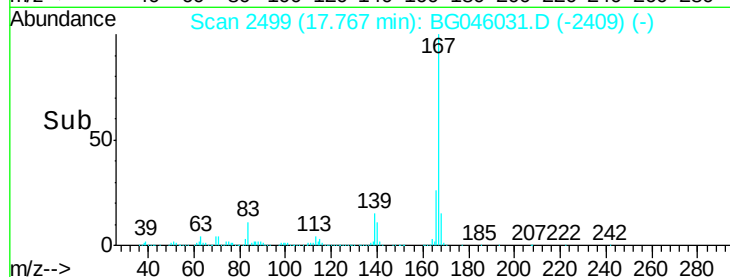
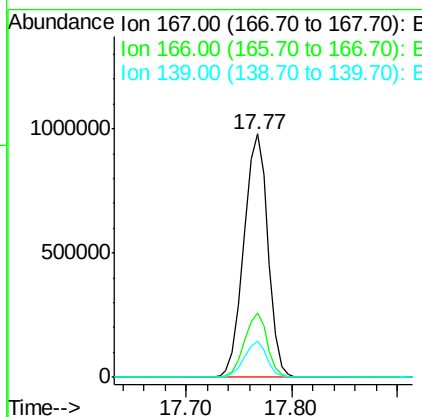
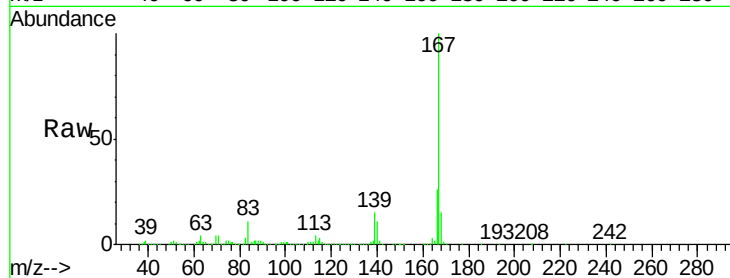
ClientSampleId :

PB130179BS

Tot Ion:	167	Resp:	1542991
Ion	Ratio	Lower	Upper
167	100		
166	26.5	20.4	30.6
139	14.9	11.8	17.8

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#74

Di-n-butylphthalate

Concen: 42.328 ng

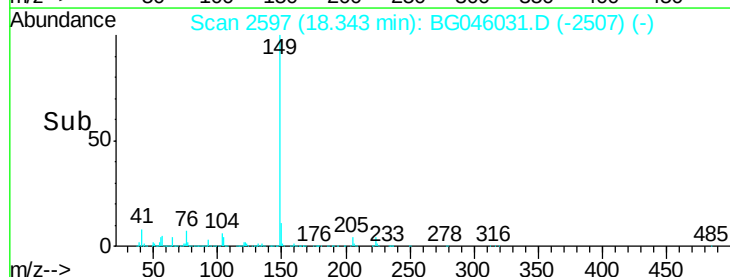
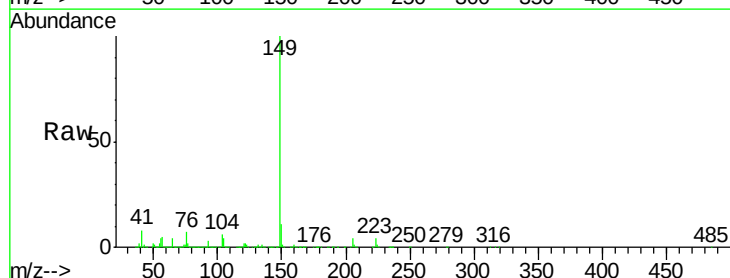
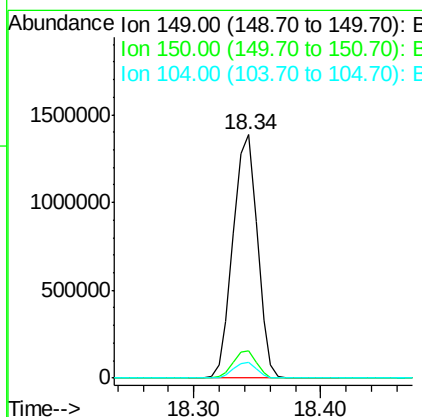
RT: 18.34 min Scan# 2597

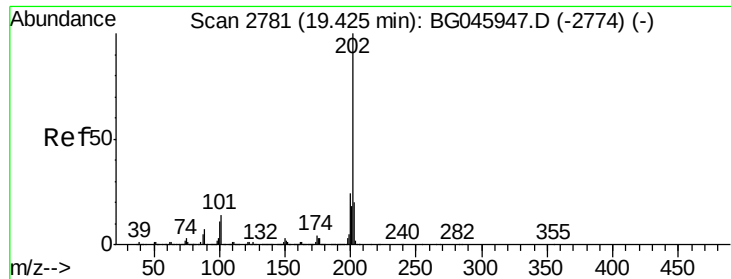
Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Tgt Ion:	149	Resp:	1839973
Ion	Ratio	Lower	Upper
149	100		
150	11.1	9.0	13.4
104	6.5	5.2	7.8





#75

Fluoranthene

Concen: 43.666 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

Tot Ion:202 Resp: 1785125

Ion Ratio Lower Upper

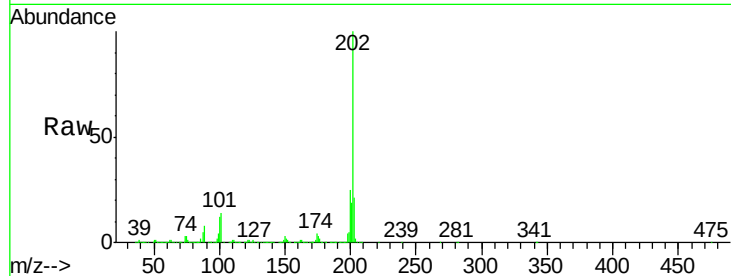
202 100

101 14.5 0.0 33.8

203 21.2 0.4 40.4

Manual Integrations
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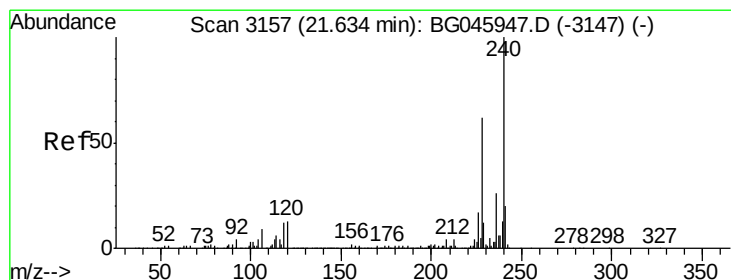
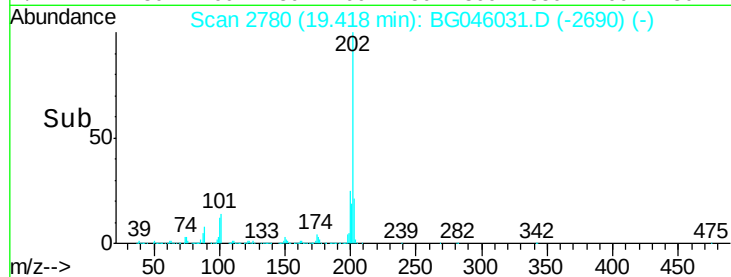
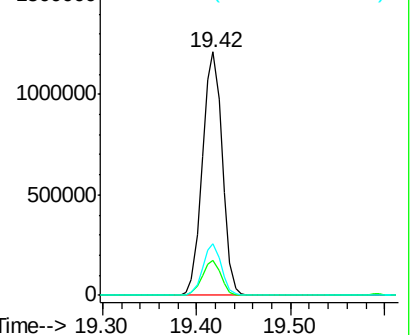
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

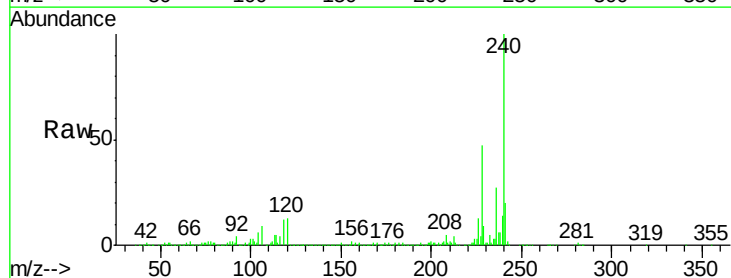
Tgt Ion:240 Resp: 595680

Ion Ratio Lower Upper

240 100

120 13.4 10.6 16.0

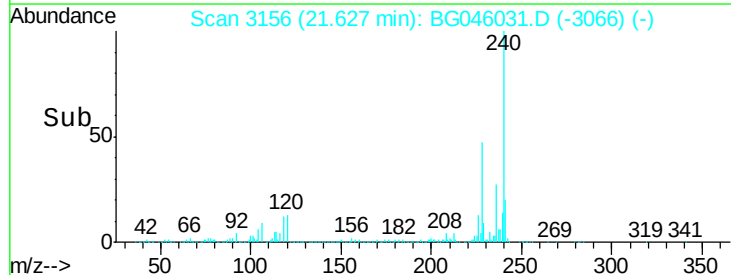
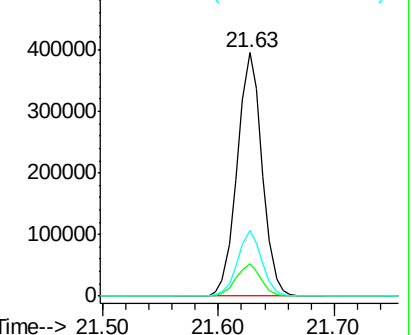
236 27.2 20.4 30.6

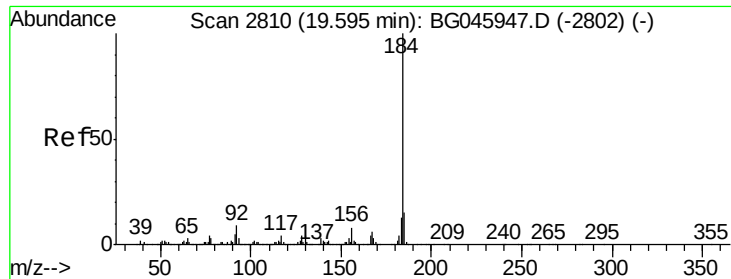


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.421 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

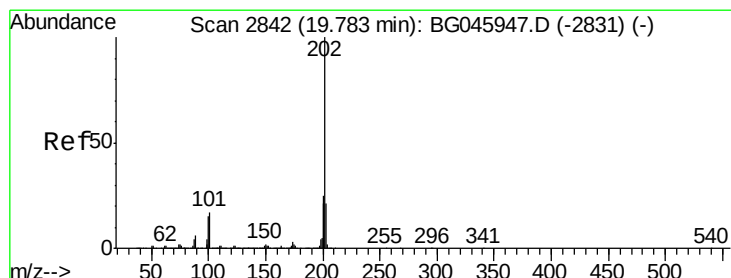
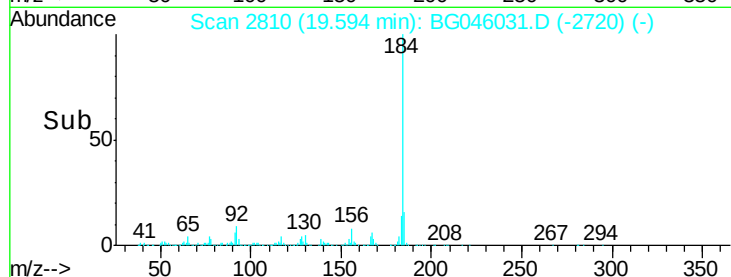
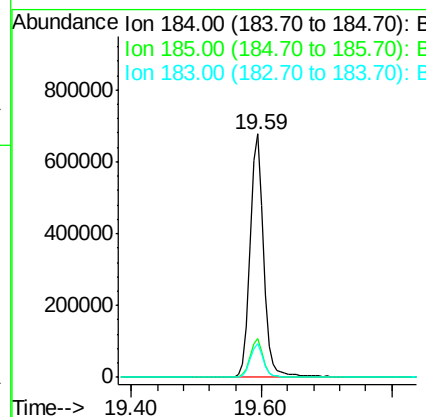
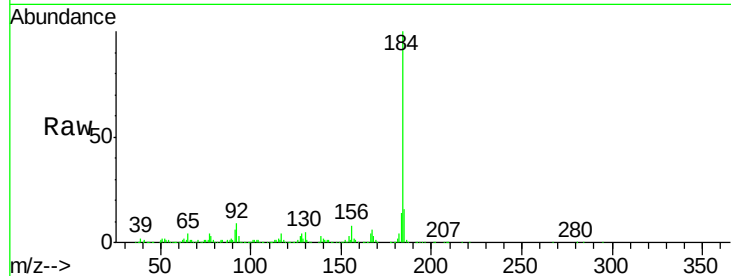
ClientSampleId :

PB130179BS

Tot Ion:	184	Resp:	977994
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.6	17.4
183	13.8	10.4	15.6

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#78

Pyrene

Concen: 44.191 ng

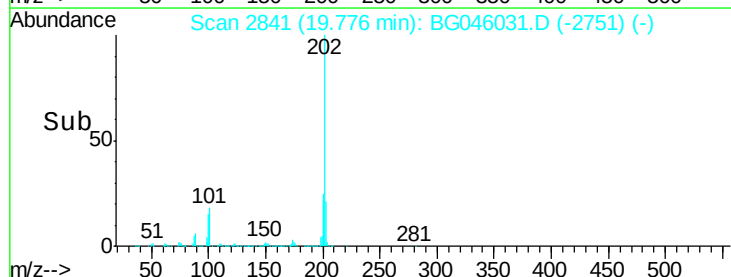
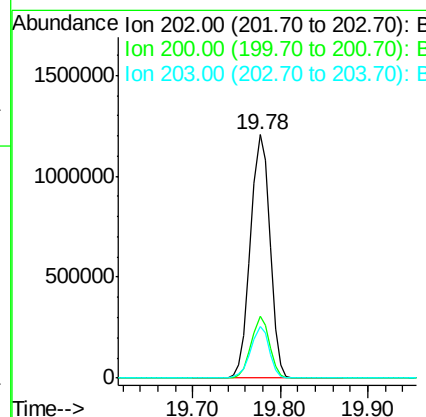
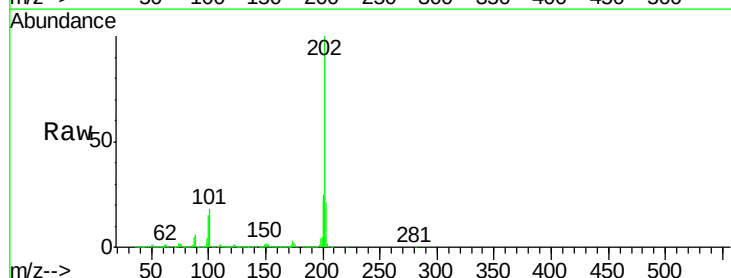
RT: 19.78 min Scan# 2841

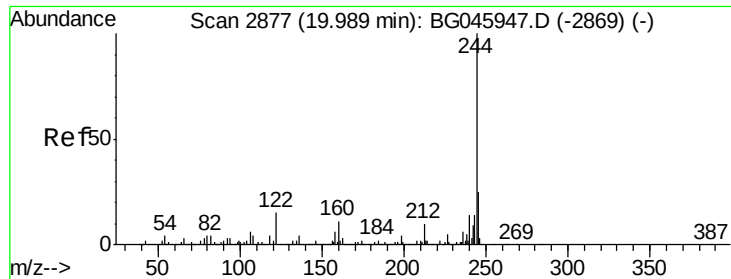
Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Tgt Ion:	202	Resp:	1796852
Ion Ratio	Lower	Upper	
202	100		
200	25.4	20.1	30.1
203	21.1	16.5	24.7





#79

Terphenyl-d14

Concen: 66.920 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

Instrument :

BNA_G

ClientSampleId :

PB130179BS

Tot Ion:244 Resp: 1791165

Ion Ratio Lower Upper

244 100

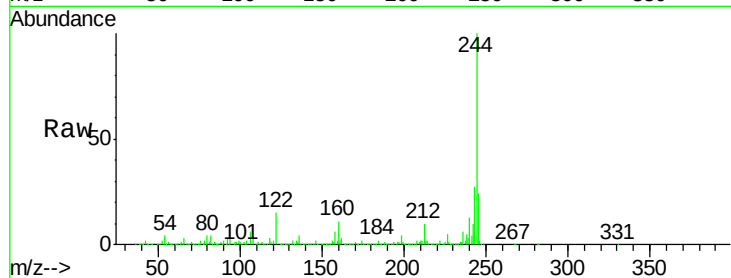
212 9.6 8.3 12.5

122 14.7 12.1 18.1

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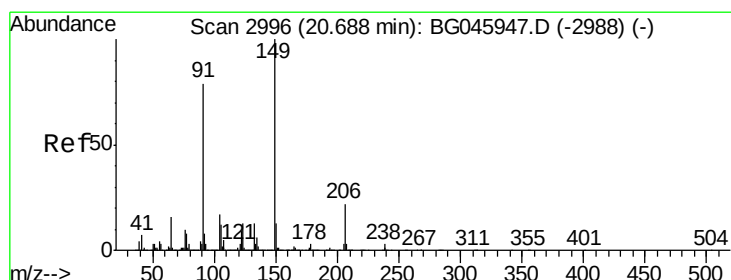
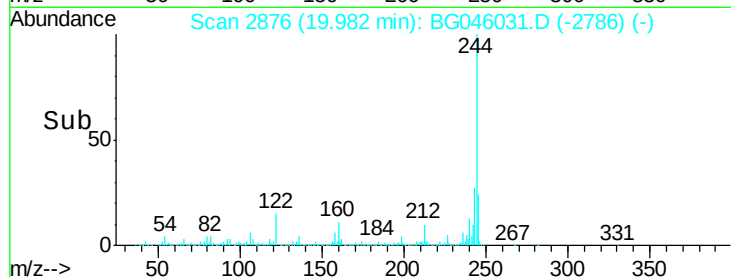
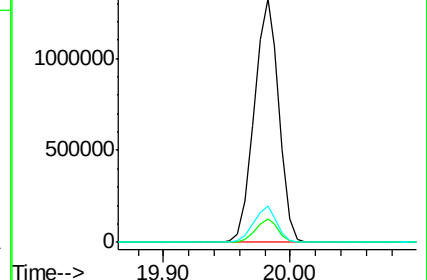
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.287 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG046031.D

Acq: 14 Jul 2020 13:46

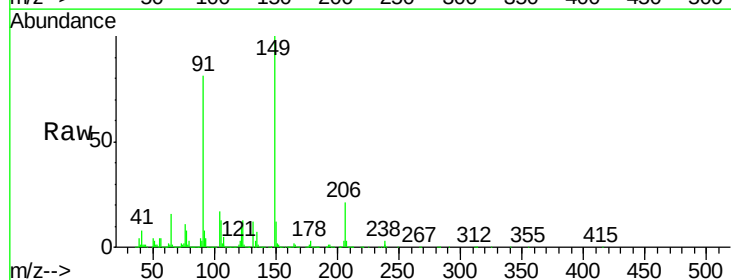
Tgt Ion:149 Resp: 889408

Ion Ratio Lower Upper

149 100

91 80.7 63.1 94.7

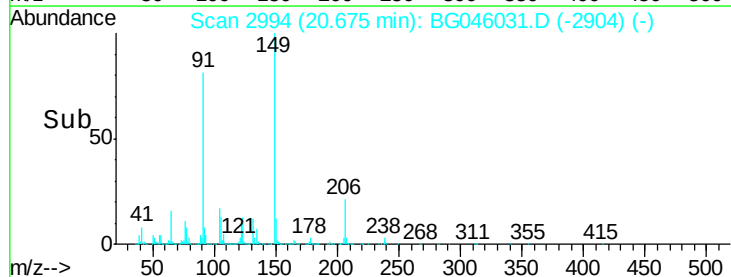
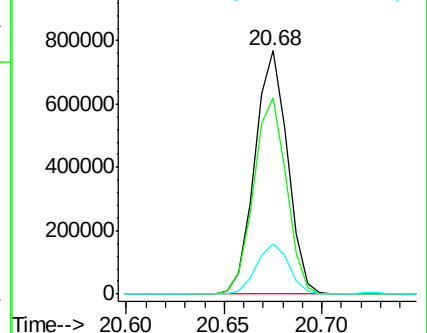
206 20.9 17.4 26.0

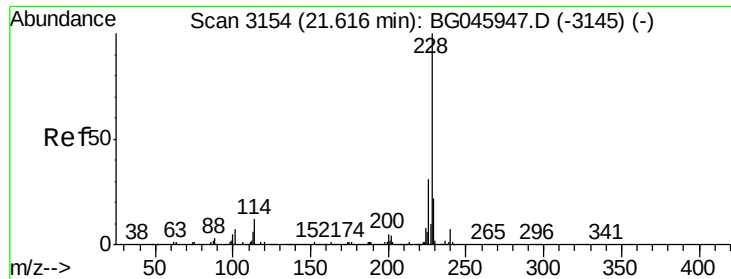


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





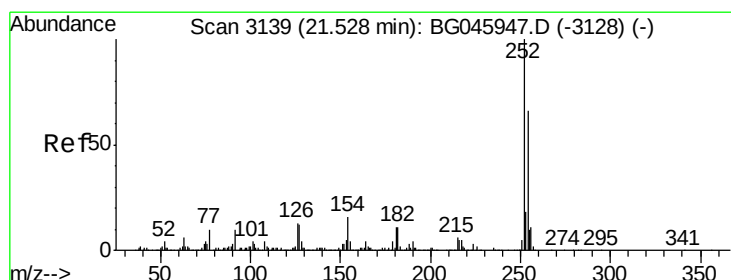
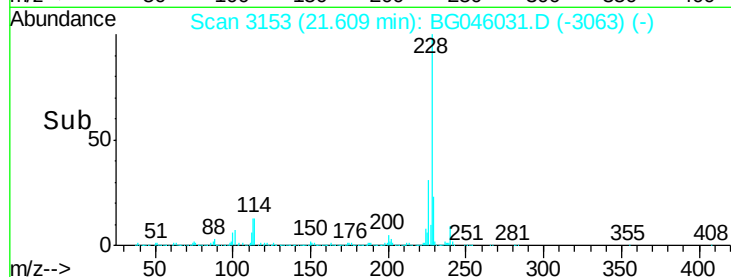
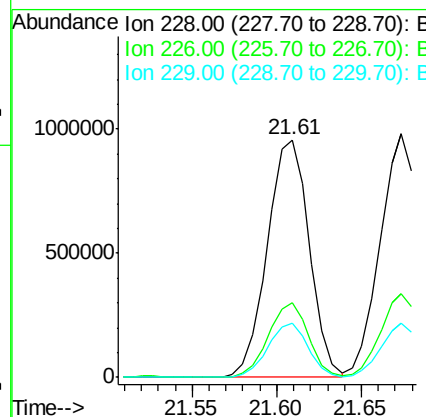
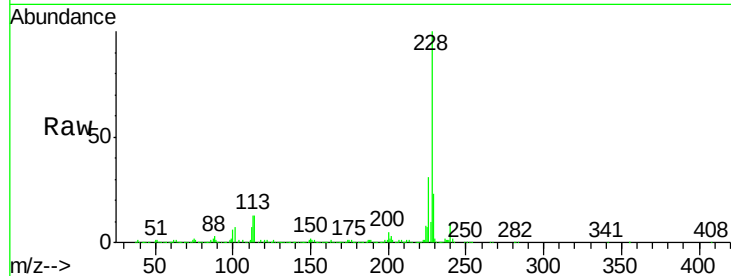
#81
Benzo(a)anthracene
Concen: 42.071 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:228 Resp: 1647823
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 22.7 17.8 26.8

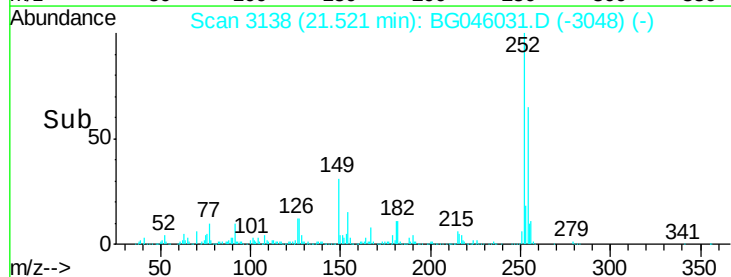
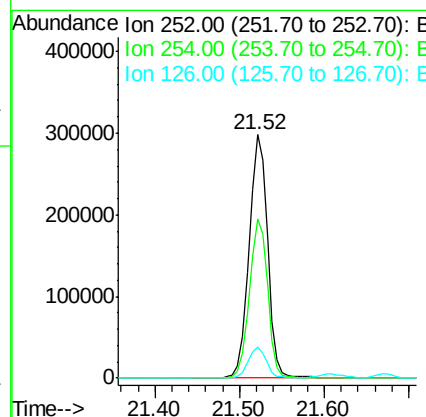
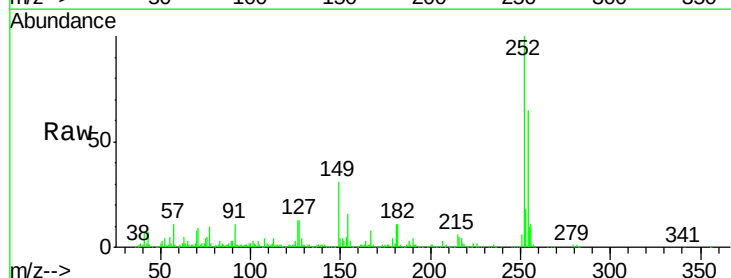
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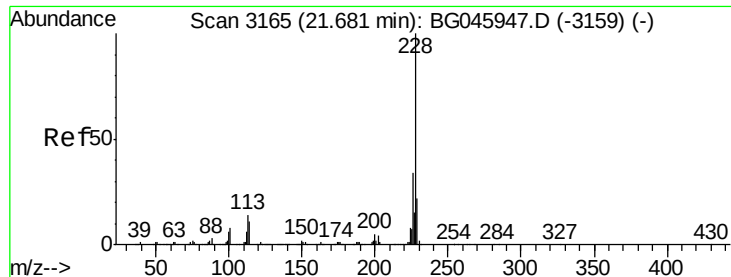
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#82
3,3'-Dichlorobenzidine
Concen: 31.216 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:252 Resp: 451804
Ion Ratio Lower Upper
252 100
254 65.4 52.9 79.3
126 12.5 10.4 15.6





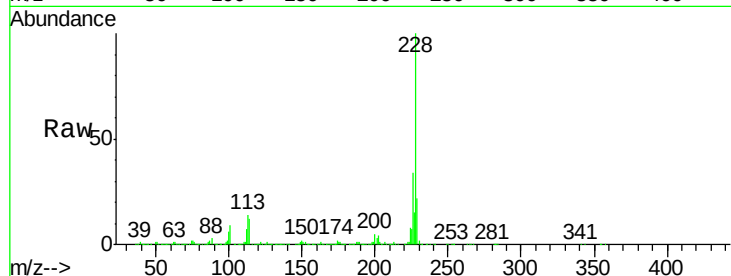
#83
Chrysene
Concen: 43.092 ng
RT: 21.67 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

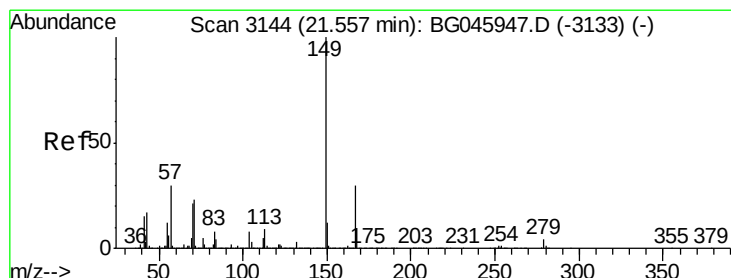
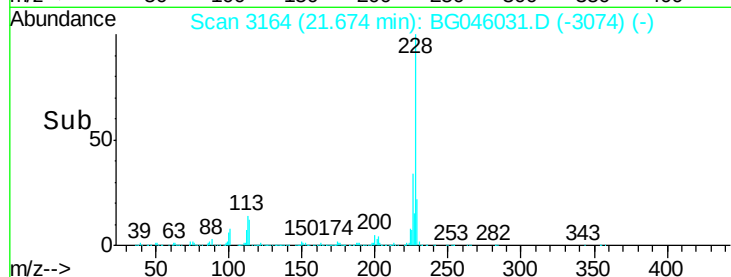
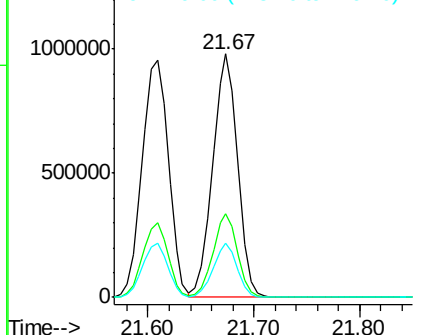
Tot Ion:228 Resp: 1607926
Ion Ratio Lower Upper
228 100
226 34.5 26.7 40.1
229 22.3 17.3 25.9

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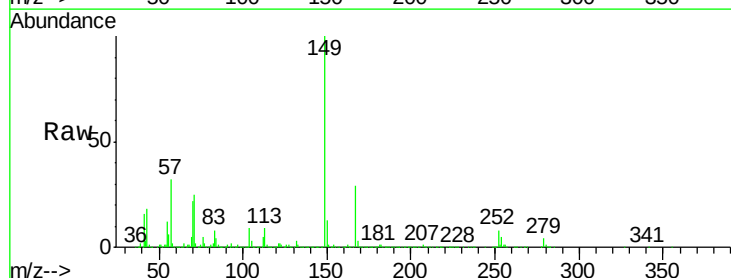


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

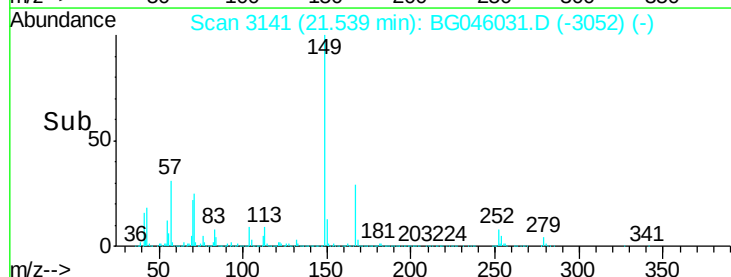
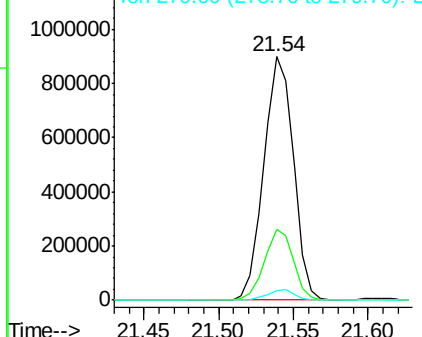


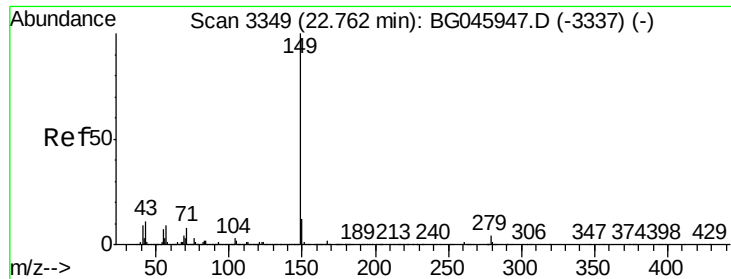
#84
Bis(2-ethylhexyl)phthalate
Concen: 44.097 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:149 Resp: 1229963
Ion Ratio Lower Upper
149 100
167 28.9 23.8 35.8
279 4.0 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





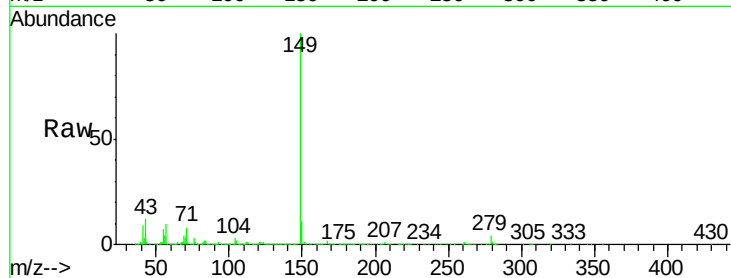
#85
Di-n-octyl phthalate
Concen: 43.907 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

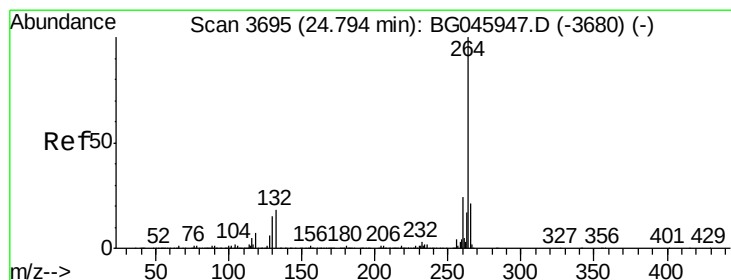
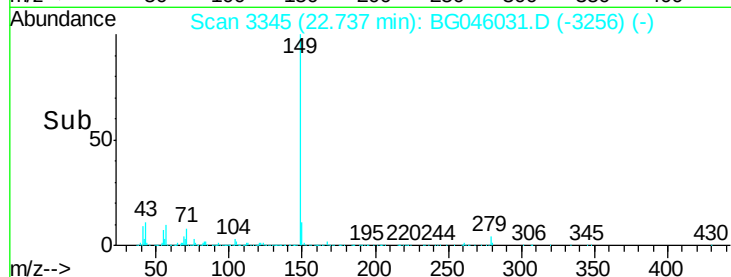
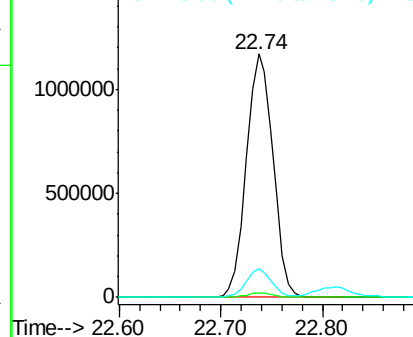
Tot Ion:149 Resp: 2125244
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.8 8.6 12.8

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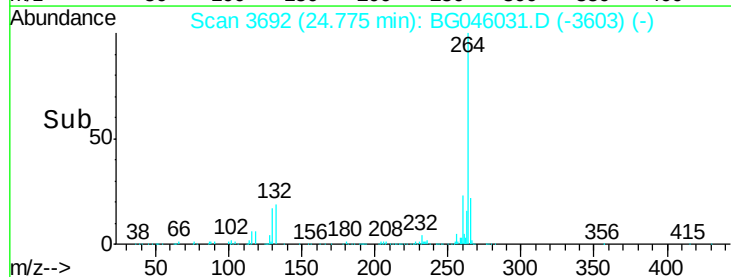
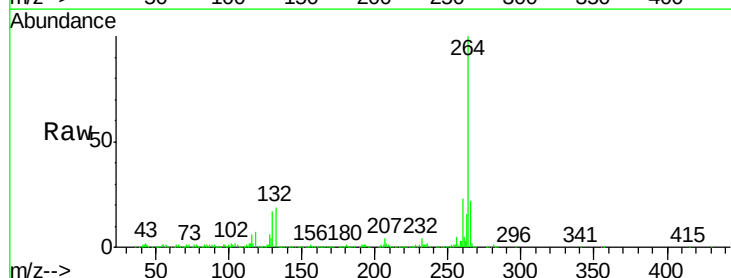
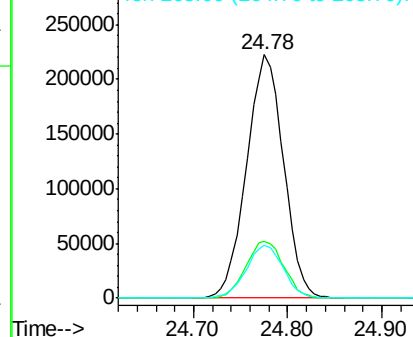
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

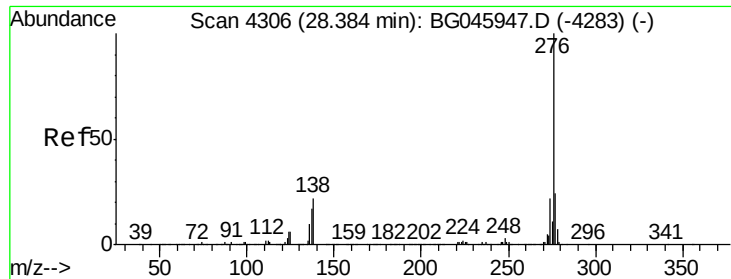


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:264 Resp: 605477
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.7 16.9 25.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





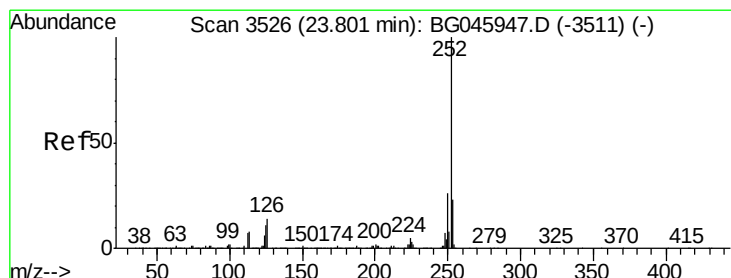
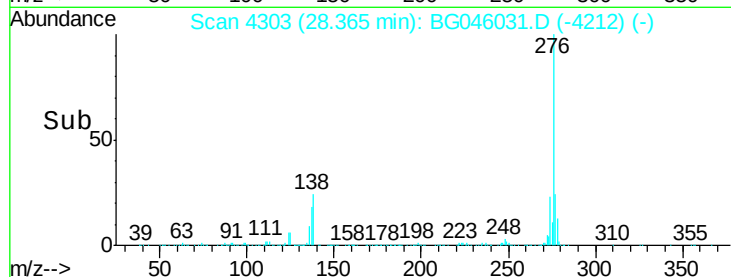
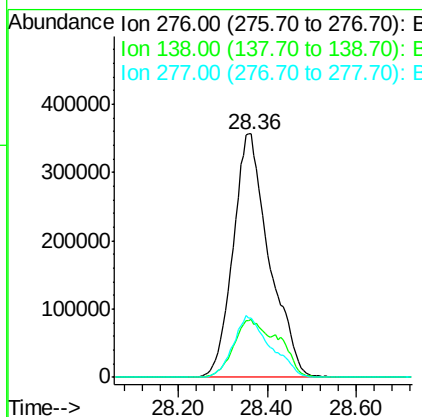
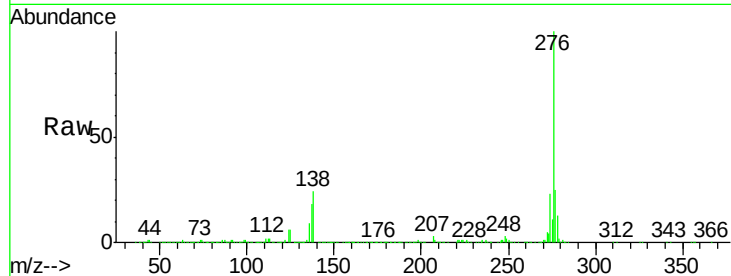
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.305 ng
 RT: 28.36 min Scan# 4303
 Delta R.T. 0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Instrument :
 BNA_G
 ClientSampleId :
 PB130179BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.4	24.6
277	26.0	20.6	31.0

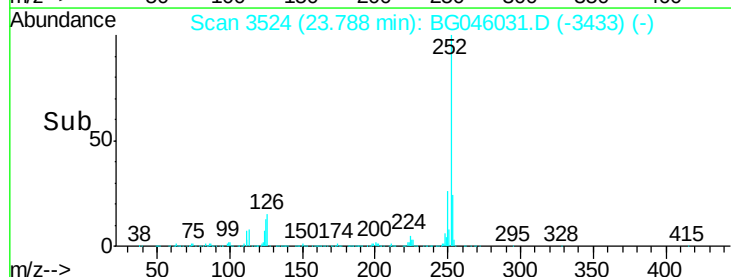
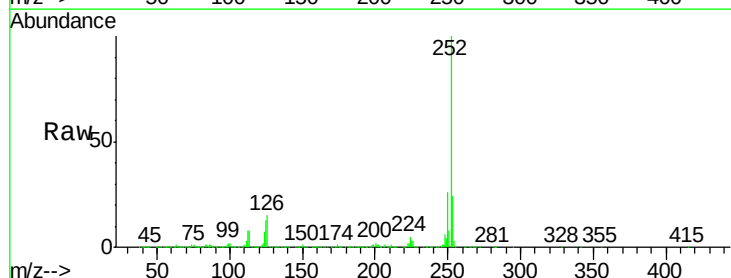
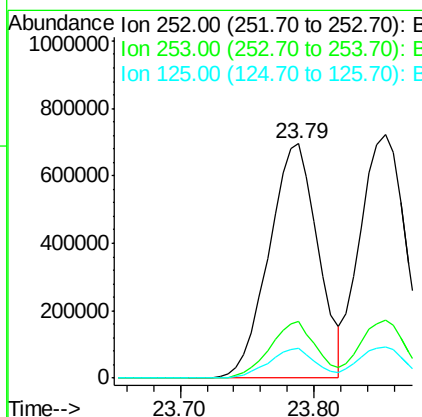
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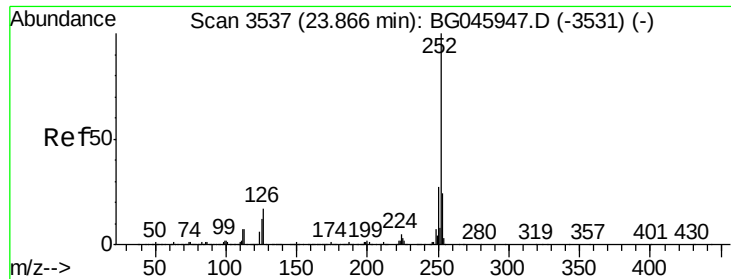
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#88
 Benzo(b)fluoranthene
 Concen: 46.049 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. 0.00 min
 Lab File: BG046031.D
 Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	12.7	9.2	13.8





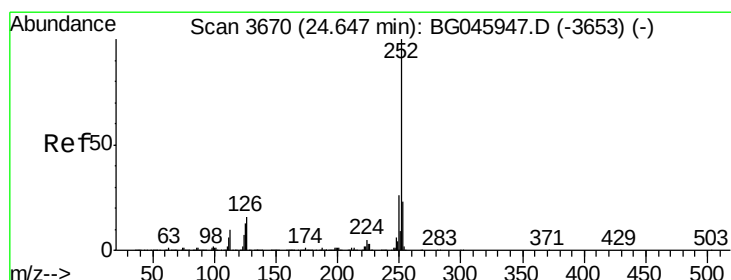
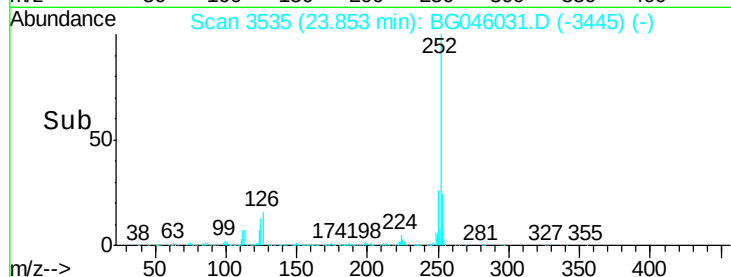
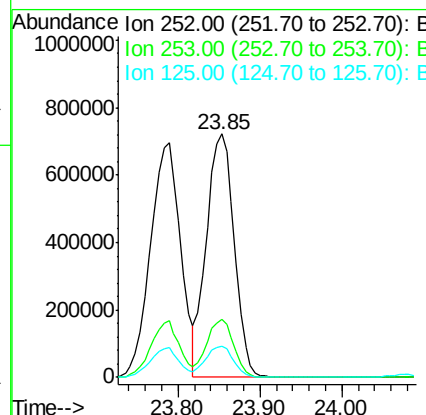
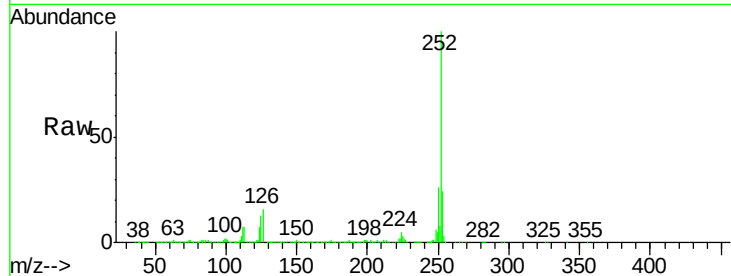
#89
Benzo(k)fluoranthene
Concen: 46.957 ng
RT: 23.85 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	12.9	9.6	14.4

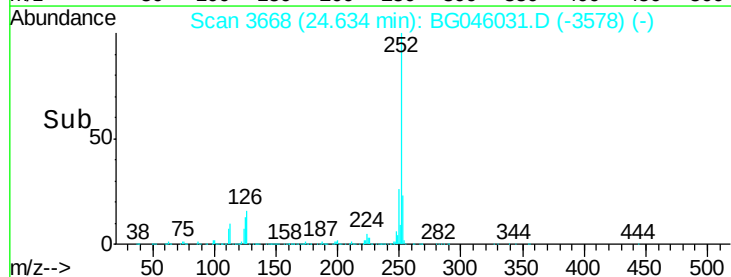
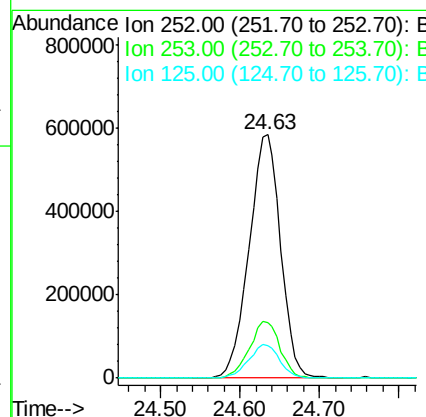
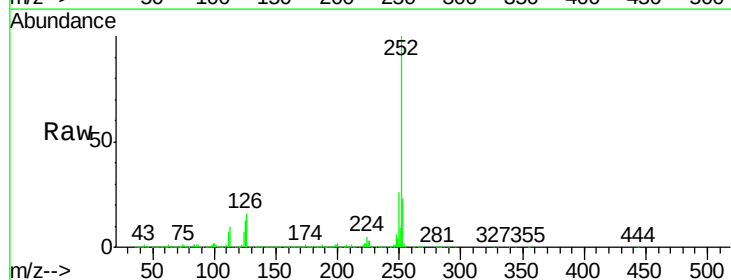
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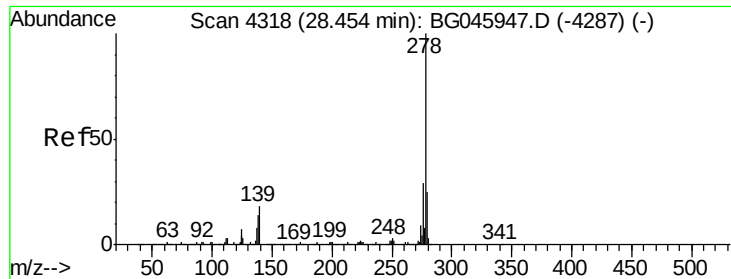
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#90
Benzo(a)pyrene
Concen: 44.616 ng
RT: 24.63 min Scan# 3668
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	13.4	10.5	15.7





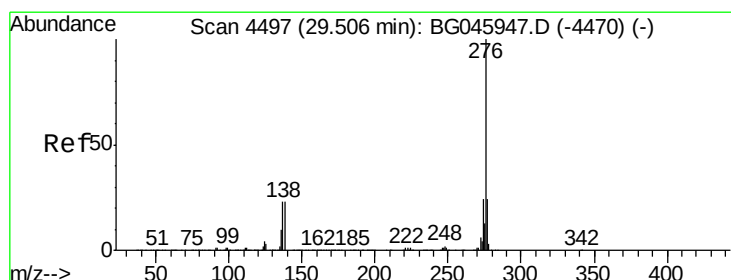
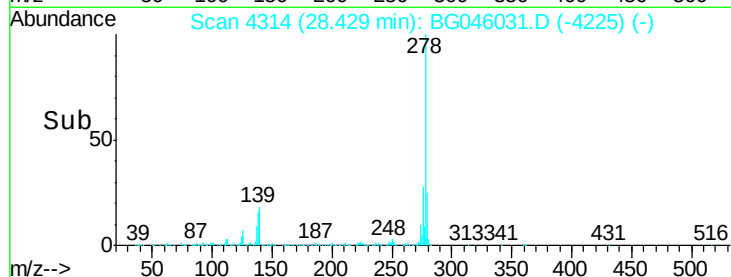
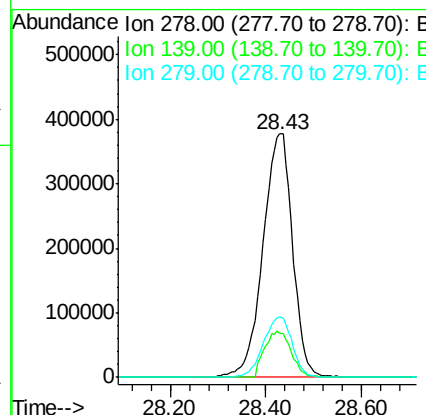
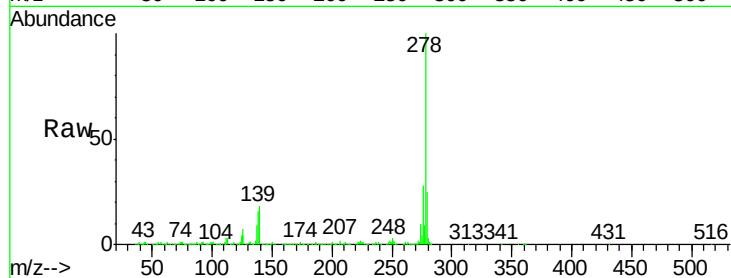
#91
Dibenzo(a,h)anthracene
Concen: 45.234 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.01 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Instrument :
BNA_G
ClientSampleId :
PB130179BS

Tot Ion:278 Resp: 1616044
Ion Ratio Lower Upper
278 100
139 18.3 14.3 21.5
279 25.0 19.8 29.6

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#92
Benzo(g,h,i)perylene
Concen: 45.731 ng
RT: 29.47 min Scan# 4492
Delta R.T. -0.00 min
Lab File: BG046031.D
Acq: 14 Jul 2020 13:46

Tgt Ion:276 Resp: 1644173
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 24.1 18.6 28.0

