

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046123.D
 Acq On : 31 Jul 2020 13:20
 Operator : CG/JU
 Sample : PB130584BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

Manual Integrations
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 8/3/2020 12:22:14 PM

Quant Time: Jul 31 14:06:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	78407	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	324648	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	221788	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	542863	20.00	ng	0.00
76) Chrysene-d12	21.57	240	603267	20.00	ng	0.00
86) Perylene-d12	24.67	264	637129	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	507434	112.50	ng	0.00
7) Phenol-d6	7.12	99	658042	107.05	ng	0.00
23) Nitrobenzene-d5	9.10	82	426233	71.08	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	348600	102.33	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1029828	67.45	ng	0.00
79) Terphenyl-d14	19.94	244	1851441	62.50	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.45	88	67148	32.708 ng	97
3) Pyridine	3.83	79	154946	27.417 ng	98
4) n-Nitrosodimethylamine	3.75	42	99058	41.183 ng	94
6) Aniline	7.28	93	245407	33.538 ng	99
8) 2-Chlorophenol	7.52	128	208062	41.736 ng	99
9) Benzaldehyde	7.09	77	145670	39.936 ng	96
10) Phenol	7.15	94	262316	42.472 ng	98
11) bis(2-Chloroethyl)ether	7.37	93	193973	39.484 ng	96
12) 1,3-Dichlorobenzene	7.85	146	223433	36.976 ng	99
13) 1,4-Dichlorobenzene	7.99	146	230570	38.000 ng	100
14) 1,2-Dichlorobenzene	8.31	146	222797	38.933 ng	99
15) Benzyl Alcohol	8.19	79	182342	42.938 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	333067	41.353 ng	98
17) 2-Methylphenol	8.40	107	185789	44.558 ng	97
18) Hexachloroethane	9.04	117	80111	39.477 ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	160909	40.221 ng	94
20) 3+4-Methylphenols	8.72	107	251828	44.126 ng	99
22) Acetophenone	8.77	105	306191	36.750 ng	99
24) Nitrobenzene	9.15	77	229766	35.941 ng	98
25) Isophorone	9.67	82	433513	36.334 ng	100
26) 2-Nitrophenol	9.86	139	112352	38.777 ng	96
27) 2,4-Dimethylphenol	9.93	122	198277	42.062 ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	265660	40.949 ng	98
29) 2,4-Dichlorophenol	10.40	162	218856	39.469 ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	228456	35.169 ng	99
31) Naphthalene	10.80	128	624402	36.350 ng	99
32) Benzoic acid	10.06	122	120178	37.290 ng	99
33) 4-Chloroaniline	10.90	127	155871	22.206 ng	99
34) Hexachlorobutadiene	11.10	225	142150	32.873 ng	98
35) Caprolactam	11.67	113	77560m	42.734 ng	
36) 4-Chloro-3-methylphenol	12.03	107	225529	41.445 ng	99
37) 2-Methylnaphthalene	12.41	142	488292	36.942 ng	99
38) 1-Methylnaphthalene	12.62	142	468956	37.493 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	268771	33.634 ng	# 98

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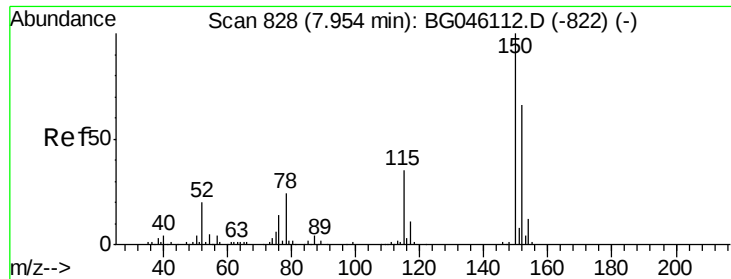
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Quant Time: Jul 31 14:06:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	377031	82.256	nq	96
43) 2,4,6-Trichlorophenol	13.01	196	189092	37.089	nq	97
44) 2,4,5-Trichlorophenol	13.08	196	210924	37.917	nq	98
46) 1,1'-Biphenyl	13.42	154	632442	36.350	nq	99
47) 2-Chloronaphthalene	13.46	162	488931	35.230	nq	100
48) 2-Nitroaniline	13.65	65	152945	42.044	nq	99
49) Acenaphthylene	14.30	152	806685	37.433	nq	99
50) Dimethylphthalate	14.03	163	660502	38.801	nq	100
51) 2,6-Dinitrotoluene	14.15	165	151534	38.250	nq	99
52) Acenaphthene	14.65	154	577794	40.624	nq	99
53) 3-Nitroaniline	14.47	138	105905	26.965	nq	97
54) 2,4-Dinitrophenol	14.68	184	175870	70.946	nq	# 88
55) Dibenzofuran	14.98	168	780229	36.355	nq	99
56) 4-Nitrophenol	14.79	139	284069	83.306	nq	94
57) 2,4-Dinitrotoluene	14.93	165	212778	39.063	nq	97
58) Fluorene	15.63	166	647425	37.251	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	205765	39.271	nq	97
60) Diethylphthalate	15.40	149	668789	39.938	nq	99
61) 4-Chlorophenyl-phenylether	15.62	204	340410	37.501	nq	99
62) 4-Nitroaniline	15.64	138	161310	40.837	nq	96
63) Azobenzene	15.91	77	609653	38.847	nq	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	133214	37.105	nq	99
66) n-Nitrosodiphenylamine	15.83	169	594157	36.157	nq	99
67) 4-Bromophenyl-phenylether	16.51	248	240077	35.797	nq	99
68) Hexachlorobenzene	16.64	284	269501	35.837	nq	99
69) Atrazine	16.78	200	222519	35.166	nq	98
70) Pentachlorophenol	16.98	266	378204	77.510	nq	99
71) Phenanthrene	17.37	178	1098931	36.955	nq	99
72) Anthracene	17.45	178	1134454	38.354	nq	99
73) Carbazole	17.72	167	1079553	37.850	nq	100
74) Di-n-butylphthalate	18.29	149	1246404	41.807	nq	100
75) Fluoranthene	19.38	202	1468657	39.559	nq	99
77) Benzidine	19.55	184	717215	41.972	nq	99
78) Pyrene	19.73	202	1489235	36.741	nq	99
80) Butylbenzylphthalate	20.63	149	598400	40.754	nq	97
81) Benzo(a)anthracene	21.55	228	1479356	36.644	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	375193	22.380	nq	99
83) Chrysene	21.62	228	1420233	35.912	nq	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	831792	39.624	nq	100
85) Di-n-octyl phthalate	22.66	149	1425039	40.093	nq	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	1848879	38.050	nq	# 94
88) Benzo(b)fluoranthene	23.70	252	1558552	36.504	nq	99
89) Benzo(k)fluoranthene	23.76	252	1563066	37.325	nq	100
90) Benzo(a)pyrene	24.53	252	1470124	37.004	nq	99
91) Dibenzo(a,h)anthracene	28.26	278	1528770	37.635	nq	99
92) Benzo(g,h,i)perylene	29.30	276	1556783	37.949	nq	98

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



#1

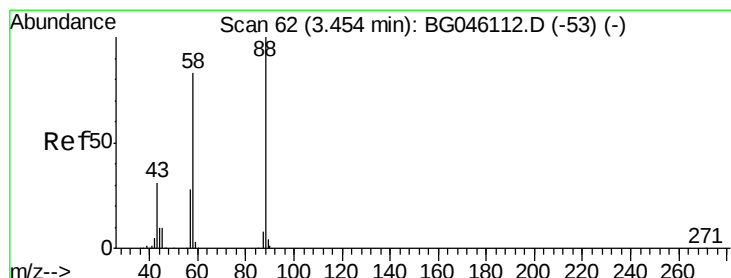
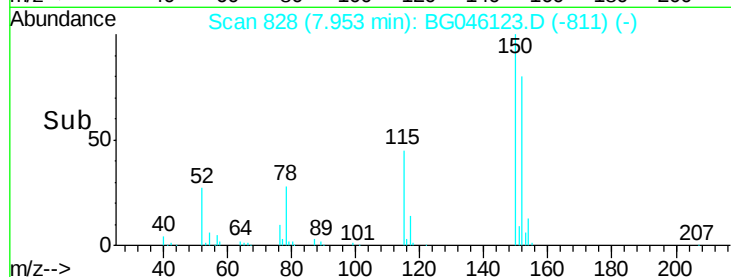
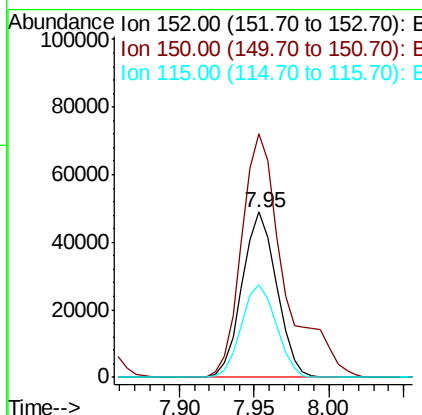
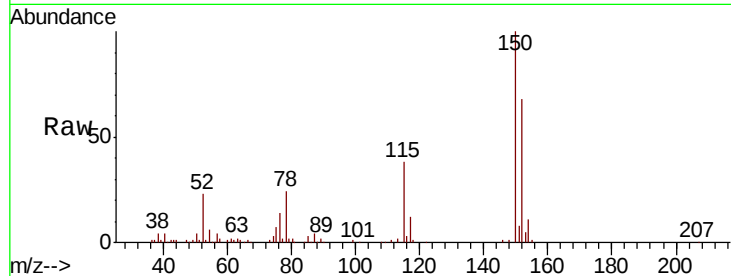
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	122.1	183.1
115	56.4	43.2	64.8

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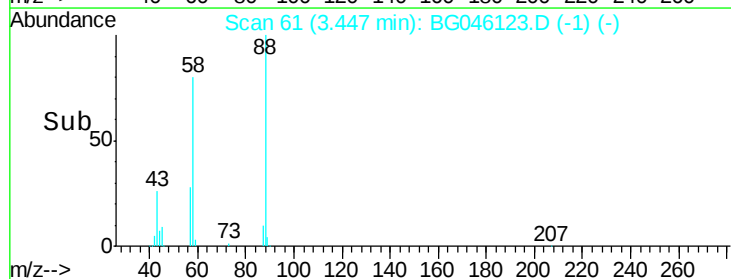
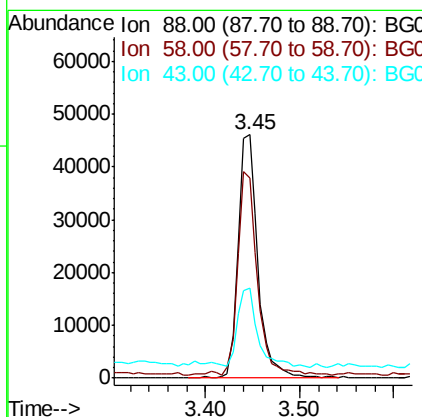
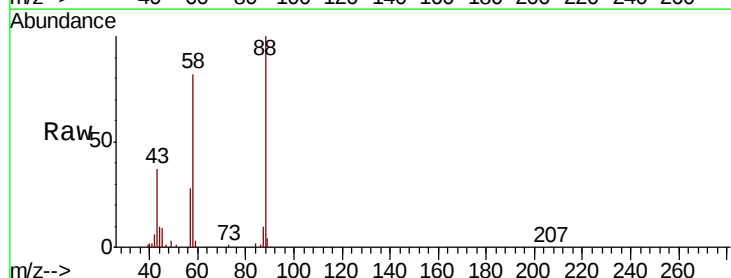
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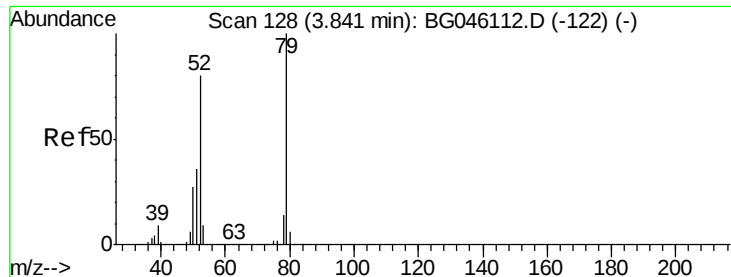


#2

1,4-Dioxane
Concen: 32.708 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	66.5	99.7
43	33.1	23.8	35.8





#3

Pvridine

Concen: 27.417 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

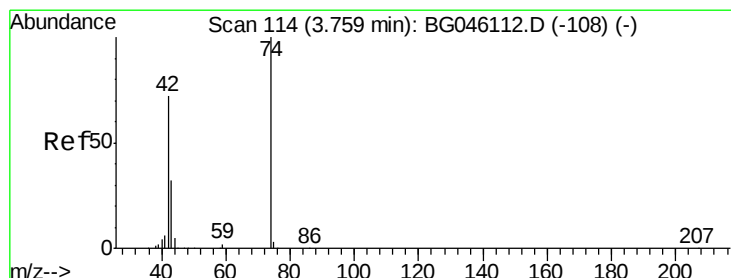
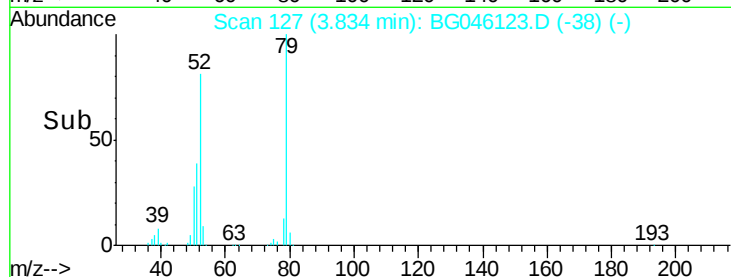
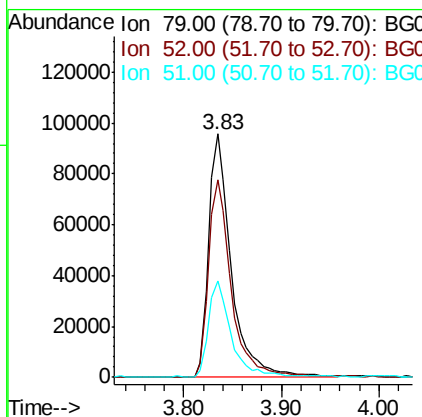
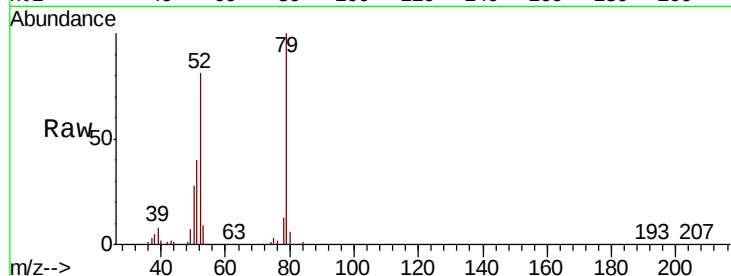
ClientSampleId :

PB130584BS

Tot Ion:	79	Resp:	154946
Ion	Ratio	Lower	Upper
79	100		
52	81.4	64.3	96.5
51	39.5	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 41.183 ng

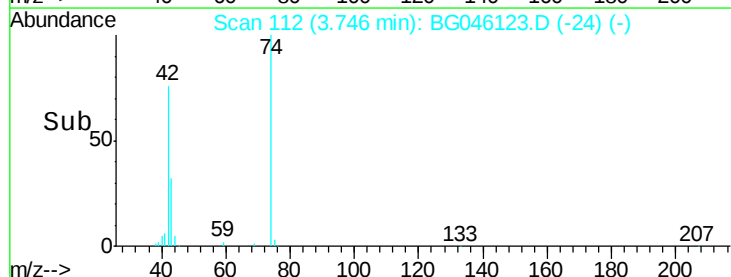
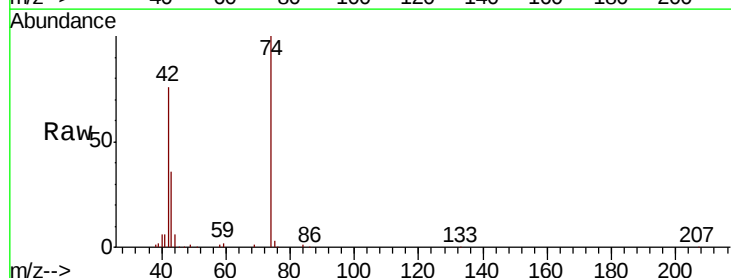
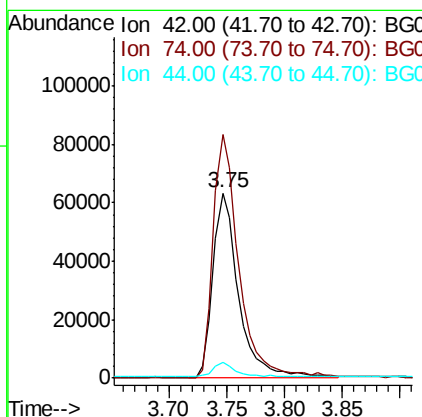
RT: 3.75 min Scan# 112

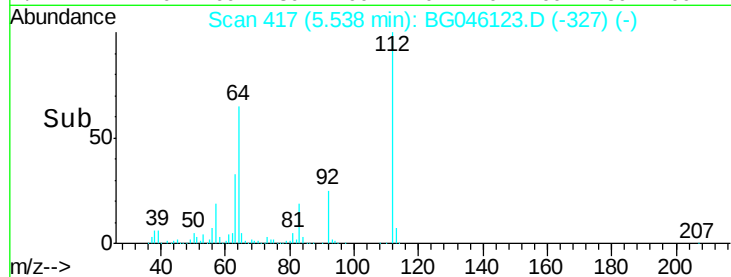
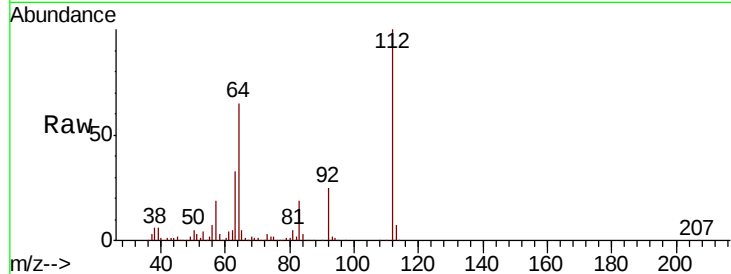
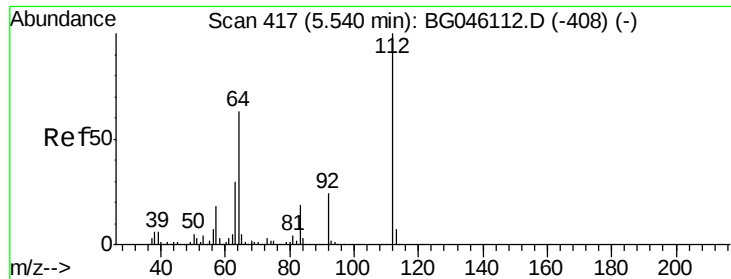
Delta R.T. -0.01 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tgt Ion:	42	Resp:	99058
Ion	Ratio	Lower	Upper
42	100		
74	131.4	111.6	167.4
44	8.2	5.7	8.5





#5

2-Fluorophenol

Concen: 112.504 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		507434		
64	64.8	50.2	75.2		
63	33.0	24.2	36.4		

Instrument :

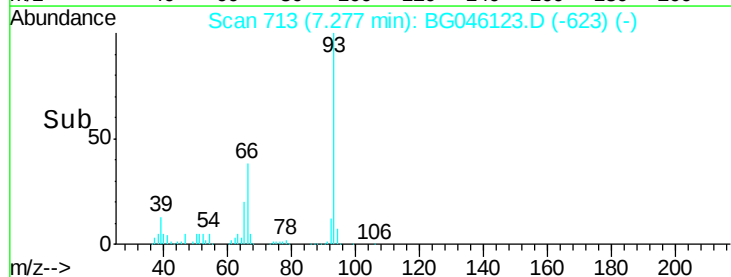
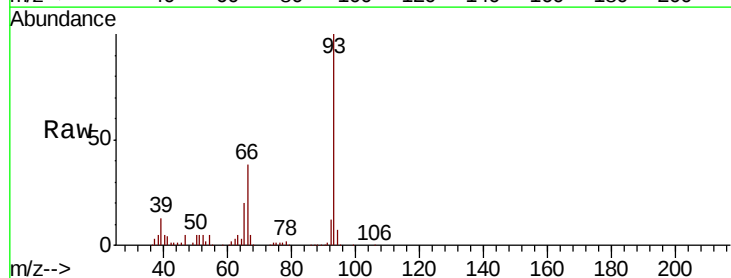
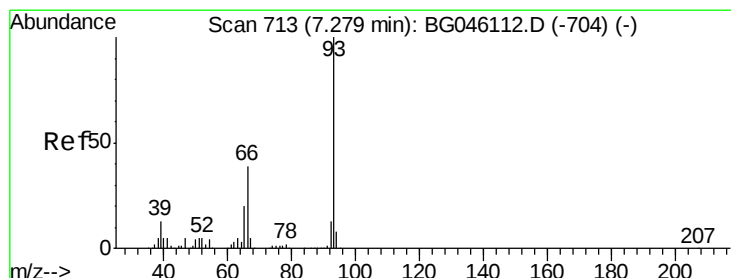
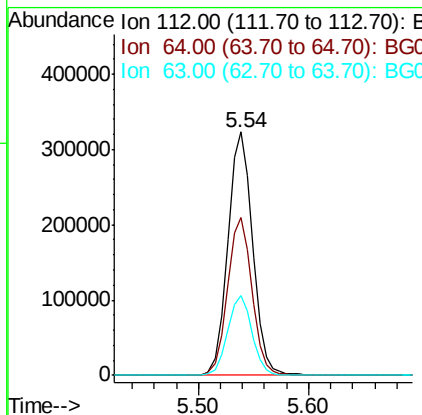
BNA_G

ClientSampleId :

PB130584BS

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#6

Aniline

Concen: 33.538 ng

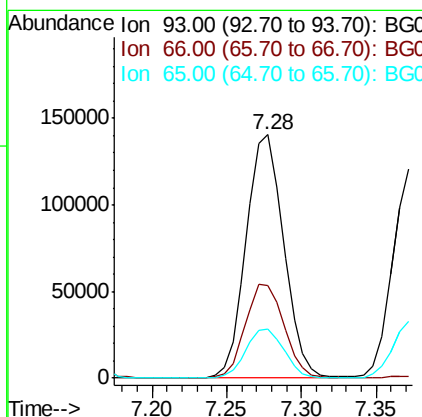
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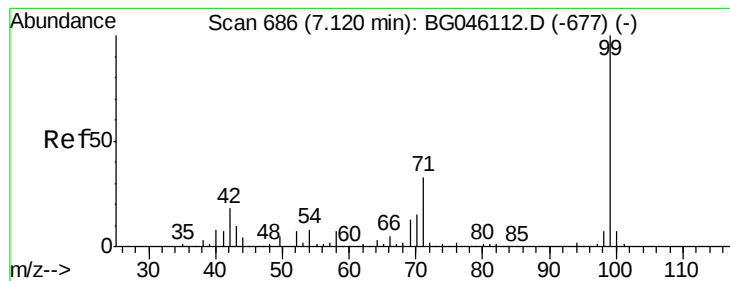
Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		245407		
66	38.1	31.0	46.4		
65	20.4	15.9	23.9		





#7

Phenol-d6

Concen: 107.050 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

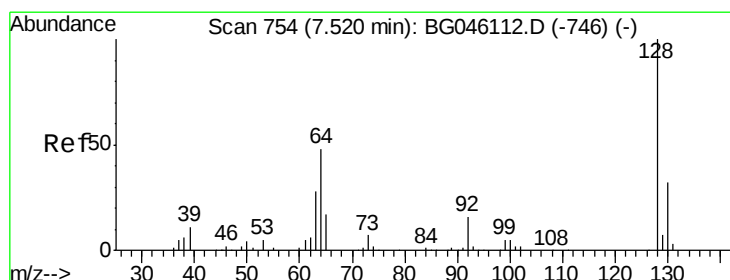
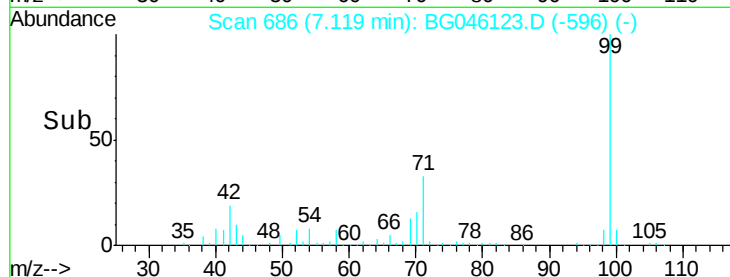
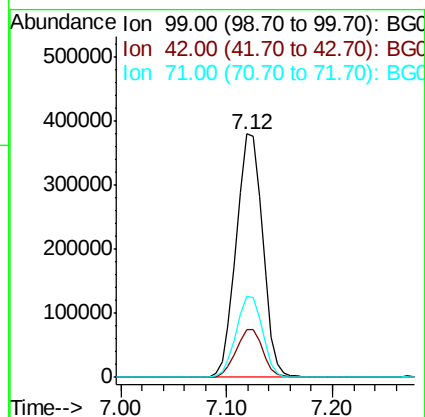
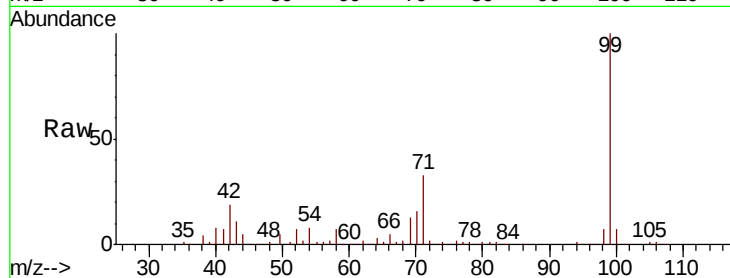
ClientSampleId :

PB130584BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		658042		
42	19.4	14.7	22.1		
71	33.5	26.5	39.7		

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#8

2-Chlorophenol

Concen: 41.736 ng

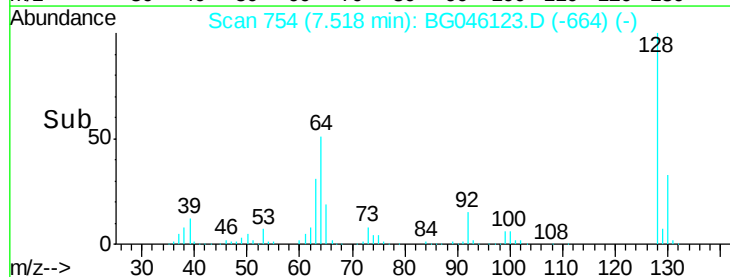
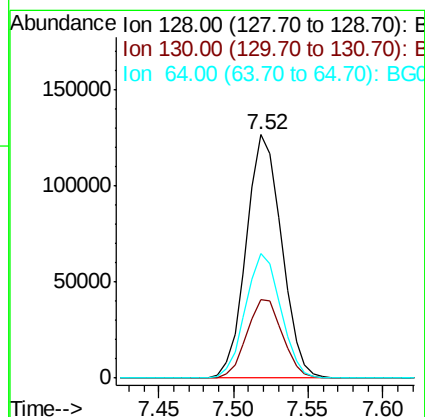
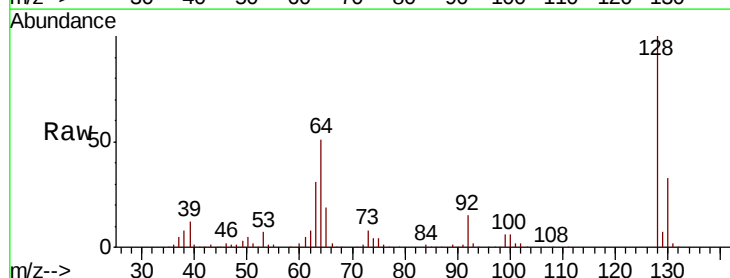
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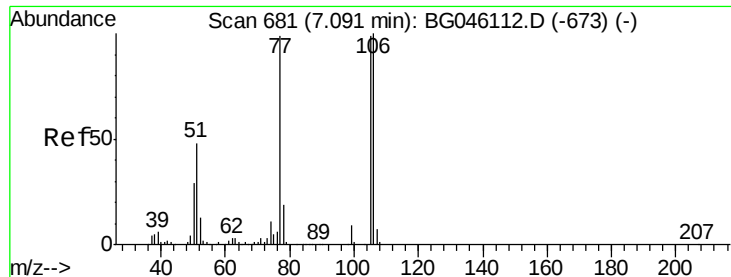
Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		208062		
130	32.5	11.6	51.6		
64	51.2	30.6	70.6		





#9

Benzaldehyde

Concen: 39.936 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

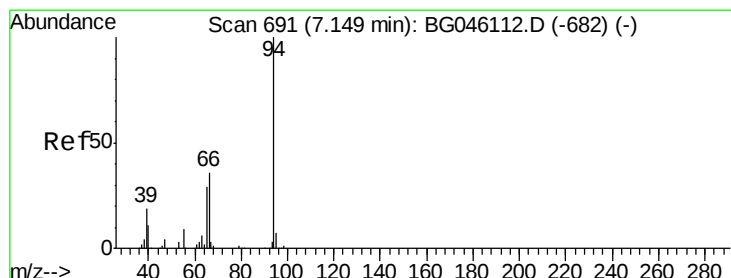
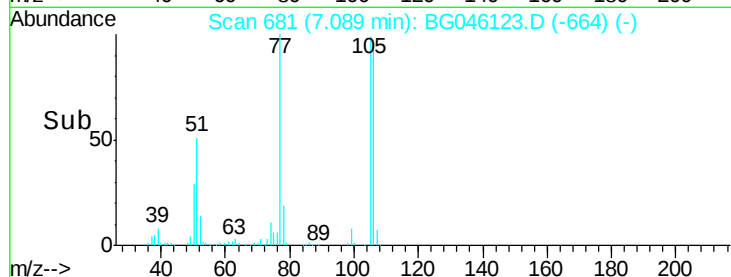
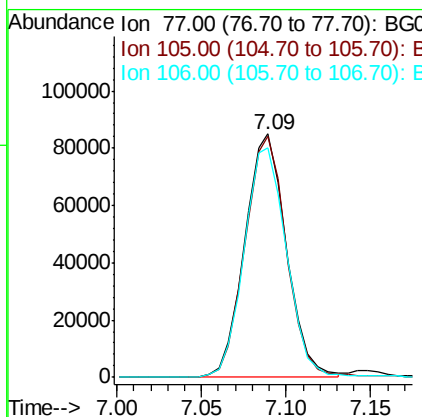
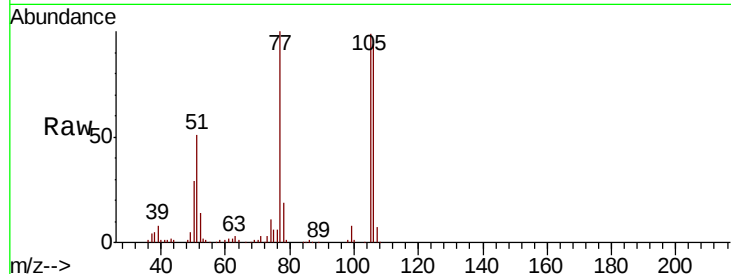
ClientSampled :

PB130584BS

Tot Ion:	77	Resp:	145670
Ion	Ratio	Lower	Upper
77	100		
105	99.0	80.3	120.3
106	94.4	81.5	121.5

Manual Integrations
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#10

Phenol

Concen: 42.472 ng

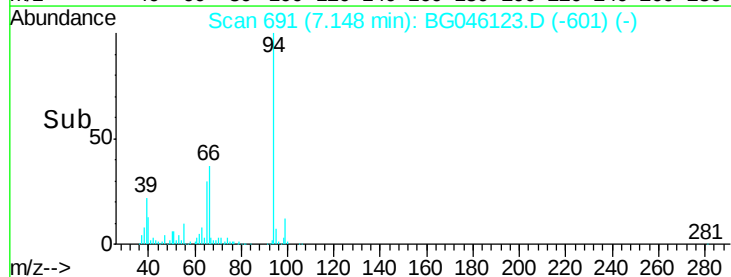
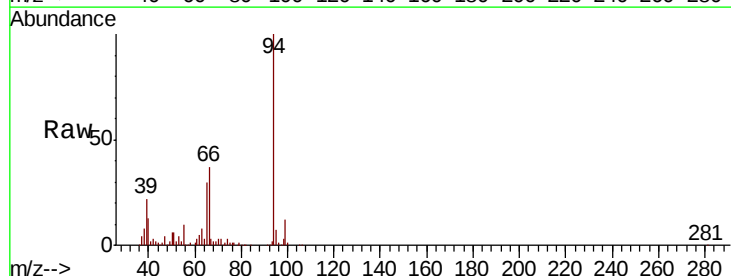
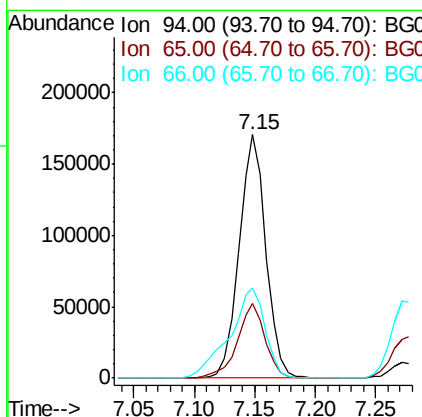
RT: 7.15 min Scan# 691

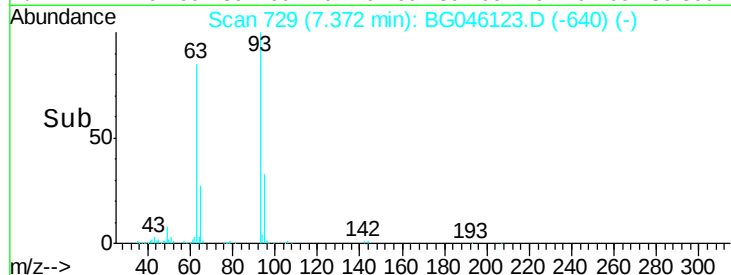
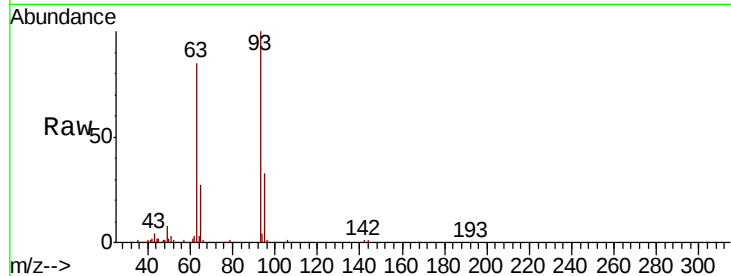
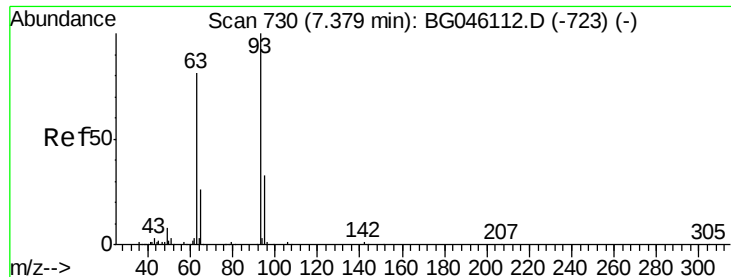
Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tgt Ion:	94	Resp:	262316
Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.6	49.6
66	37.2	16.3	56.3





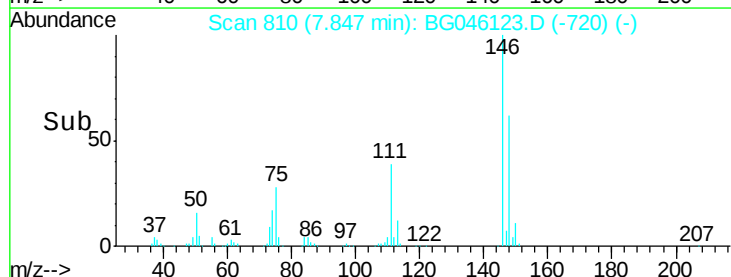
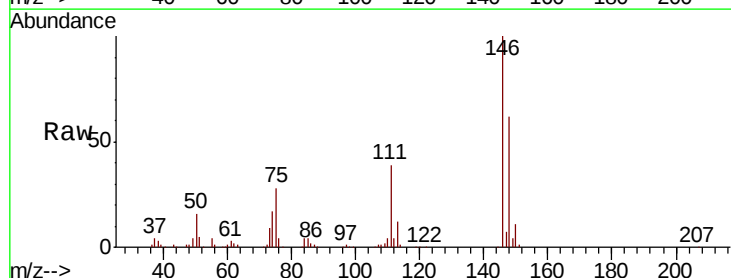
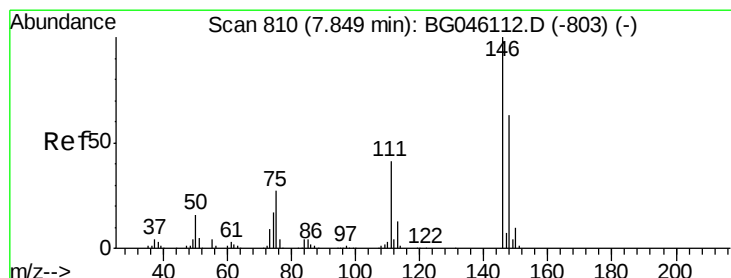
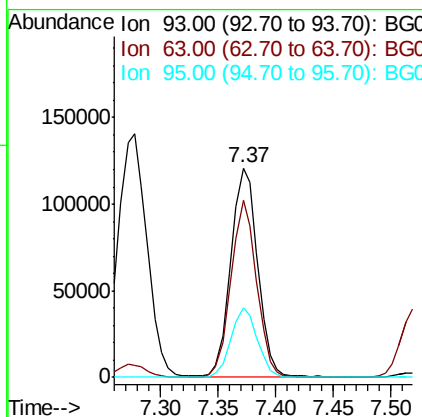
#11
bis(2-Chloroethyl)ether
Concen: 39.484 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tot Ion	93	Resp	193973
Ion Ratio	Lower	Upper	
93	100		
63	84.8	60.0	100.0
95	33.4	12.6	52.6

Instrument :
BNA_G
ClientSampleId :
PB130584BS

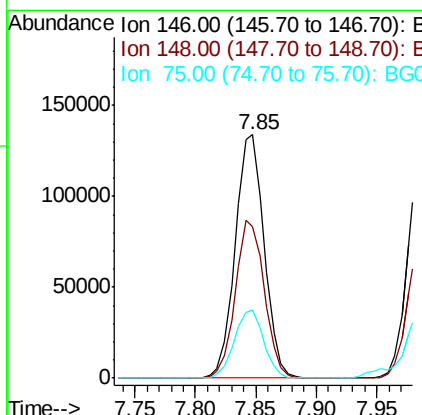
Manual Integrations
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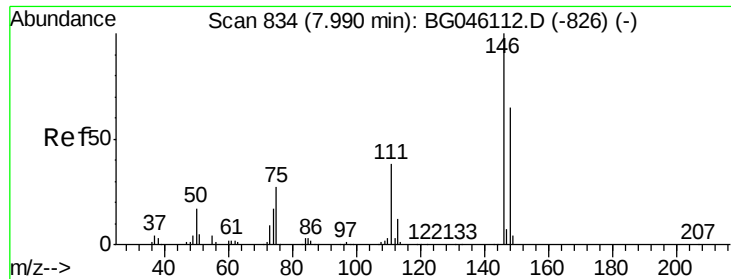
mohammad
8/3/2020 12:22:14 PM



#12
1,3-Dichlorobenzene
Concen: 36.976 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	146	Resp	223433
Ion Ratio	Lower	Upper	
146	100		
148	62.5	50.5	75.7
75	28.2	21.6	32.4





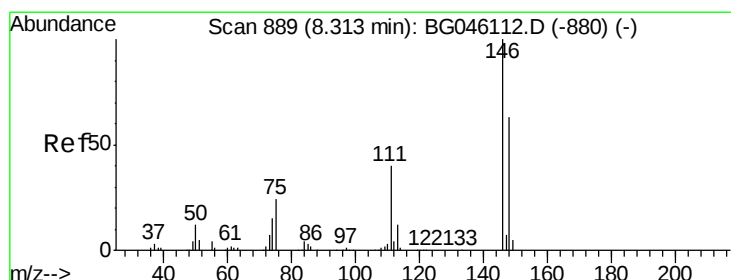
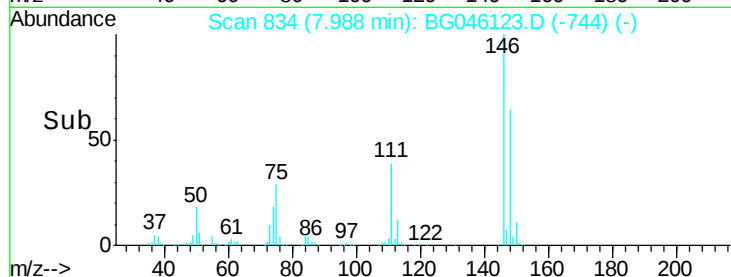
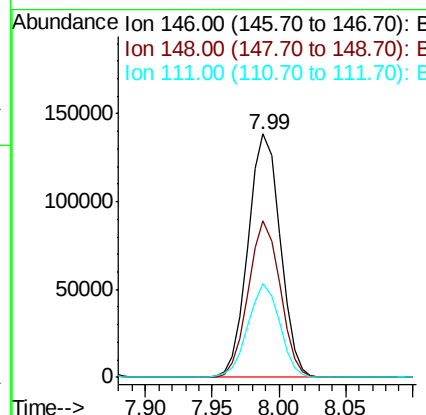
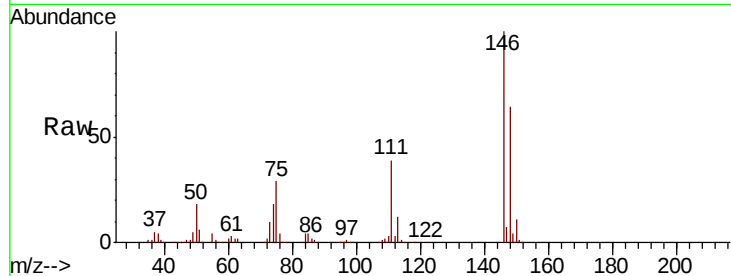
#13
 1,4-Dichlorobenzene
 Concen: 38.000 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	38.6	30.7	46.1

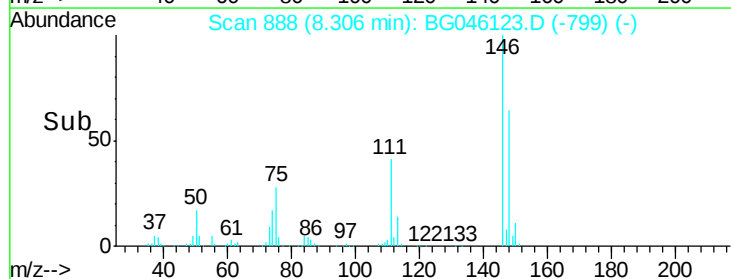
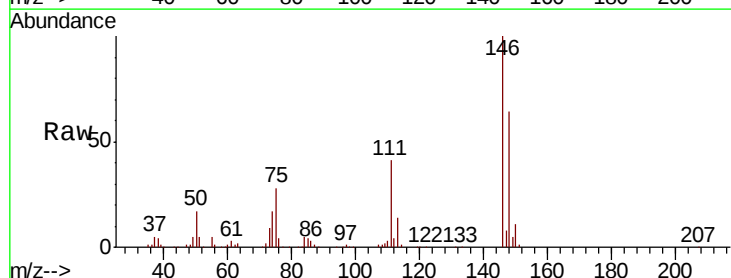
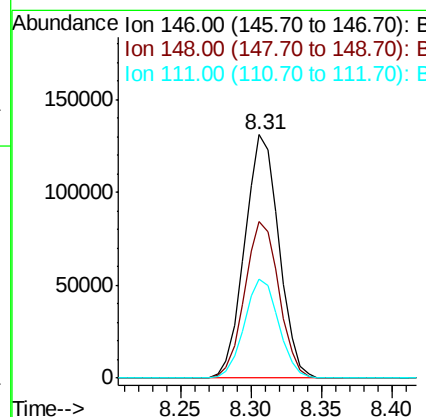
Manual Integrations
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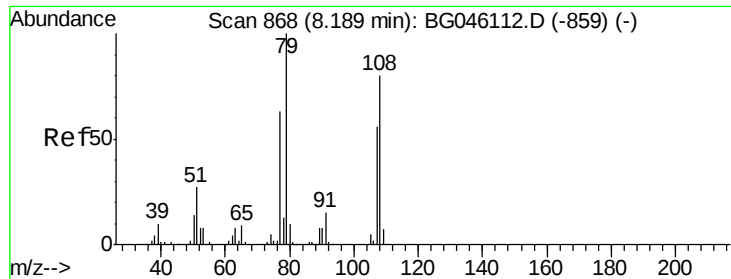
mohammad
 8/3/2020 12:22:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.933 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	40.6	32.4	48.6





#15

Benzyl Alcohol

Concen: 42.938 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

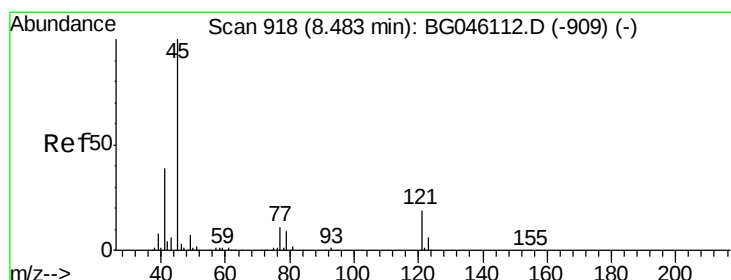
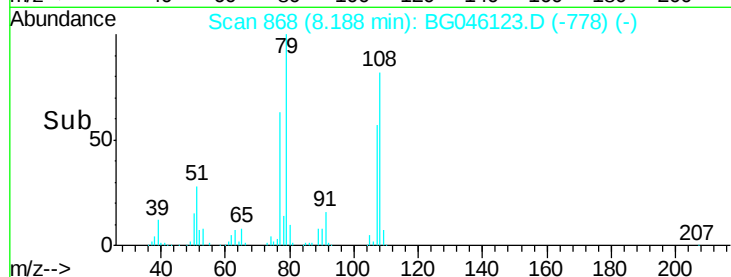
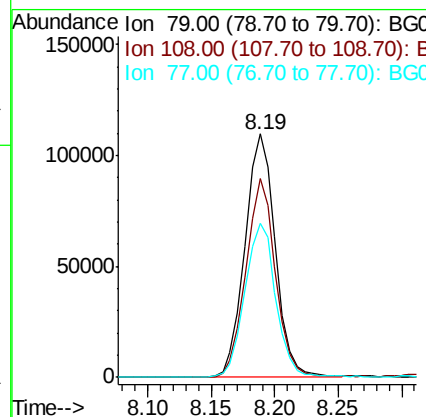
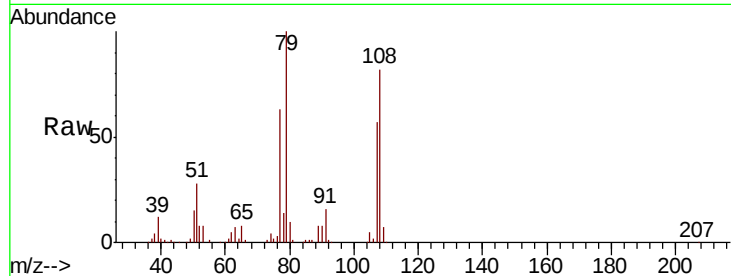
ClientSampled :

PB130584BS

Tot Ion:	79	Resp:	182342
Ion Ratio	Lower	Upper	
79	100		
108	81.5	64.1	96.1
77	63.1	50.2	75.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.353 ng

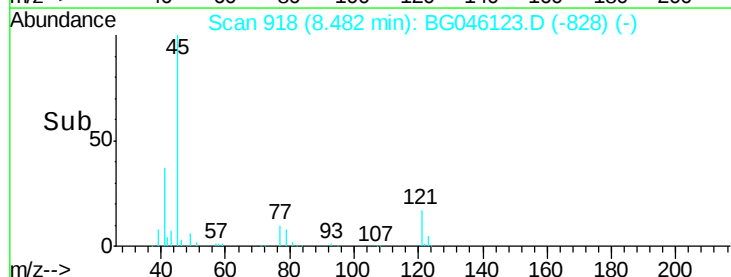
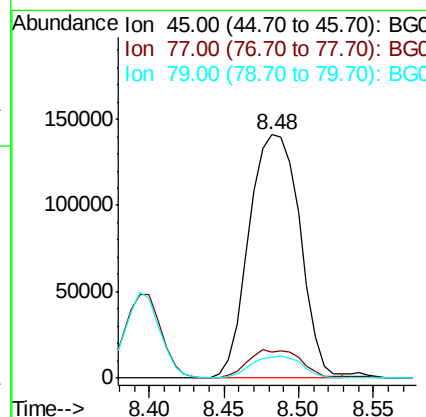
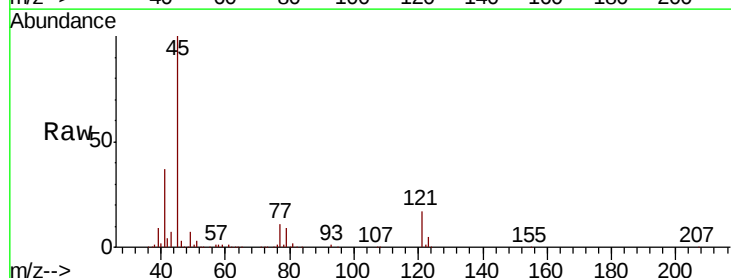
RT: 8.48 min Scan# 918

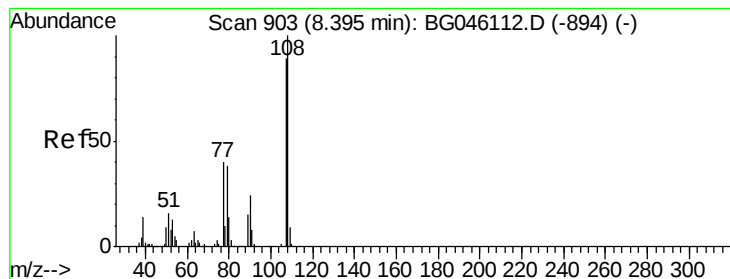
Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tgt Ion:	45	Resp:	333067
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	31.9
79	8.8	0.0	29.5





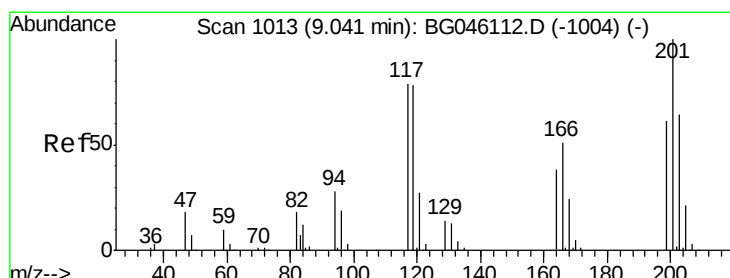
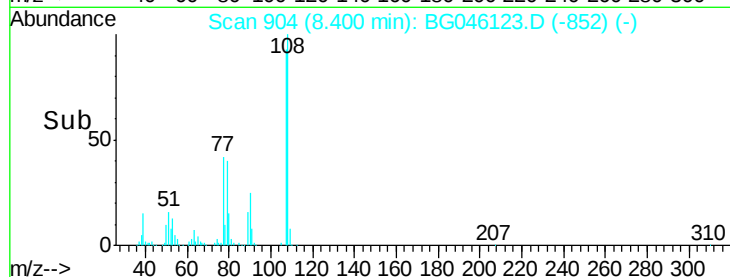
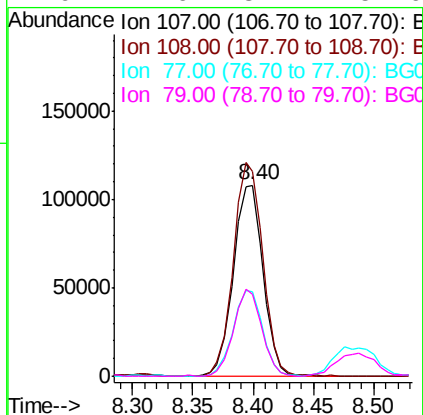
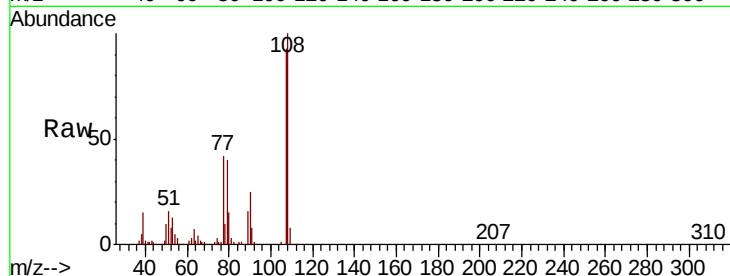
#17
2-Methylphenol
Concen: 44.558 ng
RT: 8.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.1	90.0	135.0	
77	44.5	35.6	53.4	
79	42.6	34.4	51.6	

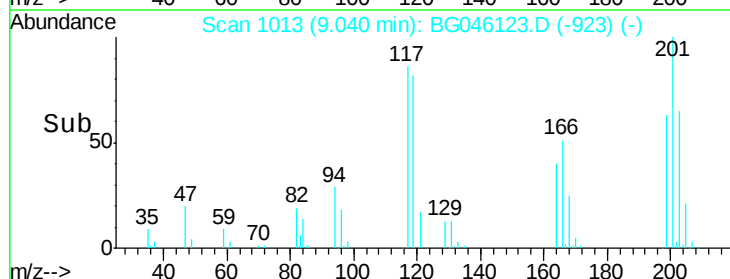
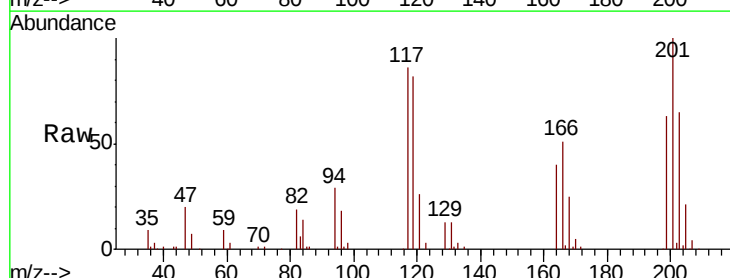
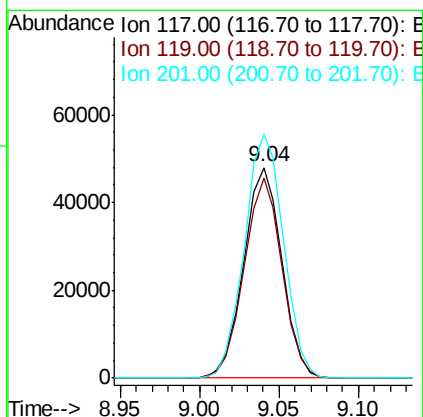
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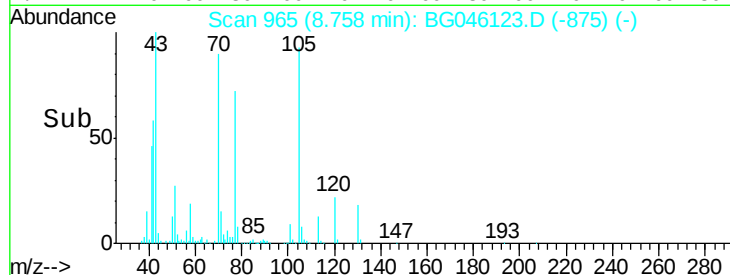
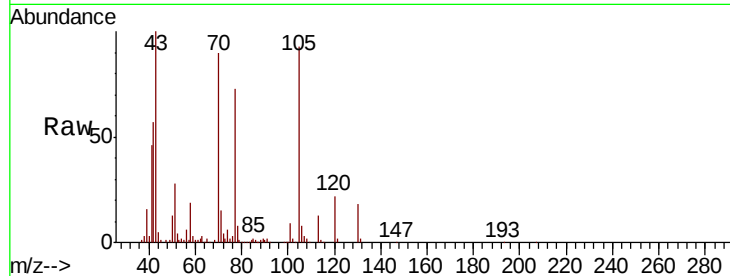
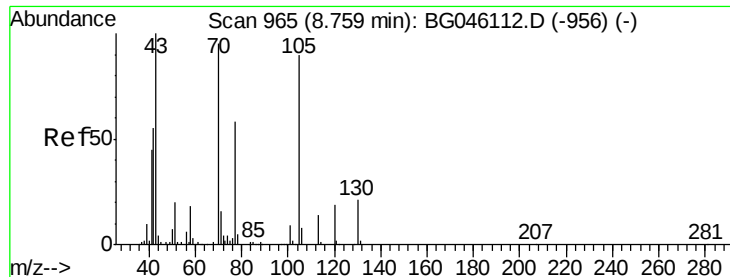
mohammad
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#18
Hexachloroethane
Concen: 39.477 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	78.5	117.7	
201	115.6	101.0	151.4	





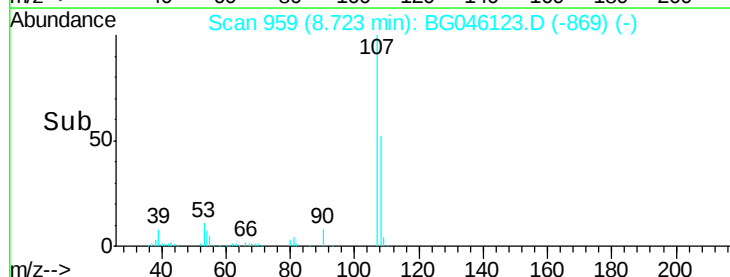
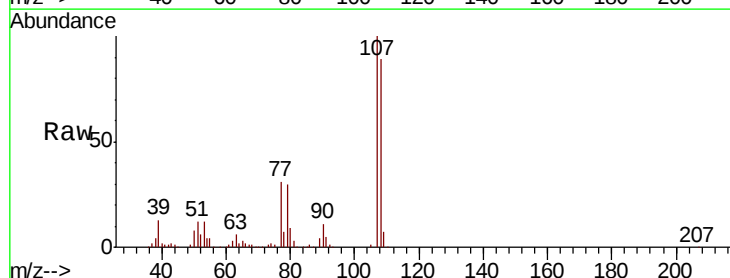
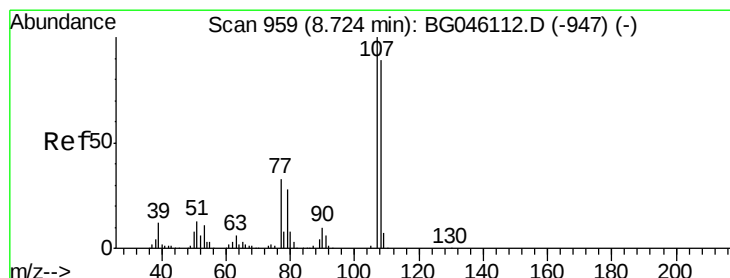
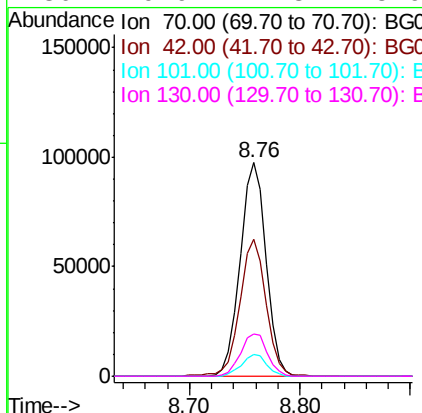
#19
n-Nitroso-di-n-propylamine
Concen: 40.221 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.0		46.5	69.7	
101	10.2		7.6	11.4	
130	19.9		17.3	25.9	

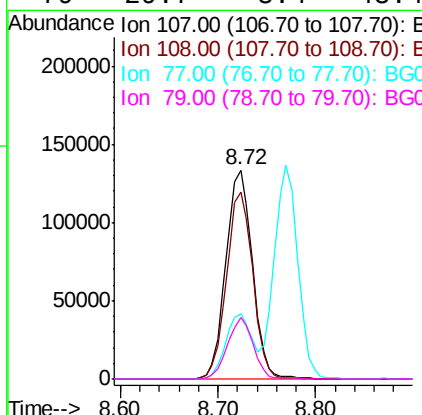
Manual Integrations
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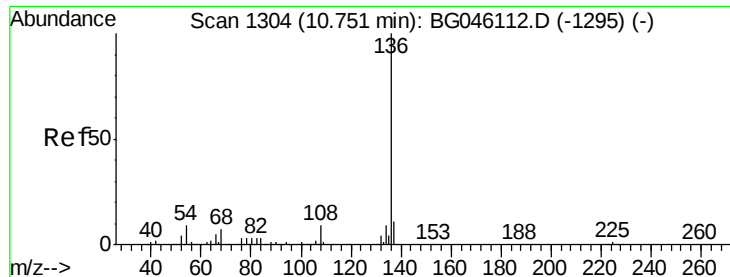
mohammad
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#20
3+4-Methylphenols
Concen: 44.126 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.3		69.1	109.1	
77	31.1		12.5	52.5	
79	29.7		8.4	48.4	





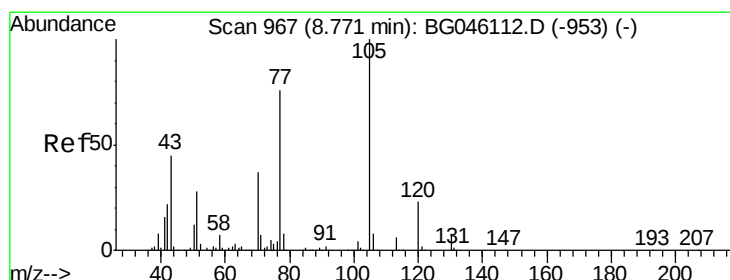
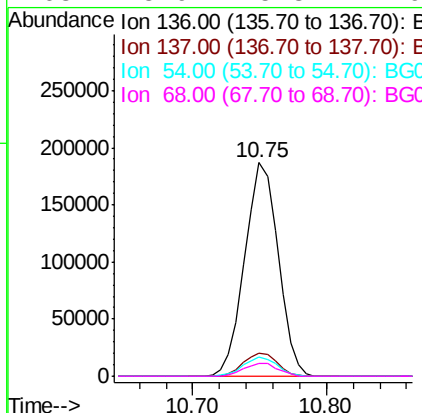
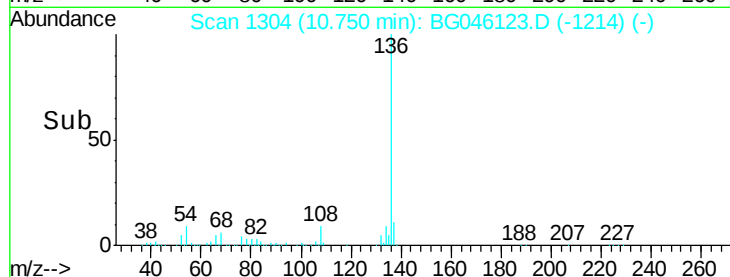
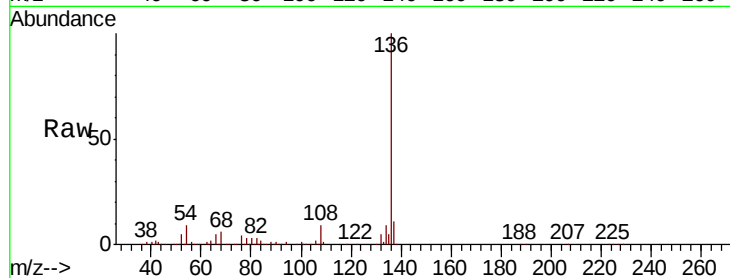
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	324648		
137	10.8		8.8	13.2
54	8.8		7.0	10.4
68	5.9		5.3	7.9

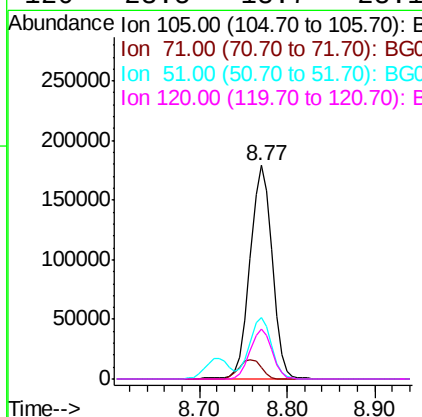
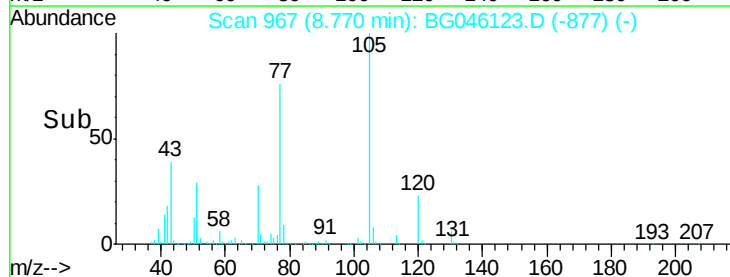
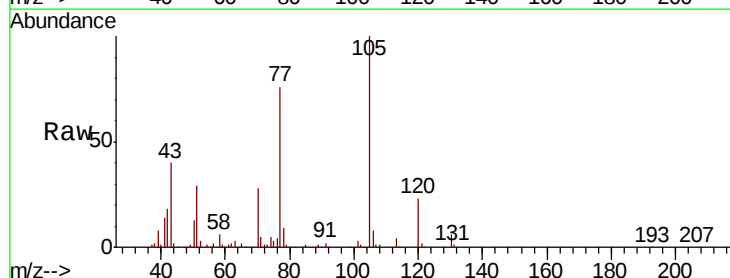
Manual Integrations
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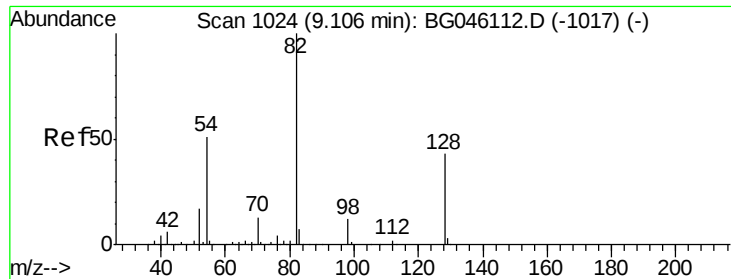
mohammad
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#22
Acetophenone
Concen: 36.750 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	306191		
71	5.3		5.3	7.9
51	29.0		22.7	34.1
120	23.5		18.7	28.1





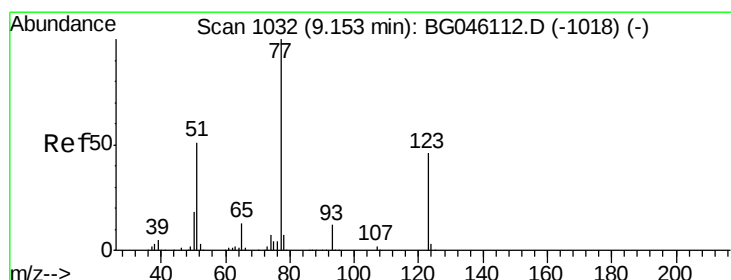
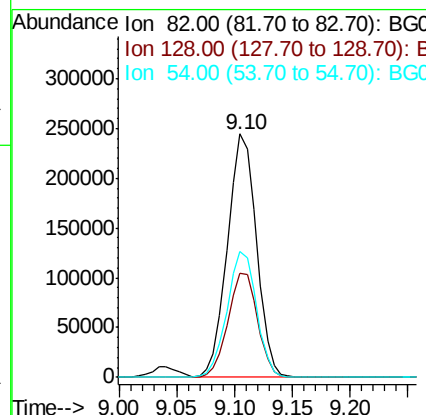
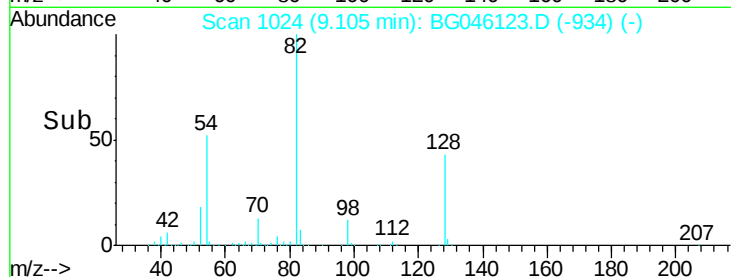
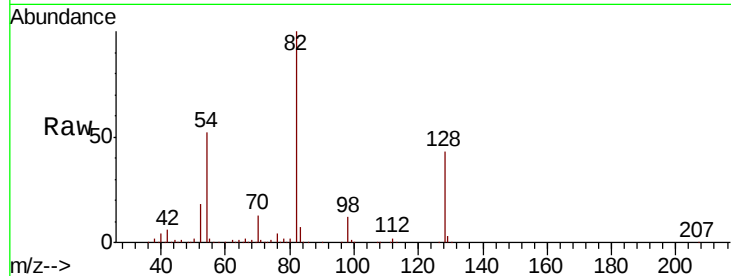
#23
Nitrobenzene-d5
Concen: 71.084 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.4	51.6
54	51.9	40.8	61.2

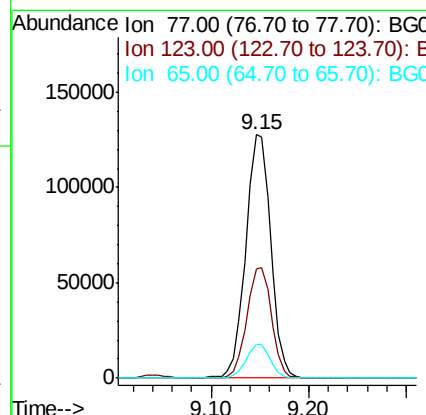
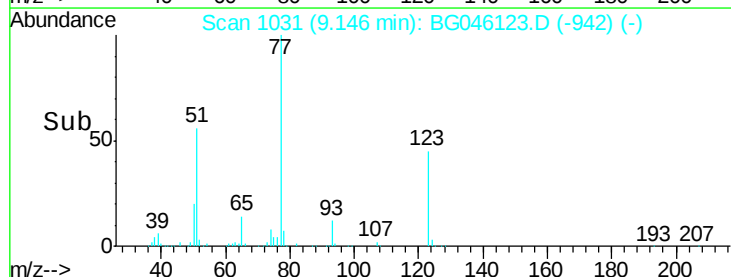
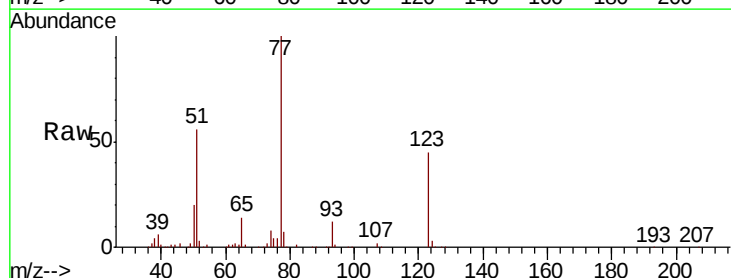
Manual Integrations
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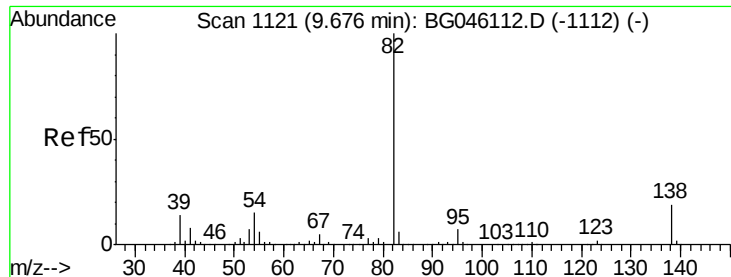
mohammad
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#24
Nitrobenzene
Concen: 35.941 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	36.8	55.2
65	14.0	10.2	15.2





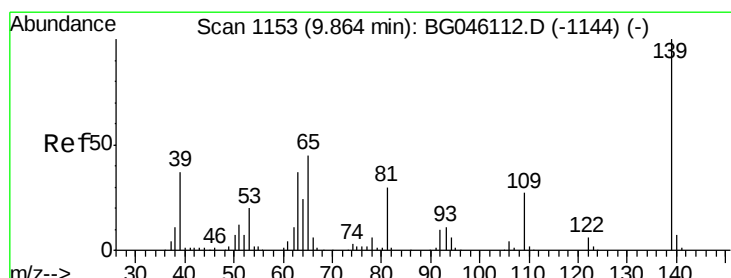
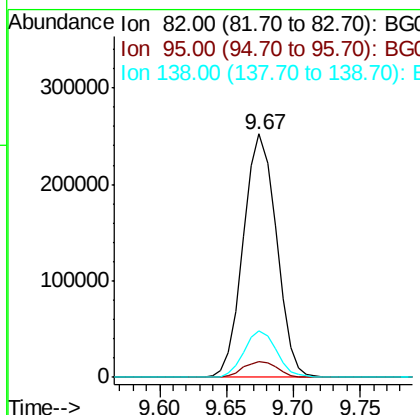
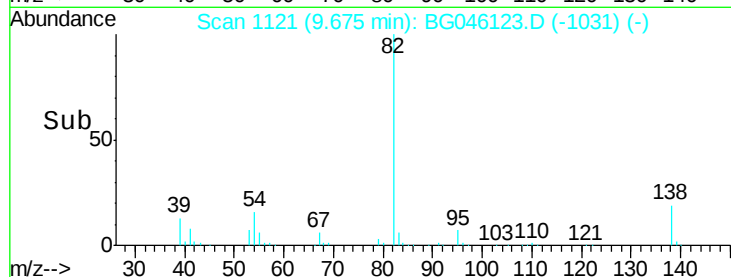
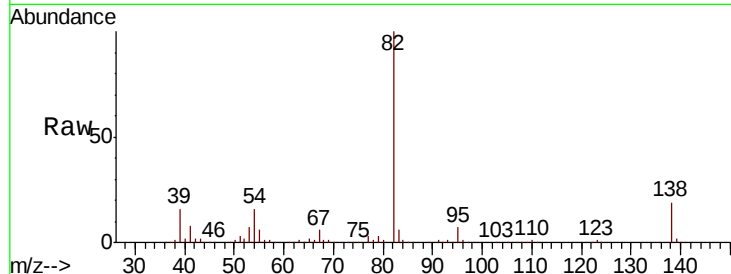
#25
Isophorone
Concen: 36.334 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	433513		
95	6.7		5.5	8.3
138	19.2		15.3	22.9

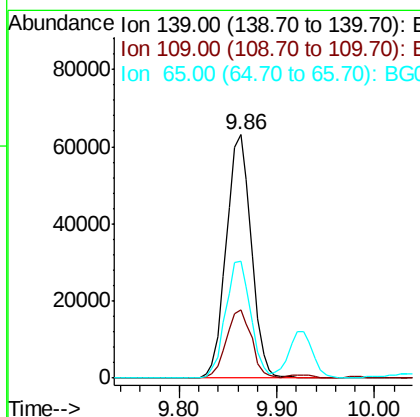
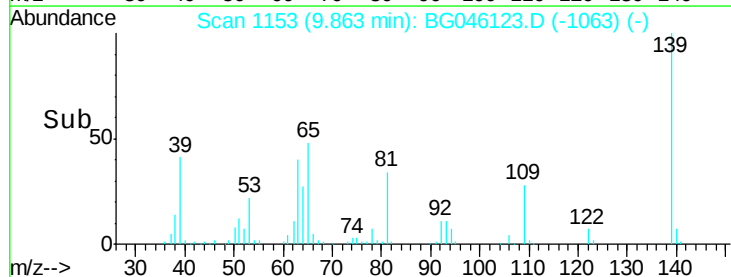
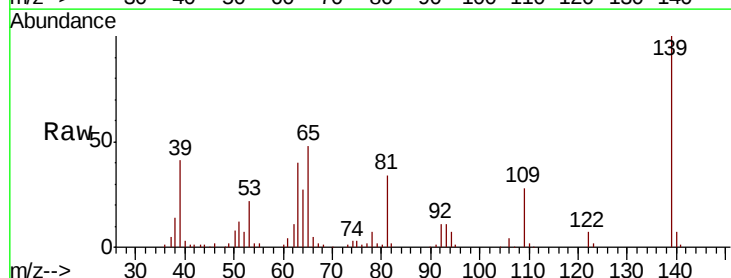
Manual Integrations
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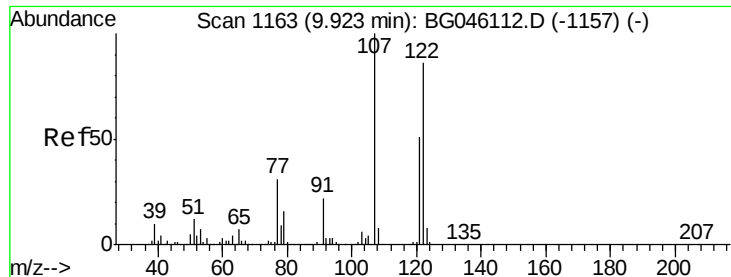
mohammad
8/3/2020 12:22:14 PM



#26
2-Nitrophenol
Concen: 38.777 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	112352		
109	28.2		21.8	32.8
65	48.2		36.2	54.2





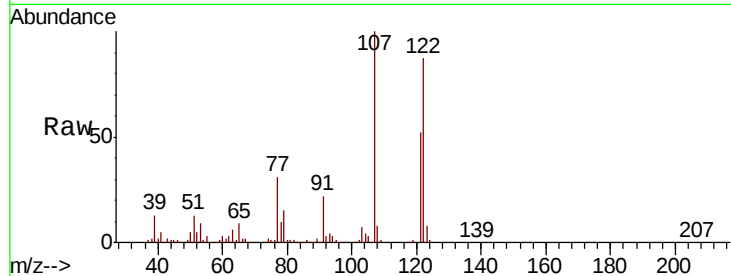
#27
2,4-Dimethylphenol
Concen: 42.062 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.0	92.4	138.6
121	59.4	47.0	70.6

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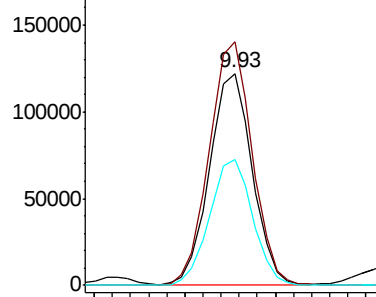


Abundance

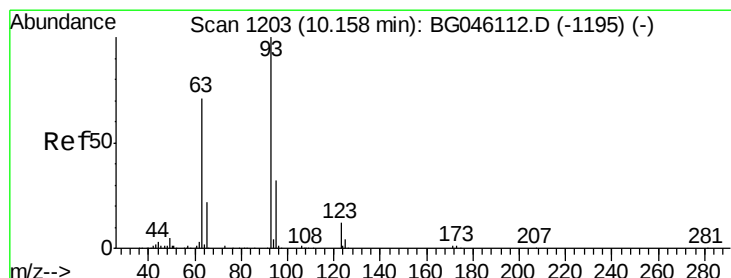
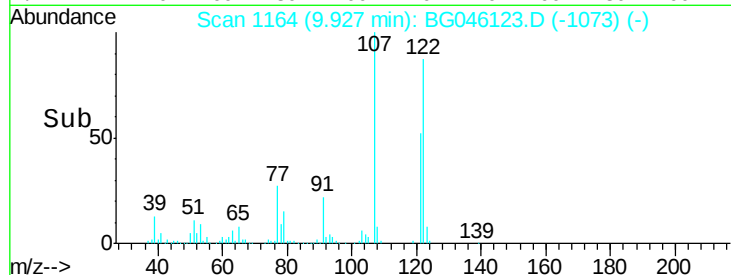
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

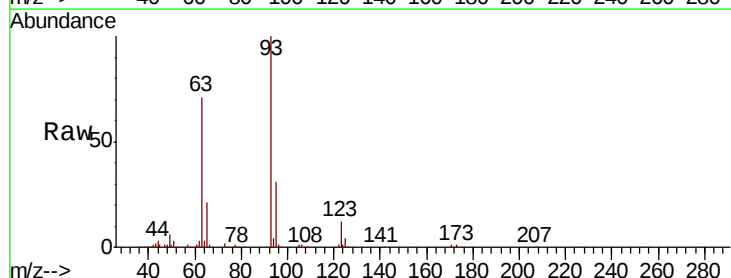


Time-->



#28
bis(2-Chloroethoxy)methane
Concen: 40.949 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.0	39.0
123	11.5	9.7	14.5

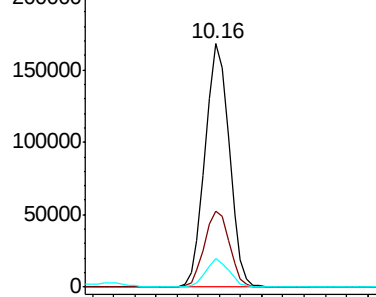


Abundance

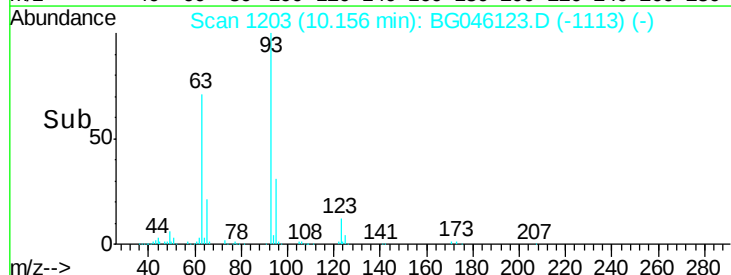
Ion 93.00 (92.70 to 93.70): BGC

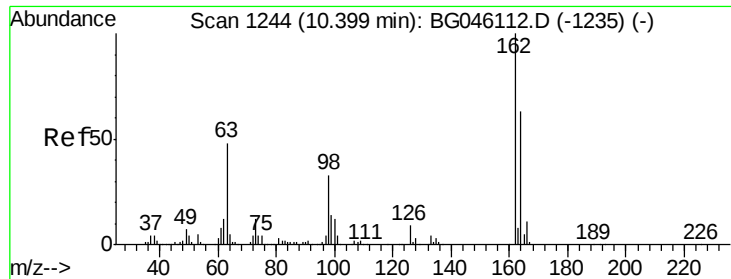
Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC



Time-->





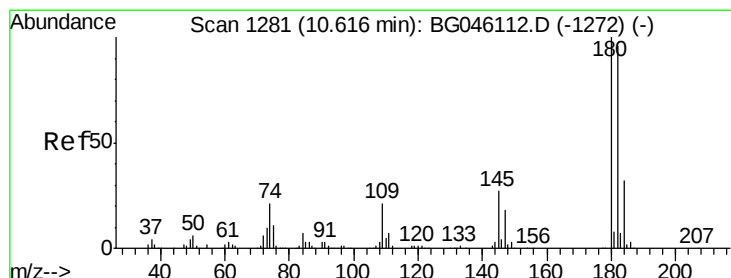
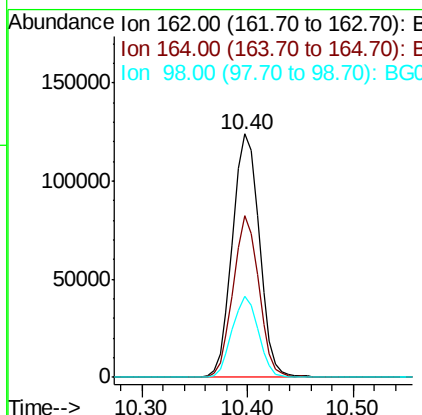
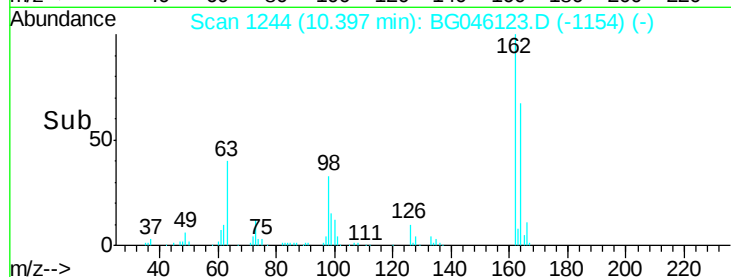
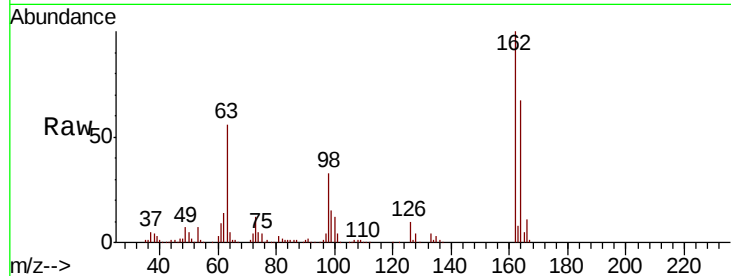
#29
2,4-Dichlorophenol
Concen: 39.469 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.5	43.3	83.3
98	33.2	13.1	53.1

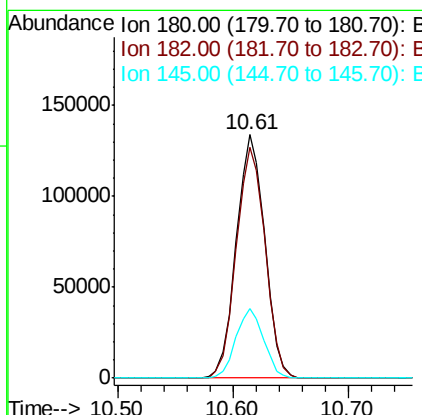
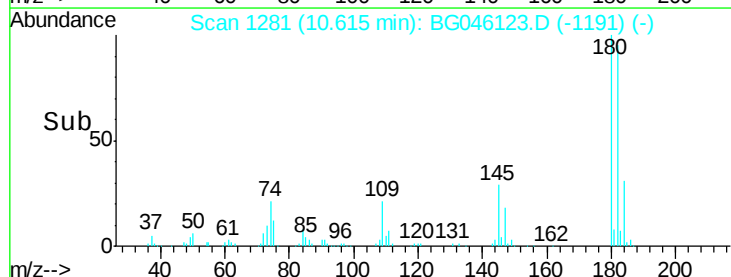
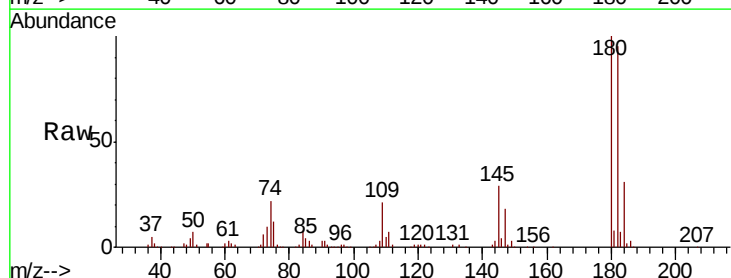
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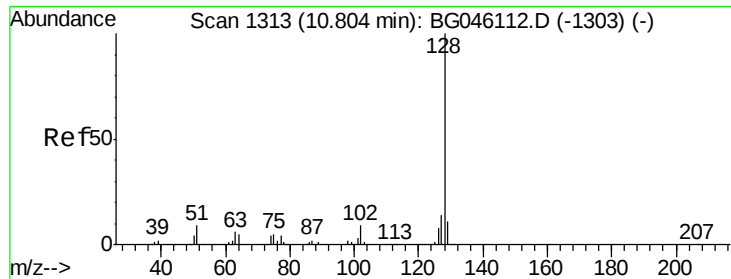
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#30
1,2,4-Trichlorobenzene
Concen: 35.169 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.8	76.7	115.1
145	28.6	21.8	32.8





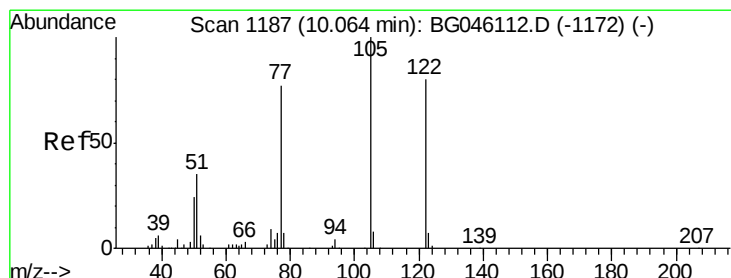
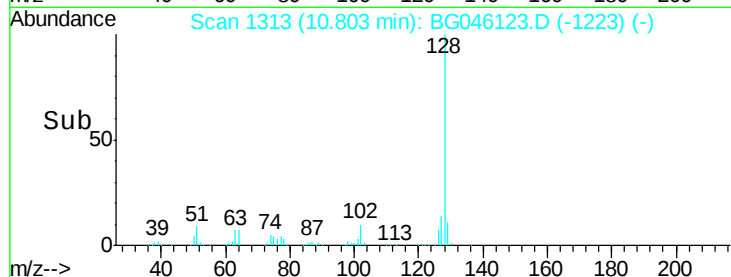
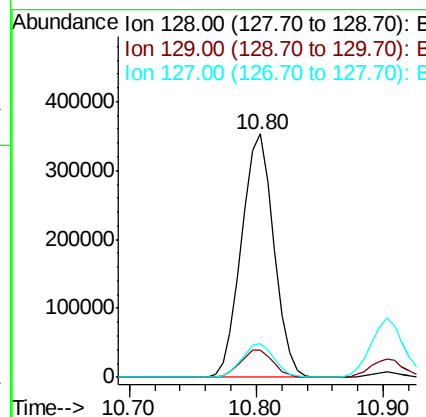
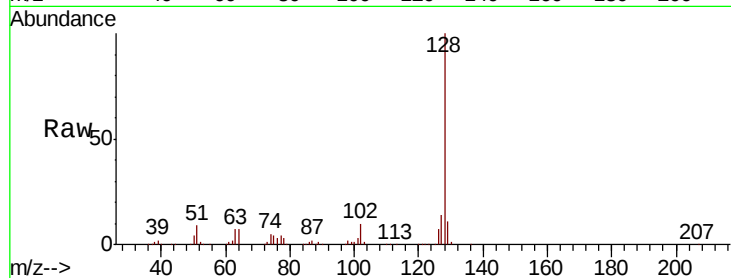
#31
Naphthalene
Concen: 36.350 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.9	11.3	16.9

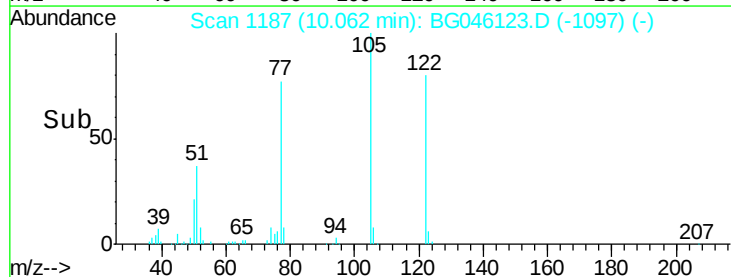
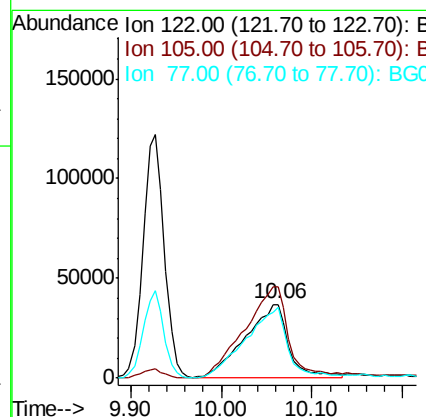
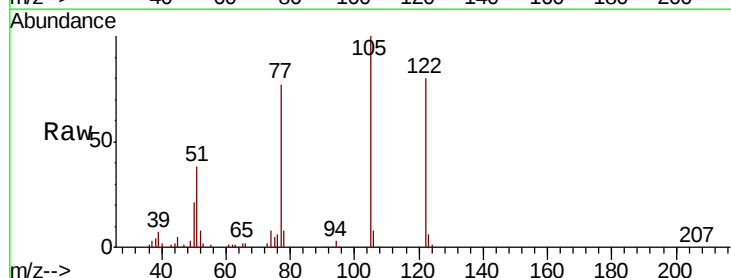
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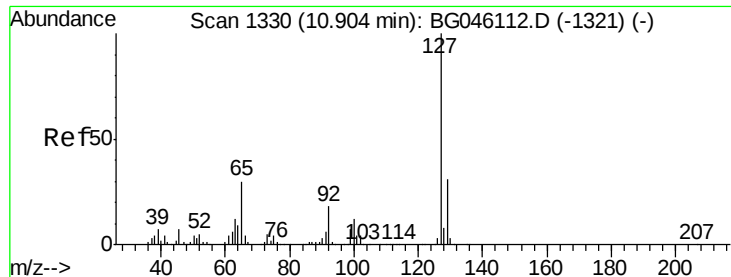
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#32
Benzoic acid
Concen: 37.290 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.4	103.0	143.0
77	96.1	75.2	115.2





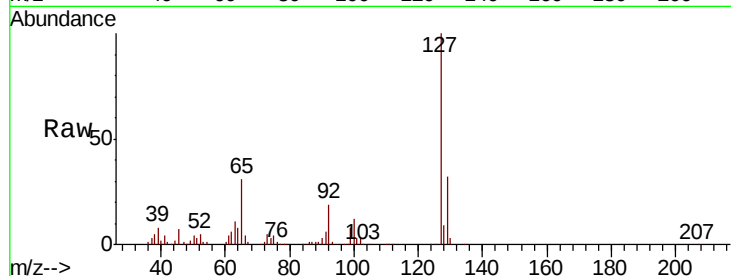
#33
4-Chloroaniline
Concen: 22.206 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

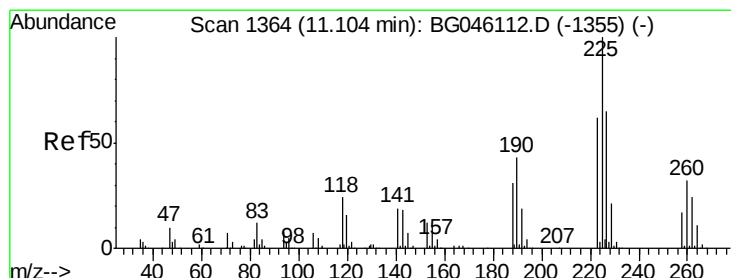
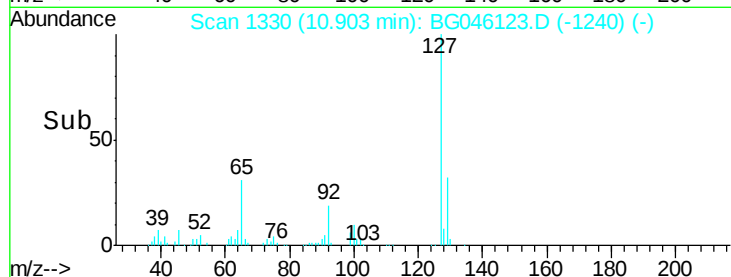
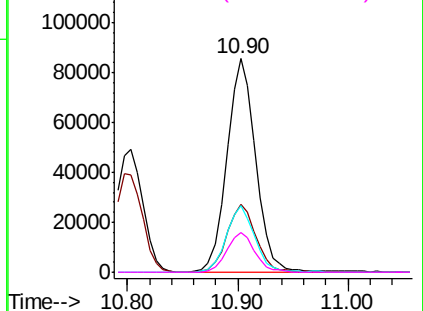
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.2	37.8		
65	31.2	24.2	36.2		
92	18.8	14.5	21.7		

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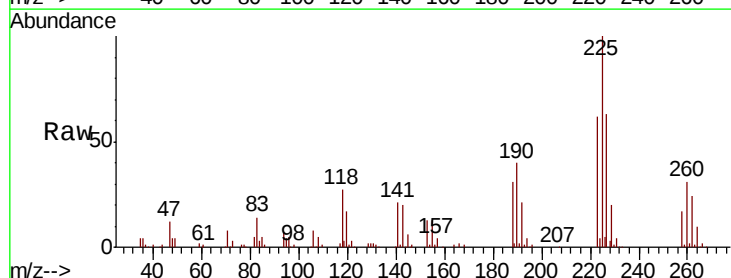


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

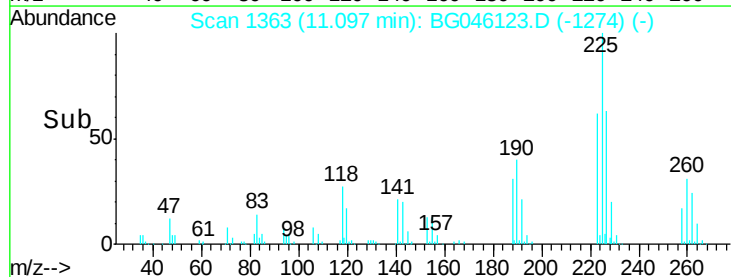
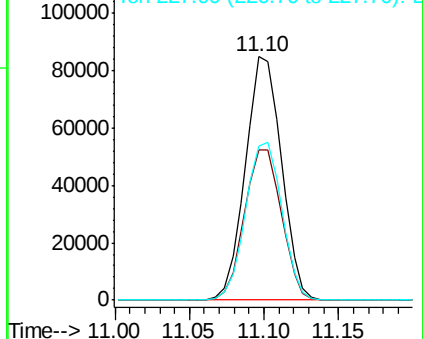


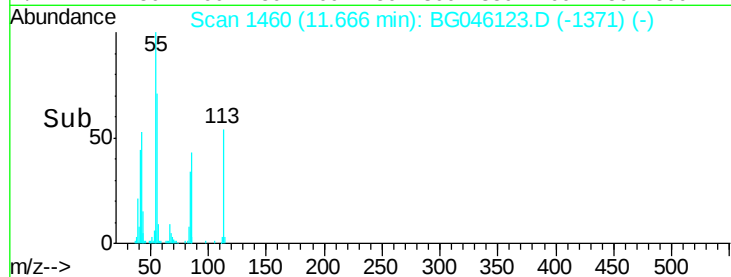
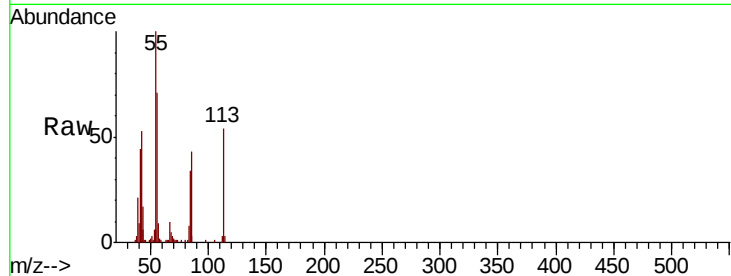
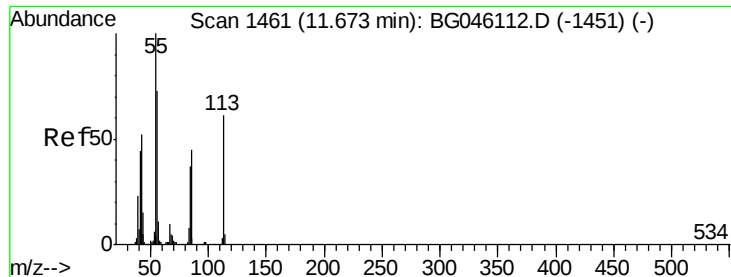
#34
Hexachlorobutadiene
Concen: 32.873 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	49.8	74.6		
227	63.1	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





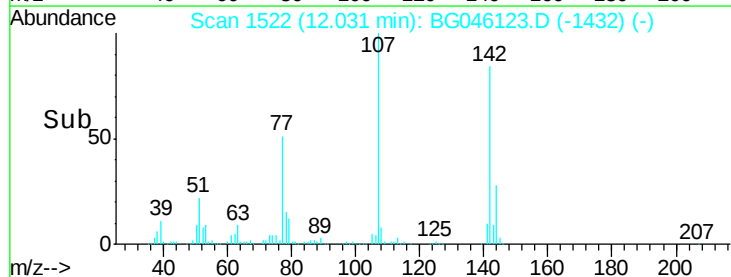
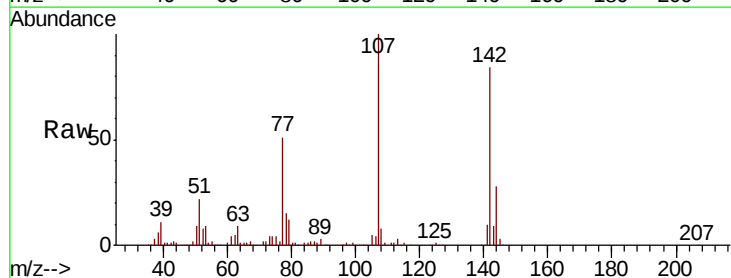
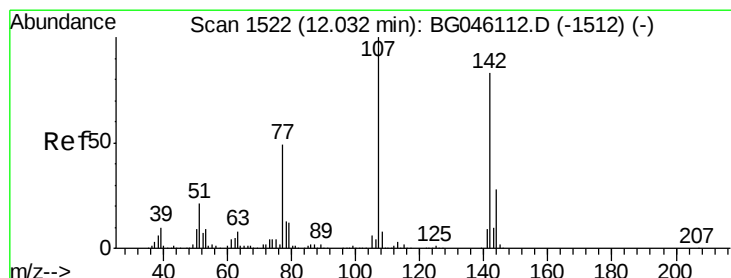
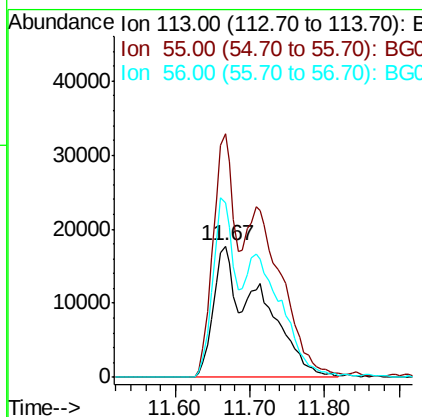
#35
Caprolactam
Concen: 42.734 ng/ml
RT: 11.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.0	144.7	184.7#
56	132.2	99.4	139.4

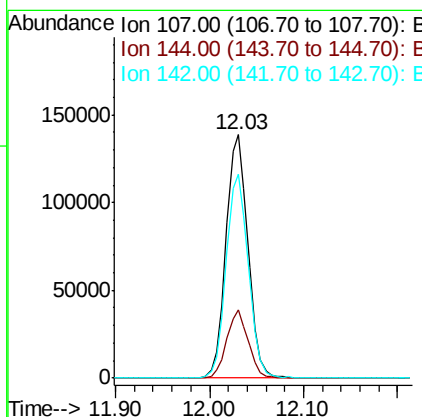
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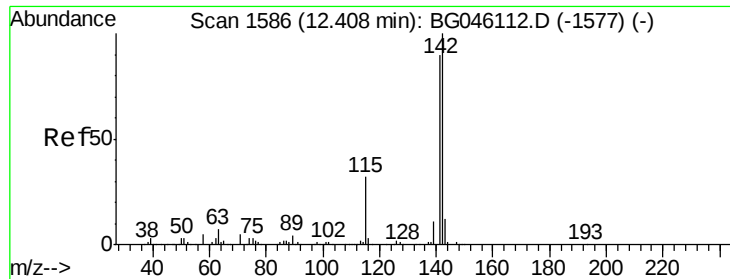
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#36
4-Chloro-3-methylphenol
Concen: 41.445 ng
RT: 12.03 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.4	33.6
142	83.9	66.6	100.0





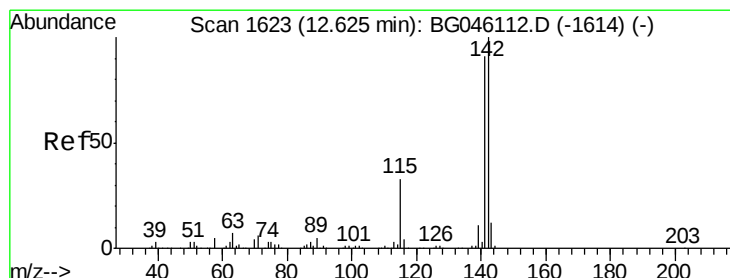
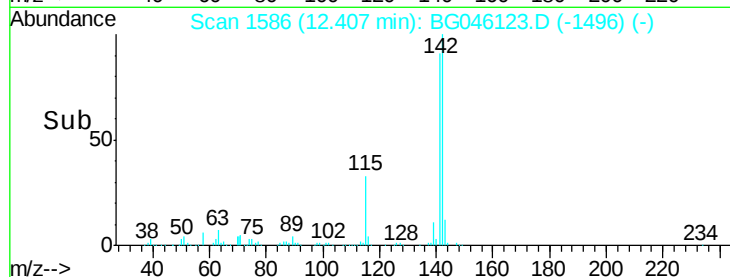
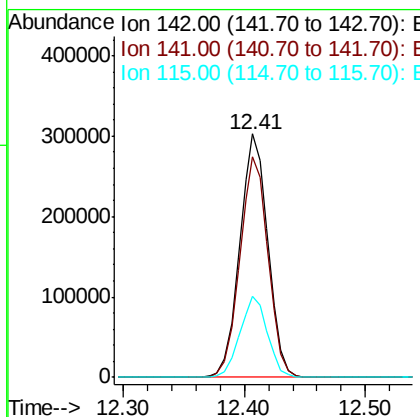
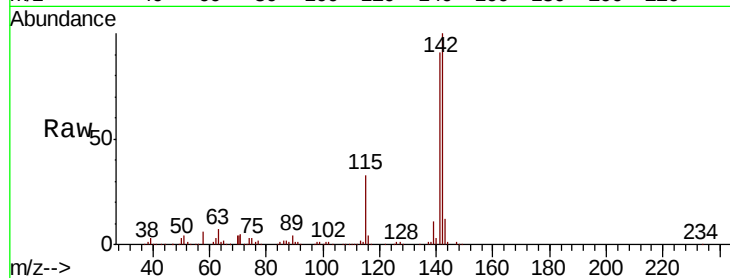
#37
2-Methylnaphthalene
Concen: 36.942 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.7	107.5
115	33.4	25.8	38.8

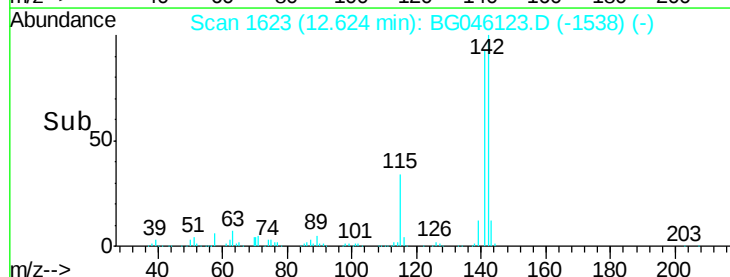
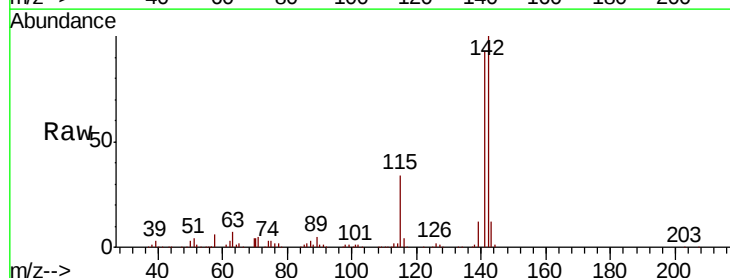
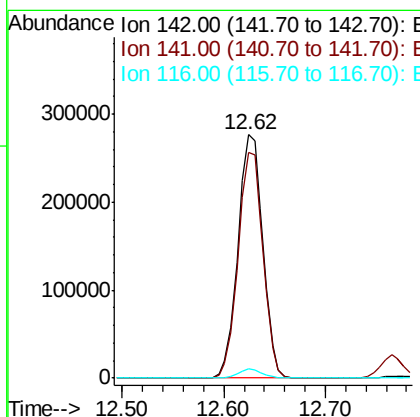
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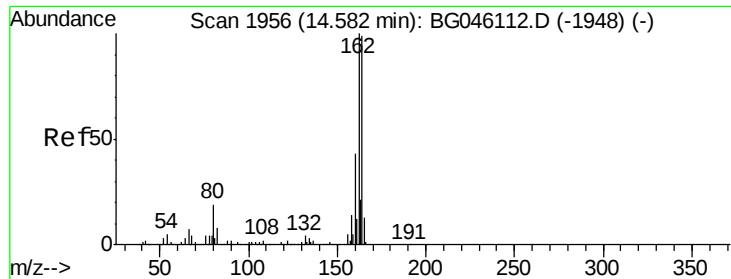
mohammad
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#38
1-Methylnaphthalene
Concen: 37.493 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.0	109.4
116	3.8	2.8	4.2





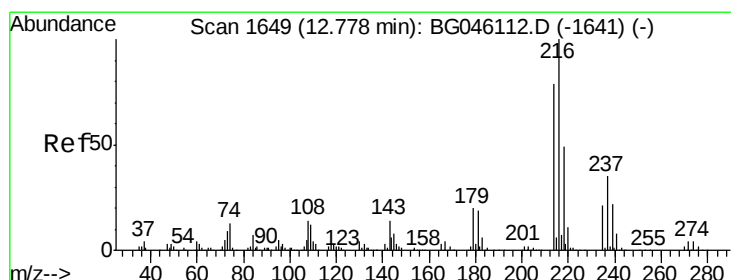
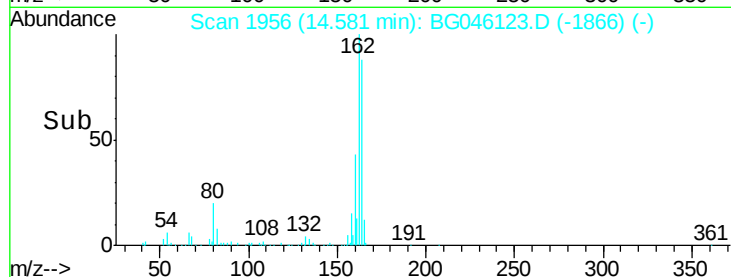
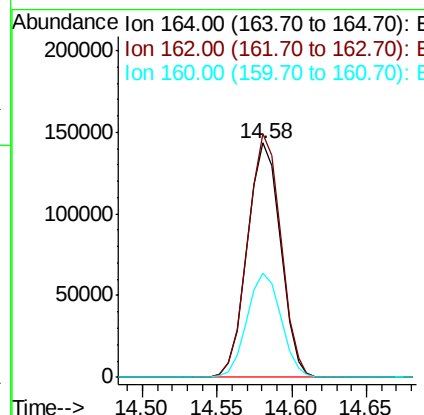
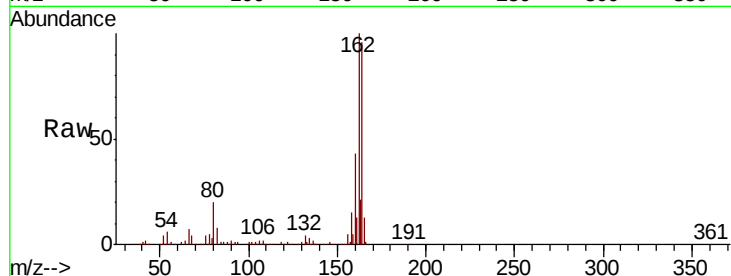
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	80.6	121.0	
160	44.2	34.9	52.3	

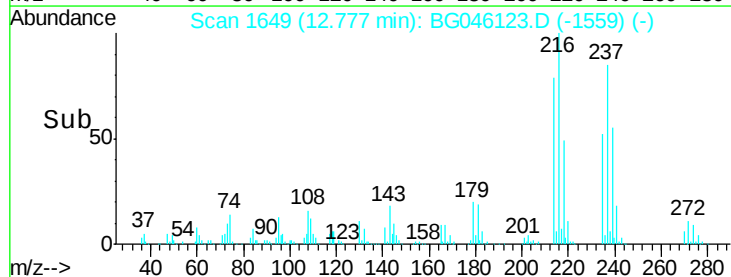
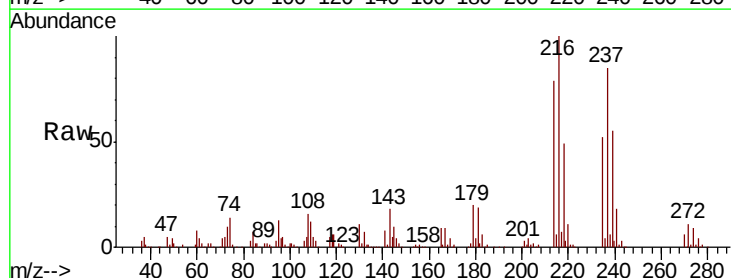
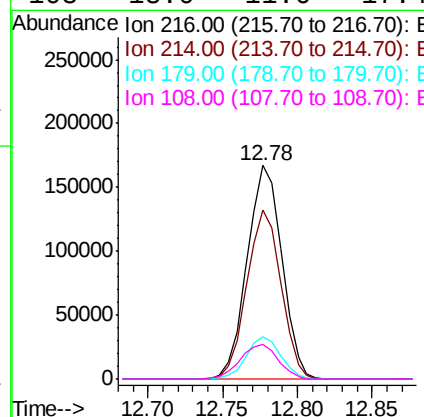
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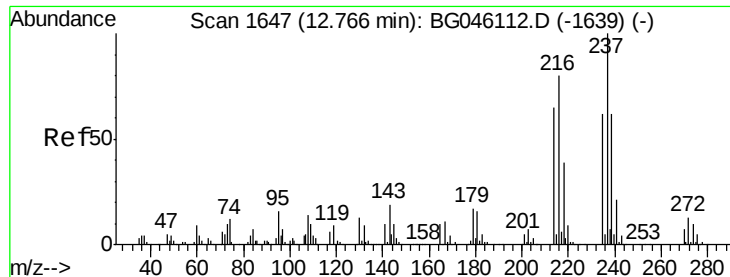
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.634 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.7	62.7	94.1	
179	19.4	15.0	22.6	
108	18.0	11.6	17.4	





#41

Hexachlorocyclopentadiene

Concen: 82.256 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

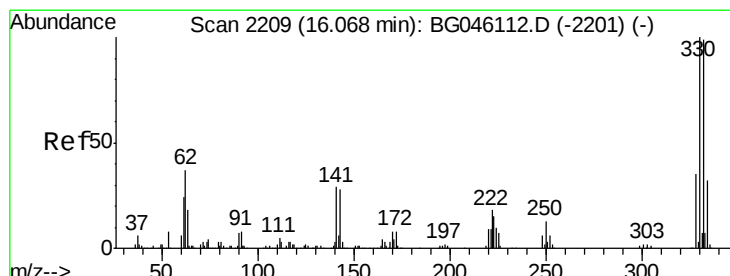
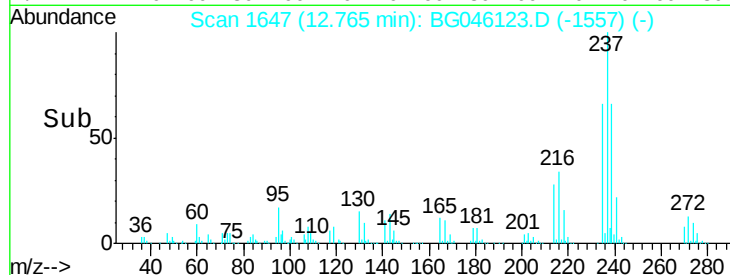
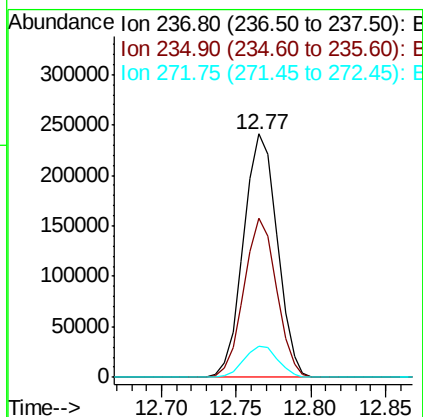
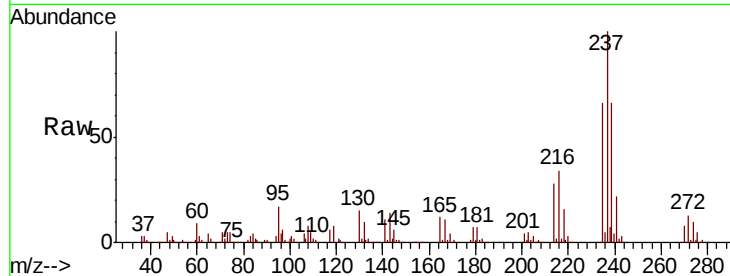
ClientSampleId :

PB130584BS

Tot Ion:	237	Resp:	377031
Ion Ratio		Lower	Upper
237	100		
235	65.5	42.3	82.3
272	13.0	0.0	32.7

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#42

2,4,6-Tribromophenol

Concen: 102.330 ng

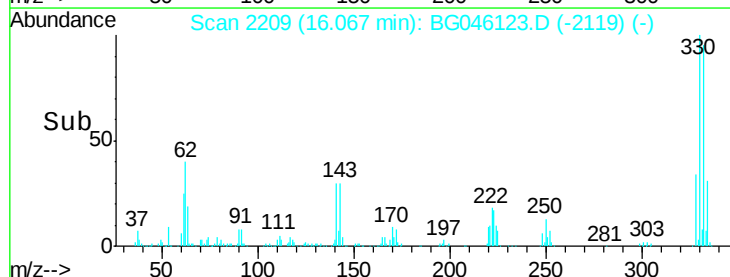
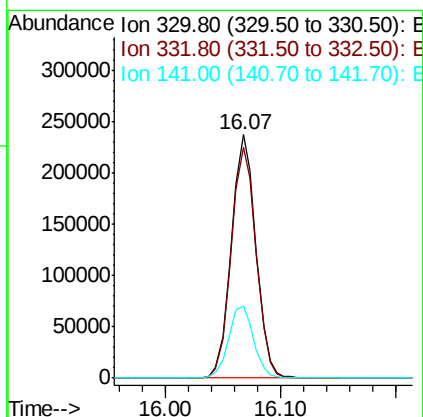
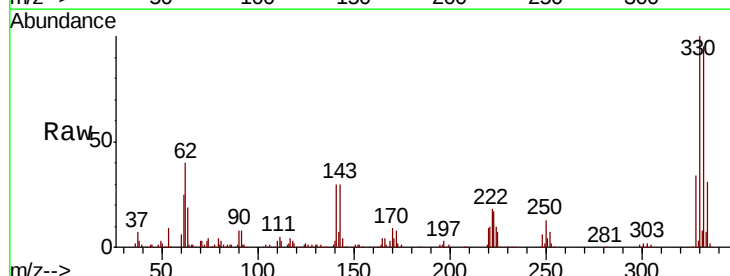
RT: 16.07 min Scan# 2209

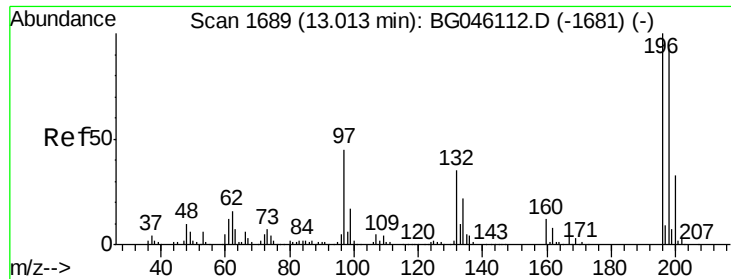
Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tgt Ion:	330	Resp:	348600
Ion Ratio		Lower	Upper
330	100		
332	96.0	77.4	116.2
141	30.3	23.4	35.0





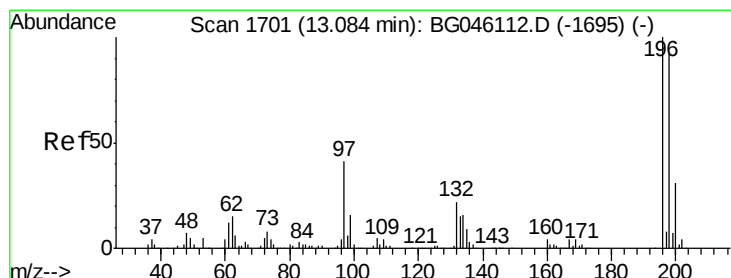
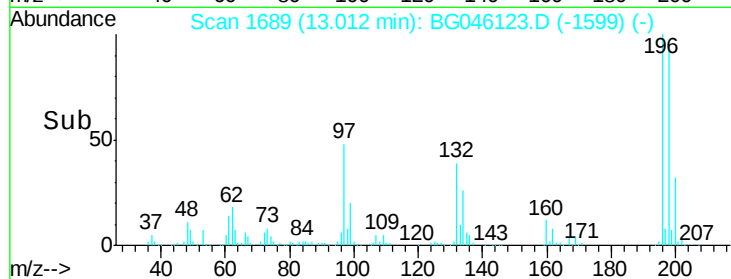
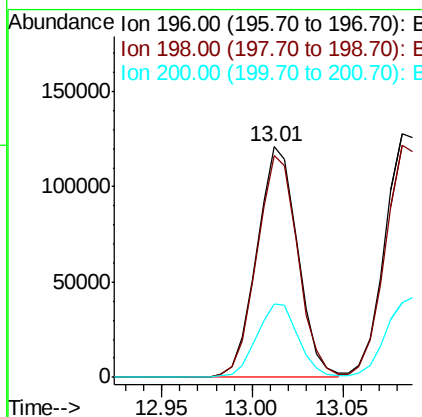
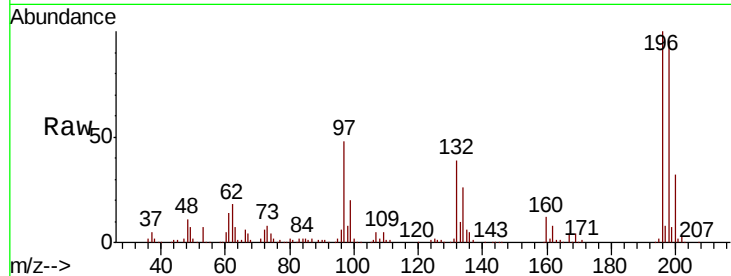
#43
 2,4,6-Trichlorophenol
 Concen: 37.089 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	189092		
198	96.2	74.2	111.4	
200	31.9	26.0	39.0	

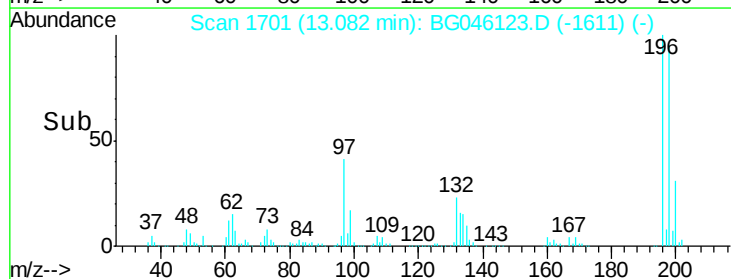
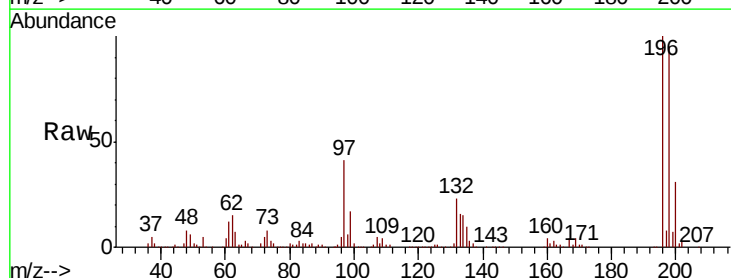
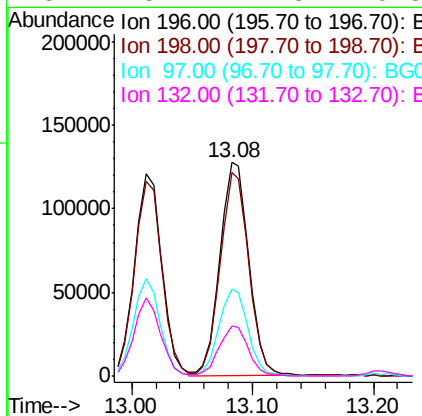
Manual Integrations
 APPROVED

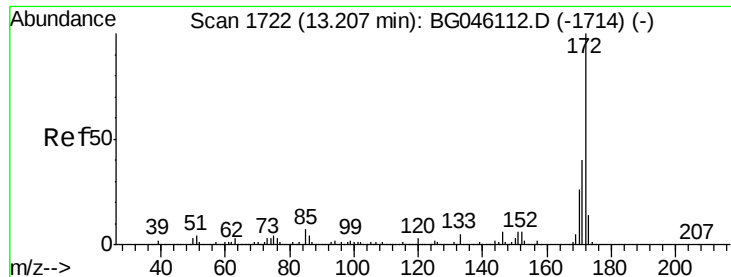
mohammad
 8/3/2020 12:22:14 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.917 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210924		
198	95.2	73.9	110.9	
97	41.0	32.7	49.1	
132	23.2	17.8	26.8	





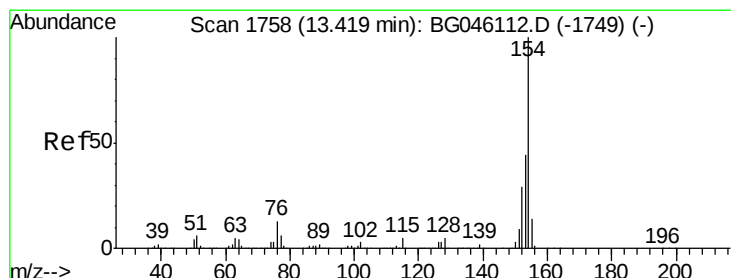
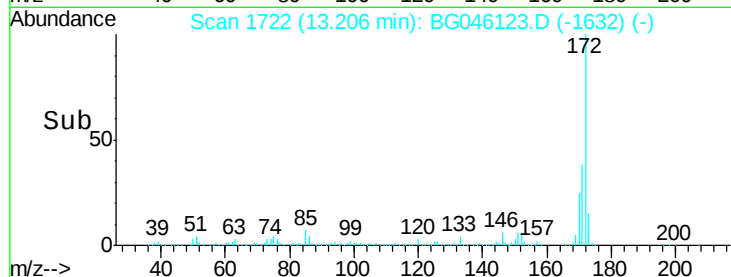
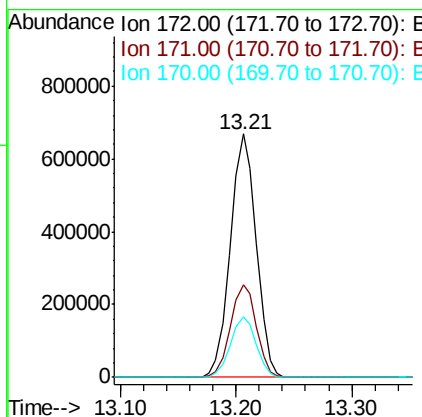
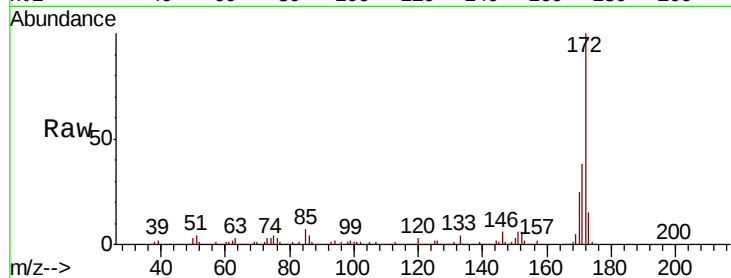
#45
2-Fluorobiphenyl
Concen: 67.450 ng
RT: 13.21 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.7	47.5
170	25.0	20.9	31.3

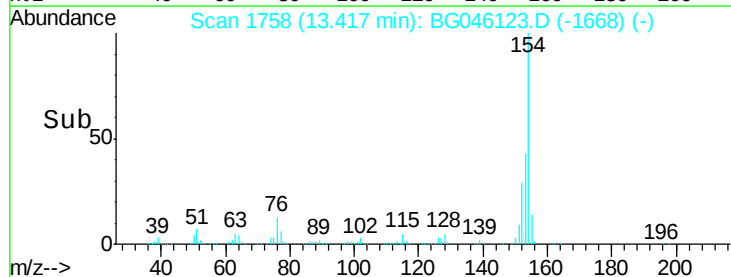
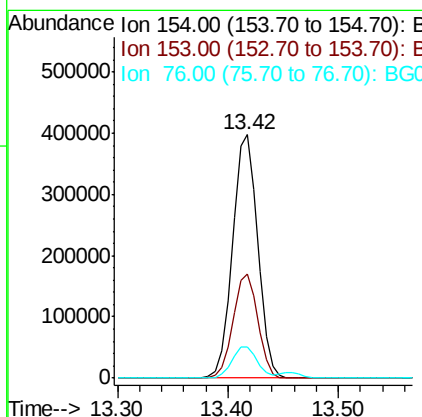
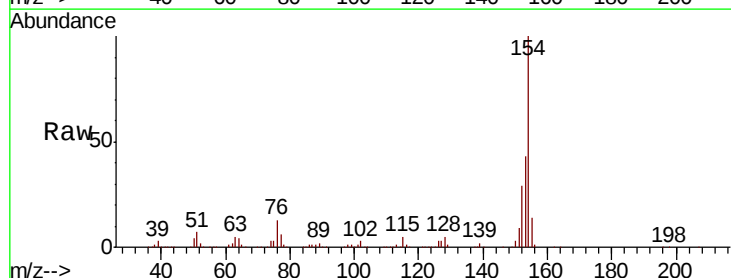
Manual Integrations
APPROVED

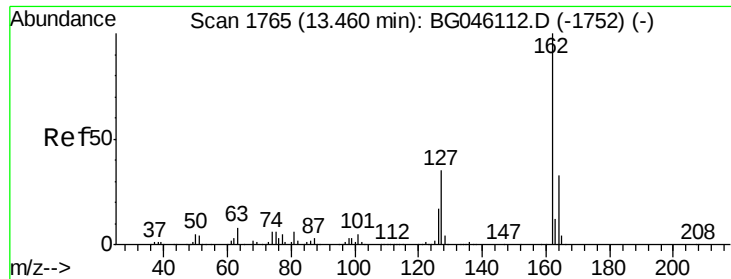
mohammad
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#46
1,1'-Biphenyl
Concen: 36.350 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.7	63.7
76	12.7	0.0	32.9





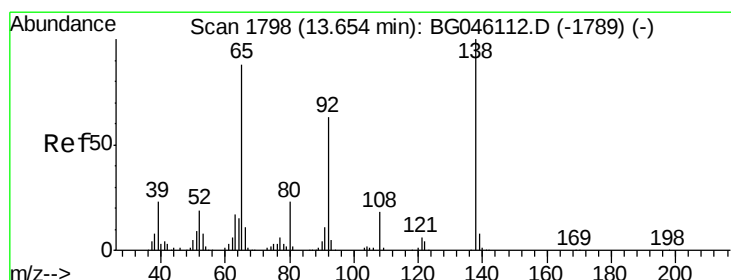
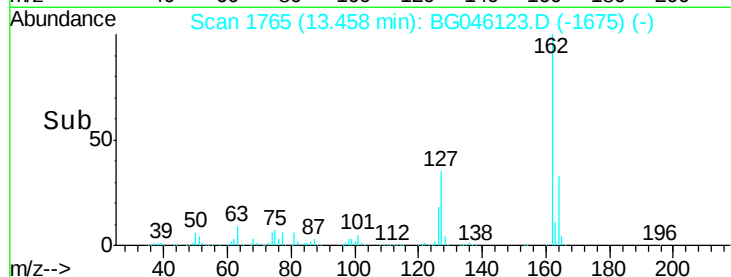
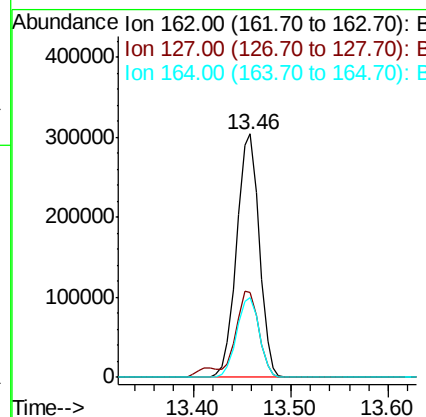
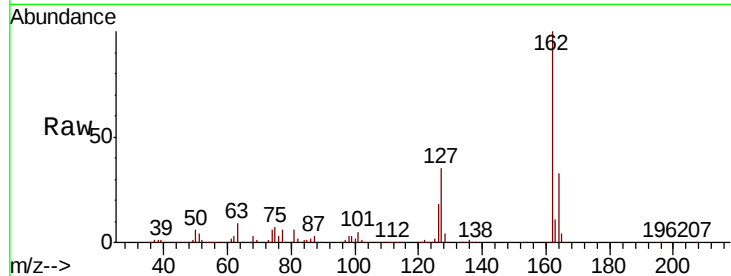
#47
2-Chloronaphthalene
Concen: 35.230 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	488931		
127	35.0	28.0	42.0	
164	32.9	26.5	39.7	

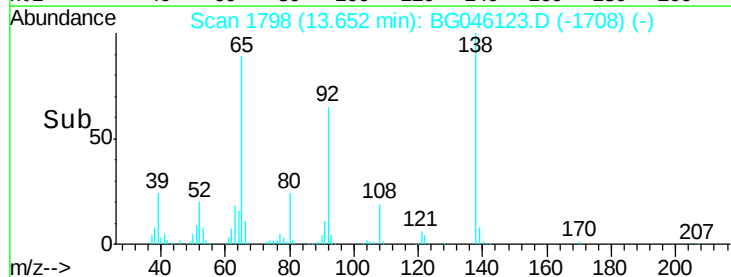
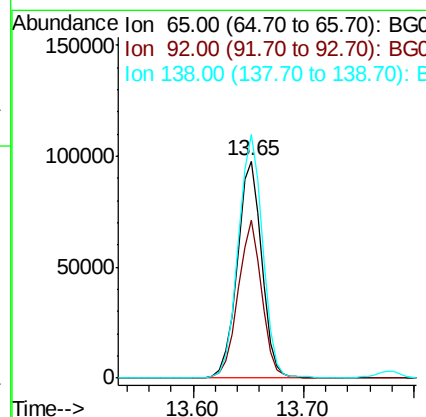
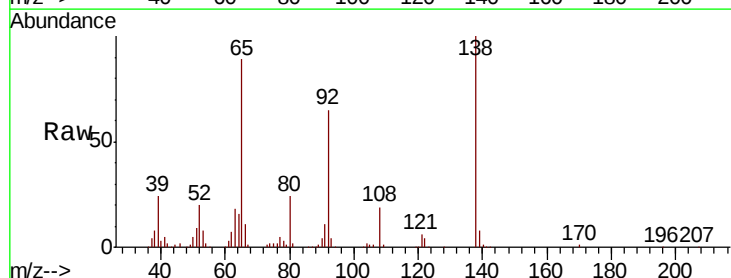
Manual Integrations
APPROVED

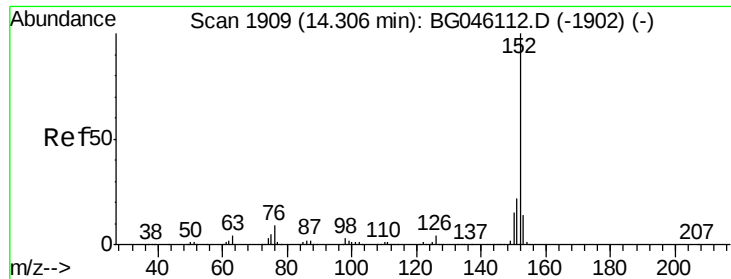
mohammad
8/3/2020 12:22:14 PM



#48
2-Nitroaniline
Concen: 42.044 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	152945		
92	72.6	57.4	86.2	
138	112.3	91.1	136.7	





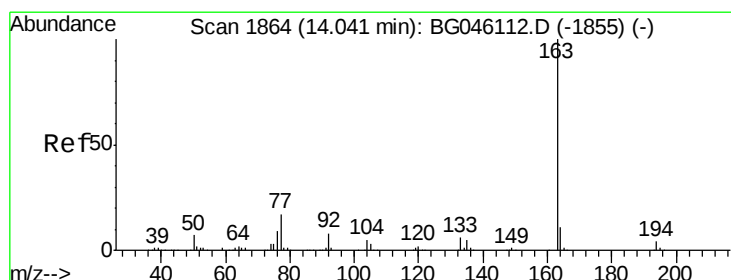
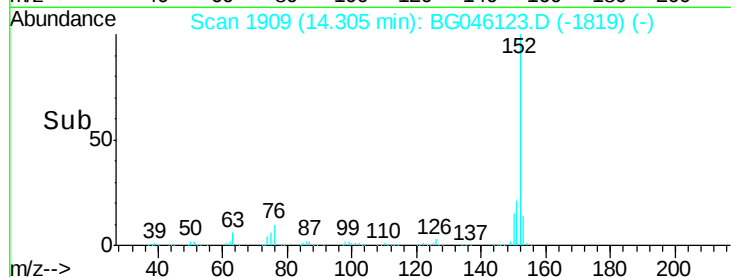
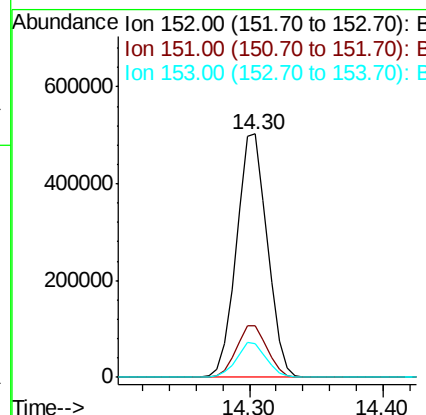
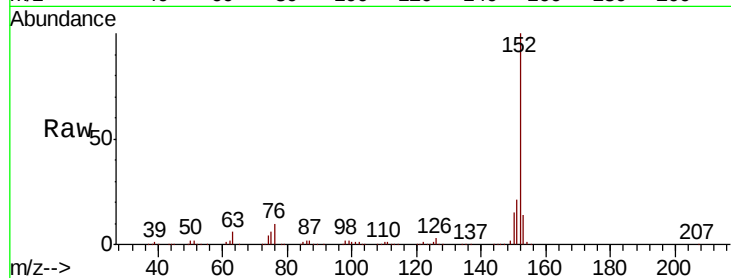
#49
Acenaphthylene
Concen: 37.433 ng
RT: 14.30 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.4	26.2
153	13.9	10.9	16.3

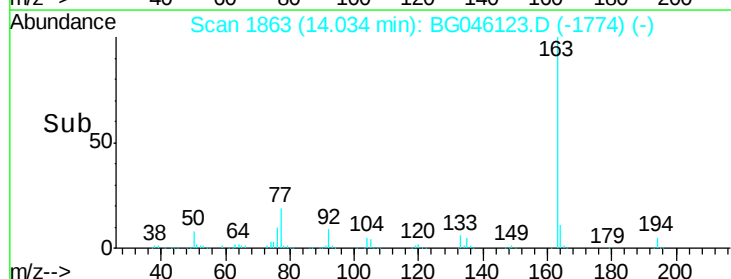
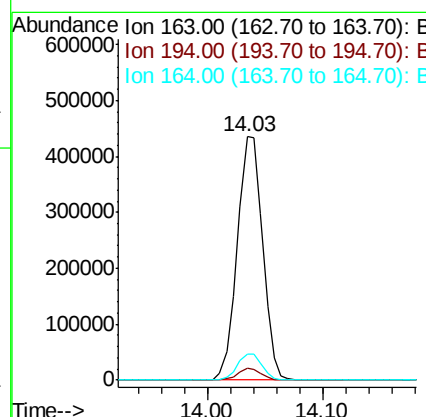
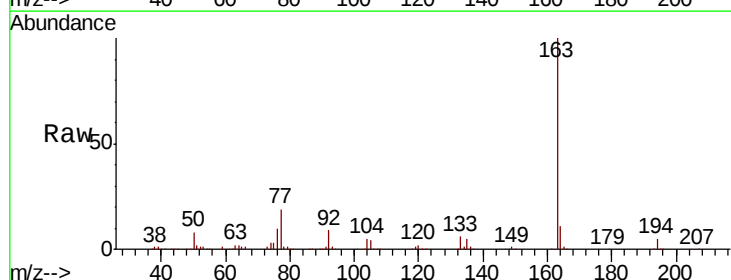
Manual Integrations
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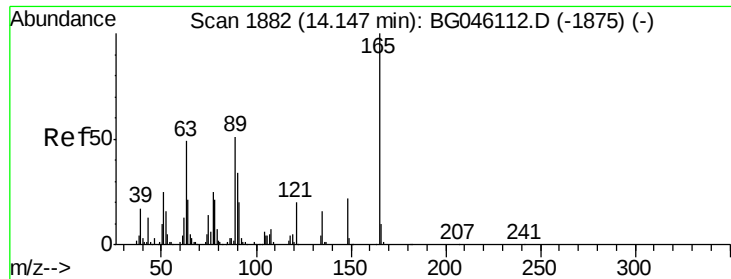
mohammad
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#50
Dimethylphthalate
Concen: 38.801 ng
RT: 14.03 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.9	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 38.250 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

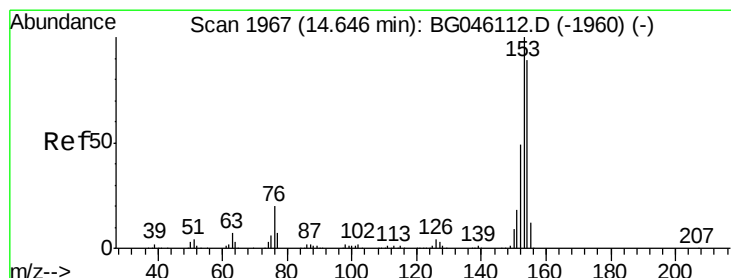
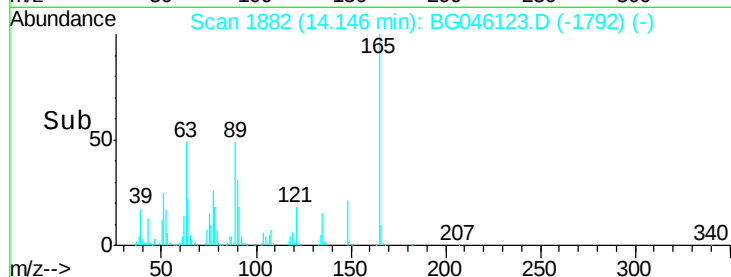
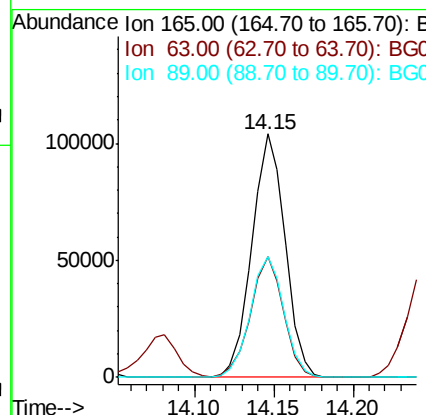
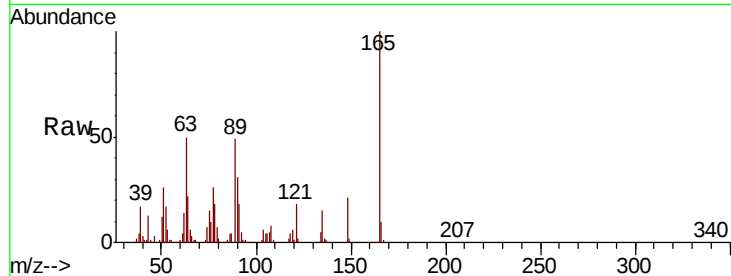
ClientSampleId :

PB130584BS

Tot Ion:	165	Resp:	151534
Ion Ratio	Lower	Upper	
165	100		
63	49.6	39.7	59.5
89	49.4	41.0	61.6

Manual Integrations
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#52

Acenaphthene

Concen: 40.624 ng

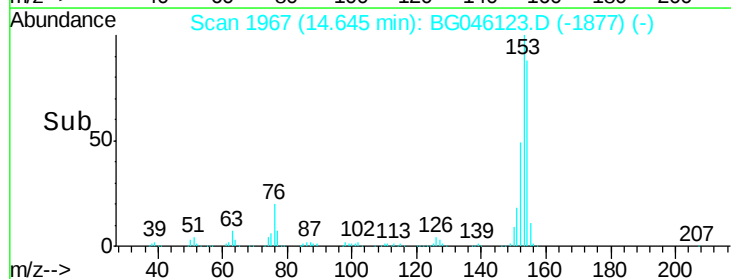
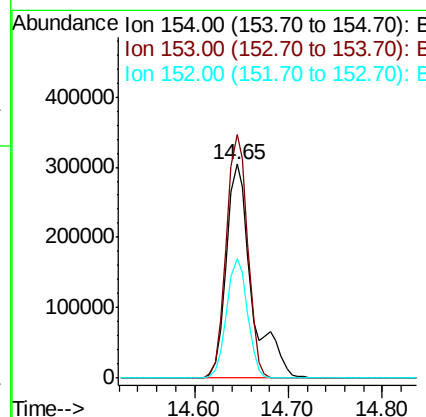
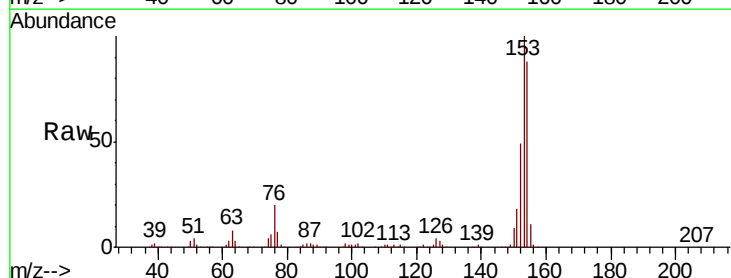
RT: 14.65 min Scan# 1967

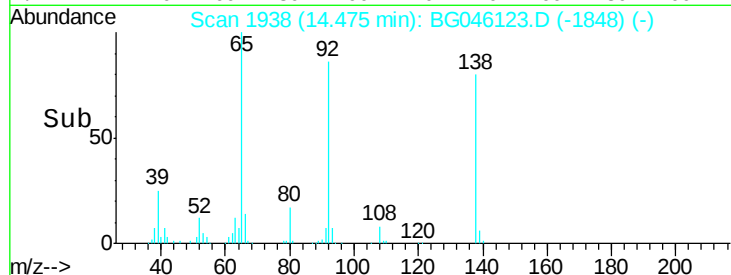
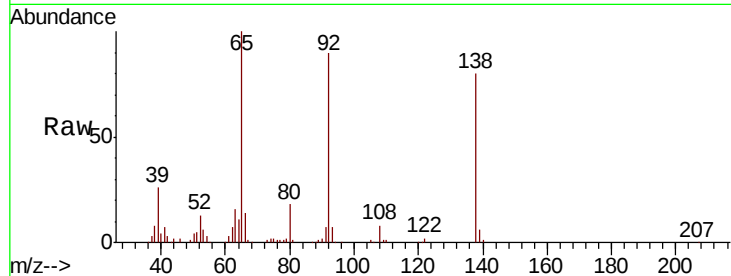
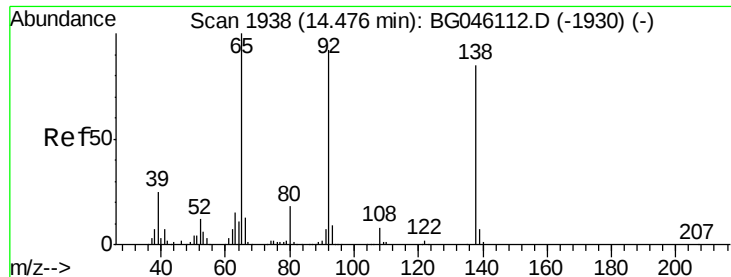
Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tgt Ion:	154	Resp:	577794
Ion Ratio	Lower	Upper	
154	100		
153	113.8	89.8	134.8
152	55.9	44.5	66.7





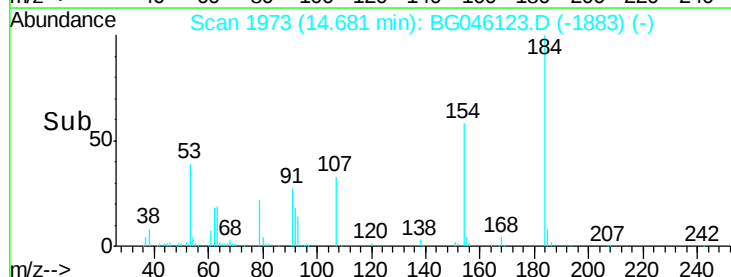
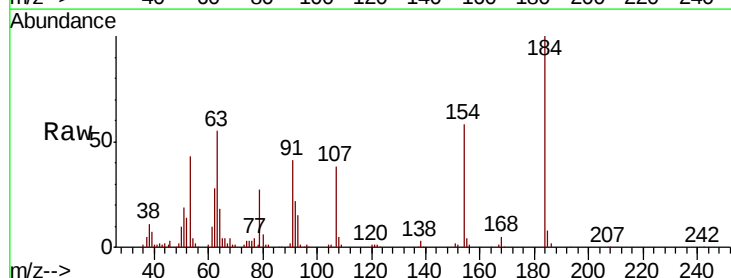
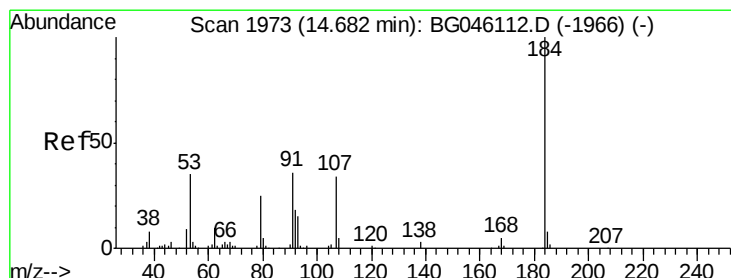
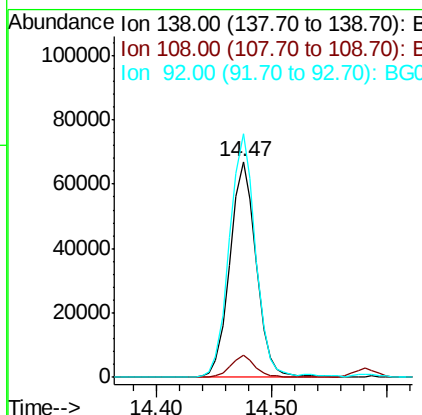
#53
3-Nitroaniline
Concen: 26.965 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.2	10.8
92	112.8	87.5	131.3

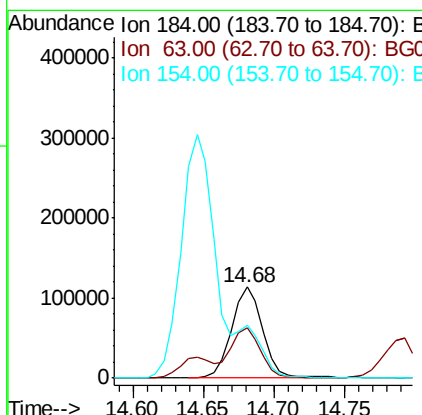
Manual Integrations
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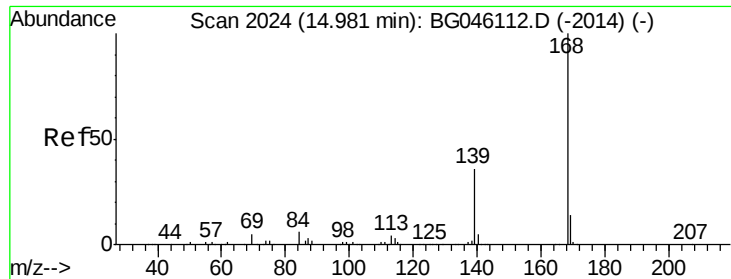
mohammad
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#54
2,4-Dinitrophenol
Concen: 70.946 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.3	36.7	55.1#
154	58.0	41.3	61.9





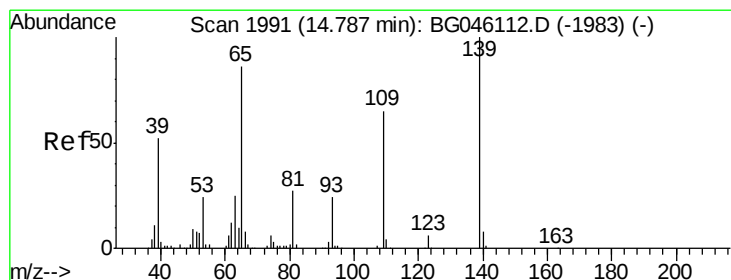
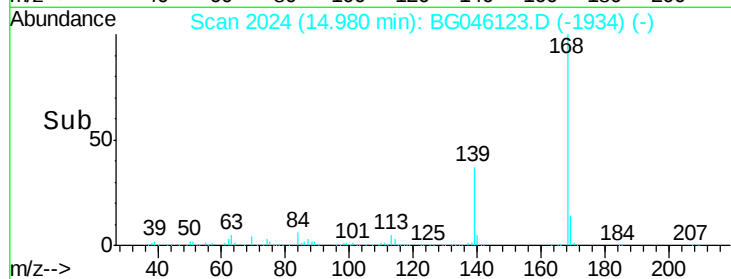
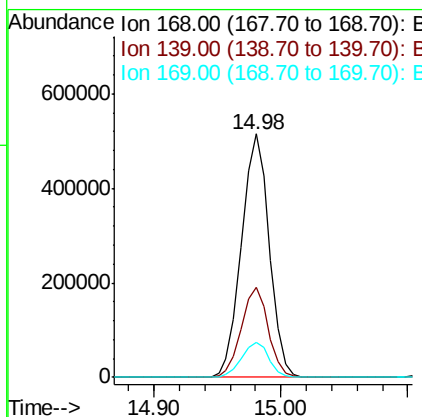
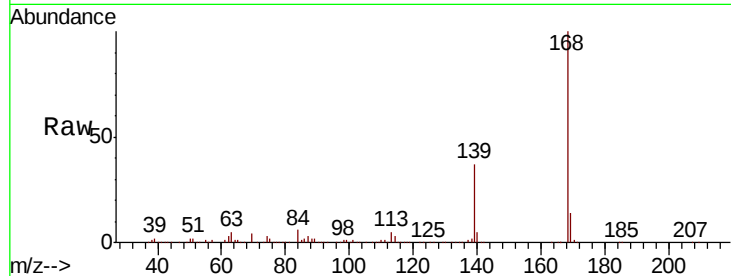
#55
Dibenzenofuran
Concen: 36.355 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.0	43.4
169	14.1	11.3	16.9

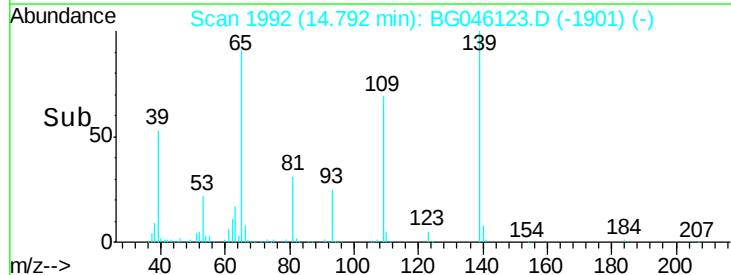
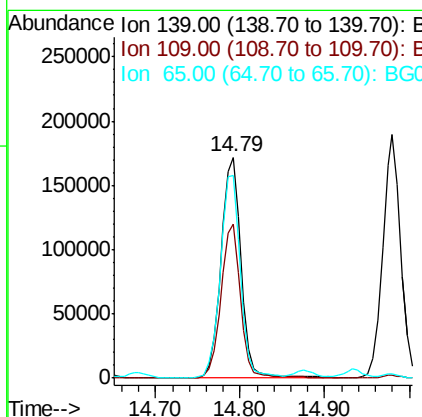
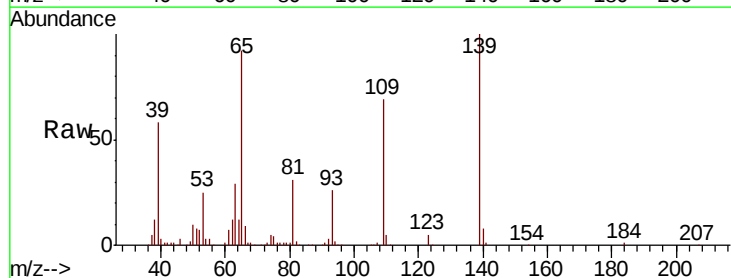
Manual Integrations
APPROVED

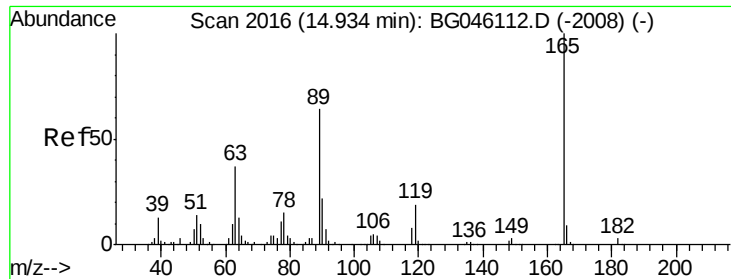
mohammad
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#56
4-Nitrophenol
Concen: 83.306 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	45.1	85.1
65	92.0	66.4	106.4





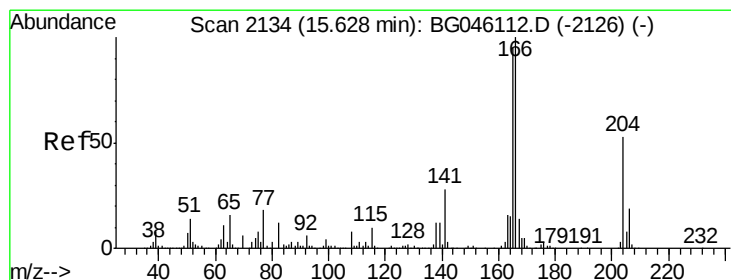
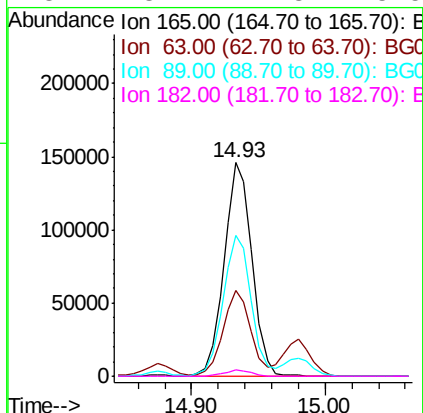
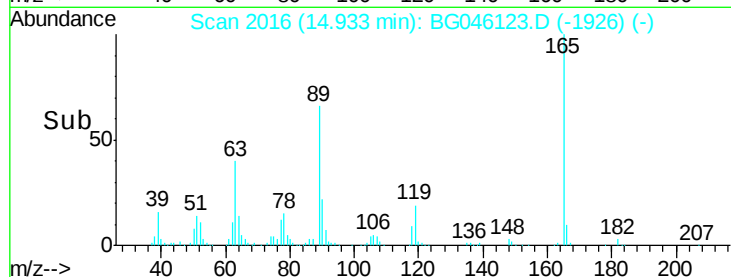
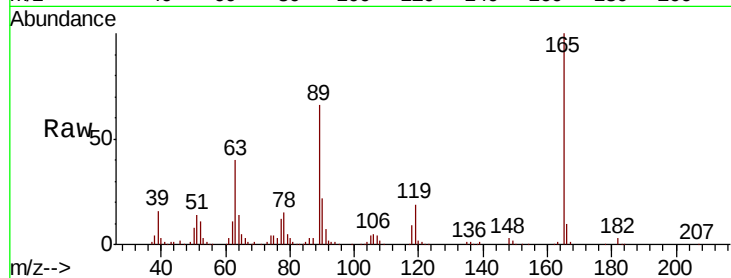
#57
2,4-Dinitrotoluene
Concen: 39.063 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		212778		
63	40.1		30.1	45.1	
89	65.9		51.4	77.2	
182	3.1		2.3	3.5	

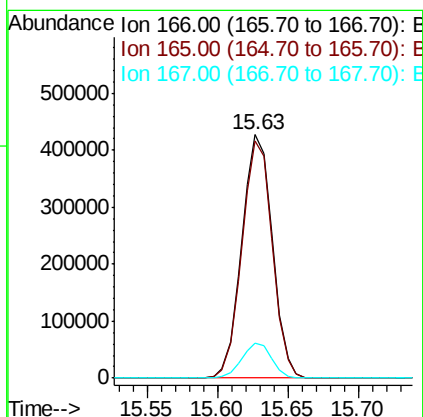
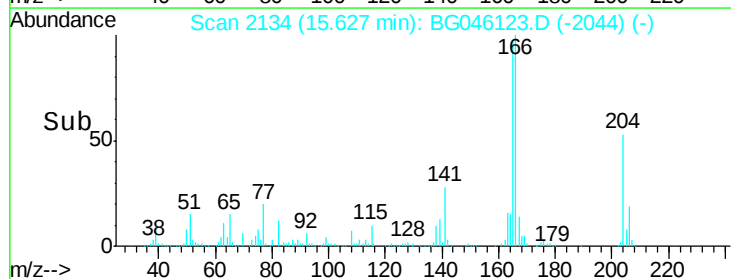
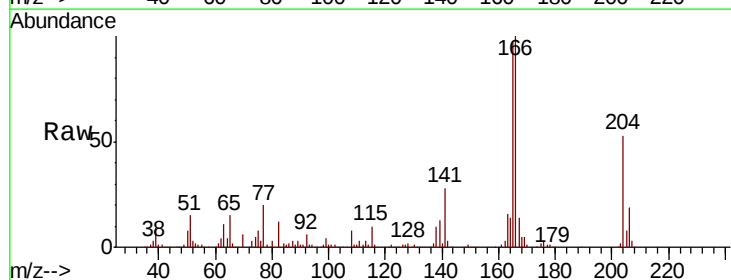
Manual Integrations
APPROVED

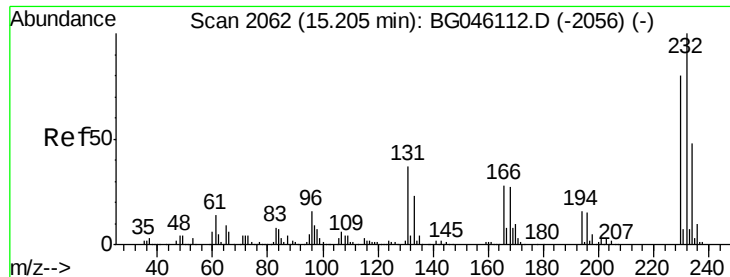
mohammad
8/3/2020 12:22:14 PM



#58
Fluorene
Concen: 37.251 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		647425		
165	97.2		76.3	114.5	
167	14.2		11.0	16.6	





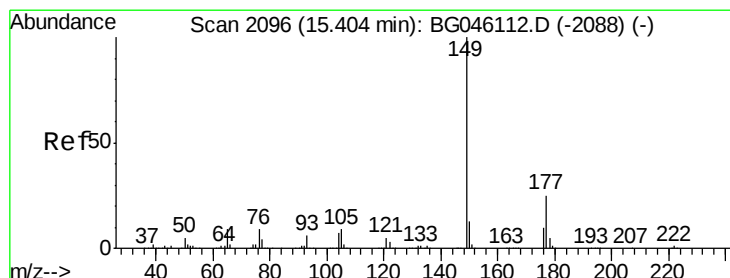
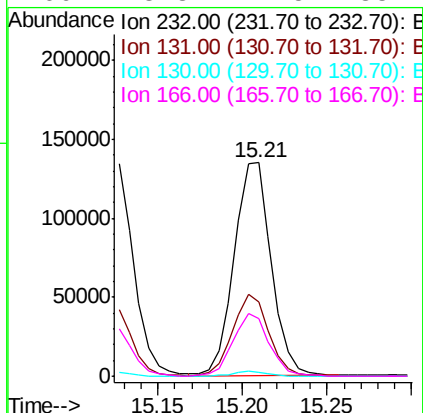
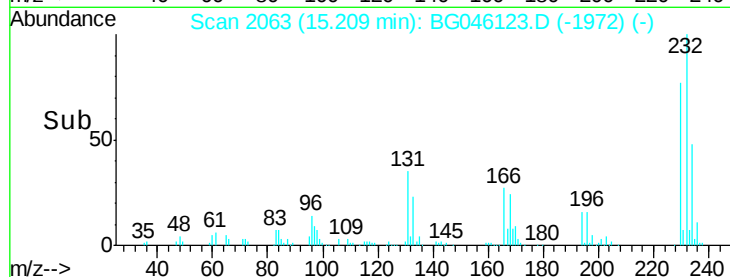
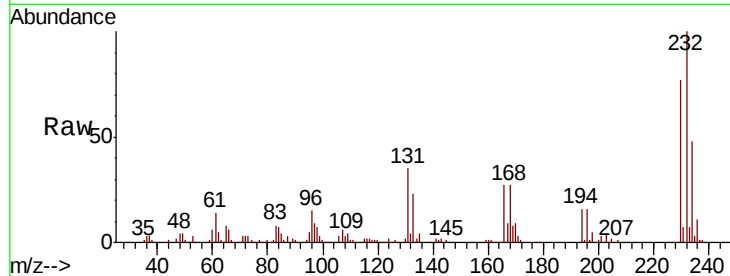
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.271 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	38.3	28.6	42.8
130	2.1	1.6	2.4
166	28.3	22.5	33.7

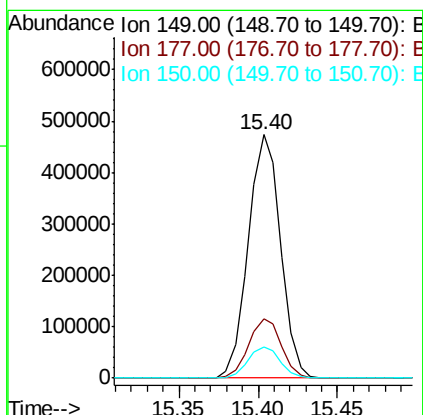
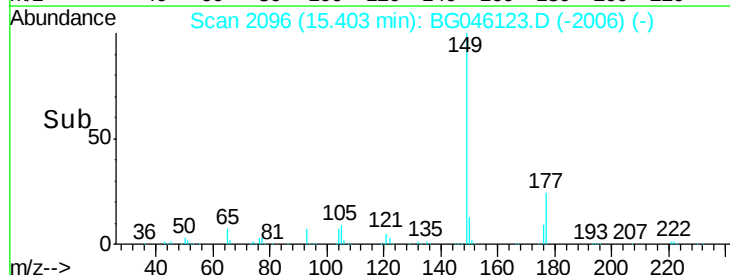
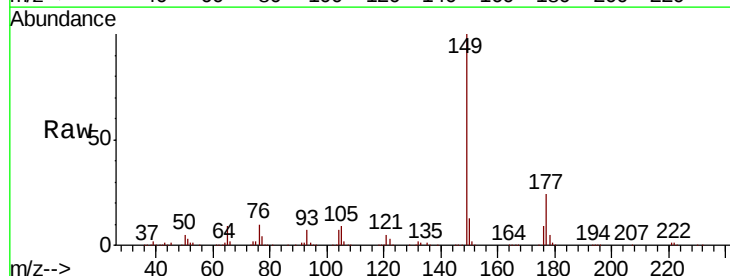
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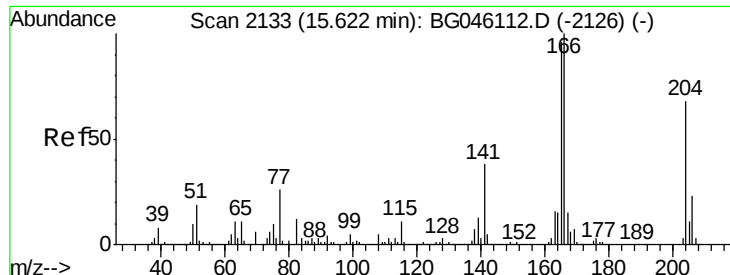
mohammad
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#60
 Diethylphthalate
 Concen: 39.938 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.1	19.7	29.5
150	12.7	10.8	16.2





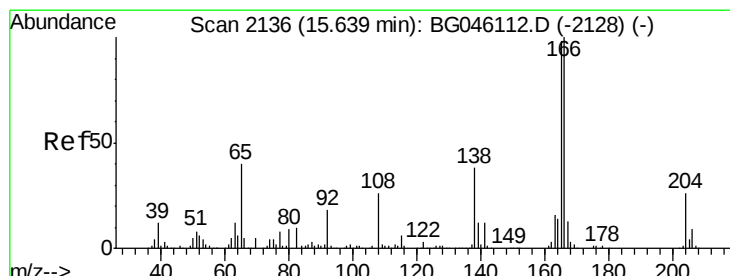
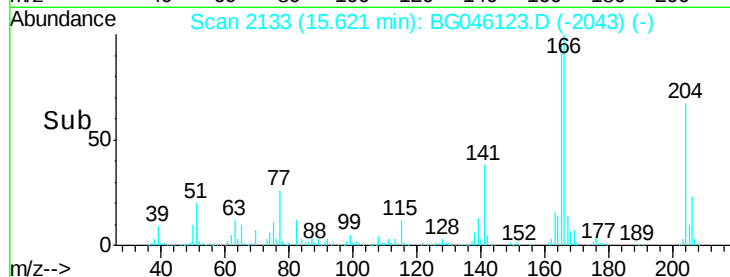
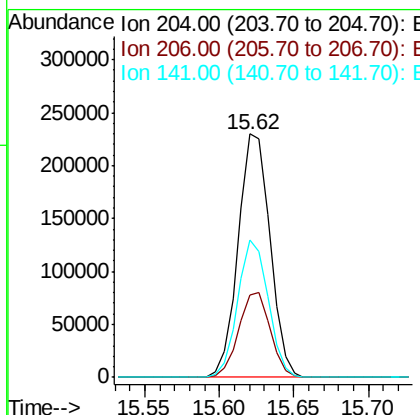
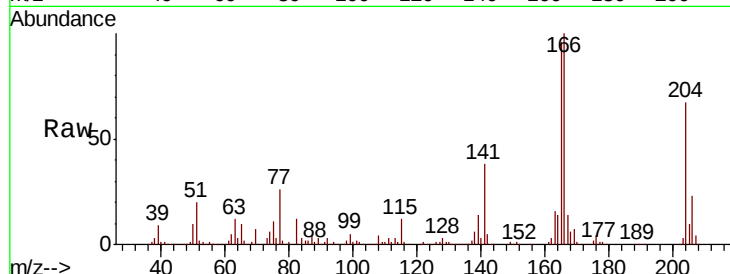
#61
 4-Chlorophenyl-phenylether
 Concen: 37.501 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.7	41.5
141	56.5	44.7	67.1

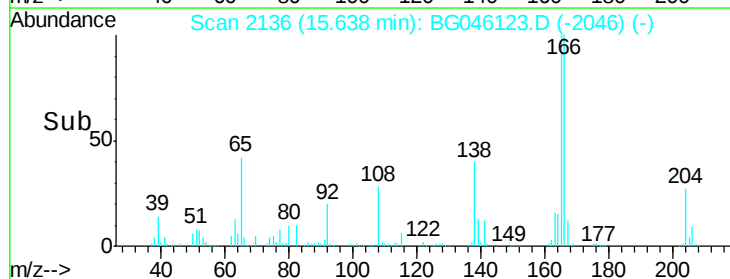
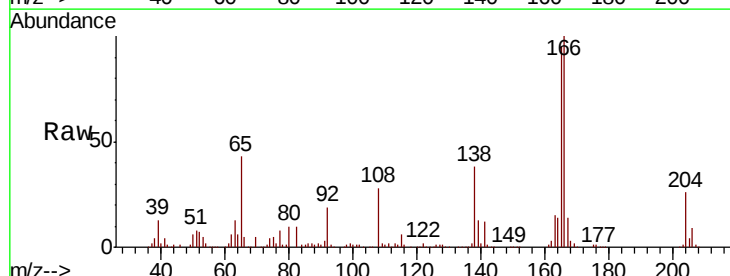
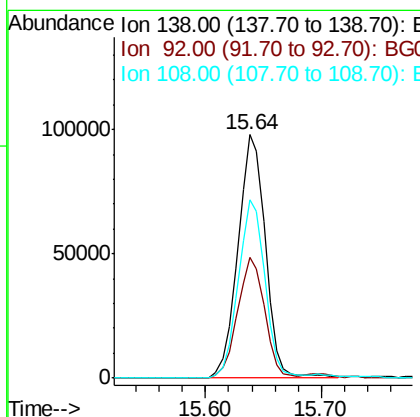
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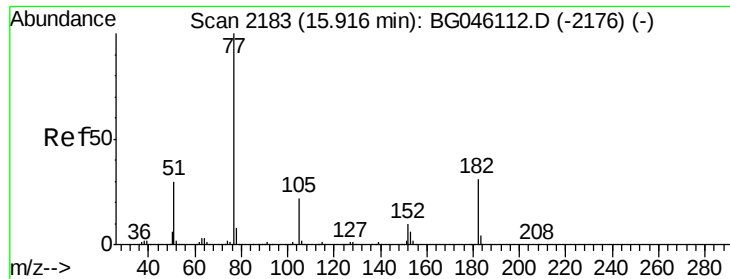
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#62
 4-Nitroaniline
 Concen: 40.837 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	28.3	68.3
108	73.0	49.2	89.2





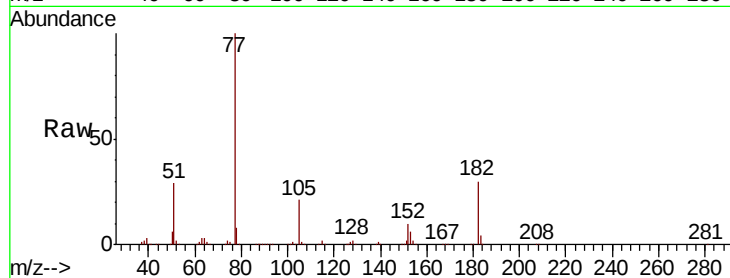
#63
Azobenzene
Concen: 38.847 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

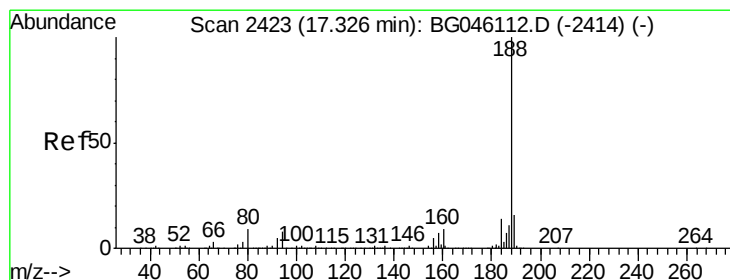
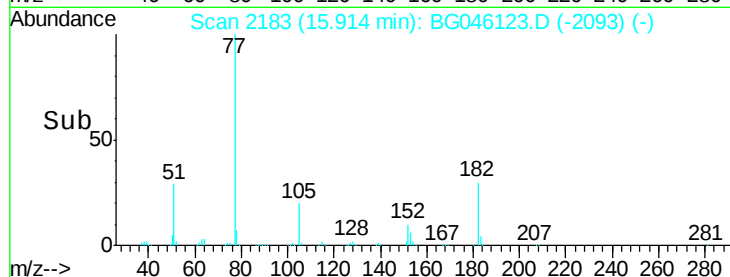
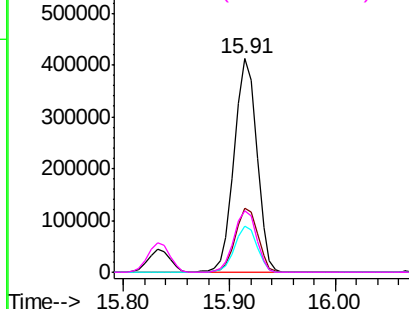
Tot Ion	Ratio	Lower	Upper
77	100		
182	29.8	10.7	50.7
105	21.5	1.9	41.9
51	29.0	9.5	49.5

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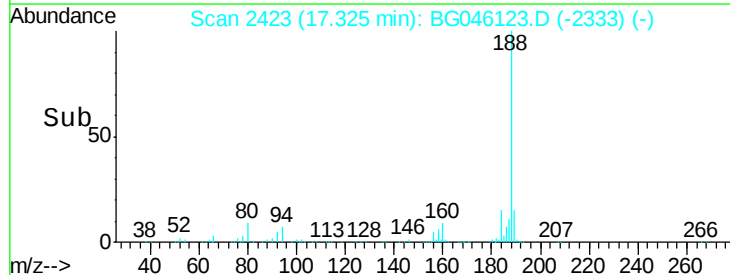
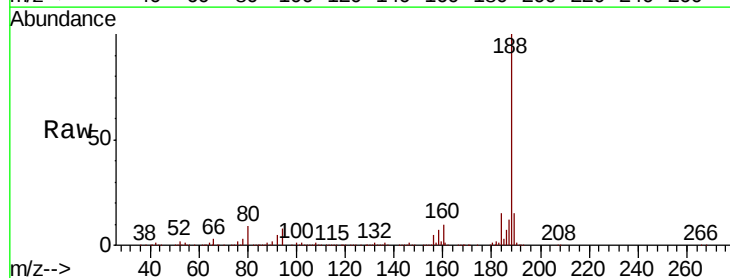
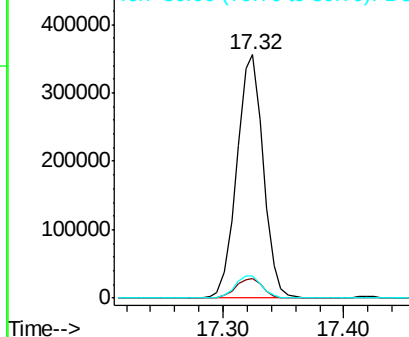
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

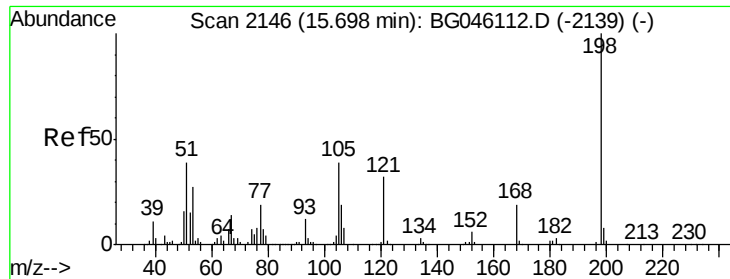


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.4	9.6
80	8.9	7.4	11.0

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





#65

4,6-Dinitro-2-methylphenol

Concen: 37.105 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

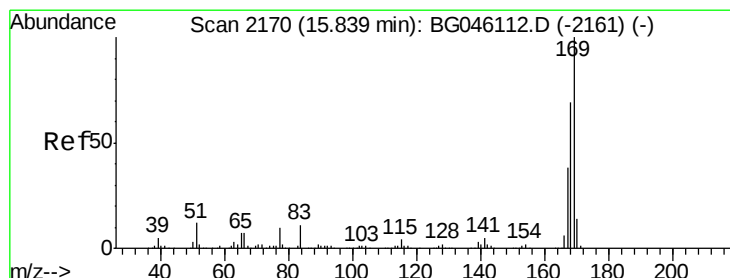
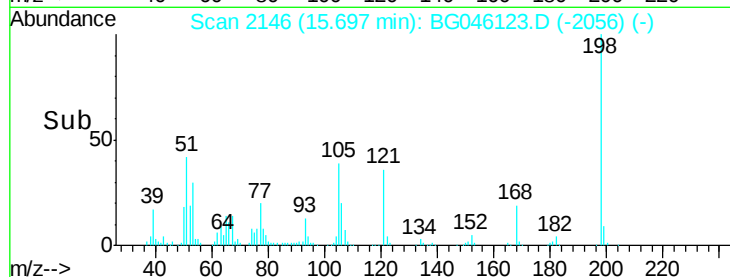
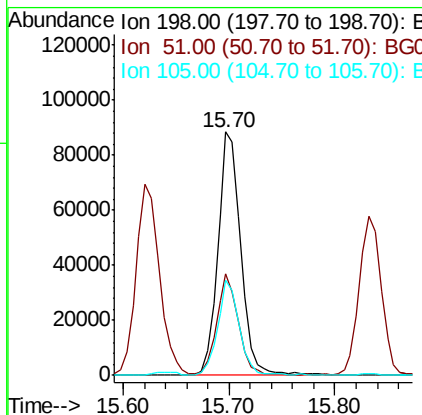
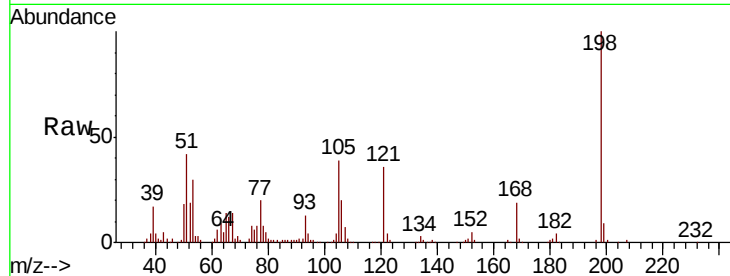
ClientSampleId :

PB130584BS

Tot Ion:	198	Resp:	133214
Ion Ratio	Lower	Upper	
198	100		
51	41.8	20.1	60.1
105	39.1	19.2	59.2

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#66

n-Nitrosodiphenylamine

Concen: 36.157 ng

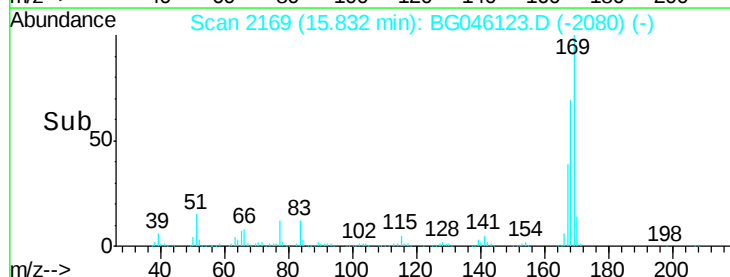
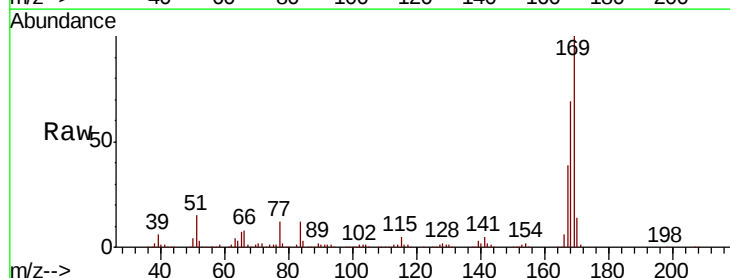
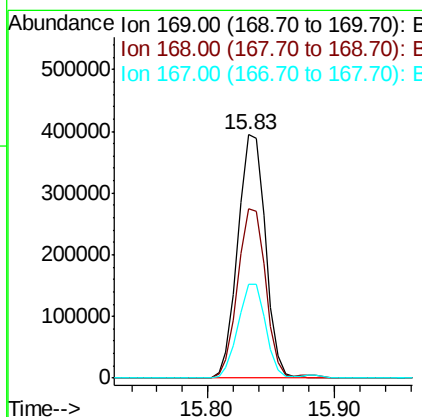
RT: 15.83 min Scan# 2169

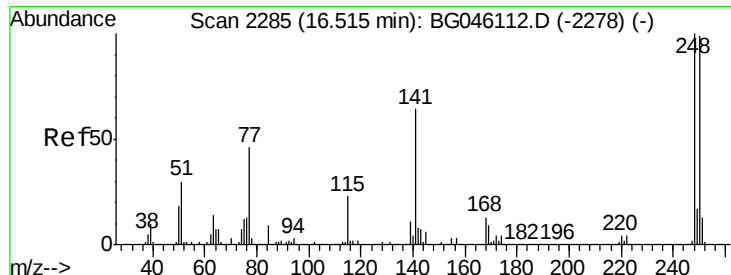
Delta R.T. -0.01 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tgt Ion:	169	Resp:	594157
Ion Ratio	Lower	Upper	
169	100		
168	69.5	55.1	82.7
167	38.5	30.5	45.7





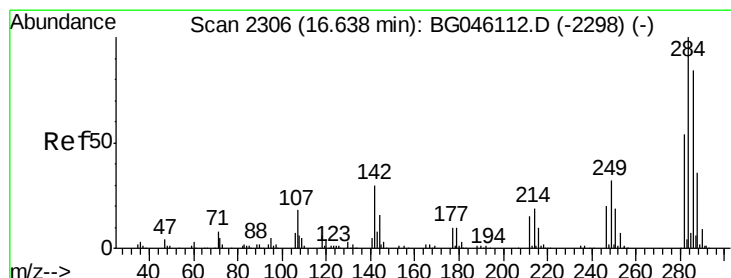
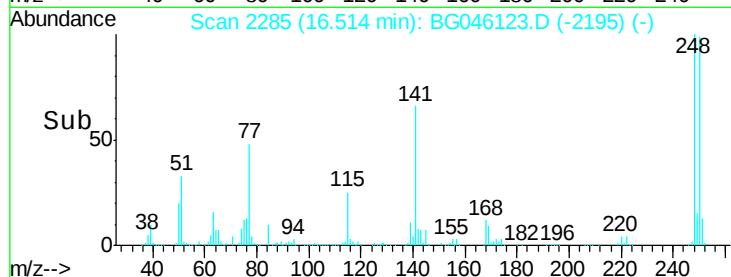
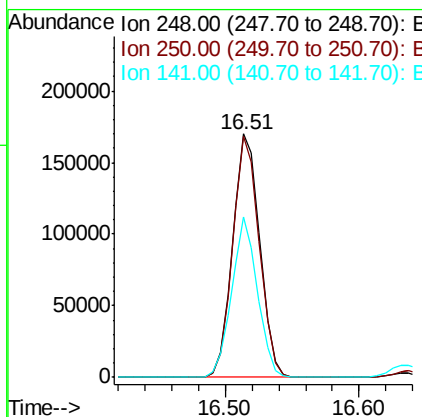
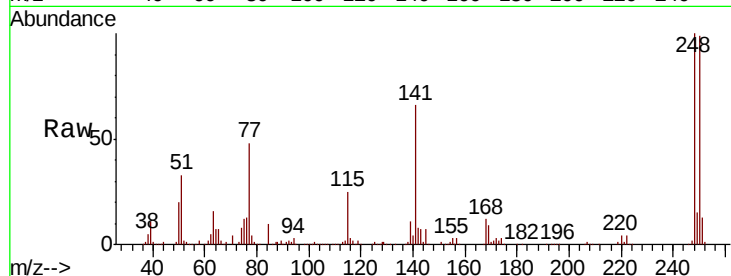
#67
 4-Bromophenyl-phenylether
 Concen: 35.797 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	79.4	119.0
141	65.9	50.9	76.3

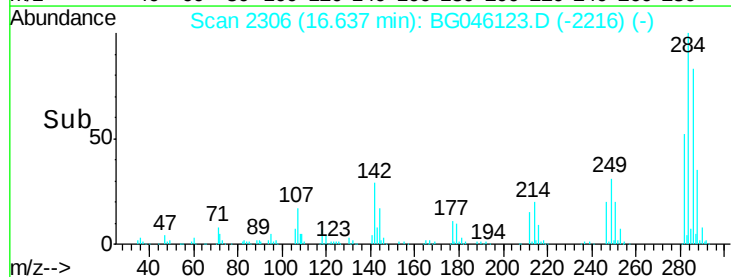
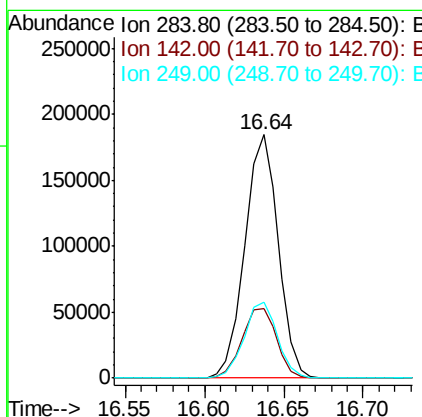
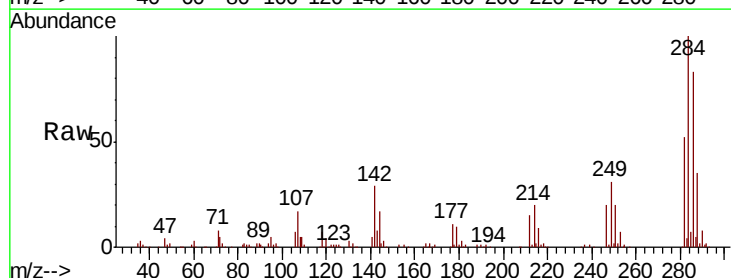
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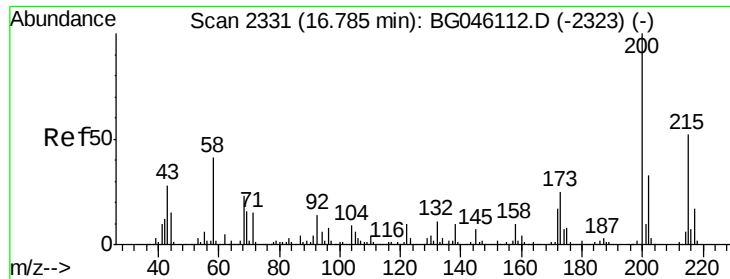
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#68
 Hexachlorobenzene
 Concen: 35.837 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	23.6	35.4
249	31.1	25.3	37.9





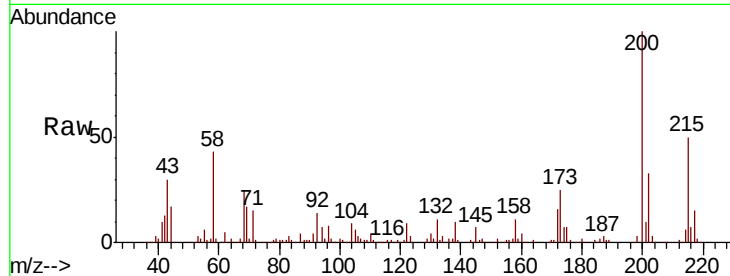
#69
 Atrazine
 Concen: 35.166 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

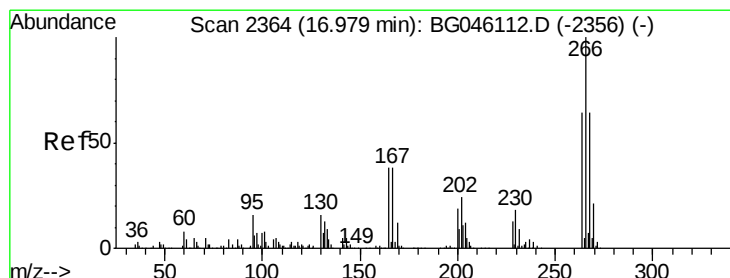
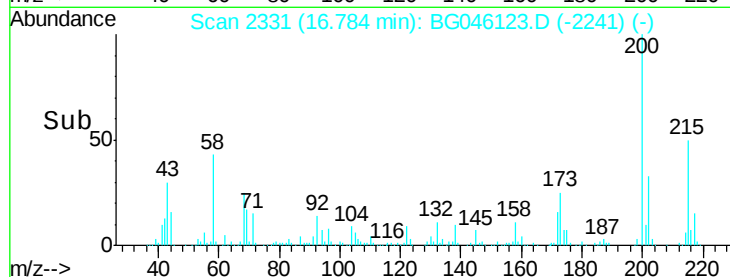
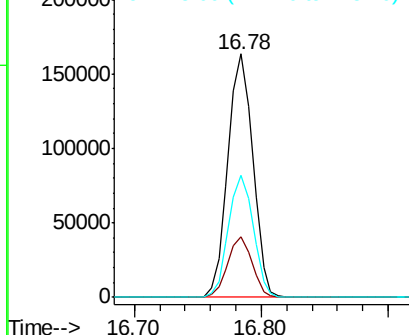
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	5.3	45.3
215	50.1	31.5	71.5

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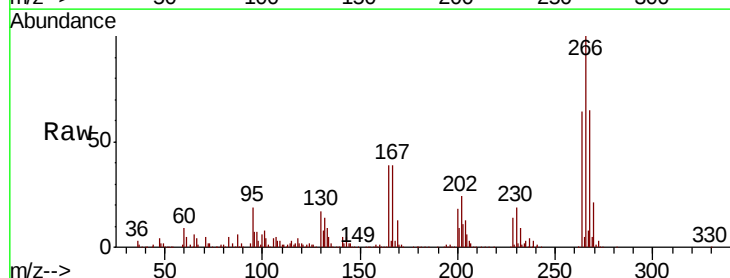


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

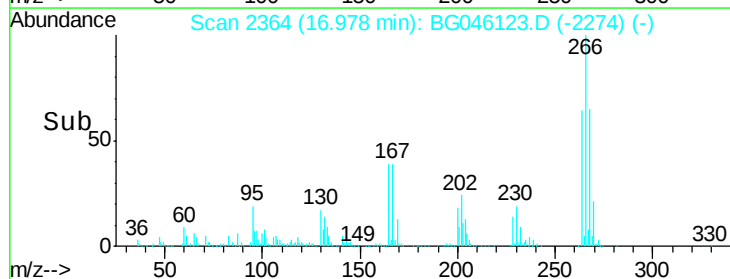
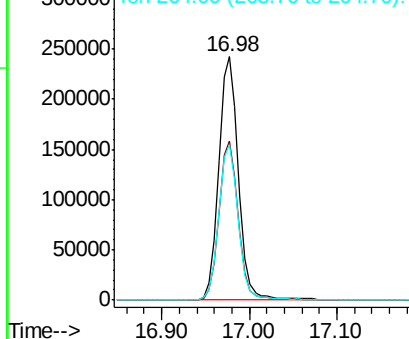


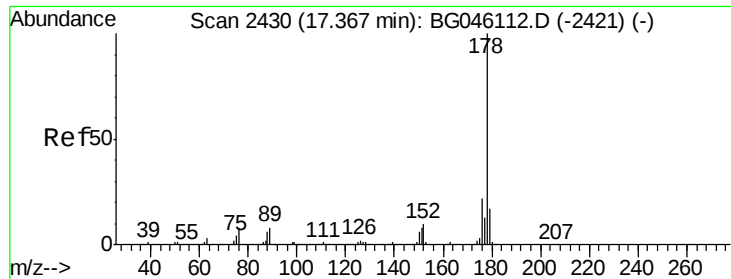
#70
 Pentachlorophenol
 Concen: 77.510 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.4	51.2	76.8
264	63.8	51.1	76.7



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





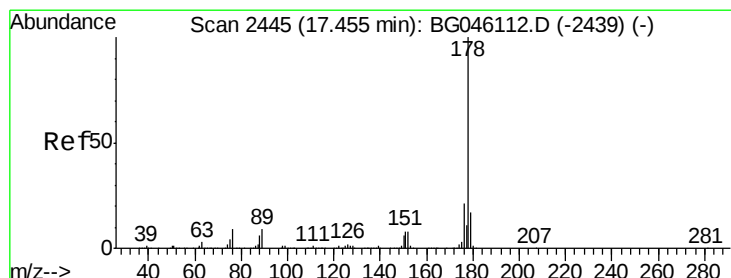
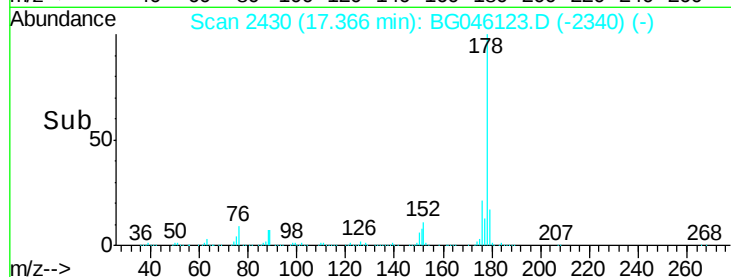
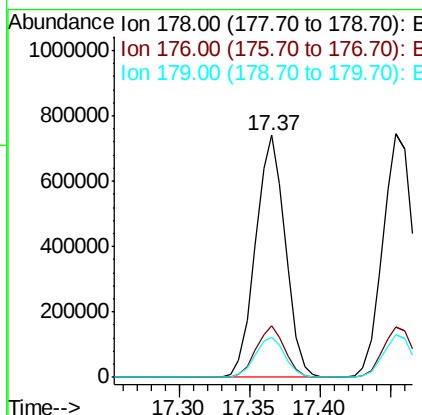
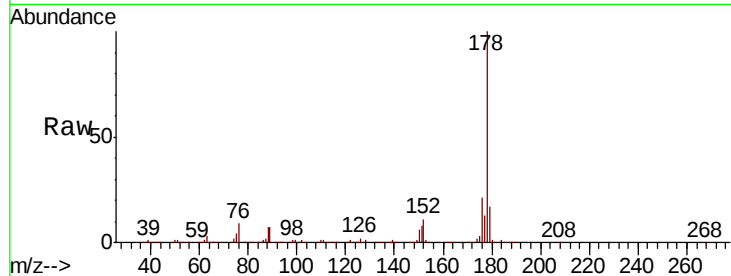
#71
Phenanthrene
Concen: 36.955 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.3	25.9
179	16.7	13.8	20.6

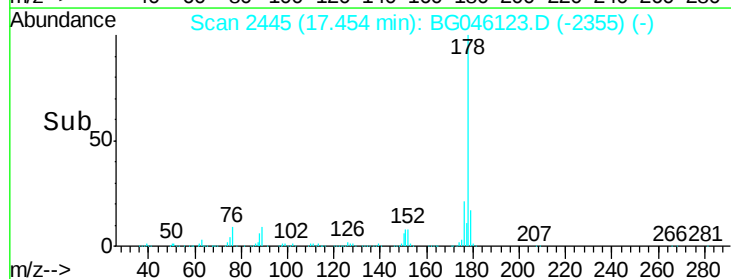
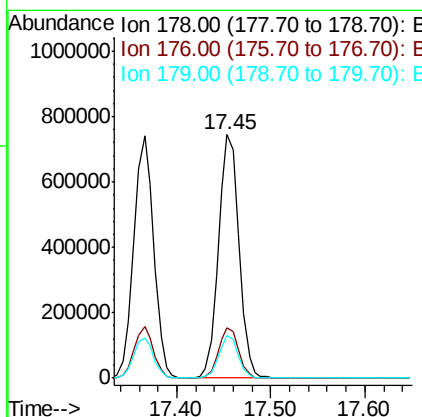
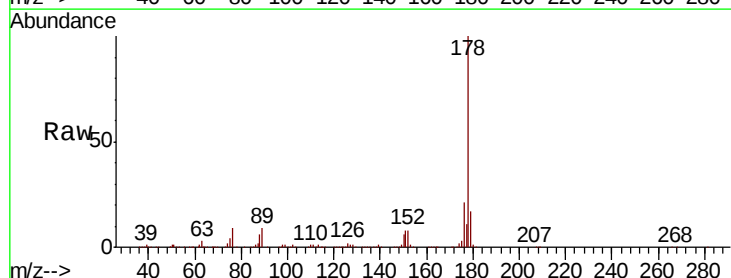
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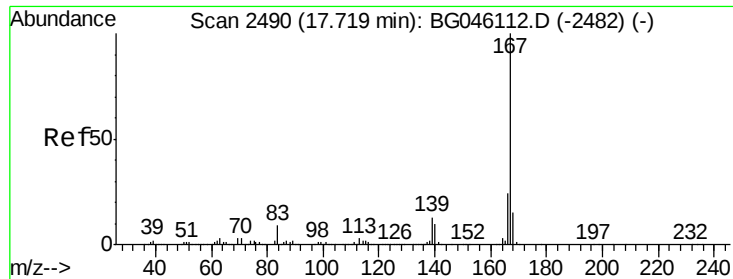
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#72
Anthracene
Concen: 38.354 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	24.8
179	17.4	13.4	20.2





#73

Carbazole

Concen: 37.850 ng

RT: 17.72 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

Tot Ion:167 Resp: 1079553

Ion Ratio Lower Upper

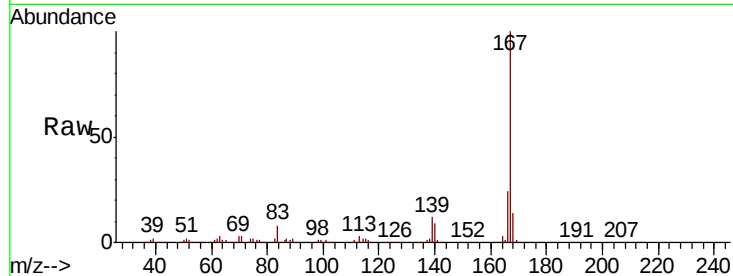
167 100

166 24.0 19.4 29.0

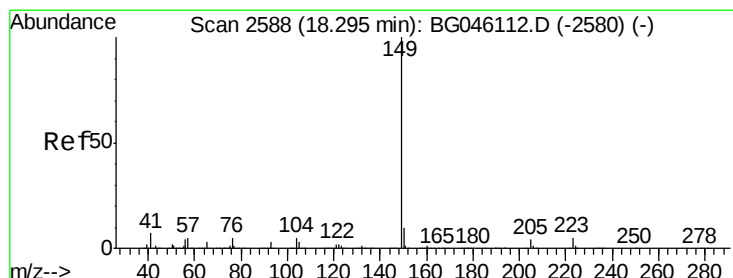
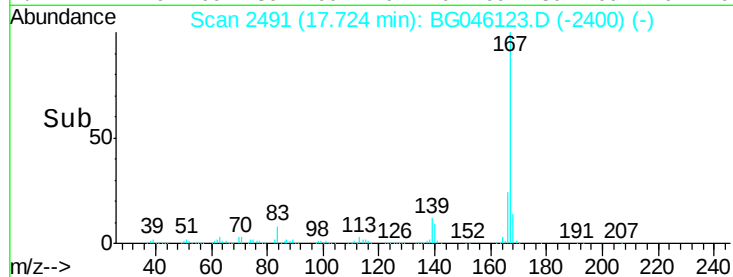
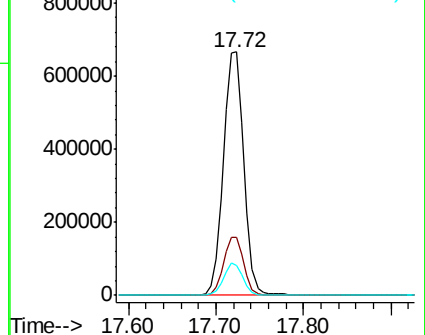
139 12.4 10.1 15.1

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.807 ng

RT: 18.29 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

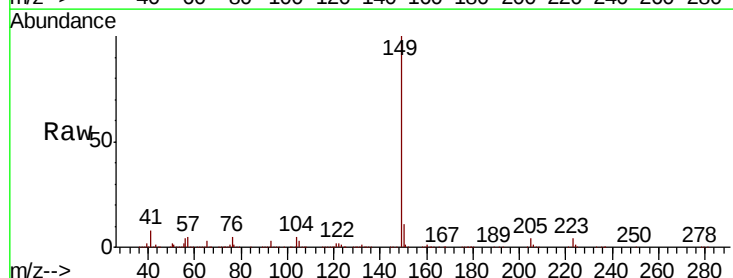
Tgt Ion:149 Resp: 1246404

Ion Ratio Lower Upper

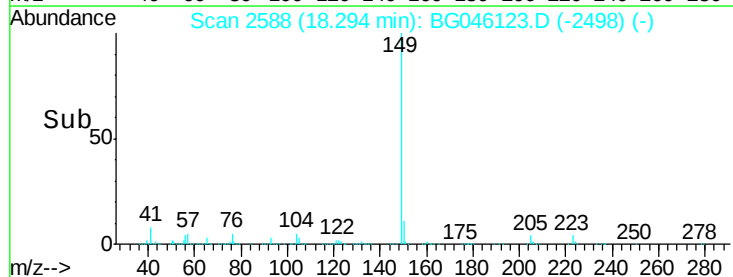
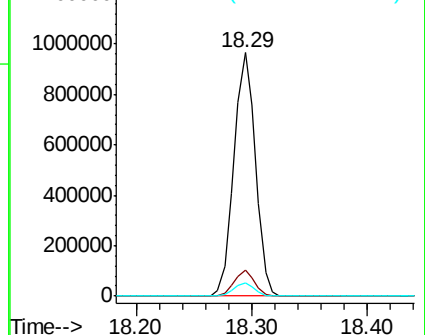
149 100

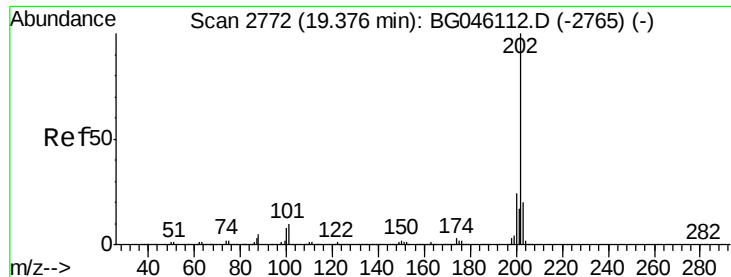
150 10.7 8.4 12.6

104 5.4 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.559 ng

RT: 19.38 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

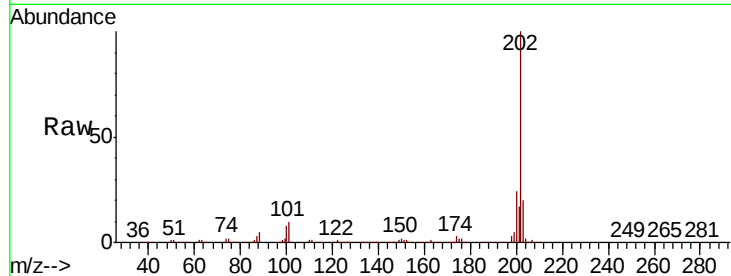
ClientSampleId :

PB130584BS

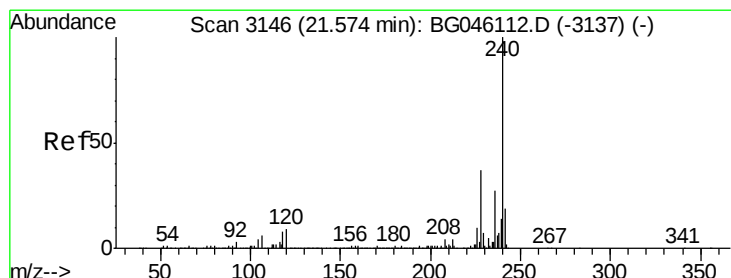
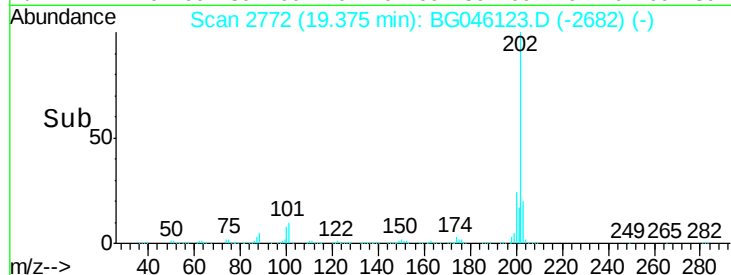
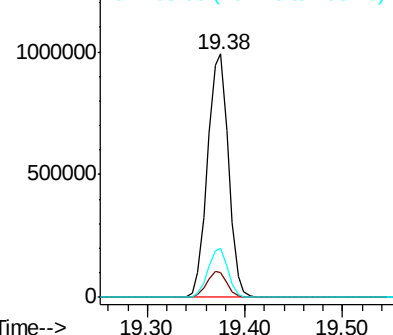
Tot Ion:	202	Resp:	1468657
Ion Ratio		Lower	Upper
202	100		
101	10.3	0.0	30.0
203	19.9	0.2	40.2

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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

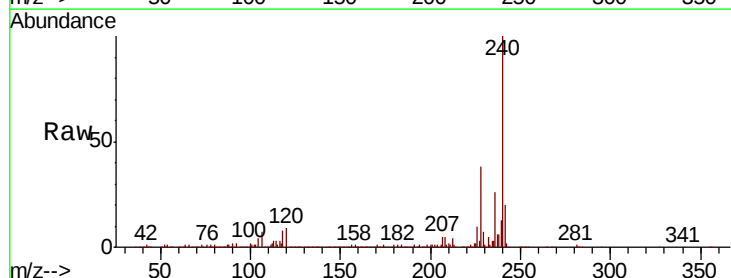
RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

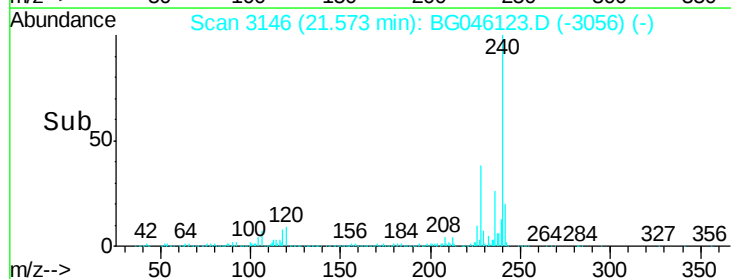
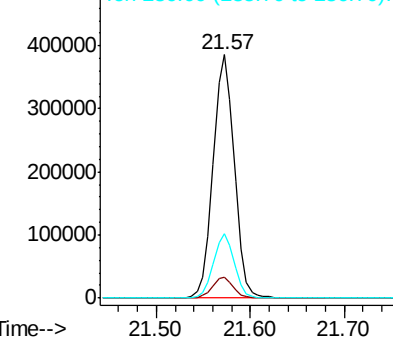
Lab File: BG046123.D

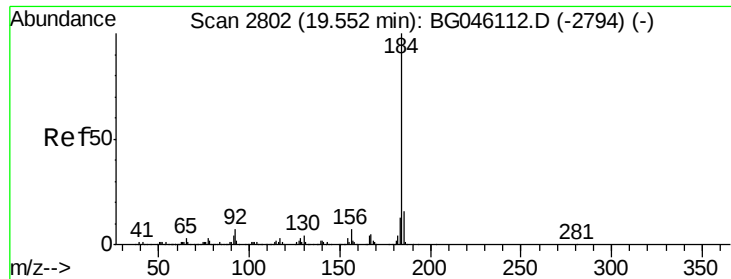
Acq: 31 Jul 2020 13:20

Tgt Ion:	240	Resp:	603267
Ion Ratio		Lower	Upper
240	100		
120	8.7	7.1	10.7
236	26.5	21.7	32.5



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: 41.972 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

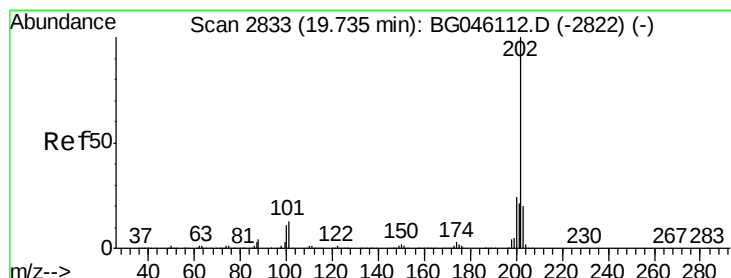
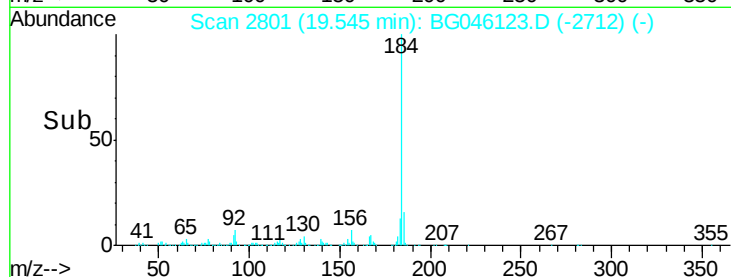
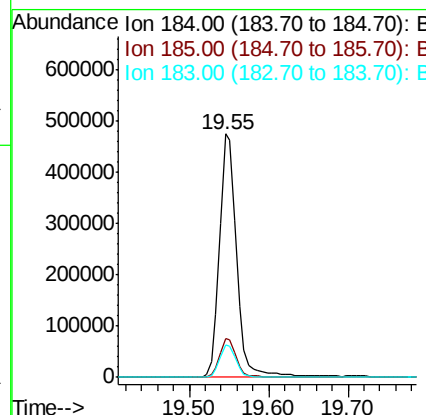
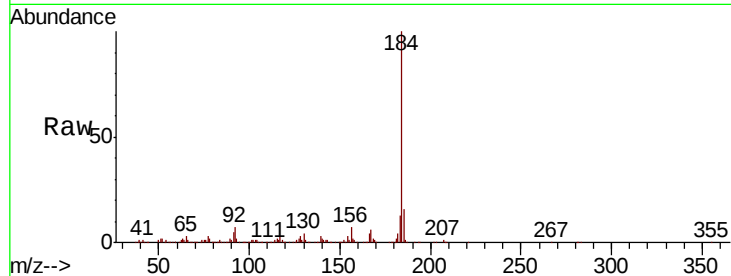
ClientSampleId :

PB130584BS

Tot Ion:	184	Resp:	717215
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.0	19.4
183	13.3	10.5	15.7

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#78

Pyrene

Concen: 36.741 ng

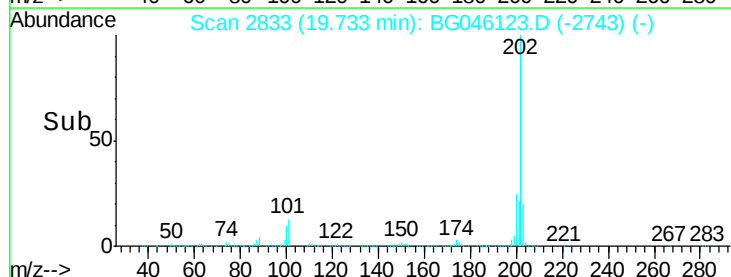
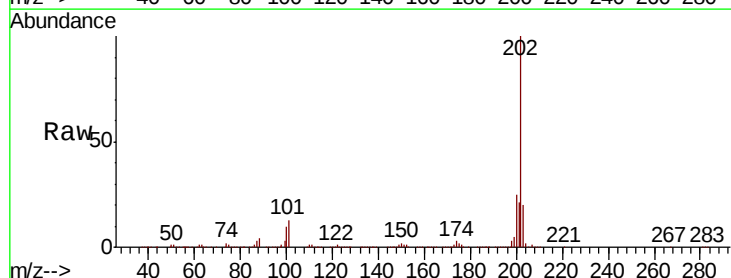
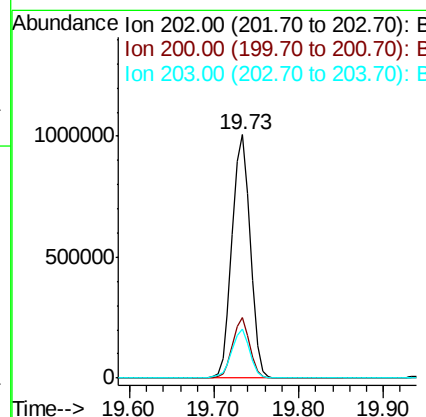
RT: 19.73 min Scan# 2833

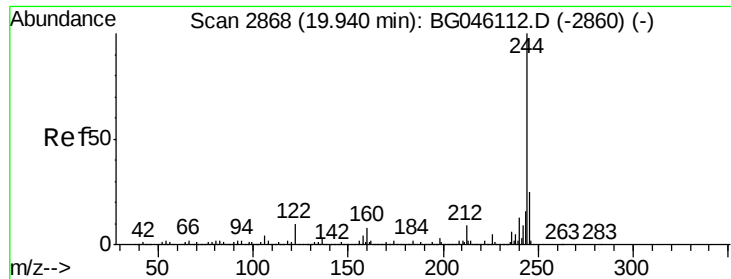
Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tgt Ion:	202	Resp:	1489235
Ion Ratio	Lower	Upper	
202	100		
200	25.0	19.5	29.3
203	20.2	16.2	24.2





#79

Terphenyl-d14

Concen: 62.505 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

Tot Ion:244 Resp: 1851441

Ion Ratio Lower Upper

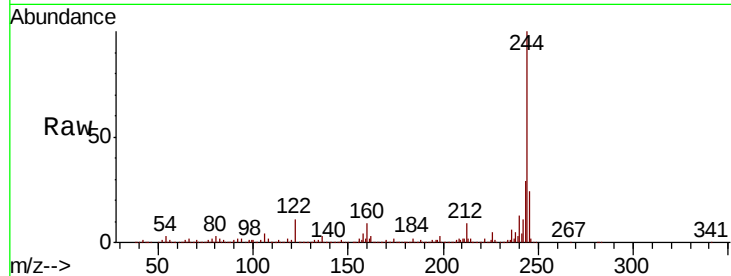
244 100

212 9.3 7.2 10.8

122 10.7 8.3 12.5

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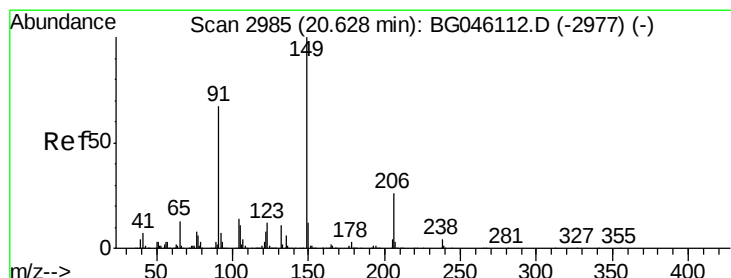
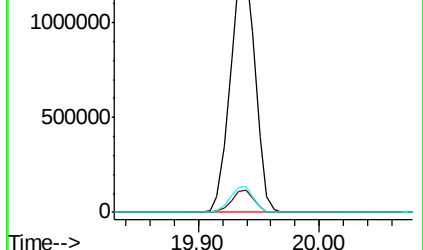
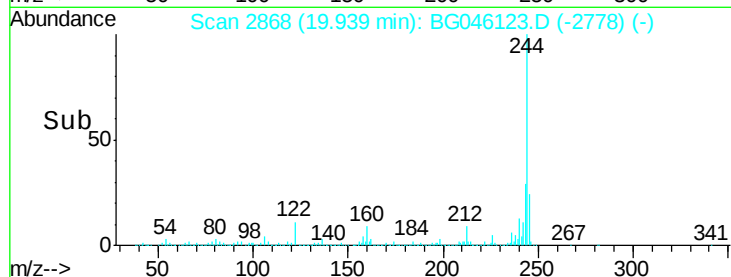
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.754 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

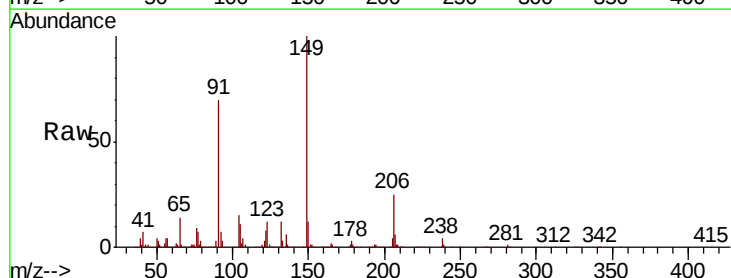
Tgt Ion:149 Resp: 598400

Ion Ratio Lower Upper

149 100

91 70.4 53.8 80.8

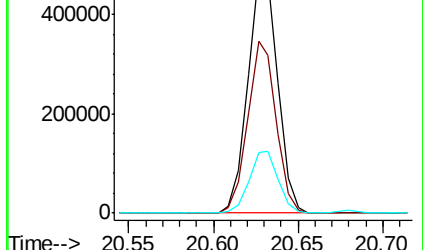
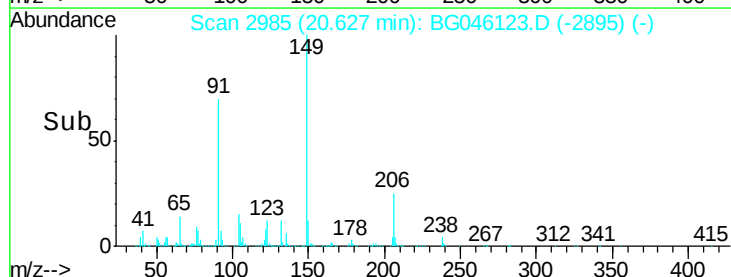
206 24.9 20.4 30.6

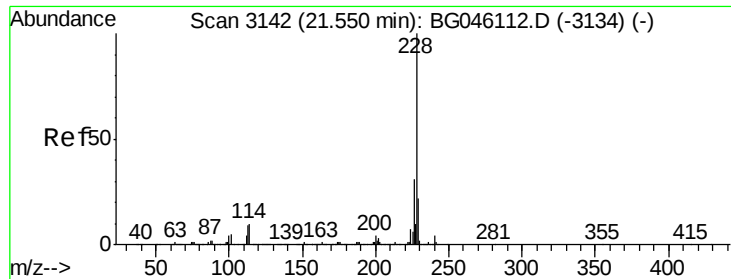


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.644 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

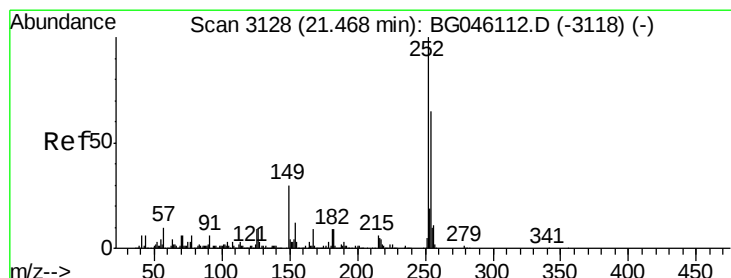
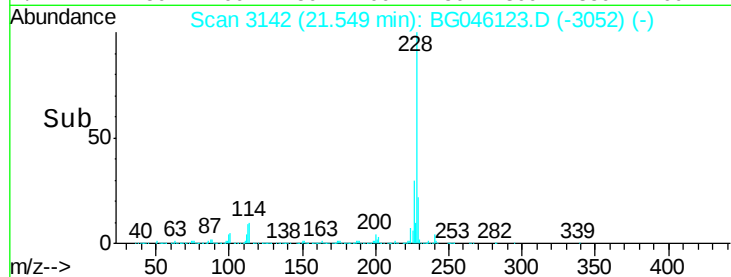
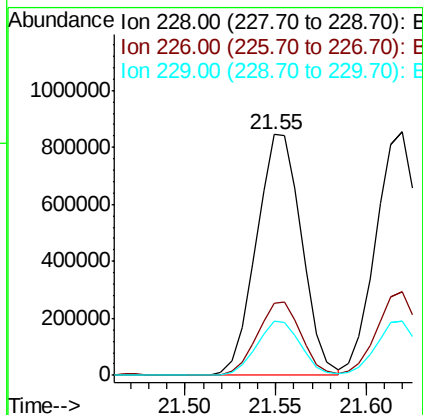
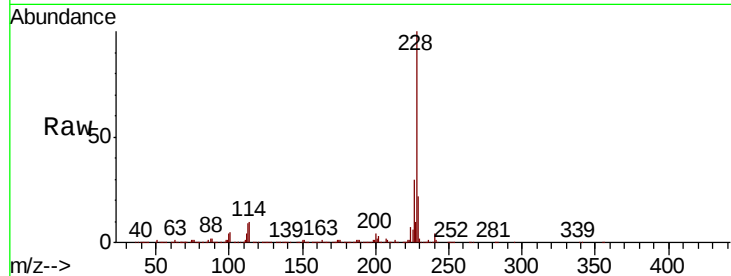
ClientSampleId :

PB130584BS

Tot Ion:	228	Resp:	1479356
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	22.4	17.8	26.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 22.380 ng

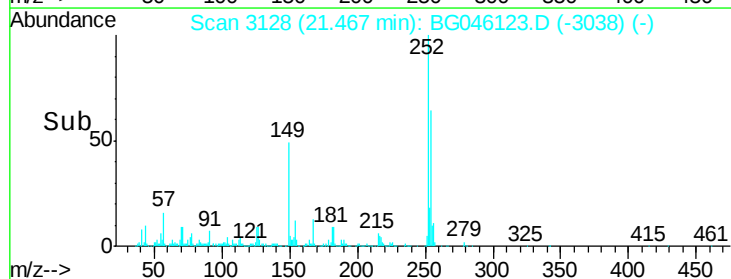
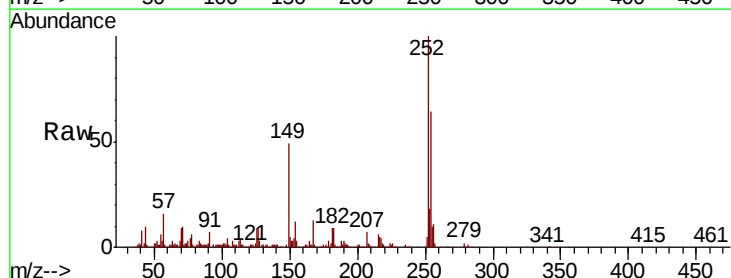
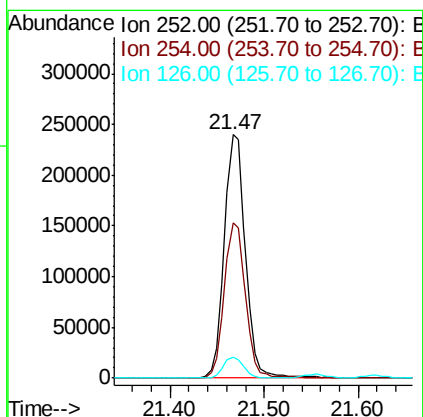
RT: 21.47 min Scan# 3128

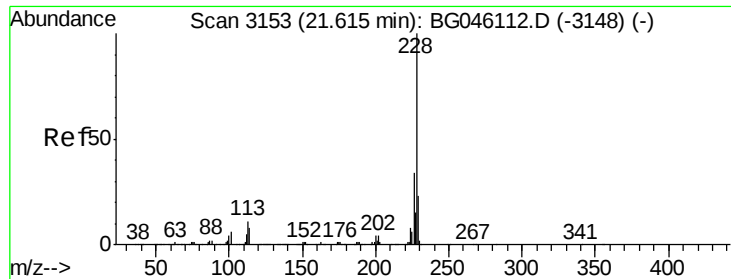
Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Tgt Ion:	252	Resp:	375193
Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.8	77.8
126	8.6	7.1	10.7





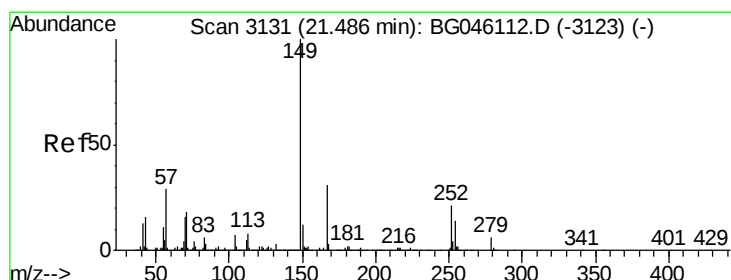
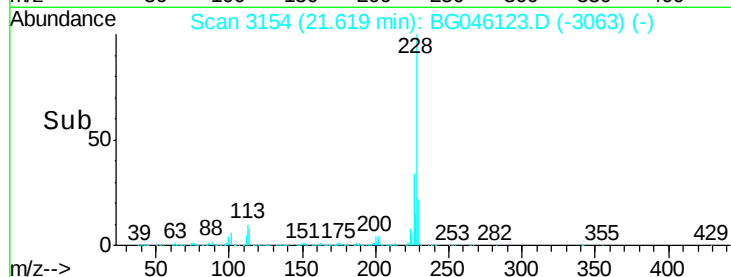
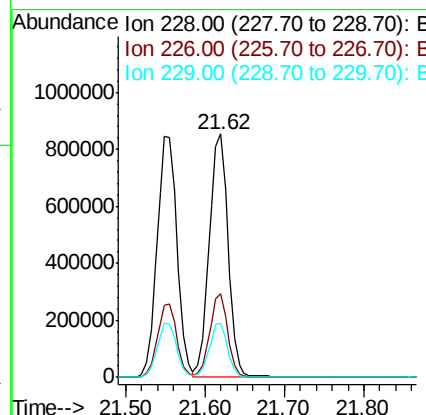
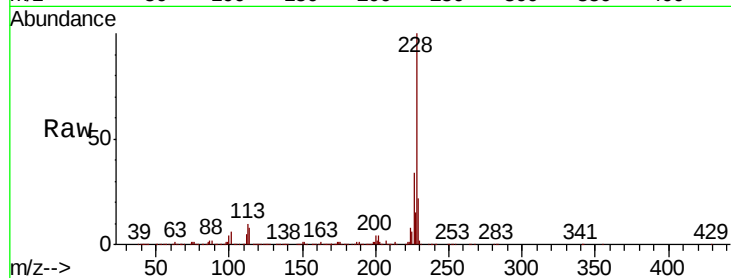
#83
Chrysene
Concen: 35.912 ng
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion:228 Resp: 1420233
Ion Ratio Lower Upper
228 100
226 34.3 26.9 40.3
229 22.4 18.2 27.4

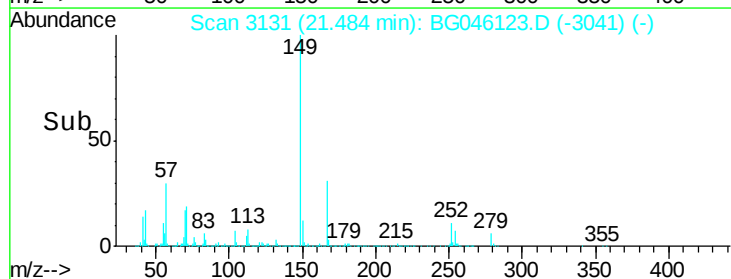
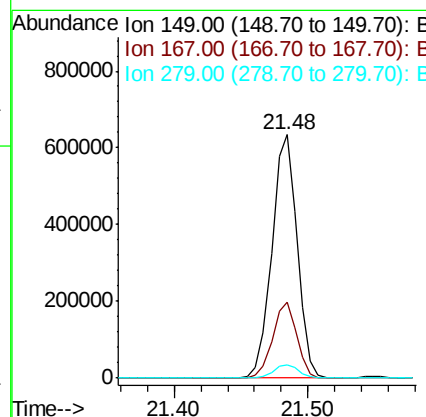
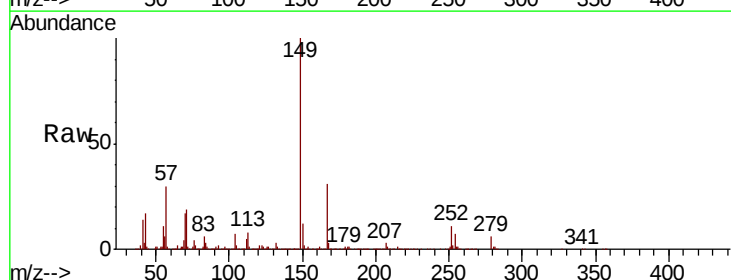
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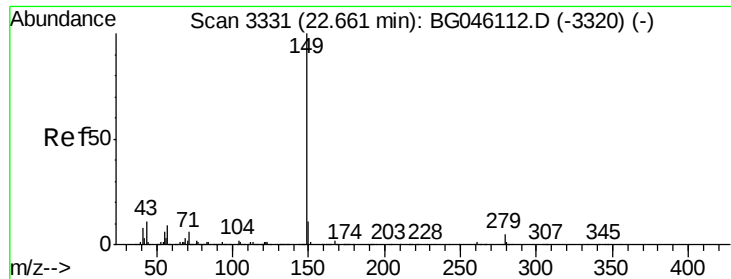
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.624 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion:149 Resp: 831792
Ion Ratio Lower Upper
149 100
167 31.0 24.8 37.2
279 5.6 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 40.093 ng

RT: 22.66 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

Tot Ion:149 Resp: 1425039

Ion Ratio Lower Upper

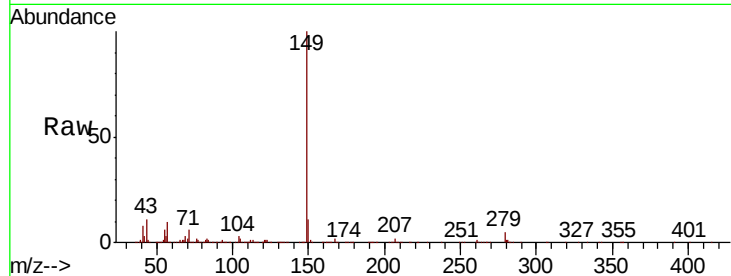
149 100

167 1.8 1.4 2.2

43 10.6 7.8 11.8

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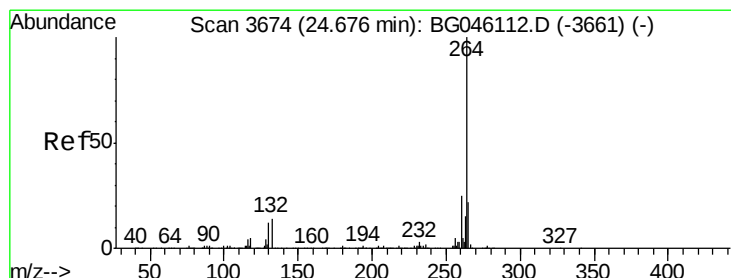
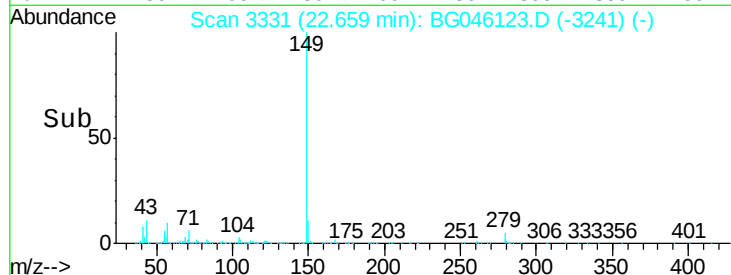
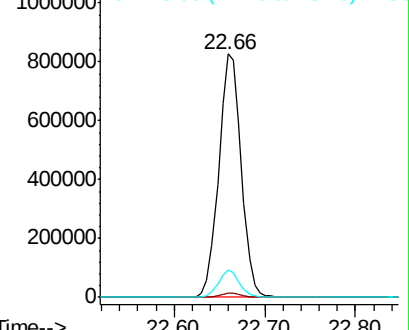
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

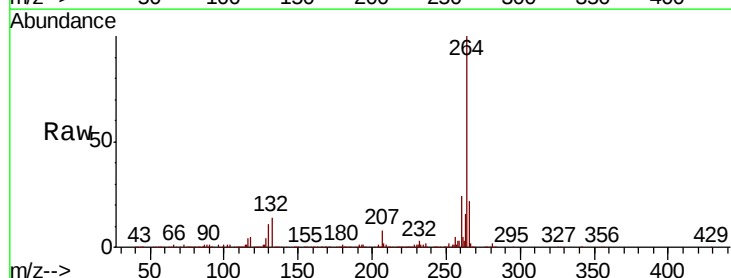
Tgt Ion:264 Resp: 637129

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

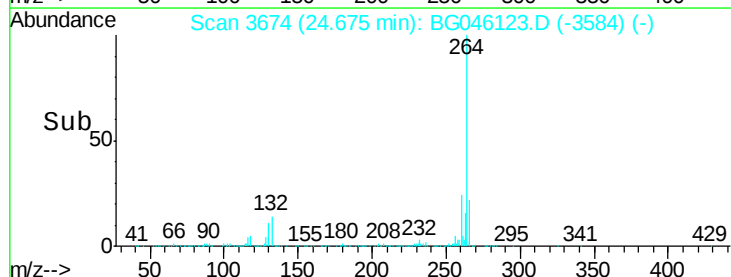
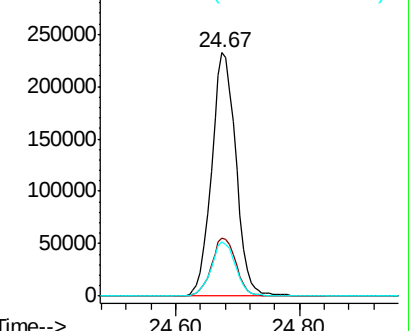
265 22.1 17.6 26.4

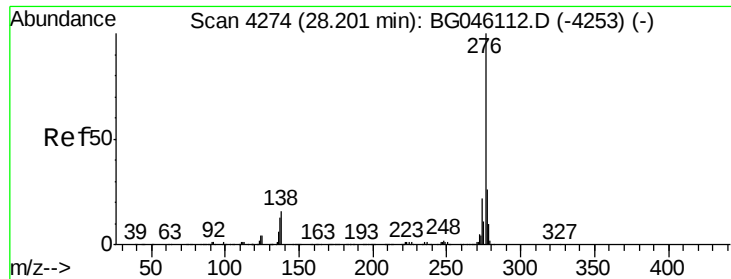


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





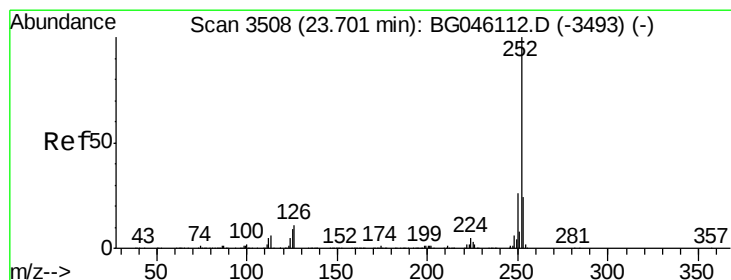
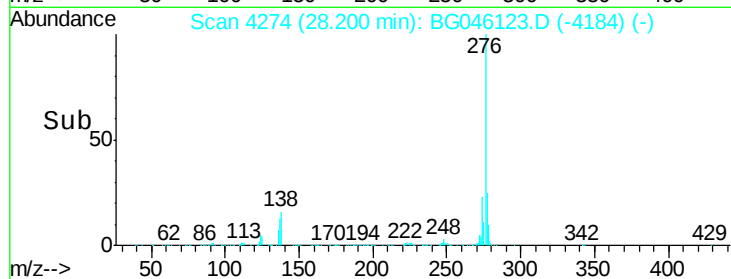
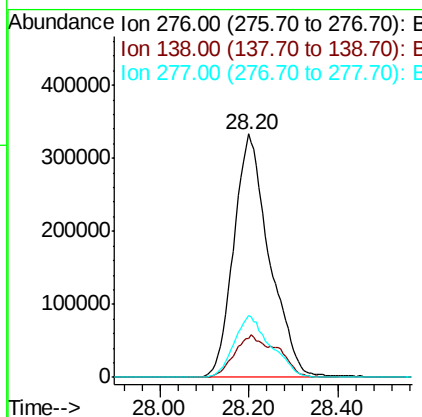
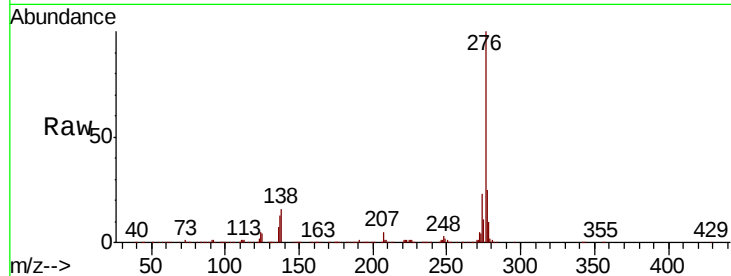
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.050 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 PB130584BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	11.6	17.4#
277	26.2	20.8	31.2

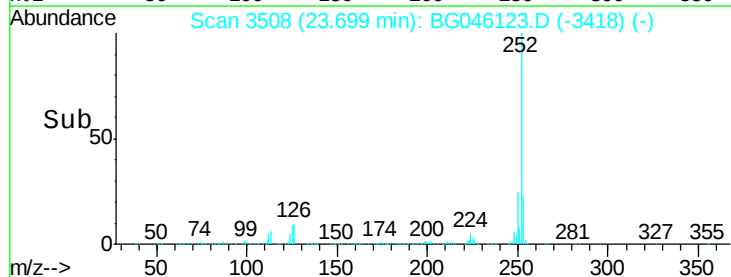
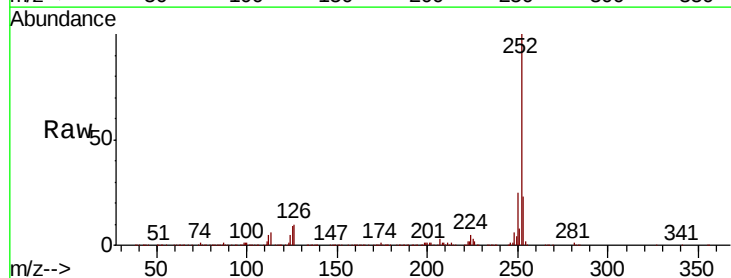
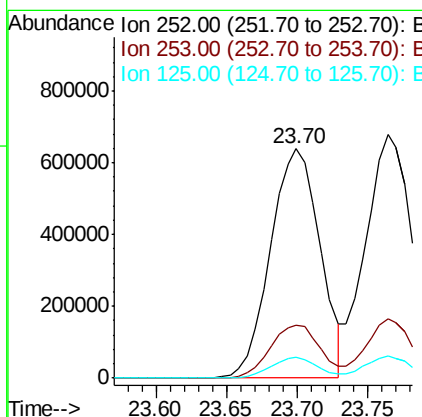
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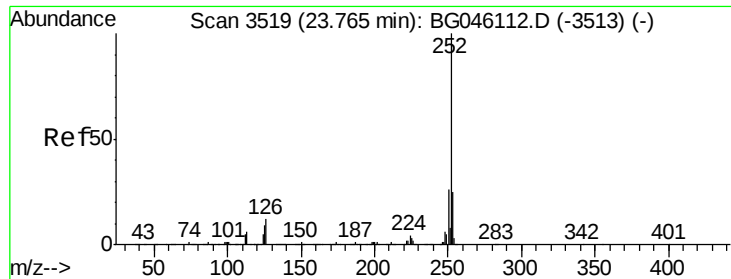
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 36.504 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. -0.00 min
 Lab File: BG046123.D
 Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	8.9	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 37.325 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

Instrument :

BNA_G

ClientSampleId :

PB130584BS

Tot Ion:252 Resp: 1563066

Ion Ratio Lower Upper

252 100

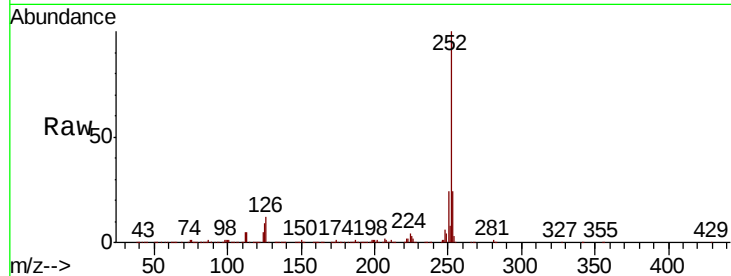
253 24.1 19.5 29.3

125 9.1 7.3 10.9

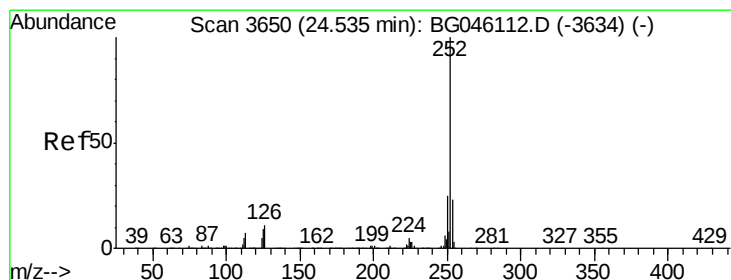
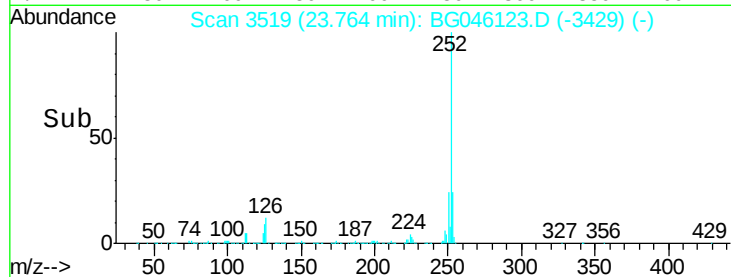
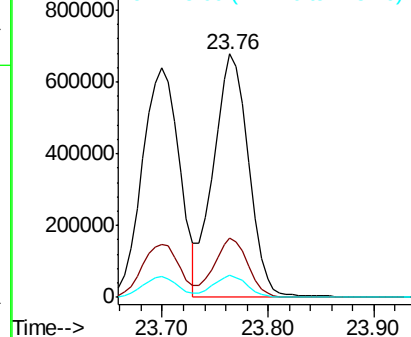
Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.004 ng

RT: 24.53 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BG046123.D

Acq: 31 Jul 2020 13:20

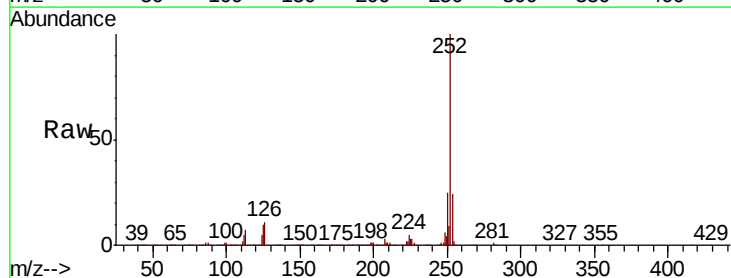
Tgt Ion:252 Resp: 1470124

Ion Ratio Lower Upper

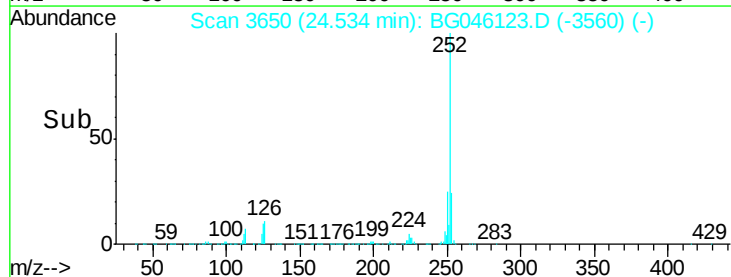
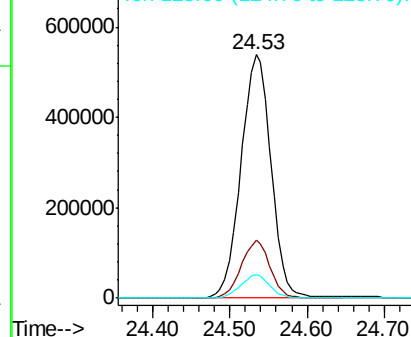
252 100

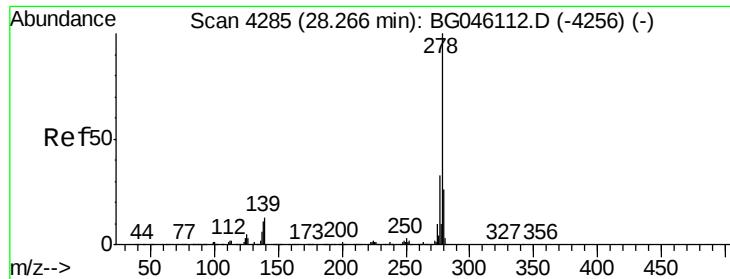
253 23.8 18.6 27.8

125 9.7 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





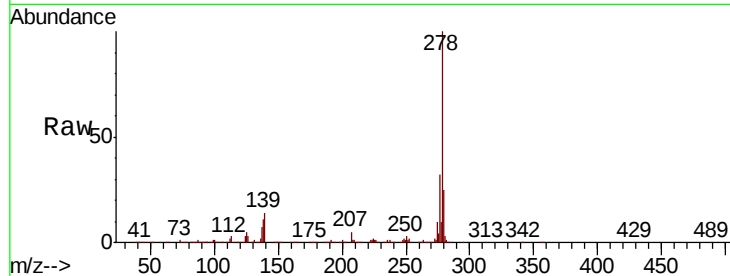
#91
Dibenzo(a,h)anthracene
Concen: 37.635 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Instrument :
BNA_G
ClientSampleId :
PB130584BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	10.8	16.2
279	24.9	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:14 PM

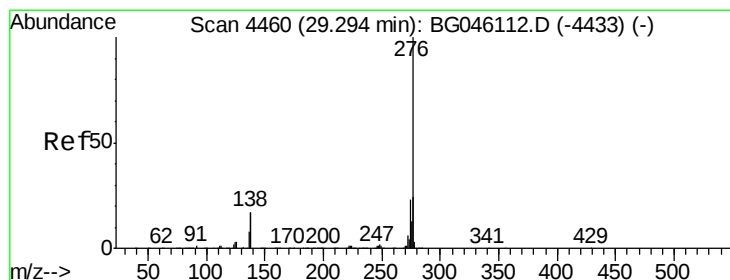
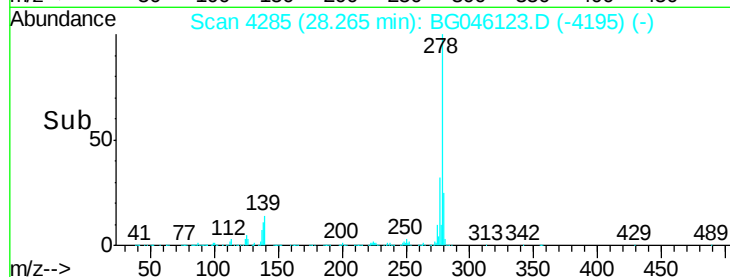
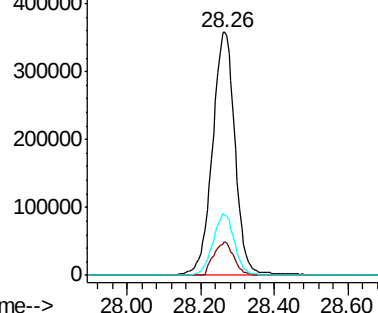


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.949 ng
RT: 29.30 min Scan# 4461
Delta R.T. 0.00 min
Lab File: BG046123.D
Acq: 31 Jul 2020 13:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.5	29.3
138	17.8	13.8	20.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

