

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080320\
 Data File : BG046153.D
 Acq On : 3 Aug 2020 17:21
 Operator : CG/JU
 Sample : PB130683BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Manual Integrations
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mohammad
 8/5/2020 10:25:53 AM

Quant Time: Aug 03 18:55:41 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	83242	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	340788	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	227710	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	541945	20.00	ng	0.00
76) Chrysene-d12	21.57	240	574908	20.00	ng	0.00
86) Perylene-d12	24.67	264	621180	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	547107	114.25	ng	0.00
7) Phenol-d6	7.12	99	708860	108.62	ng	0.00
23) Nitrobenzene-d5	9.10	82	466690	74.15	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	367136	104.97	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1124492	71.73	ng	0.00
79) Terphenyl-d14	19.93	244	1829484	64.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	71457	32.785	ng	99
3) Pyridine	3.83	79	164503	27.417	ng	97
4) n-Nitrosodimethylamine	3.75	42	105515	41.320	ng	# 96
6) Aniline	7.28	93	271899	35.000	ng	98
8) 2-Chlorophenol	7.52	128	228328	43.141	ng	98
9) Benzaldehyde	7.08	77	156892	40.514	ng	92
10) Phenol	7.15	94	283136	43.180	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	218489	41.891	ng	98
12) 1,3-Dichlorobenzene	7.84	146	249778	38.935	ng	99
13) 1,4-Dichlorobenzene	7.99	146	250416	38.873	ng	99
14) 1,2-Dichlorobenzene	8.30	146	244927	40.315	ng	99
15) Benzyl Alcohol	8.19	79	203158	45.061	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	370527	43.332	ng	99
17) 2-Methylphenol	8.39	107	204339	46.160	ng	98
18) Hexachloroethane	9.04	117	89166	41.387	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	180646	42.532	ng	98
20) 3+4-Methylphenols	8.72	107	274322	45.275	ng	98
22) Acetophenone	8.77	105	330888	37.834	ng	99
24) Nitrobenzene	9.14	77	253158	37.724	ng	98
25) Isophorone	9.67	82	477729	38.144	ng	99
26) 2-Nitrophenol	9.86	139	124105	40.805	ng	95
27) 2,4-Dimethylphenol	9.93	122	219886	44.437	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	296391	43.522	ng	97
29) 2,4-Dichlorophenol	10.40	162	242554	41.671	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	254503	37.323	ng	99
31) Naphthalene	10.80	128	682356	37.842	ng	99
32) Benzoic acid	10.06	122	131083	38.379	ng	95
33) 4-Chloroaniline	10.90	127	180258	24.463	ng	98
34) Hexachlorobutadiene	11.10	225	165168	36.387	ng	98
35) Caprolactam	11.67	113	83148m	43.643	ng	
36) 4-Chloro-3-methylphenol	12.03	107	245059	42.901	ng	98
37) 2-Methylnaphthalene	12.41	142	537811	38.762	ng	98
38) 1-Methylnaphthalene	12.62	142	507348	38.642	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	298558	36.390	ng	# 98

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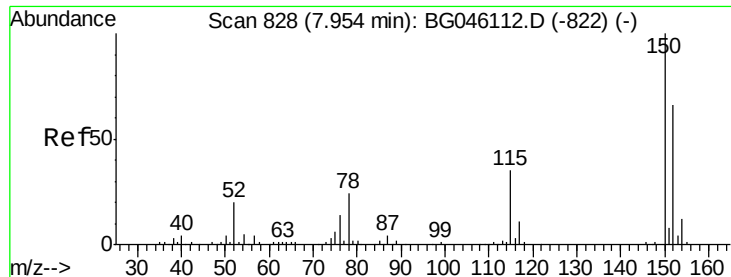
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	417556	88.728	ng	100
43) 2,4,6-Trichlorophenol	13.01	196	208881	39.905	ng	98
44) 2,4,5-Trichlorophenol	13.08	196	226159	39.599	ng	98
46) 1,1'-Biphenyl	13.42	154	692400	38.761	ng	99
47) 2-Chloronaphthalene	13.45	162	538624	37.801	ng	98
48) 2-Nitroaniline	13.65	65	164783	44.120	ng	99
49) Acenaphthylene	14.30	152	868244	39.241	ng	98
50) Dimethylphthalate	14.03	163	708258	40.525	ng	100
51) 2,6-Dinitrotoluene	14.14	165	159818	39.292	ng	99
52) Acenaphthene	14.64	154	622454m	42.626	ng	
53) 3-Nitroaniline	14.47	138	112031	27.782	ng	# 98
54) 2,4-Dinitrophenol	14.68	184	186905	73.188	ng	92
55) Dibenzofuran	14.98	168	833731	37.838	ng	100
56) 4-Nitrophenol	14.79	139	286544	81.847	ng	97
57) 2,4-Dinitrotoluene	14.93	165	224759	40.190	ng	99
58) Fluorene	15.63	166	686554	38.475	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	223212	41.493	ng	99
60) Diethylphthalate	15.40	149	708298	41.198	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	372237	39.940	ng	98
62) 4-Nitroaniline	15.64	138	169968	41.910	ng	96
63) Azobenzene	15.91	77	644777	40.017	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	138929	38.762	ng	96
66) n-Nitrosodiphenylamine	15.83	169	631706	38.508	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	259123	38.702	ng	98
68) Hexachlorobenzene	16.64	284	284788	37.934	ng	98
69) Atrazine	16.78	200	231298	36.616	ng	99
70) Pentachlorophenol	16.98	266	389421	79.944	ng	99
71) Phenanthrene	17.36	178	1137078	38.303	ng	100
72) Anthracene	17.45	178	1169195	39.595	ng	99
73) Carbazole	17.72	167	1091074	38.319	ng	99
74) Di-n-butylphthalate	18.29	149	1250082	42.002	ng	100
75) Fluoranthene	19.37	202	1468745	39.629	ng	99
77) Benzidine	19.54	184	717656	44.069	ng	99
78) Pyrene	19.73	202	1460189	37.801	ng	99
80) Butylbenzylphthalate	20.63	149	589720	42.144	ng	99
81) Benzo(a)anthracene	21.55	228	1471964	38.259	ng	100
82) 3,3'-Dichlorobenzidine	21.47	252	390973	24.472	ng	98
83) Chrysene	21.61	228	1421147	37.708	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	833759	41.677	ng	100
85) Di-n-octyl phthalate	22.65	149	1438536	42.470	ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1889311	39.880	ng	# 95
88) Benzo(b)fluoranthene	23.69	252	1577268	37.891	ng	99
89) Benzo(k)fluoranthene	23.76	252	1558619	38.174	ng	99
90) Benzo(a)pyrene	24.53	252	1486197	38.369	ng	99
91) Dibenzo(a,h)anthracene	28.25	278	1545672	39.029	ng	99
92) Benzo(g,h,i)perylene	29.29	276	1573167	39.332	ng	100

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



#1

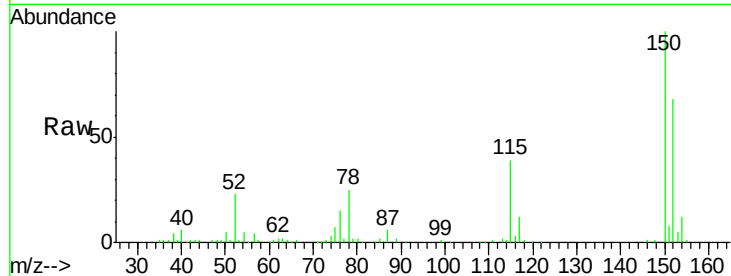
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

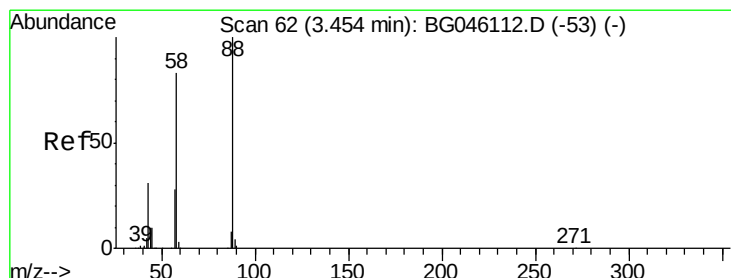
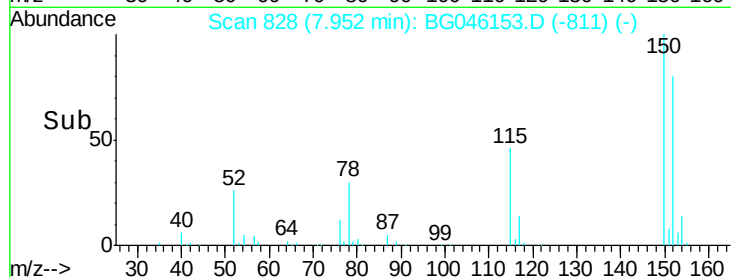
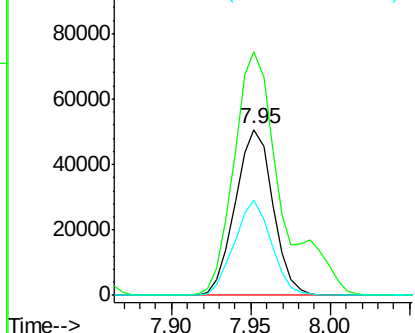
Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.7	122.1	183.1
115	57.4	43.2	64.8

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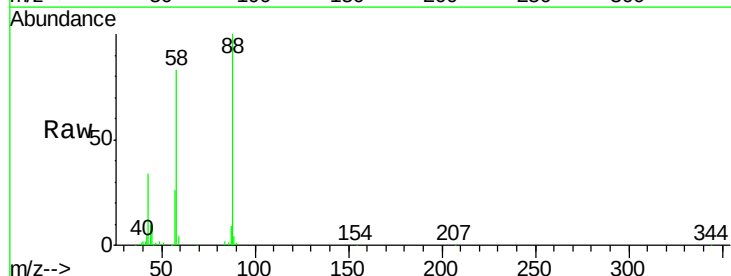
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



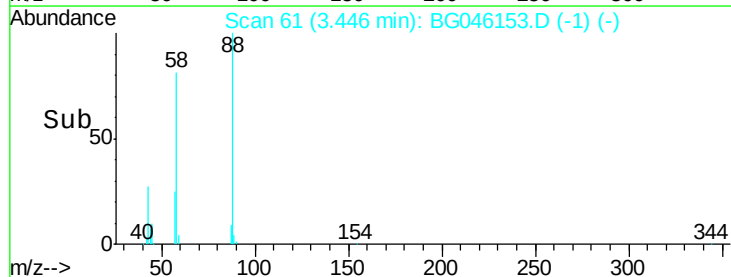
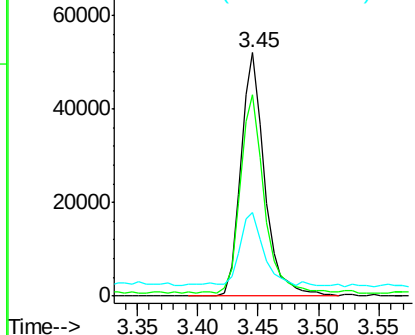
#2

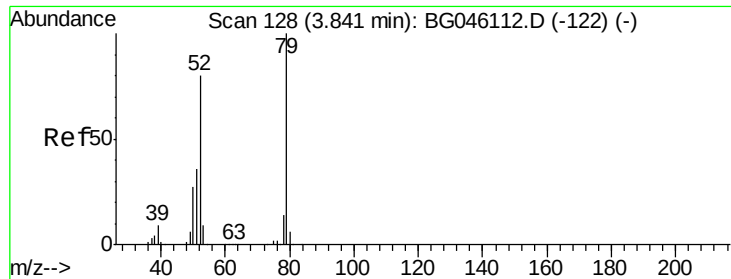
1,4-Dioxane
Concen: 32.785 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	66.5	99.7
43	30.4	23.8	35.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.417 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

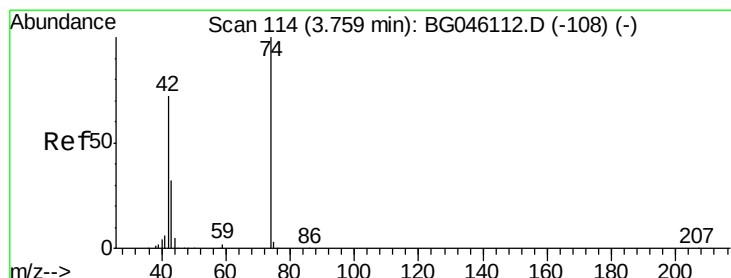
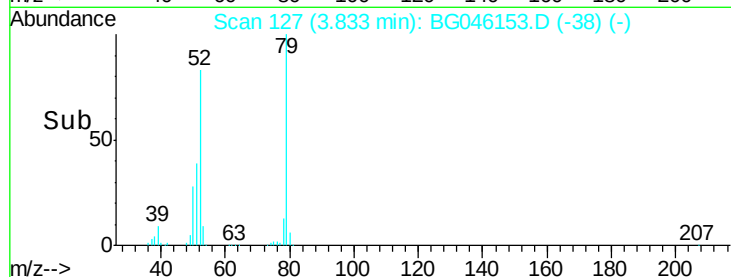
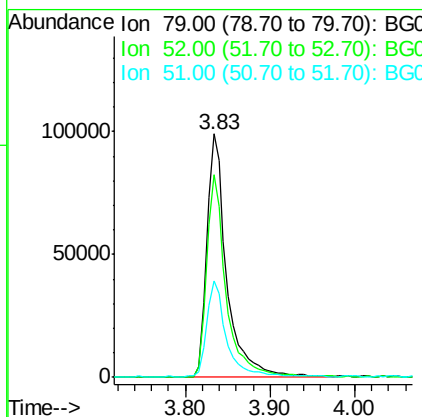
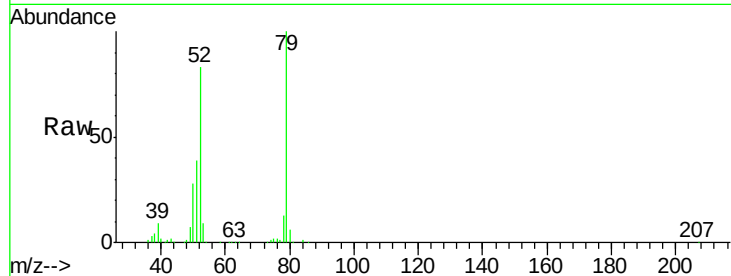
ClientSampleId :

PB130683BS

Tgt Ion:	79	Resp:	164503
Ion	Ratio	Lower	Upper
79	100		
52	83.2	64.3	96.5
51	39.5	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 41.320 ng

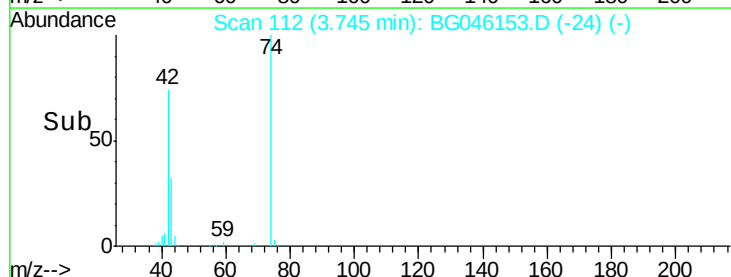
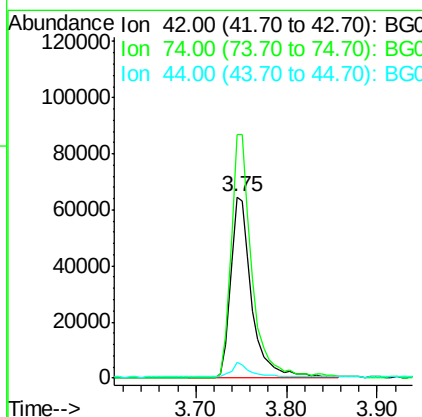
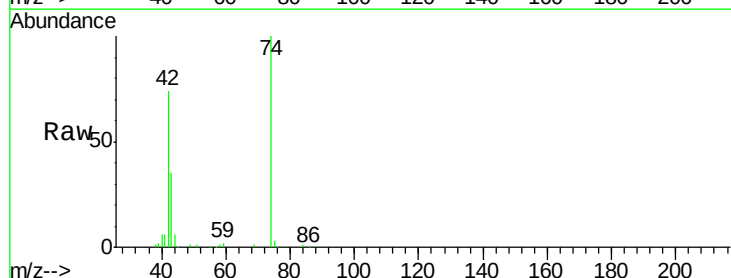
RT: 3.75 min Scan# 112

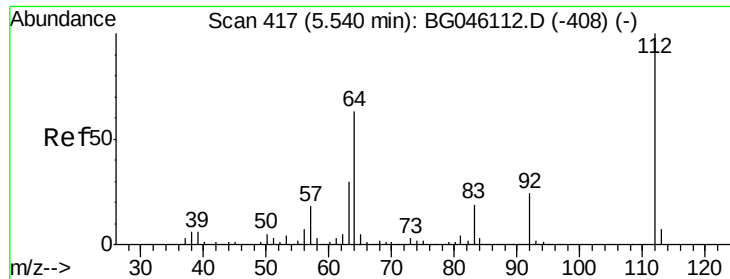
Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Tgt Ion:	42	Resp:	105515
Ion	Ratio	Lower	Upper
42	100		
74	134.4	111.6	167.4
44	8.7	5.7	8.5#





#5

2-Fluorophenol

Concen: 114.254 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

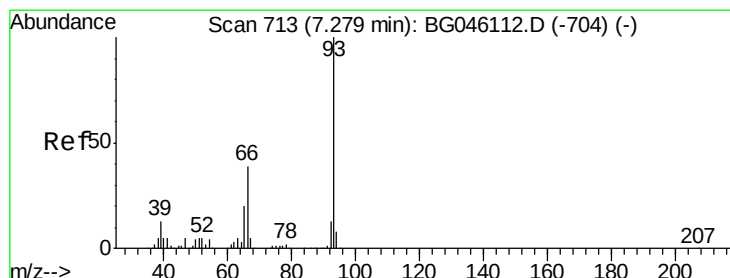
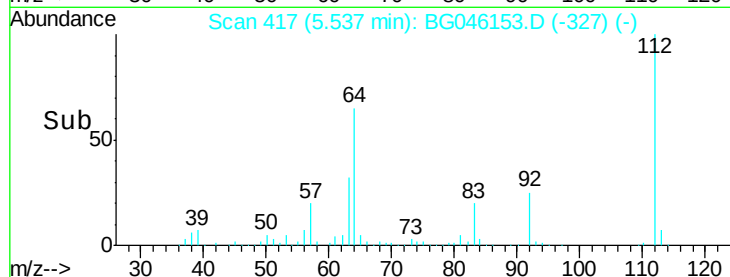
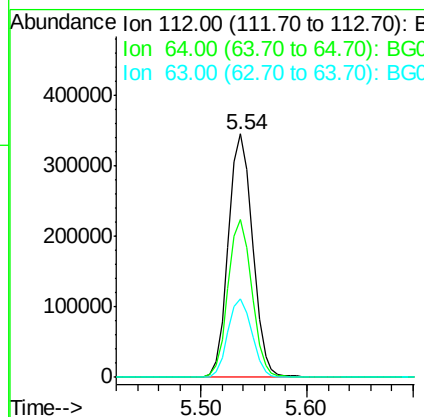
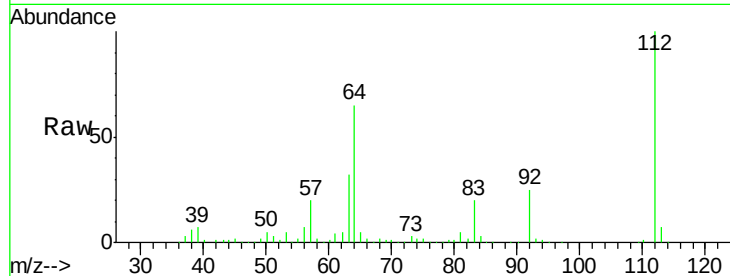
ClientSampleId :

PB130683BS

Tgt Ion:	112	Resp:	547107
Ion Ratio	Lower	Upper	
112	100		
64	64.6	50.2	75.2
63	32.3	24.2	36.4

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#6

Aniline

Concen: 35.000 ng

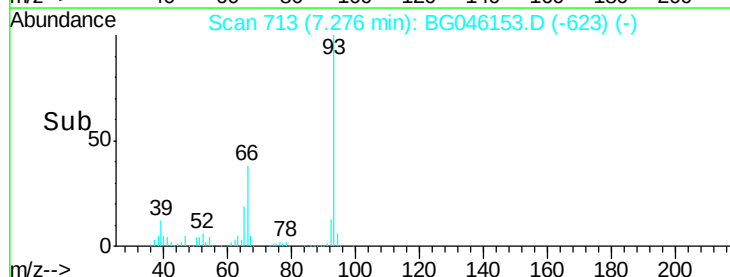
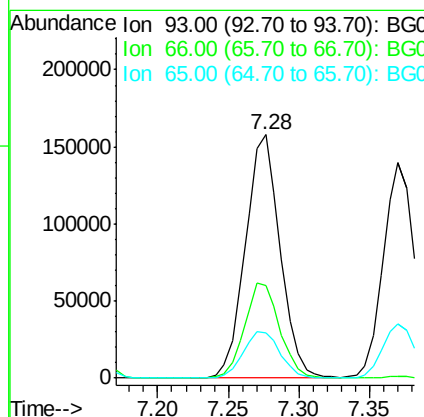
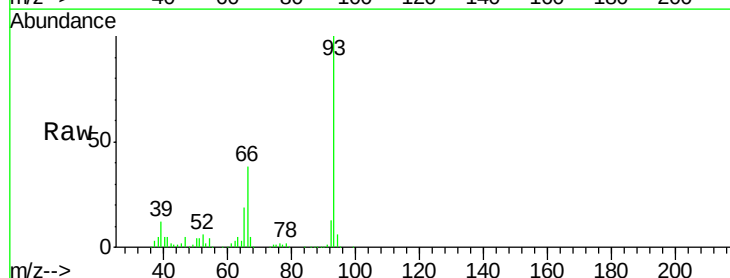
RT: 7.28 min Scan# 713

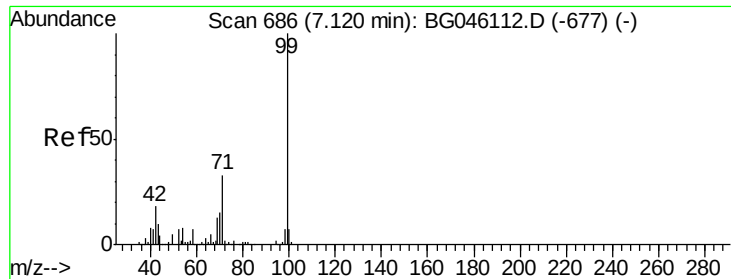
Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Tgt Ion:	93	Resp:	271899
Ion Ratio	Lower	Upper	
93	100		
66	38.1	31.0	46.4
65	18.6	15.9	23.9





#7

Phenol-d6

Concen: 108.619 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

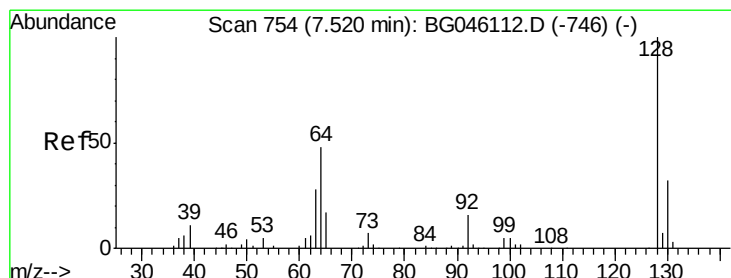
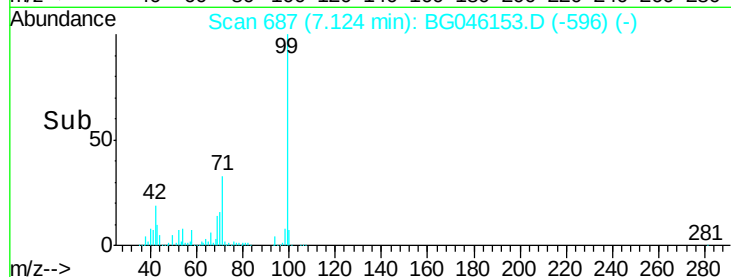
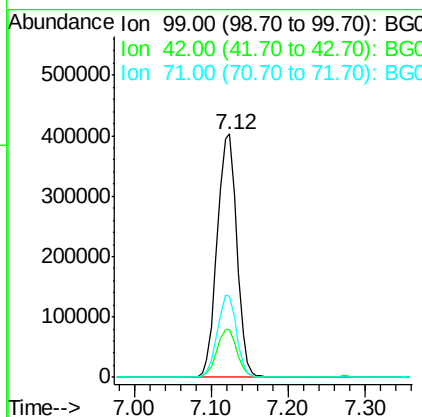
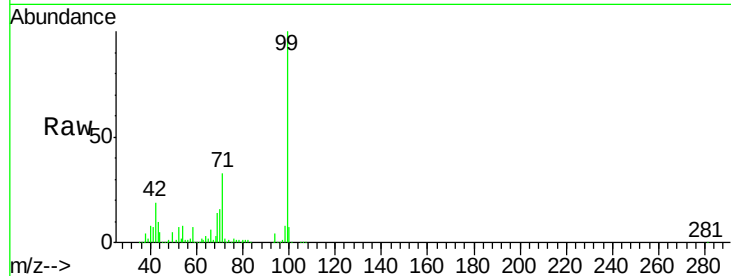
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PB130683BS

Tgt Ion:	99	Resp:	708860
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.7	22.1
71	33.4	26.5	39.7

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#8

2-Chlorophenol

Concen: 43.141 ng

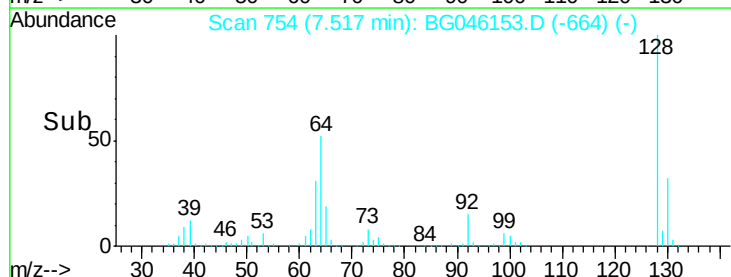
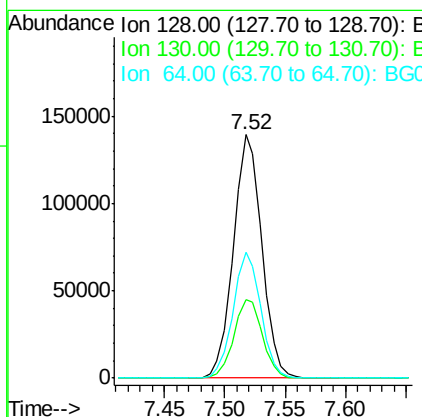
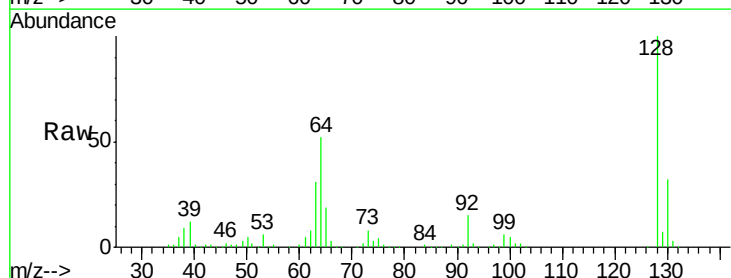
RT: 7.52 min Scan# 754

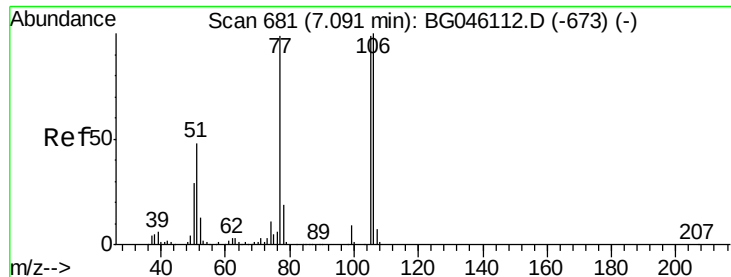
Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Tgt Ion:	128	Resp:	228328
Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.6	51.6
64	51.9	30.6	70.6





#9

Benzaldehyde

Concen: 40.514 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

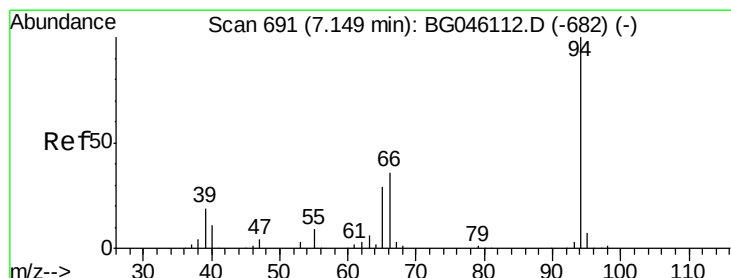
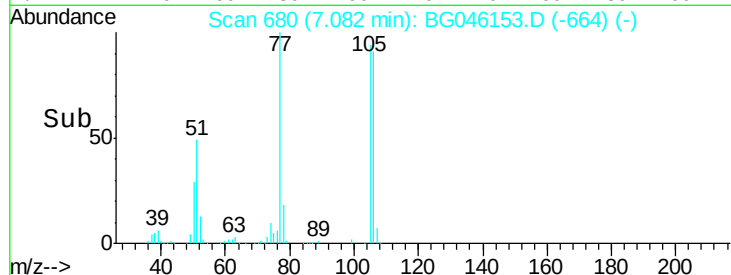
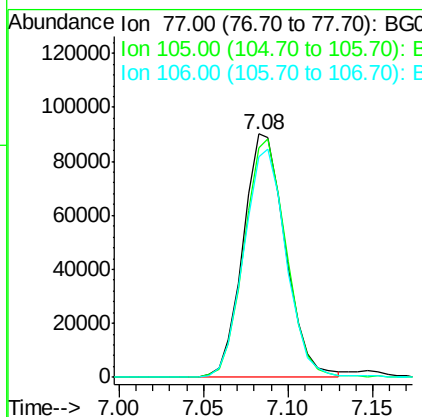
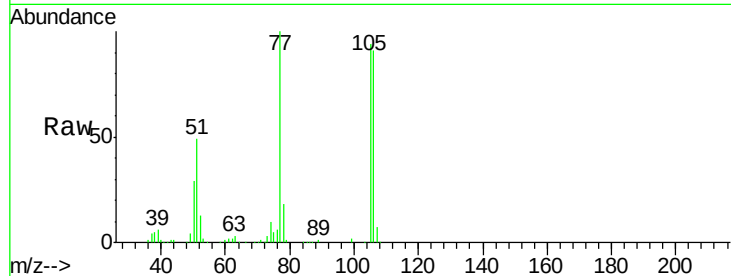
ClientSampleId :

PB130683BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		156892		
105	94.3	80.3	120.3		
106	90.9	81.5	121.5		

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#10

Phenol

Concen: 43.180 ng

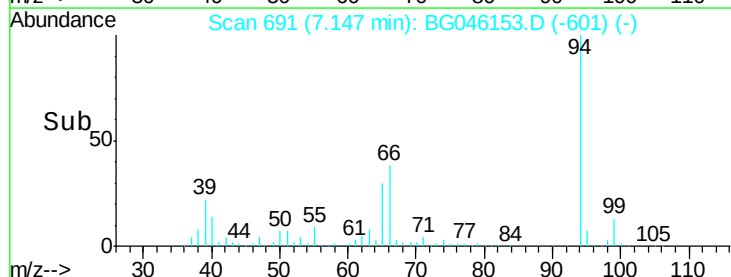
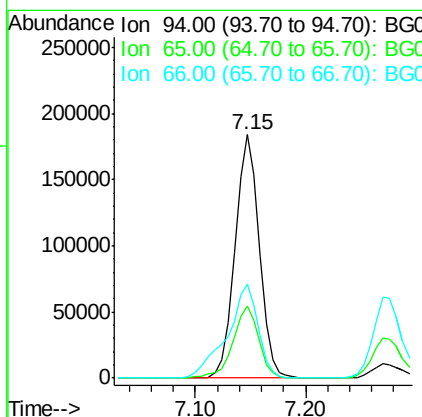
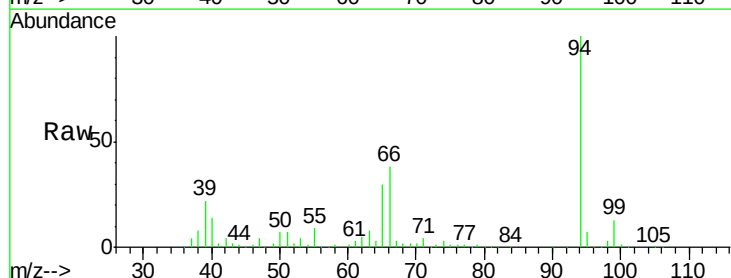
RT: 7.15 min Scan# 691

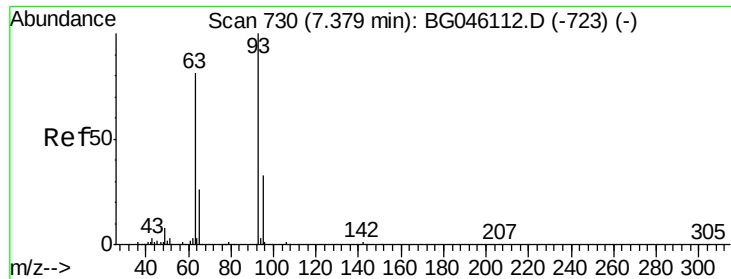
Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		283136		
65	29.7	9.6	49.6		
66	38.4	16.3	56.3		





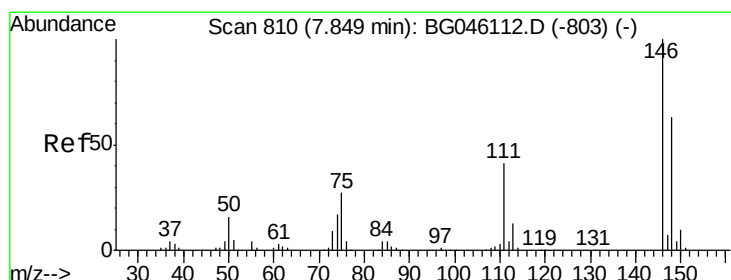
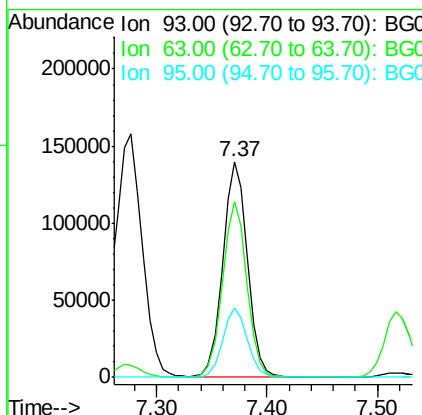
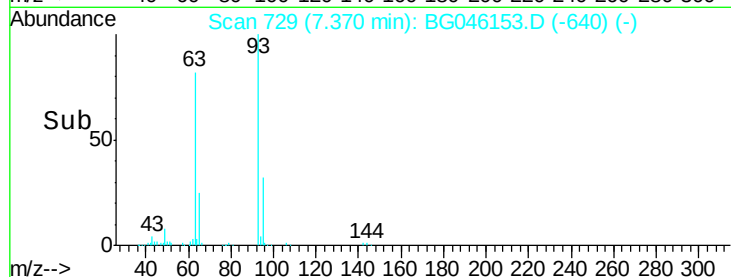
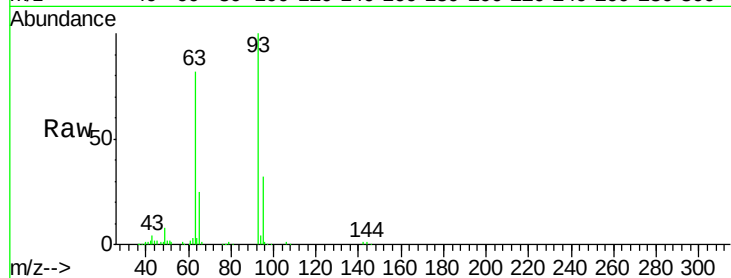
#11
bis(2-Chloroethyl)ether
Concen: 41.891 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion:	93	Resp:	218489
Ion	Ratio	Lower	Upper
93	100		
63	81.7	60.0	100.0
95	32.0	12.6	52.6

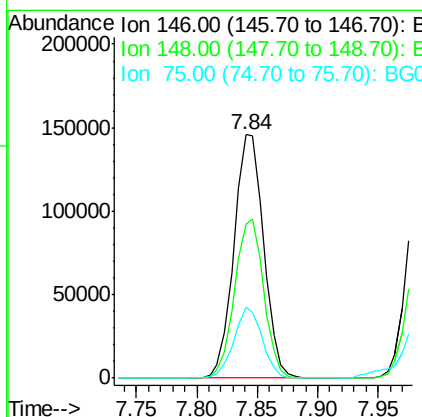
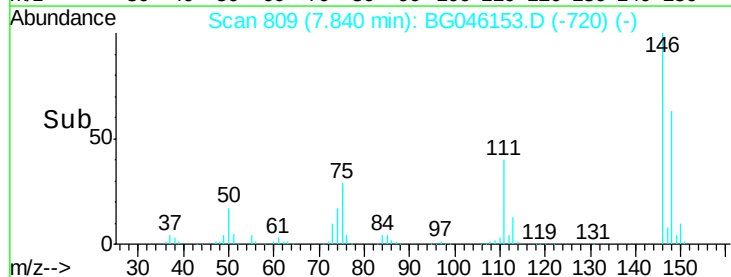
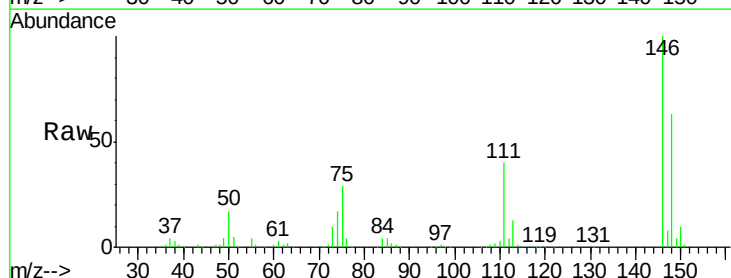
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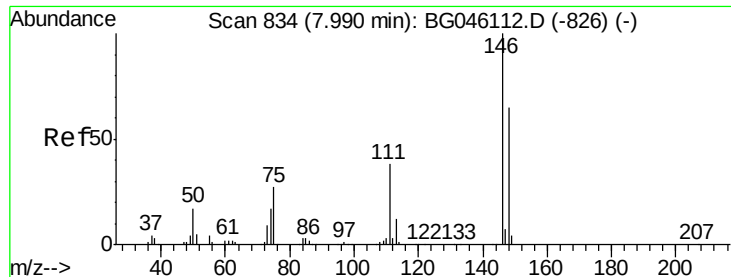
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#12
1,3-Dichlorobenzene
Concen: 38.935 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion:	146	Resp:	249778
Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.5	75.7
75	29.1	21.6	32.4





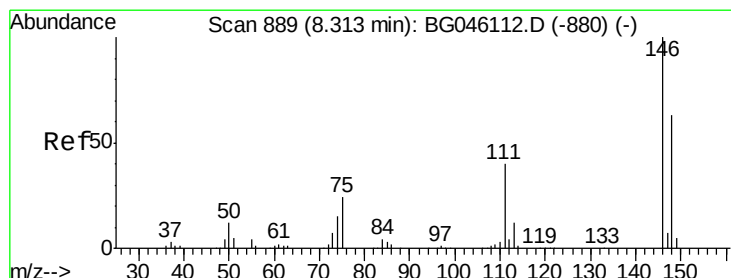
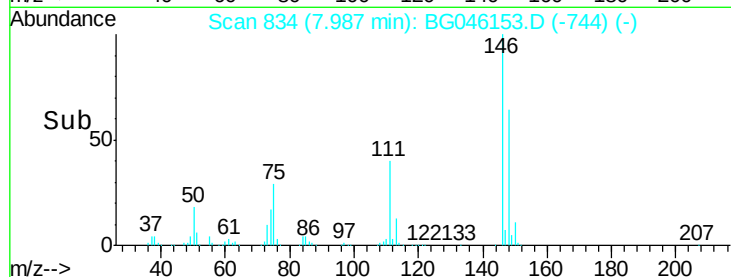
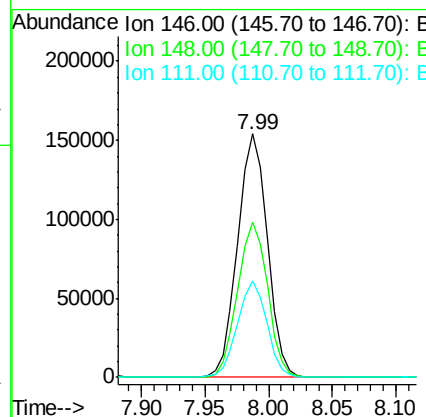
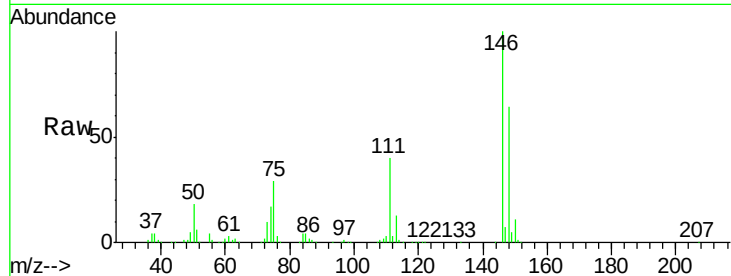
#13
 1,4-Dichlorobenzene
 Concen: 38.873 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	250416		
148	63.8	51.8	77.6	
111	39.5	30.7	46.1	

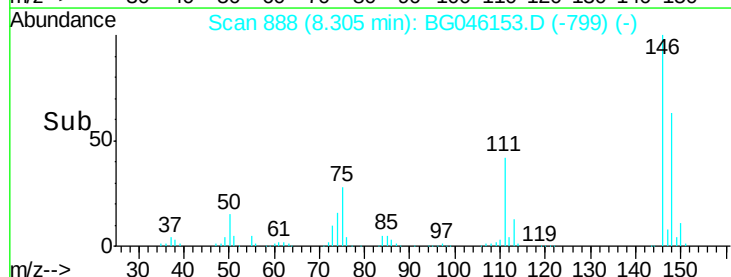
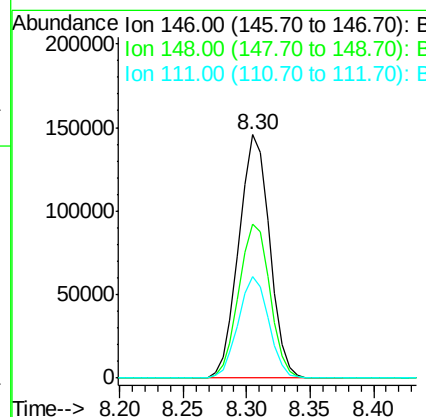
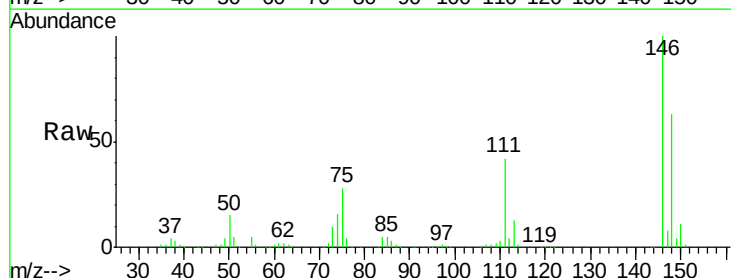
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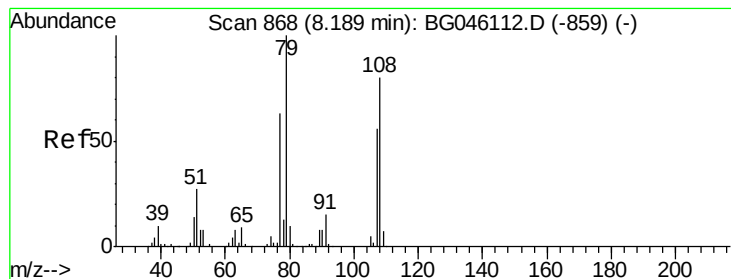
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.315 ng
 RT: 8.30 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	244927		
148	63.0	50.8	76.2	
111	41.7	32.4	48.6	





#15

Benzyl Alcohol

Concen: 45.061 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

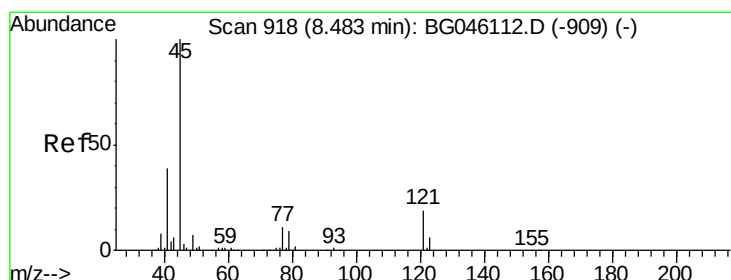
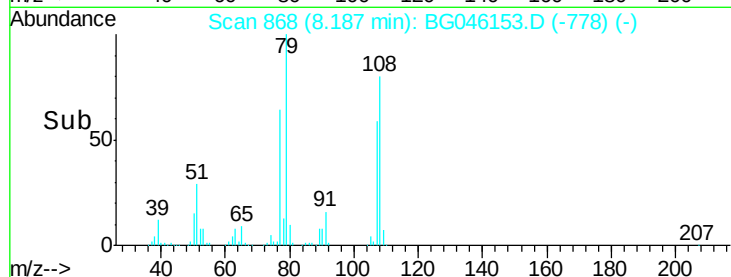
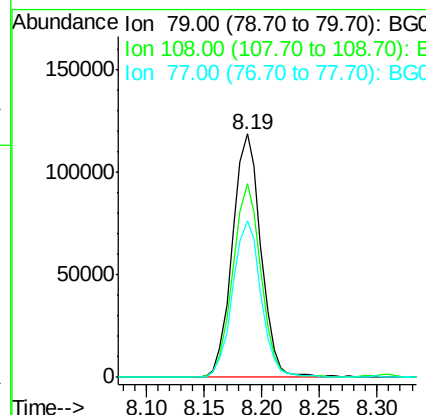
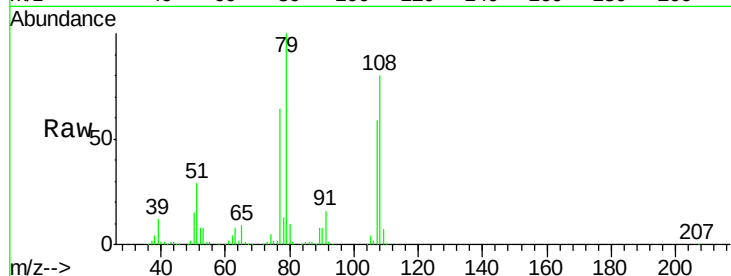
ClientSampleId :

PB130683BS

Tgt Ion:	79	Resp:	203158
Ion Ratio	Lower	Upper	
79	100		
108	79.7	64.1	96.1
77	64.3	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.332 ng

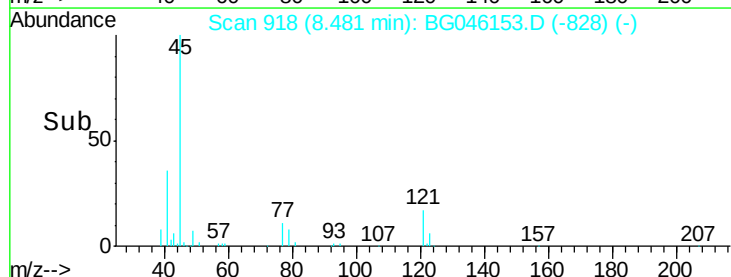
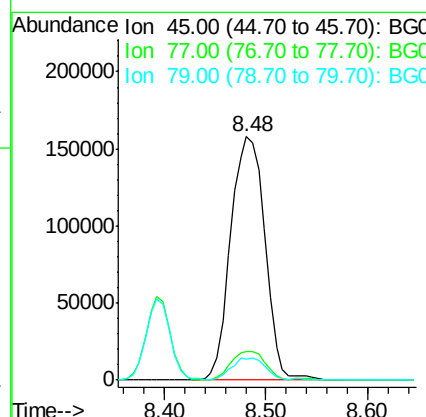
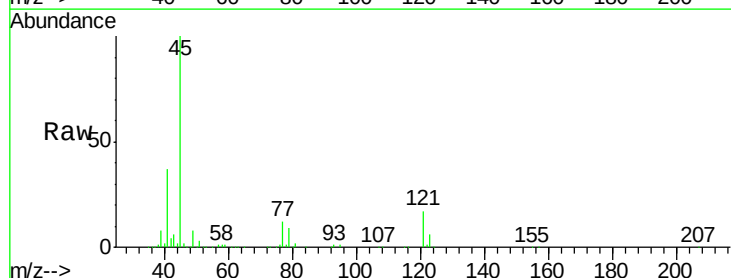
RT: 8.48 min Scan# 918

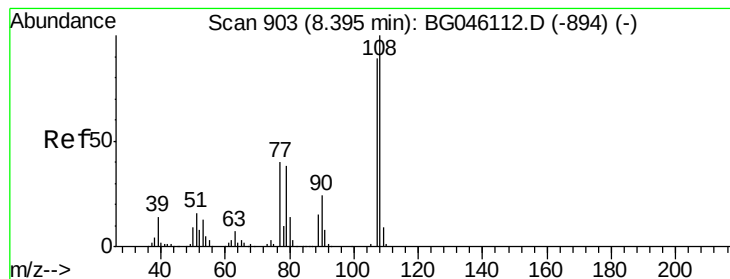
Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Tgt Ion:	45	Resp:	370527
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	31.9
79	8.8	0.0	29.5





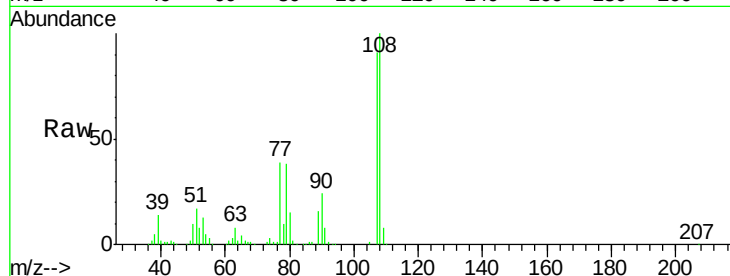
#17
2-Methylphenol
Concen: 46.160 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

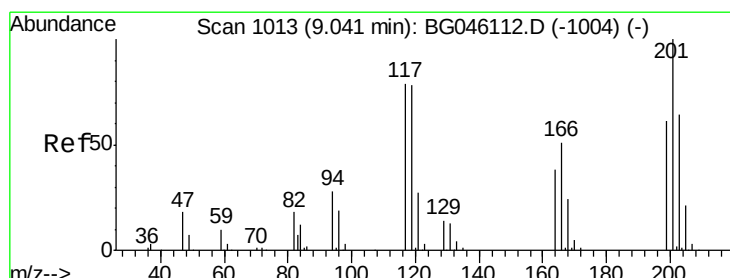
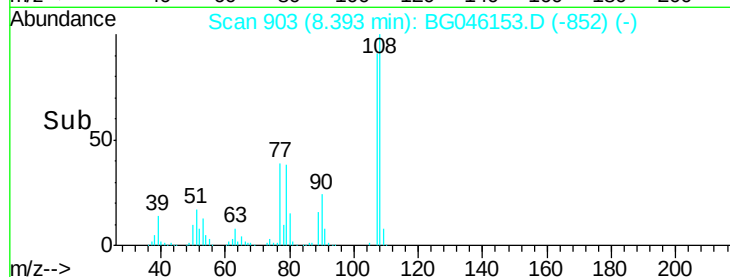
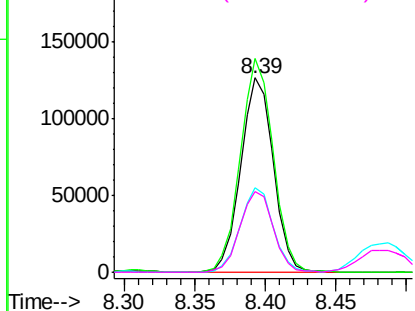
Tgt Ion:	107	Resp:	204339
Ion Ratio	Lower	Upper	
107	100		
108	110.1	90.0	135.0
77	43.3	35.6	53.4
79	41.6	34.4	51.6

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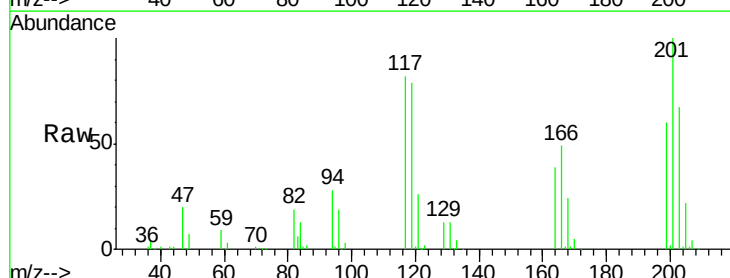


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

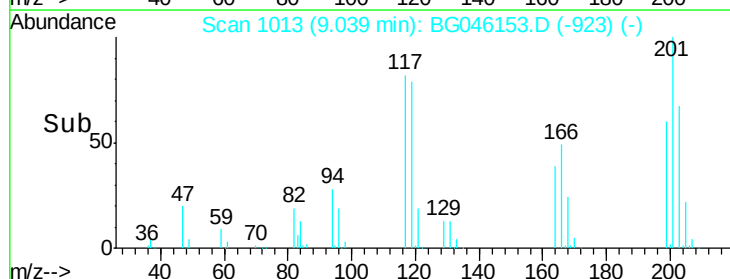
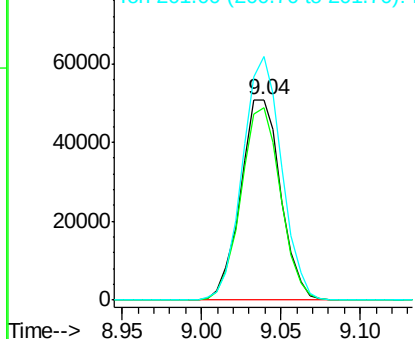


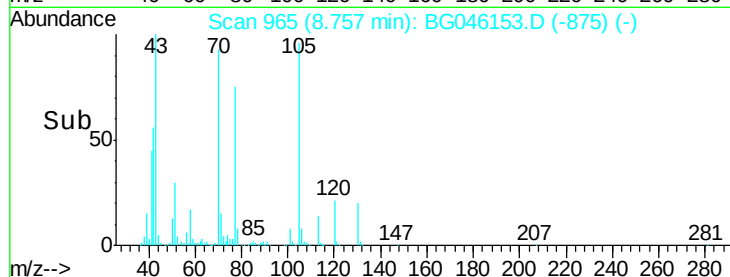
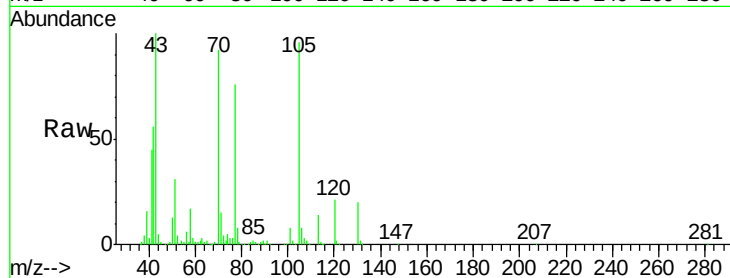
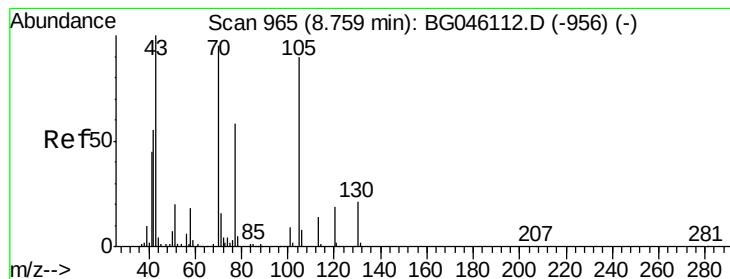
#18
Hexachloroethane
Concen: 41.387 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion:	117	Resp:	89166
Ion Ratio	Lower	Upper	
117	100		
119	95.8	78.5	117.7
201	121.4	101.0	151.4



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





#19

n-Nitroso-di-n-propylamine

Concen: 42.532 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		180646		
42	60.6	46.5	69.7		
101	9.2	7.6	11.4		
130	21.4	17.3	25.9		

Instrument :

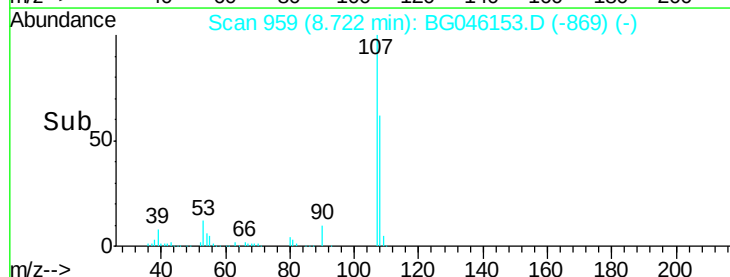
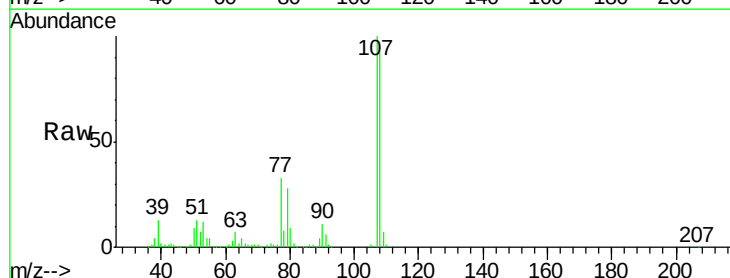
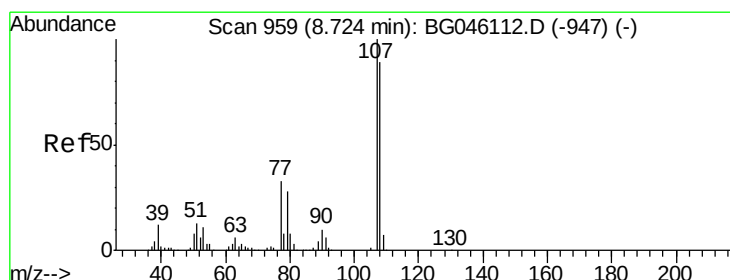
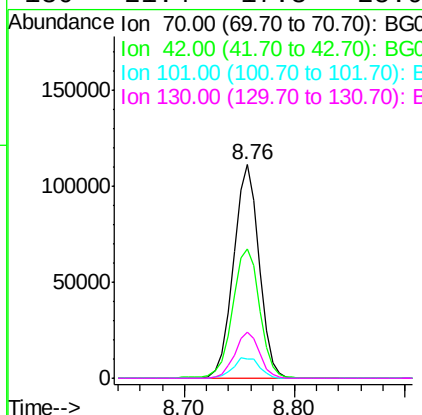
BNA_G

ClientSampleId :

PB130683BS

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#20

3+4-Methylphenols

Concen: 45.275 ng

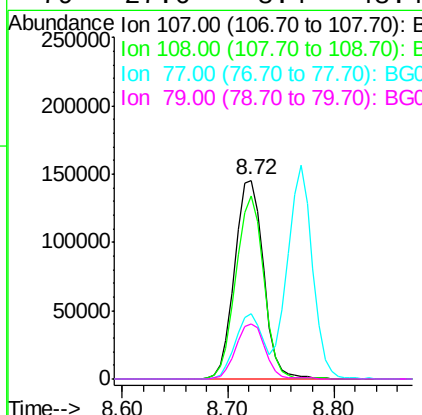
RT: 8.72 min Scan# 959

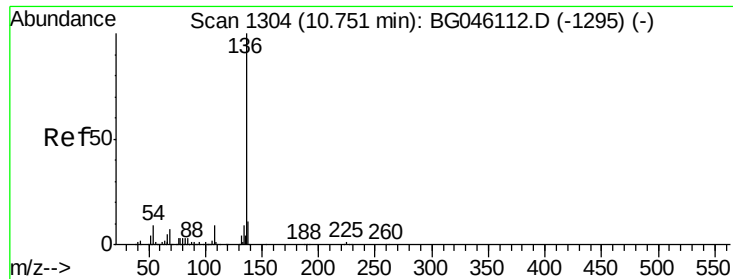
Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		274322		
108	92.2	69.1	109.1		
77	32.7	12.5	52.5		
79	27.6	8.4	48.4		





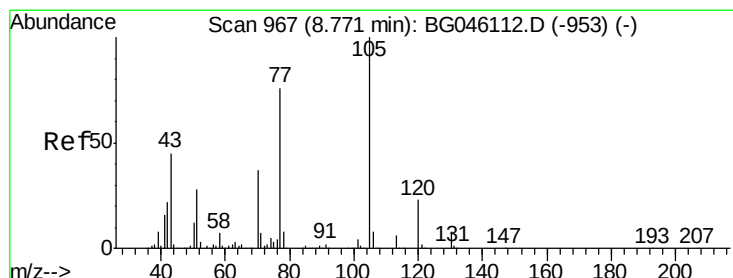
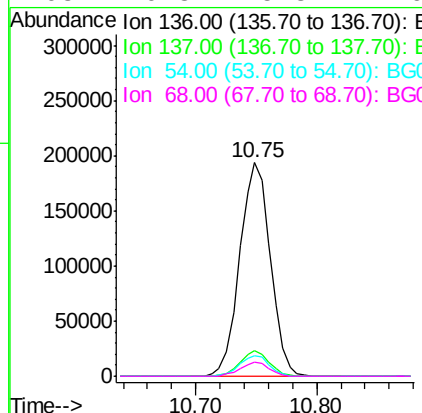
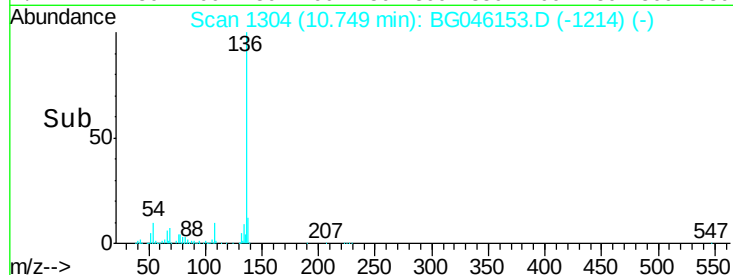
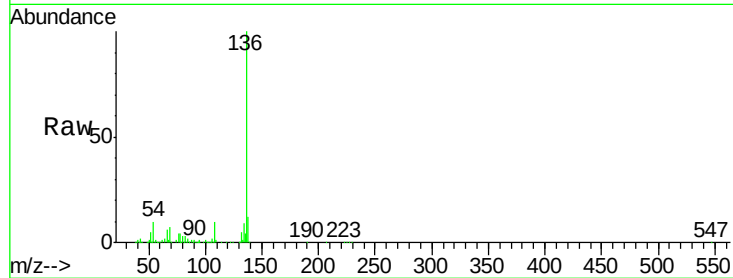
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	340788		
137	11.7	8.8	13.2	
54	9.5	7.0	10.4	
68	6.8	5.3	7.9	

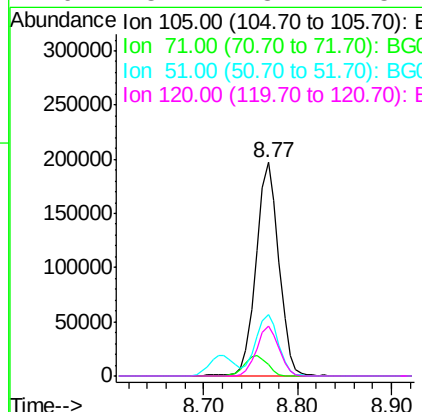
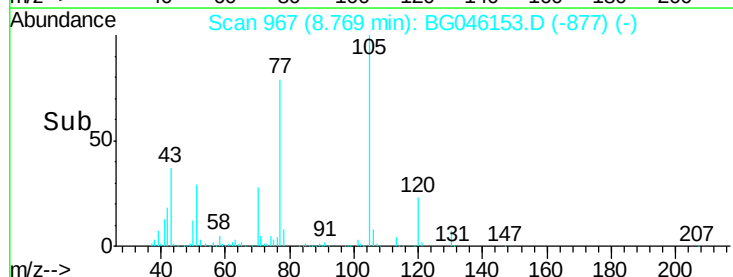
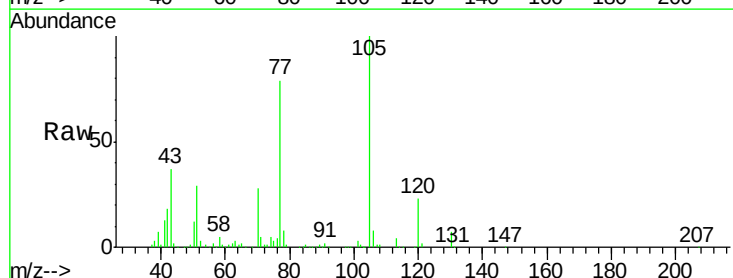
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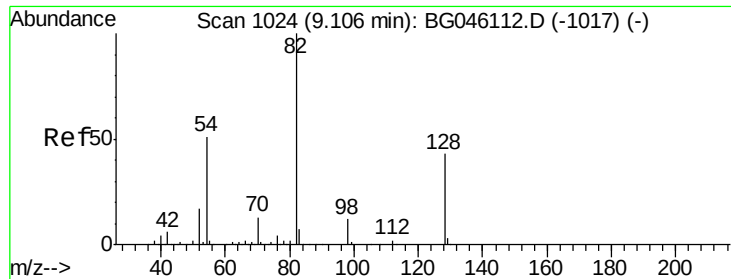
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#22
Acetophenone
Concen: 37.834 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	330888		
71	5.4	5.3	7.9	
51	29.0	22.7	34.1	
120	23.2	18.7	28.1	





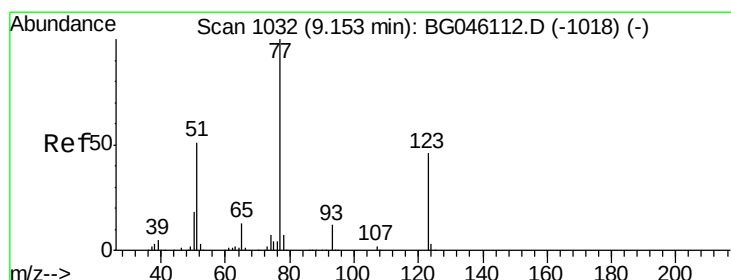
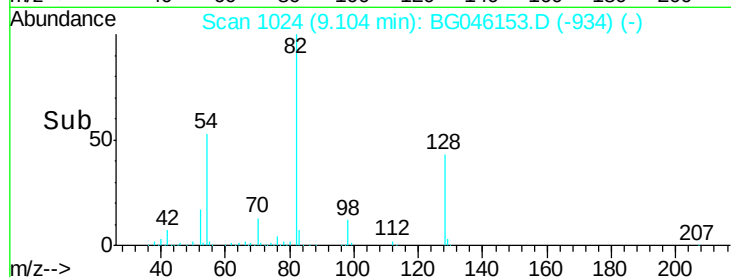
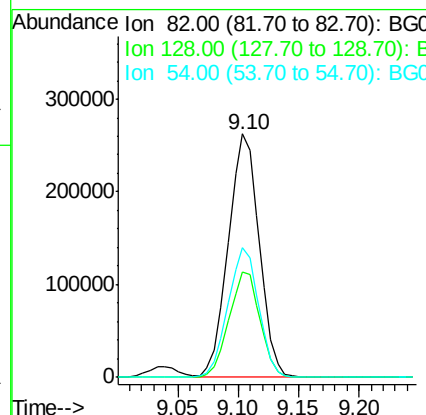
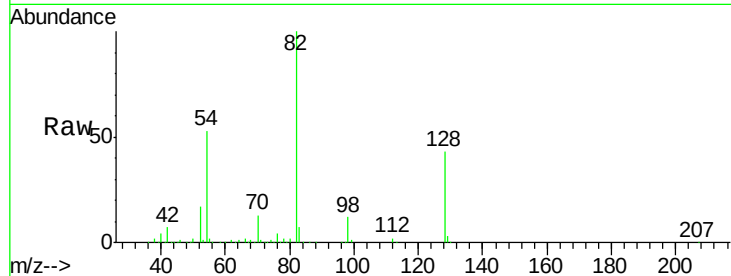
#23
 Nitrobenzene-d5
 Concen: 74.145 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	466690		
128	43.1	34.4	51.6	
54	53.2	40.8	61.2	

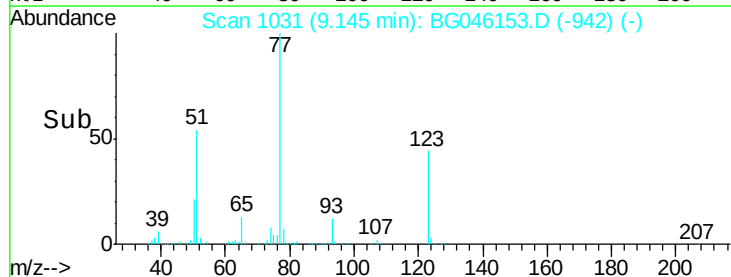
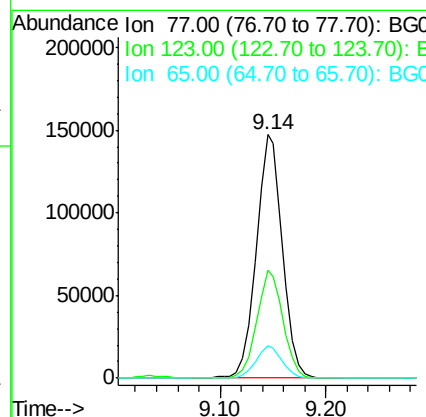
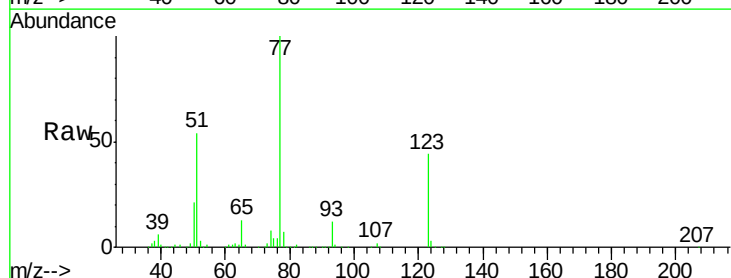
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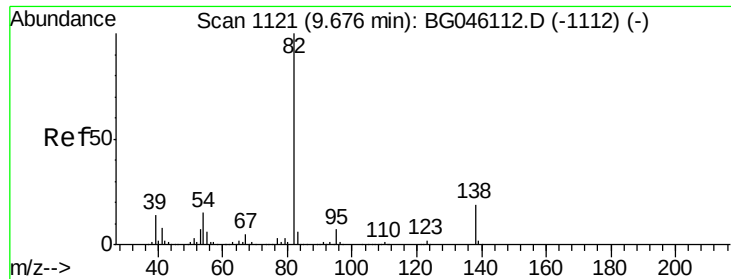
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#24
 Nitrobenzene
 Concen: 37.724 ng
 RT: 9.14 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	253158		
123	44.3	36.8	55.2	
65	13.4	10.2	15.2	





#25

Isophorone

Concen: 38.144 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

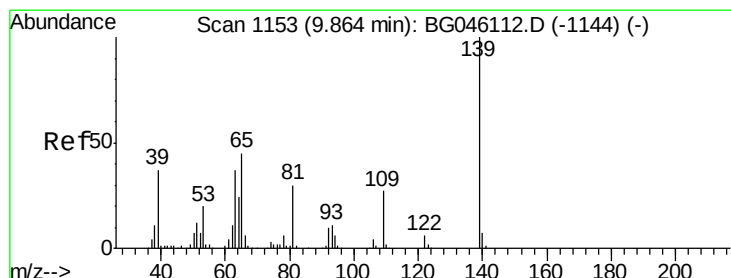
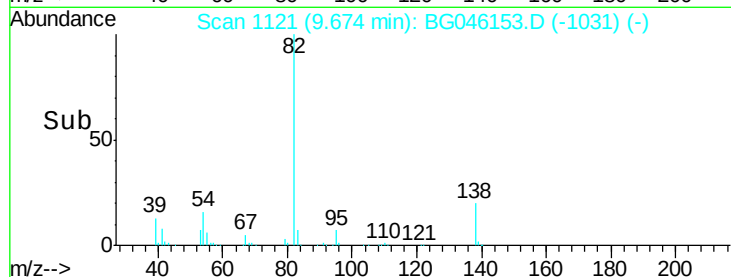
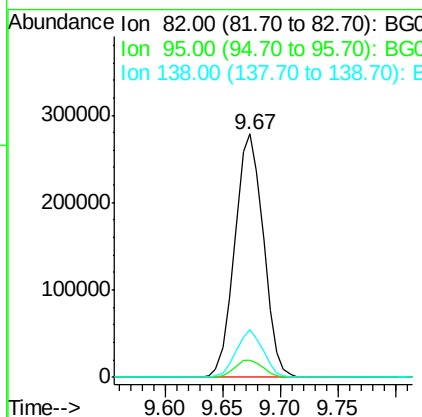
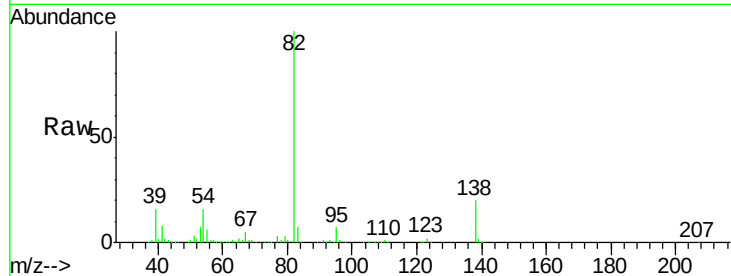
ClientSampleId :

PB130683BS

Tgt Ion:	82	Resp:	477729
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.5	8.3
138	19.5	15.3	22.9

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#26

2-Nitrophenol

Concen: 40.805 ng

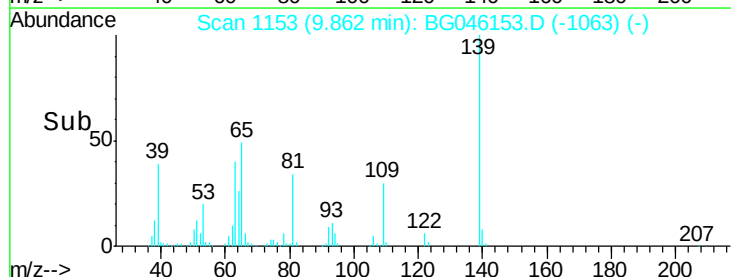
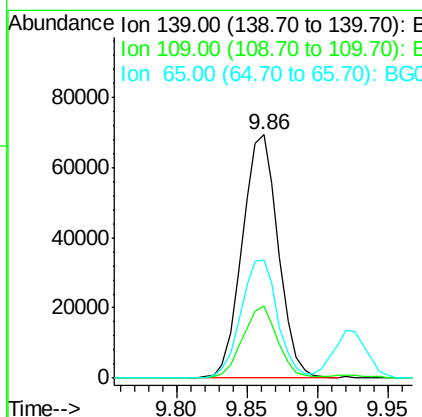
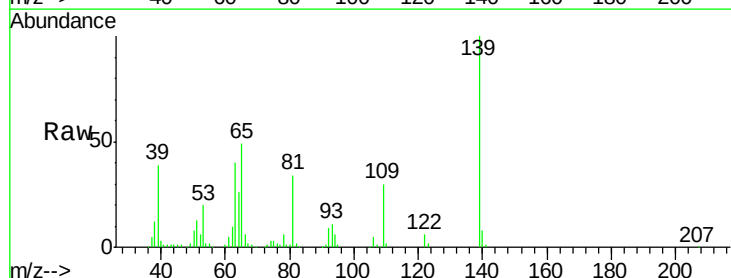
RT: 9.86 min Scan# 1153

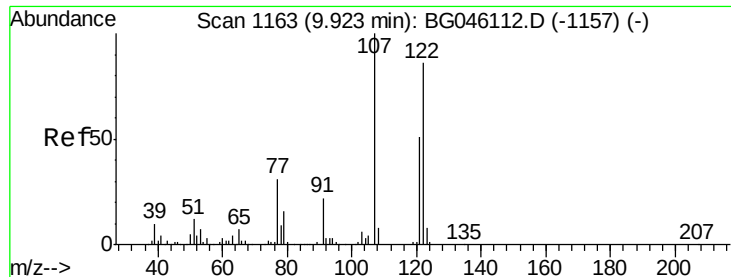
Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Tgt Ion:	139	Resp:	124105
Ion Ratio	Lower	Upper	
139	100		
109	29.5	21.8	32.8
65	48.8	36.2	54.2





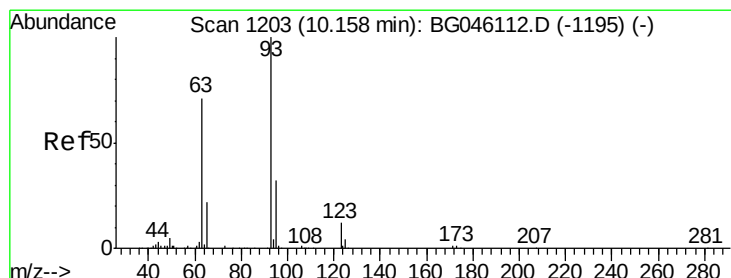
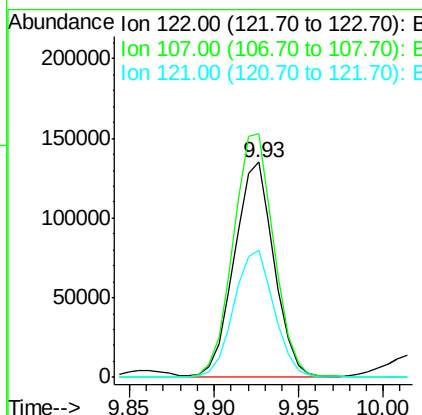
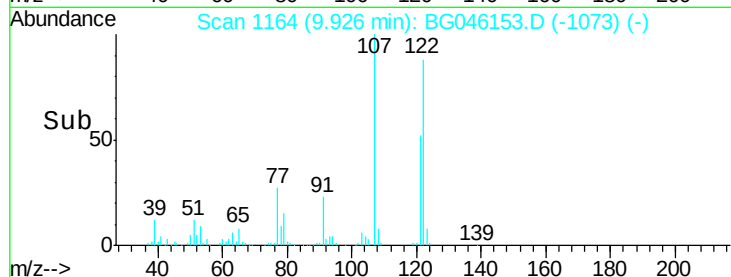
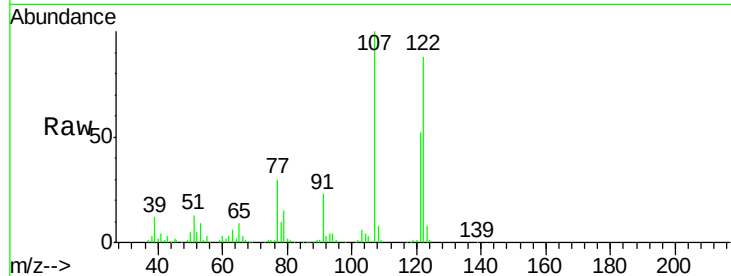
#27
 2,4-Dimethylphenol
 Concen: 44.437 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	219886		
107	113.3	92.4	138.6	
121	58.9	47.0	70.6	

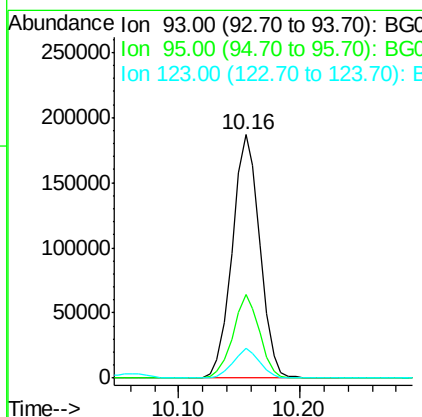
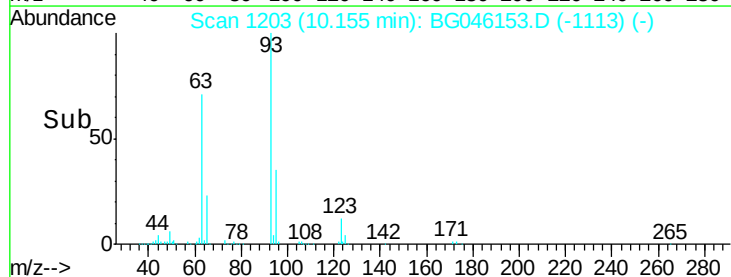
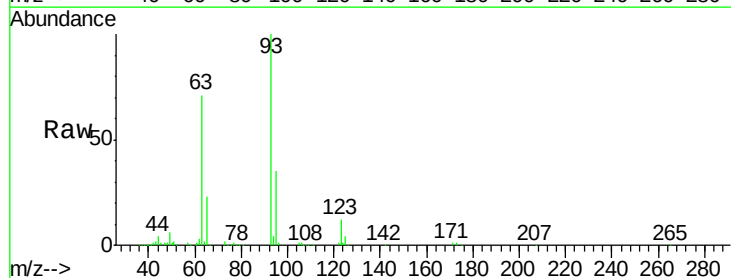
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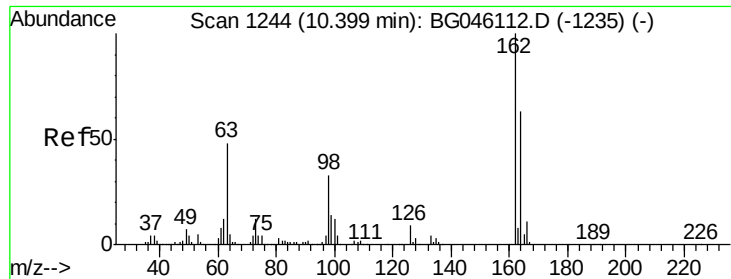
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.522 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	296391		
95	34.6	26.0	39.0	
123	12.0	9.7	14.5	





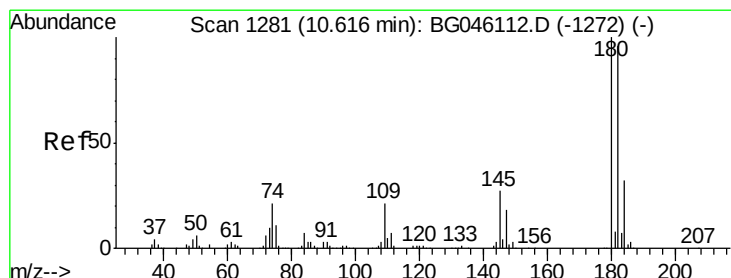
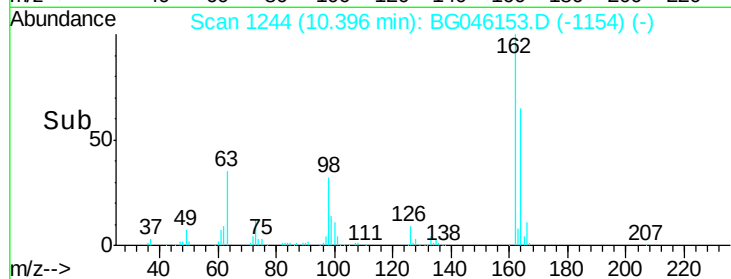
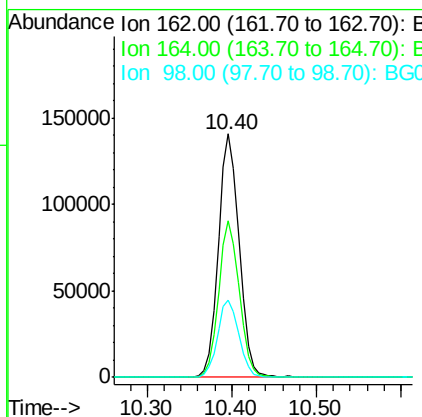
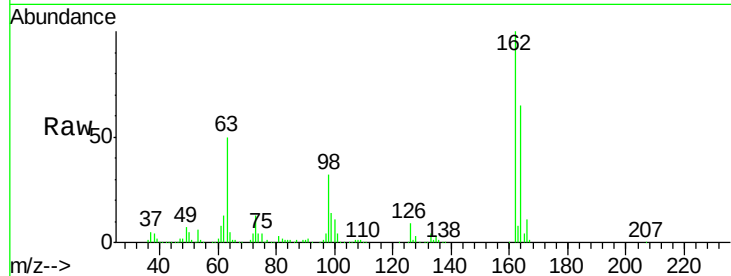
#29
 2,4-Dichlorophenol
 Concen: 41.671 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	242554		
164	64.5	43.3	83.3	
98	31.7	13.1	53.1	

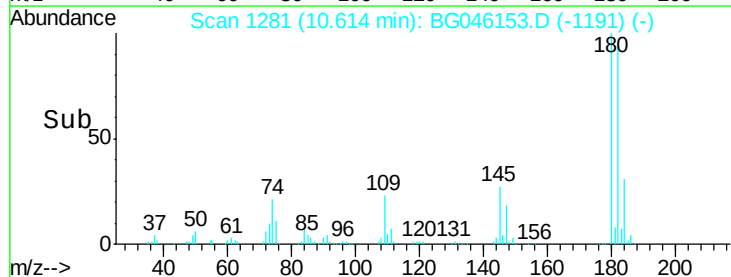
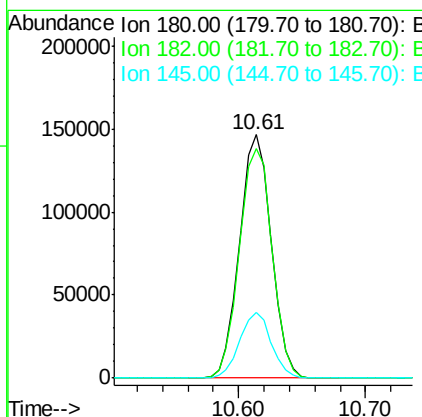
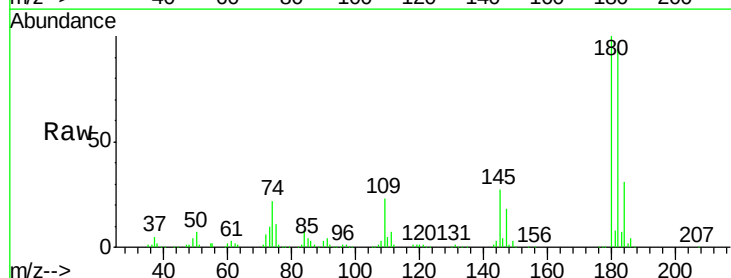
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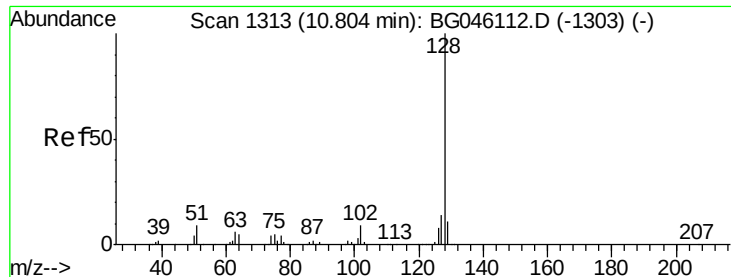
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.323 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	254503		
182	94.5	76.7	115.1	
145	27.2	21.8	32.8	





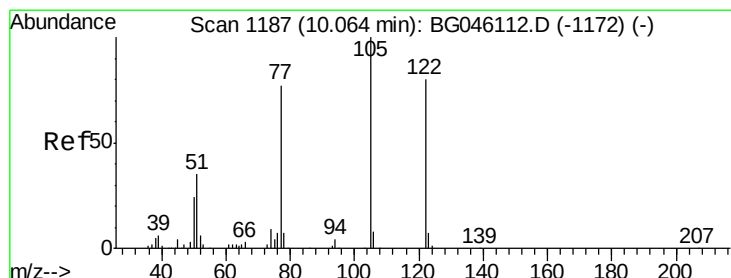
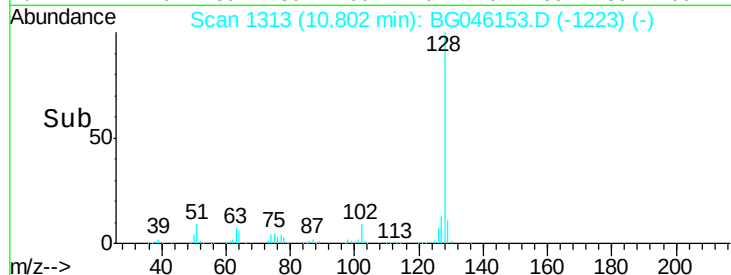
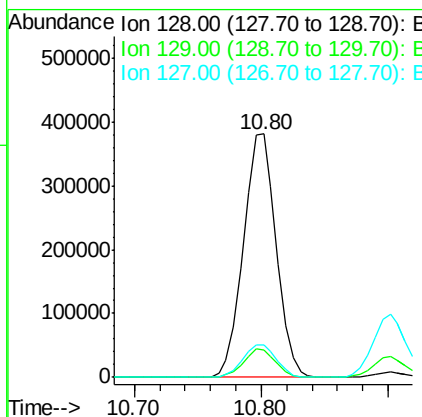
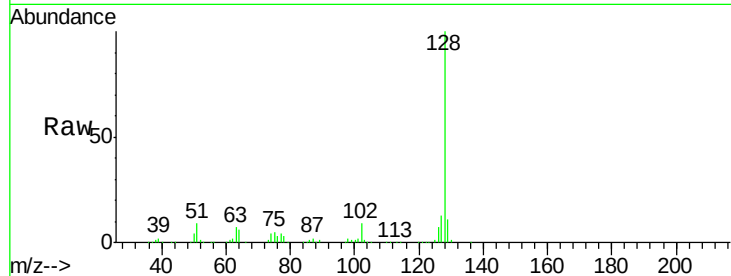
#31
Naphthalene
Concen: 37.842 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	682356		
129	11.1		9.1	13.7
127	13.4		11.3	16.9

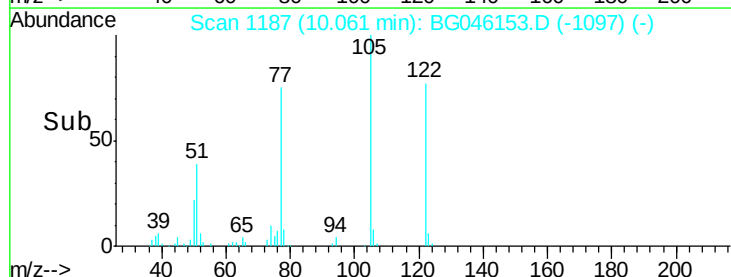
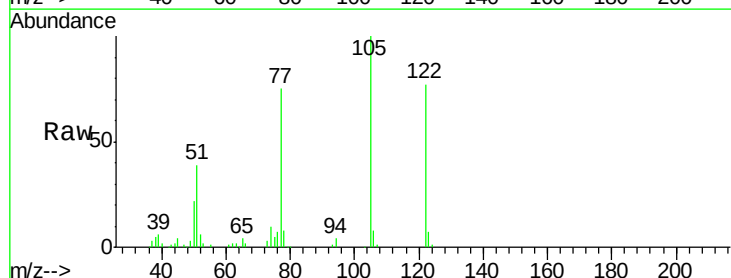
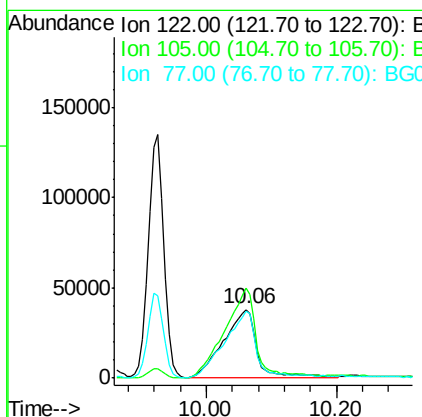
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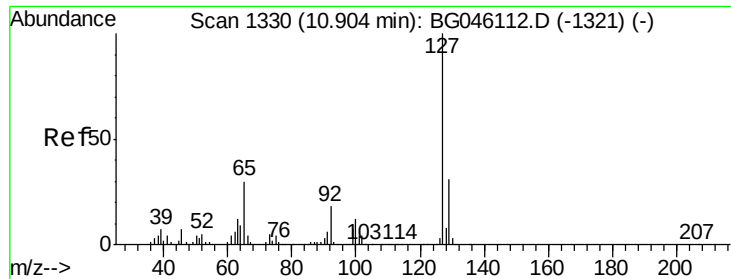
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#32
Benzoic acid
Concen: 38.379 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	131083		
105	130.5		103.0	143.0
77	97.5		75.2	115.2





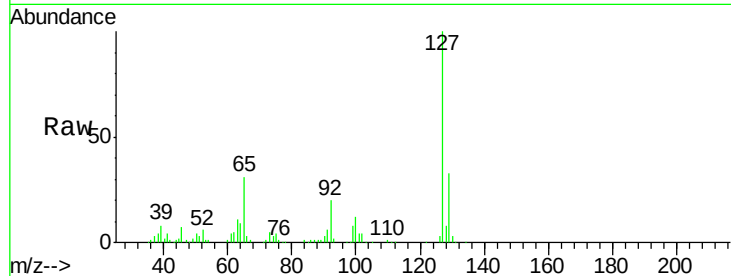
#33
4-Chloroaniline
Concen: 24.463 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

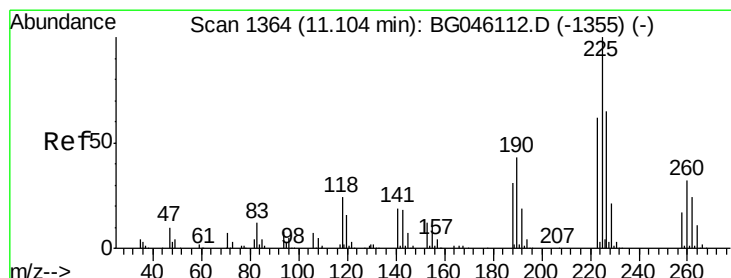
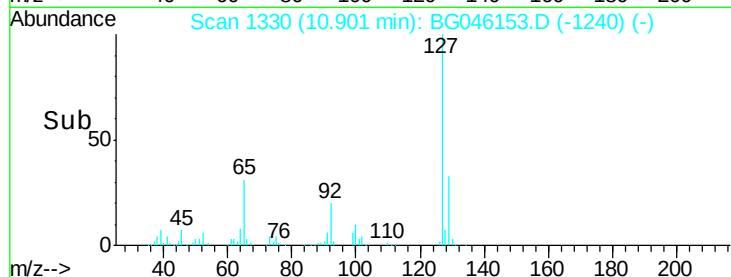
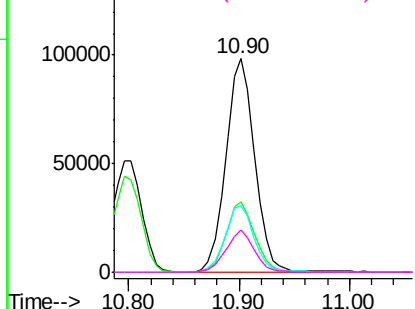
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	180258		
129	32.9	25.2	37.8	
65	30.9	24.2	36.2	
92	19.9	14.5	21.7	

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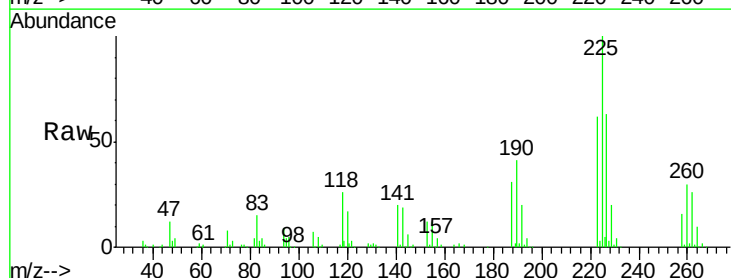


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

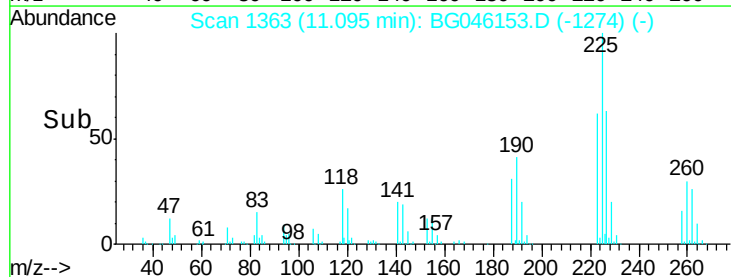
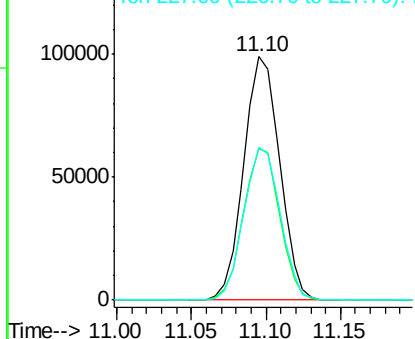


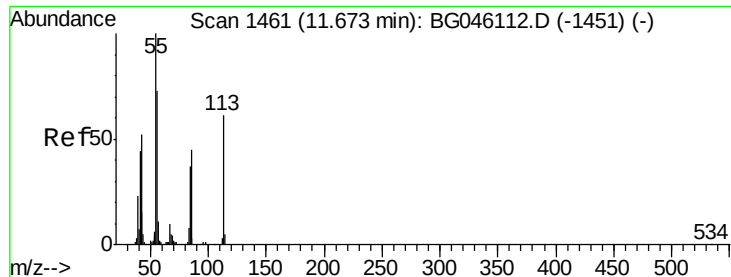
#34
Hexachlorobutadiene
Concen: 36.387 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	165168		
223	62.3	49.8	74.6	
227	62.6	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: 43.643 ng m

RT: 11.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

Tgt Ion:113 Resp: 83148

Ion Ratio Lower Upper

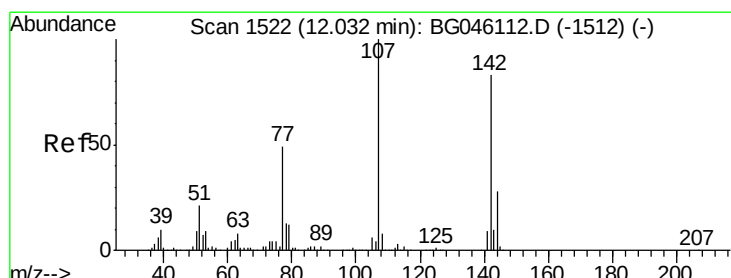
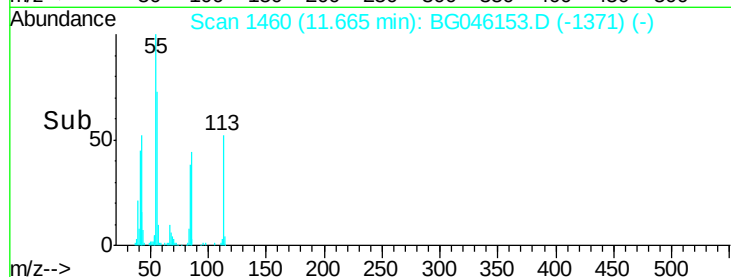
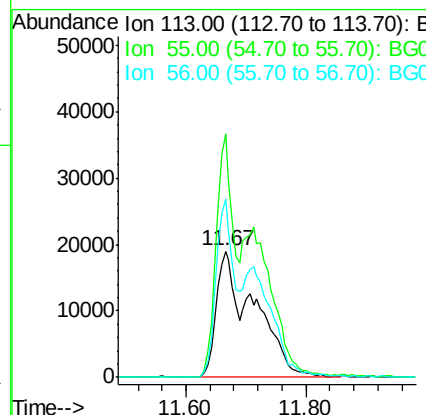
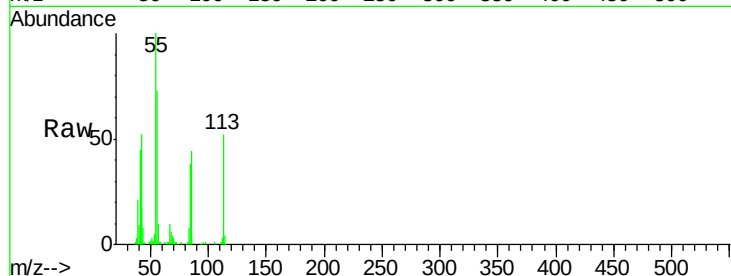
113 100

55 193.1 144.7 184.7#

56 141.7 99.4 139.4#

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#36

4-Chloro-3-methylphenol

Concen: 42.901 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

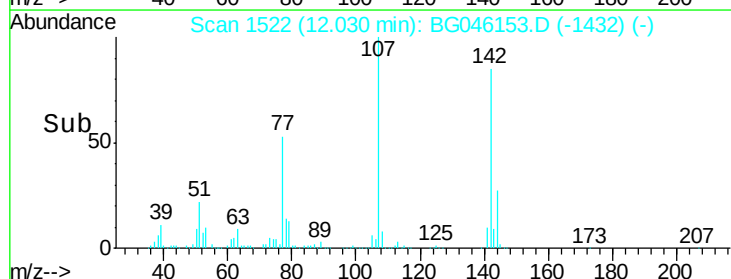
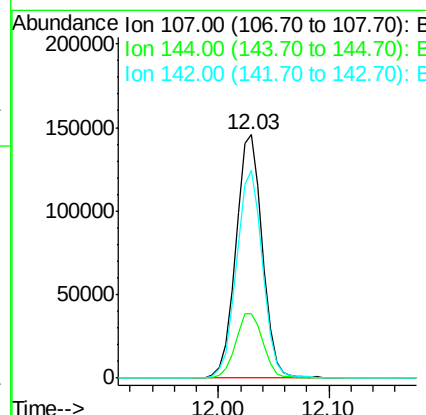
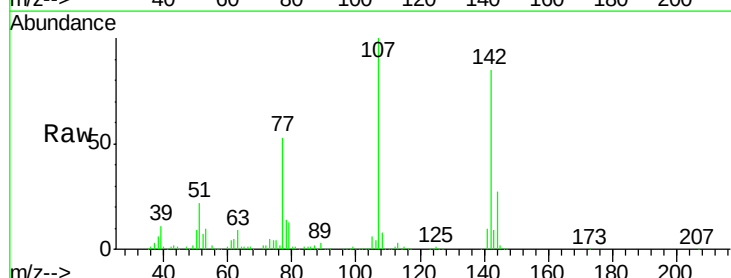
Tgt Ion:107 Resp: 245059

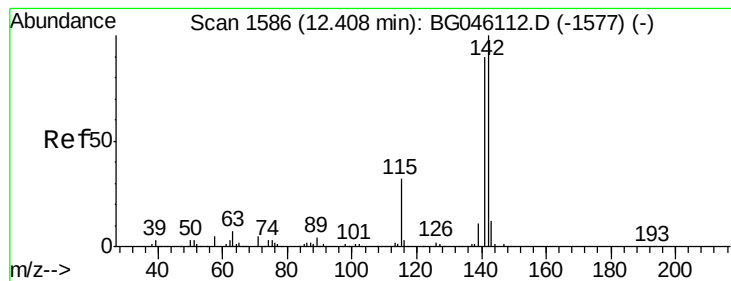
Ion Ratio Lower Upper

107 100

144 26.6 22.4 33.6

142 85.2 66.6 100.0





#37

2-Methylnaphthalene

Concen: 38.762 ng

RT: 12.41 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

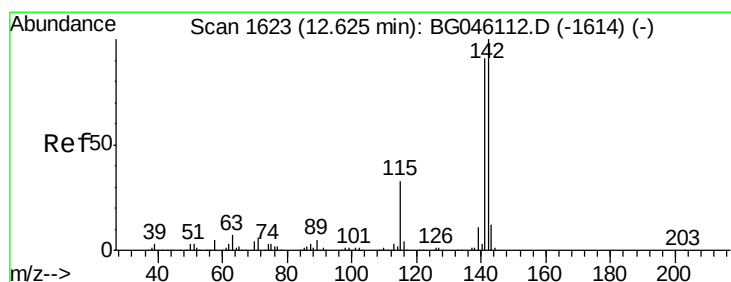
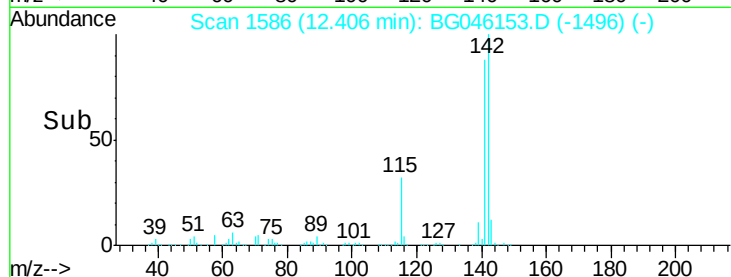
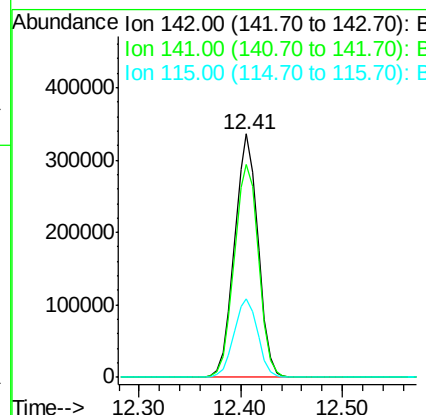
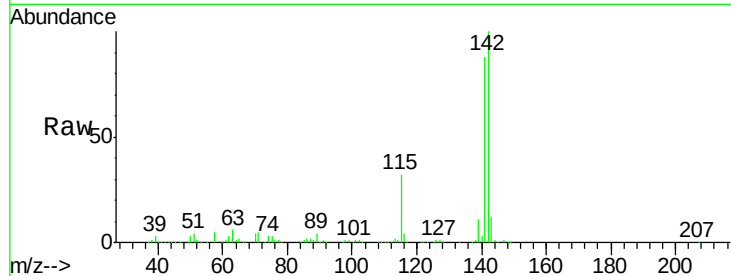
ClientSampleId :

PB130683BS

Tgt Ion:	142	Resp:	537811
Ion Ratio	Lower	Upper	
142	100		
141	87.7	71.7	107.5
115	32.3	25.8	38.8

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#38

1-Methylnaphthalene

Concen: 38.642 ng

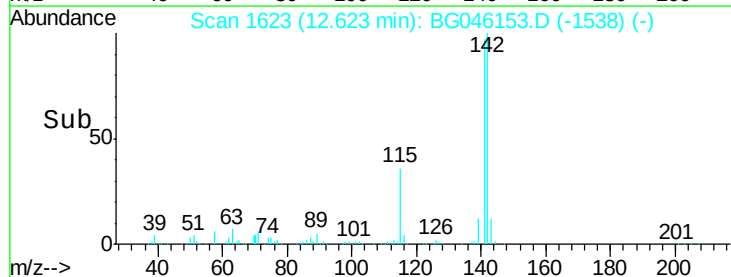
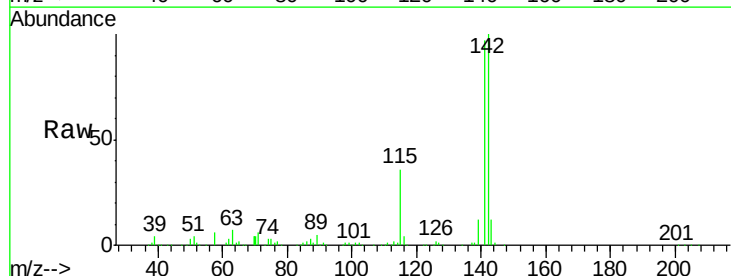
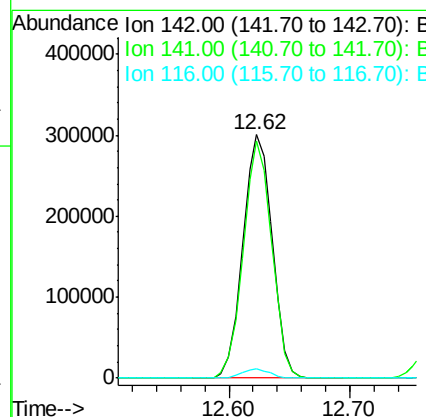
RT: 12.62 min Scan# 1623

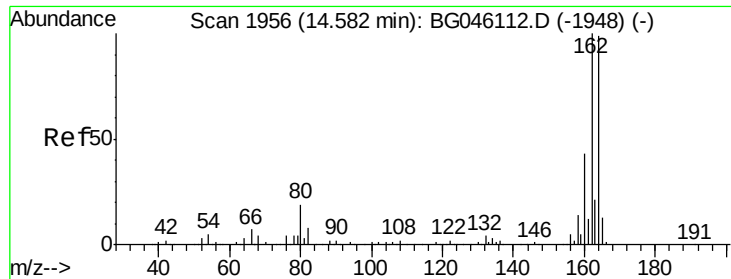
Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Tgt Ion:	142	Resp:	507348
Ion Ratio	Lower	Upper	
142	100		
141	97.4	73.0	109.4
116	3.8	2.8	4.2





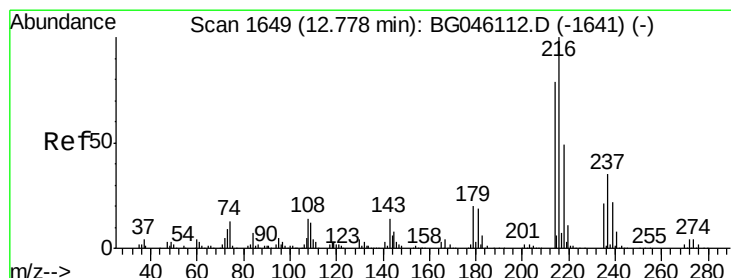
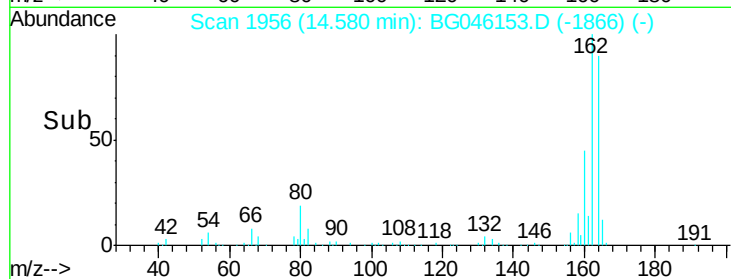
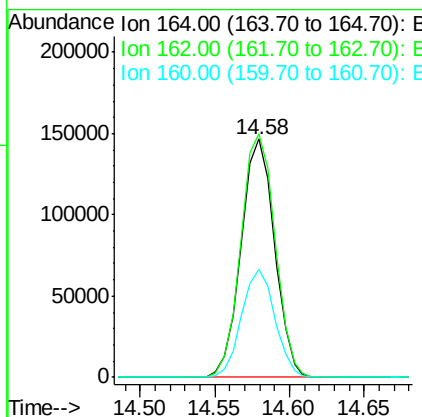
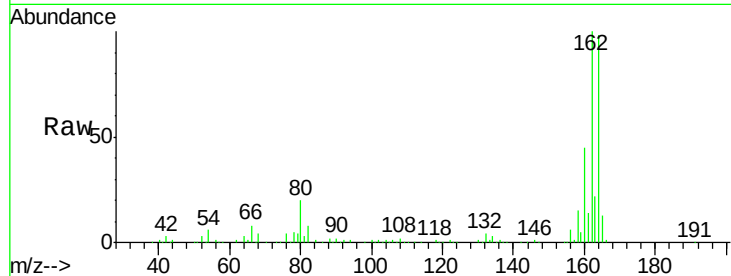
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	227710		
162	102.3	80.6	121.0	
160	45.5	34.9	52.3	

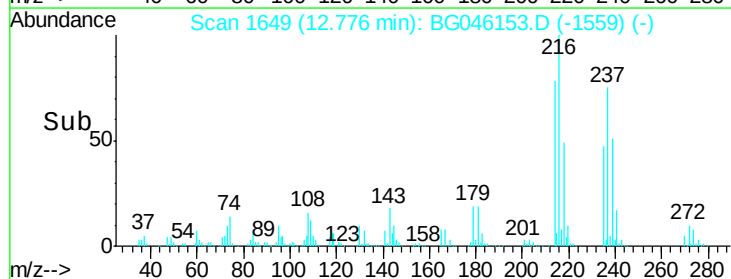
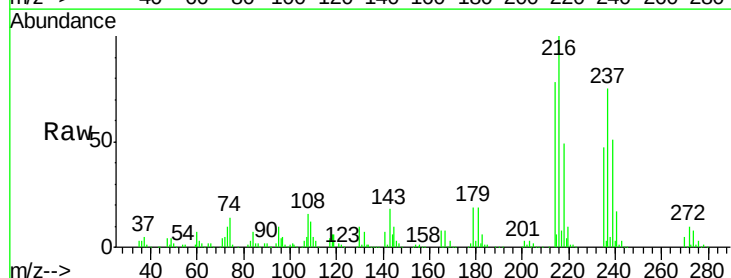
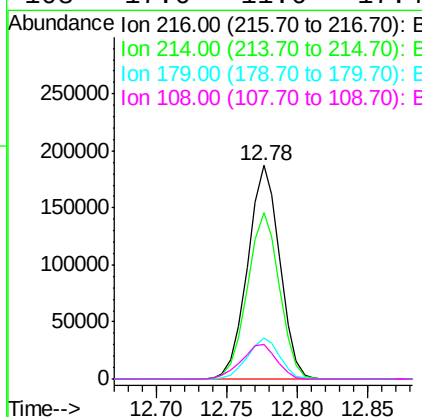
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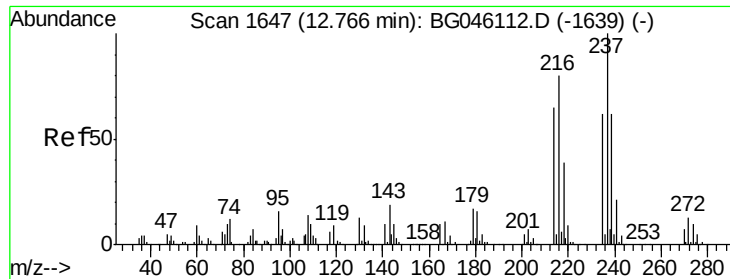
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.390 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	298558		
214	77.8	62.7	94.1	
179	19.3	15.0	22.6	
108	17.6	11.6	17.4	





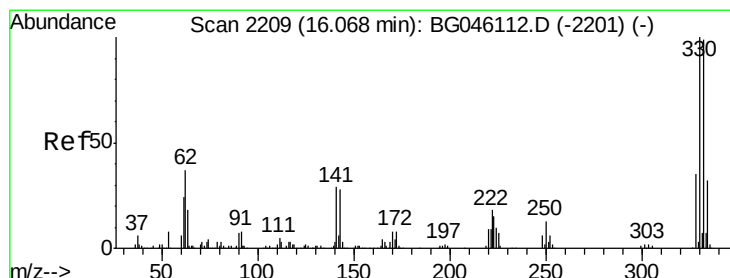
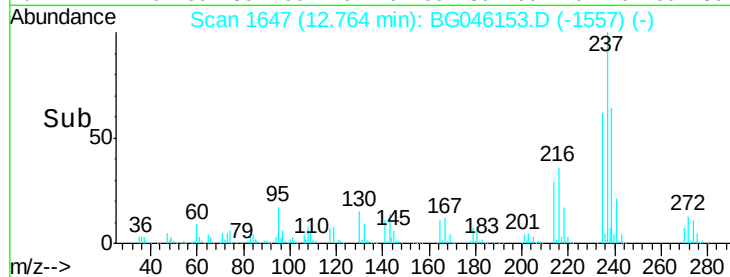
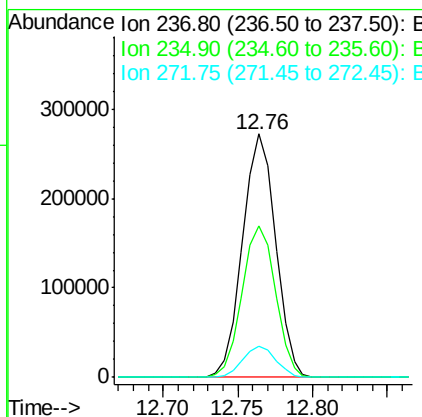
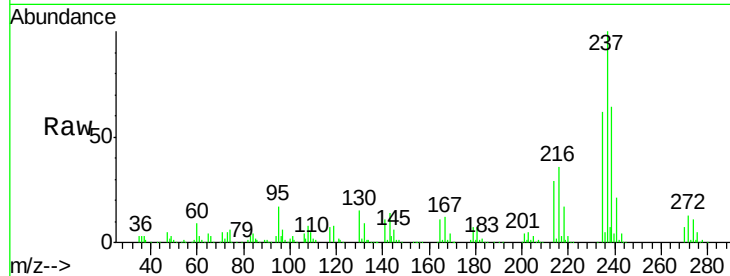
#41
 Hexachlorocyclopentadiene
 Concen: 88.728 ng
 RT: 12.76 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	417556		
235	62.3	42.3	82.3	
272	13.0	0.0	32.7	

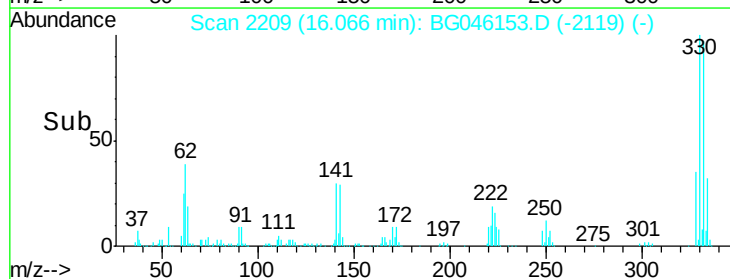
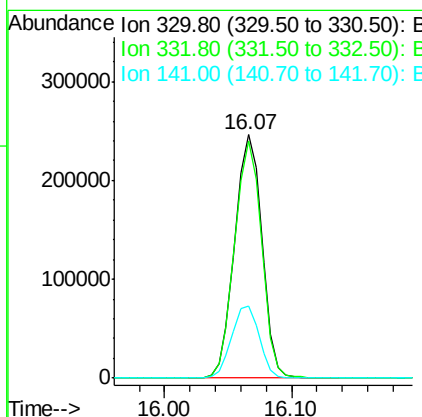
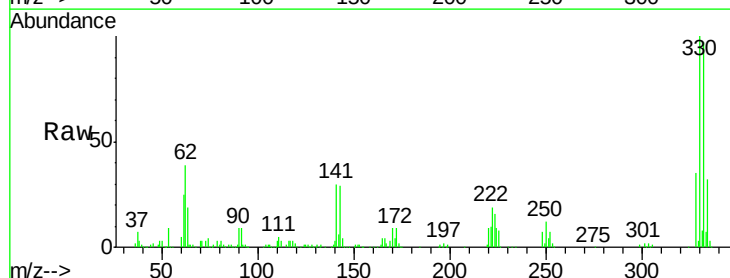
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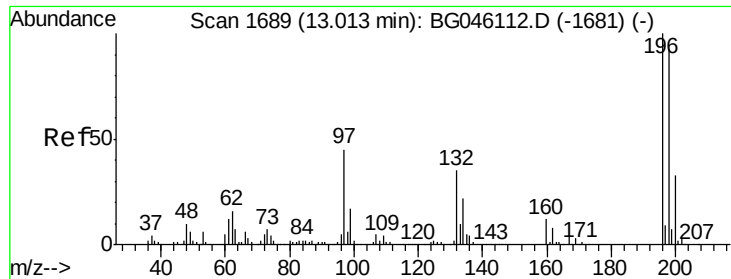
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#42
 2,4,6-Tribromophenol
 Concen: 104.969 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	367136		
332	96.4	77.4	116.2	
141	29.9	23.4	35.0	





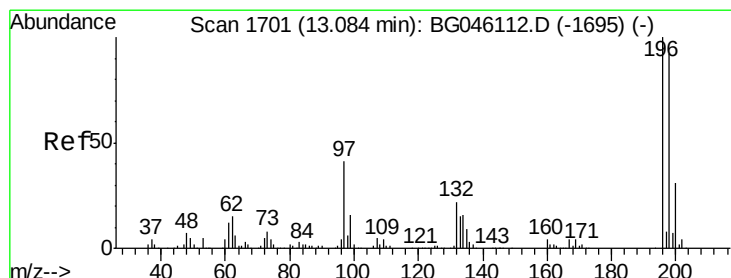
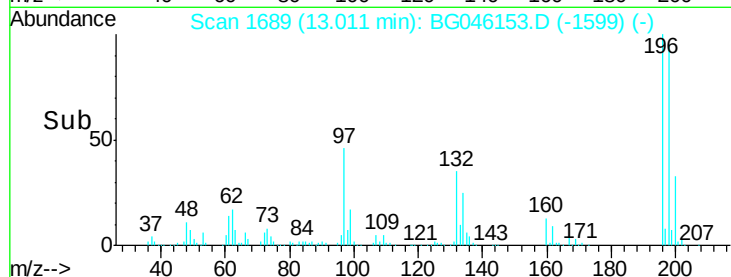
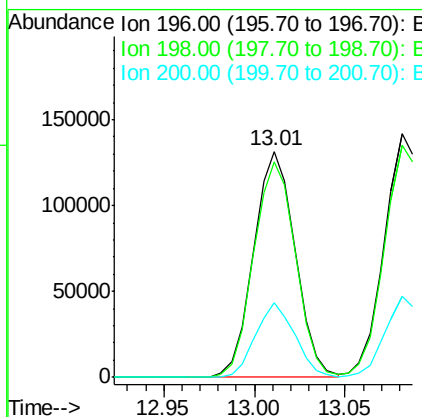
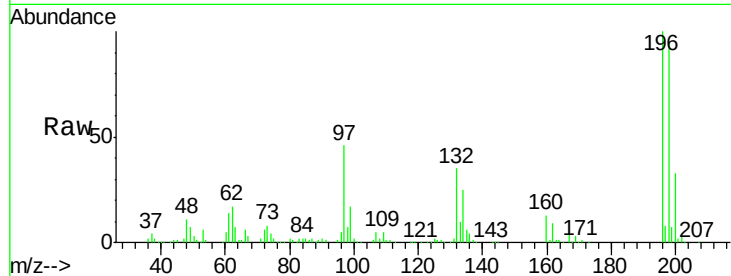
#43
 2,4,6-Trichlorophenol
 Concen: 39.905 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208881		
198	95.1	74.2	111.4	
200	33.3	26.0	39.0	

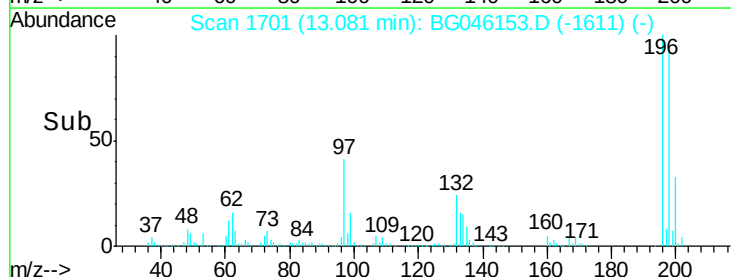
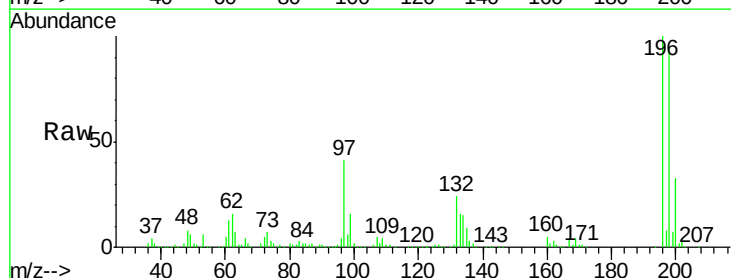
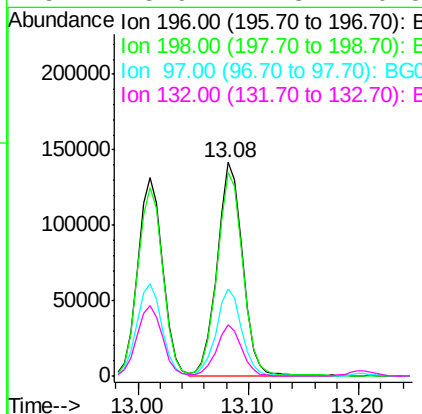
Manual Integrations
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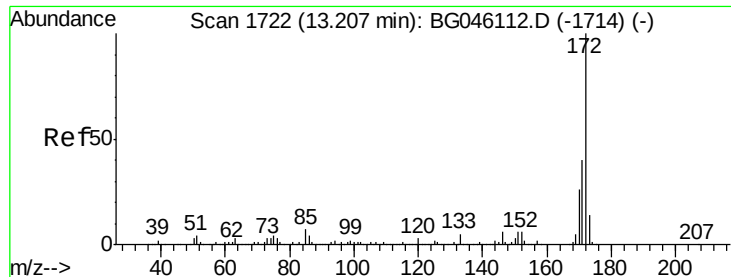
mohammad
 8/5/2020 10:25:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.599 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	226159		
198	95.5	73.9	110.9	
97	40.9	32.7	49.1	
132	23.9	17.8	26.8	





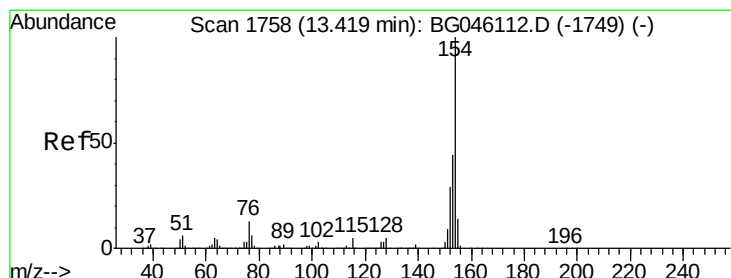
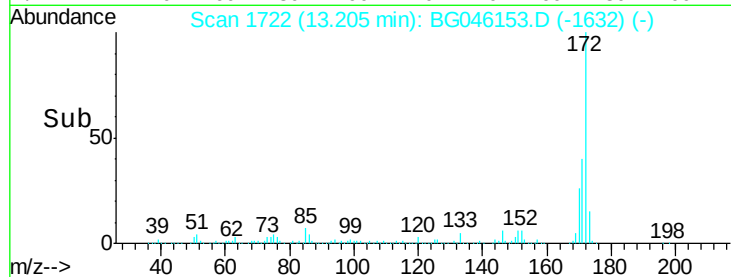
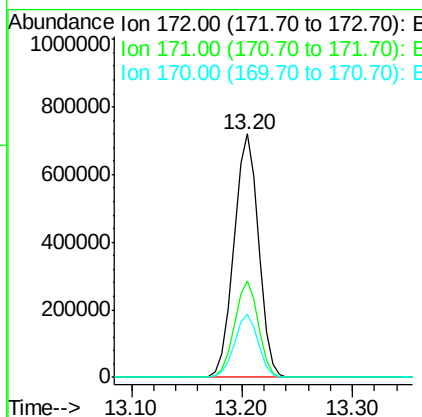
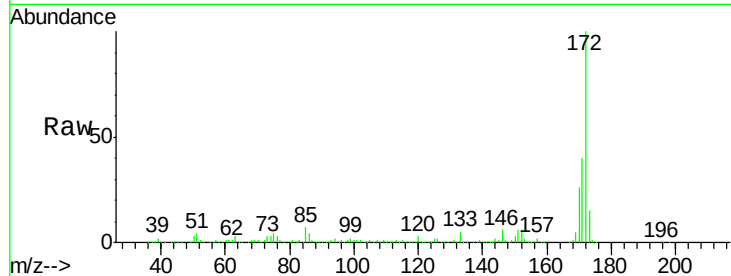
#45
 2-Fluorobiphenyl
 Concen: 71.735 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion:	172	Resp:	1124492
Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.7	47.5
170	25.9	20.9	31.3

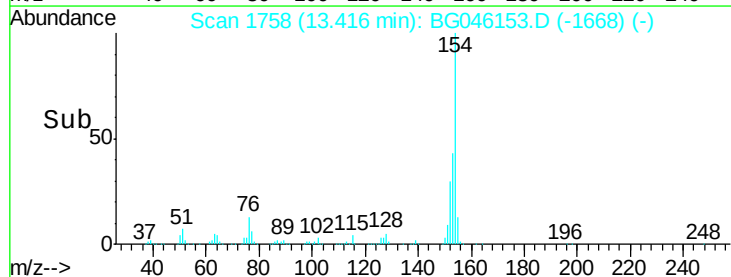
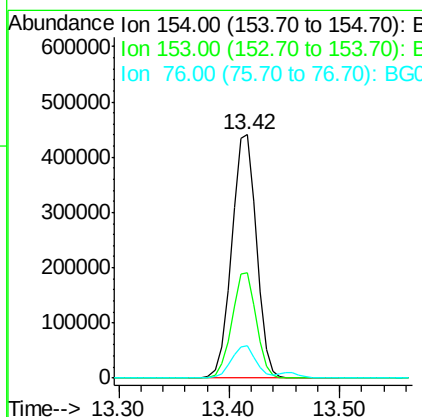
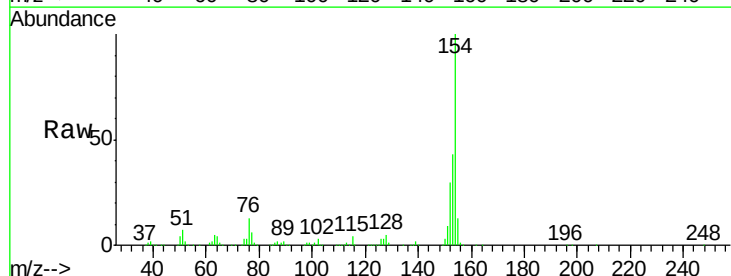
Manual Integrations
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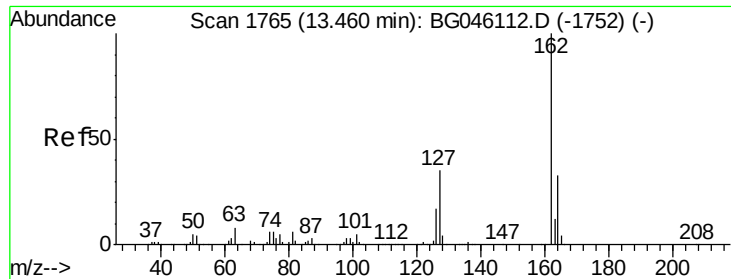
mohammad
 8/5/2020 10:25:53 AM



#46
 1,1'-Biphenyl
 Concen: 38.761 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion:	154	Resp:	692400
Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.7	63.7
76	13.1	0.0	32.9





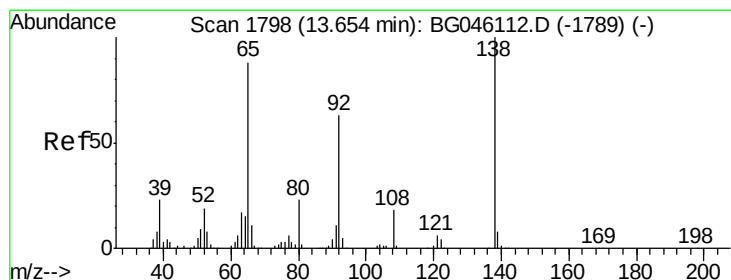
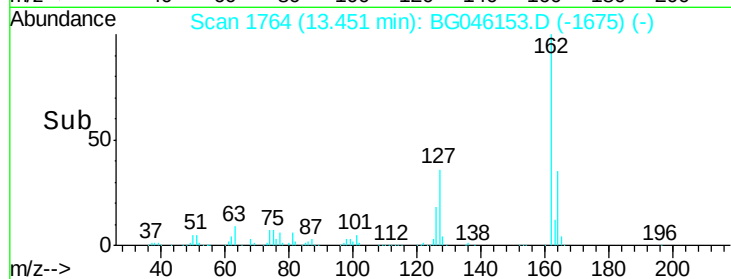
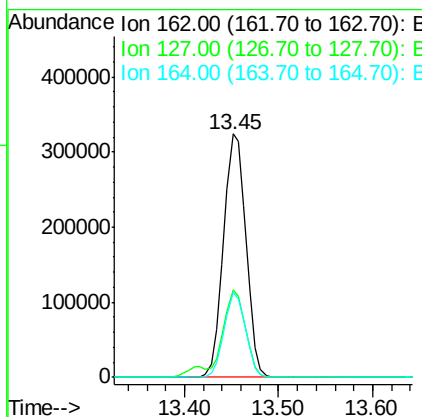
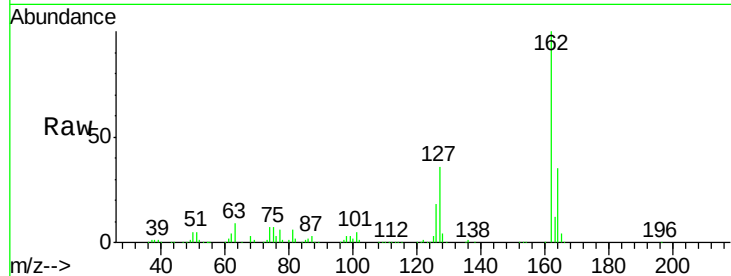
#47
2-Chloronaphthalene
Concen: 37.801 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	538624		
127	35.8	28.0	42.0	
164	34.8	26.5	39.7	

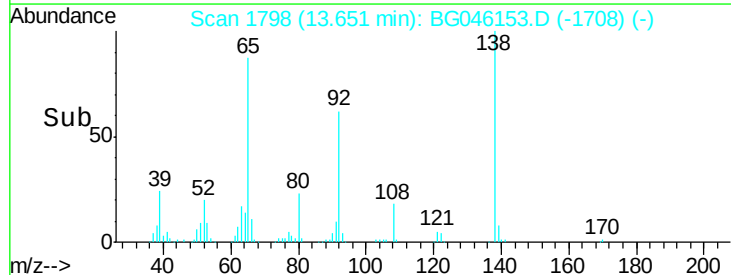
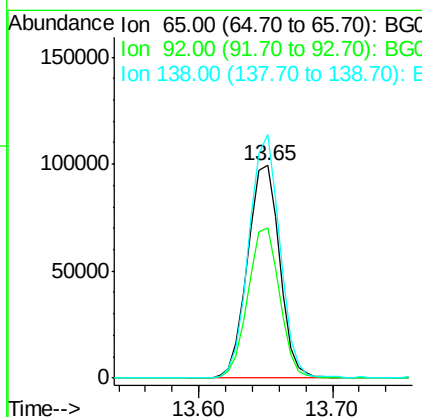
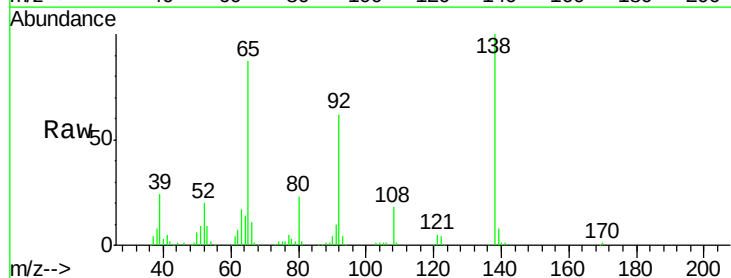
Manual Integrations
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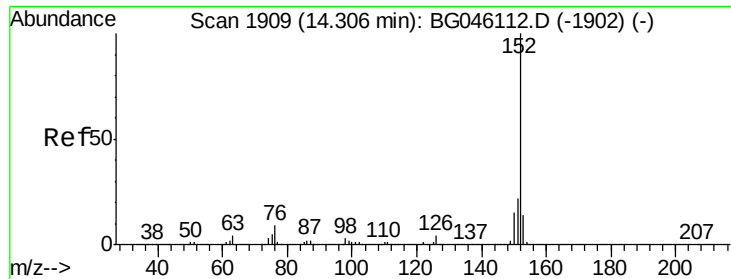
mohammad
8/5/2020 10:25:53 AM



#48
2-Nitroaniline
Concen: 44.120 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	164783		
92	70.4	57.4	86.2	
138	114.4	91.1	136.7	





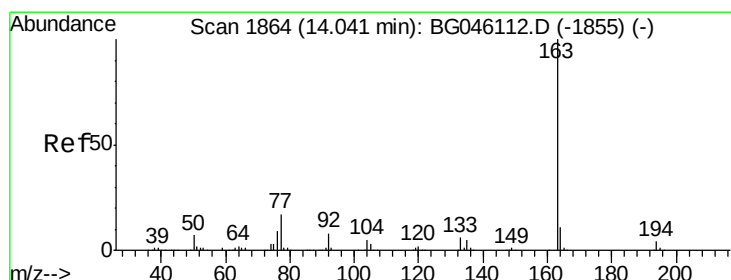
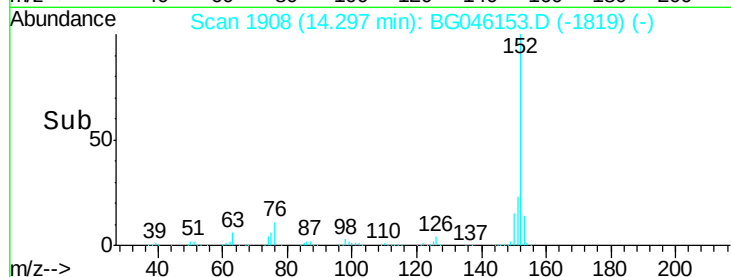
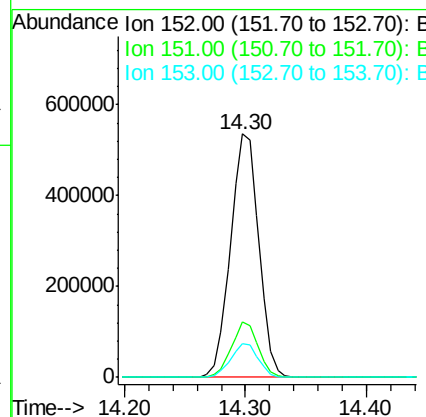
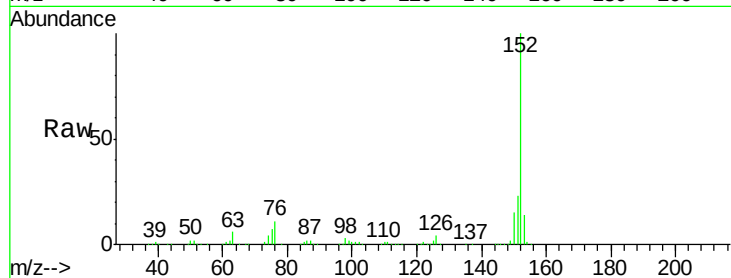
#49
Acenaphthylene
Concen: 39.241 ng
RT: 14.30 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.4	26.2
153	14.0	10.9	16.3

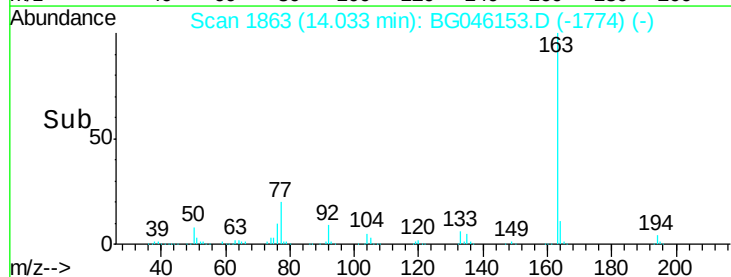
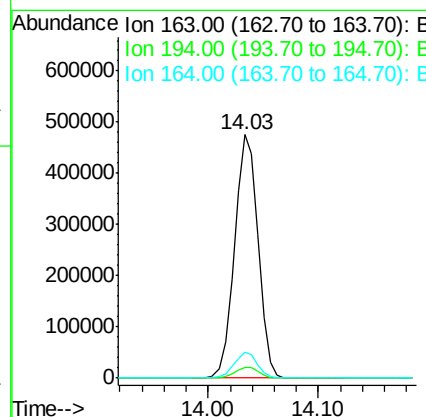
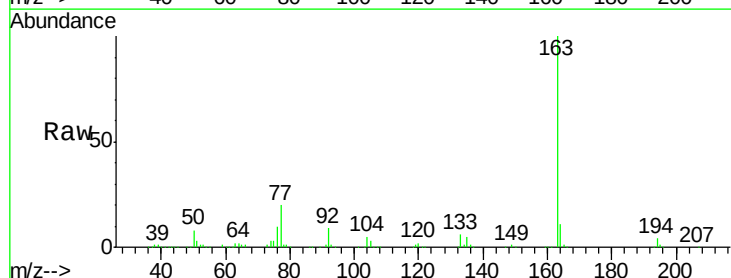
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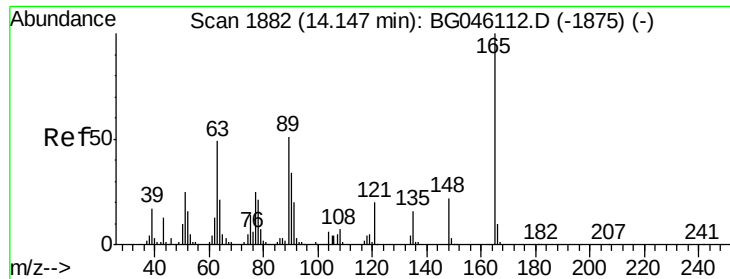
mohammad
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#50
Dimethylphthalate
Concen: 40.525 ng
RT: 14.03 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	11.0	8.8	13.2





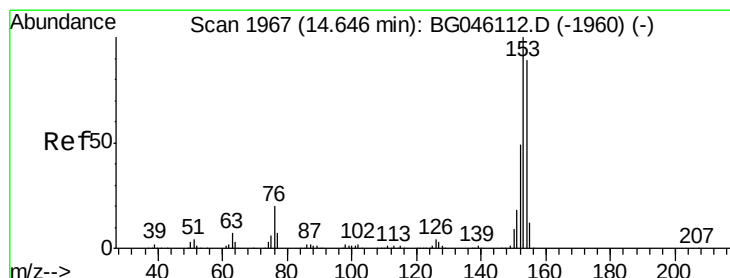
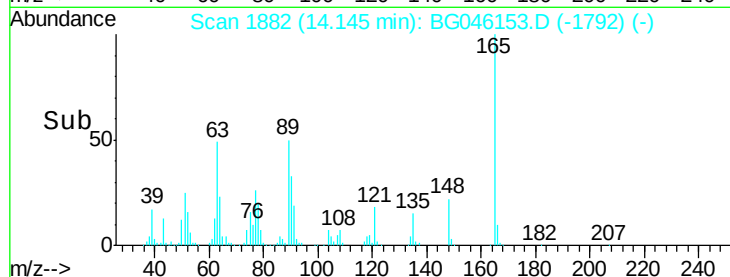
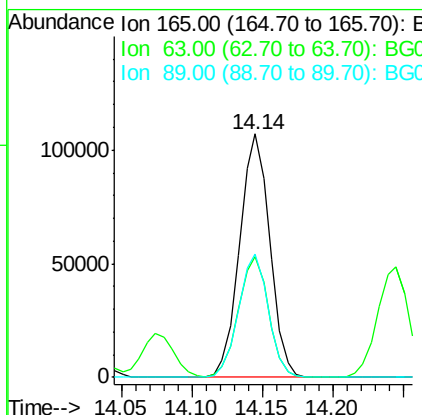
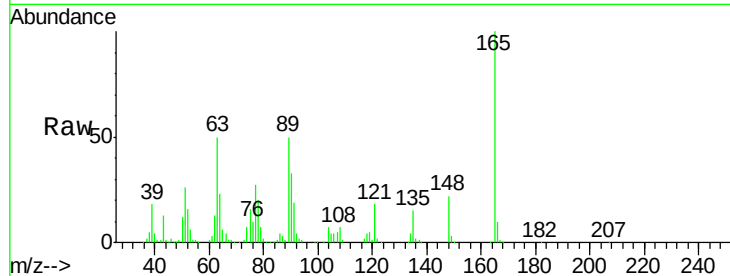
#51
 2,6-Dinitrotoluene
 Concen: 39.292 ng
 RT: 14.14 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	159818		
63	49.6	39.7	59.5	
89	50.5	41.0	61.6	

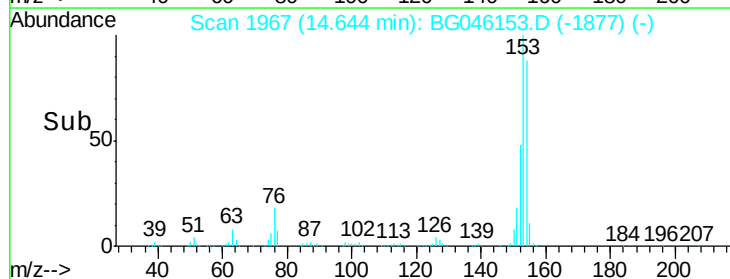
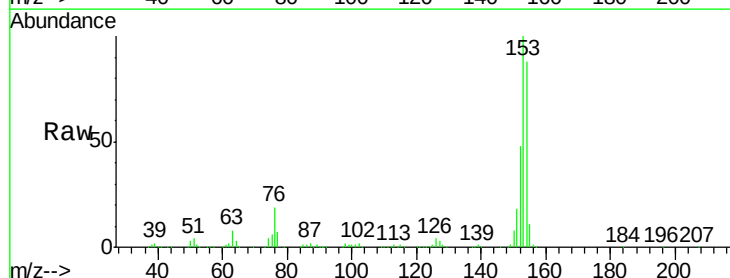
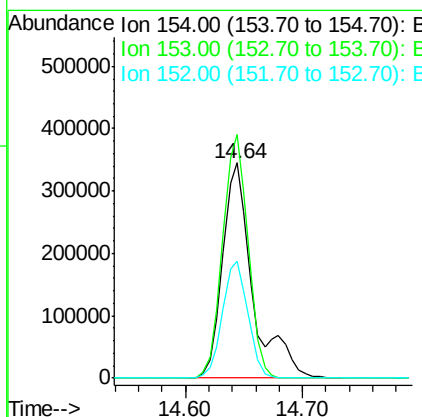
Manual Integrations
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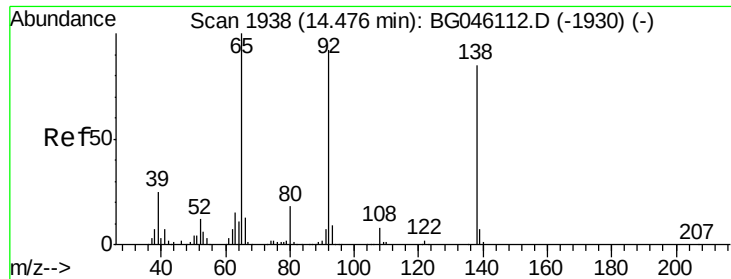
mohammad
 8/5/2020 10:25:53 AM



#52
 Acenaphthene
 Concen: 42.626 ng m
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	622454		
153	113.3	89.8	134.8	
152	54.6	44.5	66.7	





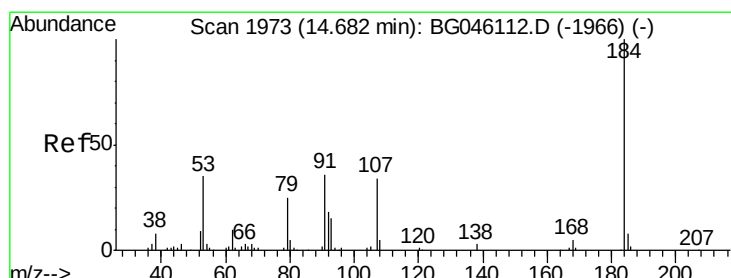
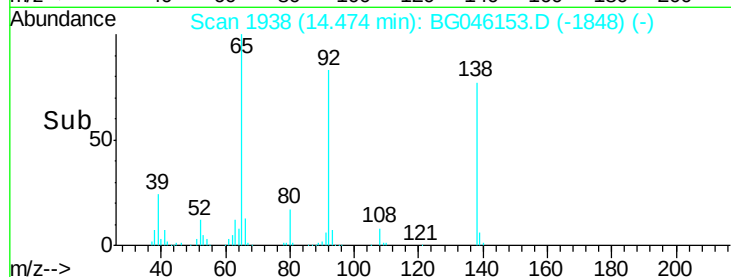
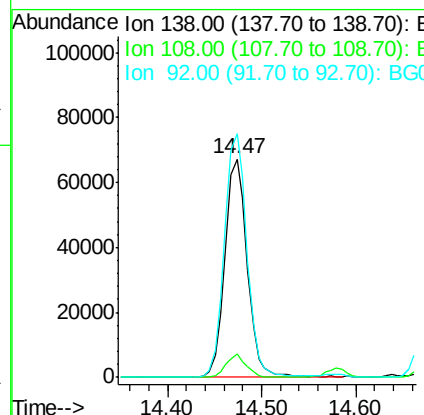
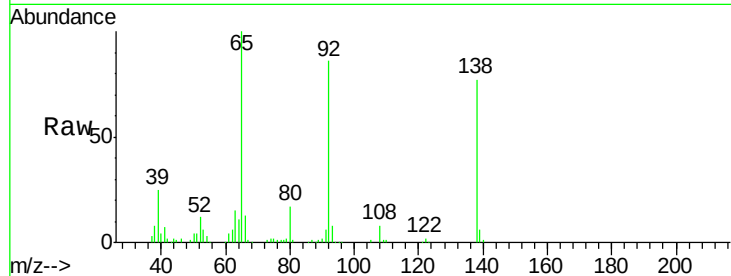
#53
3-Nitroaniline
Concen: 27.782 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	7.2	10.8#
92	111.4	87.5	131.3

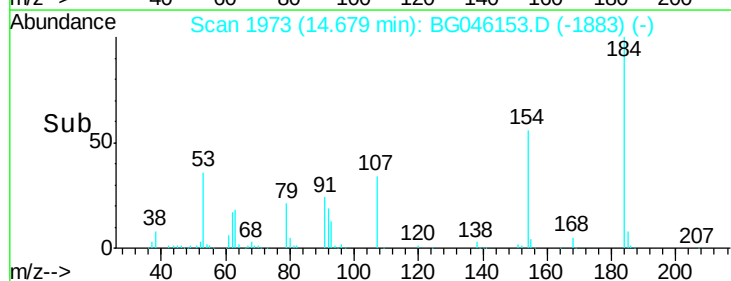
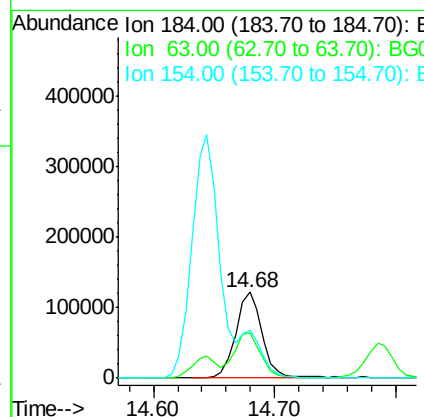
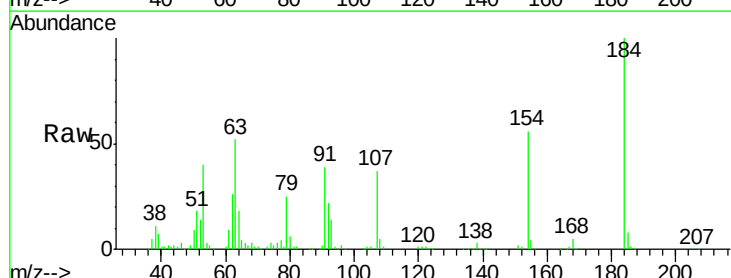
Manual Integrations
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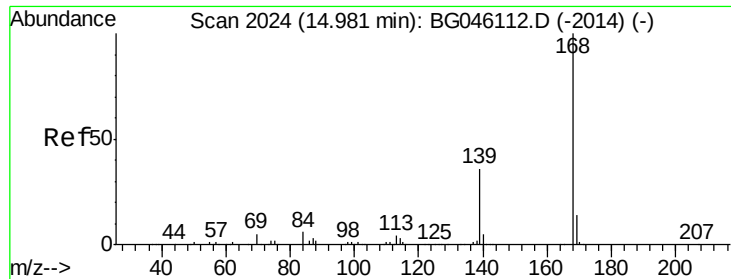
mohammad
8/5/2020 10:25:53 AM



#54
2,4-Dinitrophenol
Concen: 73.188 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.0	36.7	55.1
154	55.7	41.3	61.9





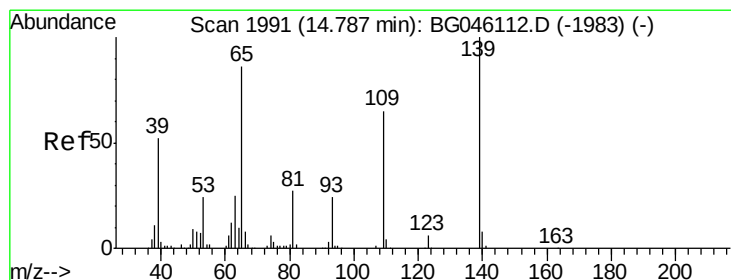
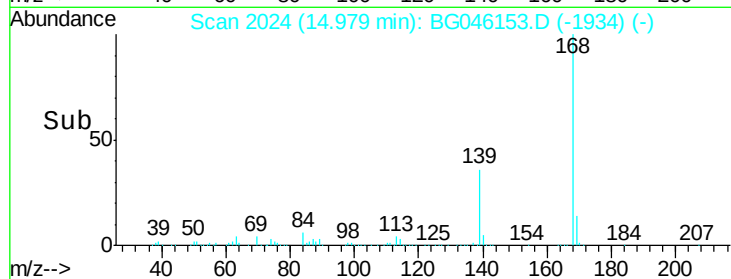
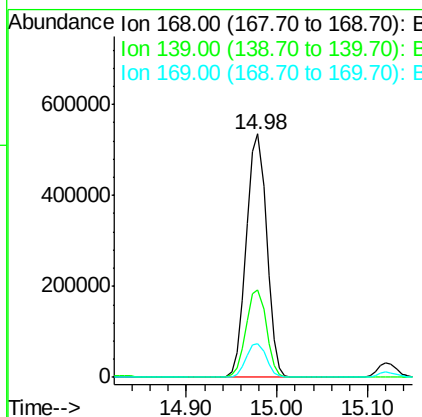
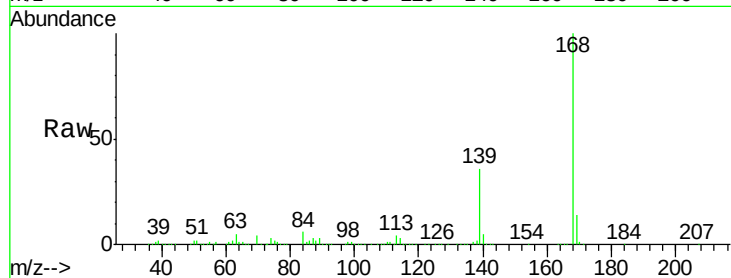
#55
Dibenzenofuran
Concen: 37.838 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	833731		
139	36.0	29.0	43.4	
169	14.1	11.3	16.9	

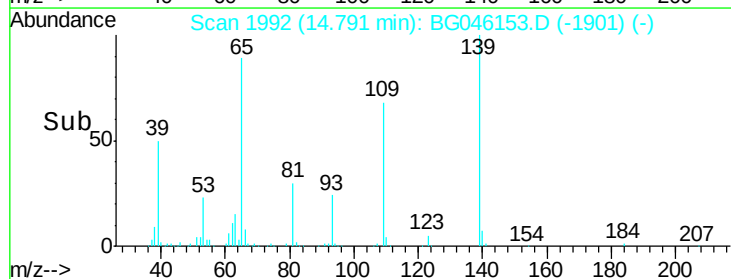
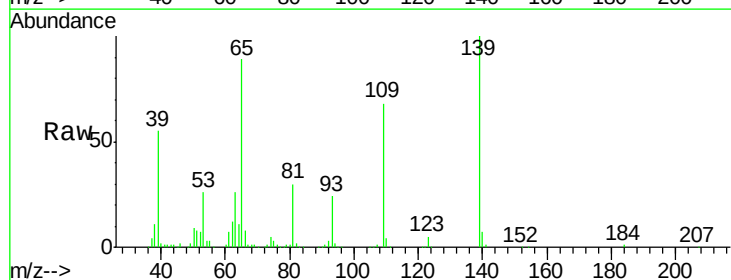
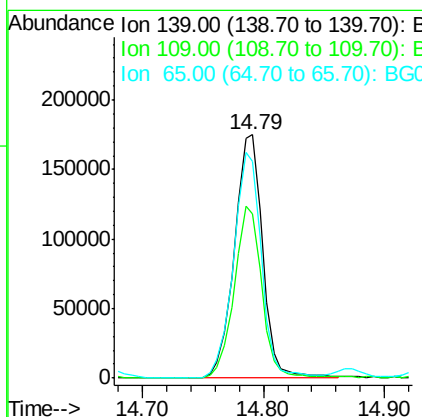
Manual Integrations
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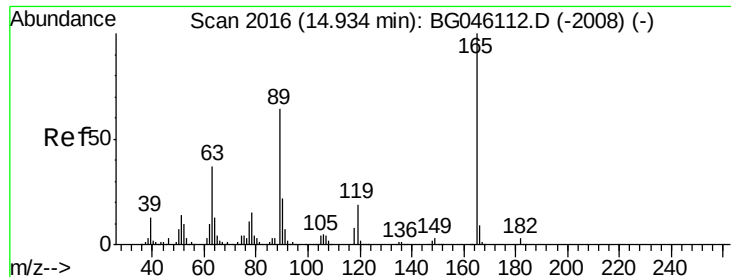
mohammad
8/5/2020 10:25:53 AM



#56
4-Nitrophenol
Concen: 81.847 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	286544		
109	67.6	45.1	85.1	
65	89.2	66.4	106.4	





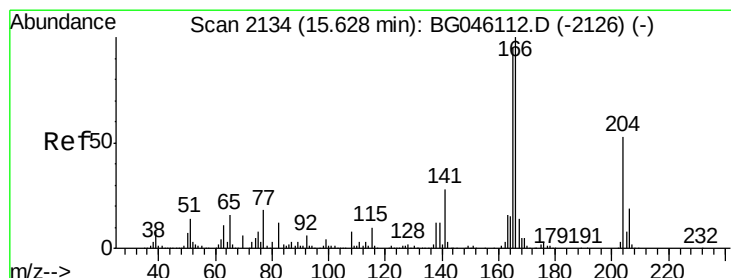
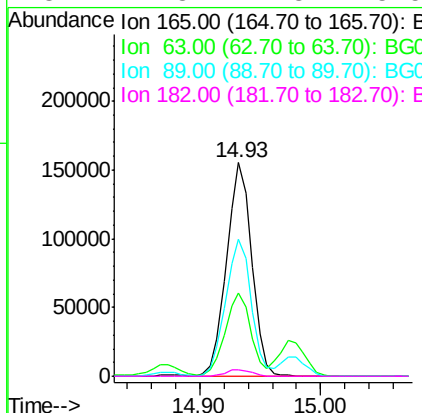
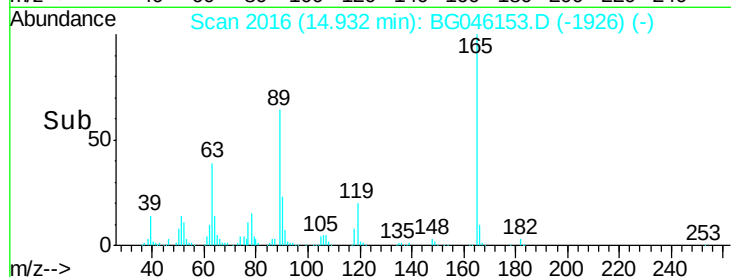
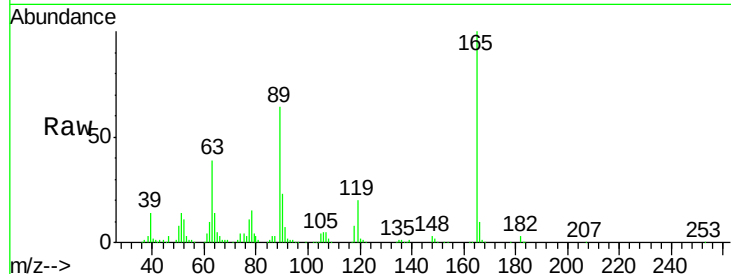
#57
2,4-Dinitrotoluene
Concen: 40.190 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion:	165	Resp:	224759
Ion Ratio	Lower	Upper	
165	100		
63	38.7	30.1	45.1
89	64.2	51.4	77.2
182	2.8	2.3	3.5

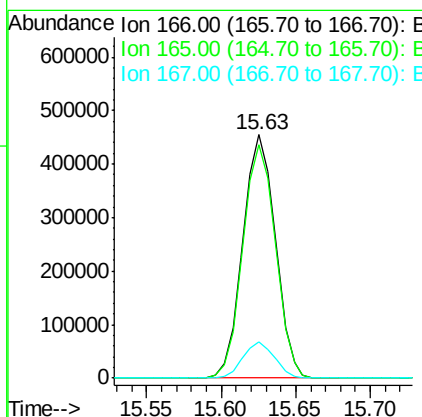
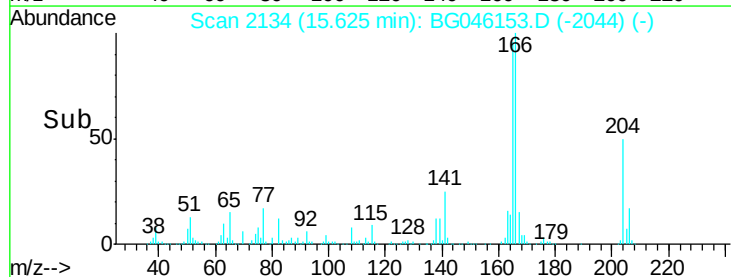
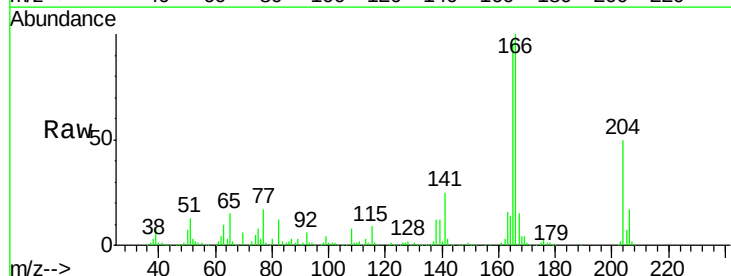
Manual Integrations
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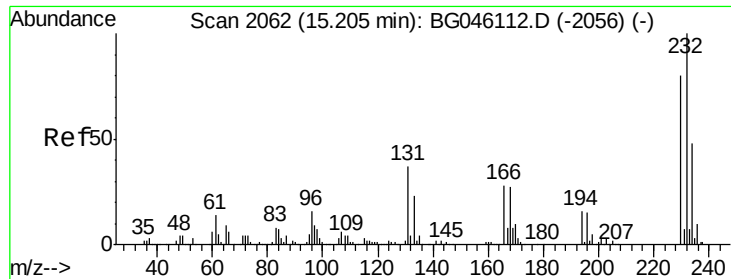
mohammad
8/5/2020 10:25:53 AM



#58
Fluorene
Concen: 38.475 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion:	166	Resp:	686554
Ion Ratio	Lower	Upper	
166	100		
165	95.9	76.3	114.5
167	15.0	11.0	16.6





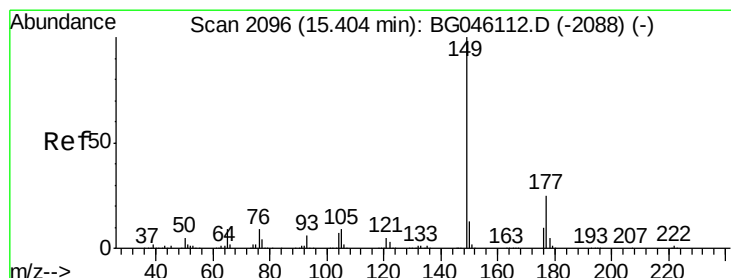
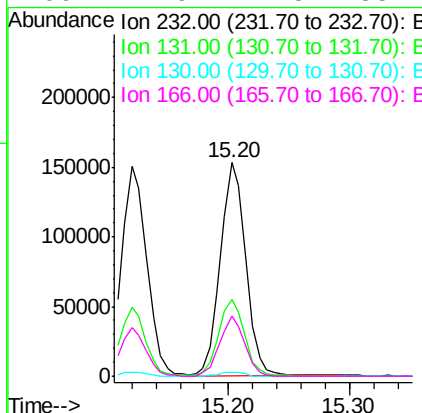
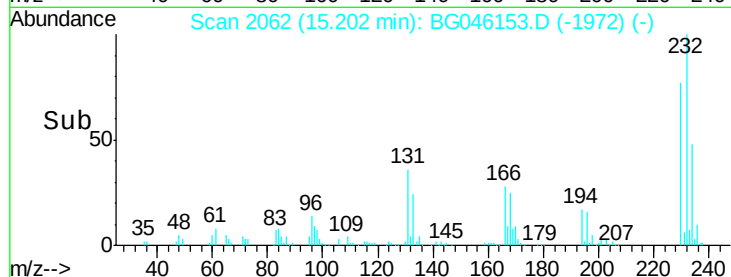
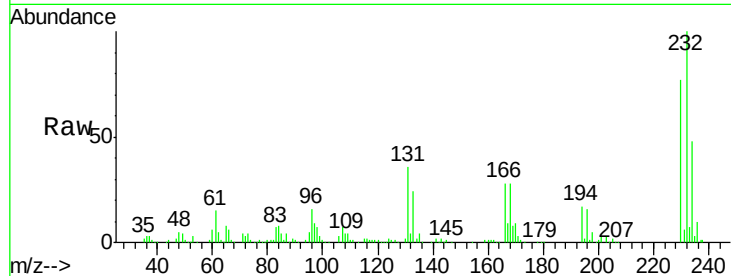
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.493 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	223212		
131	36.4	28.6	42.8	
130	2.0	1.6	2.4	
166	27.9	22.5	33.7	

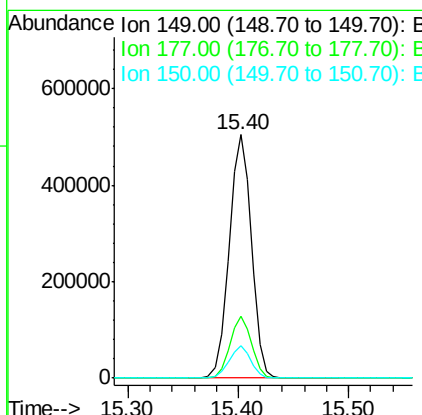
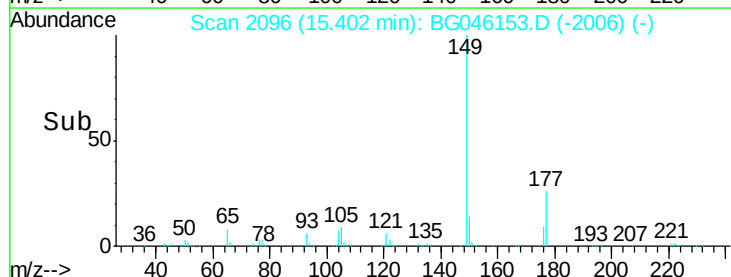
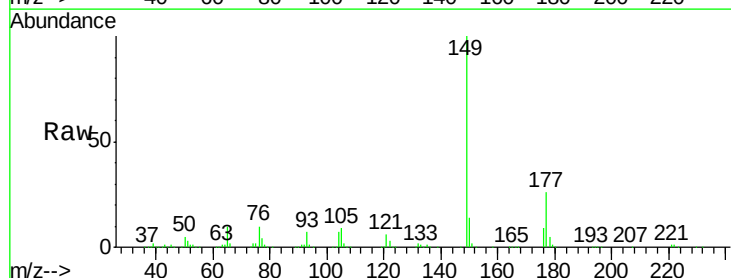
Manual Integrations
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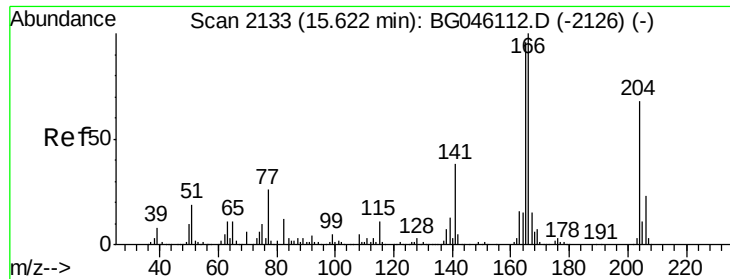
mohammad
 8/5/2020 10:25:53 AM



#60
 Diethylphthalate
 Concen: 41.198 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	708298		
177	25.5	19.7	29.5	
150	13.5	10.8	16.2	





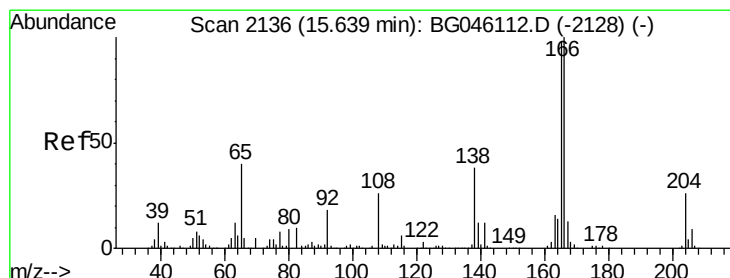
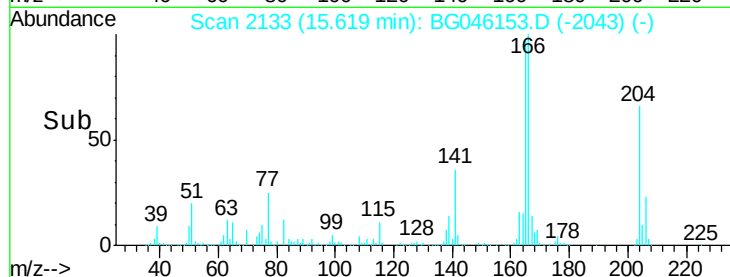
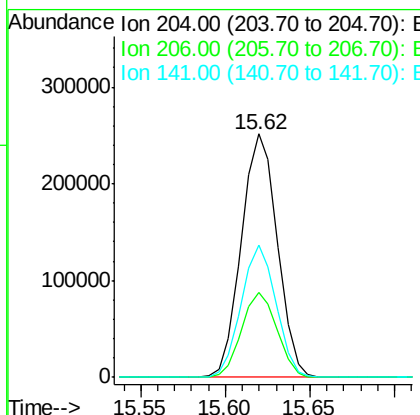
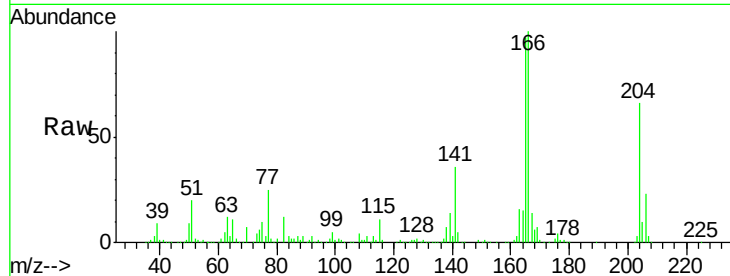
#61
 4-Chlorophenyl-phenylether
 Concen: 39.940 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	372237		
206	34.9	27.7	41.5	
141	54.1	44.7	67.1	

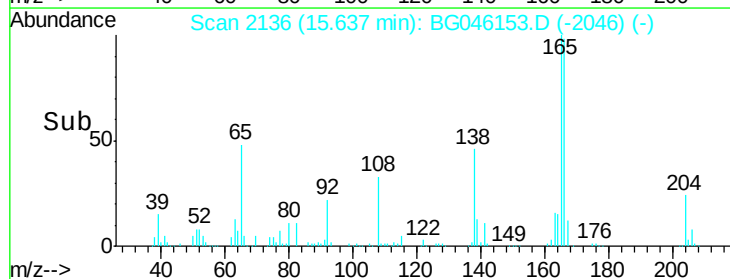
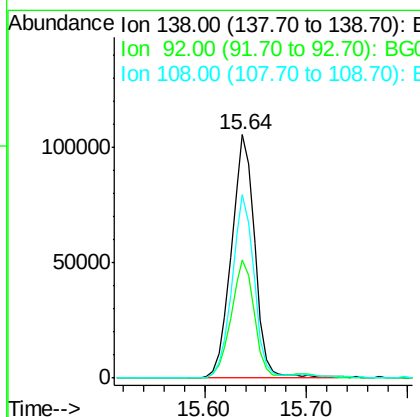
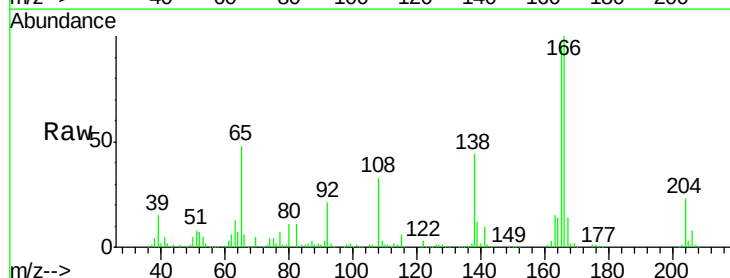
Manual Integrations
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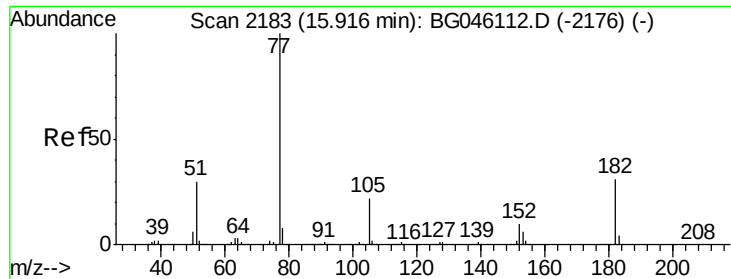
mohammad
 8/5/2020 10:25:53 AM



#62
 4-Nitroaniline
 Concen: 41.910 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

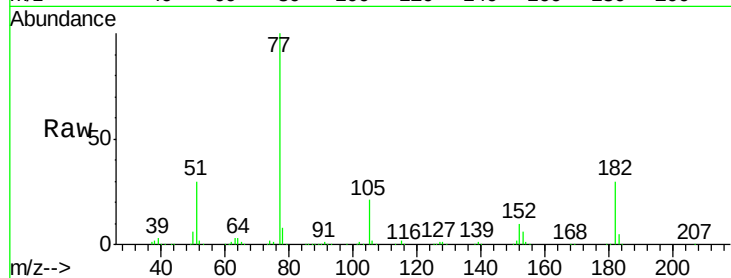
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	169968		
92	48.6	28.3	68.3	
108	75.1	49.2	89.2	





#63
Azobenzene
Concen: 40.017 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

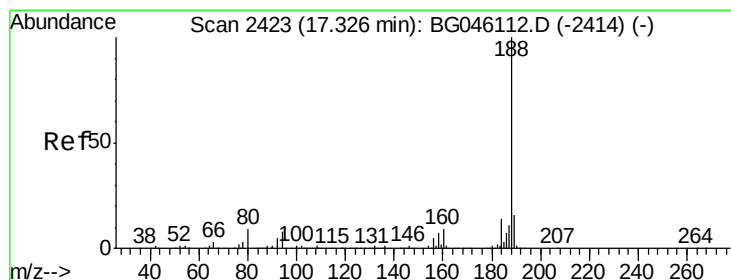
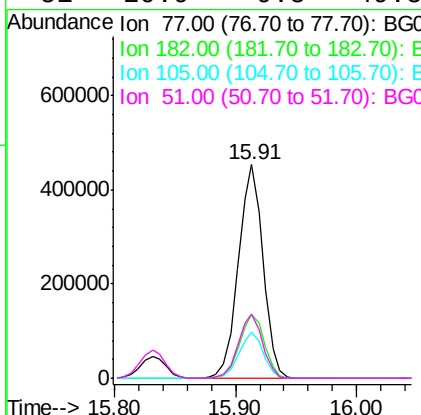
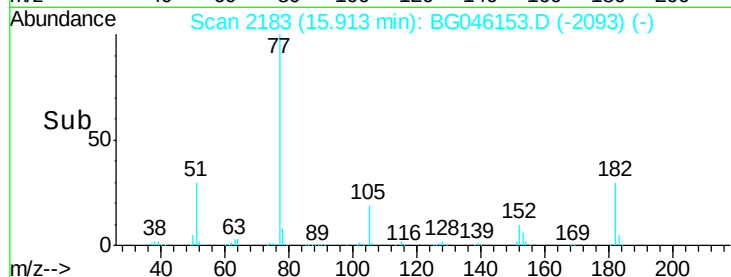
Instrument :
BNA_G
ClientSampleId :
PB130683BS



Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.1	10.7	50.7
105	21.4	1.9	41.9
51	29.9	9.5	49.5

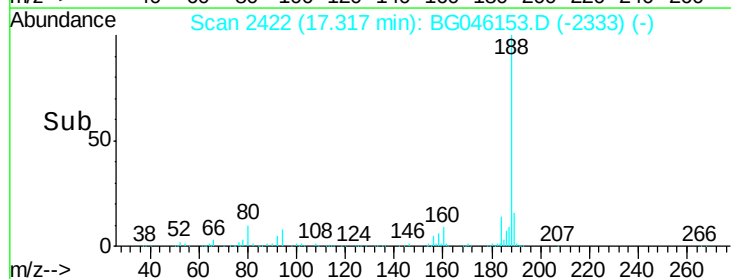
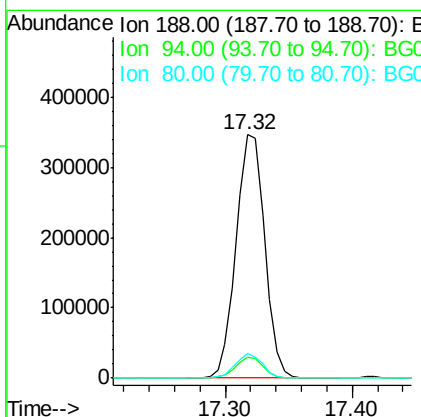
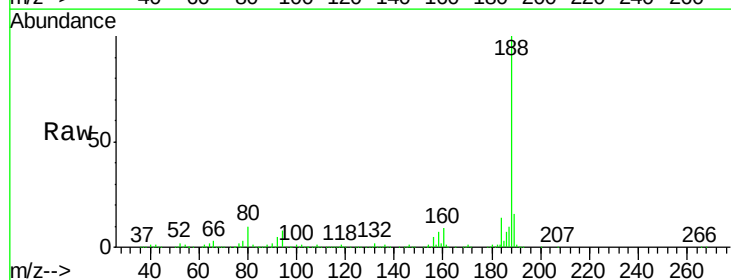
Manual Integrations
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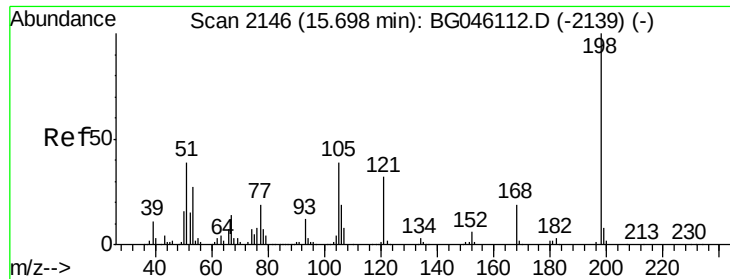
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.4	9.6
80	10.2	7.4	11.0





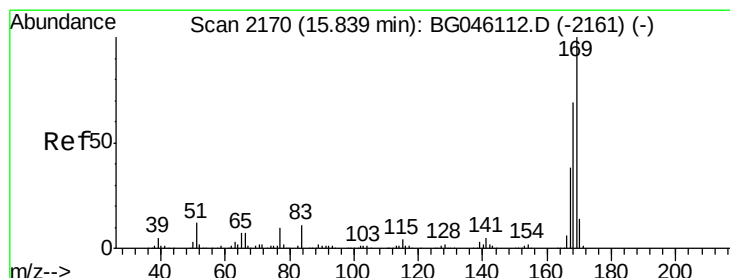
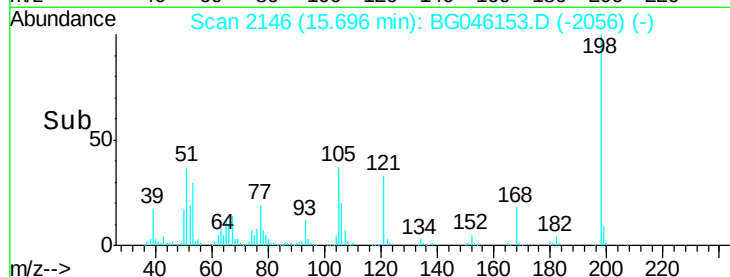
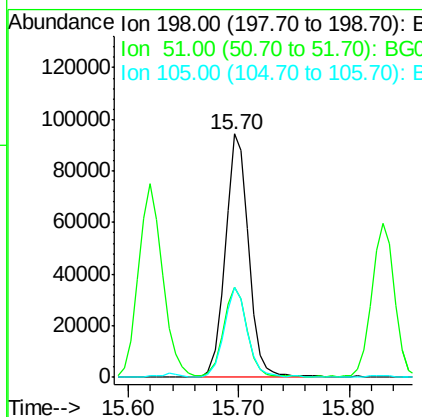
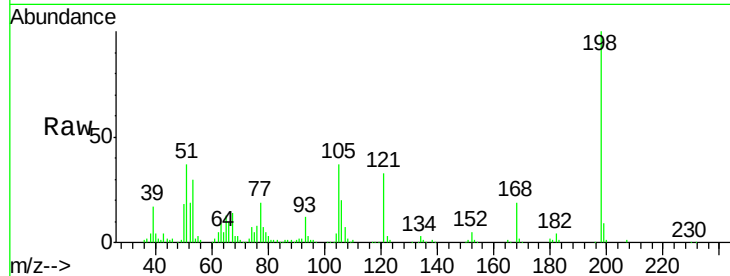
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.762 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	138929		
51	37.2	20.1	60.1	
105	37.0	19.2	59.2	

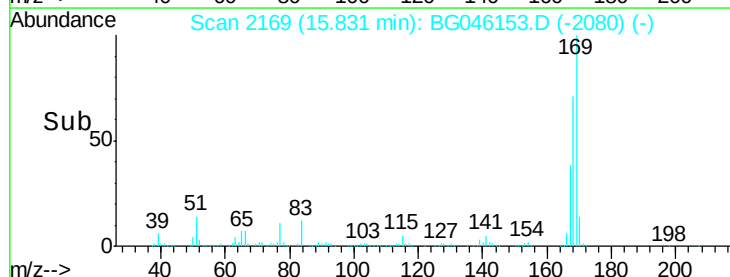
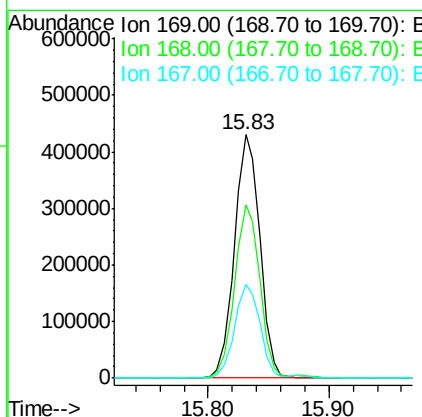
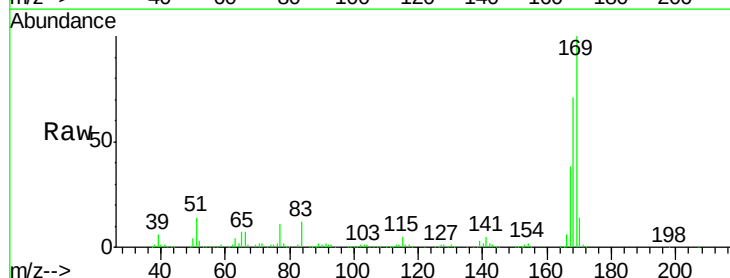
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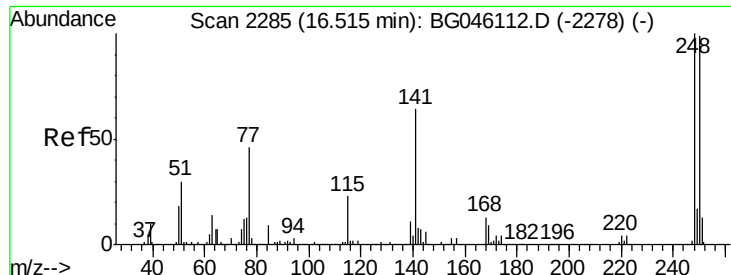
mohammad
 8/5/2020 10:25:53 AM



#66
 n-Nitrosodiphenylamine
 Concen: 38.508 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	631706		
168	70.9	55.1	82.7	
167	38.4	30.5	45.7	





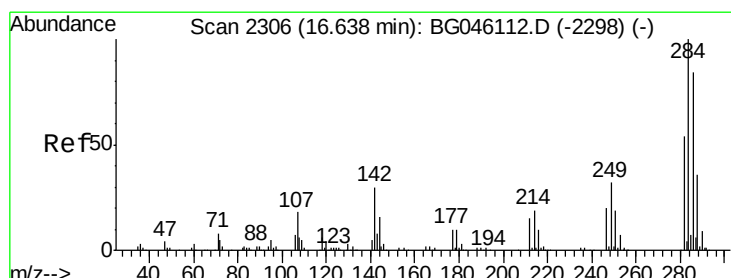
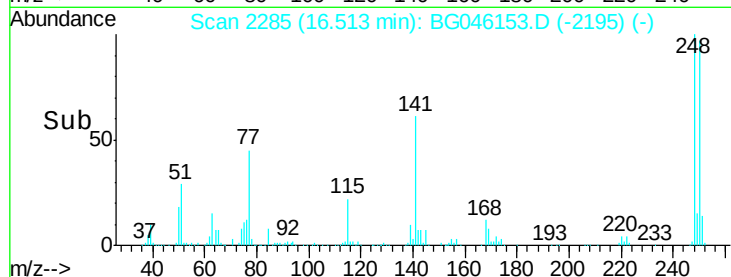
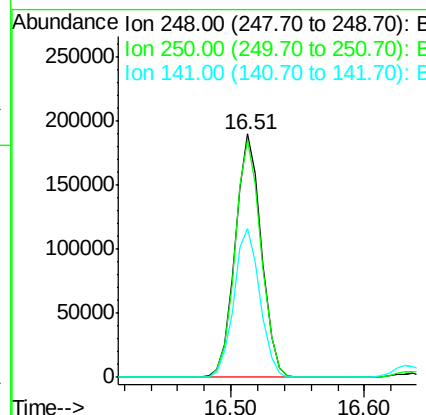
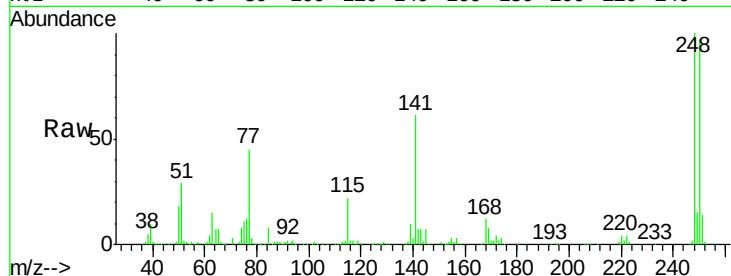
#67
 4-Bromophenyl-phenylether
 Concen: 38.702 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	259123		
250	97.4	79.4	119.0	
141	61.4	50.9	76.3	

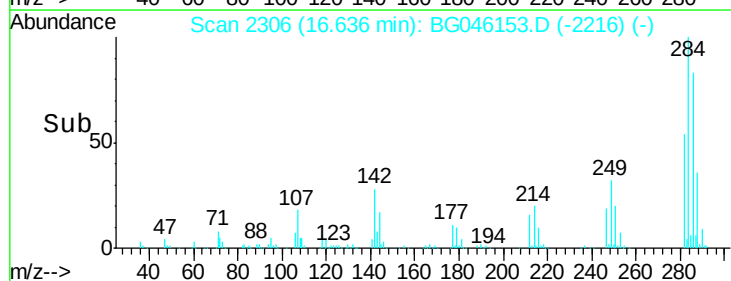
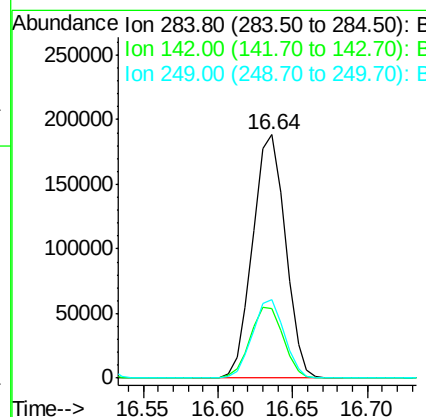
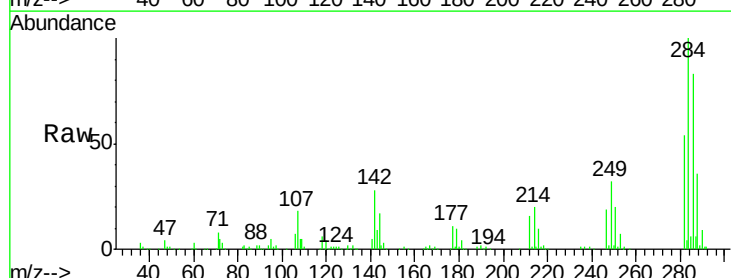
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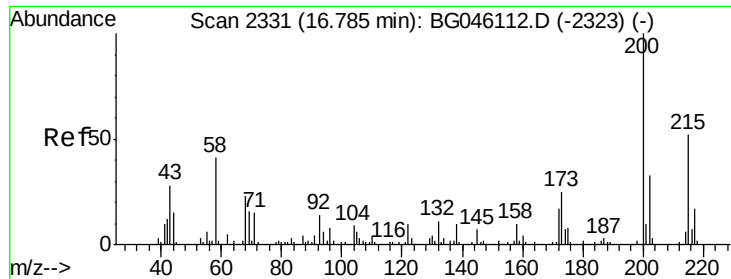
mohammad
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#68
 Hexachlorobenzene
 Concen: 37.934 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	284788		
142	28.5	23.6	35.4	
249	32.4	25.3	37.9	





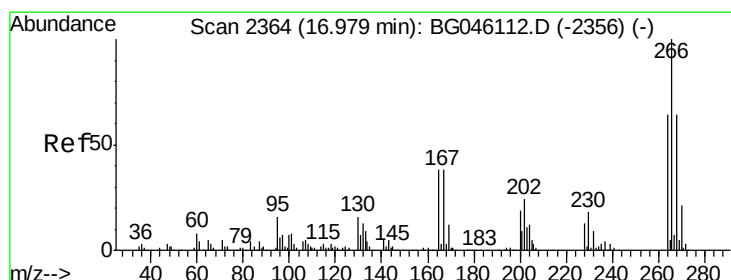
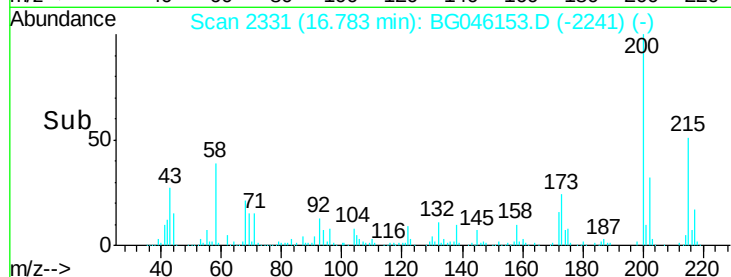
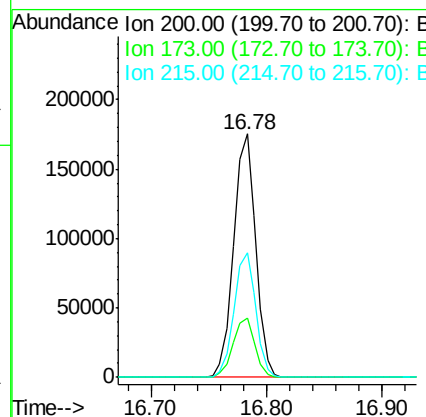
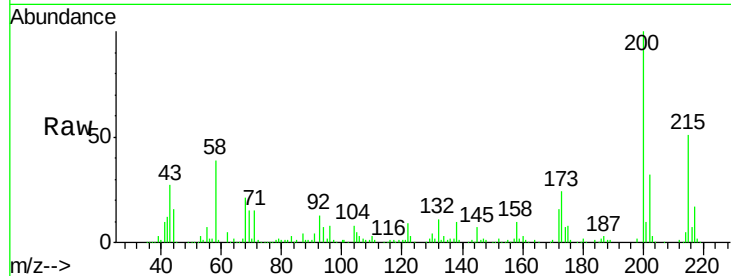
#69
 Atrazine
 Concen: 36.616 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	231298		
173	24.4	5.3	45.3	
215	50.9	31.5	71.5	

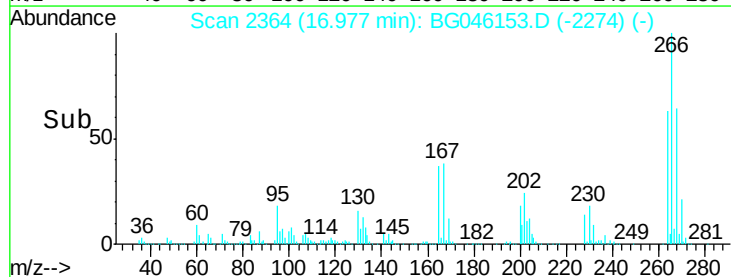
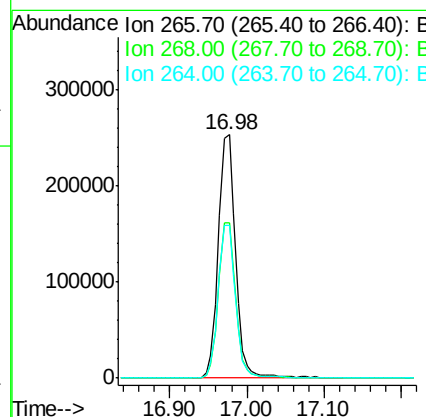
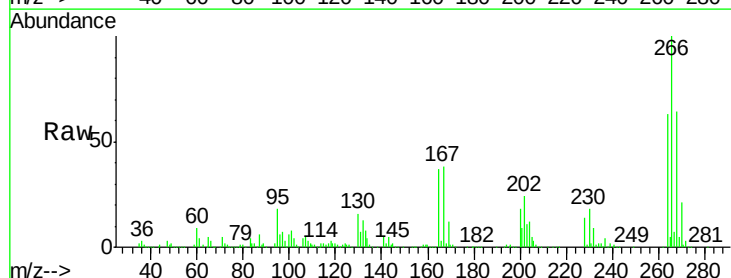
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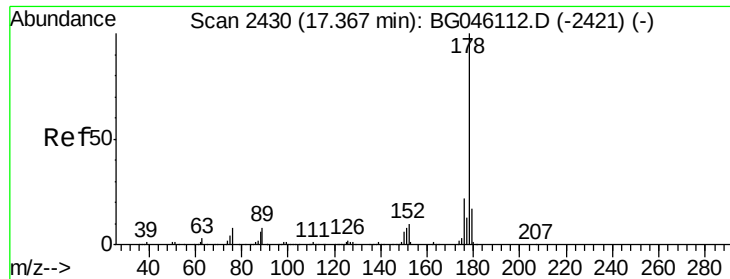
mohammad
 8/5/2020 10:25:53 AM



#70
 Pentachlorophenol
 Concen: 79.944 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	389421		
268	63.7	51.2	76.8	
264	62.6	51.1	76.7	





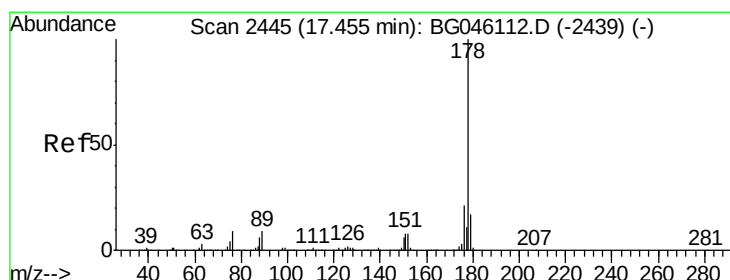
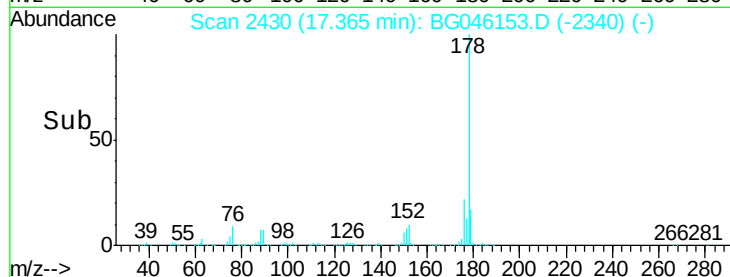
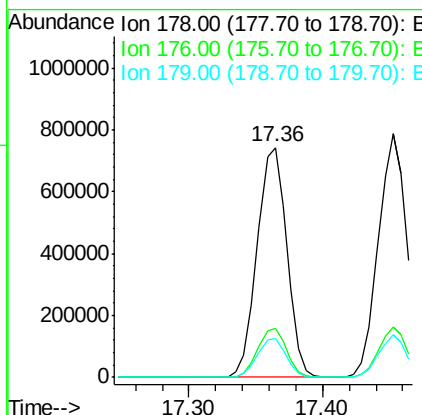
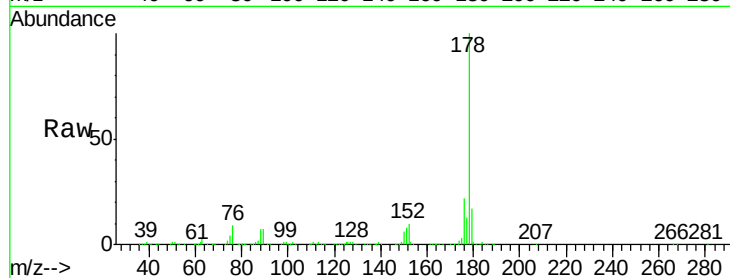
#71
Phenanthrene
Concen: 38.303 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion:178 Resp: 1137078
Ion Ratio Lower Upper
178 100
176 21.5 17.3 25.9
179 16.9 13.8 20.6

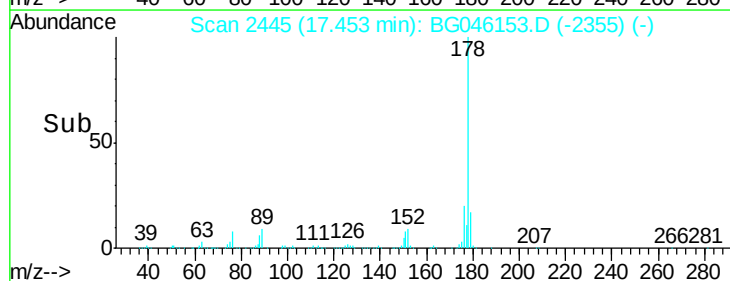
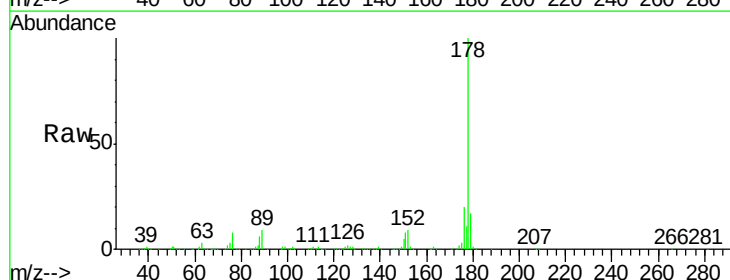
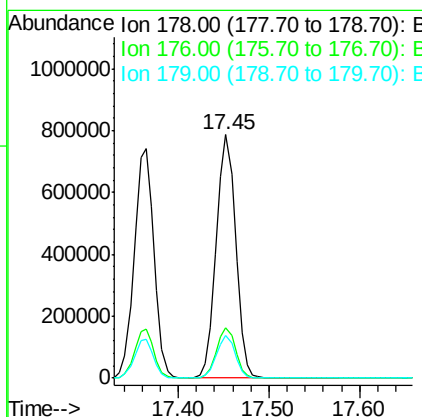
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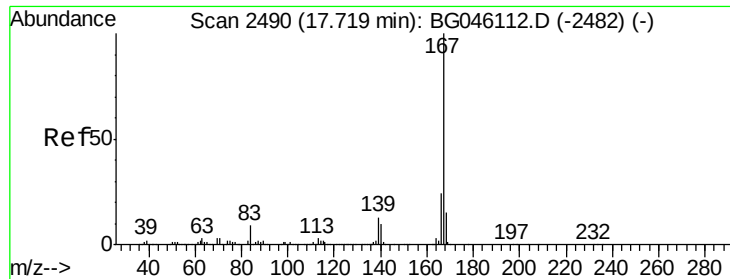
mohammad
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#72
Anthracene
Concen: 39.595 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion:178 Resp: 1169195
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 17.3 13.4 20.2





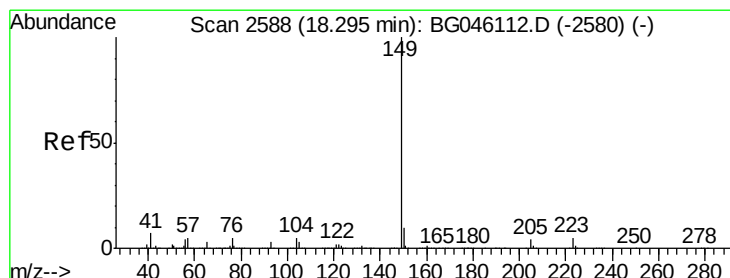
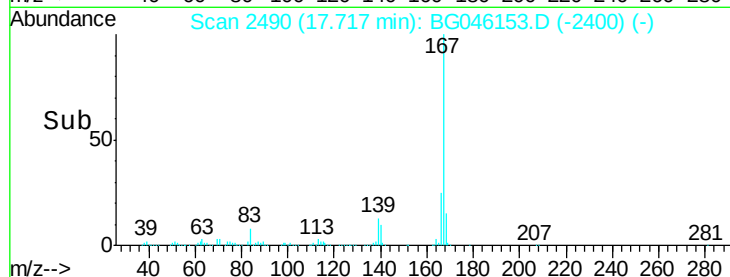
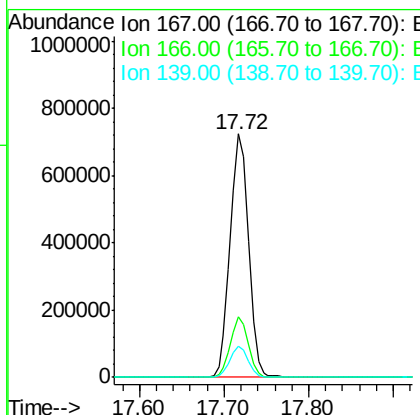
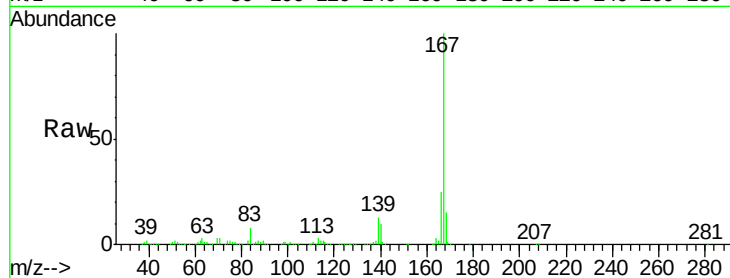
#73
 Carbazole
 Concen: 38.319 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.4	29.0
139	12.8	10.1	15.1

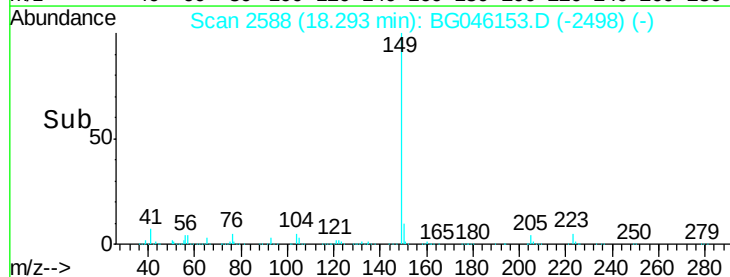
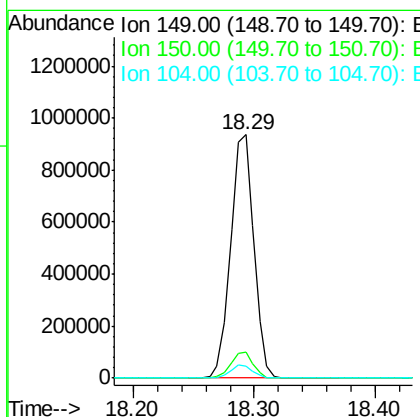
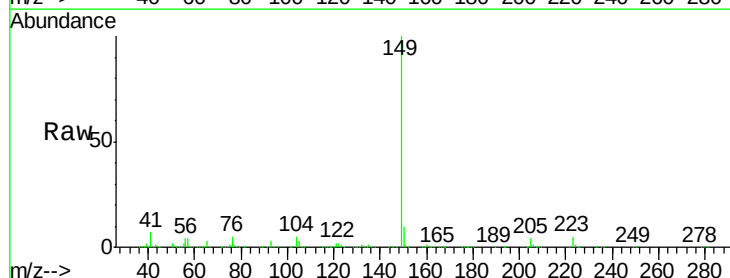
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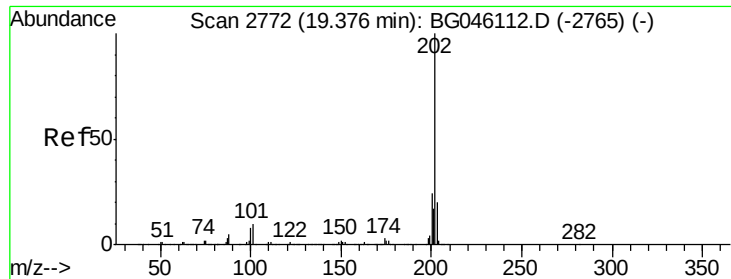
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.002 ng
 RT: 18.29 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.4	12.6
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 39.629 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

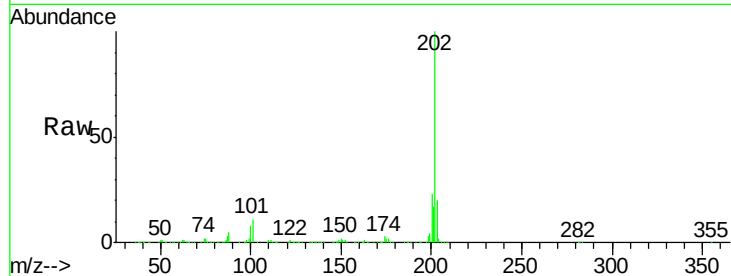
ClientSampleId :

PB130683BS

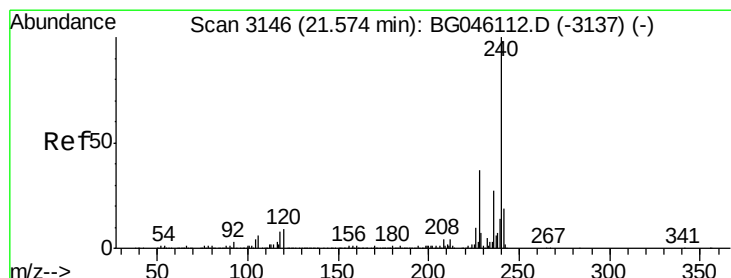
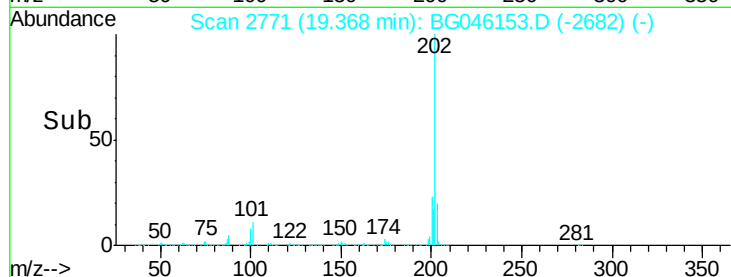
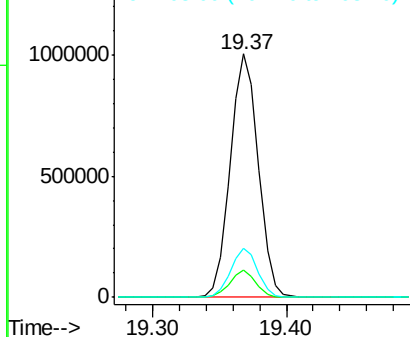
Tgt Ion:	202	Resp:	1468745
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	30.0
203	20.0	0.2	40.2

Manual Integrations
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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

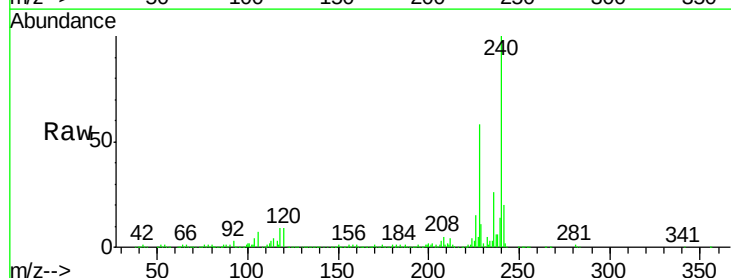
RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

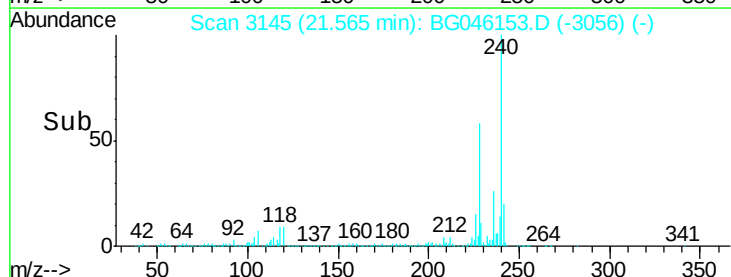
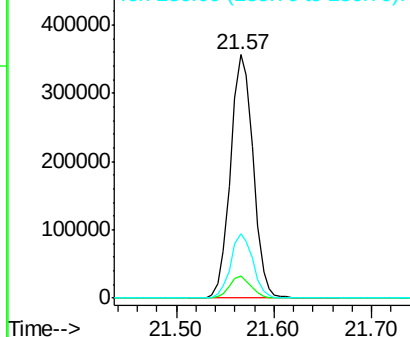
Lab File: BG046153.D

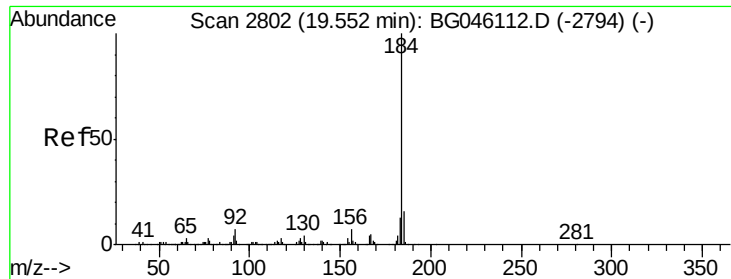
Acq: 3 Aug 2020 17:21

Tgt Ion:	240	Resp:	574908
Ion Ratio	Lower	Upper	
240	100		
120	9.0	7.1	10.7
236	26.4	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: 44.069 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

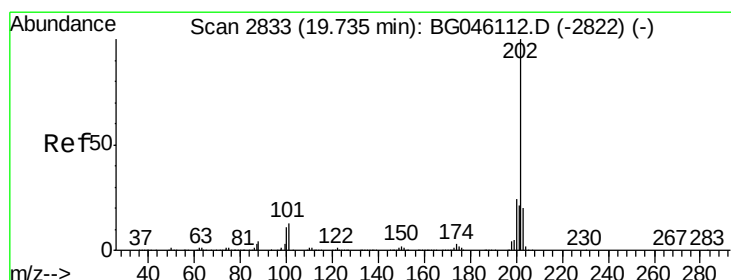
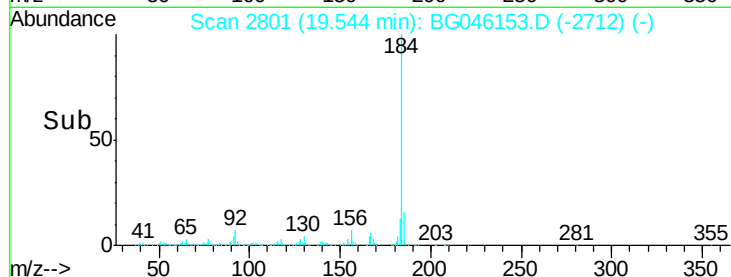
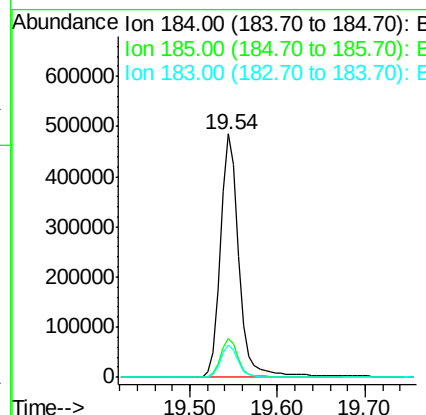
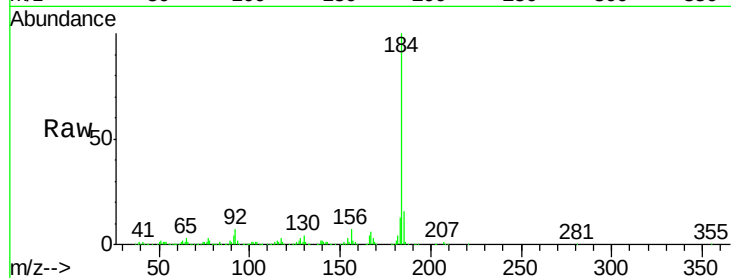
ClientSampleId :

PB130683BS

Tgt Ion:	184	Resp:	717656
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.0	19.4
183	13.1	10.5	15.7

Manual Integrations
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8/5/2020 10:25:53 AM



#78

Pyrene

Concen: 37.801 ng

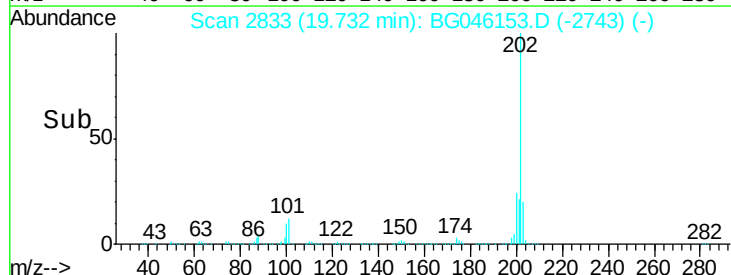
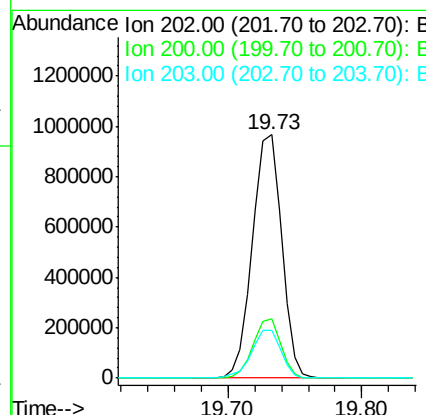
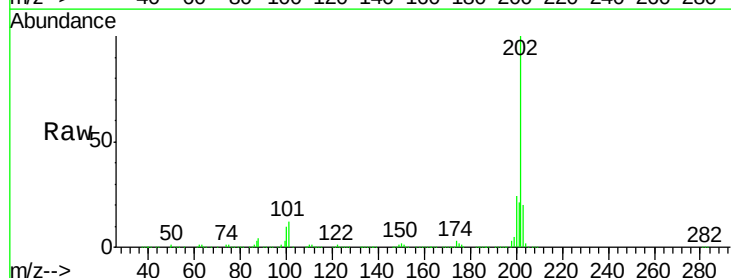
RT: 19.73 min Scan# 2833

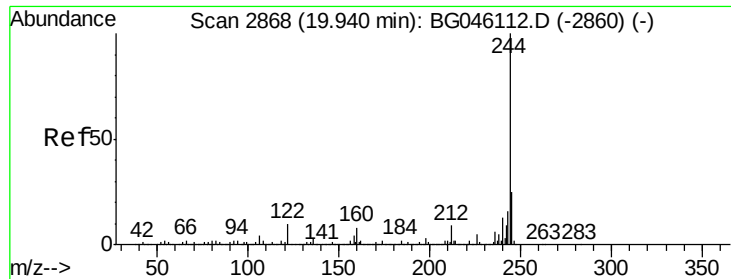
Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Tgt Ion:	202	Resp:	1460189
Ion Ratio	Lower	Upper	
202	100		
200	24.3	19.5	29.3
203	19.6	16.2	24.2





#79

Terphenyl-d14

Concen: 64.810 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

Tgt Ion:244 Resp: 1829484

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

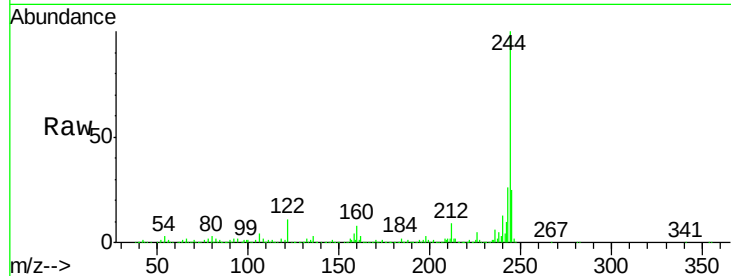
122 10.7 8.3 12.5

Manual Integrations

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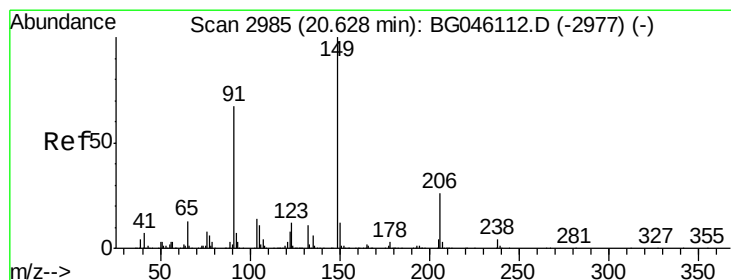
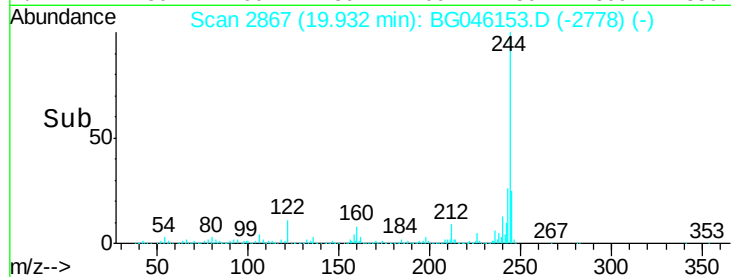
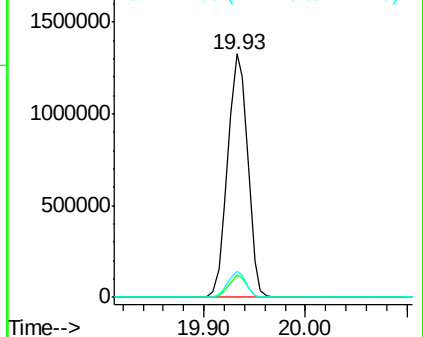
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.144 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

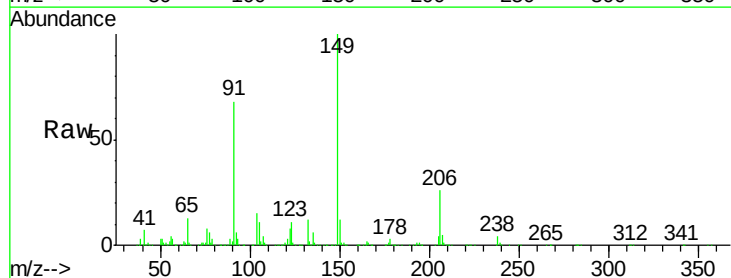
Tgt Ion:149 Resp: 589720

Ion Ratio Lower Upper

149 100

91 68.0 53.8 80.8

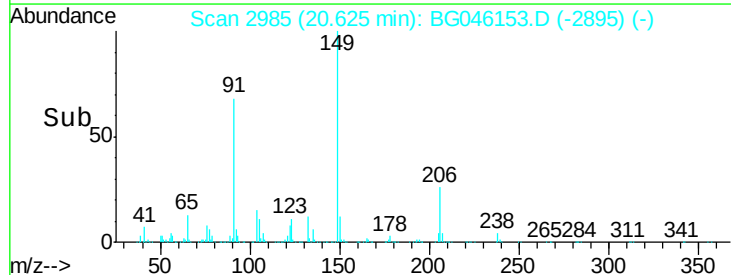
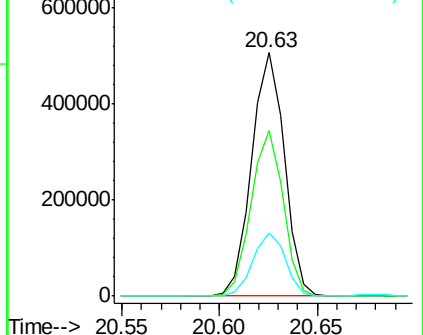
206 26.1 20.4 30.6

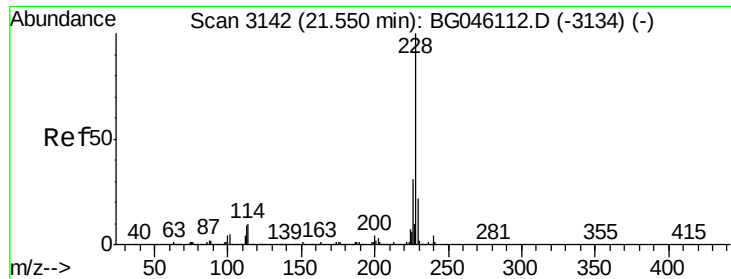


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





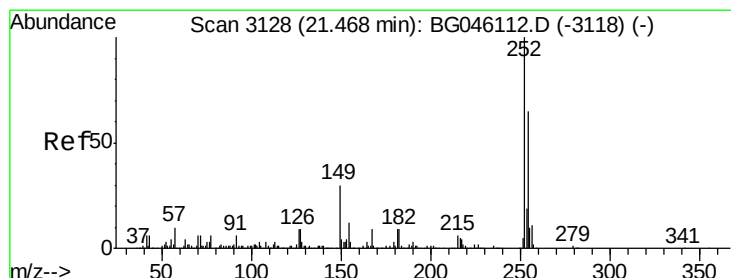
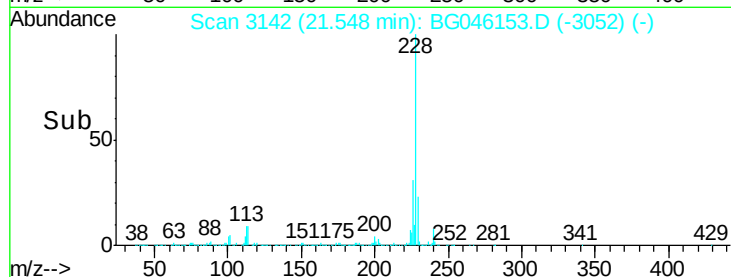
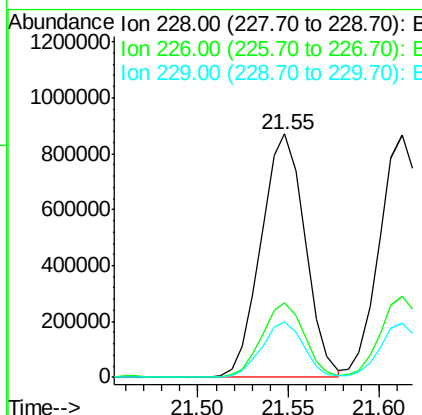
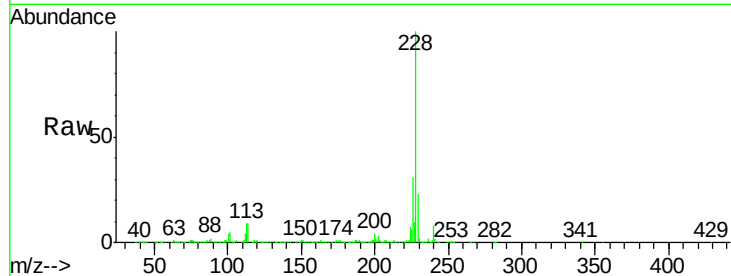
#81
Benzo(a)anthracene
Concen: 38.259 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampled :
PB130683BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	22.5	17.8	26.8

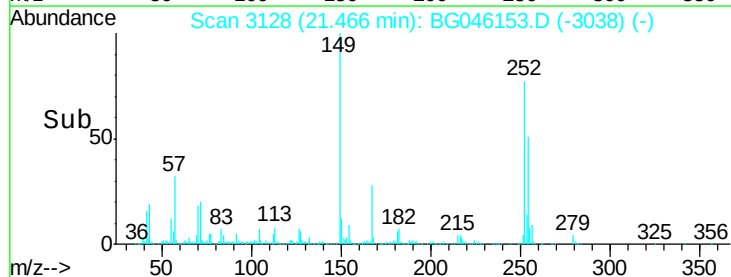
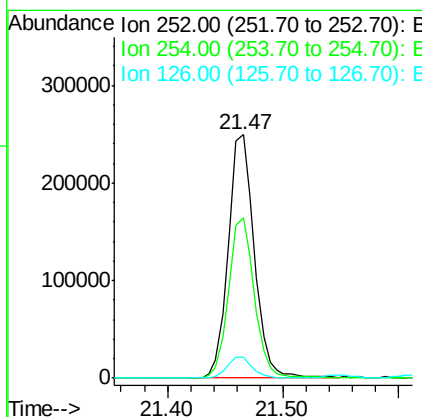
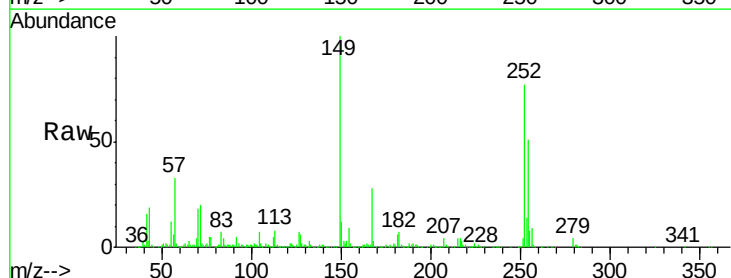
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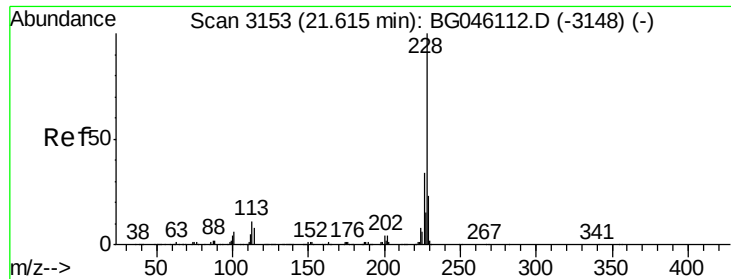
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 24.472 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.8	77.8
126	8.8	7.1	10.7





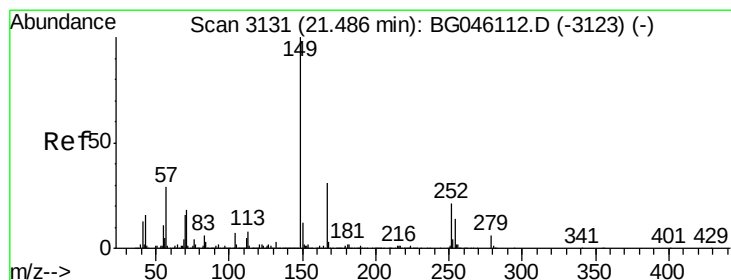
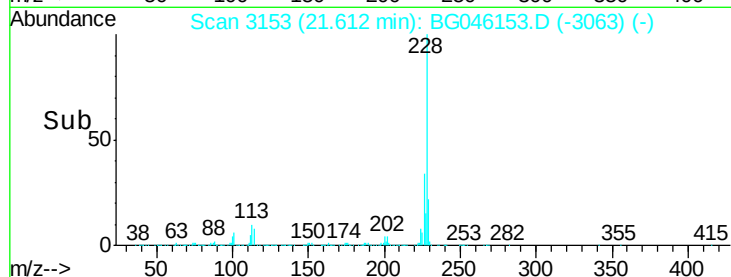
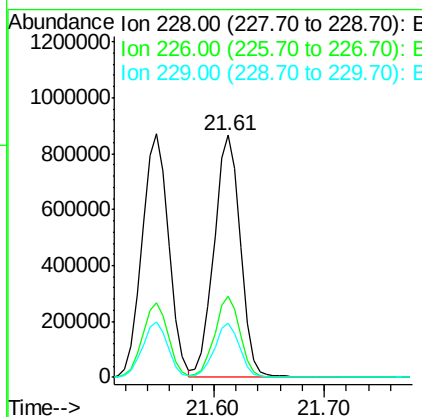
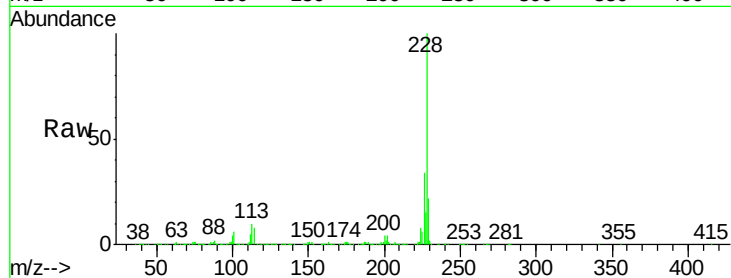
#83
Chrysene
 Concen: 37.708 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB130683BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.9	40.3
229	22.2	18.2	27.4

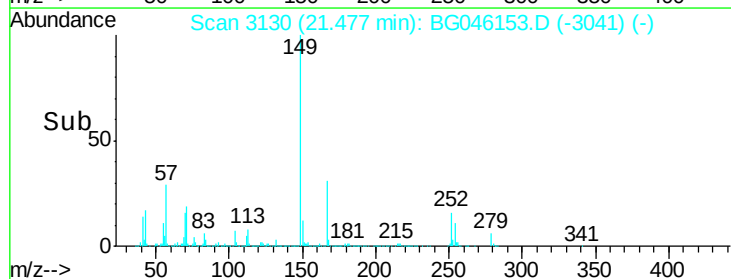
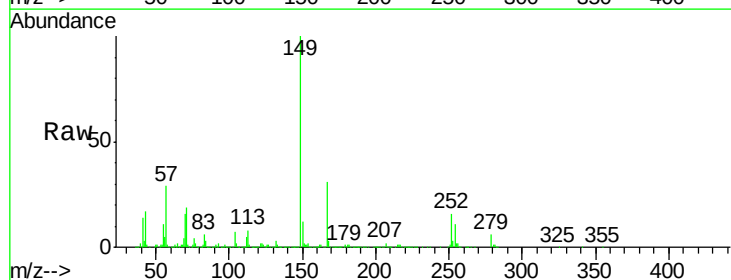
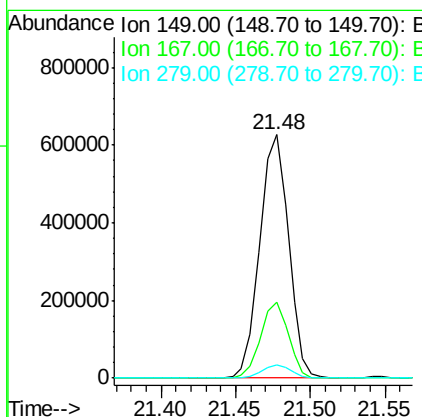
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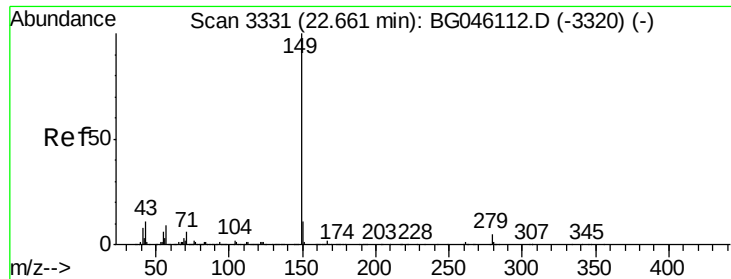
mohammad
 8/5/2020 10:25:53 AM



#84
Bis(2-ethylhexyl)phthalate
 Concen: 41.677 ng
 RT: 21.48 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG046153.D
 Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	24.8	37.2
279	5.7	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 42.470 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

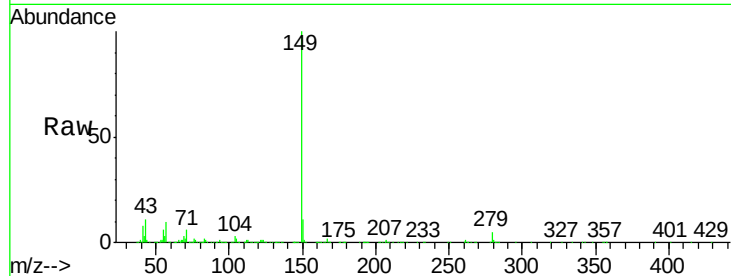
ClientSampleId :

PB130683BS

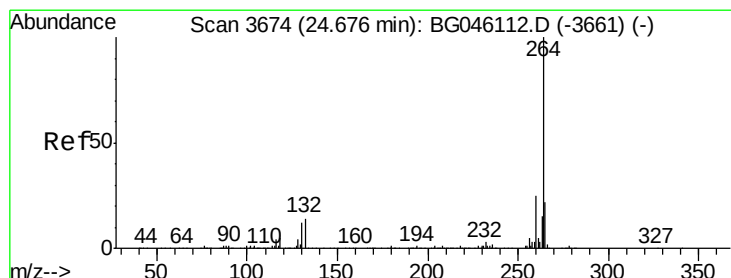
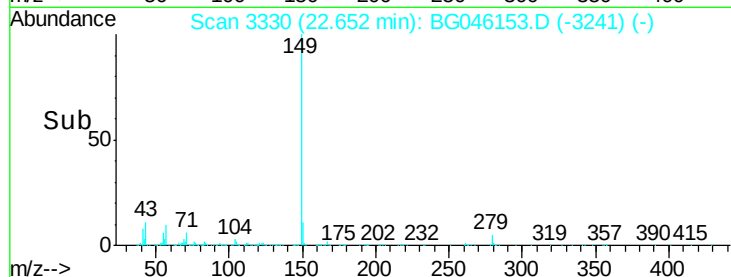
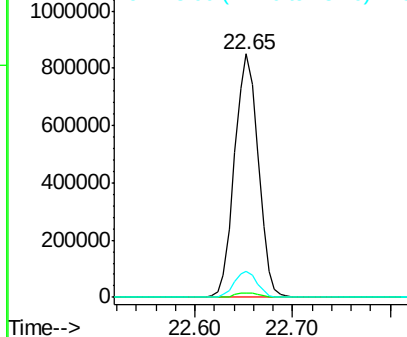
Tgt Ion:	149	Resp:	1438536
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	10.4	7.8	11.8

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



#86

Perylene-d12

Concen: 20.000 ng

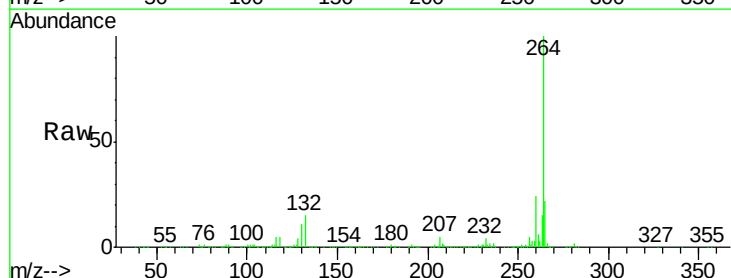
RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

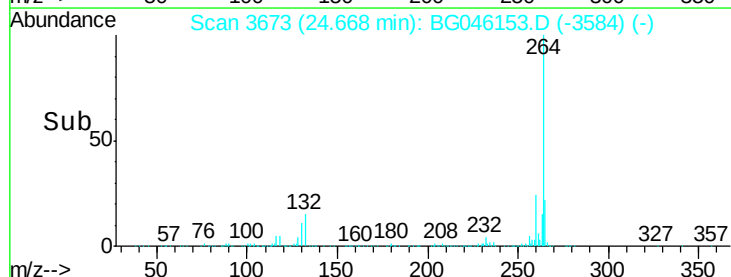
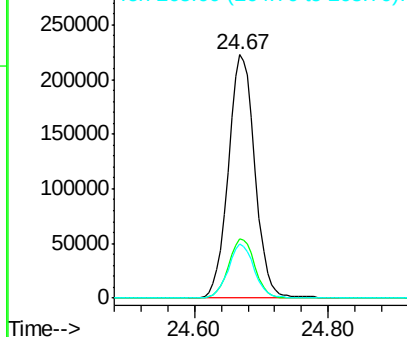
Lab File: BG046153.D

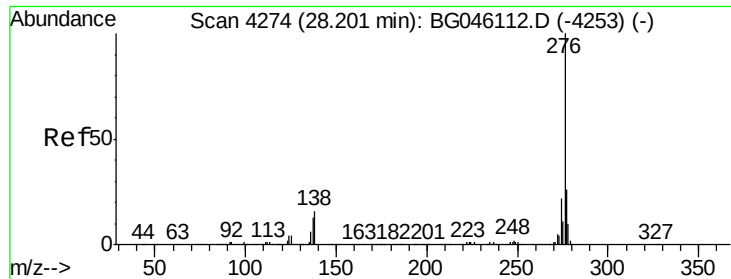
Acq: 3 Aug 2020 17:21

Tgt Ion:	264	Resp:	621180
Ion Ratio	Lower	Upper	
264	100		
260	24.3	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: 39.880 ng

RT: 28.19 min Scan# 4272

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB130683BS

Tgt Ion:276 Resp: 1889311

Ion Ratio Lower Upper

276 100

138 20.3 11.6 17.4#

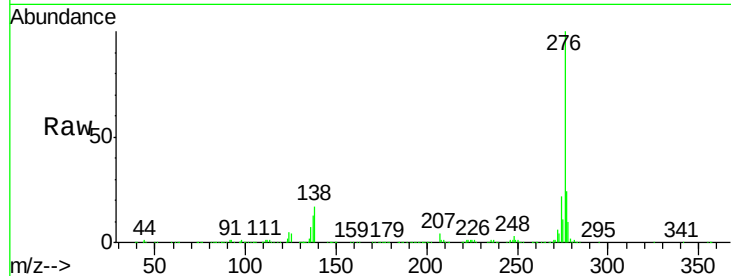
277 25.8 20.8 31.2

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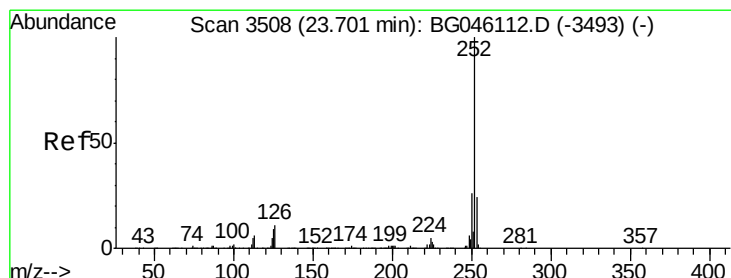
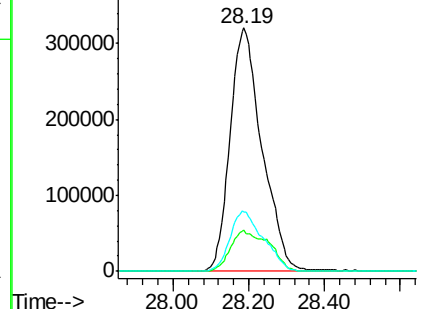
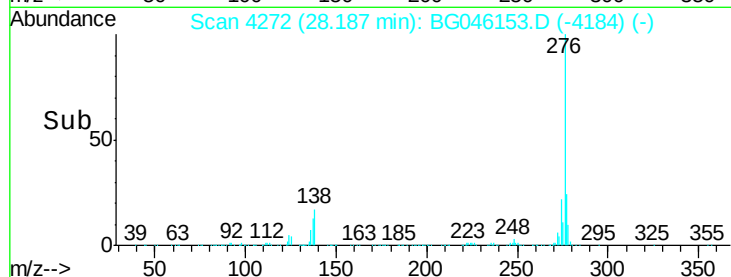
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 37.891 ng

RT: 23.69 min Scan# 3507

Delta R.T. -0.01 min

Lab File: BG046153.D

Acq: 3 Aug 2020 17:21

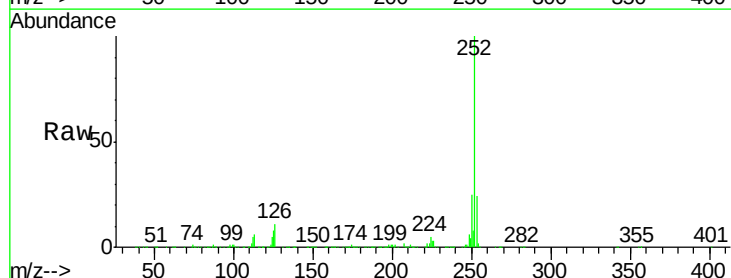
Tgt Ion:252 Resp: 1577268

Ion Ratio Lower Upper

252 100

253 24.0 19.2 28.8

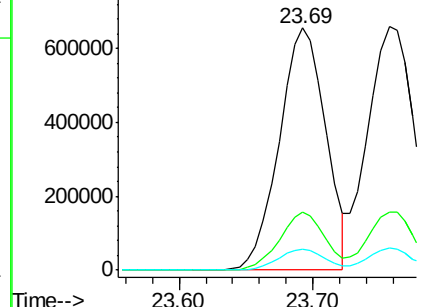
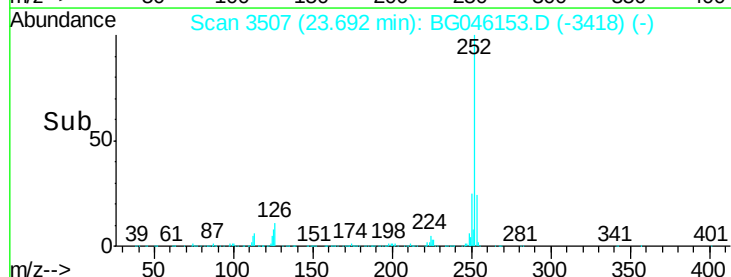
125 8.4 7.2 10.8

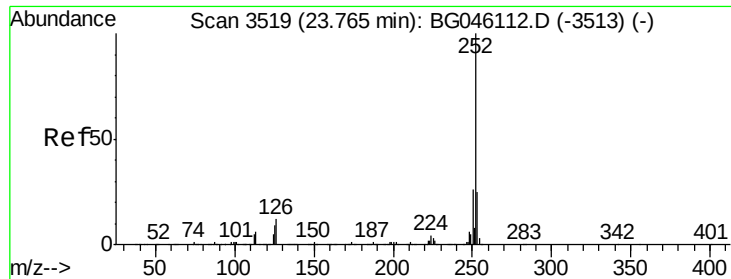


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





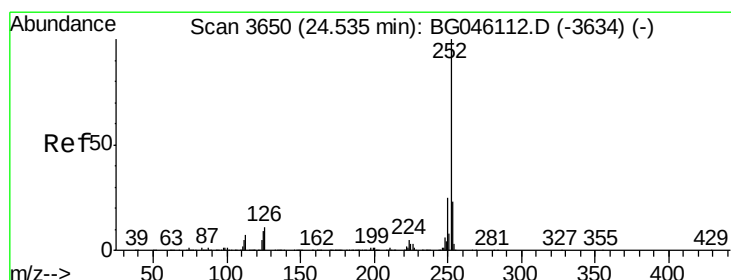
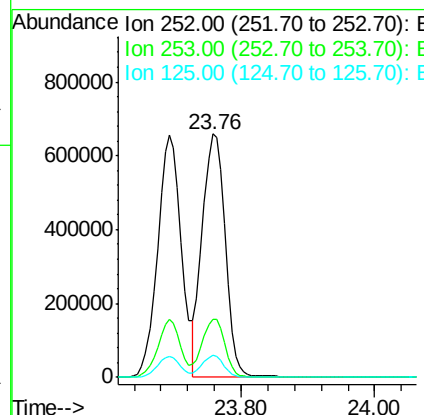
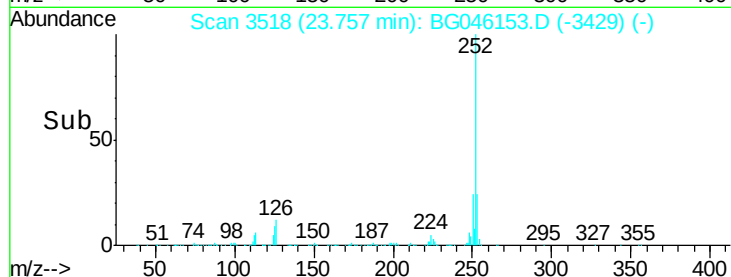
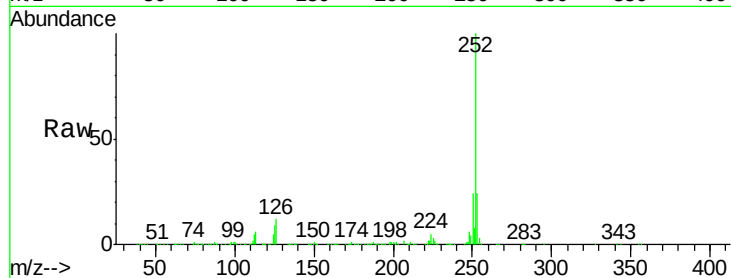
#89
Benzo(k)fluoranthene
Concen: 38.174 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.5	29.3
125	8.9	7.3	10.9

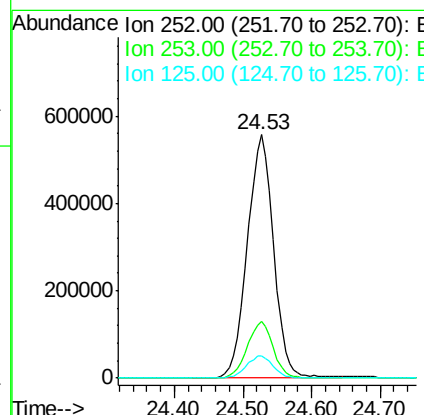
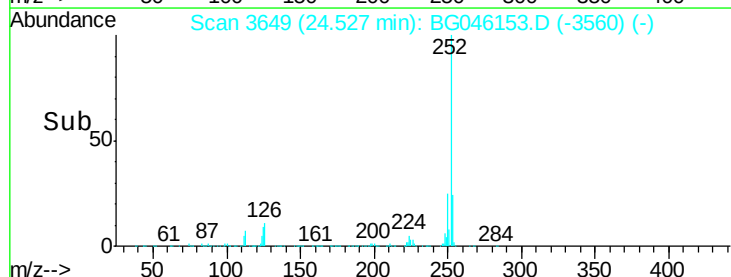
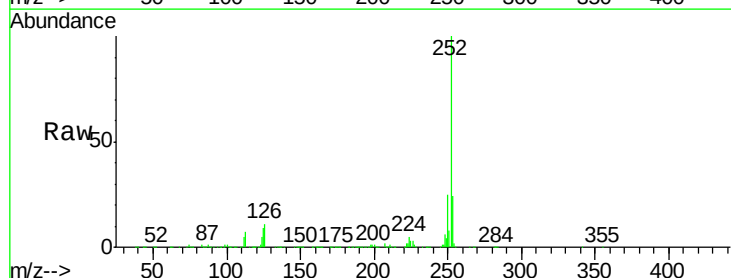
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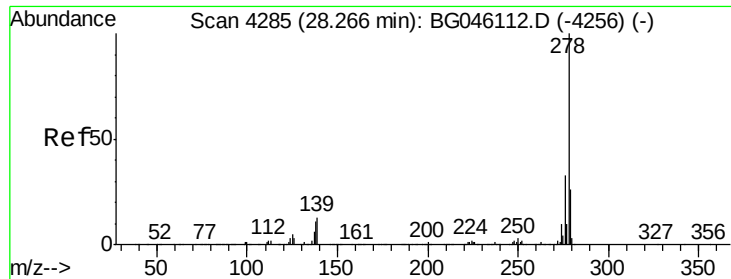
mohammad
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#90
Benzo(a)pyrene
Concen: 38.369 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	9.2	7.1	10.7





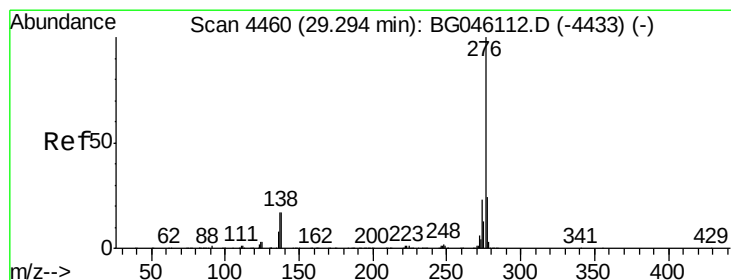
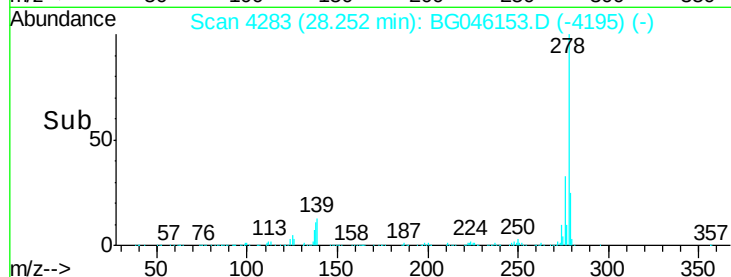
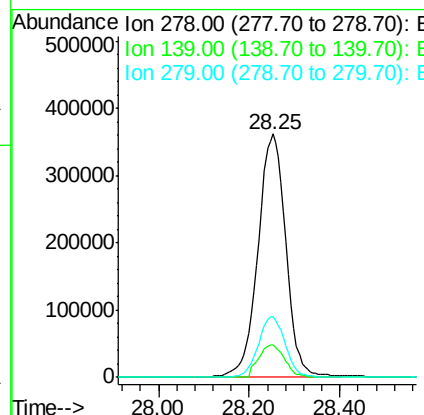
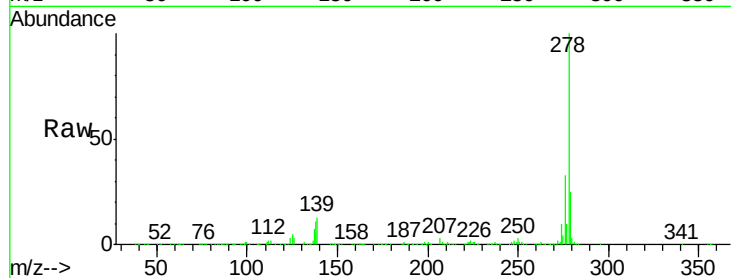
#91
Dibenzo(a,h)anthracene
Concen: 39.029 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB130683BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.8	16.2
279	25.0	20.5	30.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 39.332 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.01 min
Lab File: BG046153.D
Acq: 3 Aug 2020 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	17.5	13.8	20.6

