

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
 Data File : BG046208.D
 Acq On : 10 Aug 2020 15:56
 Operator : CG/JU
 Sample : PB130837BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

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Quant Time: Aug 10 16:45:43 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	103200	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	393549	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	262487	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	621408	20.00	ng	0.00
76) Chrysene-d12	21.57	240	675105	20.00	ng	0.00
86) Perylene-d12	24.67	264	711853	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	778168	131.08	ng	0.00
7) Phenol-d6	7.12	99	987193	122.01	ng	0.00
23) Nitrobenzene-d5	9.10	82	601538	82.76	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	557272	138.22	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1500876	83.06	ng	0.00
79) Terphenyl-d14	19.93	244	2571098	77.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	93881	34.744	ng	94
3) Pyridine	3.83	79	252805	33.986	ng	95
4) n-Nitrosodimethylamine	3.75	42	117598	37.145	ng	89
6) Aniline	7.28	93	362976	37.688	ng	99
8) 2-Chlorophenol	7.52	128	288986	44.042	ng	97
9) Benzaldehyde	7.09	77	95302	19.850	ng	96
10) Phenol	7.15	94	345030	42.443	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	268552	41.532	ng	98
12) 1,3-Dichlorobenzene	7.85	146	336459	42.304	ng	97
13) 1,4-Dichlorobenzene	7.99	146	335737	42.039	ng	99
14) 1,2-Dichlorobenzene	8.30	146	314478	41.752	ng	98
15) Benzyl Alcohol	8.19	79	234368	41.930	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	401129	37.839	ng	97
17) 2-Methylphenol	8.39	107	243956	44.452	ng	99
18) Hexachloroethane	9.04	117	113581	42.524	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	209415	39.770	ng	97
20) 3+4-Methylphenols	8.72	107	334222	44.493	ng	96
22) Acetophenone	8.77	105	397549	39.362	ng	# 97
24) Nitrobenzene	9.14	77	299338	38.626	ng	99
25) Isophorone	9.67	82	565713	39.113	ng	98
26) 2-Nitrophenol	9.86	139	162431	46.247	ng	98
27) 2,4-Dimethylphenol	9.92	122	249668	43.692	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	352107	44.772	ng	98
29) 2,4-Dichlorophenol	10.40	162	297157	44.207	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	337230	42.825	ng	98
31) Naphthalene	10.80	128	847755	40.712	ng	99
32) Benzoic acid	10.07	122	171457	42.222	ng	97
33) 4-Chloroaniline	10.90	127	298911	35.128	ng	97
34) Hexachlorobutadiene	11.10	225	220316	42.029	ng	99
35) Caprolactam	11.67	113	98596m	44.814	ng	
36) 4-Chloro-3-methylphenol	12.03	107	287472	43.579	ng	97
37) 2-Methylnaphthalene	12.41	142	669202	41.765	ng	99
38) 1-Methylnaphthalene	12.62	142	632036	41.685	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	380997	40.285	ng	99

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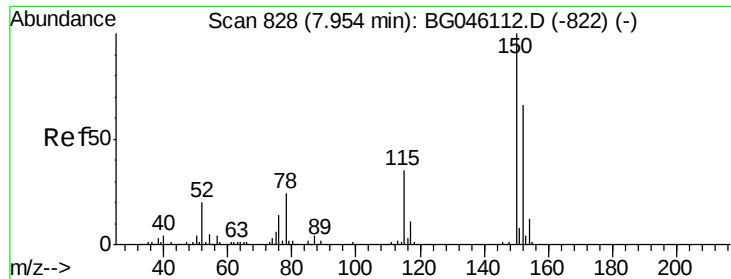
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	490833	90.481	nq	97
43) 2,4,6-Trichlorophenol	13.01	196	262077	43.435	nq	97
44) 2,4,5-Trichlorophenol	13.08	196	281825	42.808	nq	97
46) 1,1'-Biphenyl	13.41	154	824225	40.028	nq	99
47) 2-Chloronaphthalene	13.45	162	670256	40.807	nq	98
48) 2-Nitroaniline	13.65	65	183500	42.622	nq	92
49) Acenaphthylene	14.30	152	1033816	40.534	nq	99
50) Dimethylphthalate	14.03	163	854981	42.439	nq	100
51) 2,6-Dinitrotoluene	14.14	165	199429	42.534	nq	90
52) Acenaphthene	14.64	154	762702m	45.310	nq	
53) 3-Nitroaniline	14.47	138	173528	37.332	nq	95
54) 2,4-Dinitrophenol	14.68	184	251279	84.184	nq	98
55) Dibenzofuran	14.98	168	1021882	40.232	nq	99
56) 4-Nitrophenol	14.79	139	345889	85.708	nq	95
57) 2,4-Dinitrotoluene	14.93	165	284185	44.083	nq	93
58) Fluorene	15.63	166	852748	41.457	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	282899	45.621	nq	96
60) Diethylphthalate	15.40	149	841626	42.467	nq	97
61) 4-Chlorophenyl-phenylether	15.62	204	466768	43.448	nq	96
62) 4-Nitroaniline	15.64	138	206450	44.161	nq	98
63) Azobenzene	15.91	77	712746	38.374	nq	94
65) 4,6-Dinitro-2-methylphenol	15.70	198	186811	45.456	nq	87
66) n-Nitrosodiphenylamine	15.83	169	772146	41.050	nq	97
67) 4-Bromophenyl-phenylether	16.51	248	334030	43.510	nq	93
68) Hexachlorobenzene	16.64	284	377351	43.836	nq	95
69) Atrazine	16.78	200	283227	39.103	nq	98
70) Pentachlorophenol	16.98	266	473066	84.696	nq	99
71) Phenanthrene	17.36	178	1383004	40.629	nq	99
72) Anthracene	17.45	178	1413076	41.735	nq	98
73) Carbazole	17.72	167	1323269	40.531	nq	99
74) Di-n-butylphthalate	18.29	149	1487952	43.601	nq	99
75) Fluoranthene	19.37	202	1777937	41.837	nq	98
77) Benzidine	19.54	184	851658	44.536	nq	99
78) Pyrene	19.73	202	1759652	38.793	nq	98
80) Butylbenzylphthalate	20.63	149	701904	42.716	nq	95
81) Benzo(a)anthracene	21.55	228	1774256	39.272	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	678152	36.147	nq	99
83) Chrysene	21.61	228	1744159	39.410	nq	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	972071	41.379	nq	98
85) Di-n-octyl phthalate	22.65	149	1681320	42.270	nq	98
87) Indeno(1,2,3-cd)pyrene	28.19	276	2374736	43.742	nq	# 96
88) Benzo(b)fluoranthene	23.69	252	1974707	41.396	nq	99
89) Benzo(k)fluoranthene	23.76	252	1964458	41.986	nq	99
90) Benzo(a)pyrene	24.53	252	1852161	41.726	nq	98
91) Dibenzo(a,h)anthracene	28.25	278	1955395	43.085	nq	99
92) Benzo(g,h,i)perylene	29.29	276	1953164	42.613	nq	100

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



#1

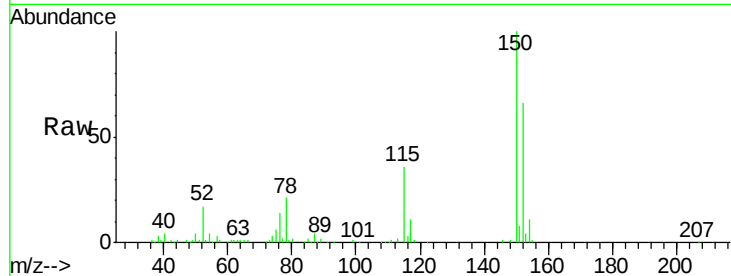
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	122.1	183.1
115	54.6	43.2	64.8

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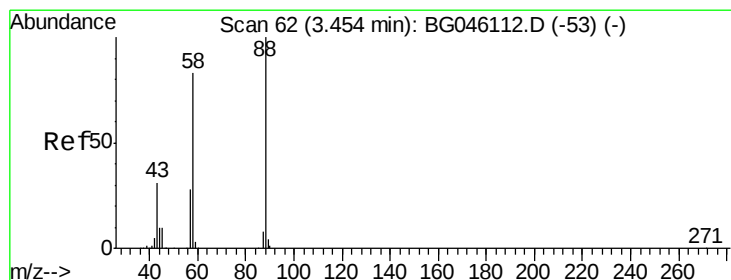
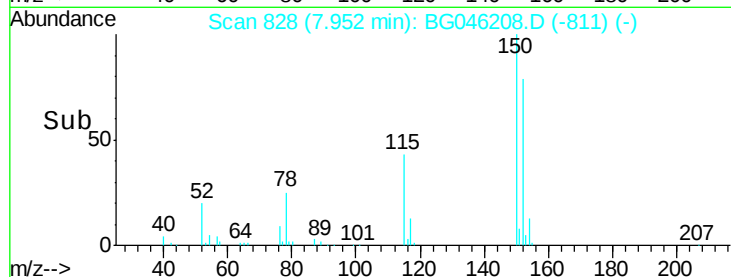
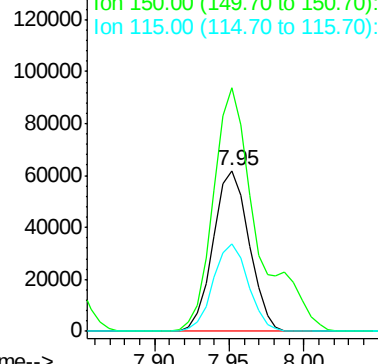


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

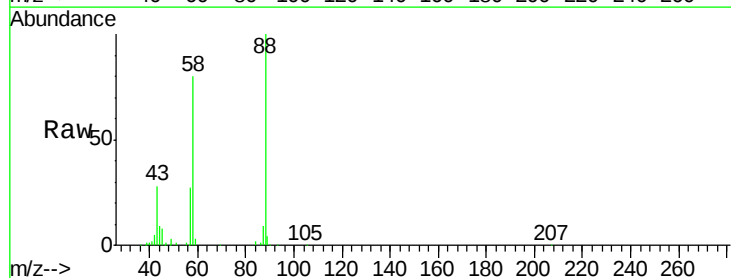
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.744 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	66.5	99.7
43	28.9	23.8	35.8

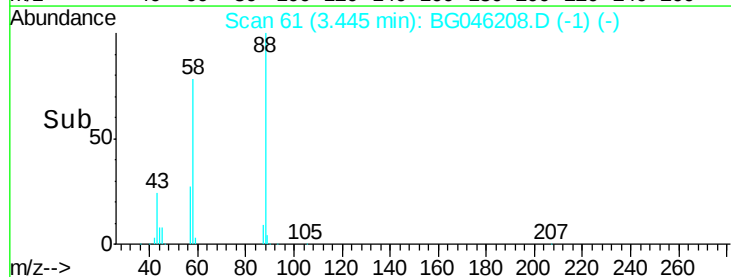
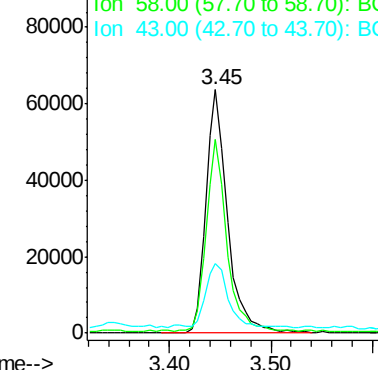


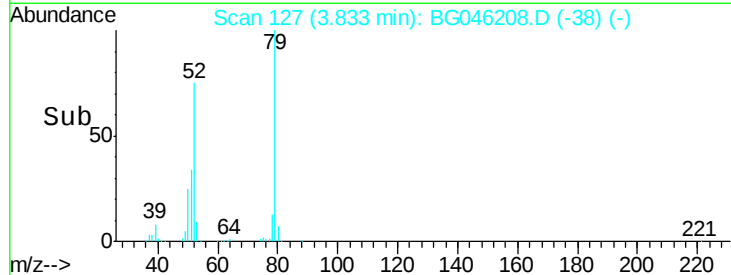
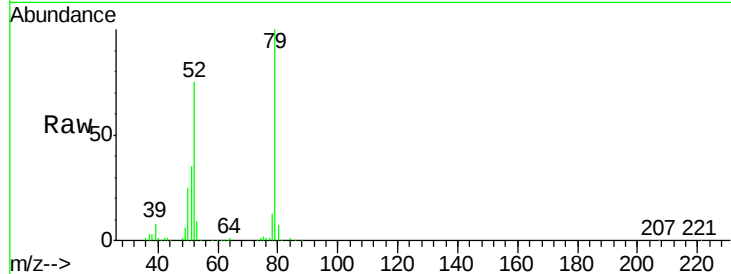
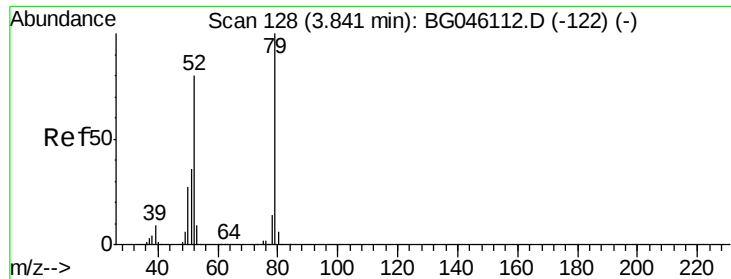
Abundance

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





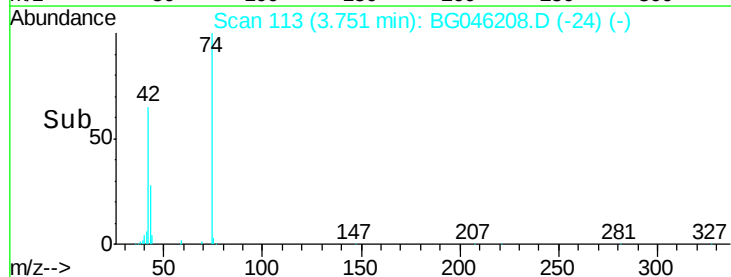
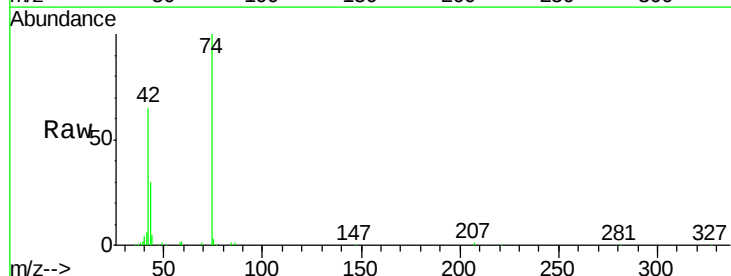
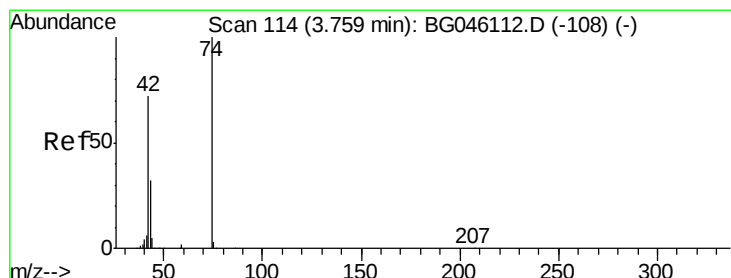
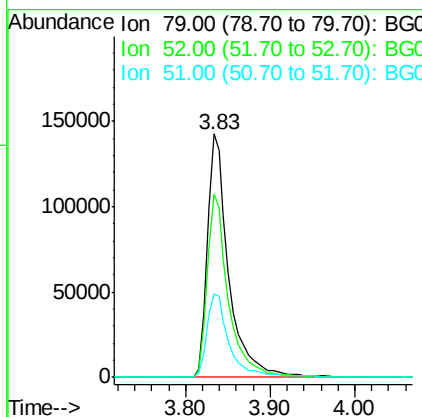
#3
 Pvridine
 Concen: 33.986 ng
 RT: 3.83 min Scan# 127
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tot Ion:	79	Resp:	252805
Ion Ratio	Lower	Upper	
79	100		
52	75.2	64.3	96.5
51	34.6	29.8	44.6

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

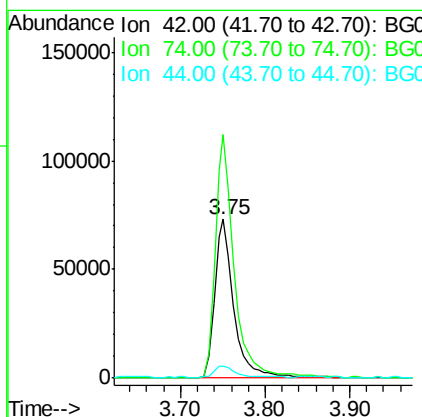
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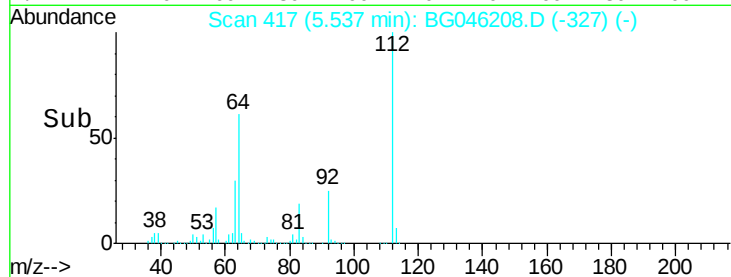
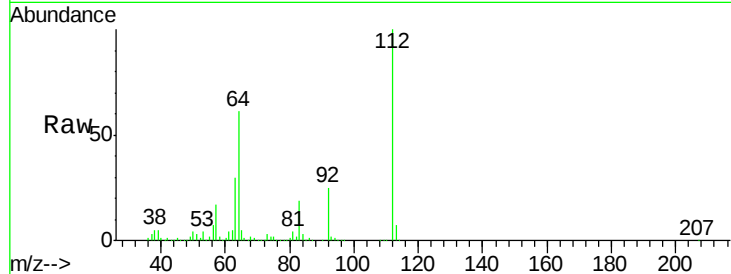
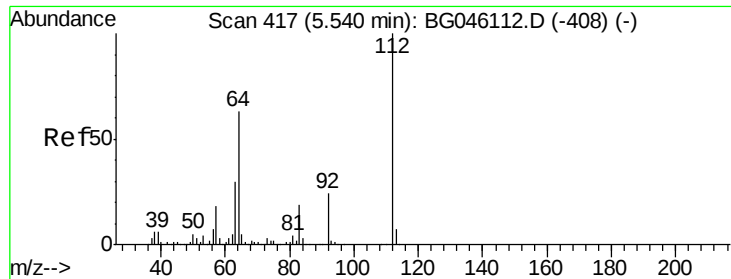
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#4
 n-Nitrosodimethylamine
 Concen: 37.145 ng
 RT: 3.75 min Scan# 113
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion:	42	Resp:	117598
Ion Ratio	Lower	Upper	
42	100		
74	153.1	111.6	167.4
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 131.080 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tot Ion:	112	Resp:	778168
Ion Ratio	Lower	Upper	
112	100		
64	60.7	50.2	75.2
63	30.1	24.2	36.4

Instrument :

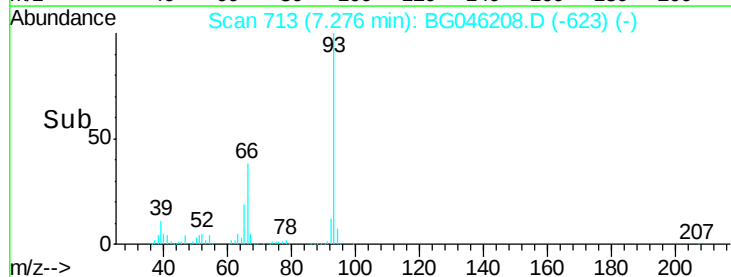
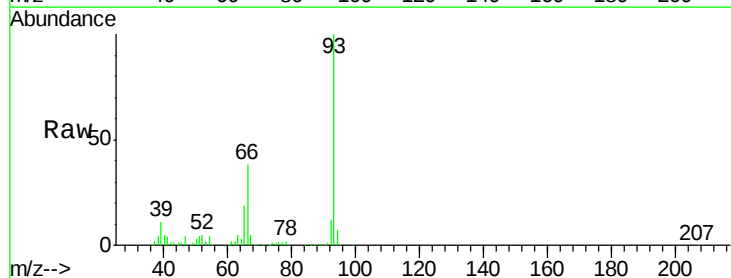
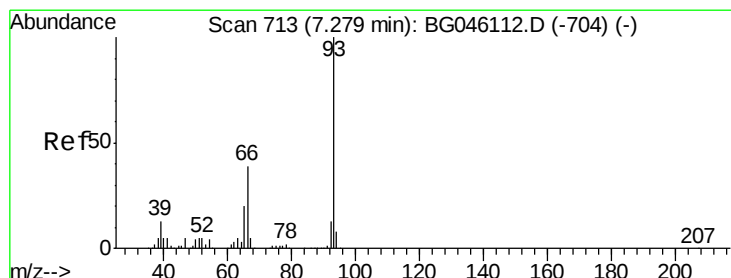
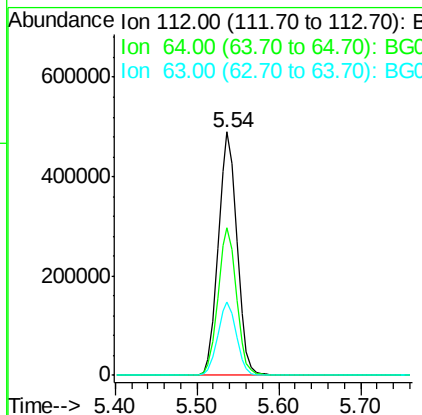
BNA_G

ClientSampleId :

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#6

Aniline

Concen: 37.688 ng

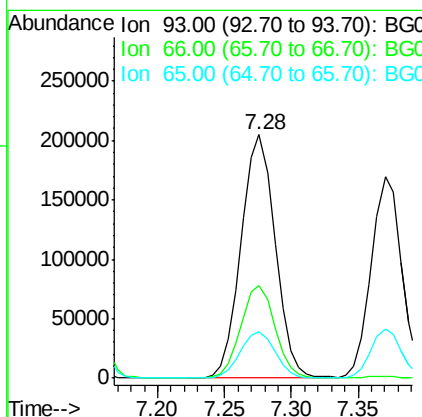
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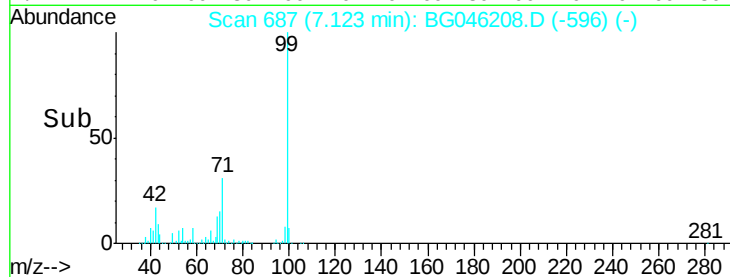
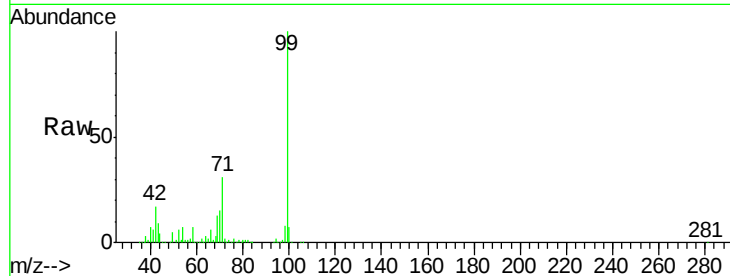
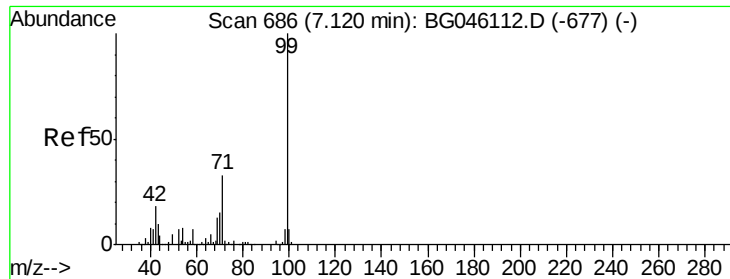
Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:	93	Resp:	362976
Ion Ratio	Lower	Upper	
93	100		
66	38.2	31.0	46.4
65	19.0	15.9	23.9





#7

Phenol-d6

Concen: 122.015 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		987193		
42	16.8	14.7	22.1		
71	31.3	26.5	39.7		

Instrument :

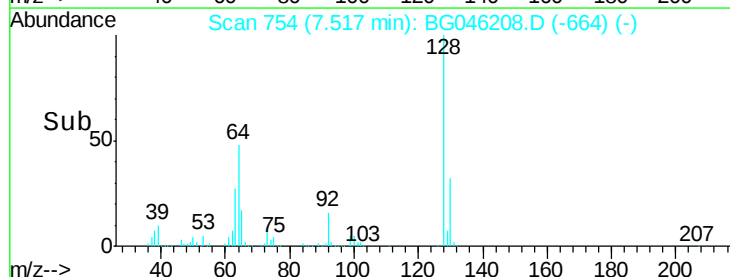
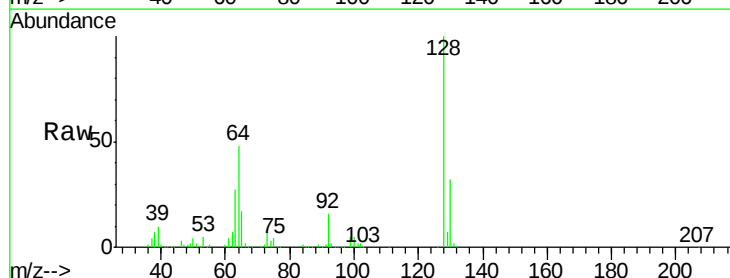
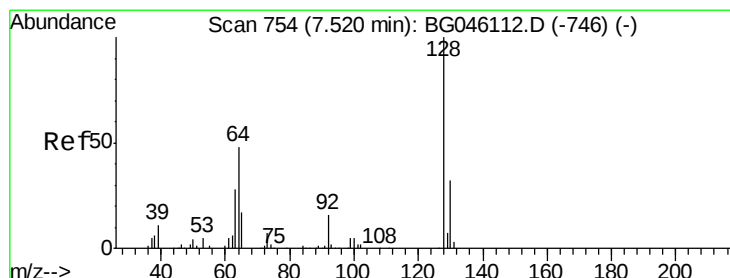
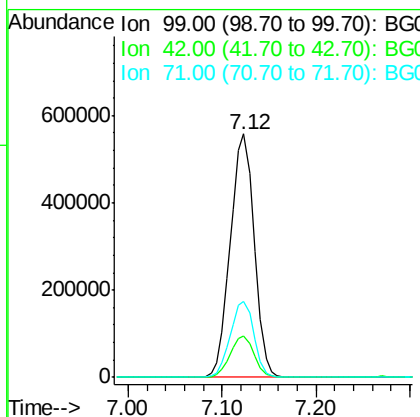
BNA_G

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#8

2-Chlorophenol

Concen: 44.042 ng

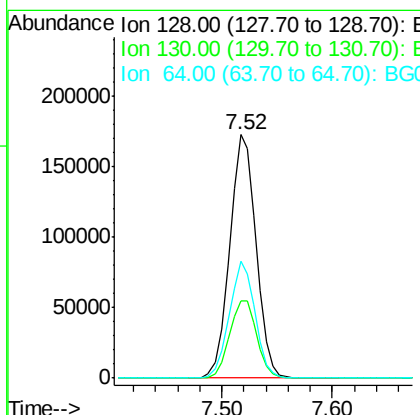
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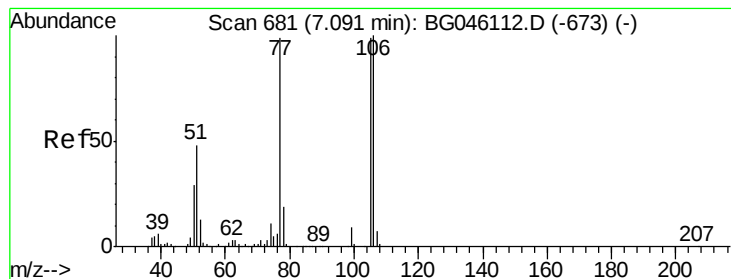
Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		288986		
130	31.7	11.6	51.6		
64	47.8	30.6	70.6		





#9

Benzaldehyde

Concen: 19.850 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

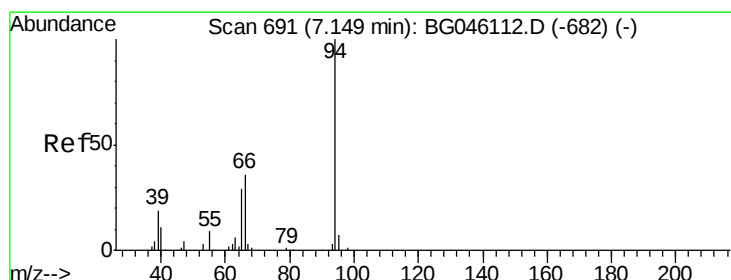
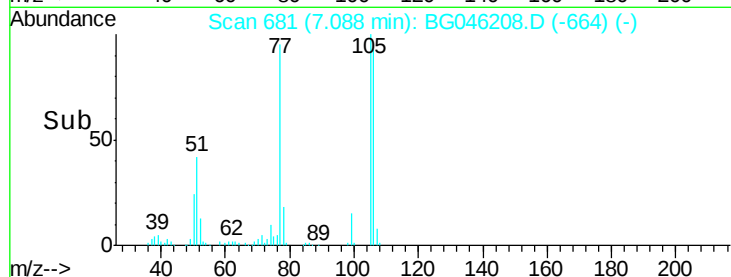
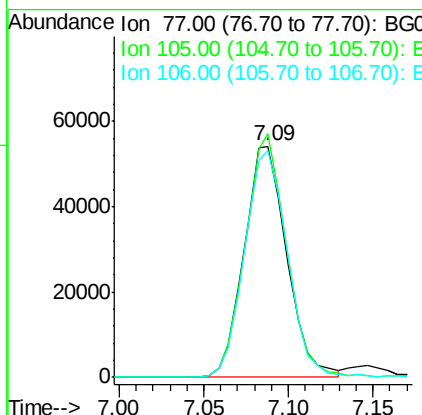
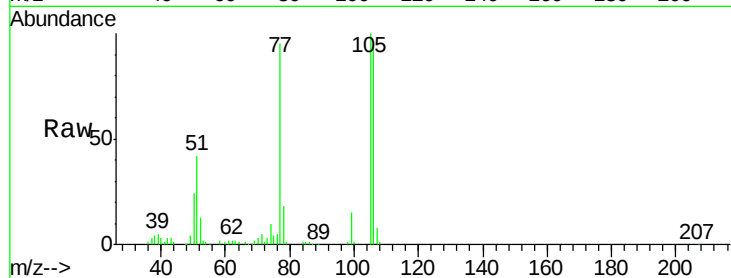
ClientSampleId :

PB130837BSD

Tot Ion:	77	Resp:	95302
Ion	Ratio	Lower	Upper
77	100		
105	105.3	80.3	120.3
106	98.3	81.5	121.5

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#10

Phenol

Concen: 42.443 ng

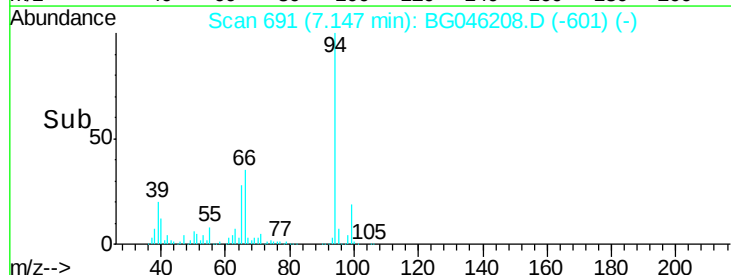
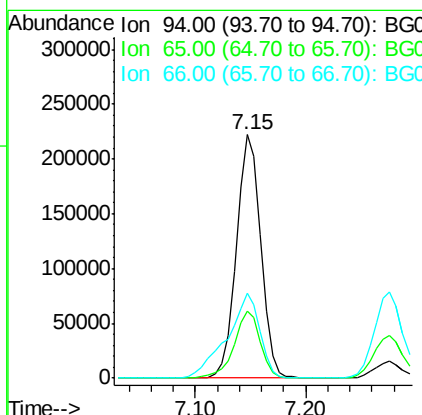
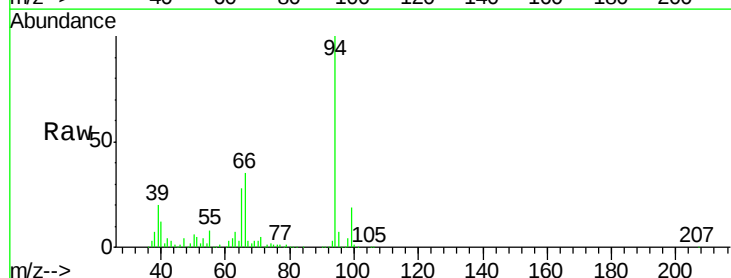
RT: 7.15 min Scan# 691

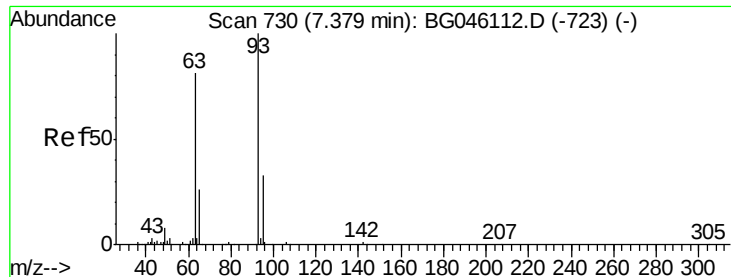
Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:	94	Resp:	345030
Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.6	49.6
66	35.1	16.3	56.3





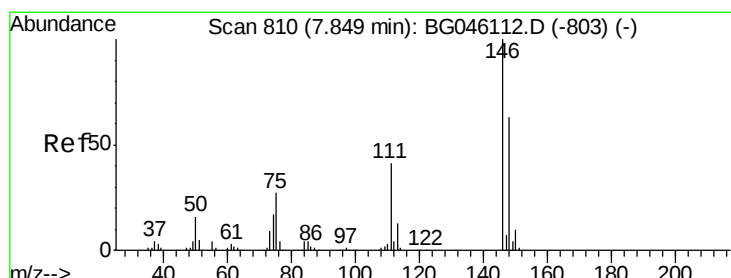
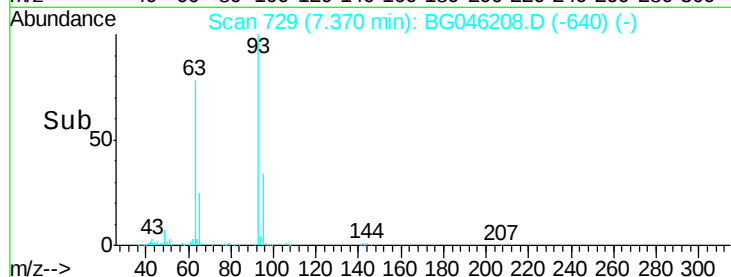
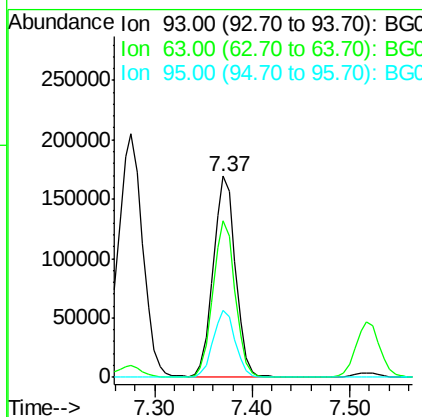
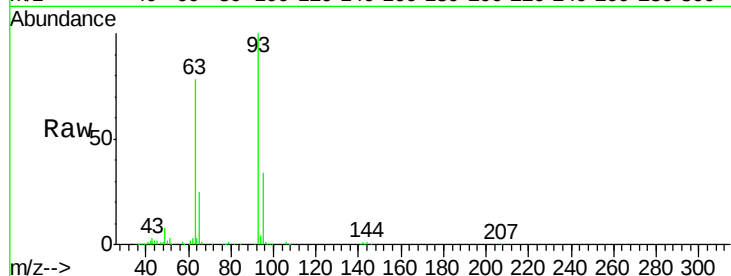
#11
bis(2-Chloroethyl)ether
Concen: 41.532 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampled :
PB130837BSD

Tot Ion:	93	Resp:	268552
Ion Ratio	Lower	Upper	
93	100		
63	78.0	60.0	100.0
95	33.6	12.6	52.6

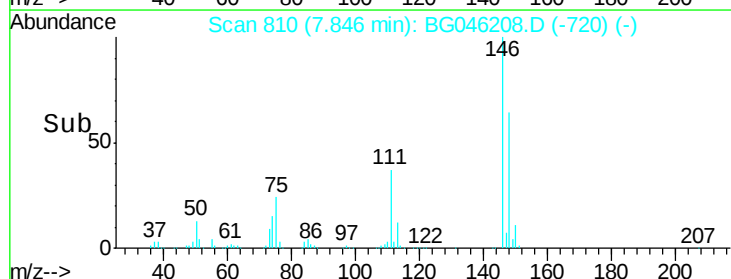
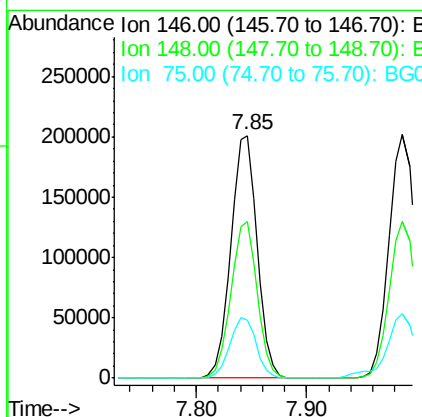
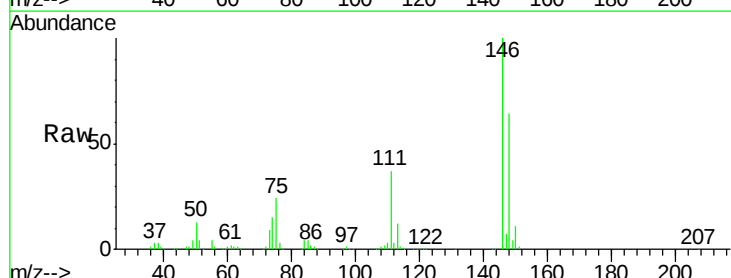
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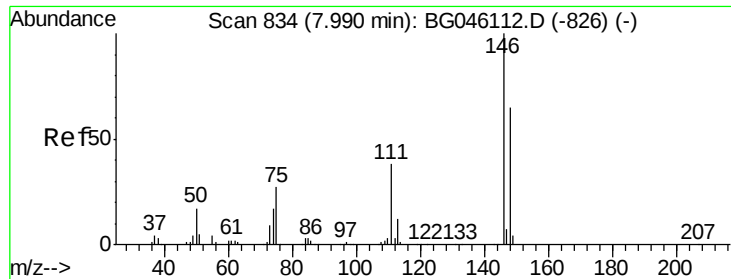
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.304 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion:	146	Resp:	336459
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.5	75.7
75	24.1	21.6	32.4





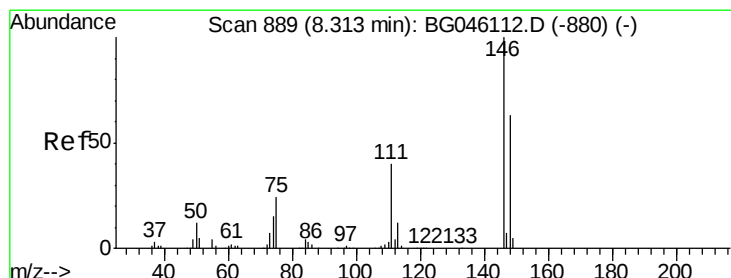
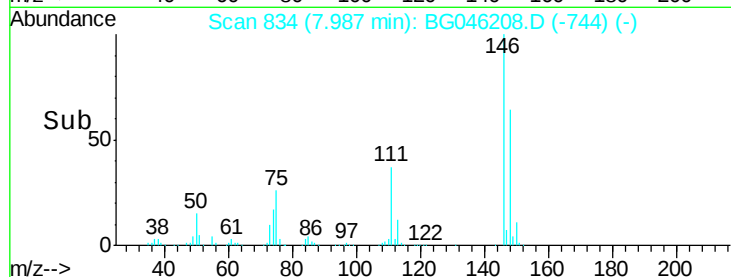
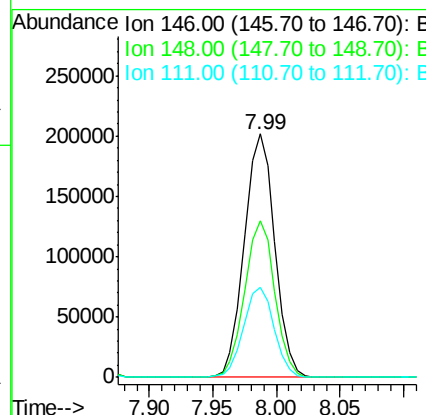
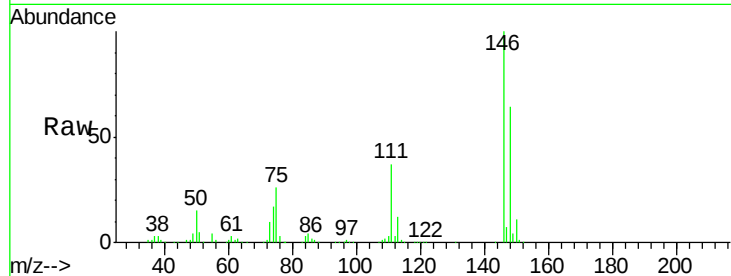
#13
 1,4-Dichlorobenzene
 Concen: 42.039 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Instrument :
 BNA_G
 ClientSampleID :
 PB130837BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
111	37.1	30.7	46.1

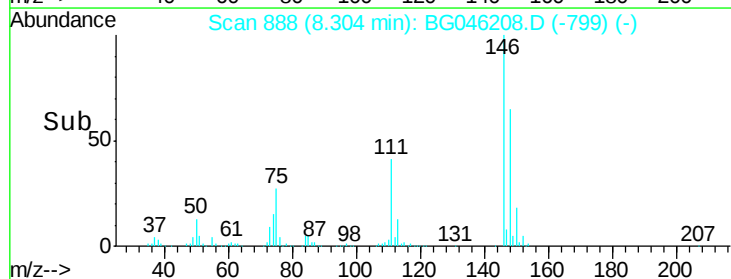
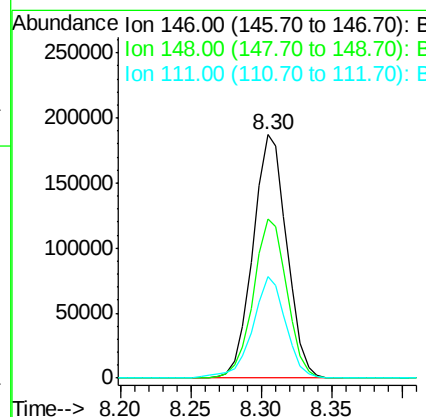
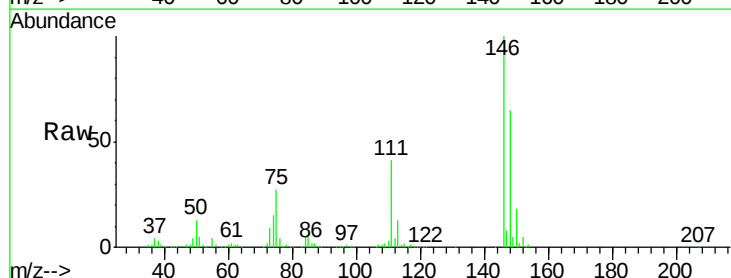
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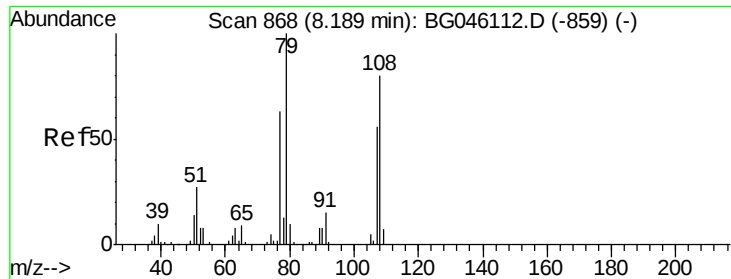
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.752 ng
 RT: 8.30 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.8	76.2
111	41.5	32.4	48.6





#15

Benzyl Alcohol

Concen: 41.930 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

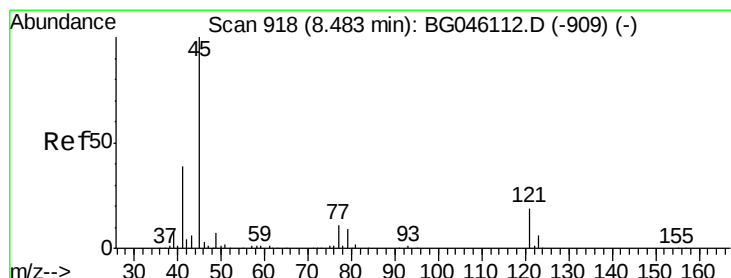
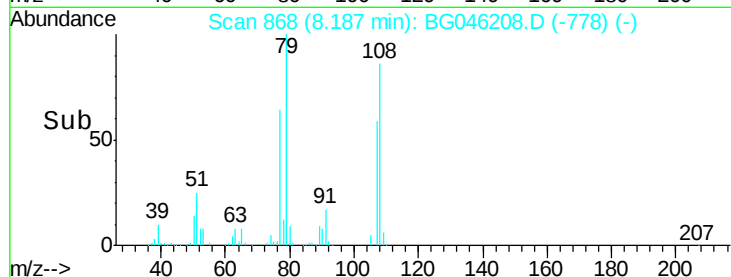
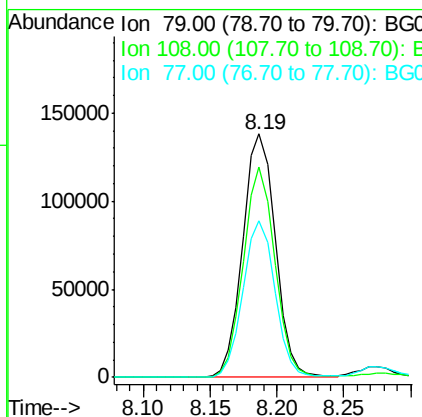
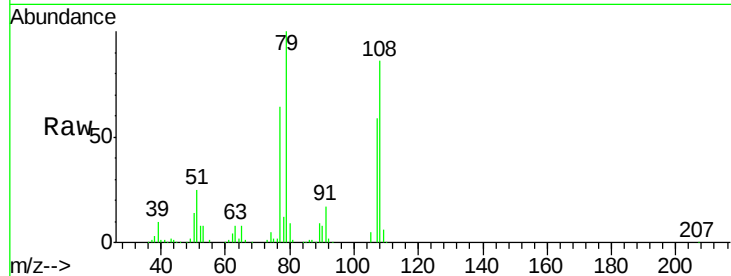
ClientSampleId :

PB130837BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	86.3	64.1	96.1	
77	64.1	50.2	75.2	

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.839 ng

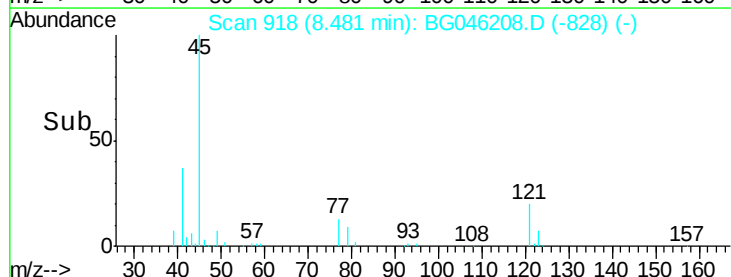
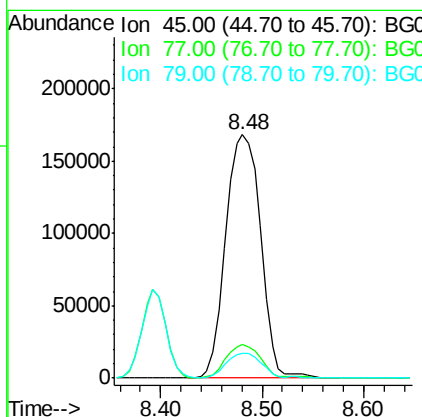
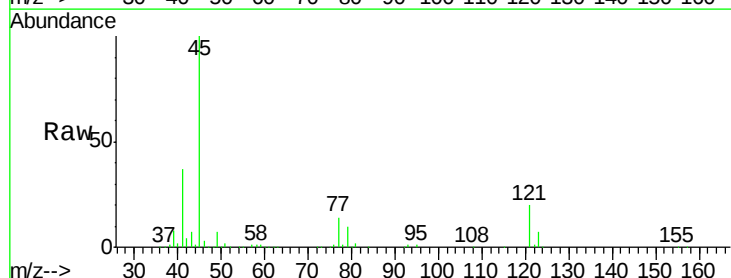
RT: 8.48 min Scan# 918

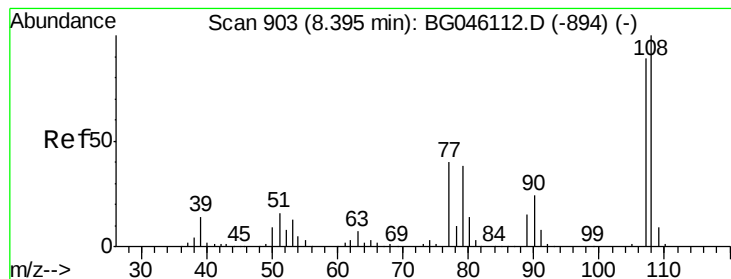
Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.8	0.0	31.9	
79	10.1	0.0	29.5	





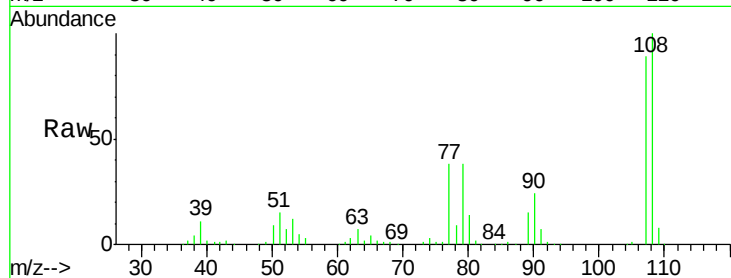
#17
2-Methylphenol
Concen: 44.452 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

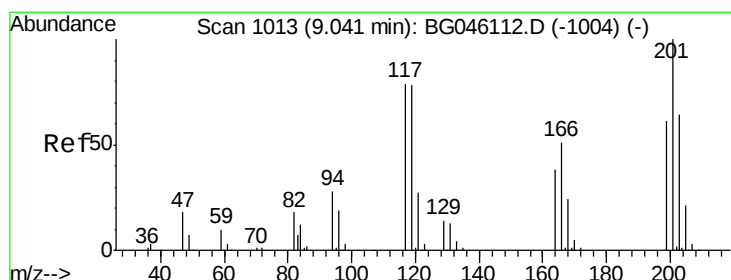
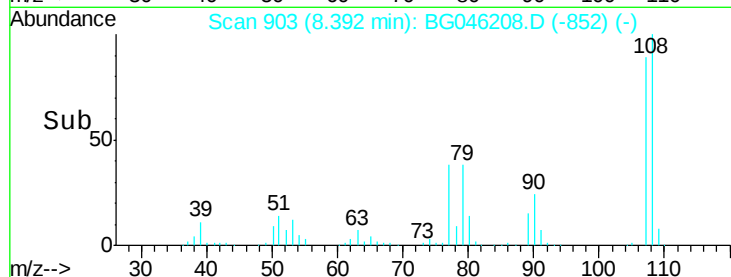
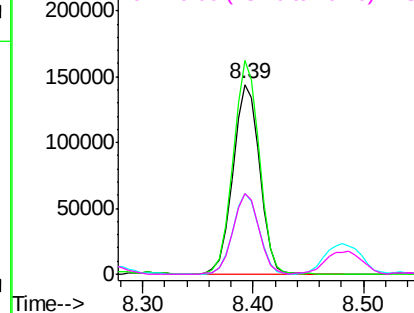
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	90.0	135.0	
77	42.5	35.6	53.4	
79	42.5	34.4	51.6	

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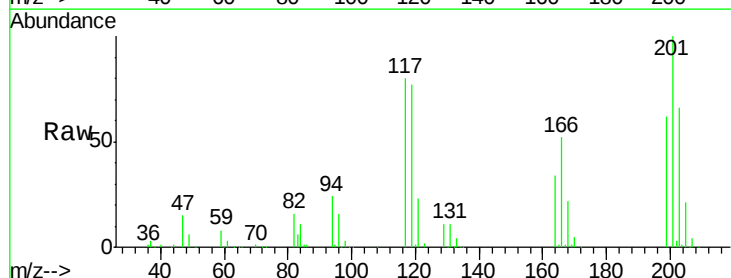


Abundance Ion 107.00 (106.70 to 107.70): E
250000
Ion 108.00 (107.70 to 108.70): E
200000
Ion 77.00 (76.70 to 77.70): BG
150000
Ion 79.00 (78.70 to 79.70): BG
100000
50000
0

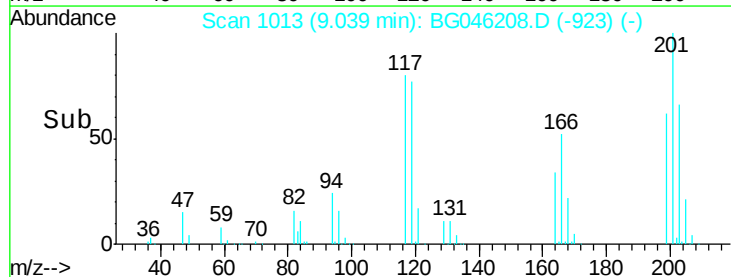
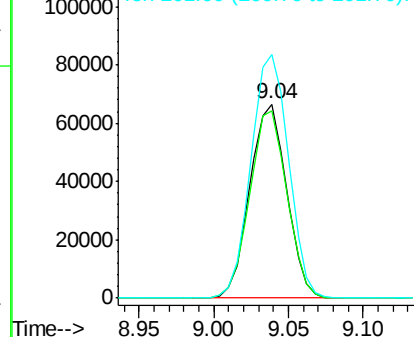


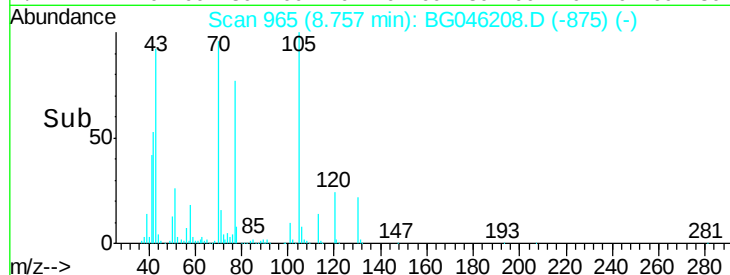
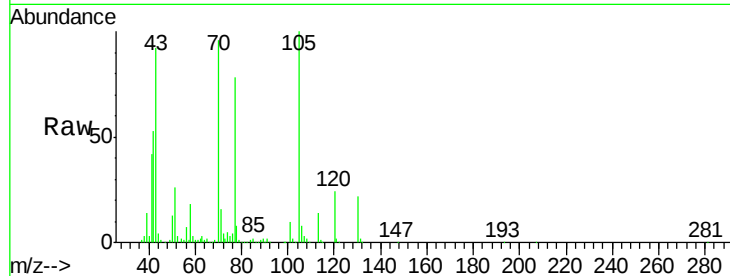
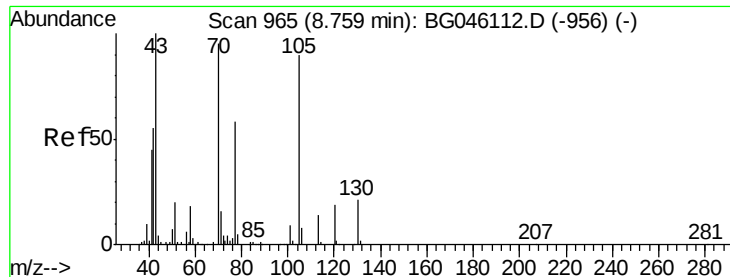
#18
Hexachloroethane
Concen: 42.524 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	78.5	117.7	
201	125.5	101.0	151.4	



Abundance Ion 117.00 (116.70 to 117.70): E
100000
Ion 119.00 (118.70 to 119.70): E
80000
Ion 201.00 (200.70 to 201.70): E
60000
40000
20000
0





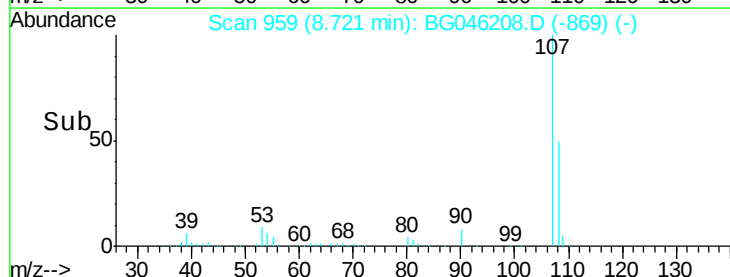
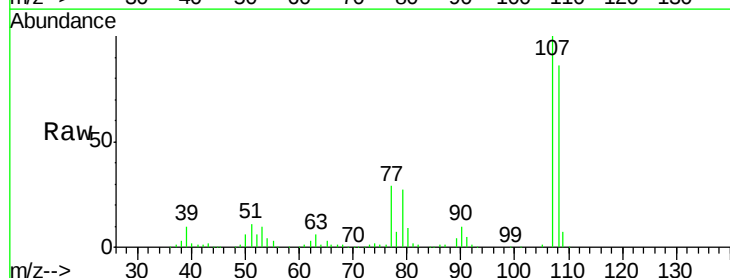
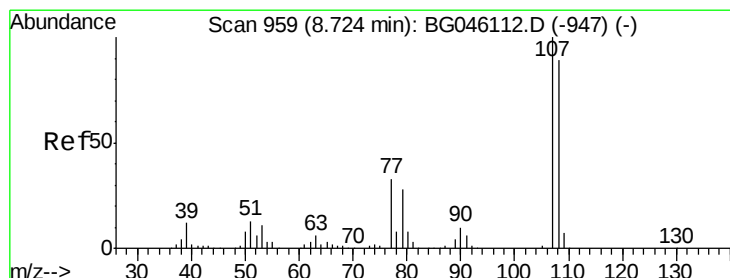
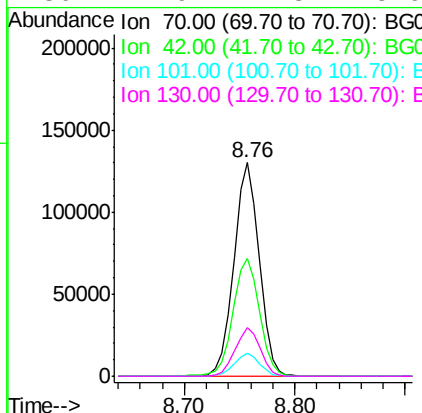
#19
n-Nitroso-di-n-propylamine
Concen: 39.770 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		209415		
42	55.4	46.5	69.7		
101	10.6	7.6	11.4		
130	22.9	17.3	25.9		

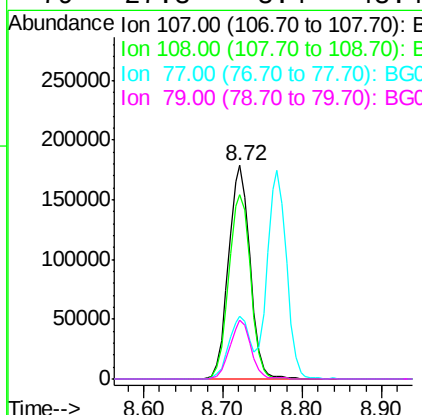
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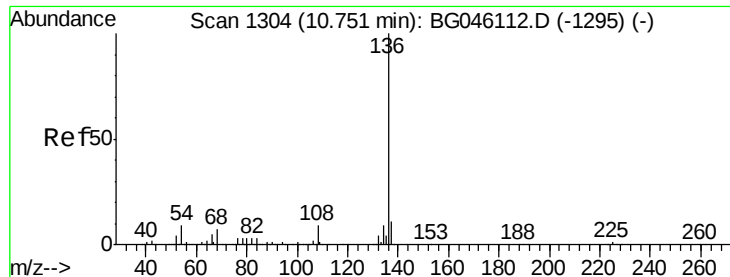
mohammad
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#20
3+4-Methylphenols
Concen: 44.493 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		334222		
108	86.2	69.1	109.1		
77	29.1	12.5	52.5		
79	27.3	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: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

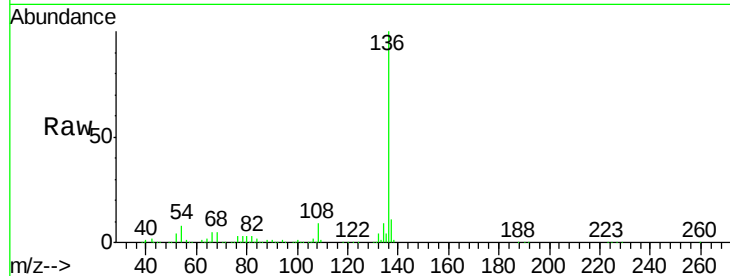
ClientSampleId :

PB130837BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	393549		
137	11.4		8.8	13.2
54	8.2		7.0	10.4
68	5.3		5.3	7.9

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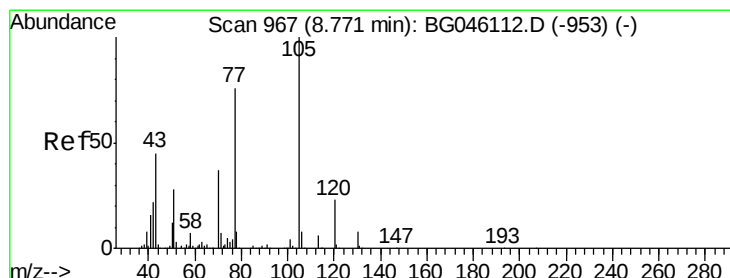
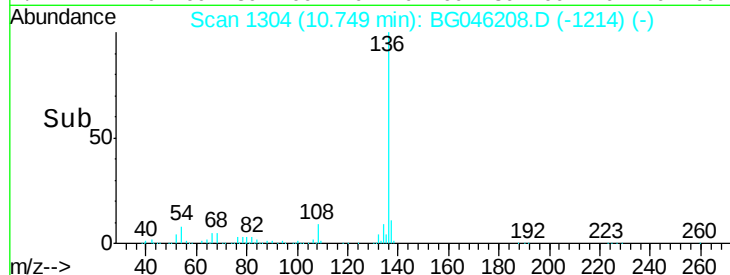
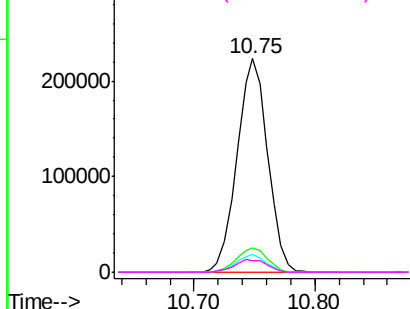


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.362 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

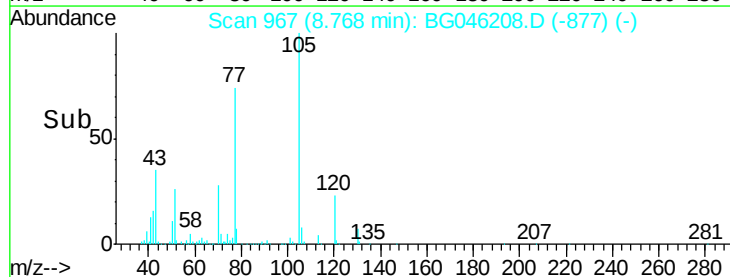
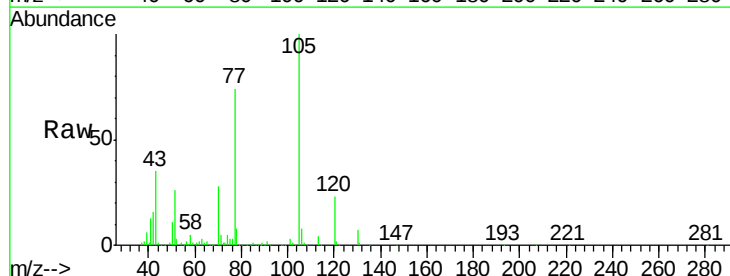
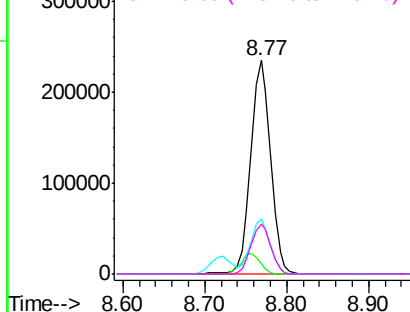
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	397549		
71	5.1		5.3	7.9#
51	25.7		22.7	34.1
120	23.3		18.7	28.1

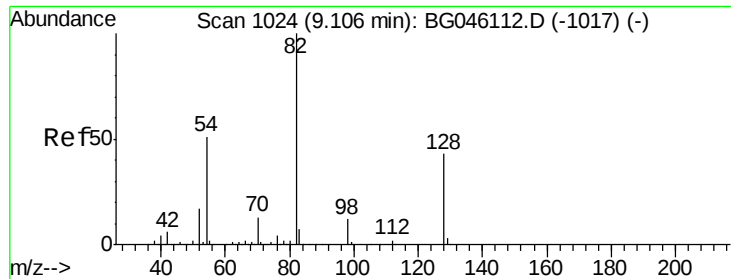
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





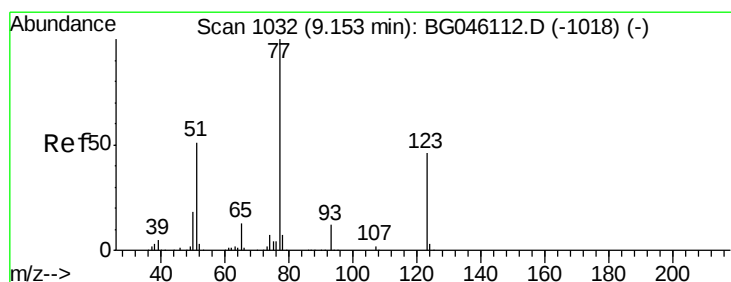
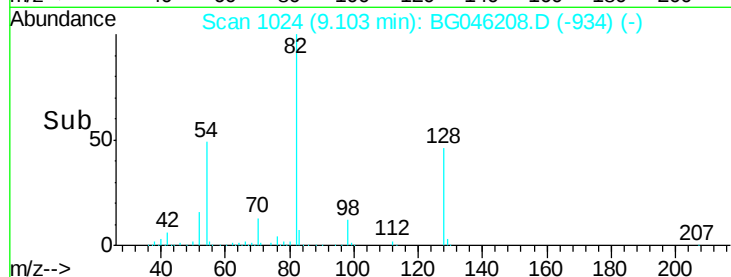
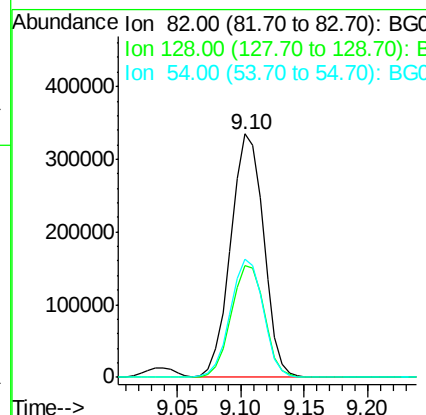
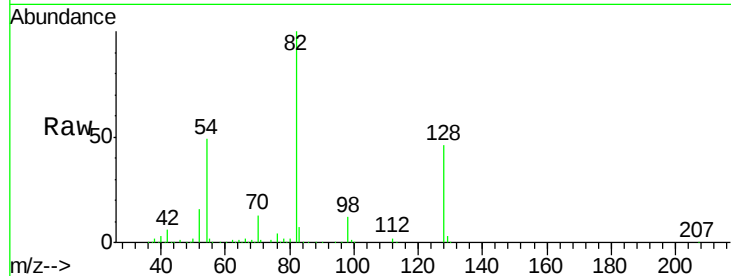
#23
Nitrobenzene-d5
Concen: 82.757 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	601538		
128	45.8	34.4	51.6	
54	48.5	40.8	61.2	

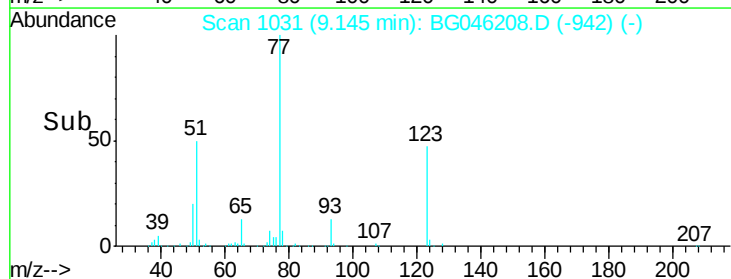
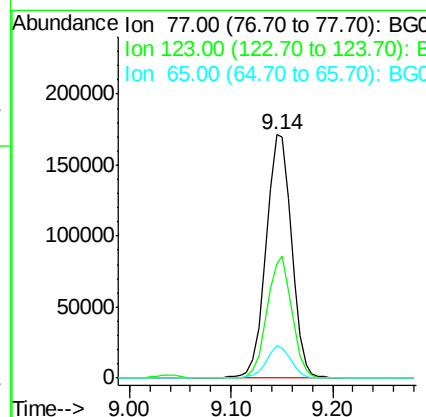
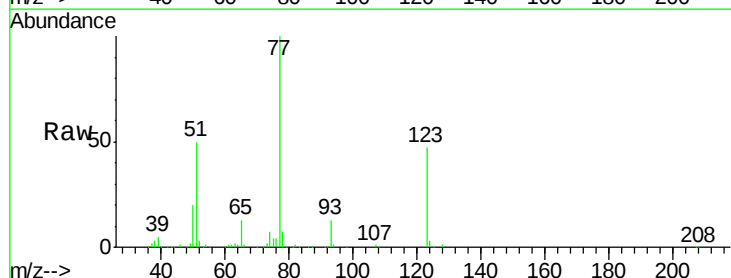
Manual Integrations
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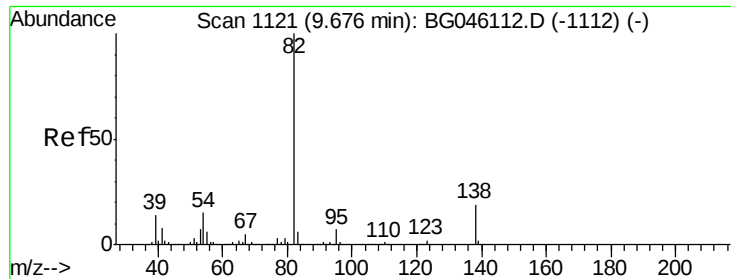
mohammad
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#24
Nitrobenzene
Concen: 38.626 ng
RT: 9.14 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	299338		
123	46.9	36.8	55.2	
65	13.1	10.2	15.2	





#25

Isophorone

Concen: 39.113 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

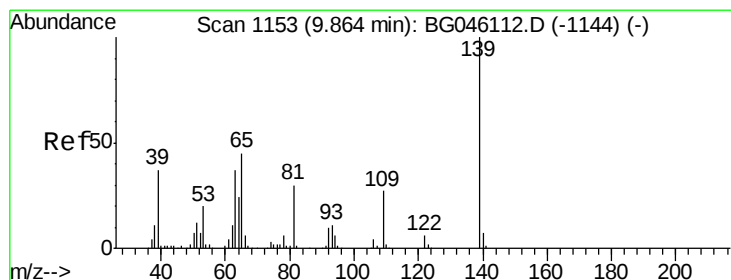
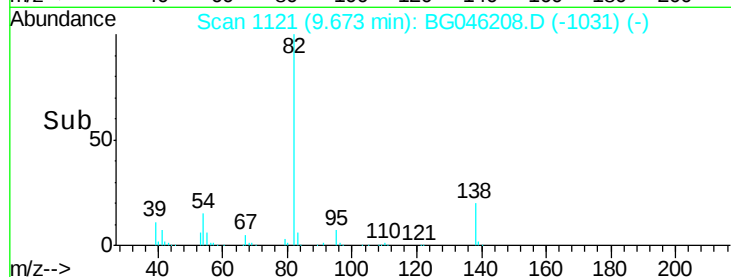
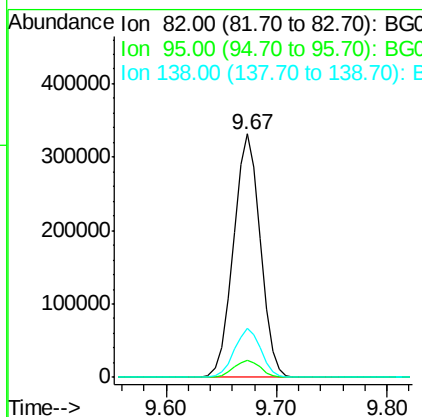
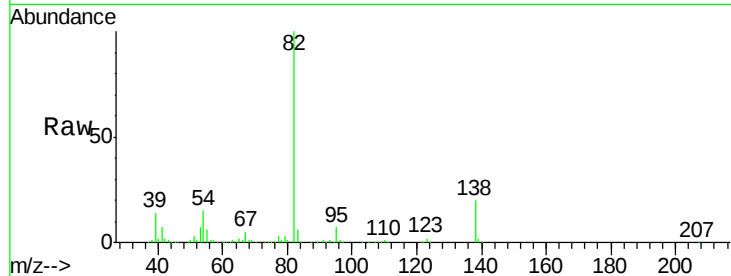
ClientSampleId :

PB130837BSD

Tot Ion:	82	Resp:	565713
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	20.1	15.3	22.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.247 ng

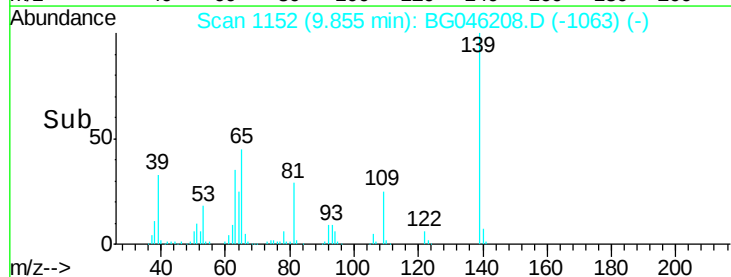
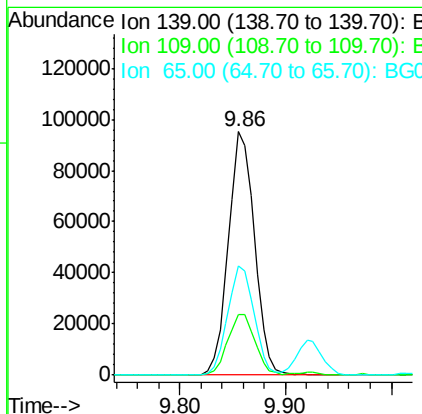
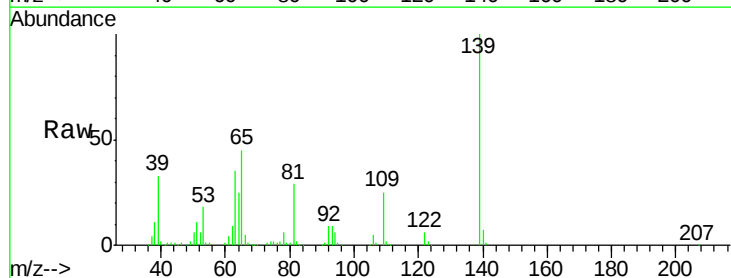
RT: 9.86 min Scan# 1152

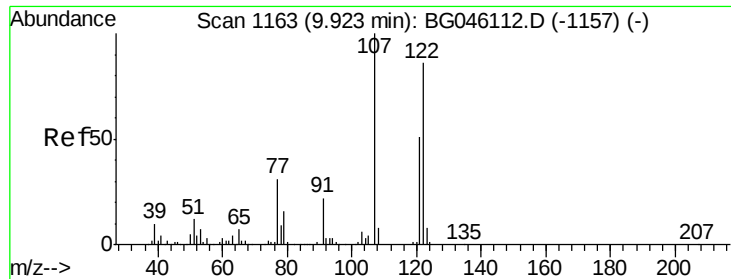
Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:	139	Resp:	162431
Ion Ratio	Lower	Upper	
139	100		
109	24.9	21.8	32.8
65	44.7	36.2	54.2





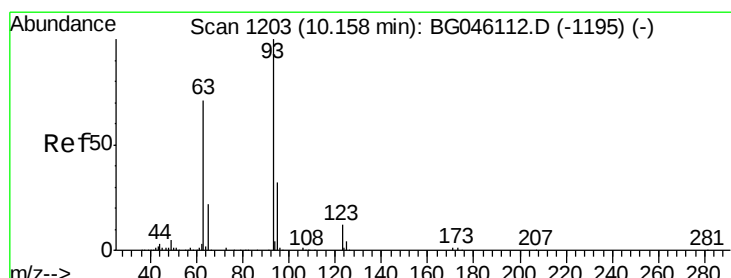
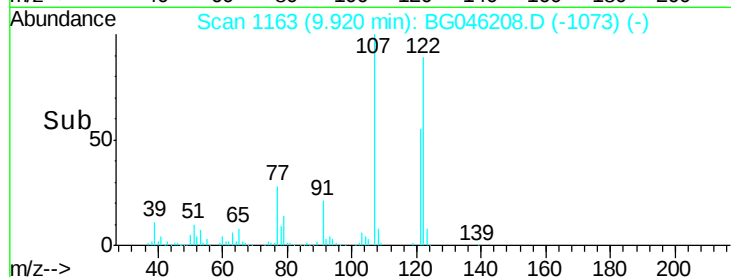
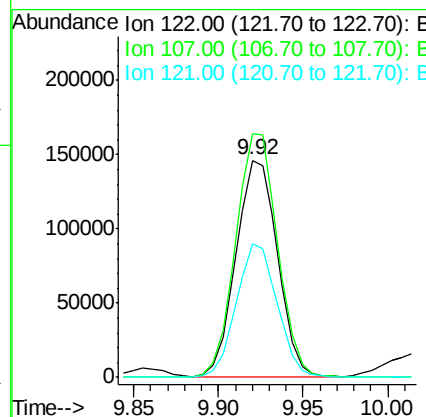
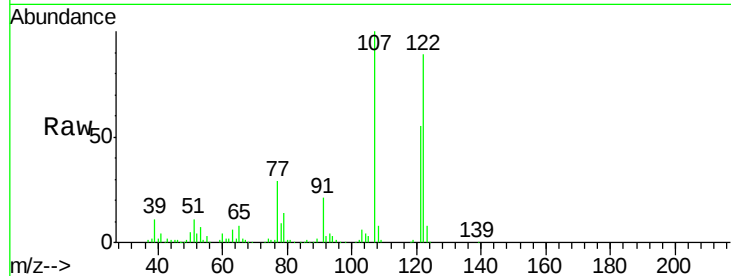
#27
2,4-Dimethylphenol
Concen: 43.692 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.3	92.4	138.6
121	61.3	47.0	70.6

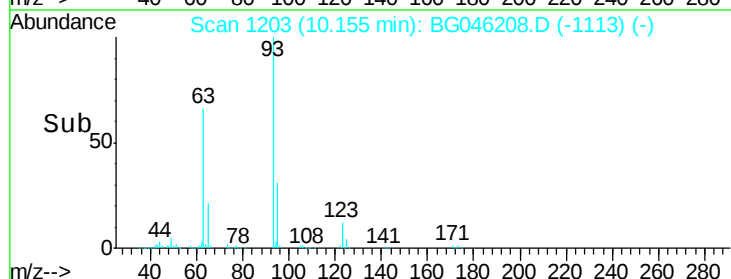
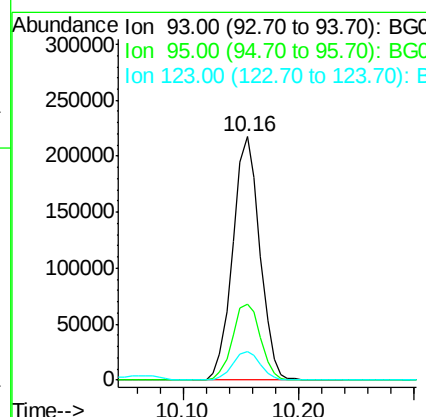
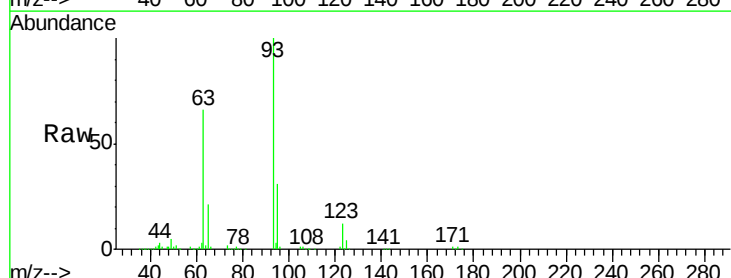
Manual Integrations
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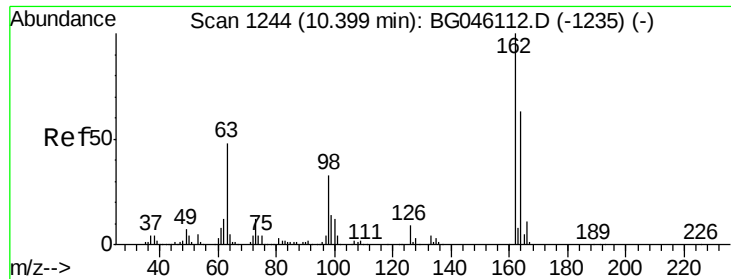
mohammad
8/11/2020 2:51:46 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.772 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.0	39.0
123	11.9	9.7	14.5





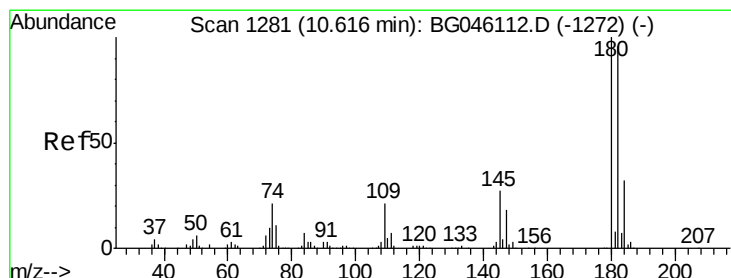
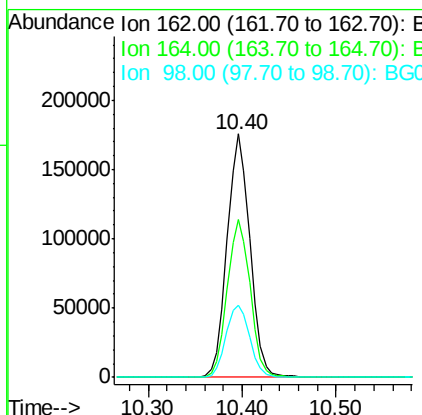
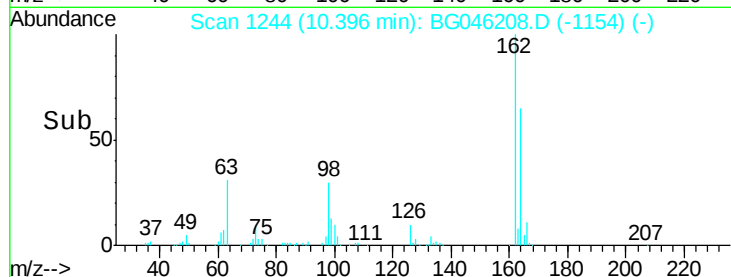
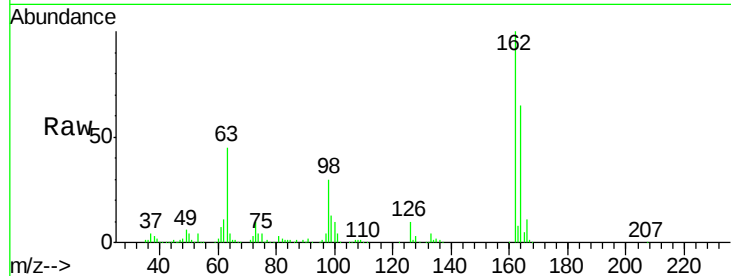
#29
2,4-Dichlorophenol
Concen: 44.207 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	297157		
164	64.7	43.3	83.3	
98	29.7	13.1	53.1	

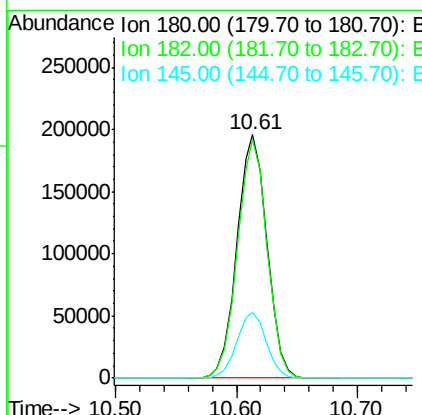
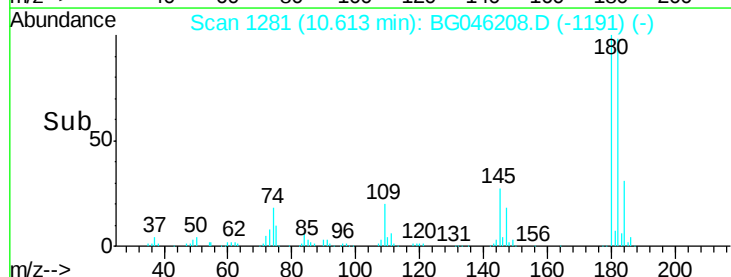
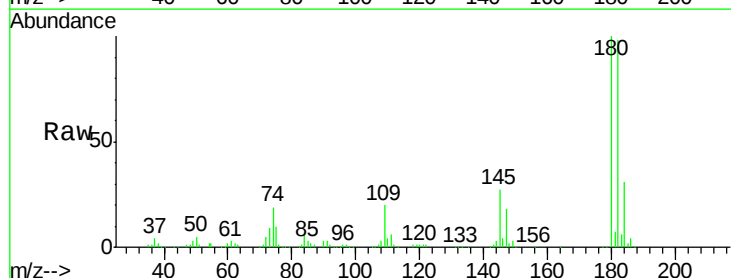
Manual Integrations
APPROVED

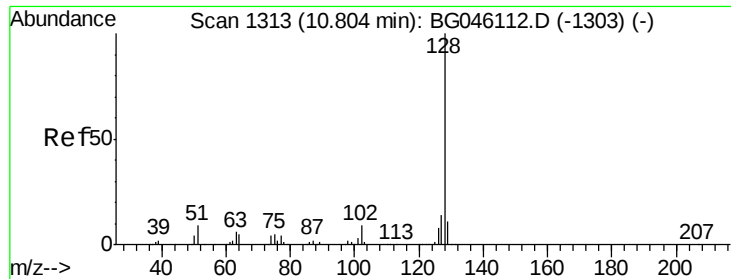
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.825 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	337230		
182	97.8	76.7	115.1	
145	26.7	21.8	32.8	





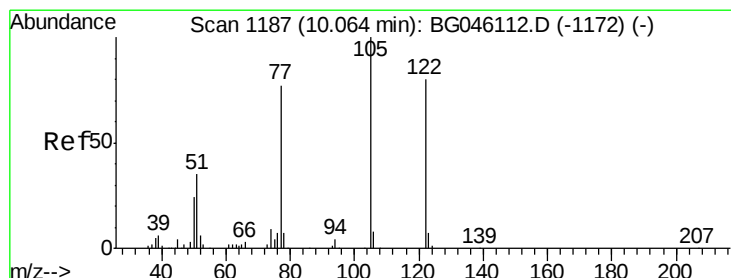
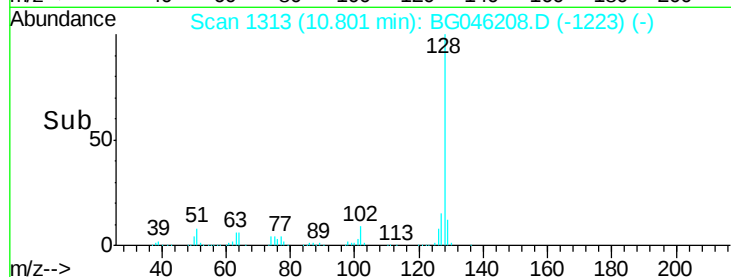
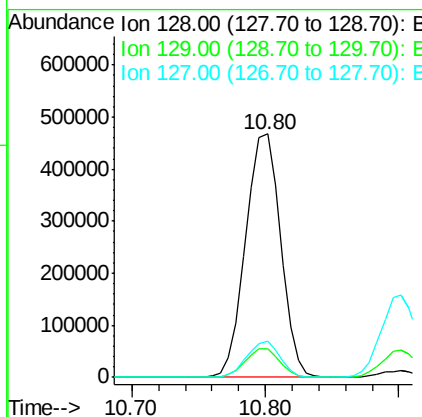
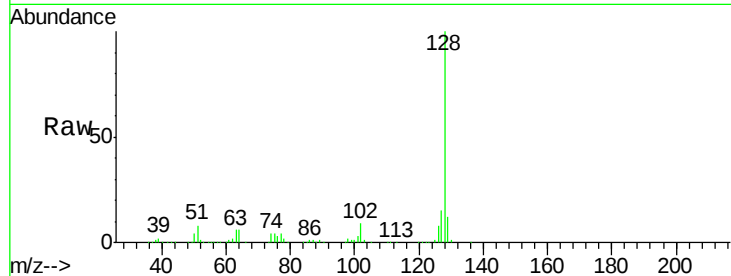
#31
Naphthalene
Concen: 40.712 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	847755		
129	11.6		9.1	13.7
127	14.7		11.3	16.9

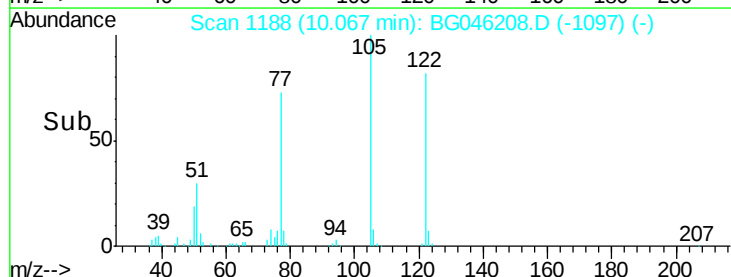
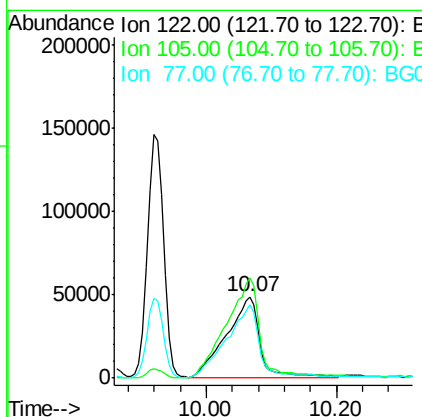
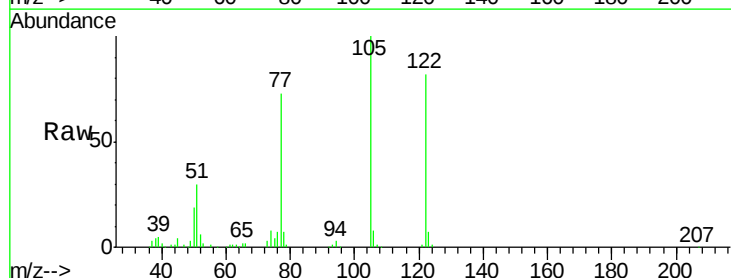
Manual Integrations
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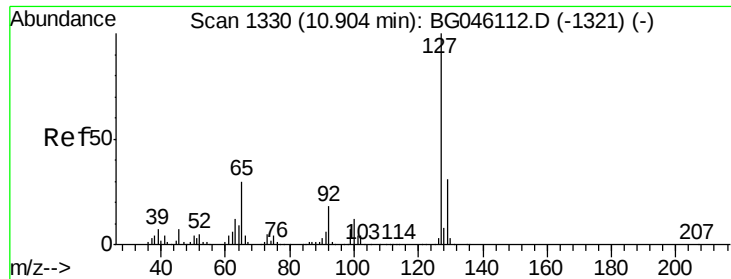
mohammad
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#32
Benzoic acid
Concen: 42.222 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	171457		
105	122.5		103.0	143.0
77	89.6		75.2	115.2





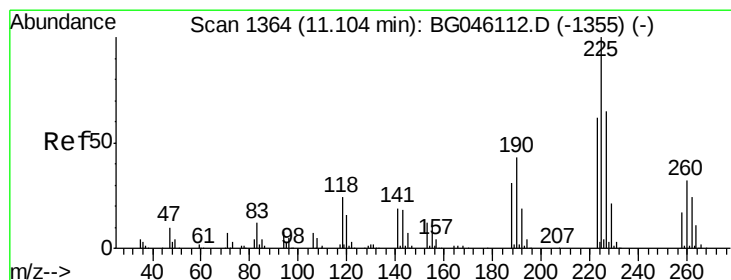
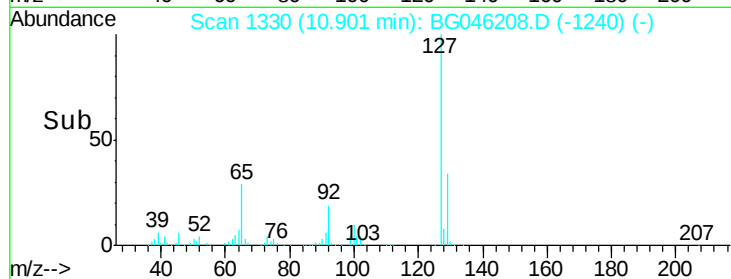
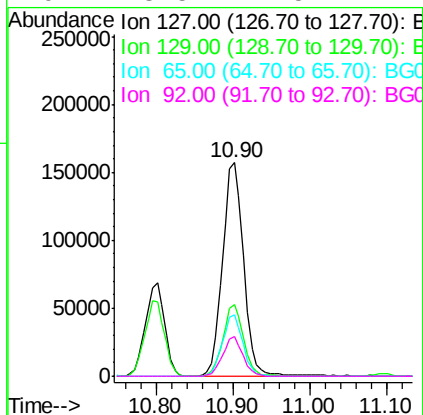
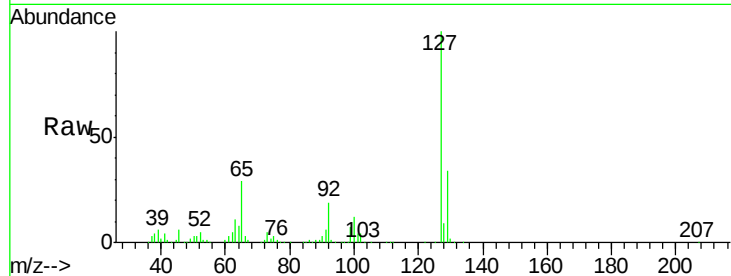
#33
4-Chloroaniline
Concen: 35.128 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	298911		
129	33.7	25.2	37.8	
65	29.0	24.2	36.2	
92	18.5	14.5	21.7	

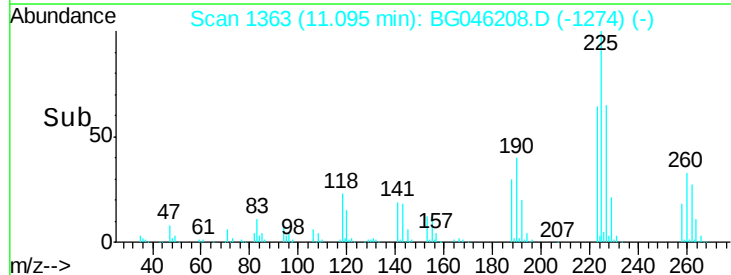
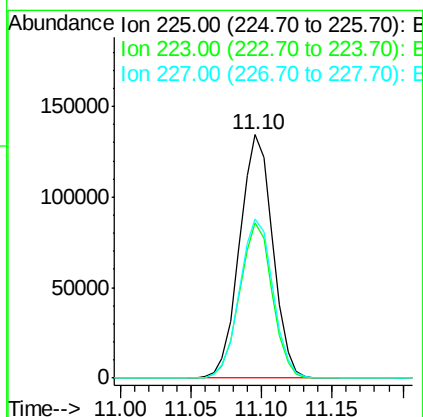
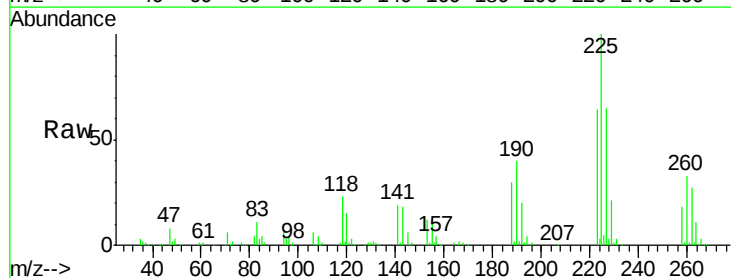
Manual Integrations
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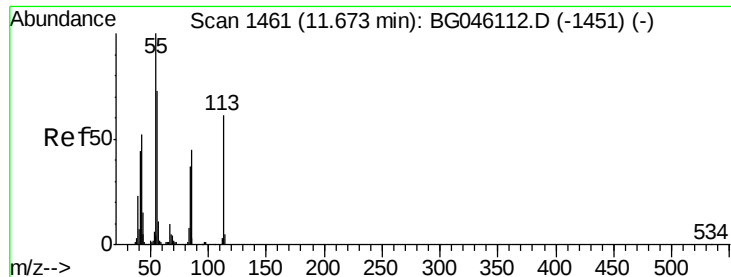
mohammad
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#34
Hexachlorobutadiene
Concen: 42.029 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	220316		
223	64.0	49.8	74.6	
227	65.3	51.9	77.9	





#35

Caprolactam

Concen: 44.814 ng/mL

RT: 11.67 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

Tot Ion:113 Resp: 98596

Ion Ratio Lower Upper

113 100

55 168.6 144.7 184.7

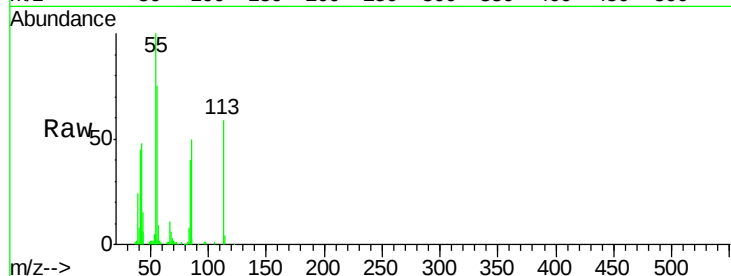
56 125.7 99.4 139.4

Manual Integrations

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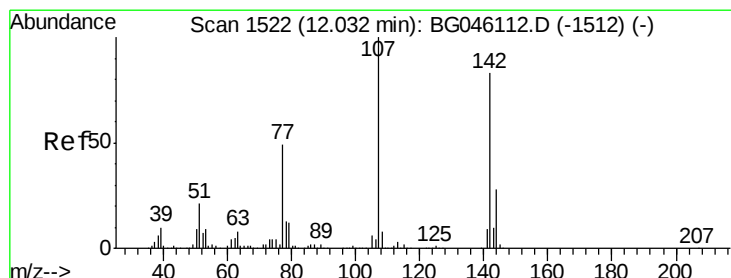
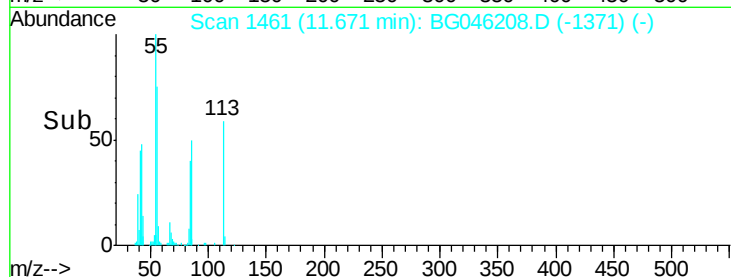
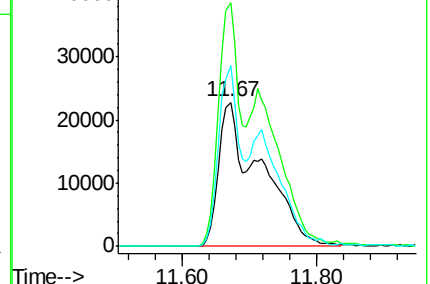
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.579 ng/mL

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

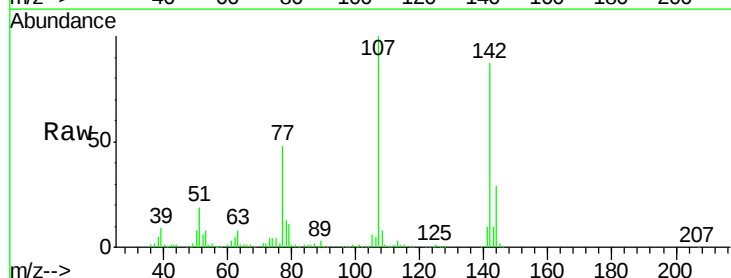
Tgt Ion:107 Resp: 287472

Ion Ratio Lower Upper

107 100

144 28.6 22.4 33.6

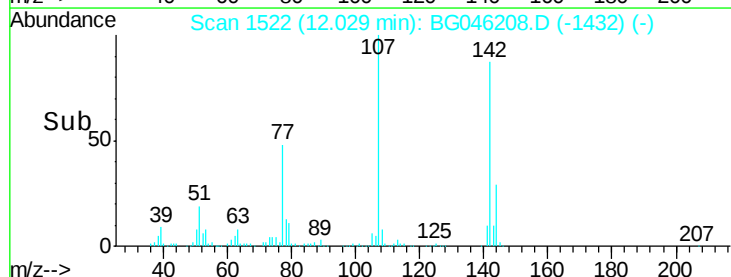
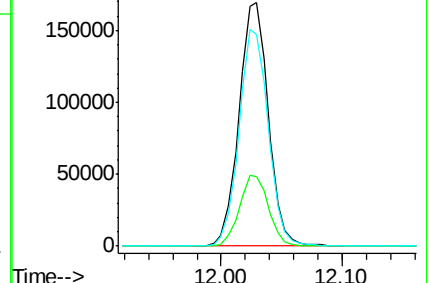
142 87.1 66.6 100.0

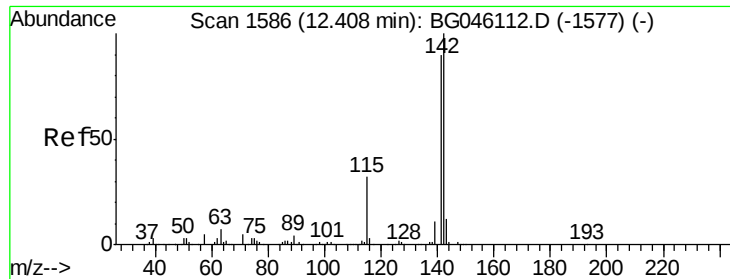


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





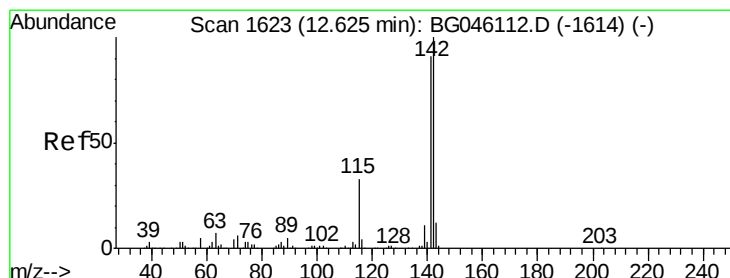
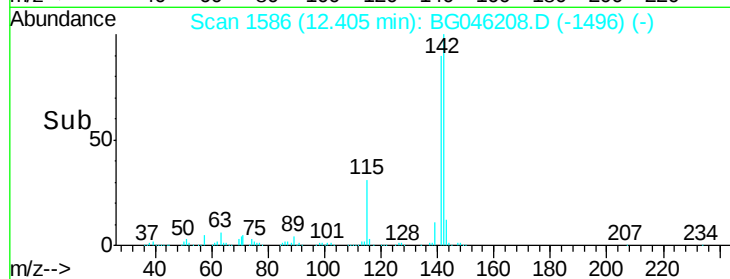
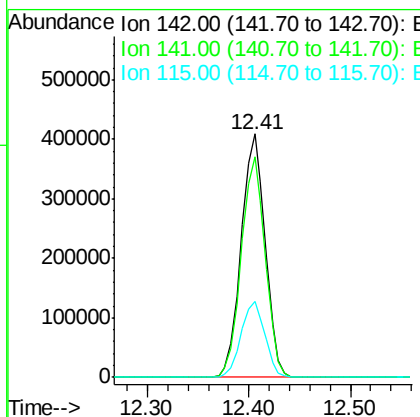
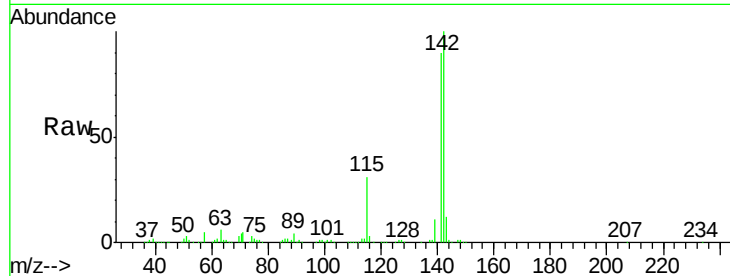
#37
2-Methylnaphthalene
Concen: 41.765 ng
RT: 12.41 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.7	107.5
115	31.4	25.8	38.8

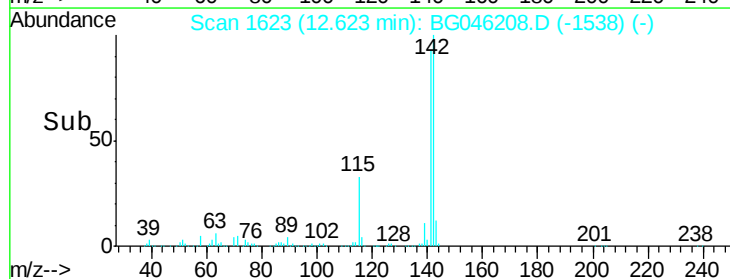
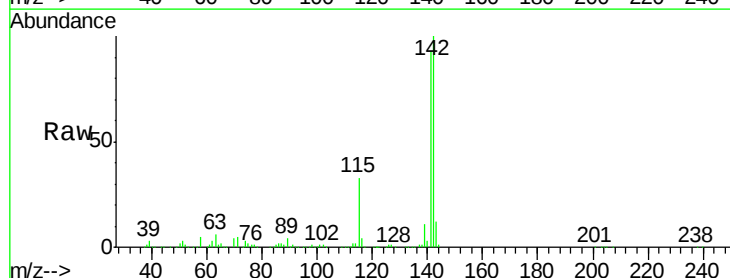
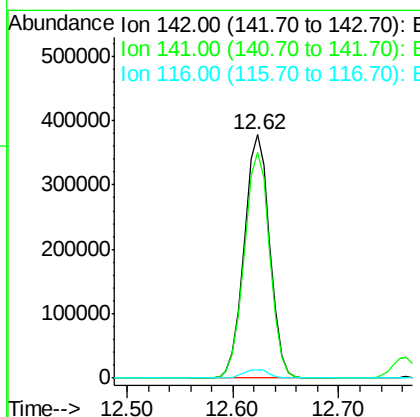
Manual Integrations
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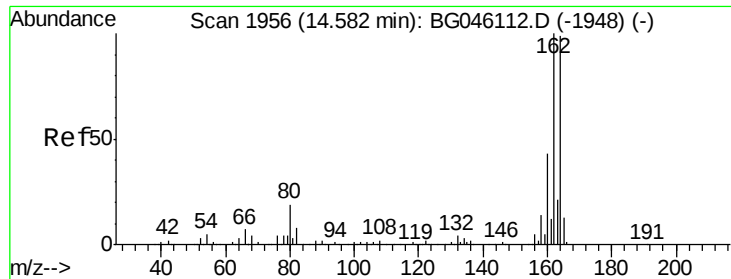
mohammad
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#38
1-Methylnaphthalene
Concen: 41.685 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.0	109.4
116	3.6	2.8	4.2





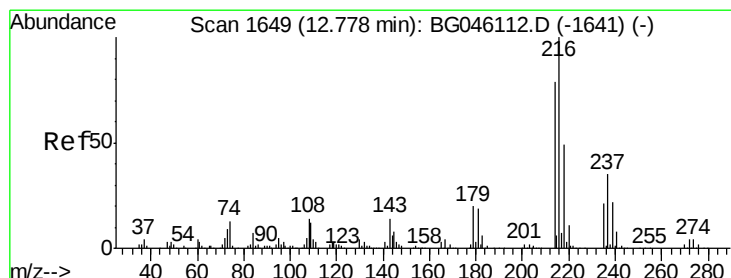
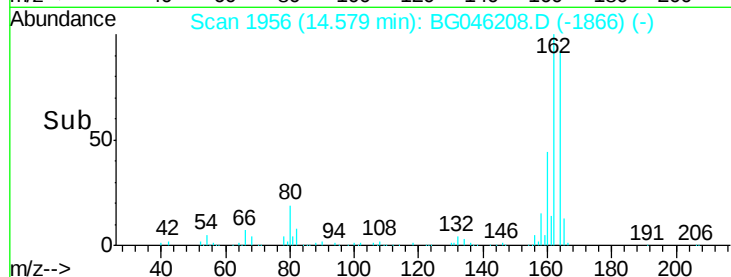
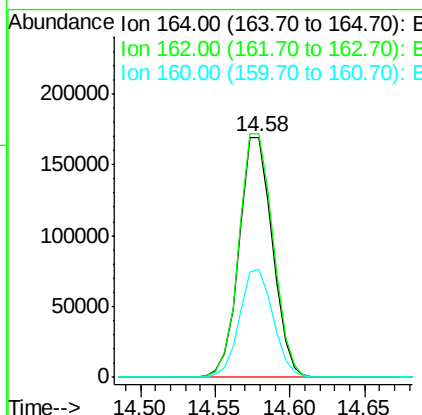
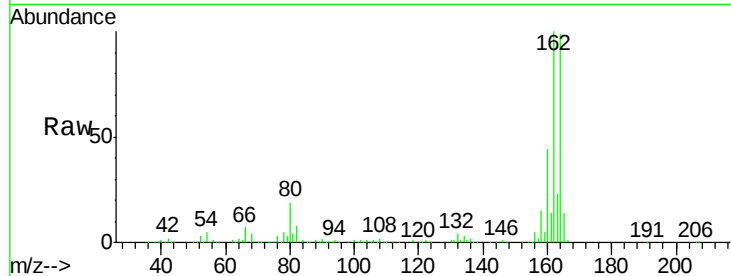
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	262487		
162	101.4	80.6	121.0	
160	44.9	34.9	52.3	

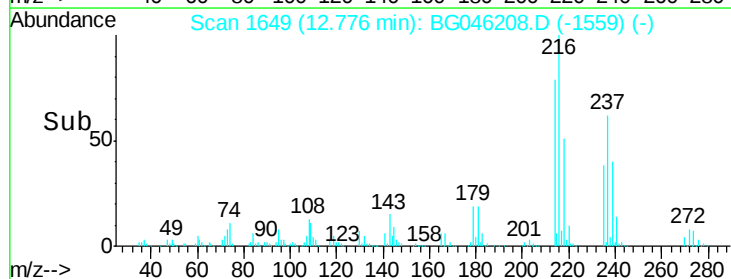
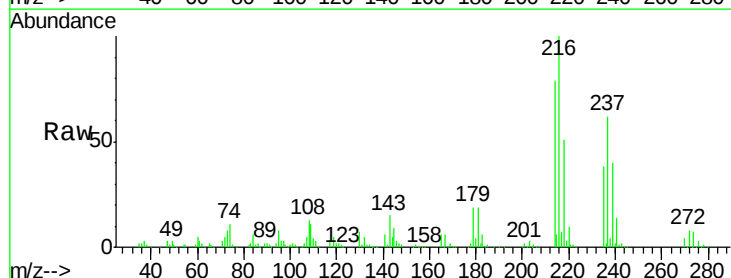
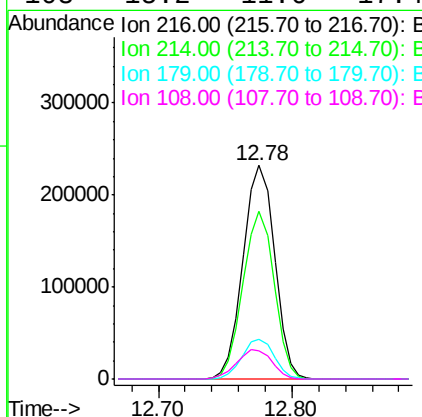
Manual Integrations
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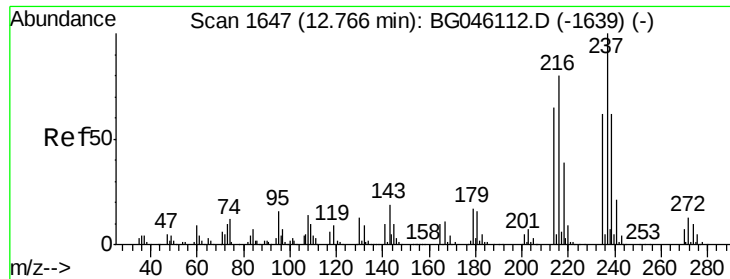
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.285 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	380997		
214	77.6	62.7	94.1	
179	18.9	15.0	22.6	
108	15.2	11.6	17.4	





#41

Hexachlorocyclopentadiene

Concen: 90.481 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

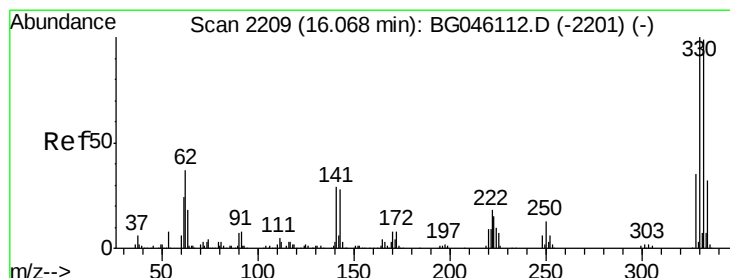
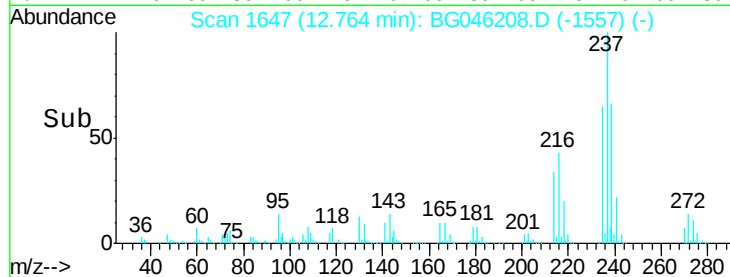
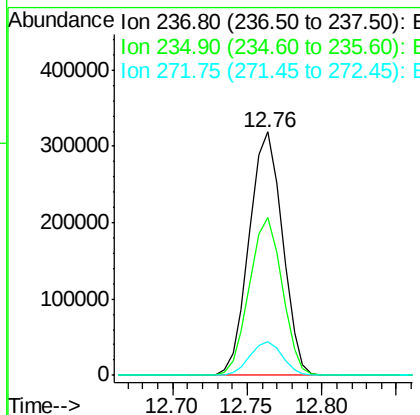
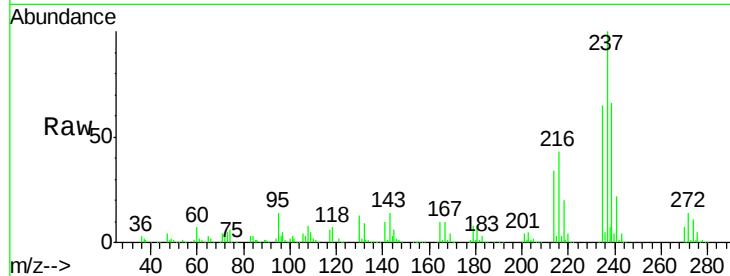
ClientSampleId :

PB130837BSD

Tot Ion:	237	Resp:	490833
Ion Ratio	Lower	Upper	
237	100		
235	65.1	42.3	82.3
272	13.6	0.0	32.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 138.221 ng

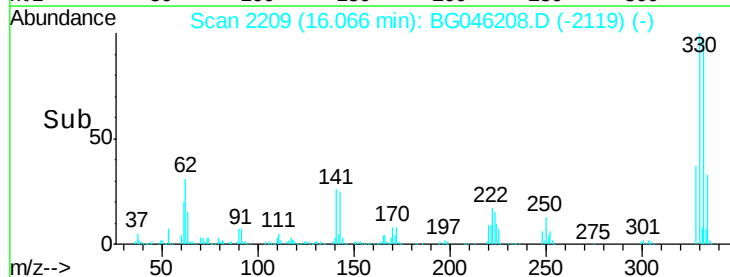
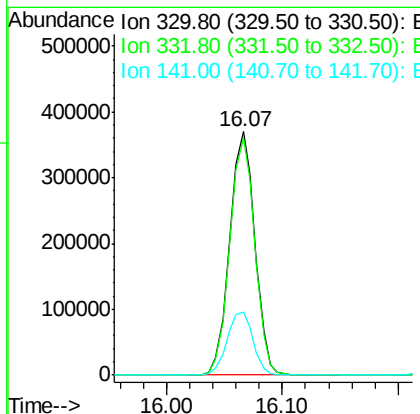
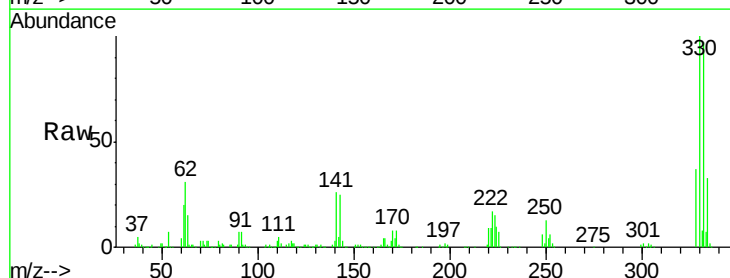
RT: 16.07 min Scan# 2209

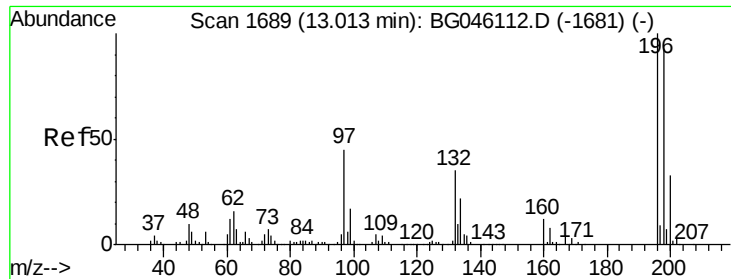
Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:	330	Resp:	557272
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.4	116.2
141	26.6	23.4	35.0





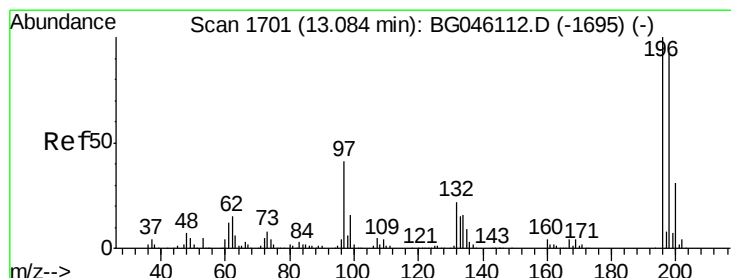
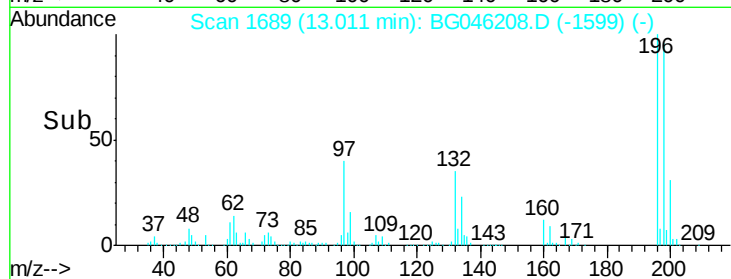
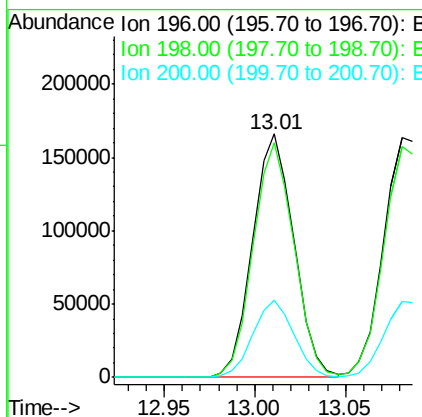
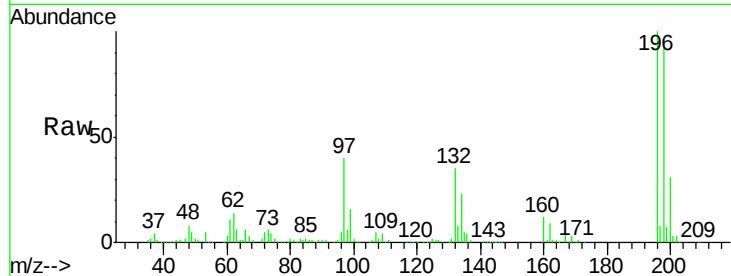
#43
 2,4,6-Trichlorophenol
 Concen: 43.435 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	262077		
198	96.3	74.2	111.4	
200	31.5	26.0	39.0	

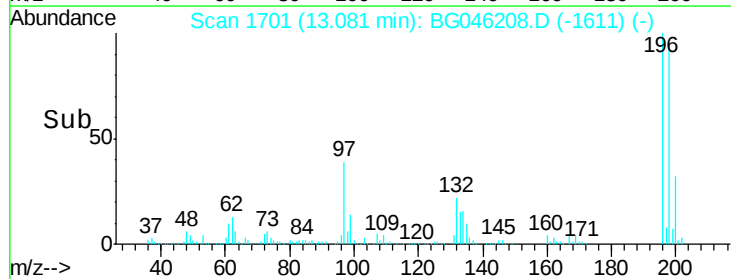
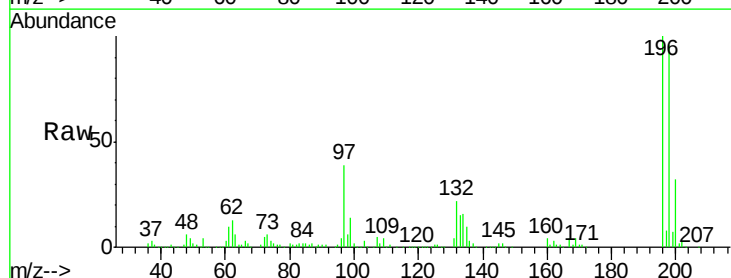
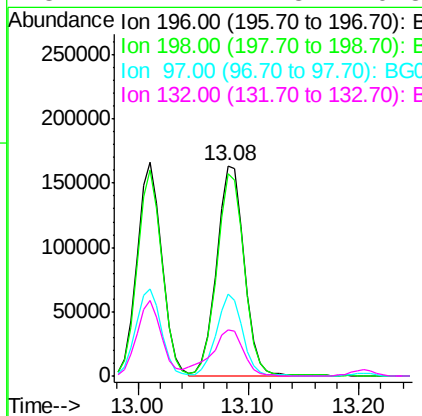
Manual Integrations
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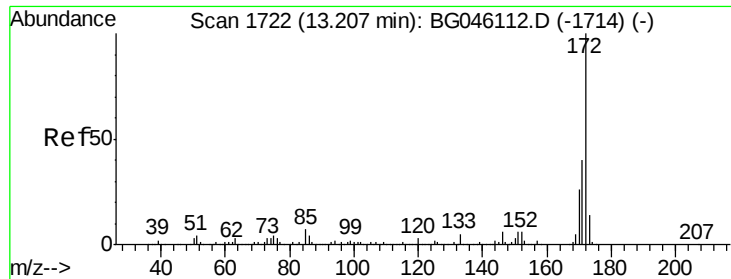
mohammad
 8/11/2020 2:51:46 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.808 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281825		
198	96.4	73.9	110.9	
97	38.7	32.7	49.1	
132	22.1	17.8	26.8	





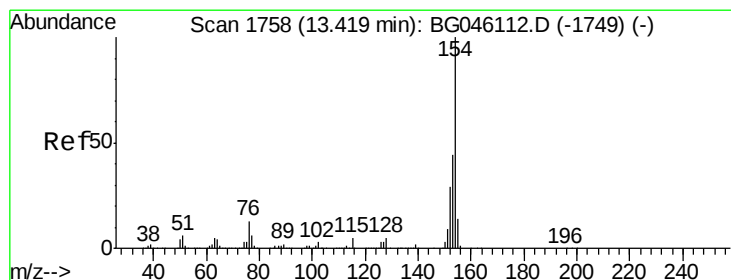
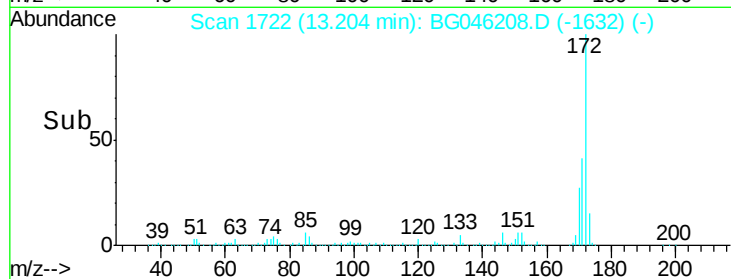
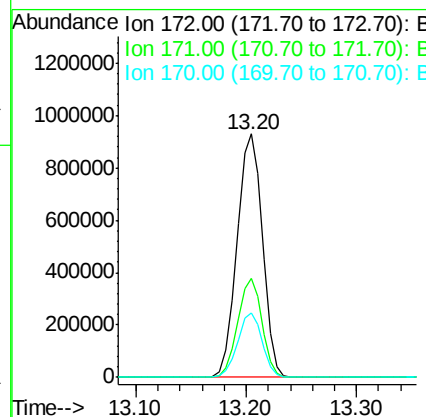
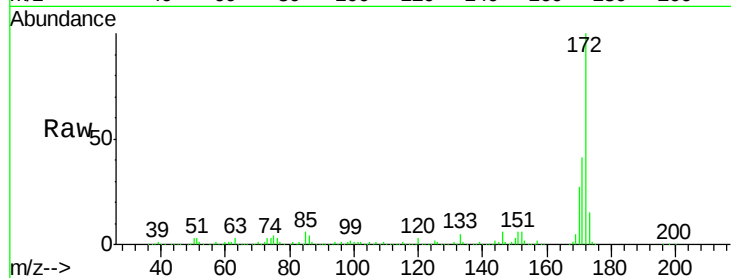
#45
 2-Fluorobiphenyl
 Concen: 83.060 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.8	31.7	47.5
170	26.7	20.9	31.3

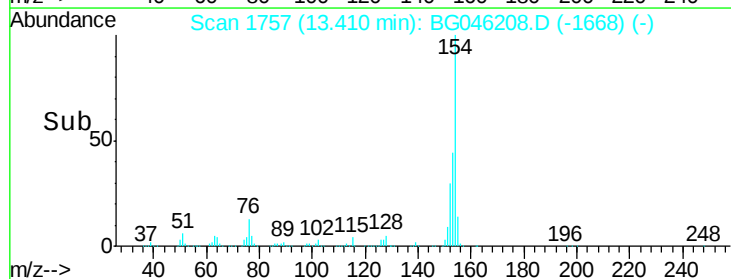
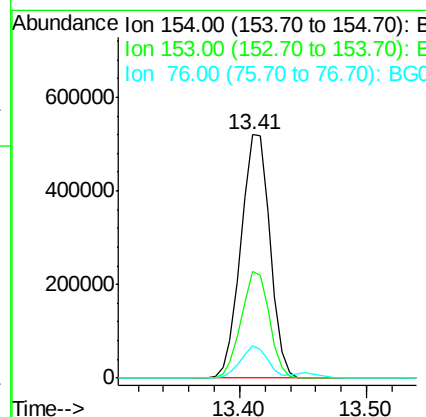
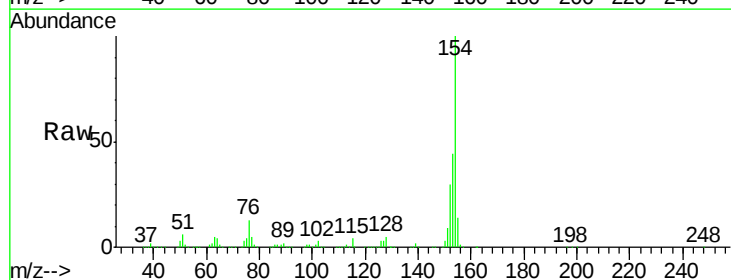
Manual Integrations
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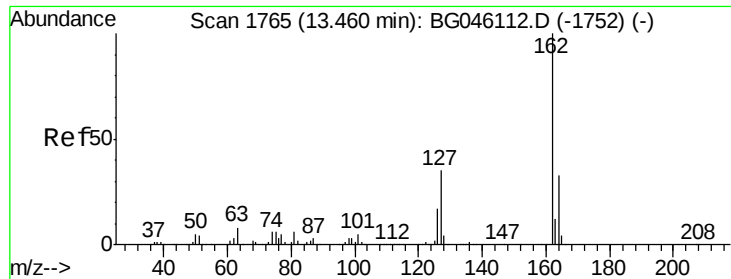
mohammad
 8/11/2020 2:51:46 PM



#46
 1,1'-Biphenyl
 Concen: 40.028 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	23.7	63.7
76	13.3	0.0	32.9





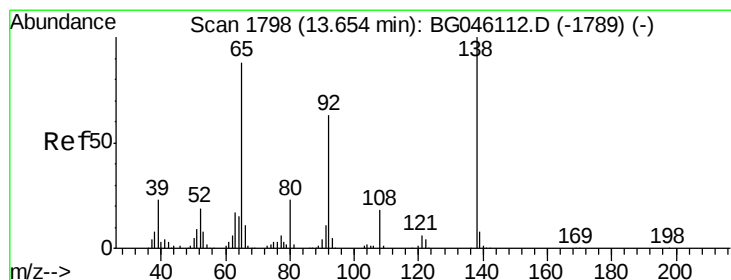
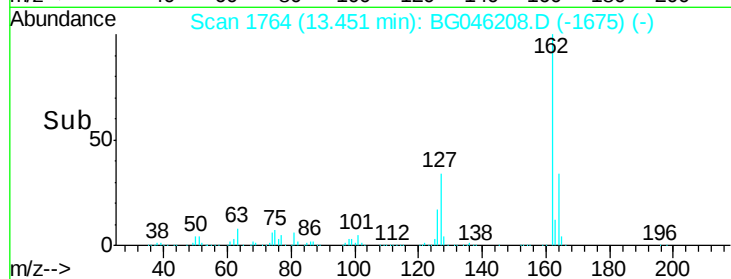
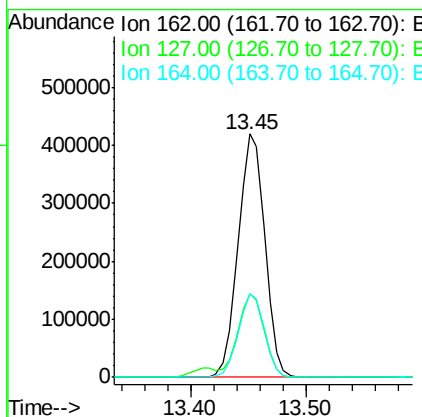
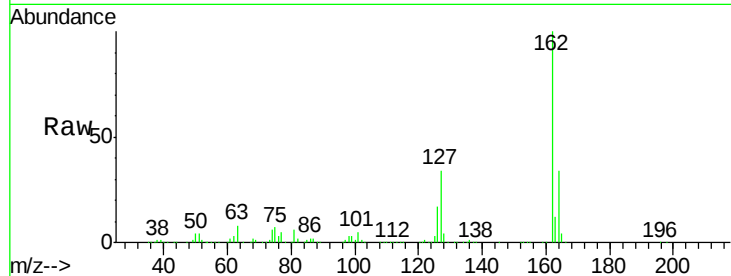
#47
 2-Chloronaphthalene
 Concen: 40.807 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	670256		
127	34.4	28.0	42.0	
164	34.2	26.5	39.7	

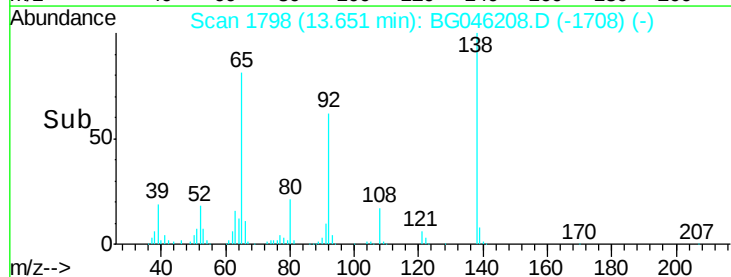
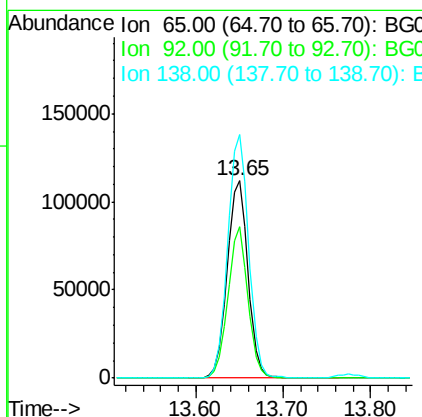
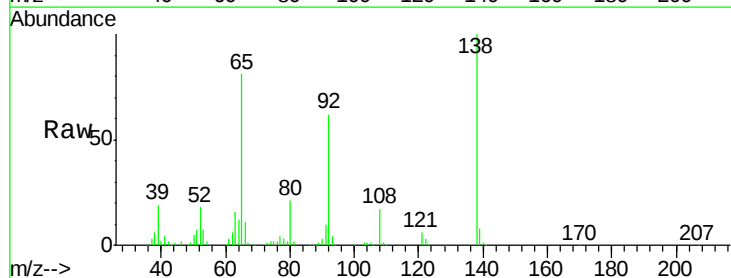
Manual Integrations
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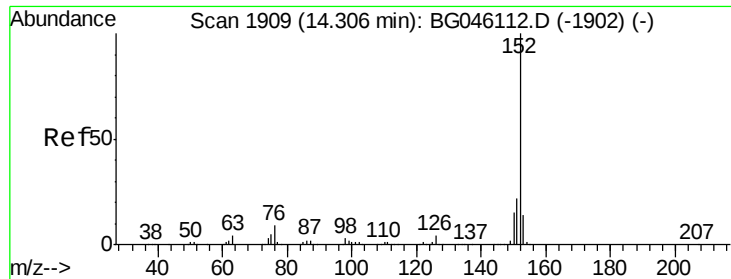
mohammad
 8/11/2020 2:51:46 PM



#48
 2-Nitroaniline
 Concen: 42.622 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	183500		
92	76.9	57.4	86.2	
138	123.3	91.1	136.7	





#49

Acenaphthylene

Concen: 40.534 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

Tot Ion:152 Resp: 1033816

Ion Ratio Lower Upper

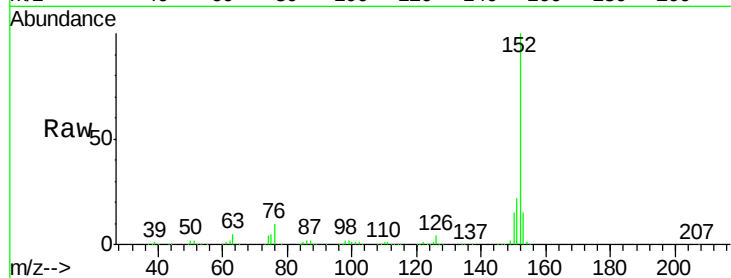
152 100

151 21.9 17.4 26.2

153 14.6 10.9 16.3

Manual Integrations
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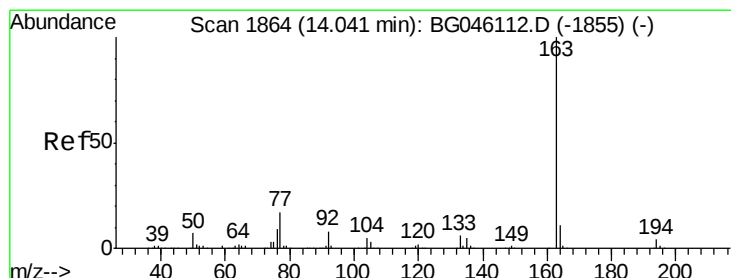
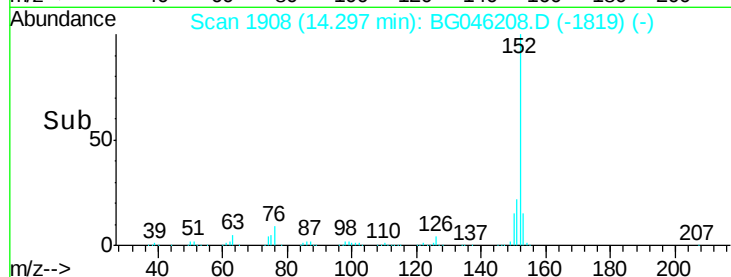
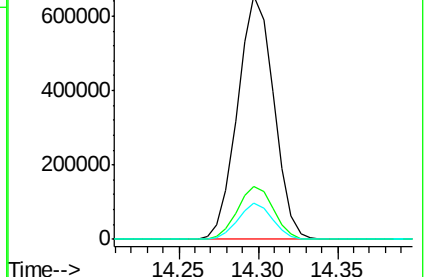
mohammad
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.439 ng

RT: 14.03 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

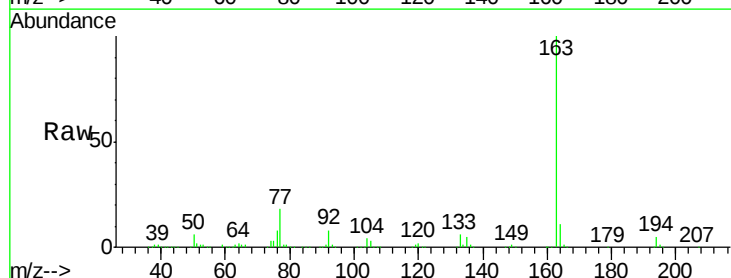
Tgt Ion:163 Resp: 854981

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

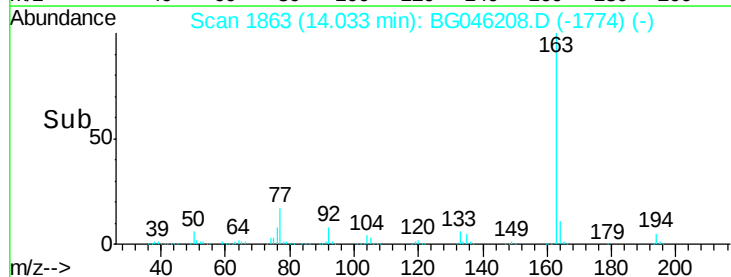
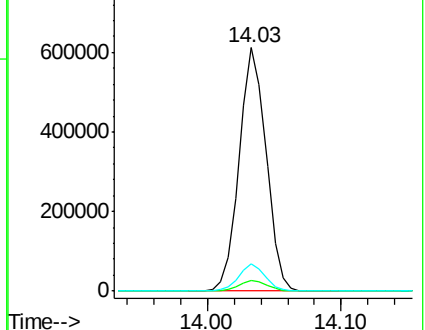
164 11.0 8.8 13.2

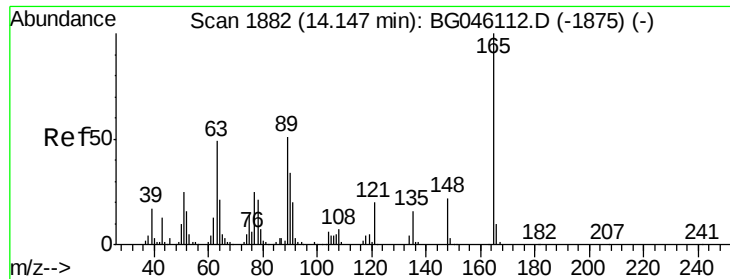


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





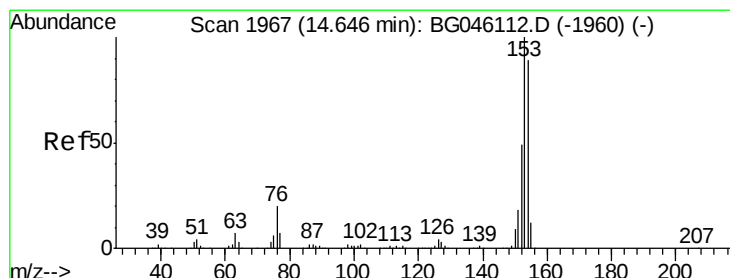
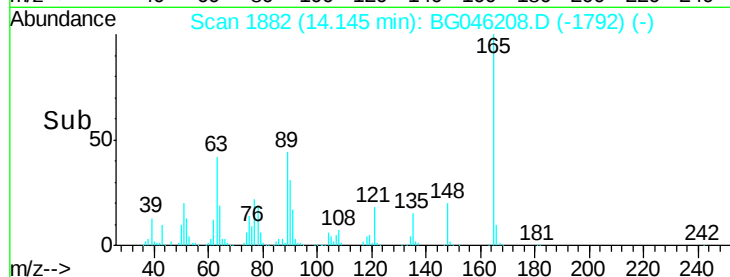
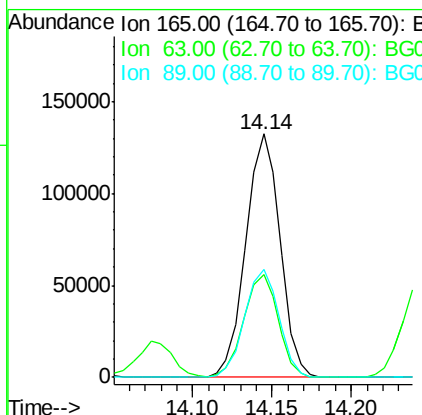
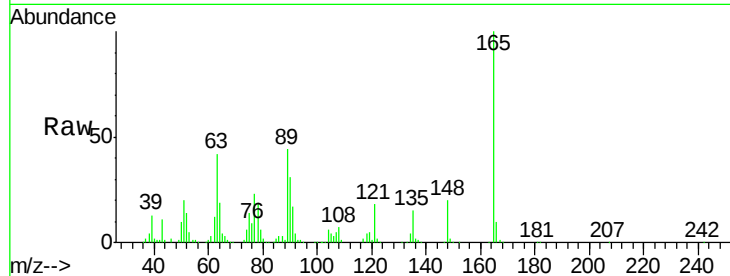
#51
 2,6-Dinitrotoluene
 Concen: 42.534 ng
 RT: 14.14 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199429		
63	42.4		39.7	59.5
89	44.4		41.0	61.6

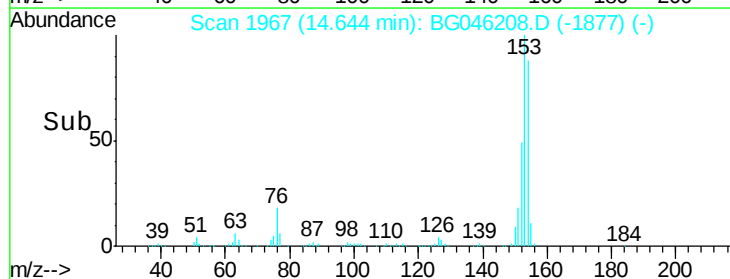
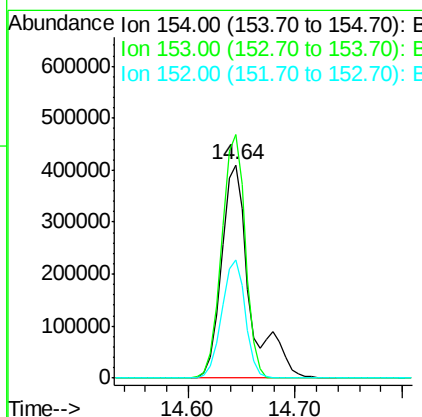
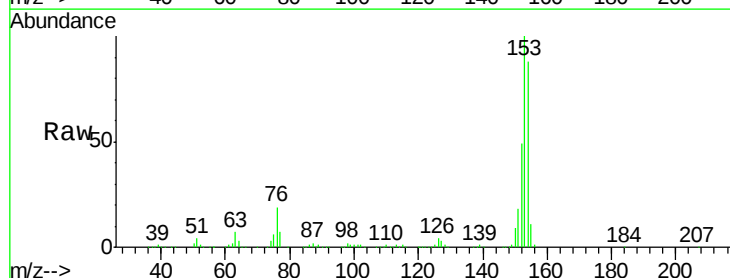
Manual Integrations
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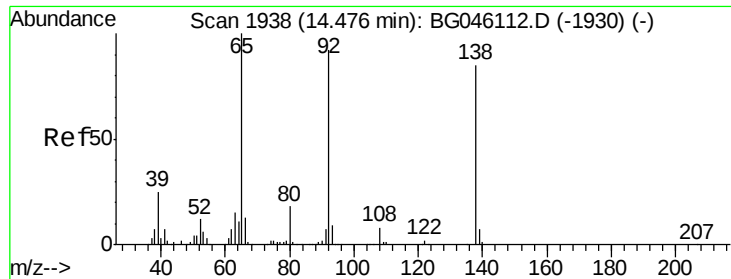
mohammad
 8/11/2020 2:51:46 PM



#52
 Acenaphthene
 Concen: 45.310 ng m
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	762702		
153	114.3		89.8	134.8
152	55.6		44.5	66.7





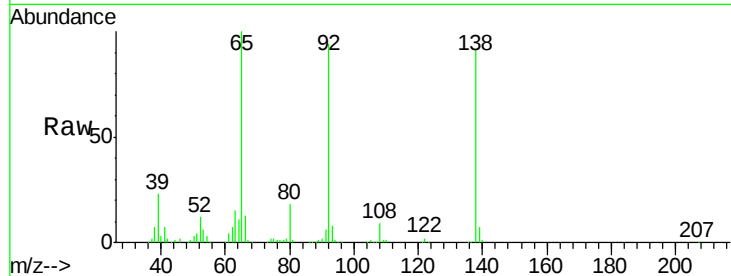
#53
3-Nitroaniline
Concen: 37.332 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

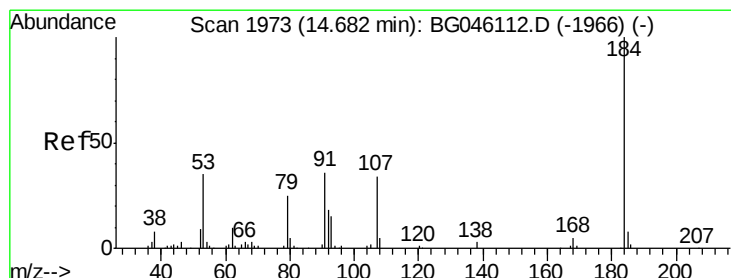
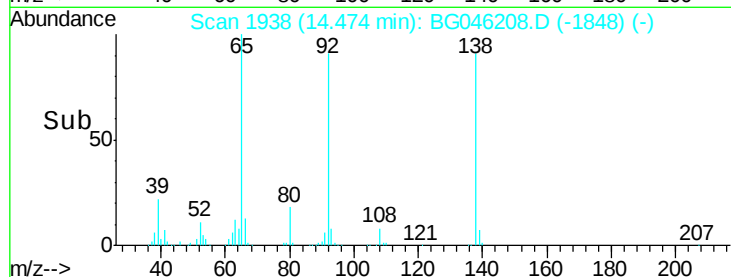
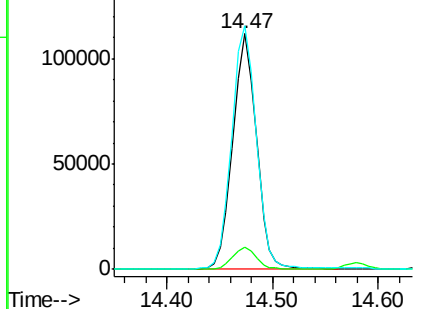
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.2	10.8
92	103.4	87.5	131.3

Manual Integrations
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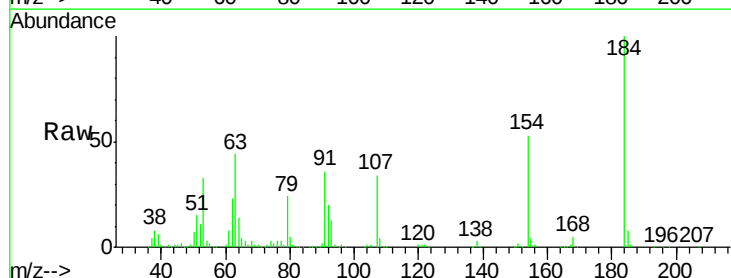


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

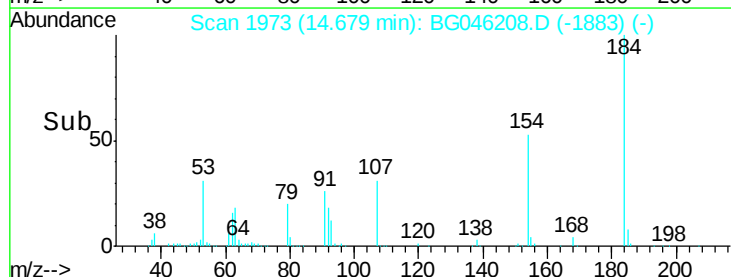
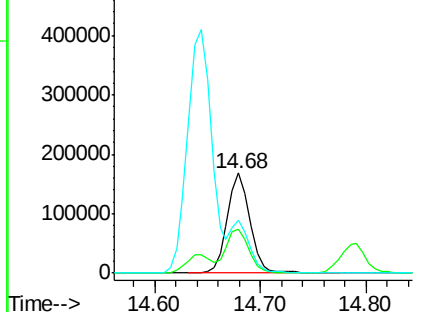


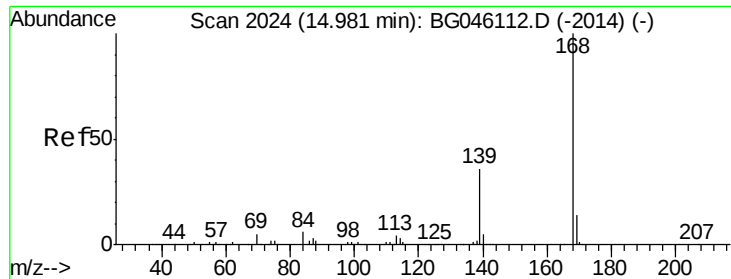
#54
2,4-Dinitrophenol
Concen: 84.184 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.4	36.7	55.1
154	52.9	41.3	61.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





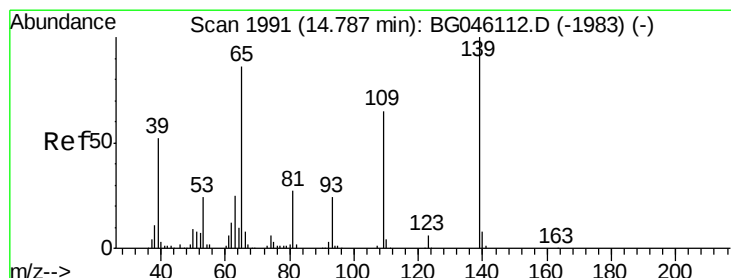
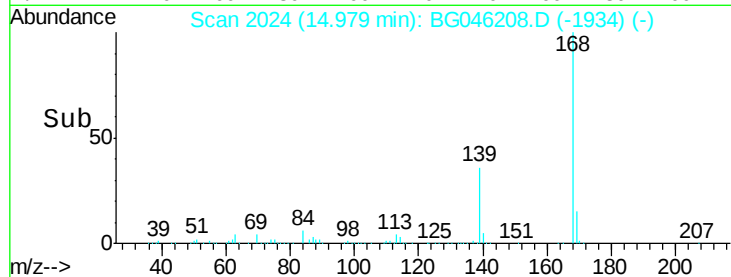
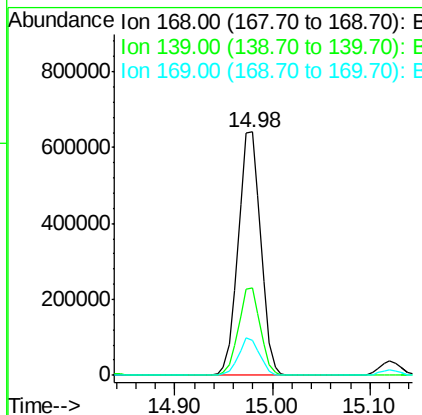
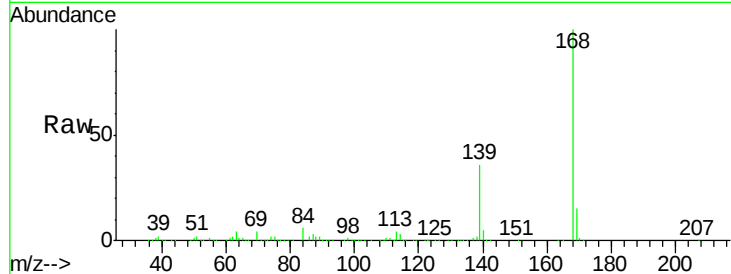
#55
Dibenzenofuran
Concen: 40.232 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.0	43.4
169	14.6	11.3	16.9

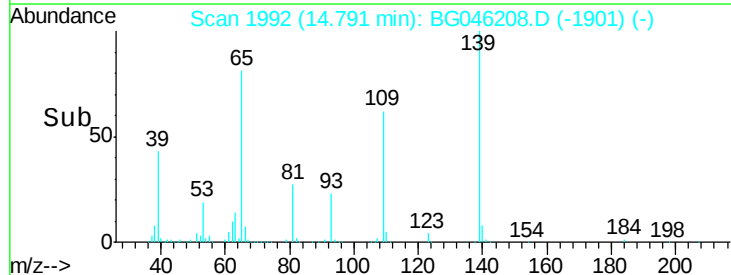
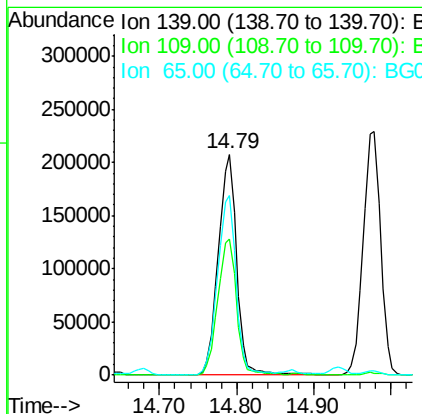
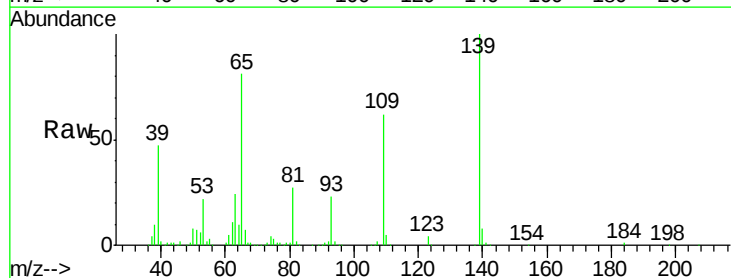
Manual Integrations
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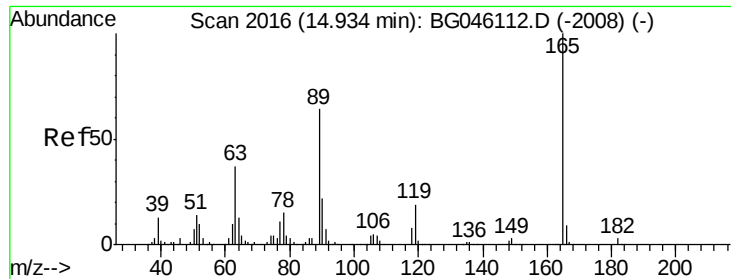
mohammad
8/11/2020 2:51:46 PM



#56
4-Nitrophenol
Concen: 85.708 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.8	45.1	85.1
65	81.4	66.4	106.4





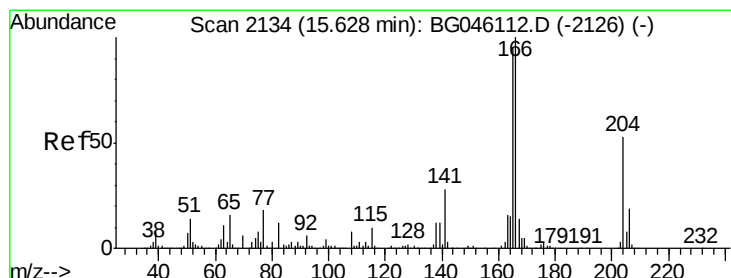
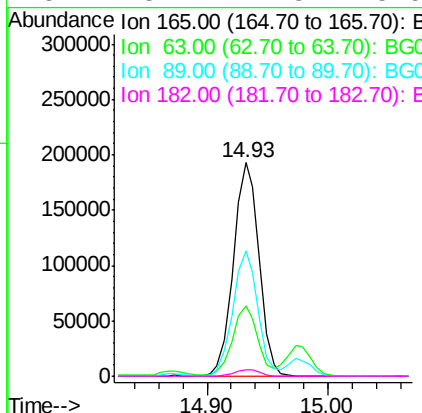
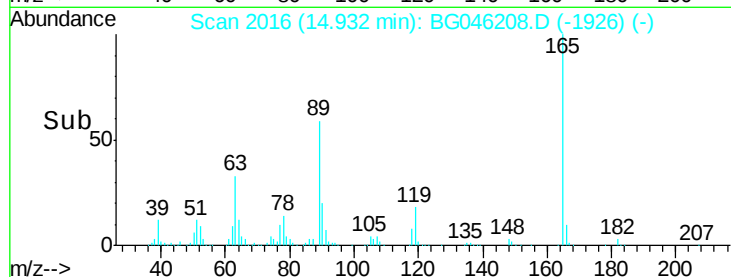
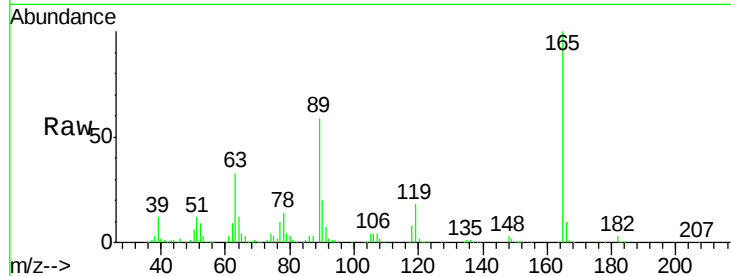
#57
 2,4-Dinitrotoluene
 Concen: 44.083 ng
 RT: 14.93 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		284185		
63	32.7		30.1	45.1	
89	59.0		51.4	77.2	
182	3.2		2.3	3.5	

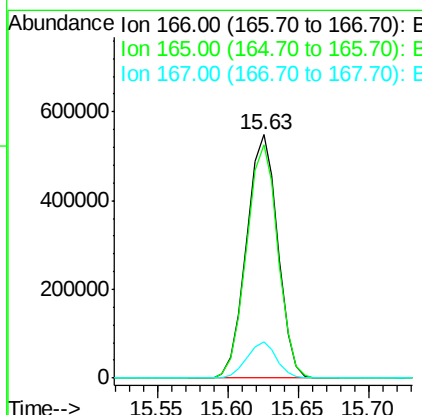
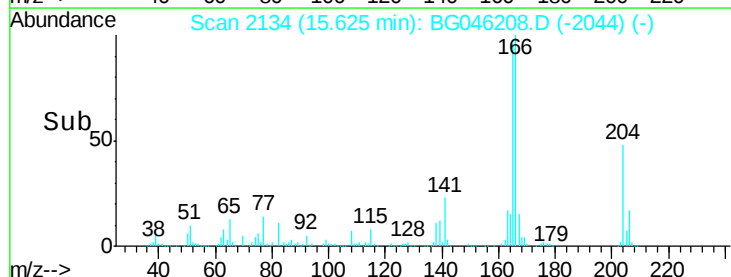
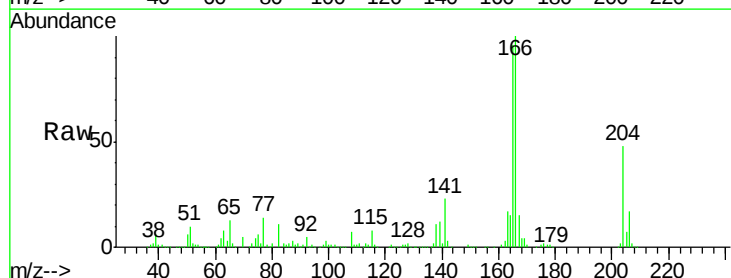
Manual Integrations
 APPROVED

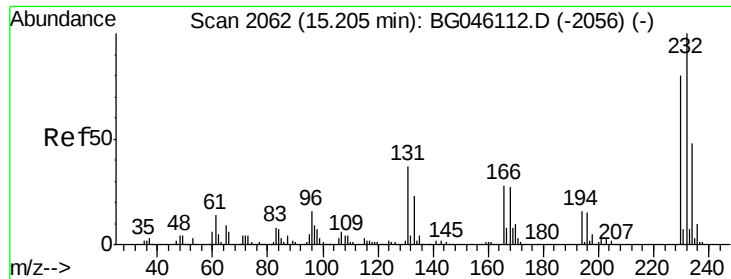
mohammad
 8/11/2020 2:51:46 PM



#58
 Fluorene
 Concen: 41.457 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		852748		
165	95.8		76.3	114.5	
167	14.7		11.0	16.6	





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.621 ng

RT: 15.20 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

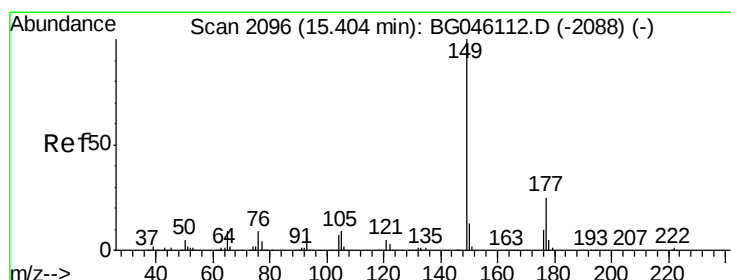
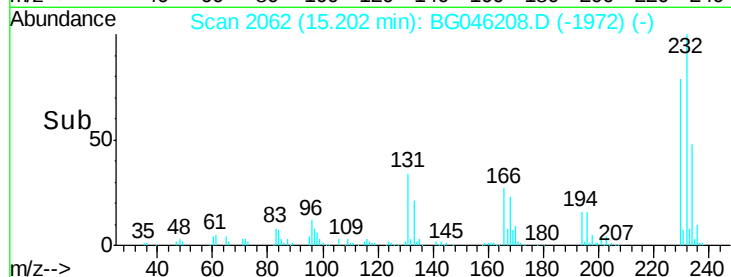
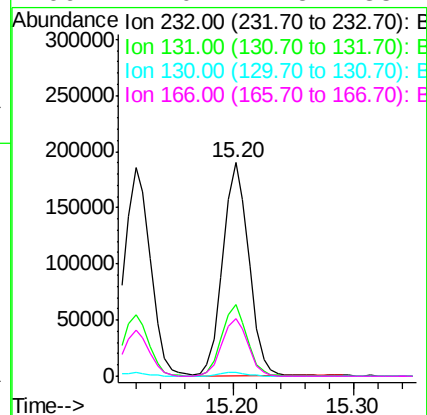
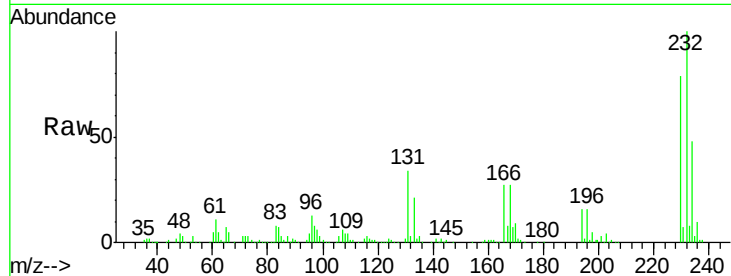
ClientSampleId :

PB130837BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	282899		
131	32.3		28.6	42.8
130	1.8		1.6	2.4
166	27.0		22.5	33.7

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#60

Diethylphthalate

Concen: 42.467 ng

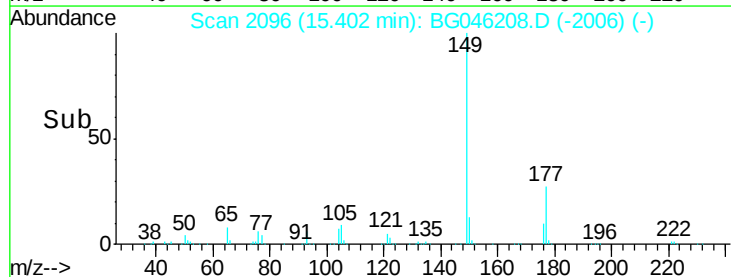
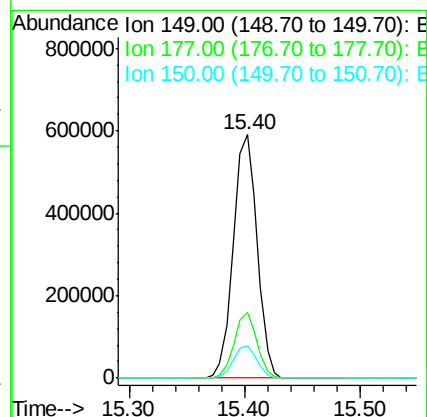
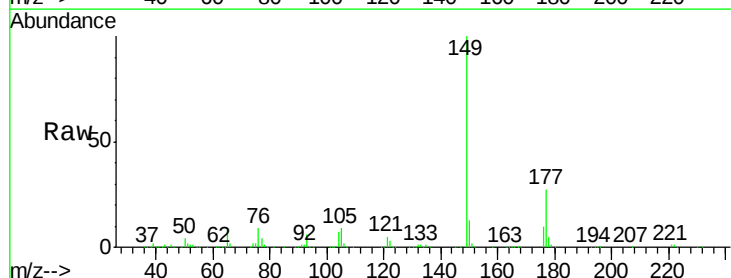
RT: 15.40 min Scan# 2096

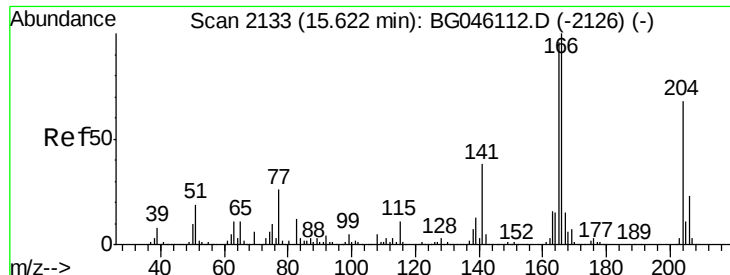
Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	841626		
177	26.9		19.7	29.5
150	13.4		10.8	16.2





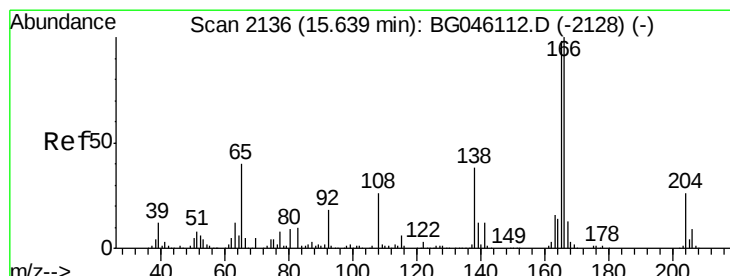
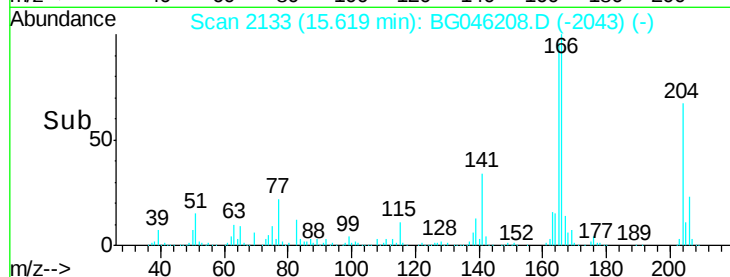
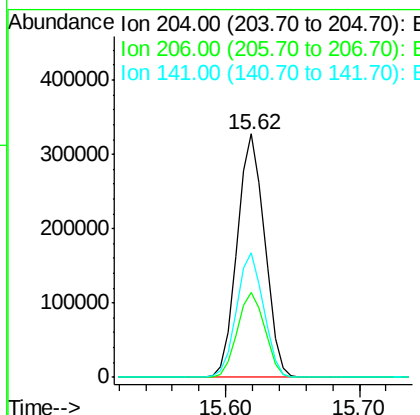
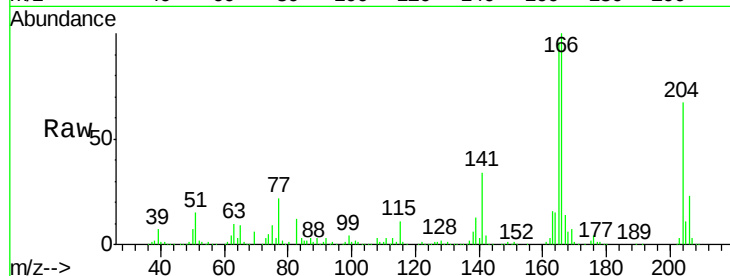
#61
 4-Chlorophenyl-phenylether
 Concen: 43.448 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.7	41.5
141	51.1	44.7	67.1

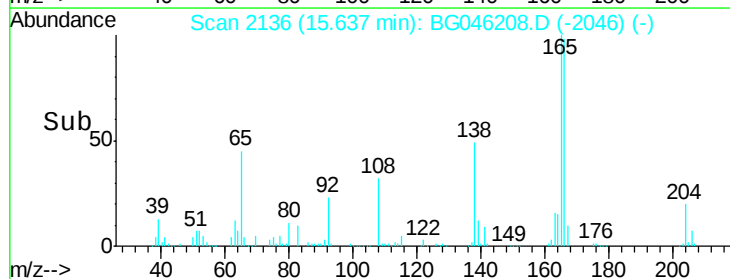
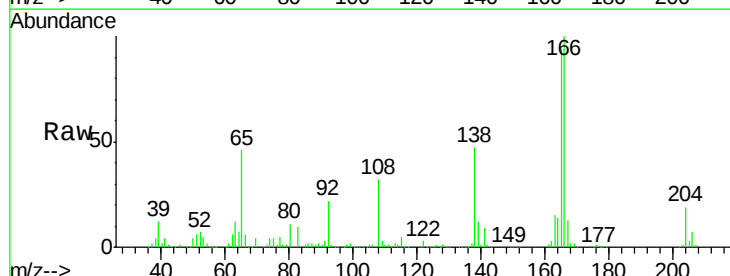
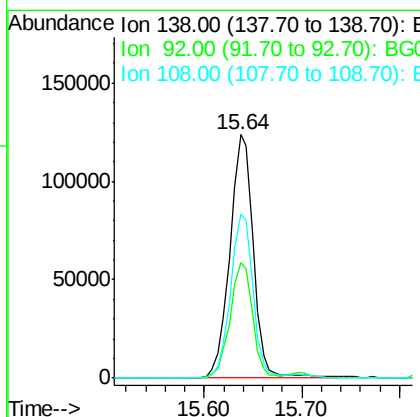
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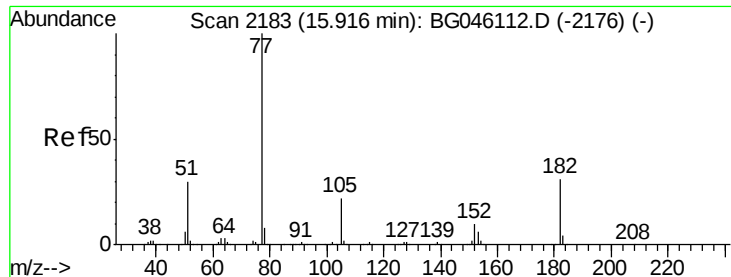
mohammad
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#62
 4-Nitroaniline
 Concen: 44.161 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	28.3	68.3
108	67.6	49.2	89.2





#63

Azobenzene

Concen: 38.374 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

Tot Ion: 77 Resp: 712746

Ion Ratio Lower Upper

77 100

182 35.8 10.7 50.7

105 23.1 1.9 41.9

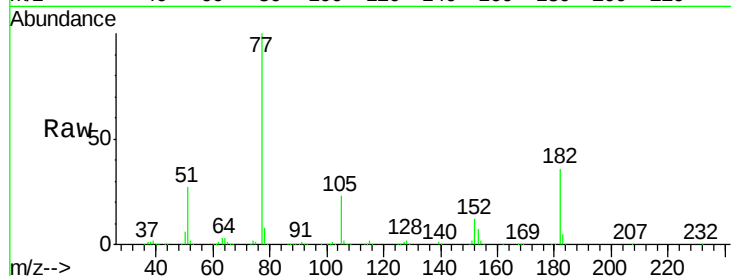
51 27.2 9.5 49.5

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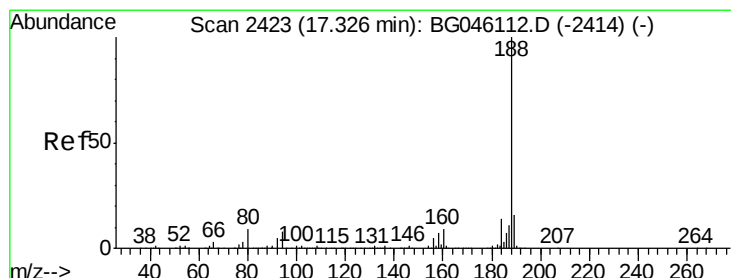
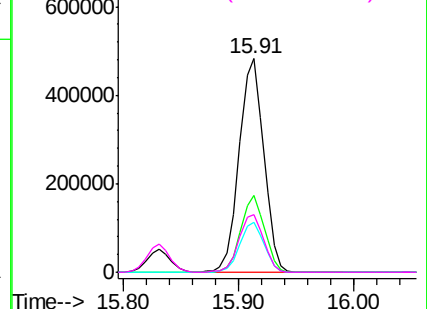
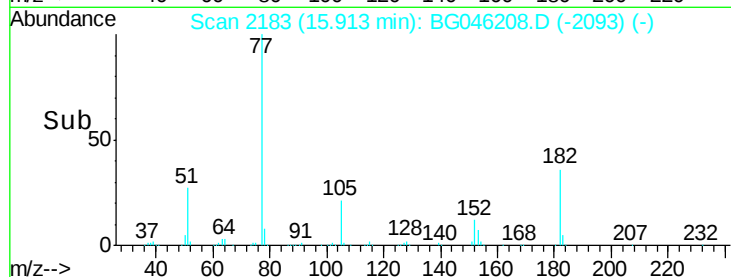


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

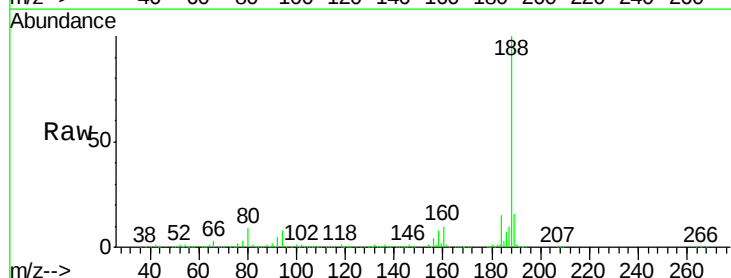
Tgt Ion: 188 Resp: 621408

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

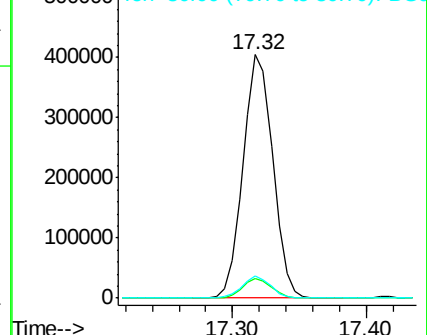
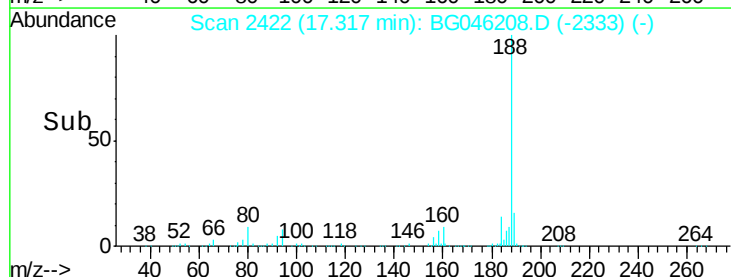
80 8.9 7.4 11.0

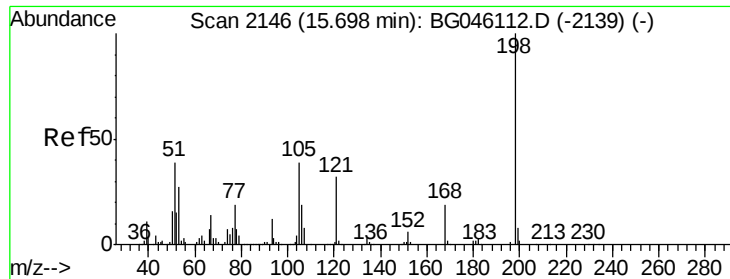


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.456 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

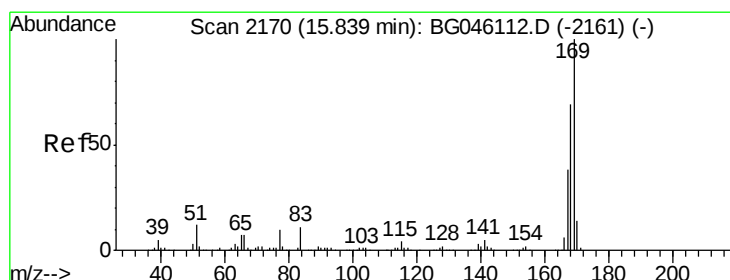
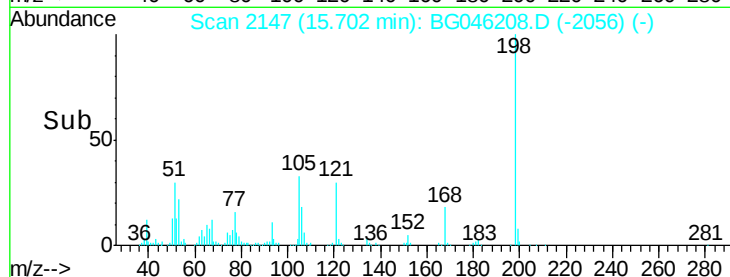
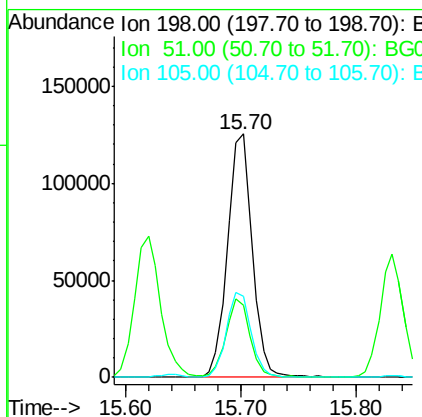
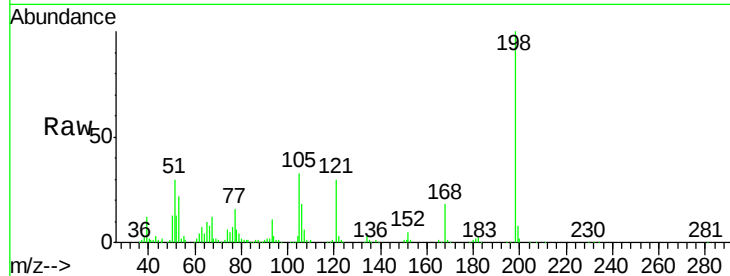
ClientSampleId :

PB130837BSD

Tot Ion:	198	Resp:	186811
Ion Ratio	Lower	Upper	
198	100		
51	29.8	20.1	60.1
105	33.3	19.2	59.2

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#66

n-Nitrosodiphenylamine

Concen: 41.050 ng

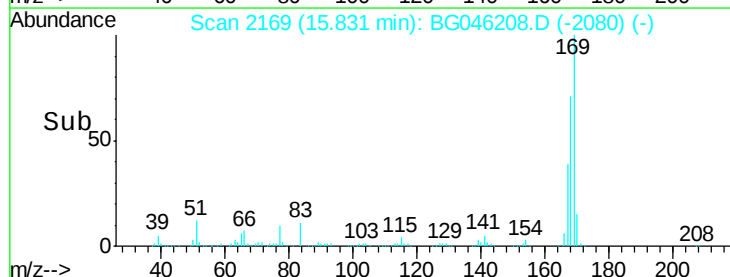
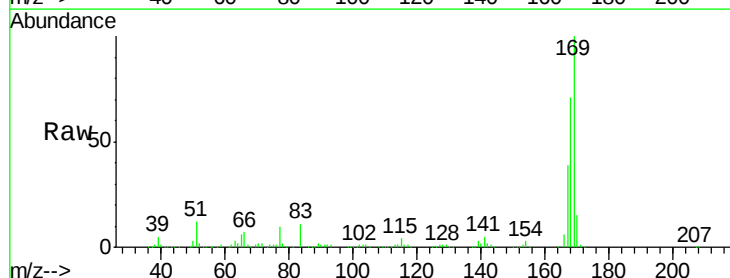
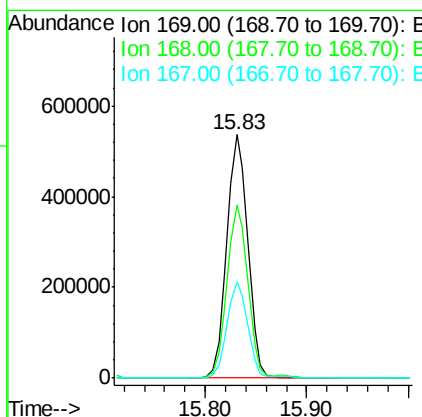
RT: 15.83 min Scan# 2169

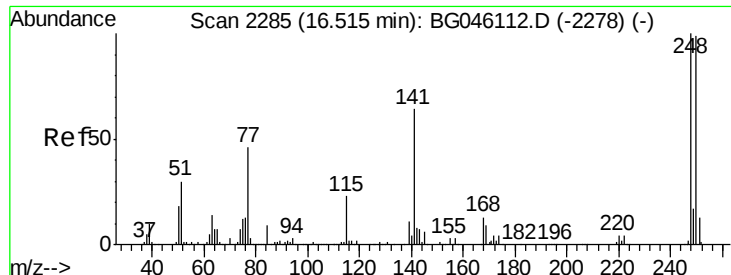
Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:	169	Resp:	772146
Ion Ratio	Lower	Upper	
169	100		
168	71.4	55.1	82.7
167	39.3	30.5	45.7





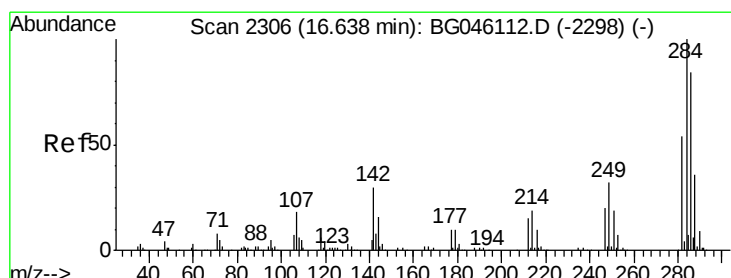
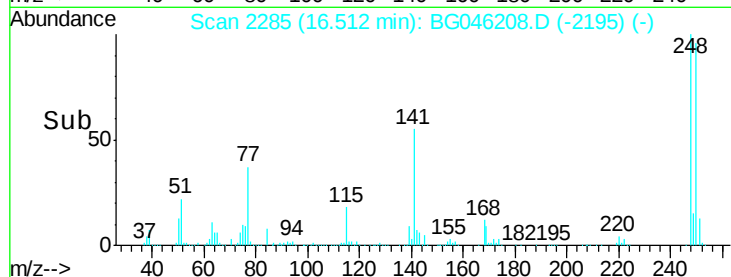
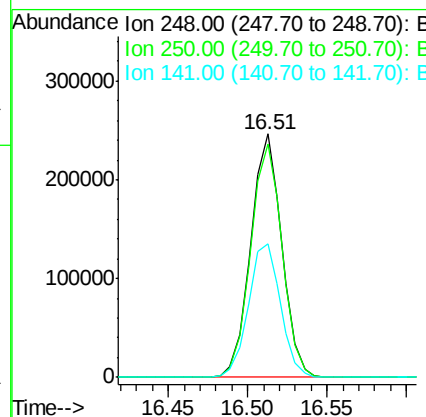
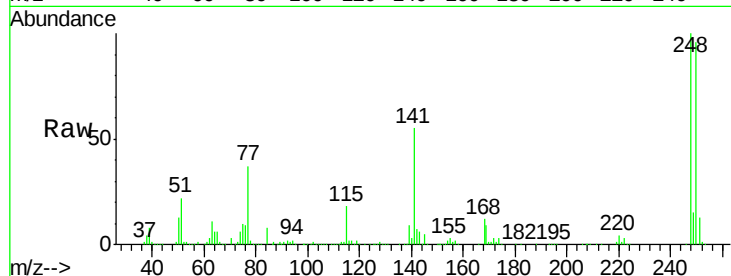
#67
 4-Bromophenyl-phenylether
 Concen: 43.510 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.4	119.0
141	54.6	50.9	76.3

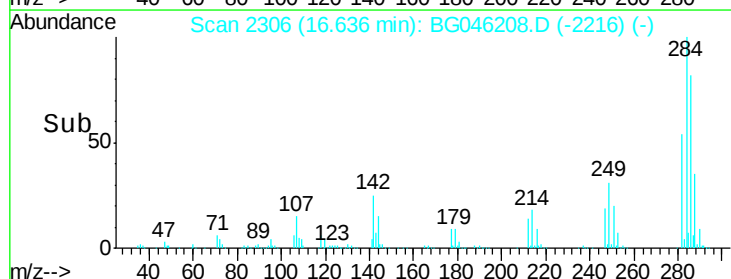
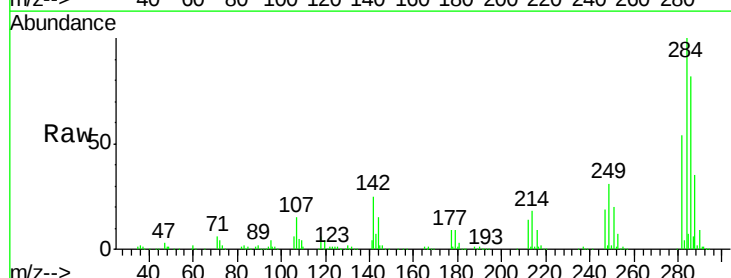
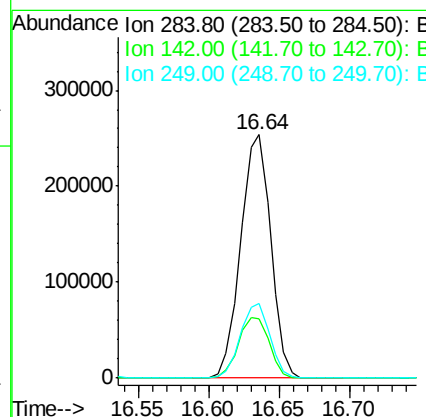
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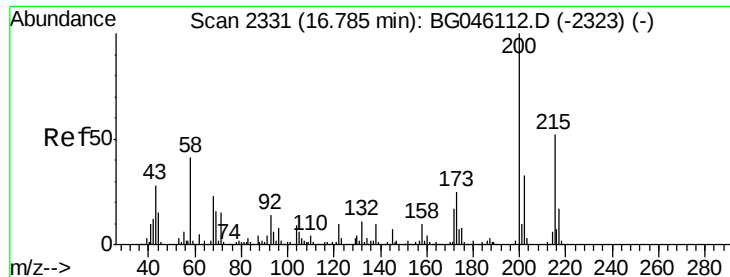
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#68
 Hexachlorobenzene
 Concen: 43.836 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.6	23.6	35.4
249	30.6	25.3	37.9





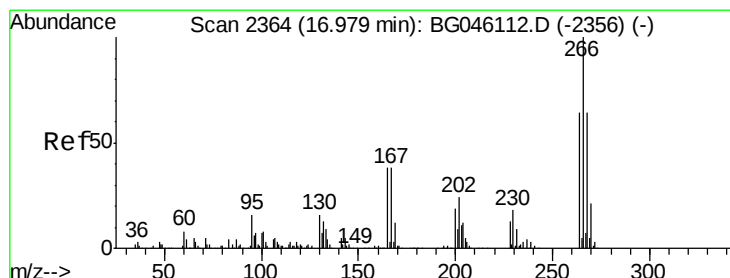
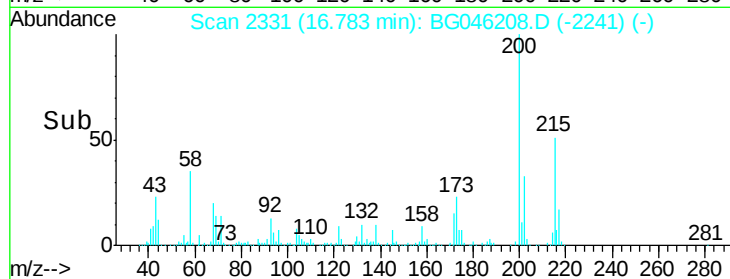
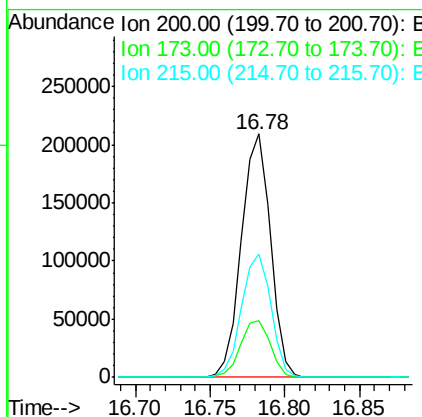
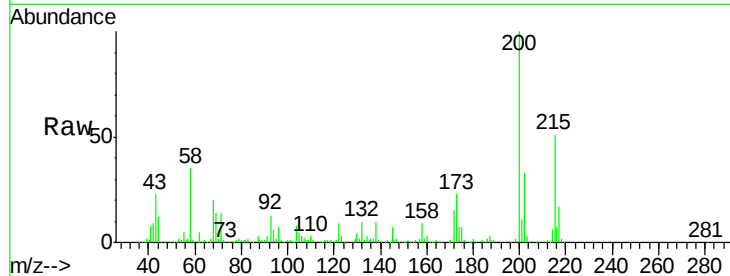
#69
Atrazine
Concen: 39.103 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	283227		
173	23.3	5.3	45.3	
215	50.8	31.5	71.5	

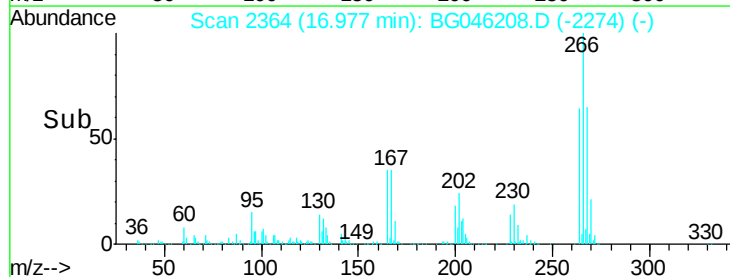
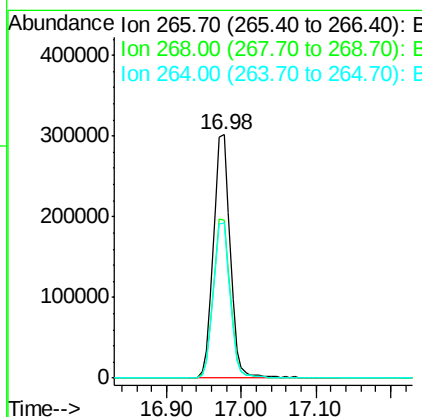
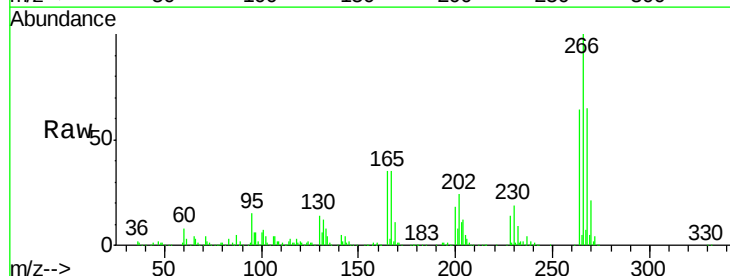
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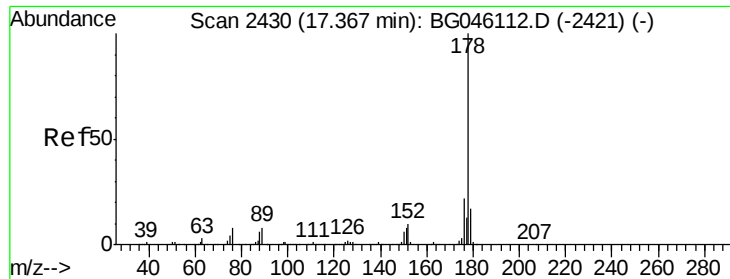
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#70
Pentachlorophenol
Concen: 84.696 ng
RT: 16.98 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	473066		
268	65.0	51.2	76.8	
264	63.9	51.1	76.7	





#71

Phenanthrene

Concen: 40.629 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

Tot Ion:178 Resp: 1383004

Ion Ratio Lower Upper

178 100

176 21.7 17.3 25.9

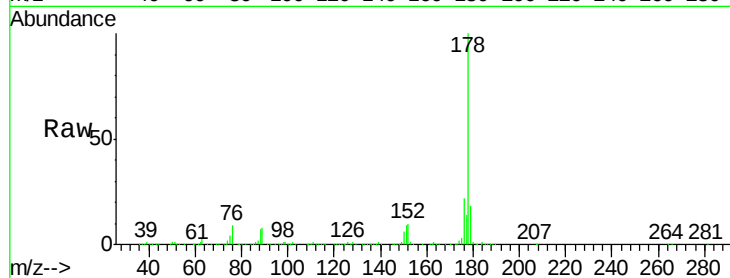
179 17.9 13.8 20.6

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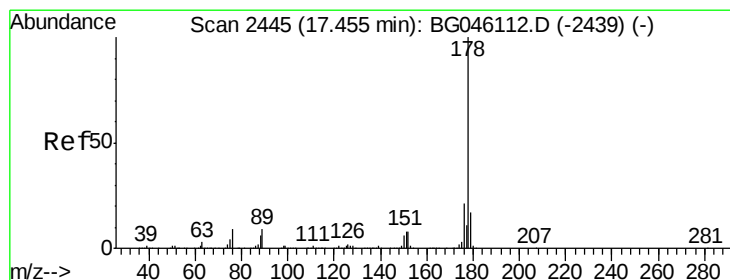
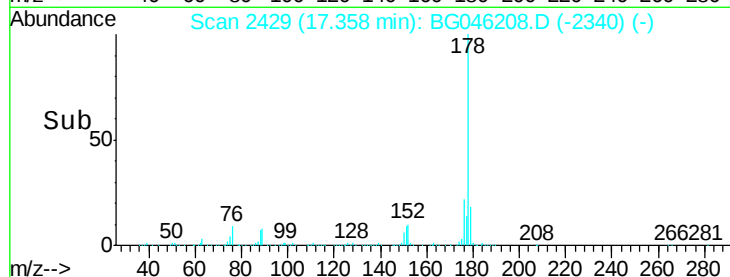
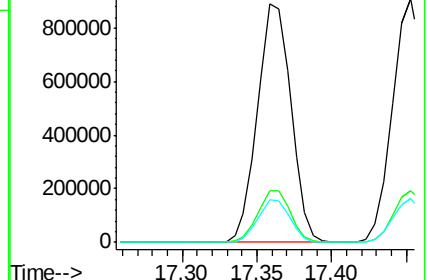
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.735 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:178 Resp: 1413076

Ion Ratio Lower Upper

178 100

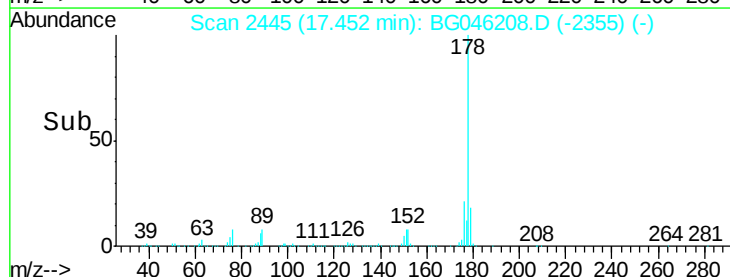
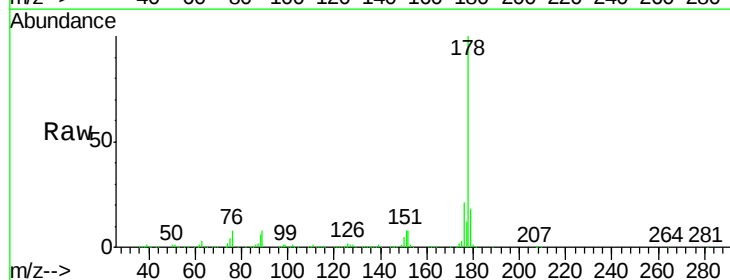
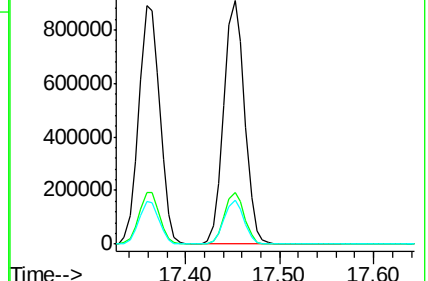
176 21.2 16.6 24.8

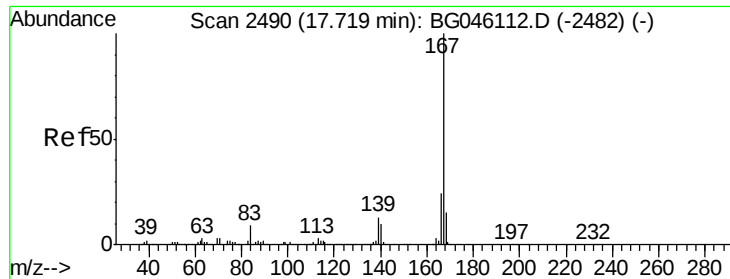
179 17.8 13.4 20.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





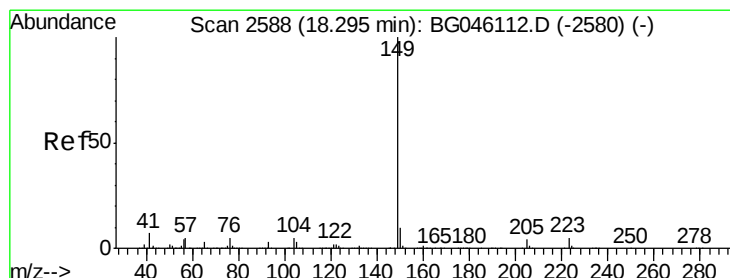
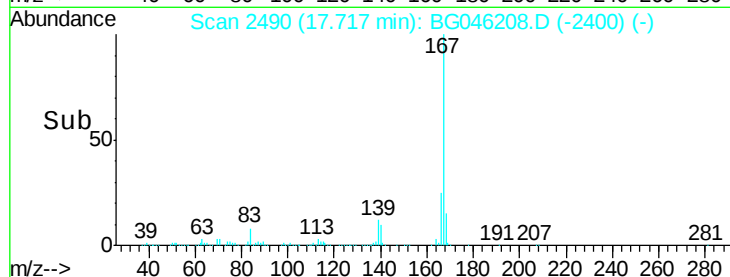
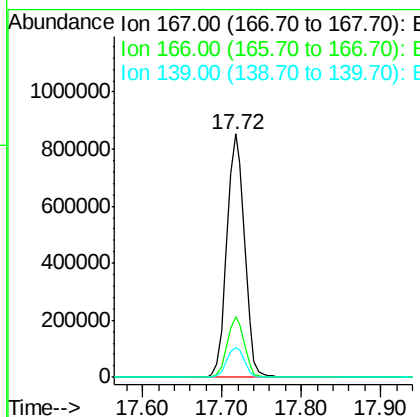
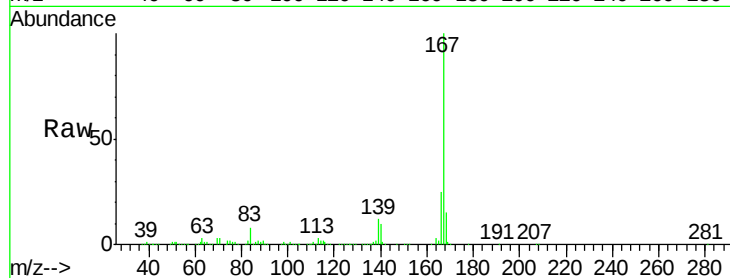
#73
 Carbazole
 Concen: 40.531 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.4	29.0
139	12.3	10.1	15.1

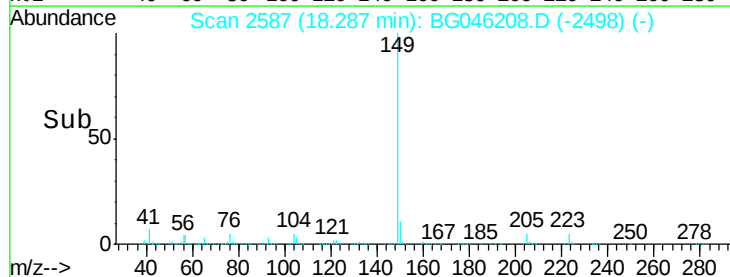
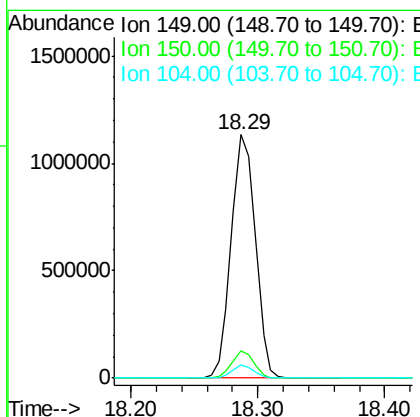
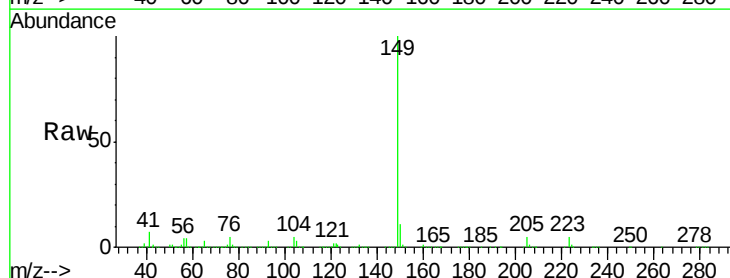
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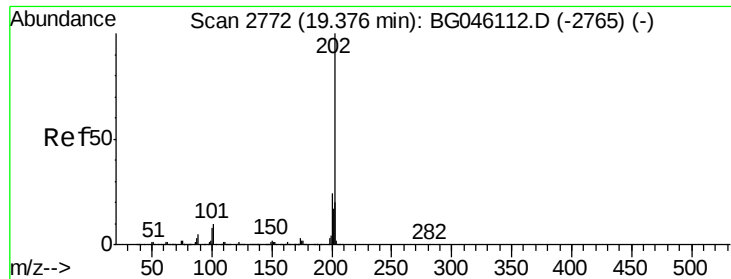
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.601 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.4	12.6
104	5.3	4.2	6.2





#75

Fluoranthene

Concen: 41.837 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

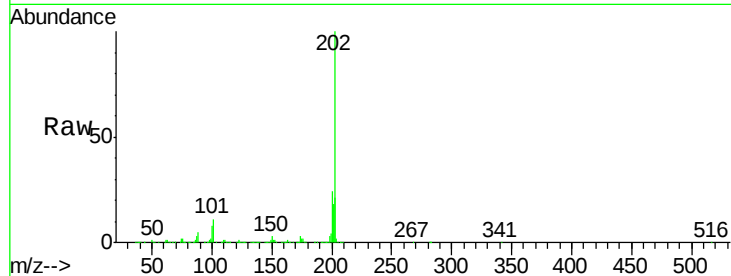
ClientSampleId :

PB130837BSD

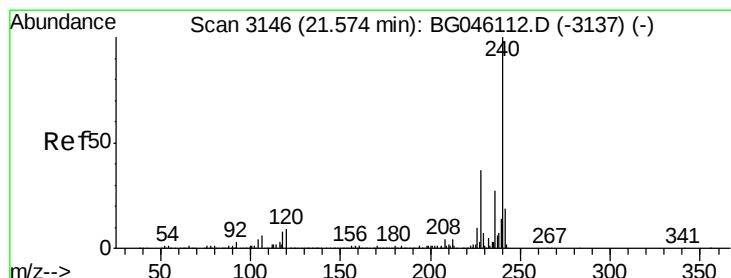
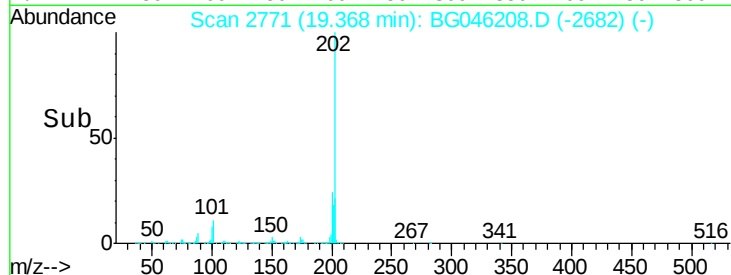
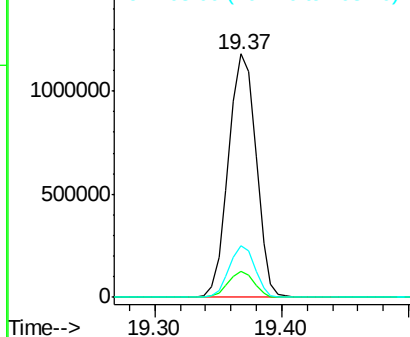
Tot Ion:	202	Resp:	1777937
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.0
203	21.1	0.2	40.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

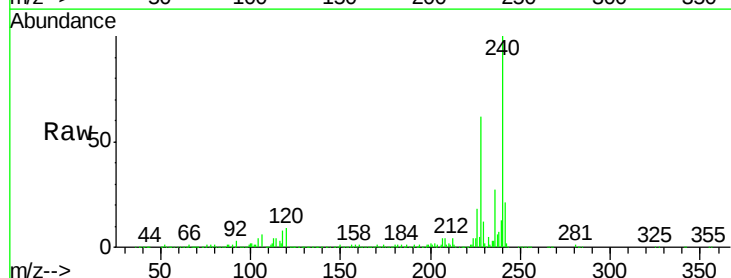
RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

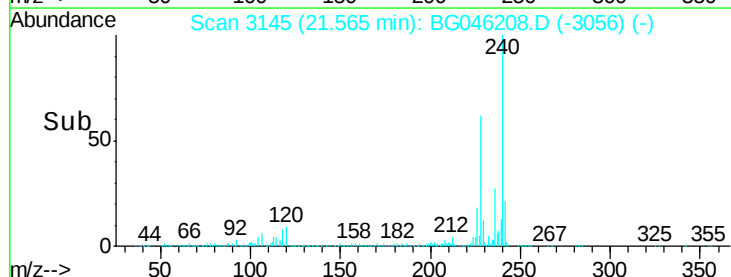
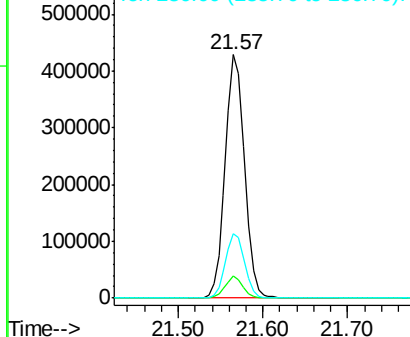
Lab File: BG046208.D

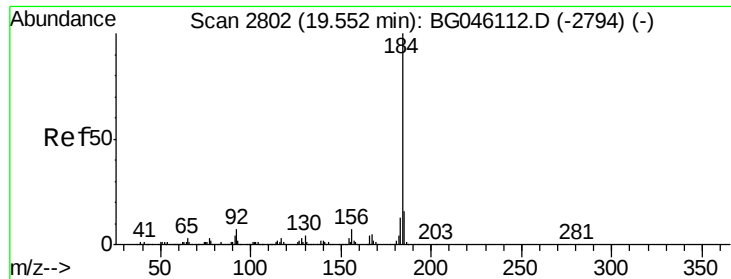
Acq: 10 Aug 2020 15:56

Tgt Ion:	240	Resp:	675105
Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.1	10.7
236	26.7	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: 44.536 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

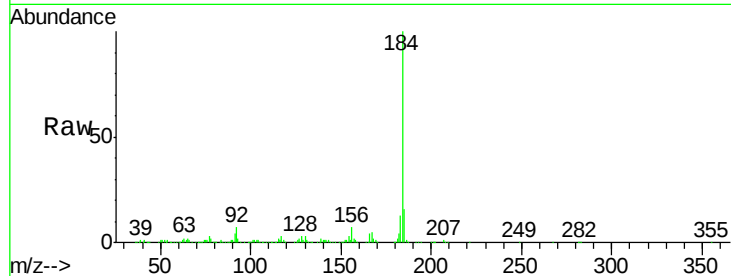
ClientSampleId :

PB130837BSD

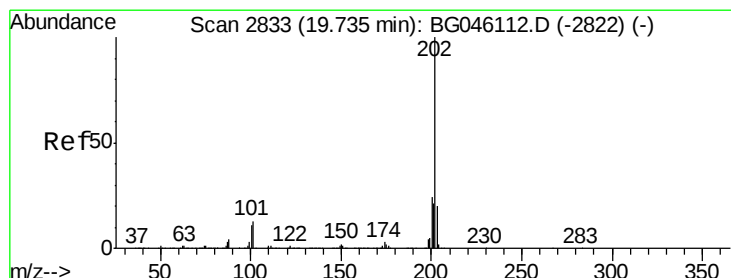
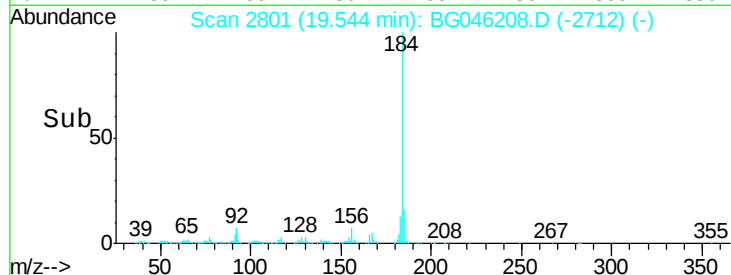
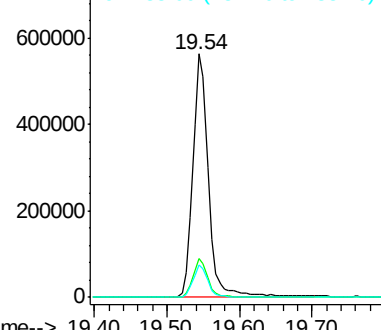
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.7	13.0	19.4	
183	13.4	10.5	15.7	

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.793 ng

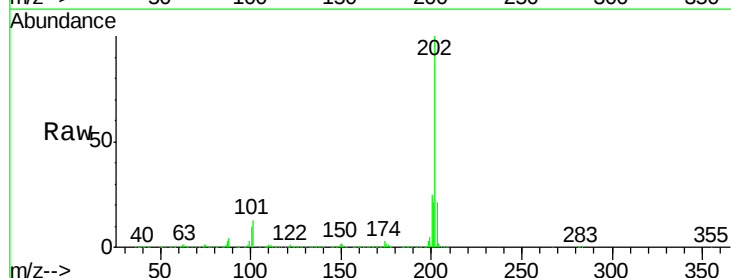
RT: 19.73 min Scan# 2832

Delta R.T. -0.01 min

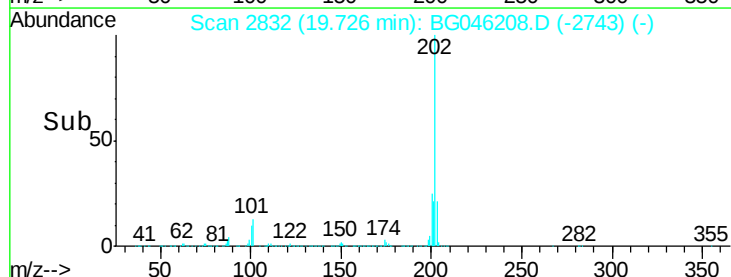
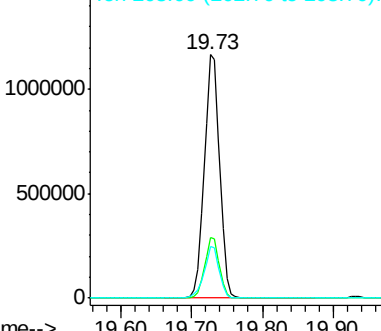
Lab File: BG046208.D

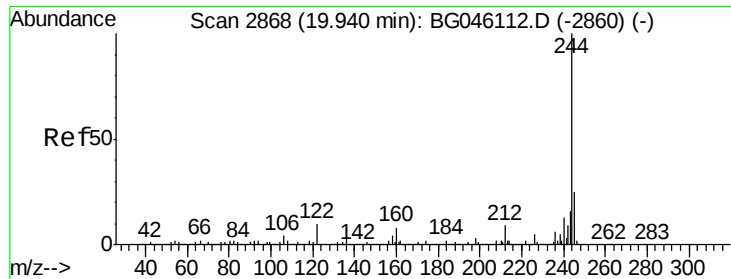
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	25.1	19.5	29.3	
203	21.4	16.2	24.2	



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.564 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

Tot Ion:244 Resp: 2571098

Ion Ratio Lower Upper

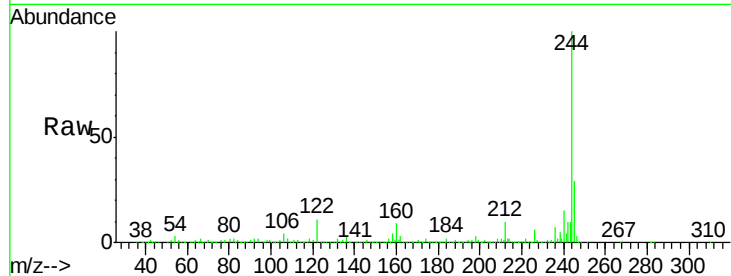
244 100

212 9.9 7.2 10.8

122 11.3 8.3 12.5

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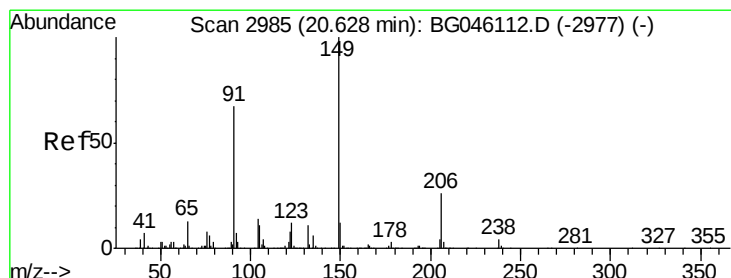
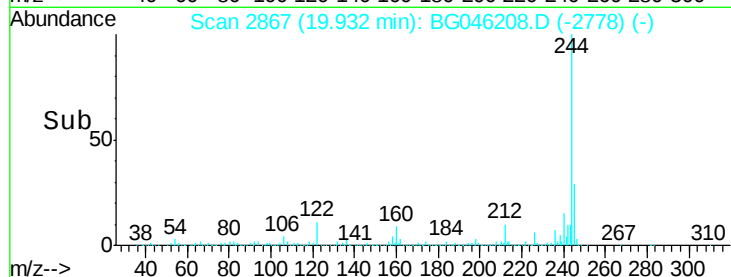
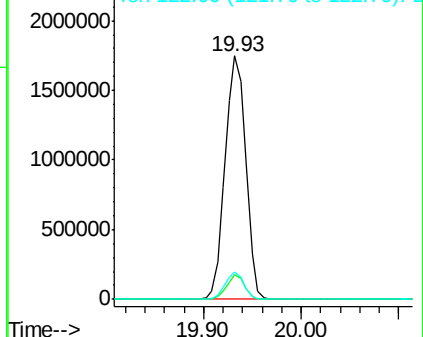
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.716 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

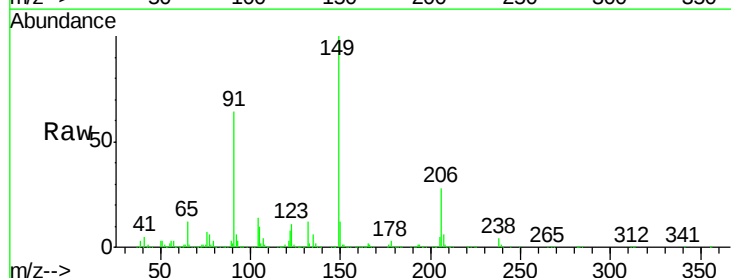
Tgt Ion:149 Resp: 701904

Ion Ratio Lower Upper

149 100

91 63.6 53.8 80.8

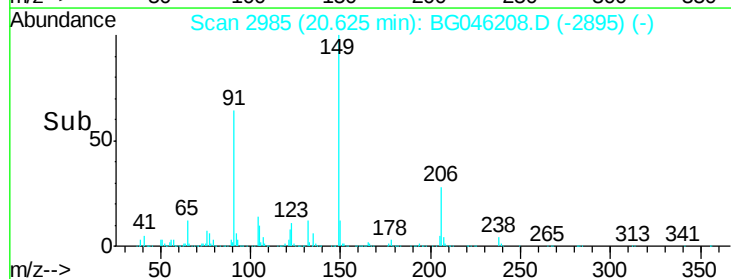
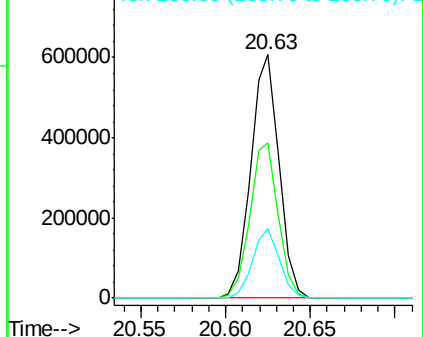
206 28.5 20.4 30.6

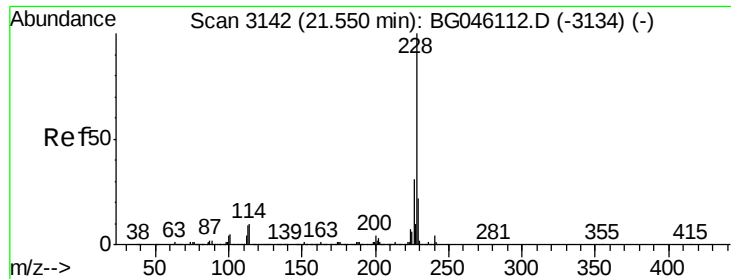


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.272 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

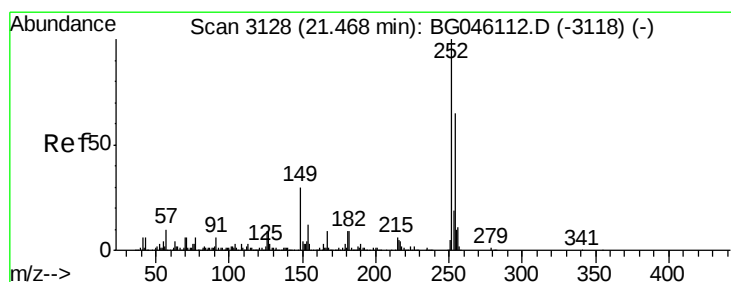
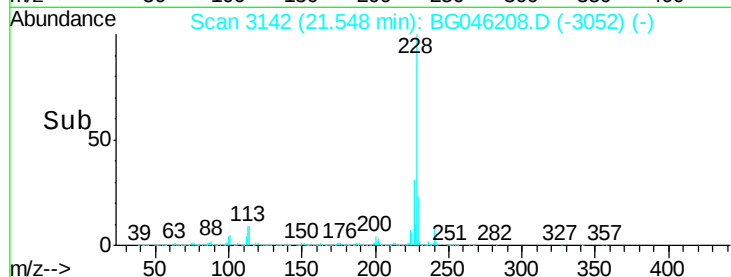
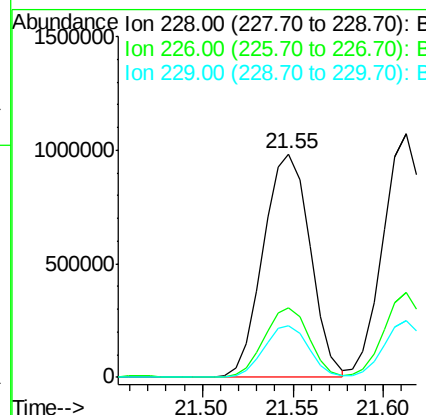
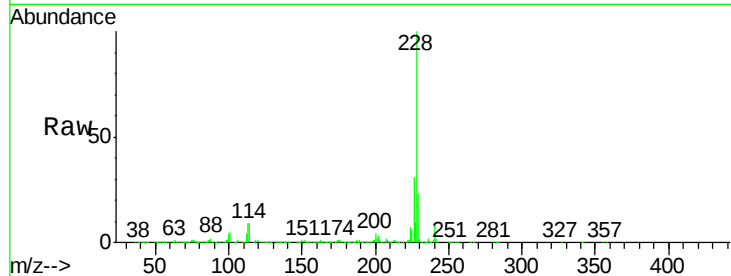
ClientSampleId :

PB130837BSD

Tot Ion:	228	Resp:	1774256
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	23.2	17.8	26.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 36.147 ng

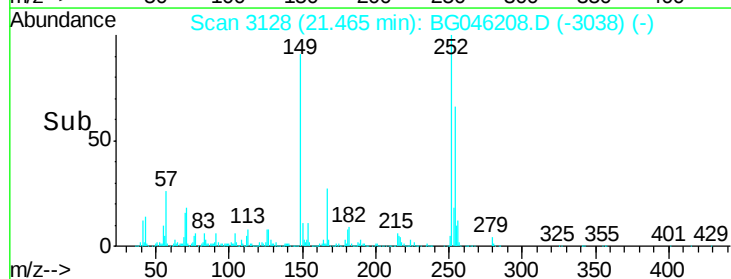
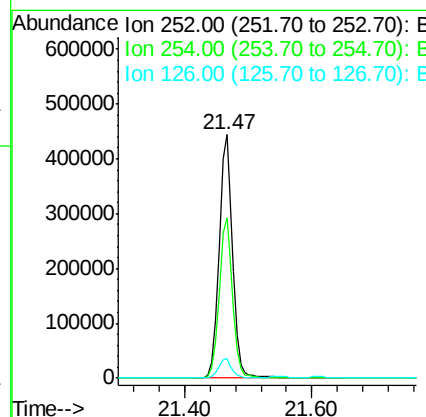
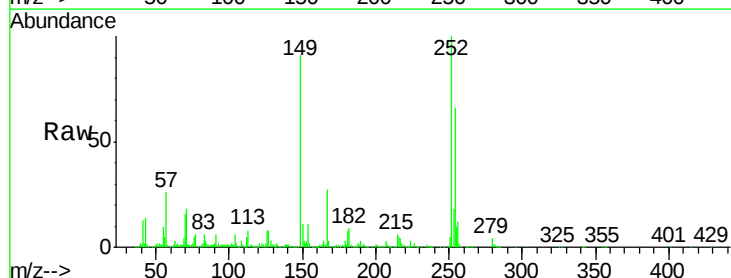
RT: 21.47 min Scan# 3128

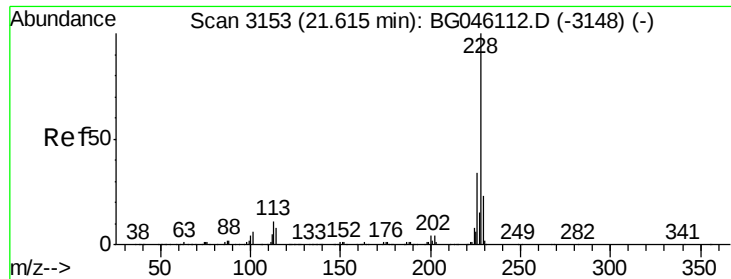
Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Tgt Ion:	252	Resp:	678152
Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.8	77.8
126	8.0	7.1	10.7





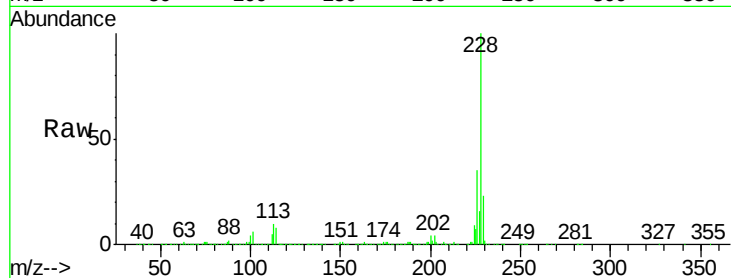
#83
Chrysene
Concen: 39.410 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.8	26.9	40.3
229	23.4	18.2	27.4

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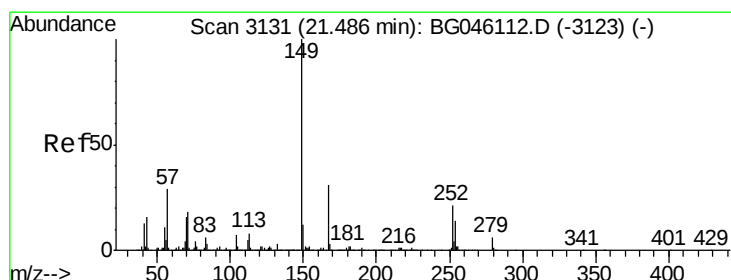
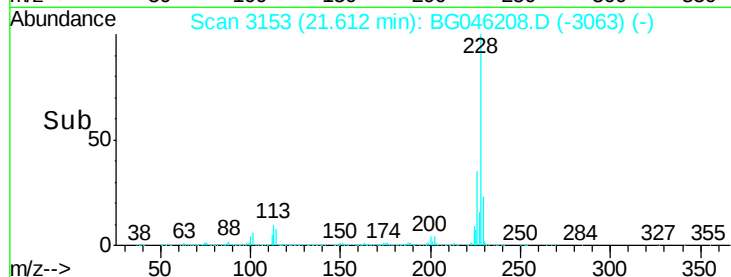
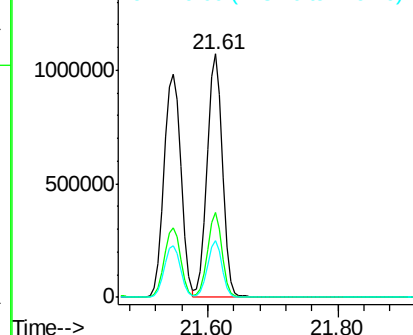


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.379 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

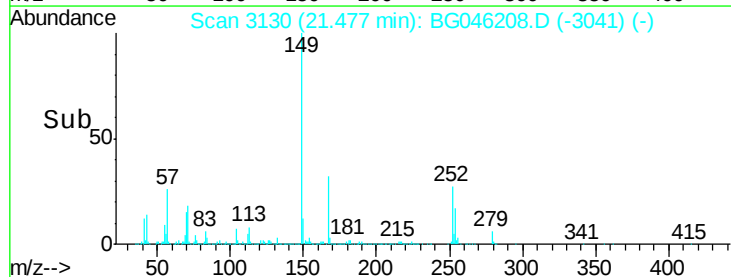
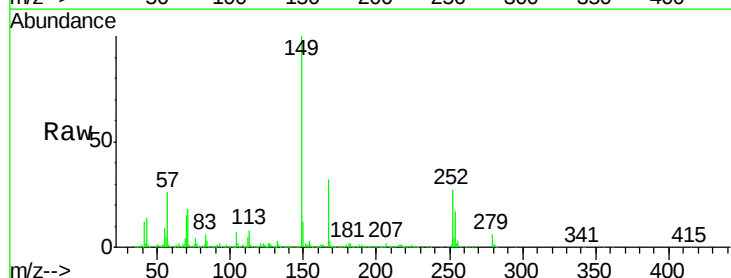
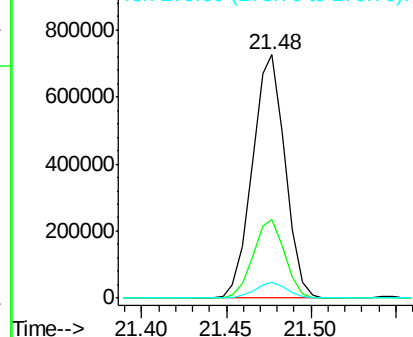
Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.2	24.8	37.2
279	6.4	4.6	6.8

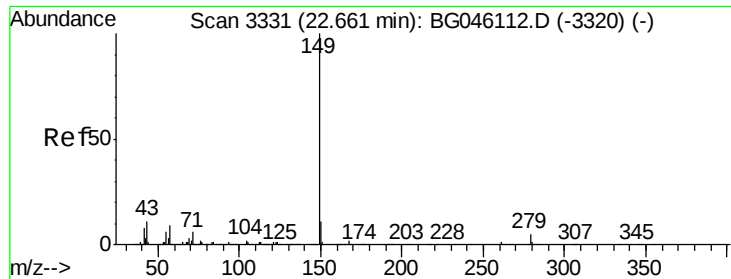
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.270 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

Tot Ion:149 Resp: 1681320

Ion Ratio Lower Upper

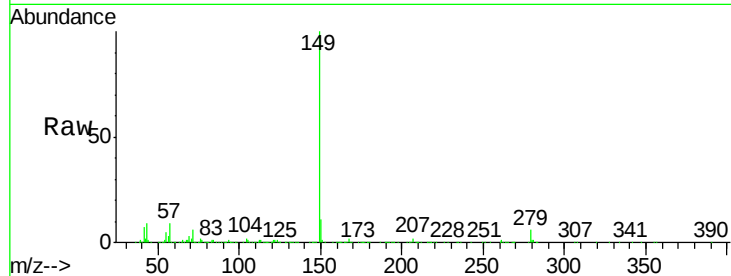
149 100

167 1.9 1.4 2.2

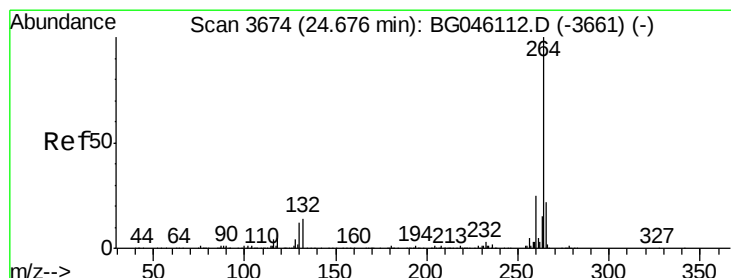
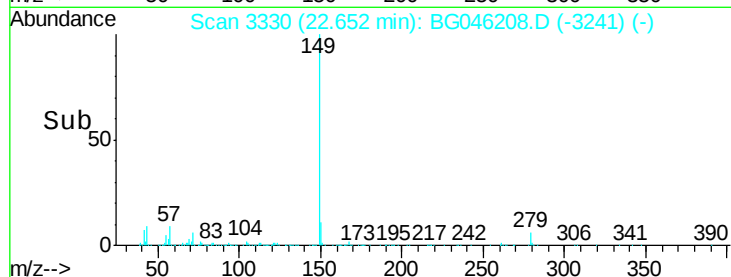
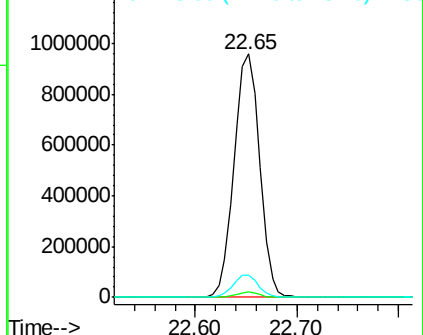
43 9.0 7.8 11.8

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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: BG046208.D

Acq: 10 Aug 2020 15:56

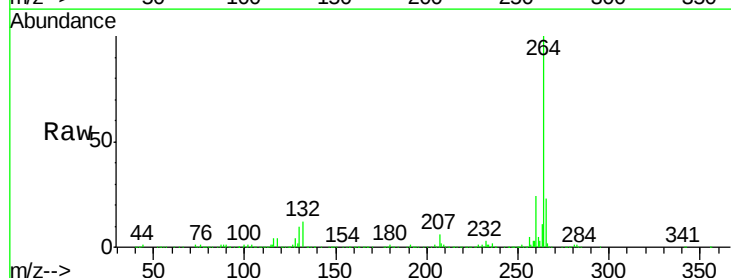
Tgt Ion:264 Resp: 711853

Ion Ratio Lower Upper

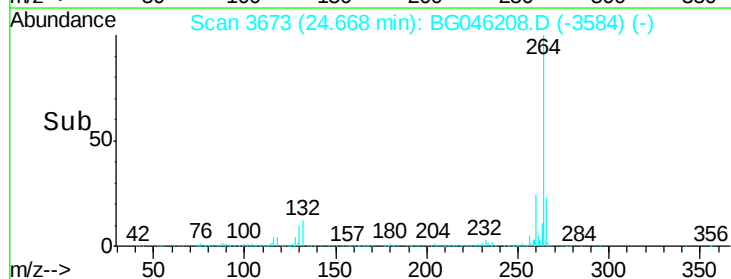
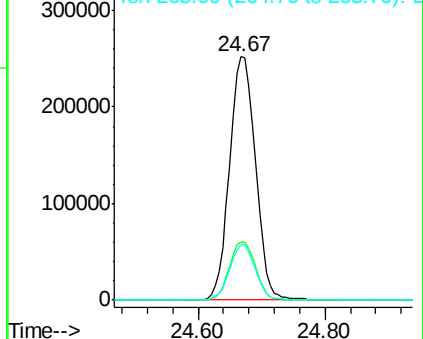
264 100

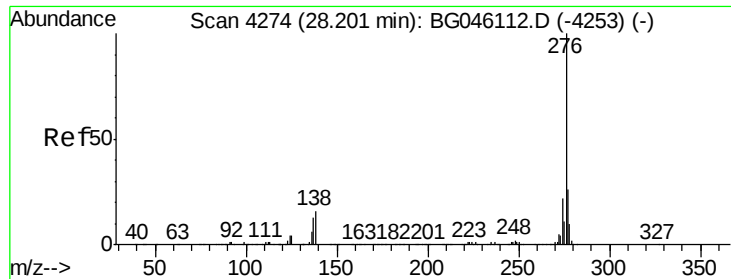
260 24.1 19.7 29.5

265 22.6 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





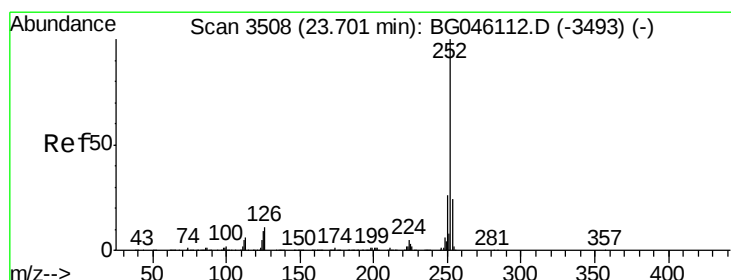
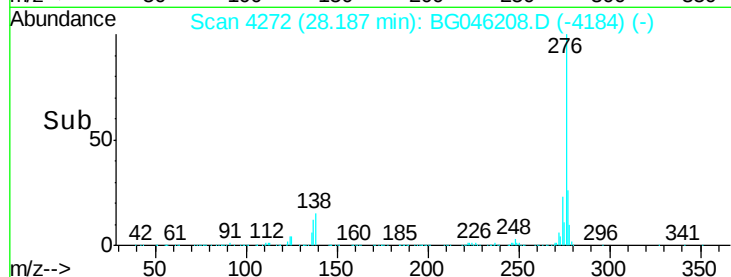
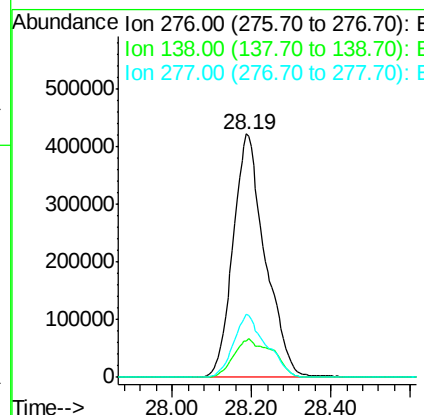
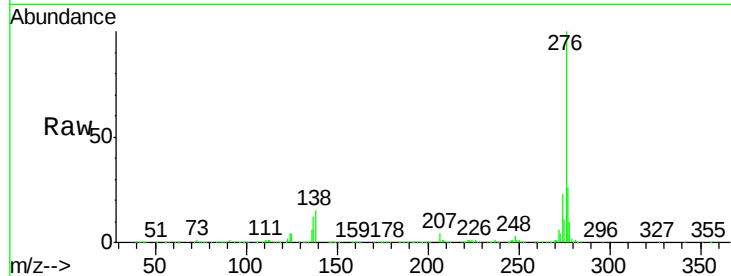
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.742 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	11.6	17.4#
277	26.3	20.8	31.2

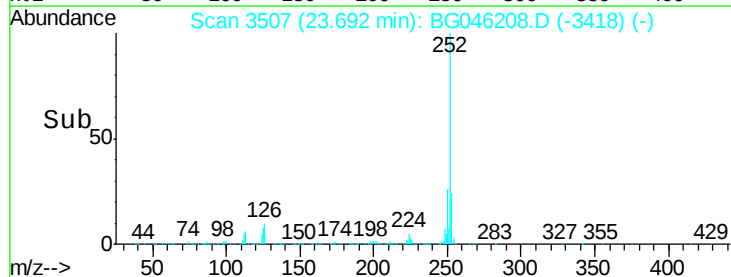
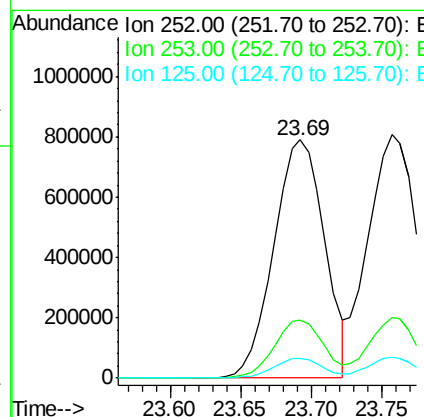
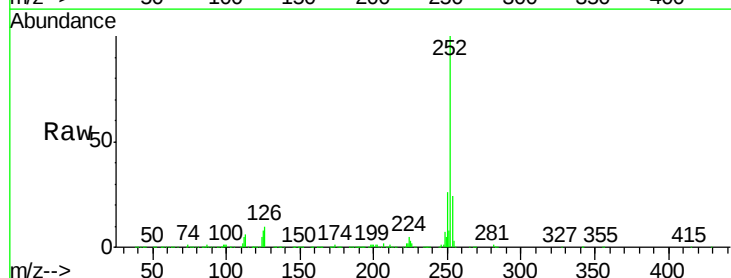
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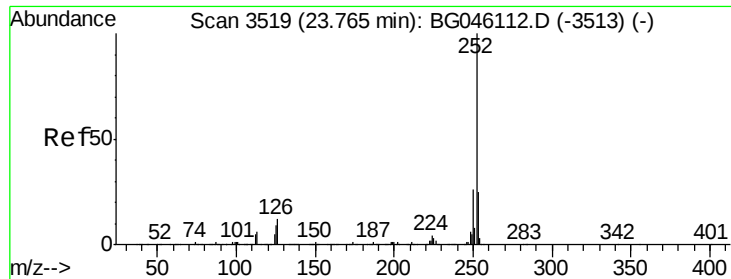
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#88
 Benzo(b)fluoranthene
 Concen: 41.396 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046208.D
 Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.2	28.8
125	8.4	7.2	10.8





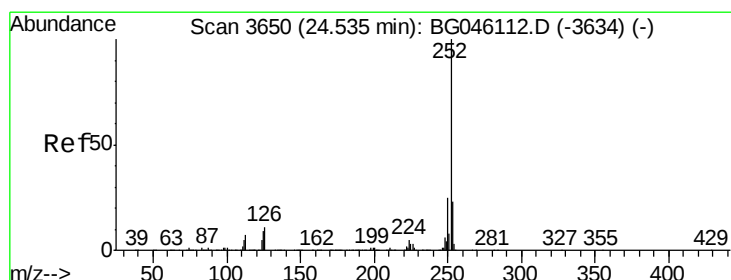
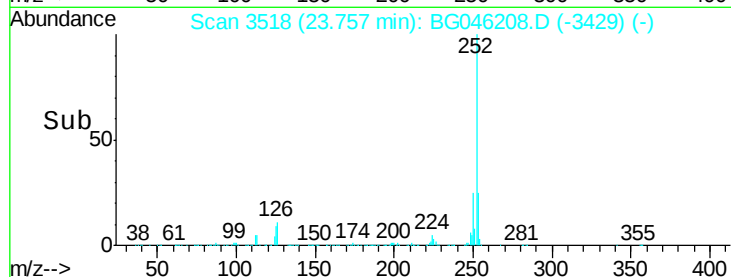
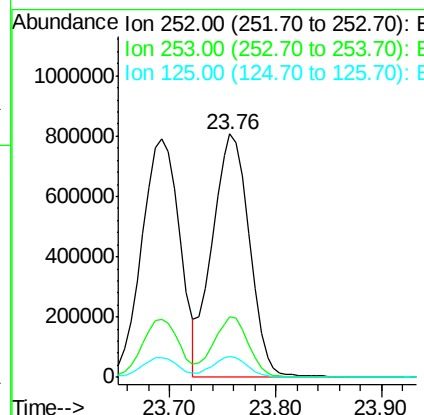
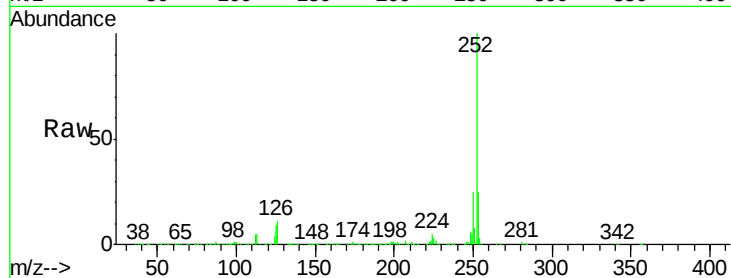
#89
Benzo(k)fluoranthene
Concen: 41.986 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Instrument :
BNA_G
ClientSampleId :
PB130837BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.5	29.3
125	8.6	7.3	10.9

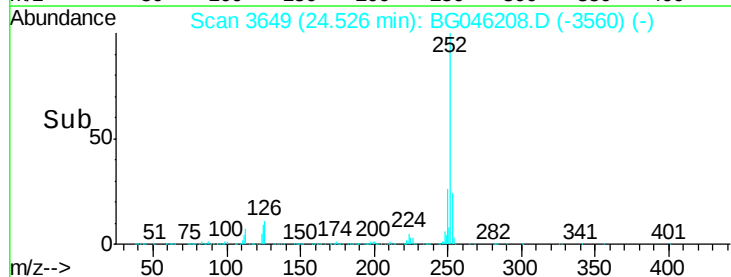
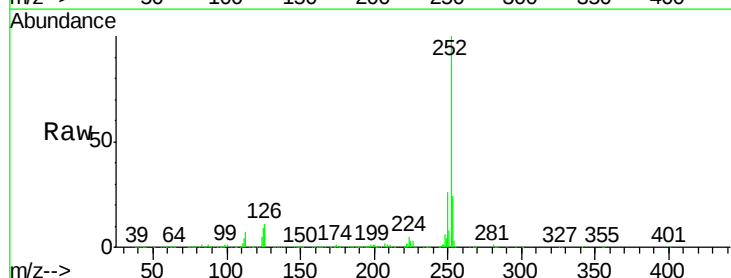
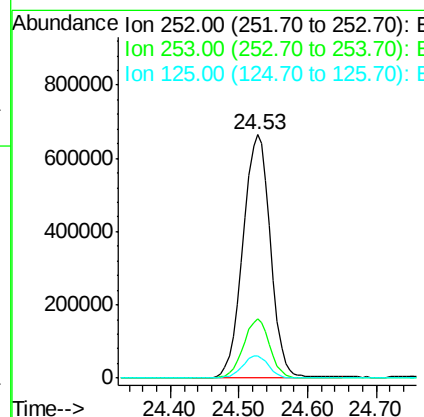
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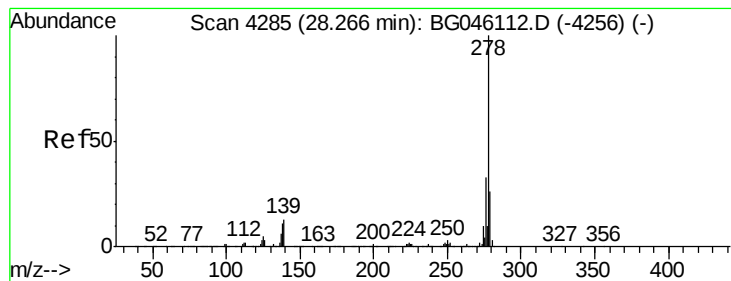
mohammad
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#90
Benzo(a)pyrene
Concen: 41.726 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG046208.D
Acq: 10 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.6	27.8
125	9.3	7.1	10.7





#91

Dibenzo(a,h)anthracene

Concen: 43.085 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.01 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

Instrument :

BNA_G

ClientSampleId :

PB130837BSD

Tot Ion:278 Resp: 1955395

Ion Ratio Lower Upper

278 100

139 12.4 10.8 16.2

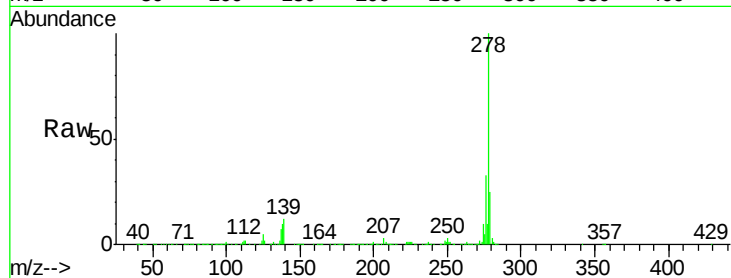
279 25.4 20.5 30.7

Manual Integrations

APPROVED

mohammad

8/11/2020 2:51:46 PM

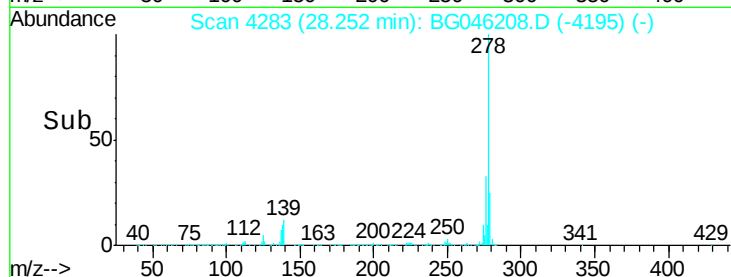


Abundance Ion 278.00 (277.70 to 278.70): E

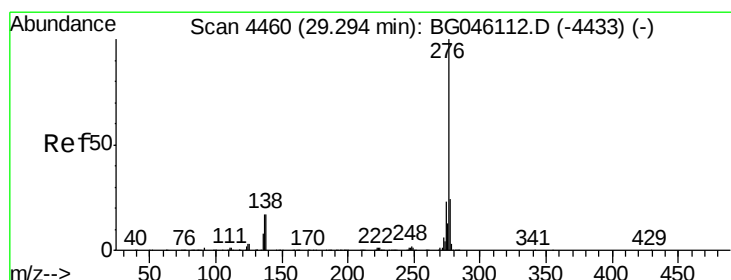
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

28.25



Time-->



#92

Benzo(g,h,i)perylene

Concen: 42.613 ng

RT: 29.29 min Scan# 4460

Delta R.T. -0.00 min

Lab File: BG046208.D

Acq: 10 Aug 2020 15:56

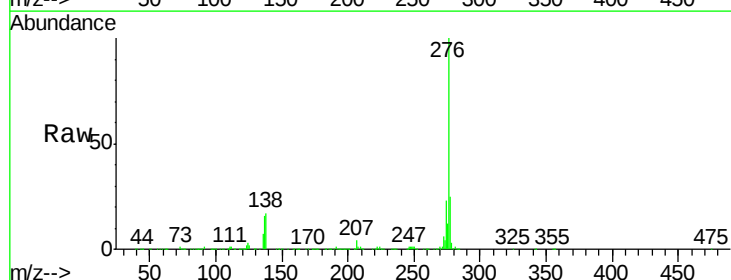
Tgt Ion:276 Resp: 1953164

Ion Ratio Lower Upper

276 100

277 24.5 19.5 29.3

138 16.9 13.8 20.6

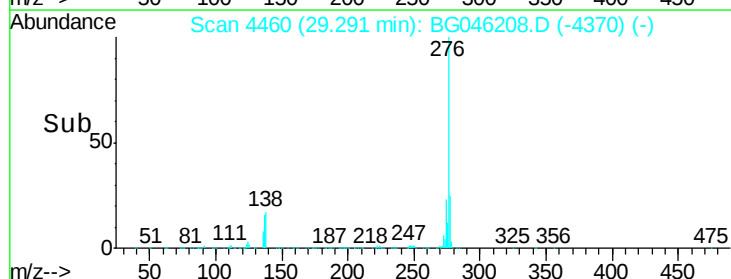


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

29.29



Time-->