

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
 Data File : BG046207.D
 Acq On : 10 Aug 2020 15:15
 Operator : CG/JU
 Sample : PB130837BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Manual Integrations
 APPROVED

mohammad
 8/11/2020 2:51:42 PM

Quant Time: Aug 10 16:46:59 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	106527	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	419589	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	278089	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	651288	20.00	ng	0.00
76) Chrysene-d12	21.57	240	674646	20.00	ng	0.00
86) Perylene-d12	24.67	264	716050	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	811859	132.48	ng	0.00
7) Phenol-d6	7.12	99	1027276	123.00	ng	0.00
23) Nitrobenzene-d5	9.11	82	629974	81.29	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	580781	135.97	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1566003	81.80	ng	0.00
79) Terphenyl-d14	19.94	244	2590127	78.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	97691	35.025	ng	95
3) Pyridine	3.84	79	262300	34.161	ng	95
4) n-Nitrosodimethylamine	3.75	42	123417	37.766	ng	97
6) Aniline	7.27	93	381935	38.418	ng	99
8) 2-Chlorophenol	7.52	128	298616	44.088	ng	95
9) Benzaldehyde	7.09	77	98868	19.950	ng	95
10) Phenol	7.15	94	363729	43.346	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	282849	42.377	ng	99
12) 1,3-Dichlorobenzene	7.84	146	348476	42.447	ng	97
13) 1,4-Dichlorobenzene	7.98	146	345373	41.895	ng	99
14) 1,2-Dichlorobenzene	8.31	146	327115	42.074	ng	99
15) Benzyl Alcohol	8.19	79	245368	42.527	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	426115	38.941	ng	97
17) 2-Methylphenol	8.40	107	256701	45.314	ng	99
18) Hexachloroethane	9.04	117	116345	42.198	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	222639	40.961	ng	99
20) 3+4-Methylphenols	8.72	107	348792	44.983	ng	97
22) Acetophenone	8.77	105	419169	38.927	ng	# 97
24) Nitrobenzene	9.15	77	315581	38.194	ng	97
25) Isophorone	9.68	82	600542	38.944	ng	98
26) 2-Nitrophenol	9.86	139	172030	45.940	ng	95
27) 2,4-Dimethylphenol	9.92	122	262027	43.009	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	371778	44.339	ng	99
29) 2,4-Dichlorophenol	10.40	162	316627	44.180	ng	97
30) 1,2,4-Trichlorobenzene	10.61	180	350377	41.734	ng	99
31) Naphthalene	10.80	128	892089	40.182	ng	99
32) Benzoic acid	10.08	122	176684	41.124	ng	97
33) 4-Chloroaniline	10.90	127	316260	34.860	ng	97
34) Hexachlorobutadiene	11.10	225	228404	40.868	ng	100
35) Caprolactam	11.67	113	104055m	44.360	ng	
36) 4-Chloro-3-methylphenol	12.03	107	307830	43.769	ng	98
37) 2-Methylnaphthalene	12.40	142	704340	41.230	ng	99
38) 1-Methylnaphthalene	12.63	142	670456	41.474	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	402773	40.198	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	518941	90.295	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	277696	43.441	nq	98
44) 2,4,5-Trichlorophenol	13.08	196	294756	42.260	nq	95
46) 1,1'-Biphenyl	13.41	154	872401	39.991	nq	99
47) 2-Chloronaphthalene	13.45	162	706561	40.604	nq	98
48) 2-Nitroaniline	13.65	65	193160	42.348	nq	97
49) Acenaphthylene	14.30	152	1095504	40.543	nq	99
50) Dimethylphthalate	14.04	163	895124	41.938	nq	99
51) 2,6-Dinitrotoluene	14.15	165	208148	41.903	nq	91
52) Acenaphthene	14.64	154	806167m	45.206	nq	
53) 3-Nitroaniline	14.48	138	180187	36.589	nq	100
54) 2,4-Dinitrophenol	14.68	184	258724	82.014	nq	99
55) Dibenzofuran	14.98	168	1079684	40.123	nq	99
56) 4-Nitrophenol	14.79	139	357870	83.702	nq	96
57) 2,4-Dinitrotoluene	14.94	165	297392	43.544	nq	91
58) Fluorene	15.63	166	892068	40.935	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	299297	45.557	nq	97
60) Diethylphthalate	15.41	149	883933	42.099	nq	97
61) 4-Chlorophenyl-phenylether	15.62	204	488583	42.927	nq	94
62) 4-Nitroaniline	15.64	138	214714	43.352	nq	99
63) Azobenzene	15.91	77	759212	38.583	nq	95
65) 4,6-Dinitro-2-methylphenol	15.70	198	192038	44.584	nq	89
66) n-Nitrosodiphenylamine	15.83	169	809260	41.049	nq	98
67) 4-Bromophenyl-phenylether	16.51	248	353805	43.972	nq	96
68) Hexachlorobenzene	16.63	284	390563	43.289	nq	97
69) Atrazine	16.78	200	292758	38.564	nq	99
70) Pentachlorophenol	16.97	266	488690	83.479	nq	100
71) Phenanthrene	17.36	178	1432473	40.152	nq	99
72) Anthracene	17.46	178	1469596	41.413	nq	99
73) Carbazole	17.72	167	1353688	39.560	nq	100
74) Di-n-butylphthalate	18.29	149	1512662	42.291	nq	99
75) Fluoranthene	19.37	202	1817008	40.795	nq	99
77) Benzidine	19.55	184	855278	44.756	nq	99
78) Pyrene	19.73	202	1792853	39.551	nq	97
80) Butylbenzylphthalate	20.62	149	701889	42.745	nq	99
81) Benzo(a)anthracene	21.54	228	1773013	39.271	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	660473	35.229	nq	98
83) Chrysene	21.62	228	1723961	38.980	nq	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	971996	41.404	nq	97
85) Di-n-octyl phthalate	22.65	149	1670515	42.027	nq	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2367999	43.362	nq	# 95
88) Benzo(b)fluoranthene	23.70	252	1971944	41.096	nq	98
89) Benzo(k)fluoranthene	23.76	252	1963600	41.721	nq	99
90) Benzo(a)pyrene	24.53	252	1840677	41.224	nq	99
91) Dibenzo(a,h)anthracene	28.25	278	1937628	42.443	nq	98
92) Benzo(g,h,i)perylene	29.29	276	1949764	42.290	nq	99

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

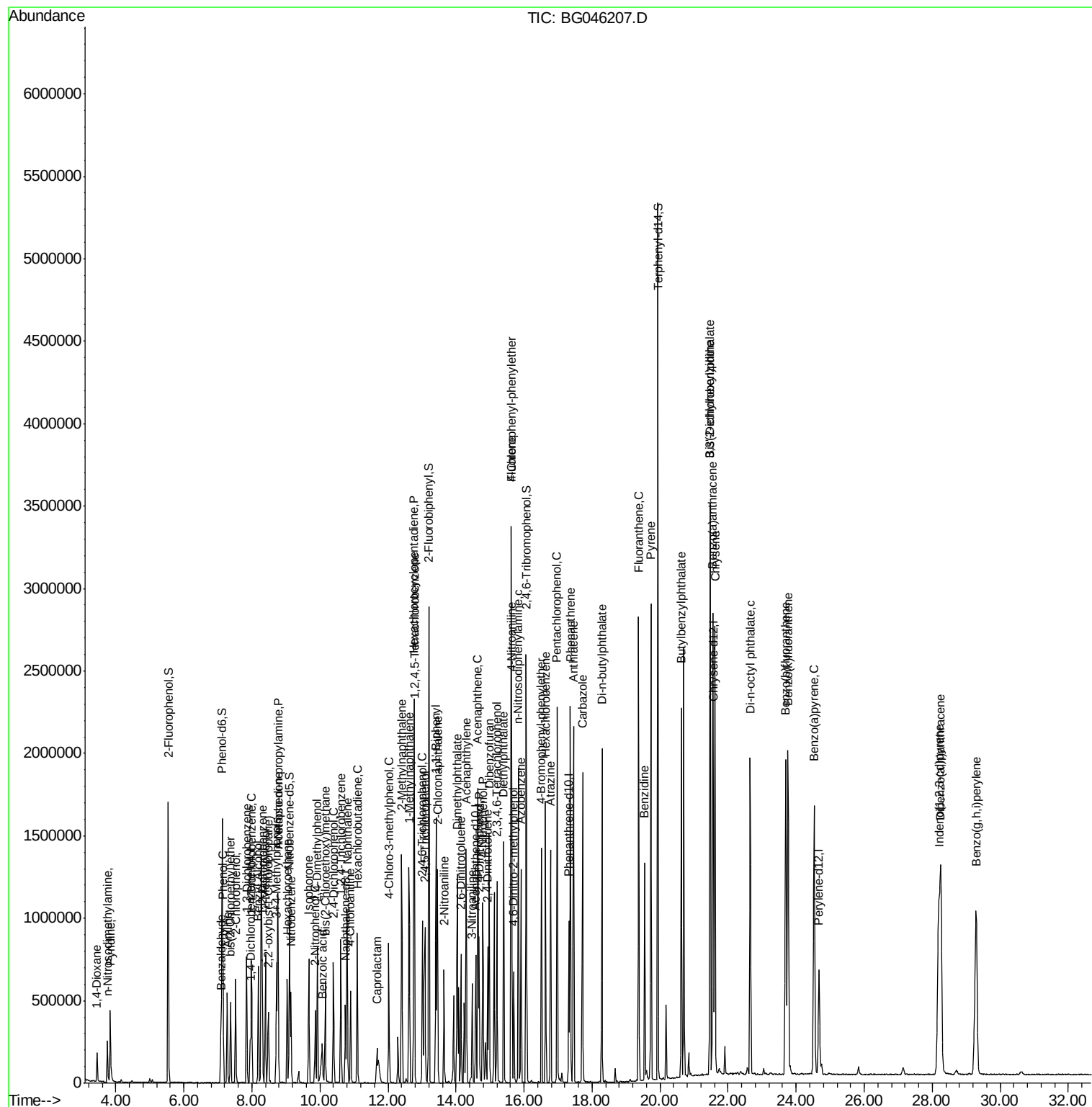
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
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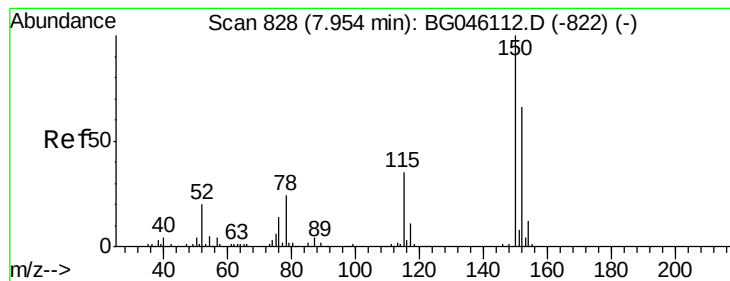
Instrument :
BNA_G
ClientSampleId :
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#1

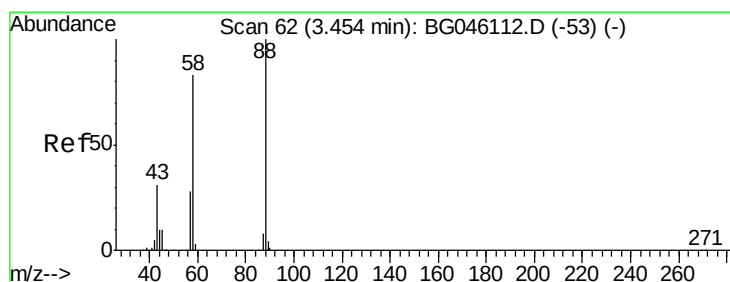
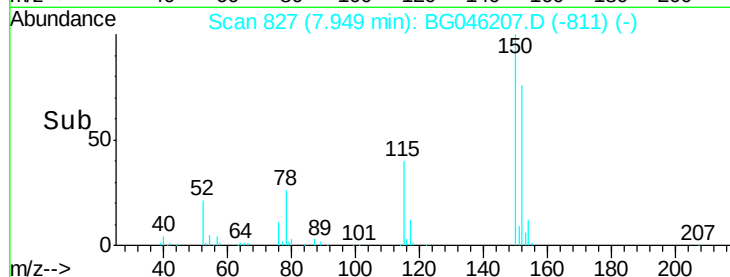
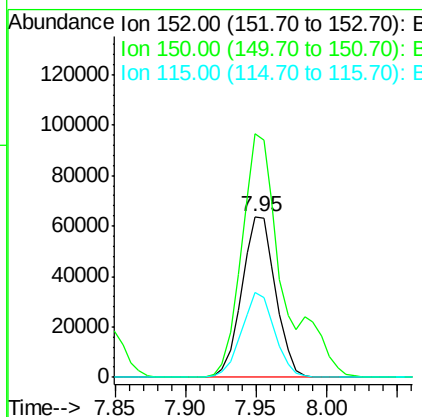
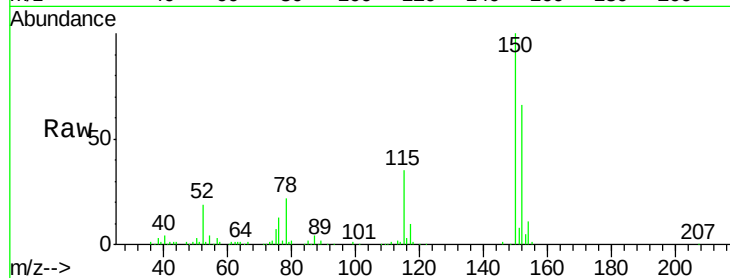
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.1	183.1
115	52.6	43.2	64.8

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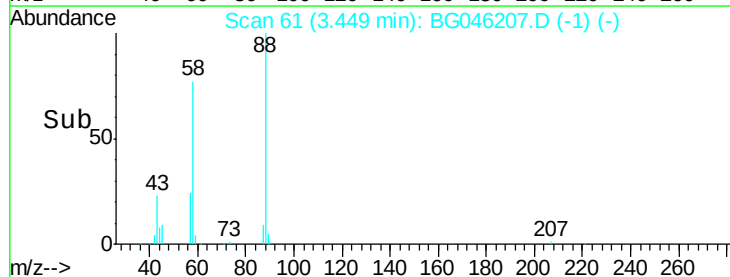
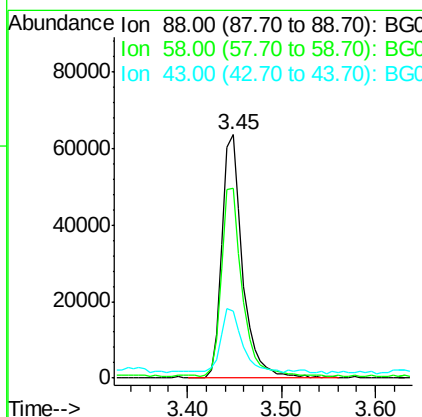
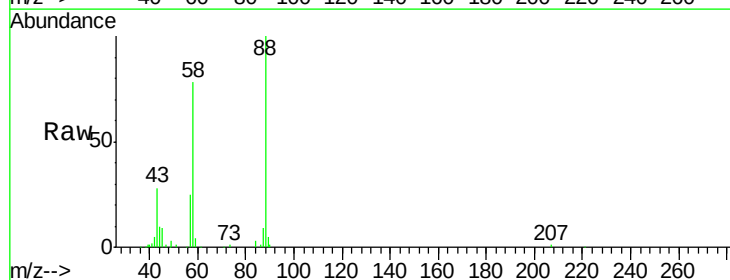
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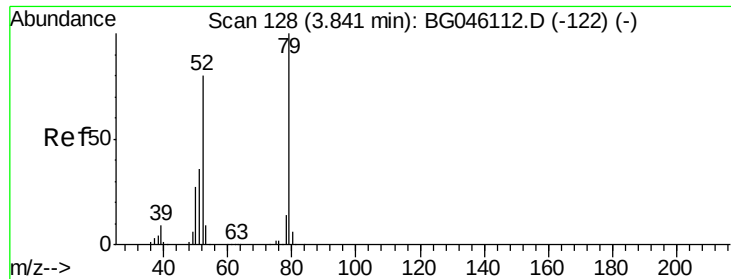


#2

1,4-Dioxane
Concen: 35.025 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	66.5	99.7
43	26.3	23.8	35.8





#3

Pvridine

Concen: 34.161 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

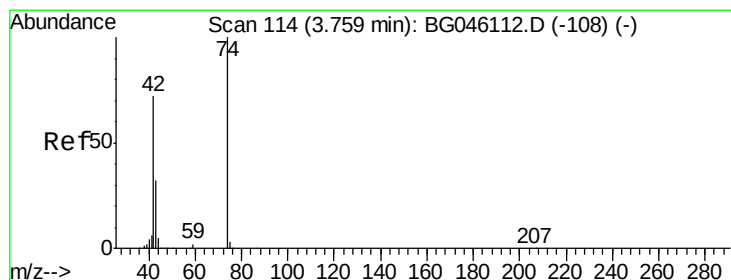
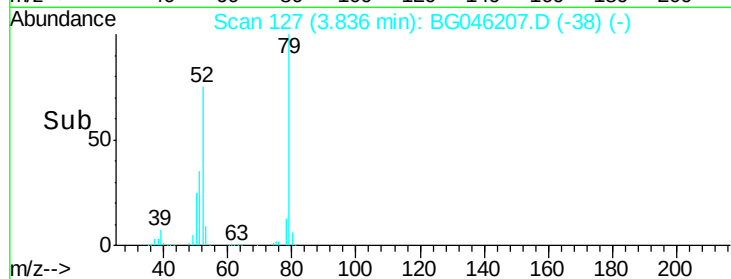
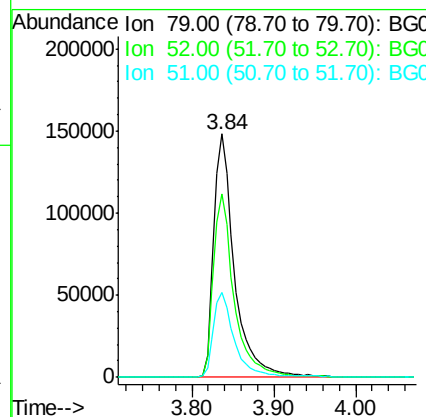
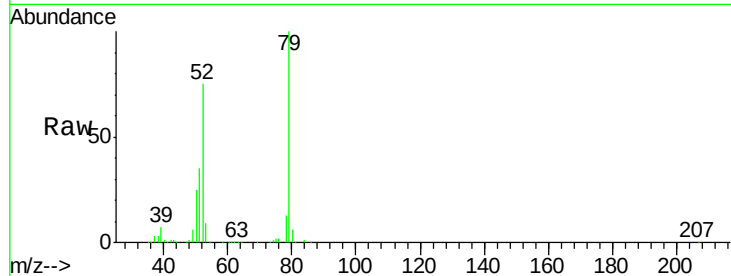
ClientSampleId :

PB130837BS

Tot Ion:	79	Resp:	262300
Ion Ratio	Lower	Upper	
79	100		
52	75.2	64.3	96.5
51	35.1	29.8	44.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.766 ng

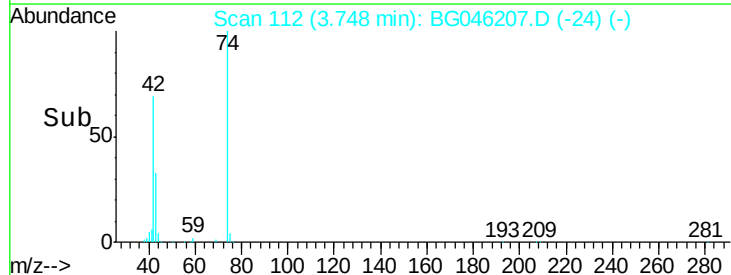
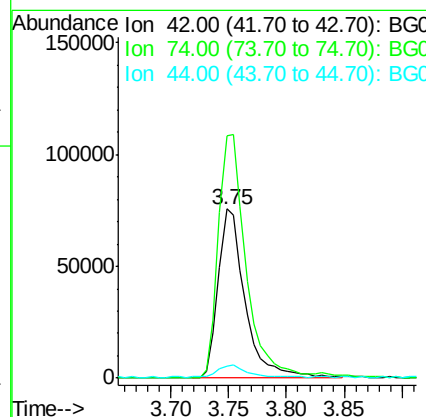
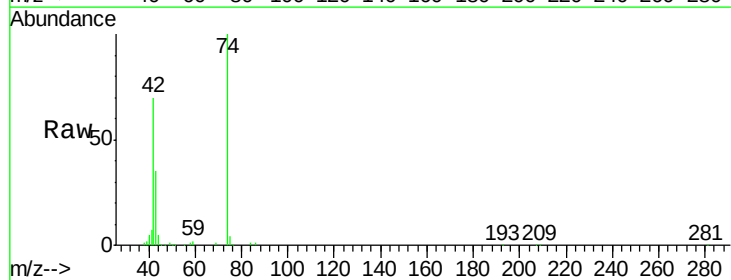
RT: 3.75 min Scan# 112

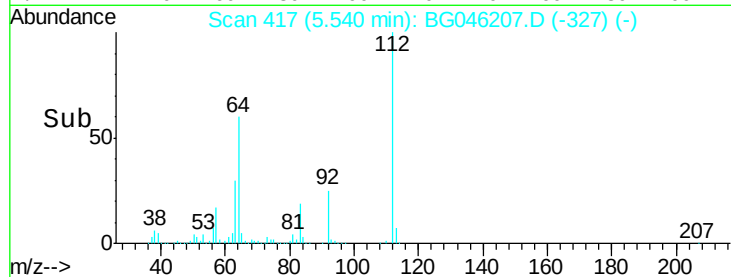
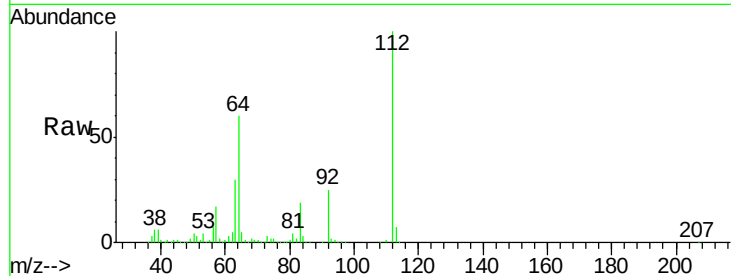
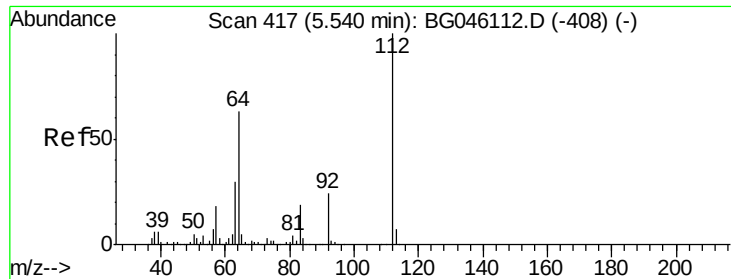
Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:	42	Resp:	123417
Ion Ratio	Lower	Upper	
42	100		
74	143.6	111.6	167.4
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 132.484 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tot Ion:	112	Resp:	811859
Ion Ratio	Lower	Upper	
112	100		
64	59.9	50.2	75.2
63	30.0	24.2	36.4

Instrument :

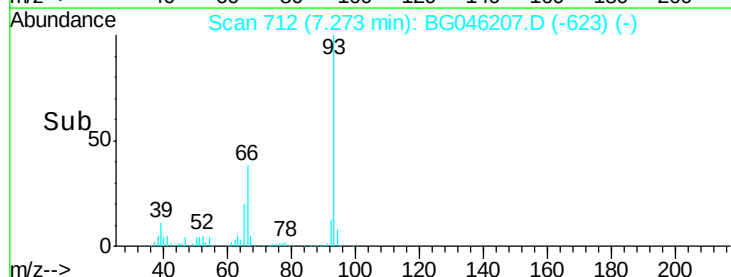
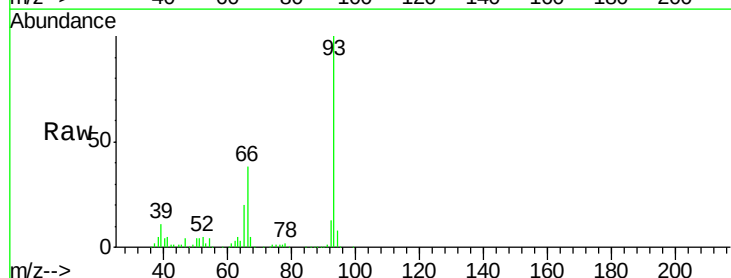
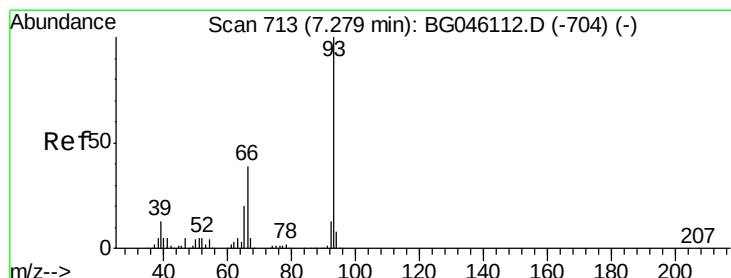
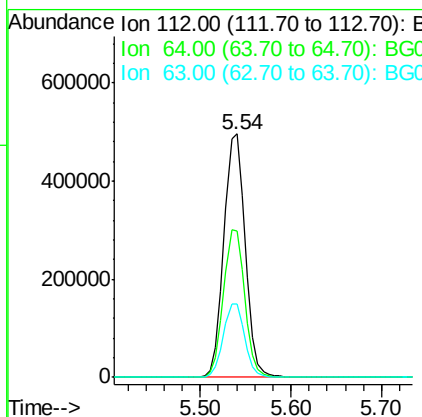
BNA_G

ClientSampleId :

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#6

Aniline

Concen: 38.418 ng

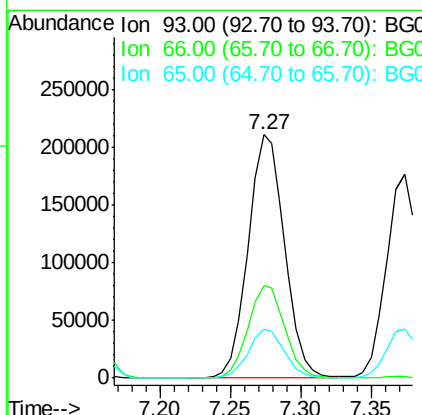
RT: 7.27 min Scan# 712

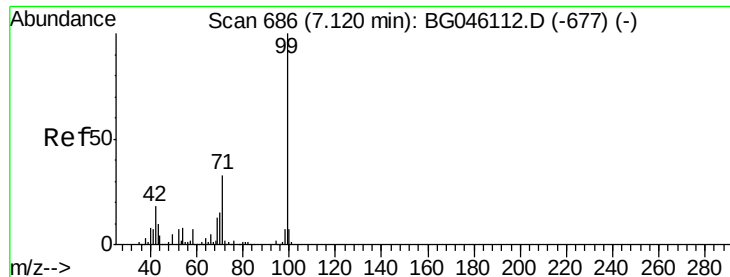
Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:	93	Resp:	381935
Ion Ratio	Lower	Upper	
93	100		
66	38.1	31.0	46.4
65	20.0	15.9	23.9





#7

Phenol-d6

Concen: 123.003 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

Tot Ion: 99 Resp: 1027276

Ion Ratio Lower Upper

99 100

42 17.6 14.7 22.1

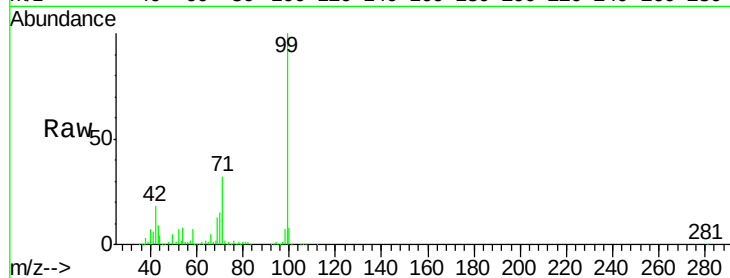
71 32.0 26.5 39.7

Manual Integrations

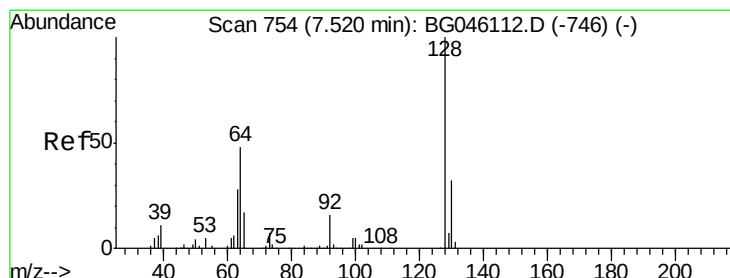
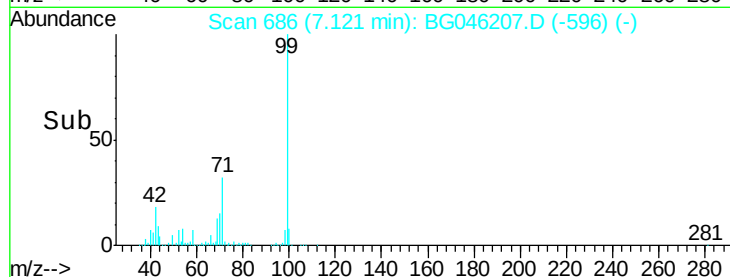
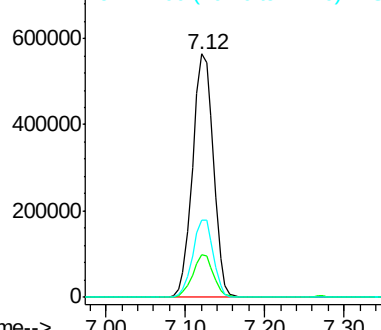
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.088 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

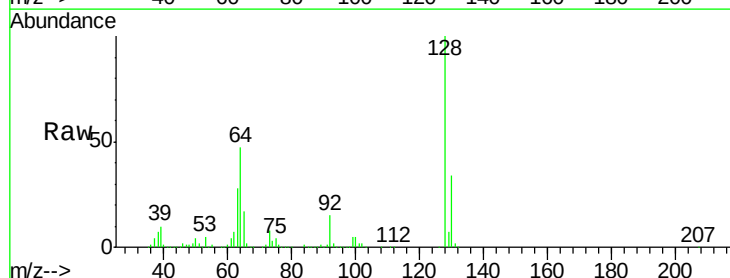
Tgt Ion: 128 Resp: 298616

Ion Ratio Lower Upper

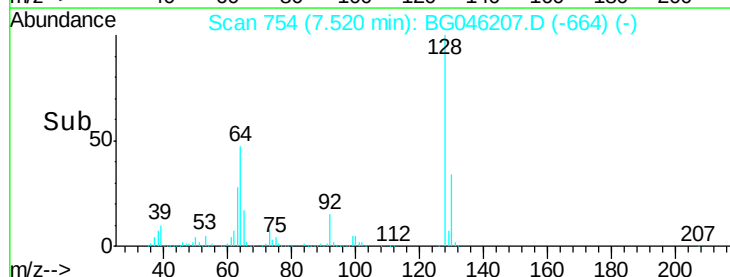
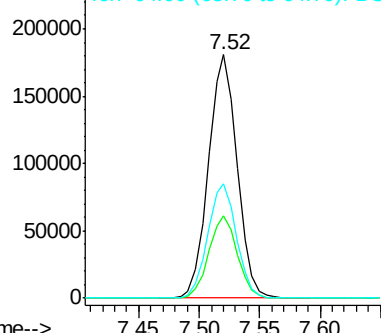
128 100

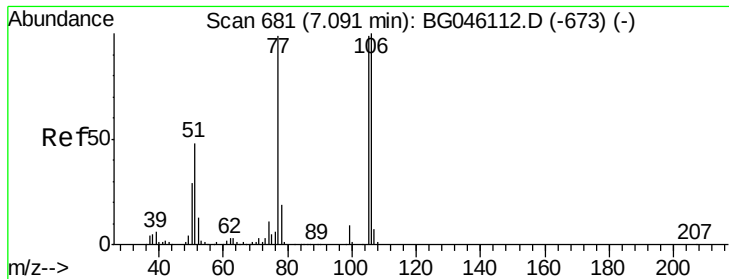
130 33.9 11.6 51.6

64 47.0 30.6 70.6



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





#9

Benzaldehyde

Concen: 19.950 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

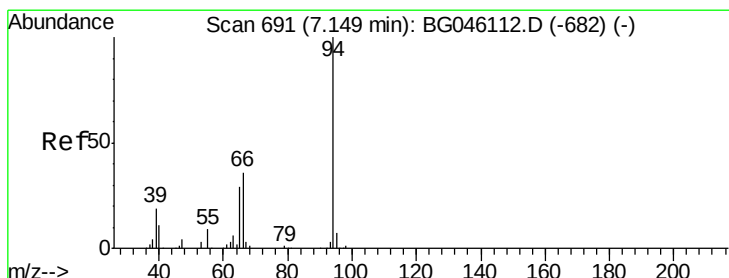
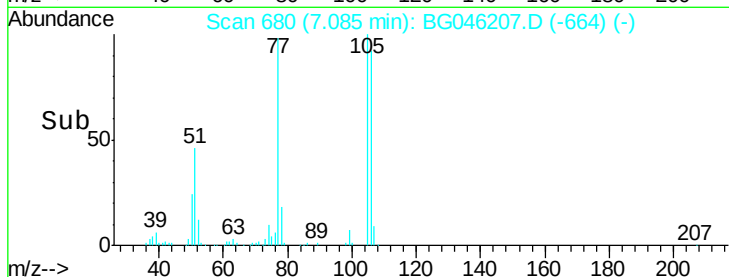
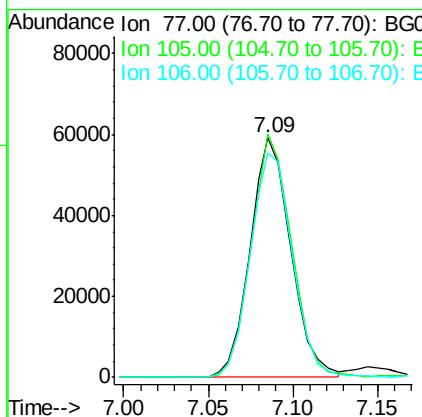
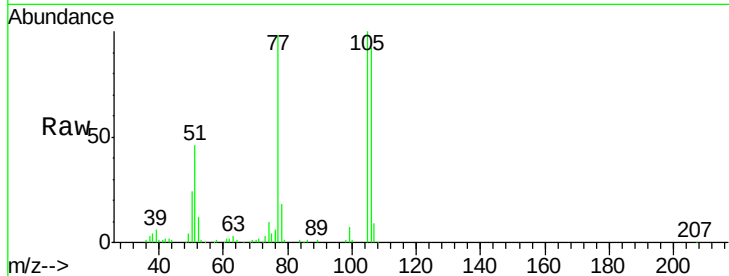
ClientSampleId :

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Tot Ion:	77	Resp:	98868
Ion	Ratio	Lower	Upper
77	100		
105	101.8	80.3	120.3
106	93.6	81.5	121.5

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#10

Phenol

Concen: 43.346 ng

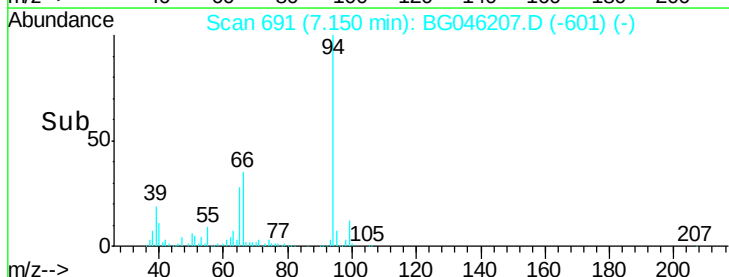
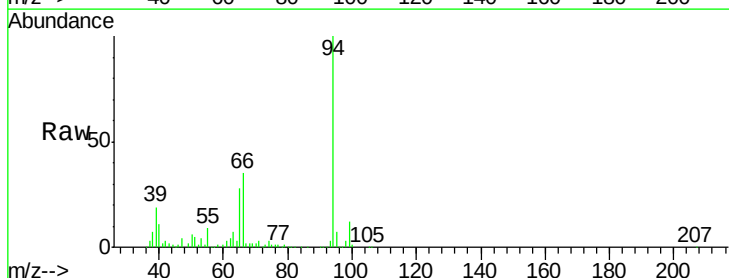
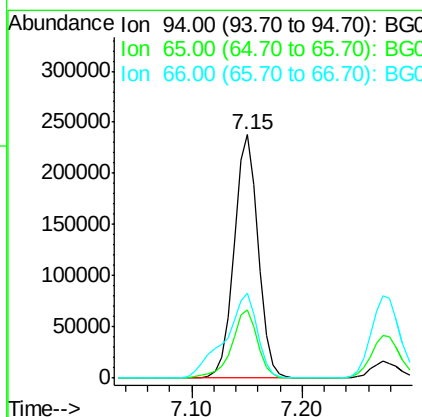
RT: 7.15 min Scan# 691

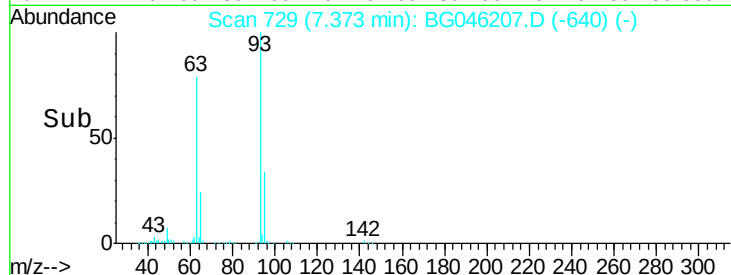
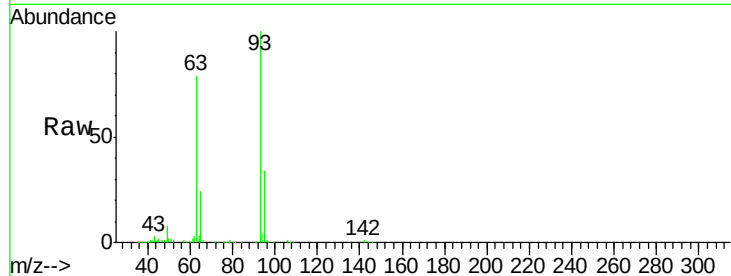
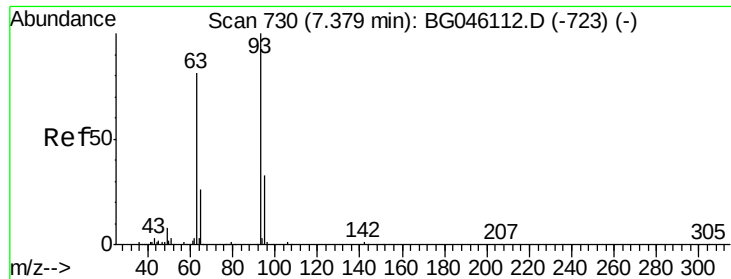
Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:	94	Resp:	363729
Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.6	49.6
66	35.0	16.3	56.3





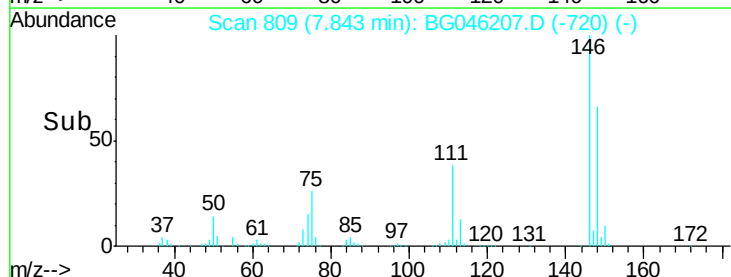
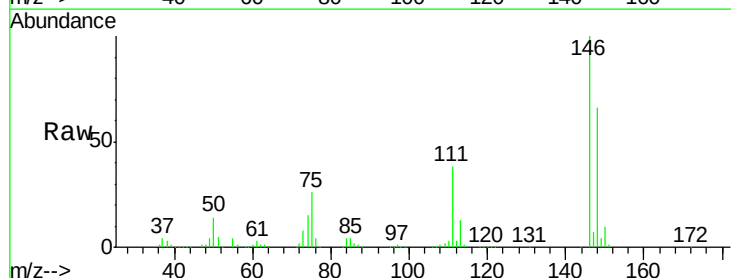
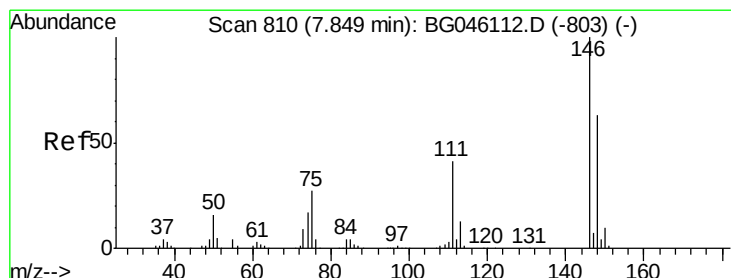
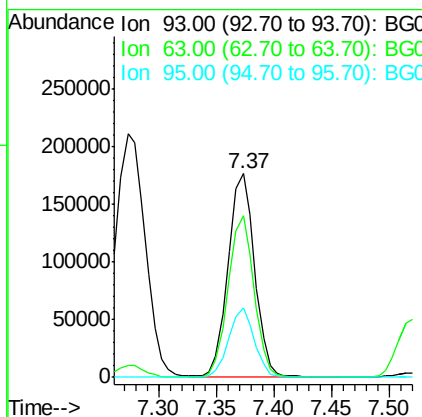
#11
bis(2-Chloroethyl)ether
Concen: 42.377 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tot Ion	93	Resp	282849
Ion Ratio	Lower	Upper	
93	100		
63	79.1	60.0	100.0
95	33.8	12.6	52.6

Instrument :
BNA_G
ClientSampleId :
PB130837BS

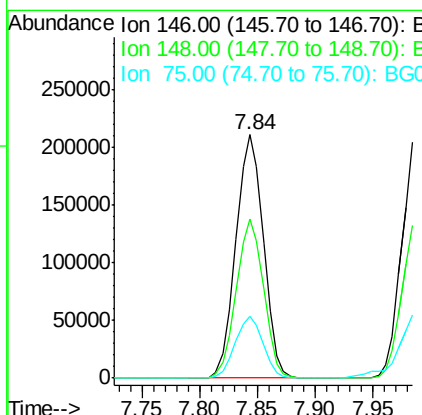
Manual Integrations
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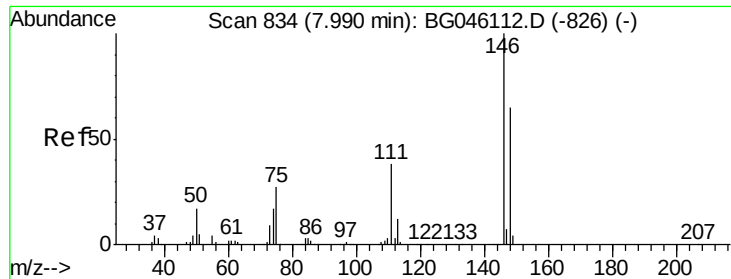
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.447 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	146	Resp	348476
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.5	75.7
75	25.7	21.6	32.4





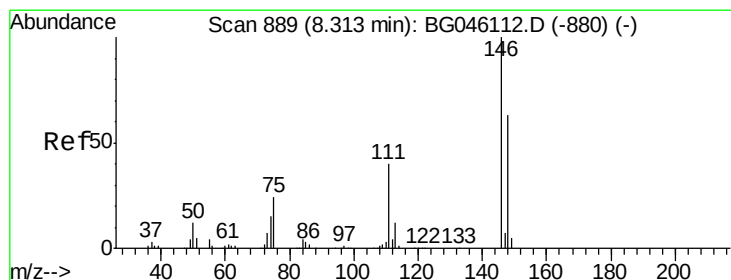
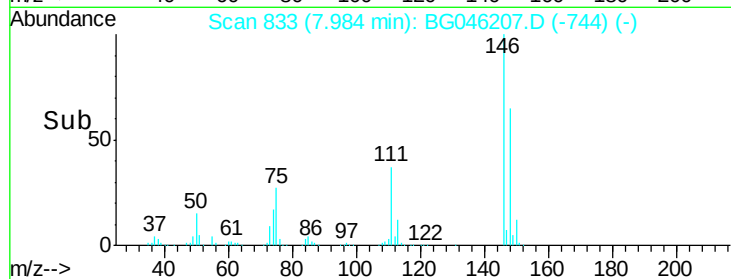
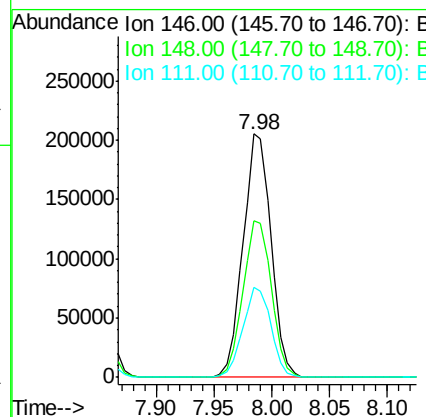
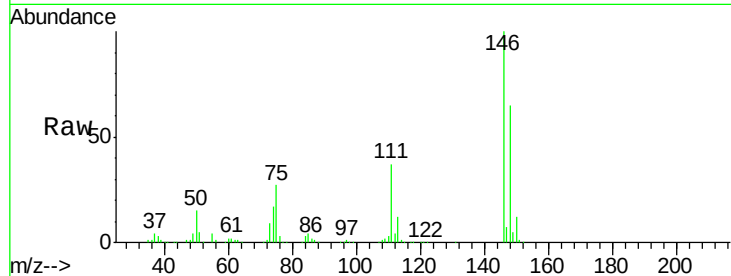
#13
 1,4-Dichlorobenzene
 Concen: 41.895 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Instrument :
 BNA_G
 ClientSampled :
 PB130837BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
111	37.2	30.7	46.1

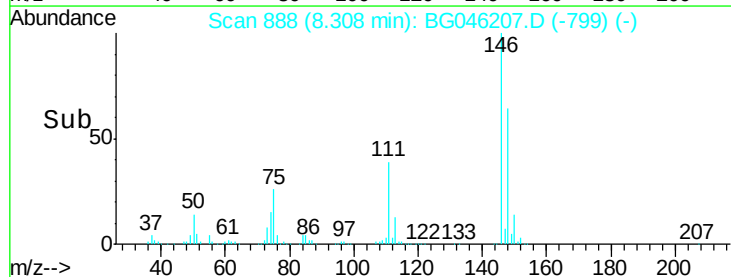
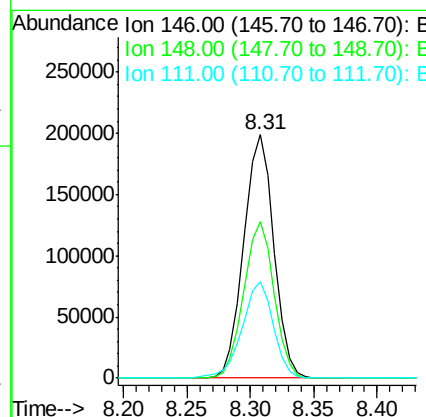
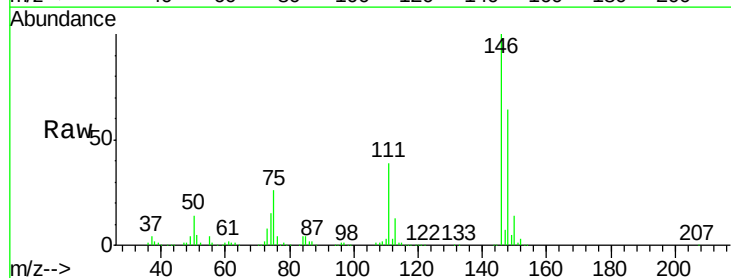
Manual Integrations
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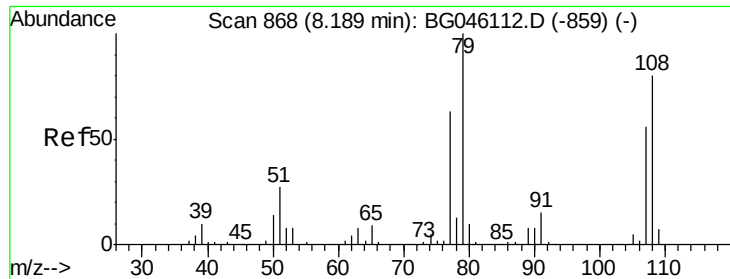
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#14
 1,2-Dichlorobenzene
 Concen: 42.074 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	39.4	32.4	48.6





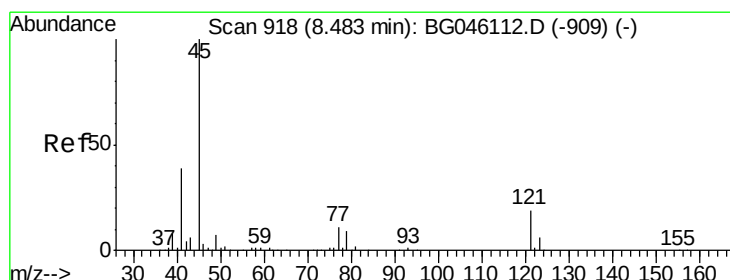
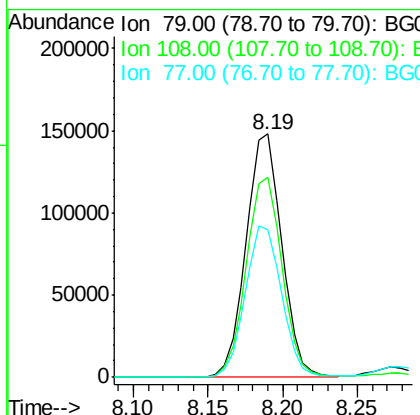
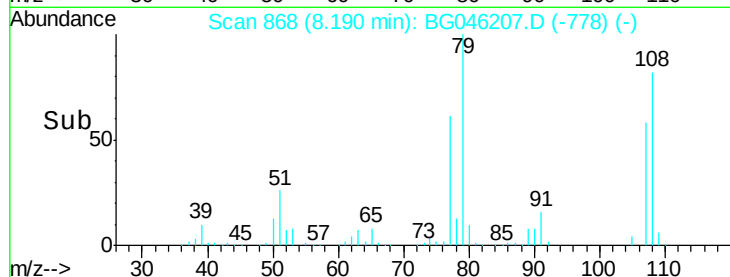
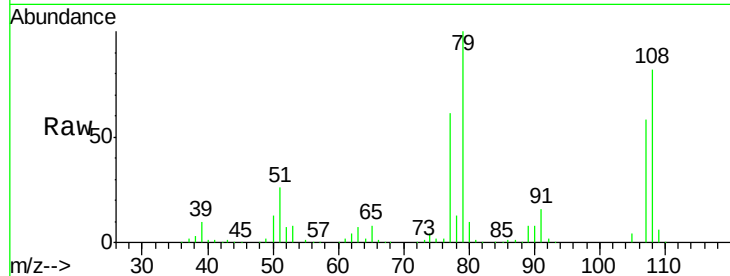
#15
Benzyl Alcohol
Concen: 42.527 ng
RT: 8.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	245368		
108	82.1	64.1	96.1	
77	60.5	50.2	75.2	

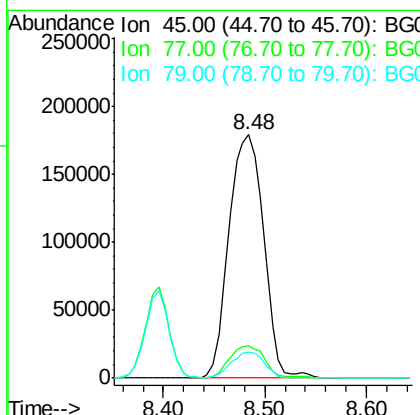
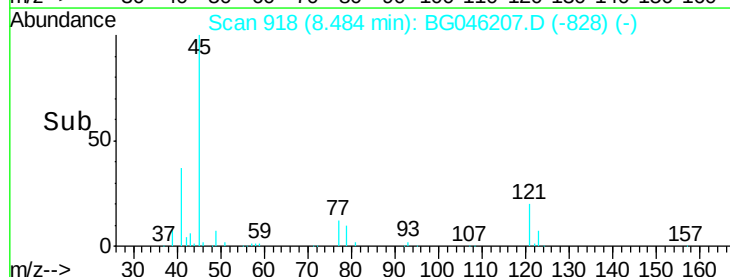
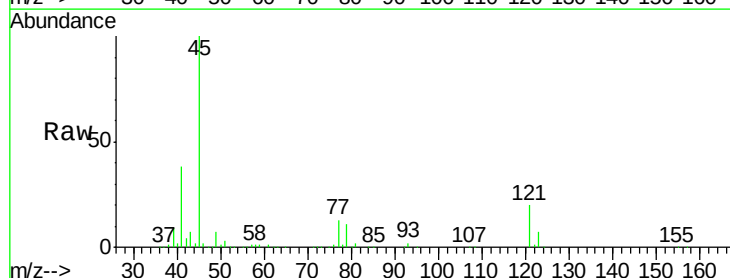
Manual Integrations
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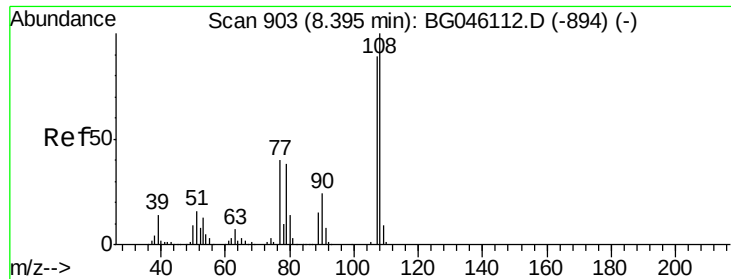
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.941 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	426115		
77	13.2	0.0	31.9	
79	10.7	0.0	29.5	





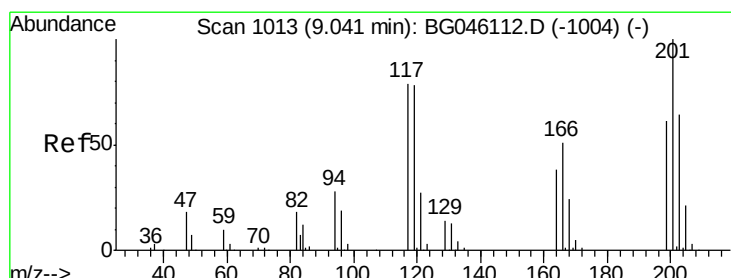
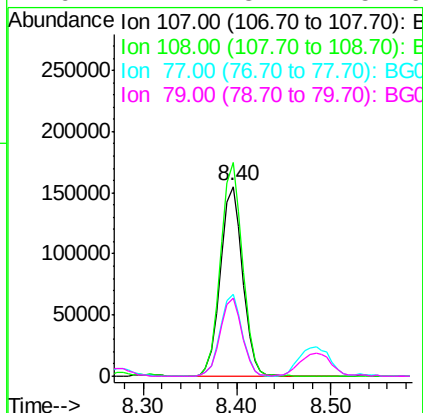
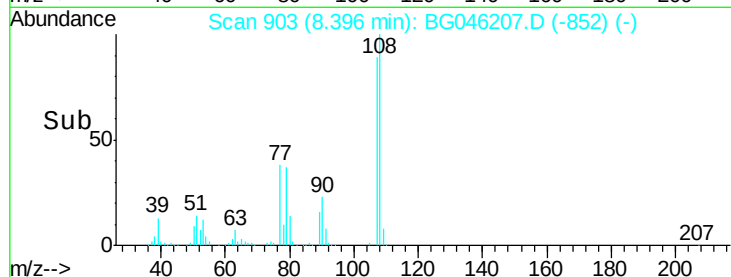
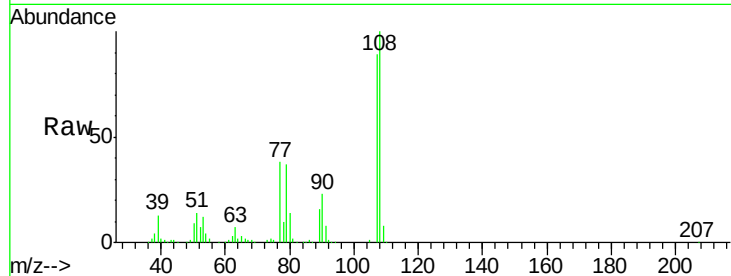
#17
2-Methylphenol
Concen: 45.314 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	112.4	90.0	135.0	
77	77	43.2	35.6	53.4	
79	79	41.2	34.4	51.6	

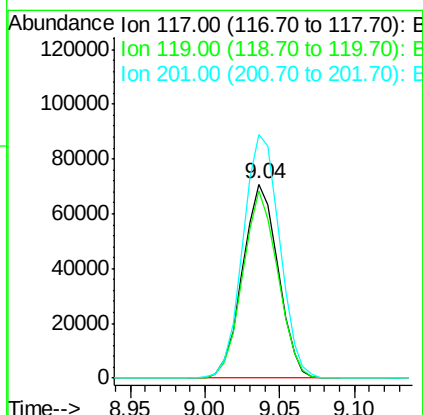
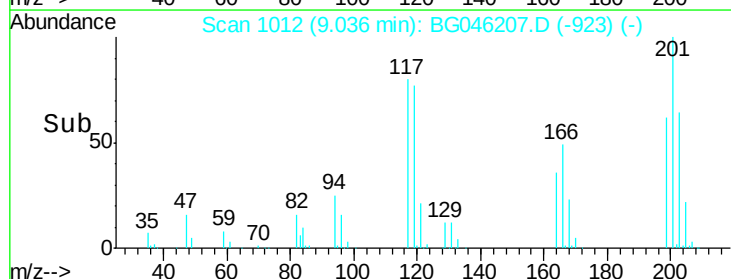
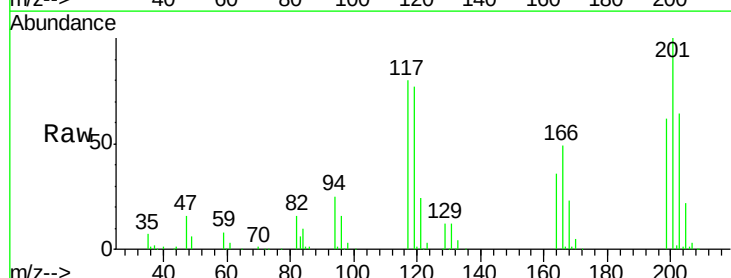
Manual Integrations
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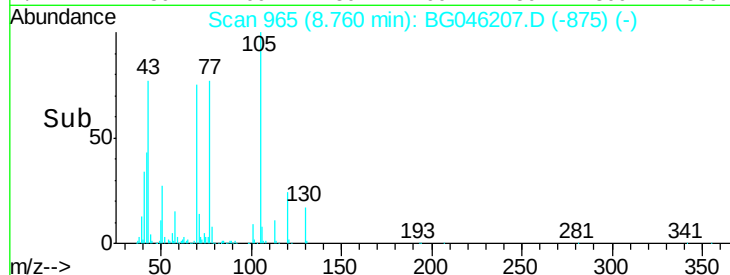
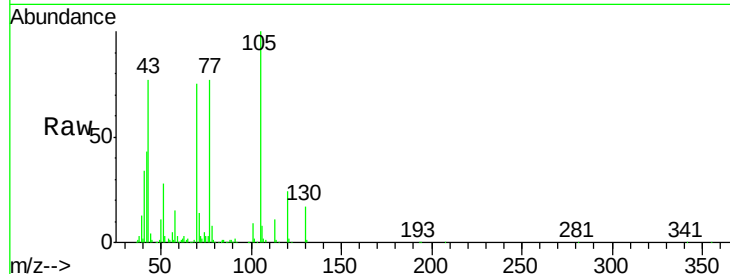
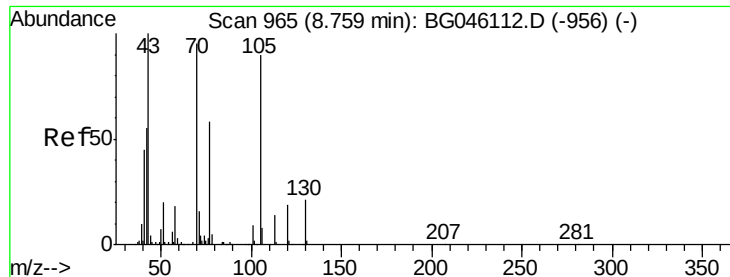
mohammad
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#18
Hexachloroethane
Concen: 42.198 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	96.2	78.5	117.7	
201	201	125.4	101.0	151.4	





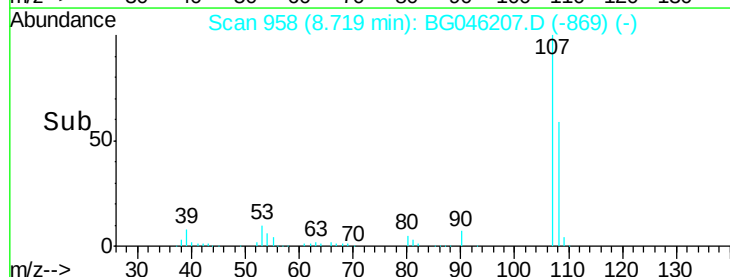
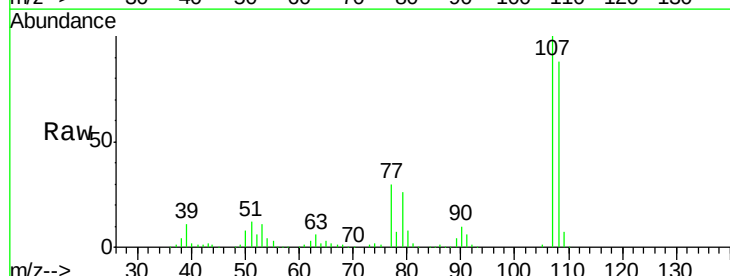
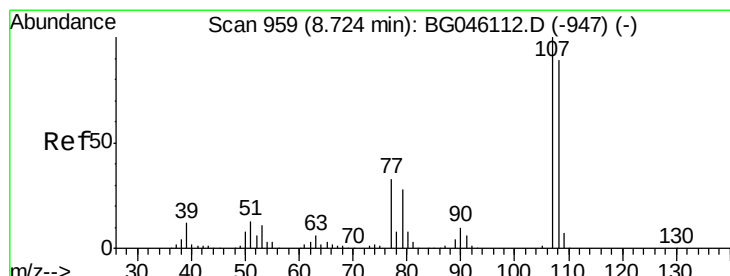
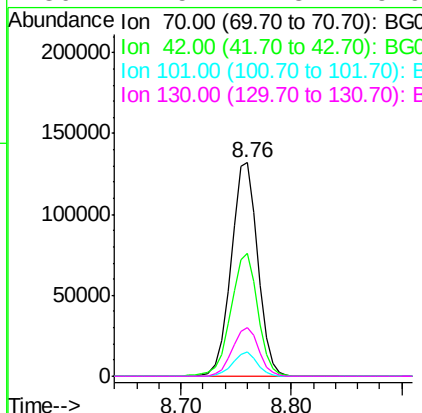
#19
n-Nitroso-di-n-propylamine
Concen: 40.961 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.5	46.5	69.7		
101	11.3	7.6	11.4		
130	22.5	17.3	25.9		

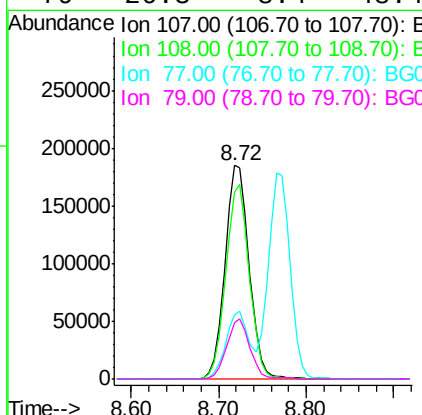
Manual Integrations
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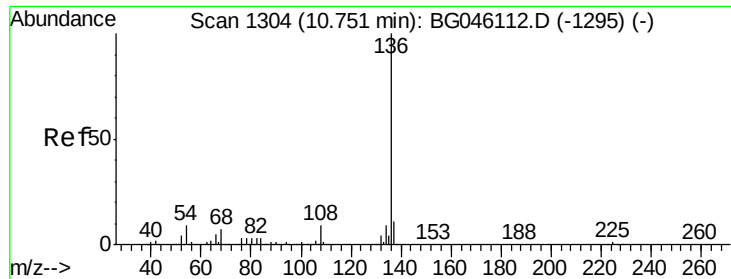
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#20
3+4-Methylphenols
Concen: 44.983 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.7	69.1	109.1		
77	30.1	12.5	52.5		
79	26.3	8.4	48.4		





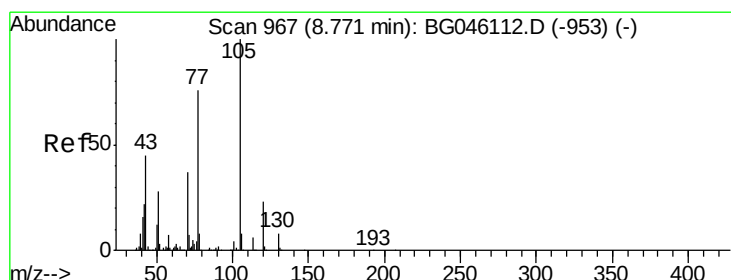
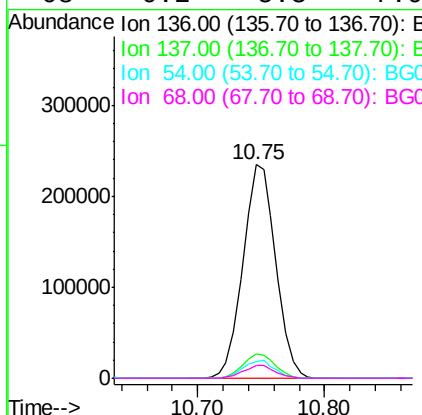
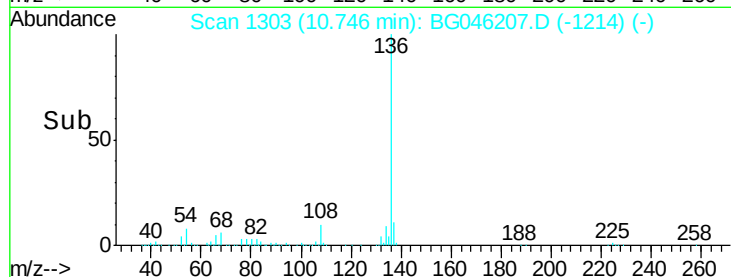
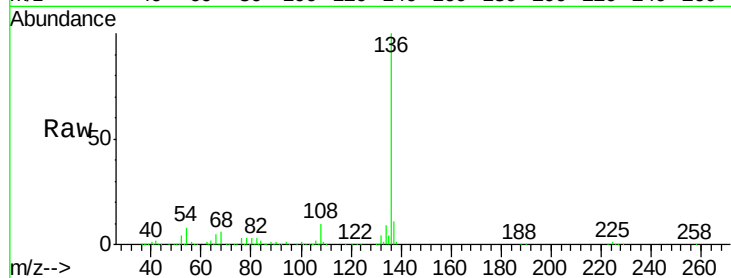
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		419589		
137	11.2	8.8	13.2		
54	8.1	7.0	10.4		
68	6.2	5.3	7.9		

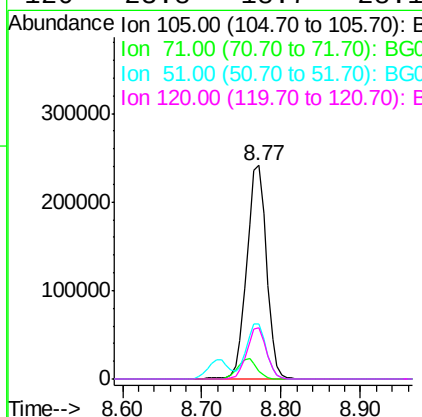
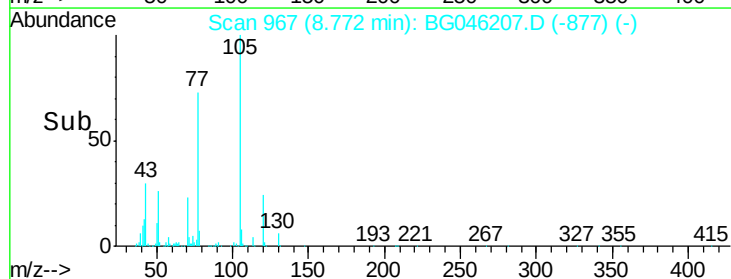
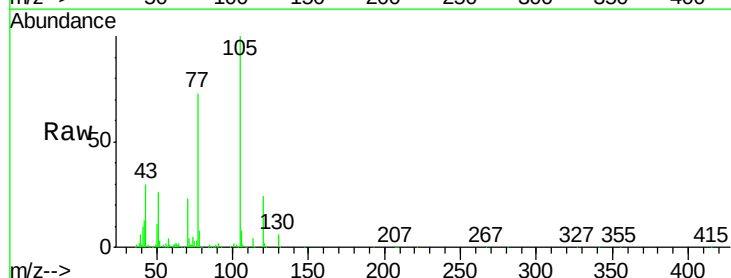
Manual Integrations
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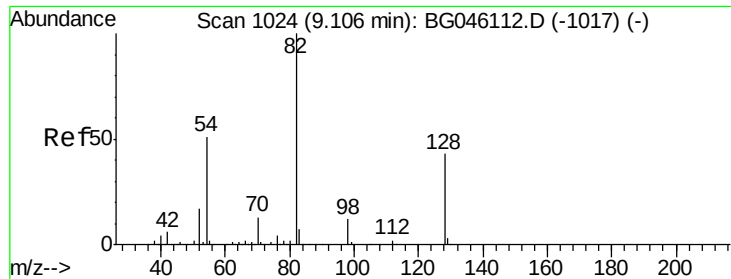
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#22
Acetophenone
Concen: 38.927 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		419169		
71	3.8	5.3	7.9#		
51	26.0	22.7	34.1		
120	23.8	18.7	28.1		





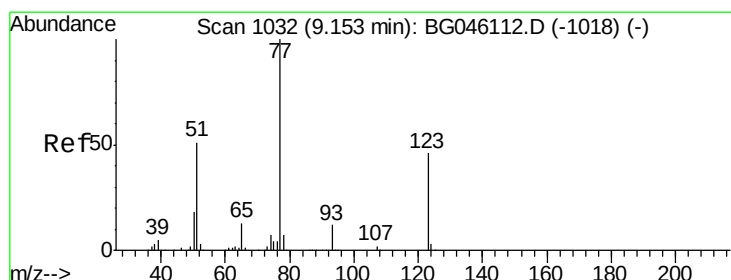
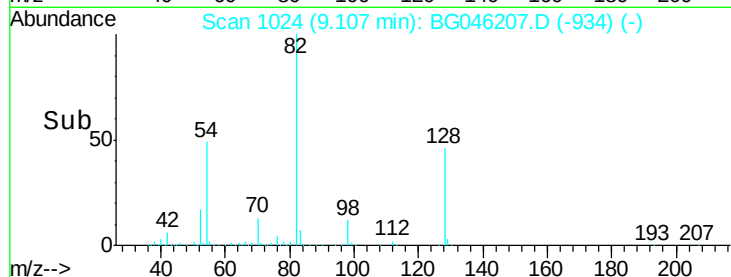
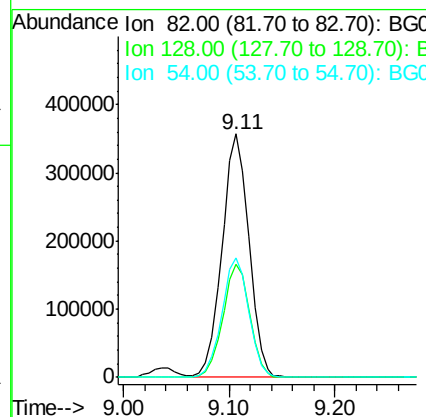
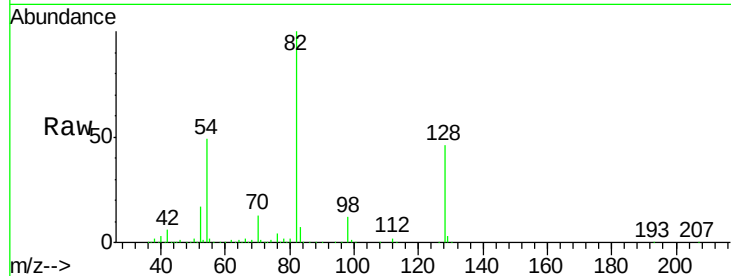
#23
Nitrobenzene-d5
Concen: 81.290 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.4	51.6
54	49.1	40.8	61.2

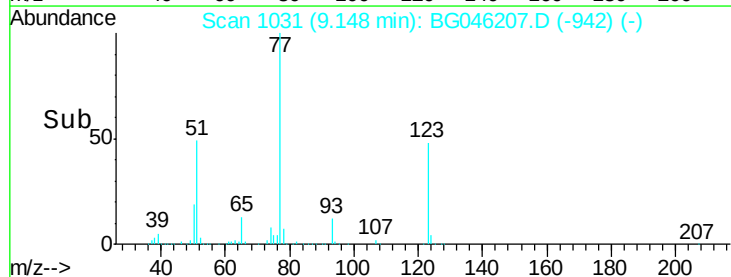
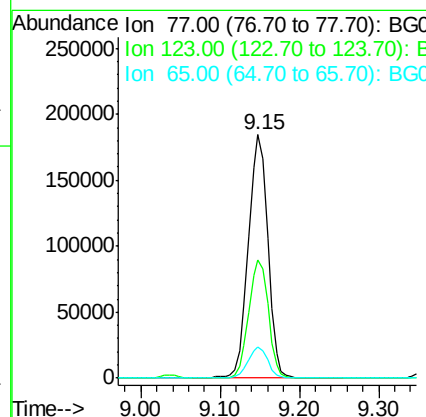
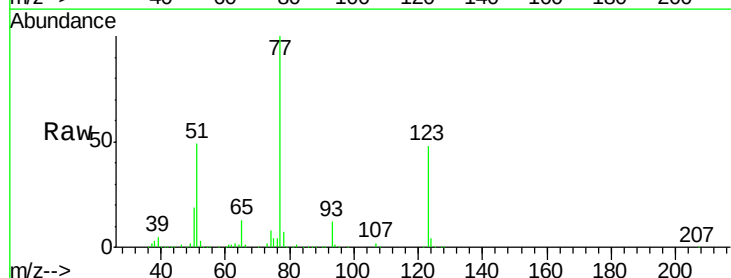
Manual Integrations
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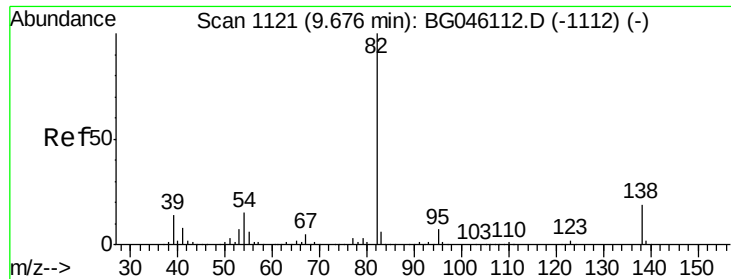
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#24
Nitrobenzene
Concen: 38.194 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	36.8	55.2
65	12.9	10.2	15.2





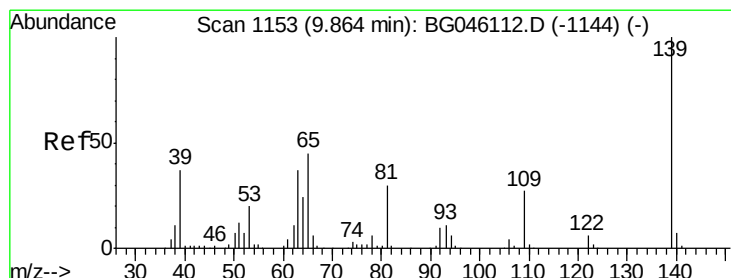
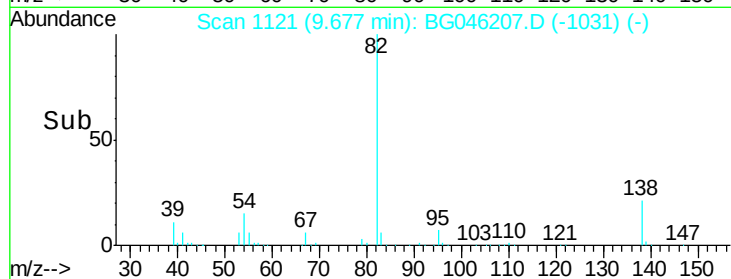
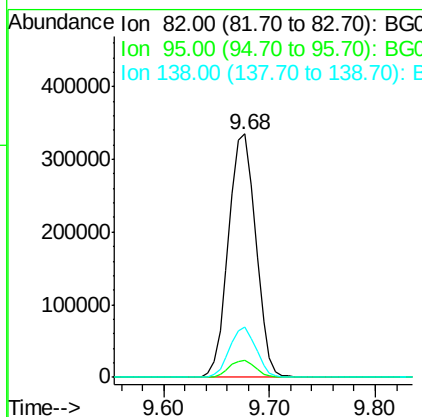
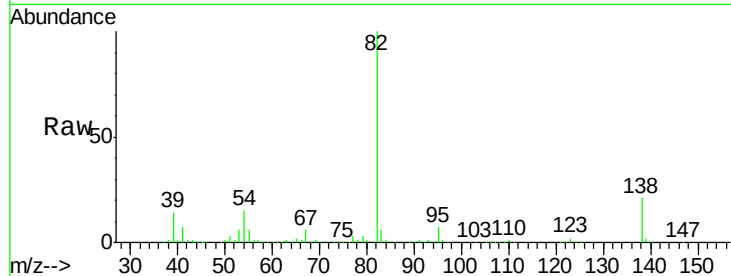
#25
Isophorone
Concen: 38.944 ng
RT: 9.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	600542		
95	6.9		5.5	8.3
138	20.6		15.3	22.9

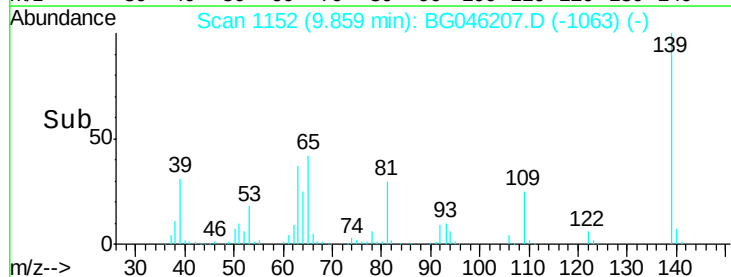
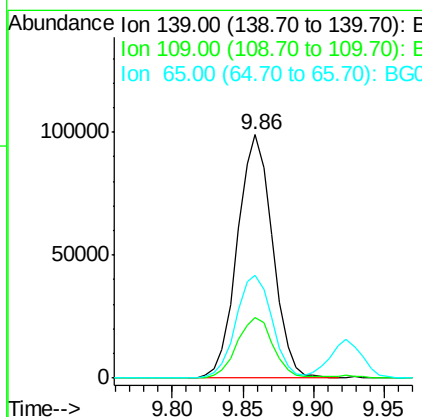
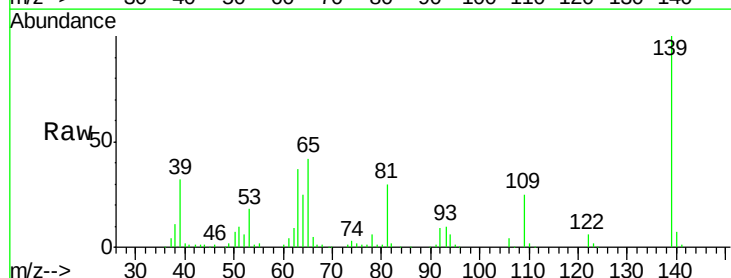
Manual Integrations
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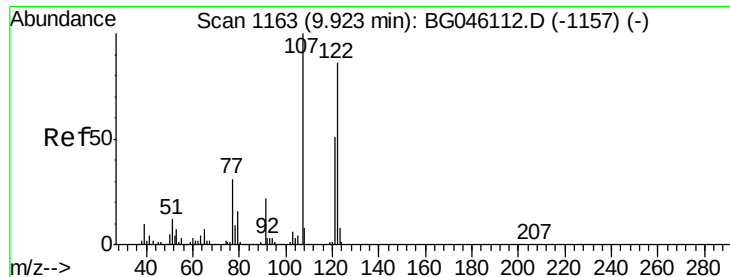
mohammad
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#26
2-Nitrophenol
Concen: 45.940 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	172030		
109	24.9		21.8	32.8
65	42.1		36.2	54.2





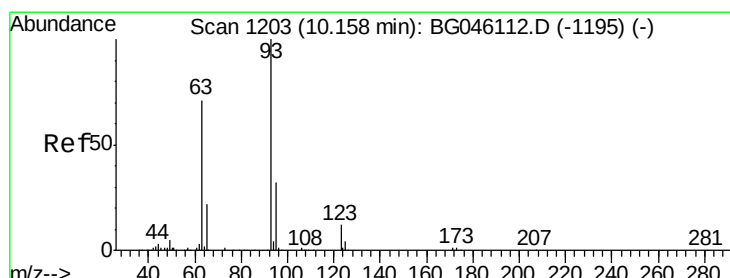
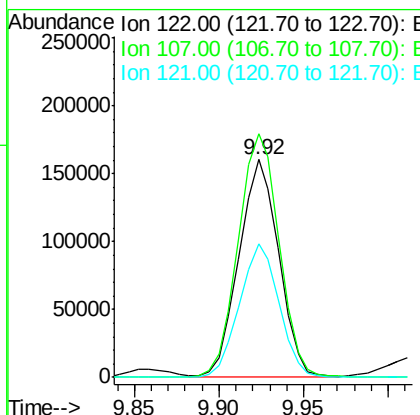
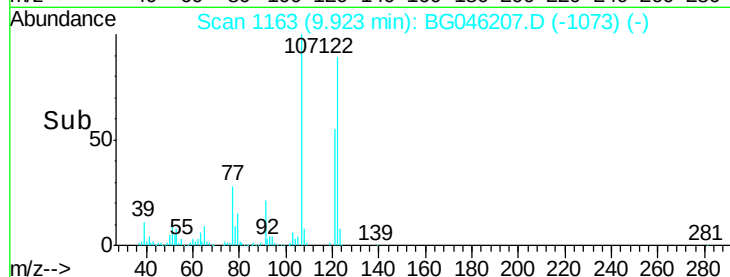
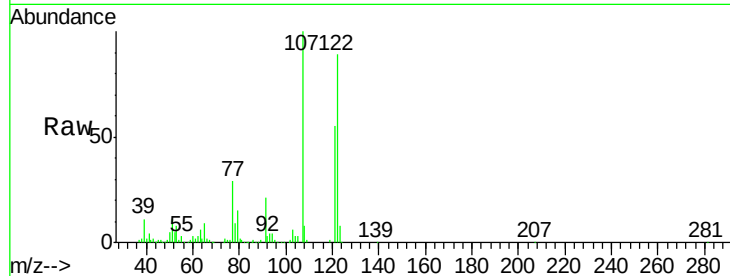
#27
 2,4-Dimethylphenol
 Concen: 43.009 ng
 RT: 9.92 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	262027		
107	111.9	92.4	138.6	
121	61.2	47.0	70.6	

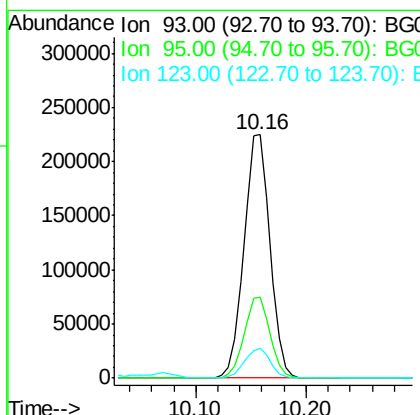
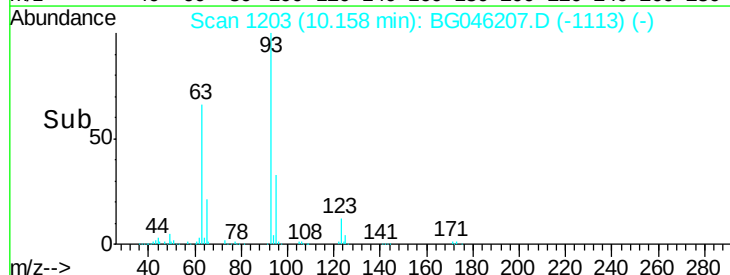
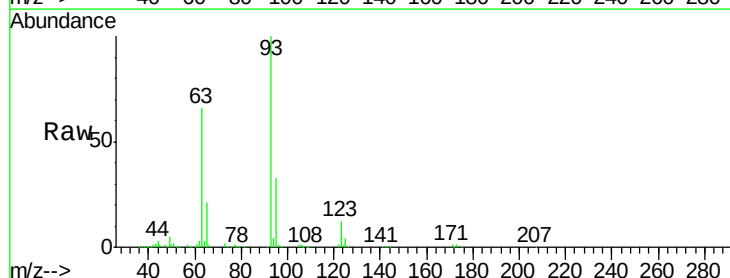
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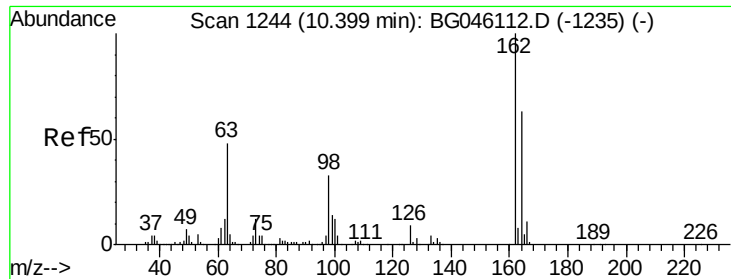
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.339 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	371778		
95	33.3	26.0	39.0	
123	12.3	9.7	14.5	





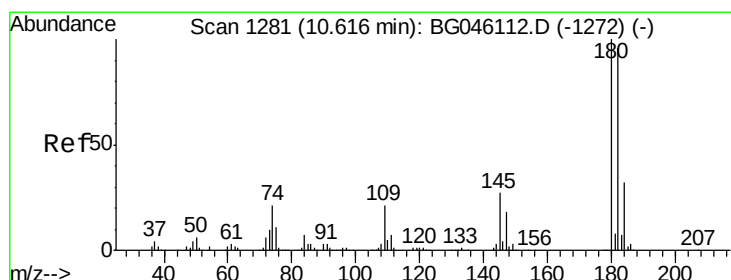
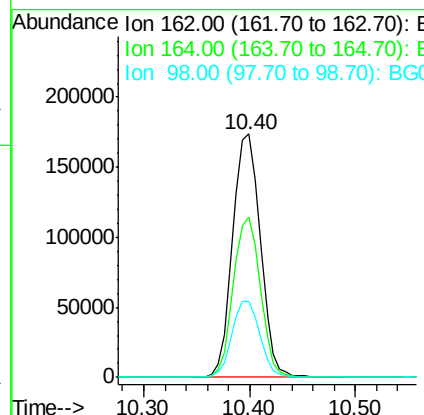
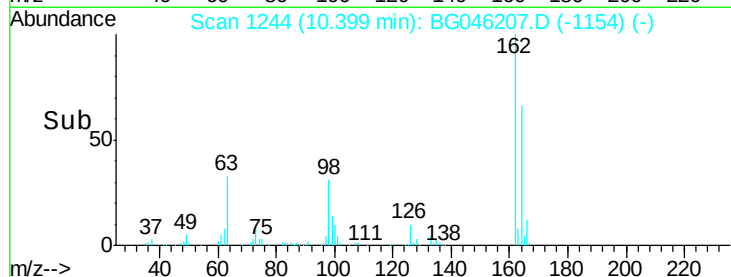
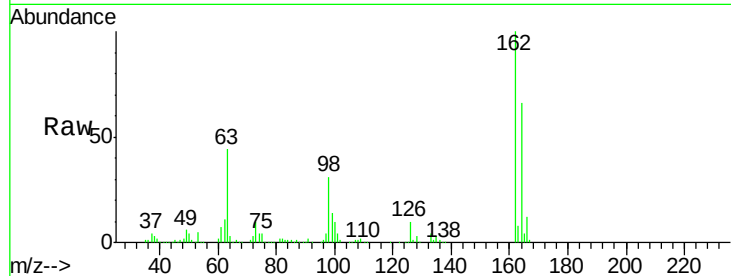
#29
 2,4-Dichlorophenol
 Concen: 44.180 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	316627		
164	65.9	43.3	83.3	
98	31.2	13.1	53.1	

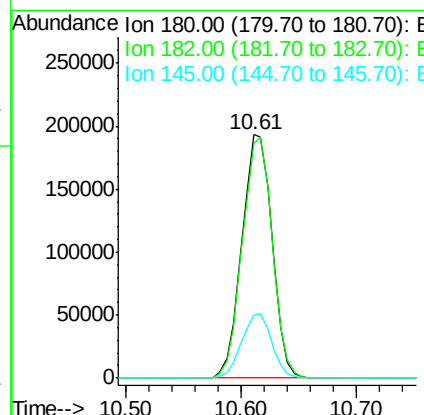
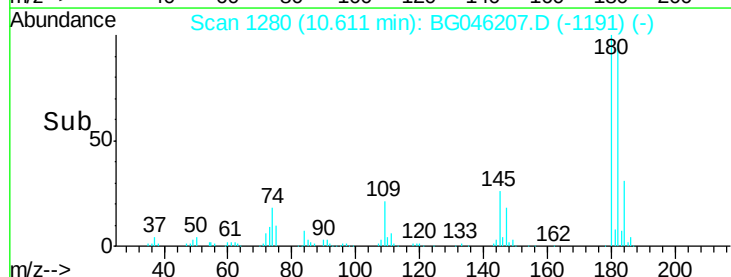
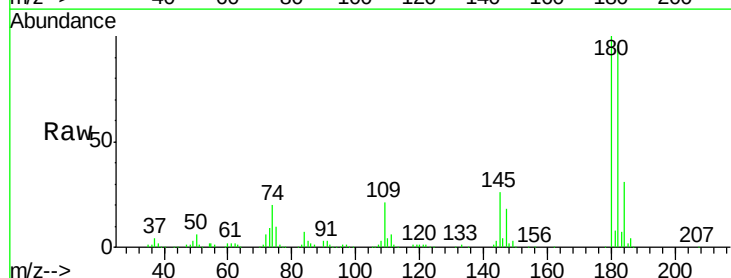
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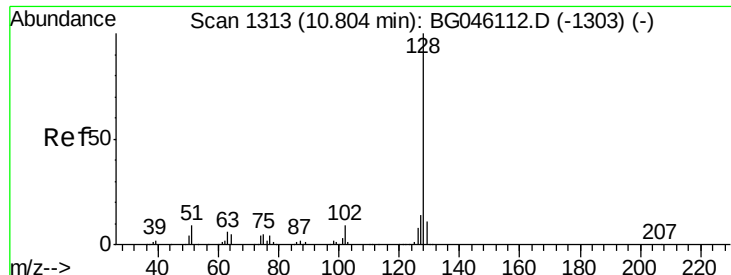
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.734 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	350377		
182	96.2	76.7	115.1	
145	26.1	21.8	32.8	





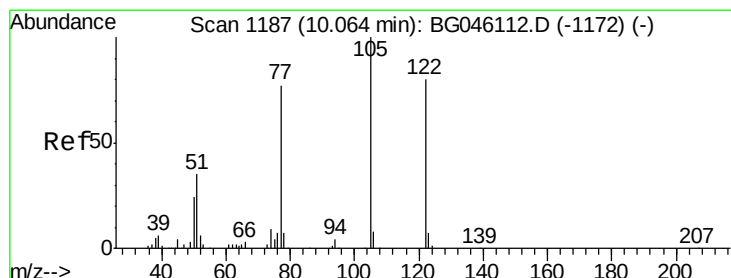
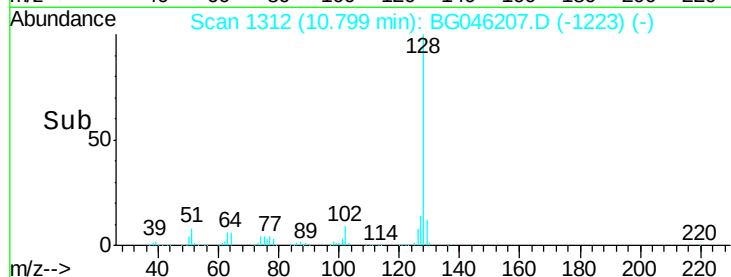
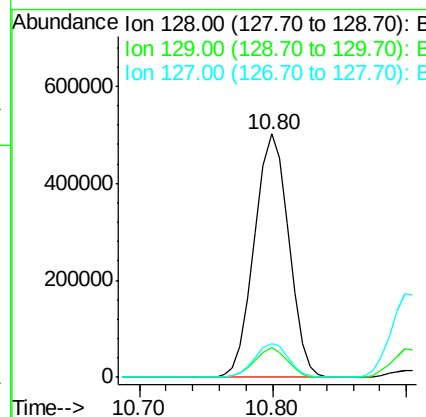
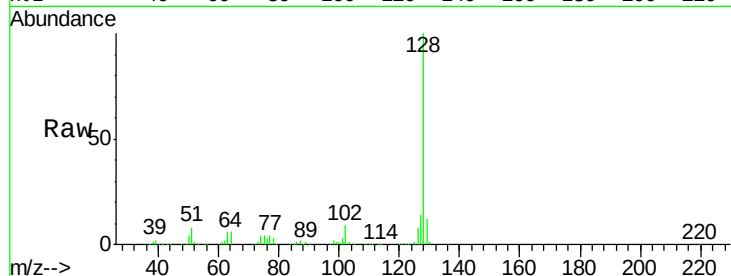
#31
Naphthalene
Concen: 40.182 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.5	9.1	13.7	
127	14.0	11.3	16.9	

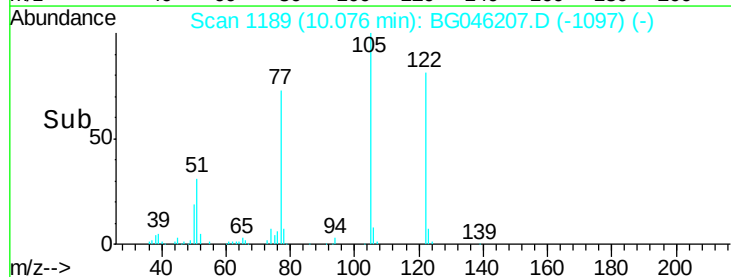
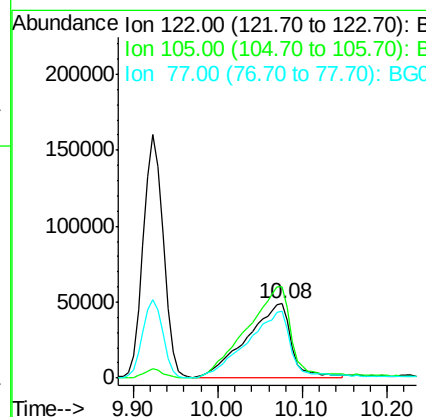
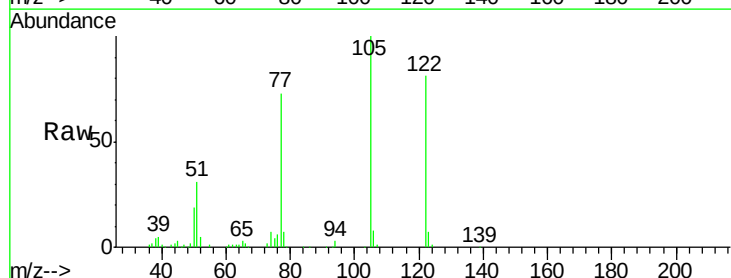
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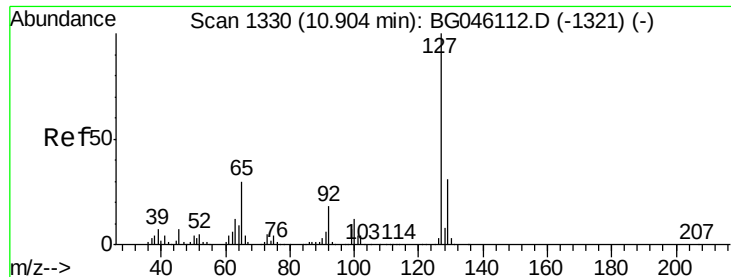
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#32
Benzoic acid
Concen: 41.124 ng
RT: 10.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.2	103.0	143.0	
77	89.7	75.2	115.2	





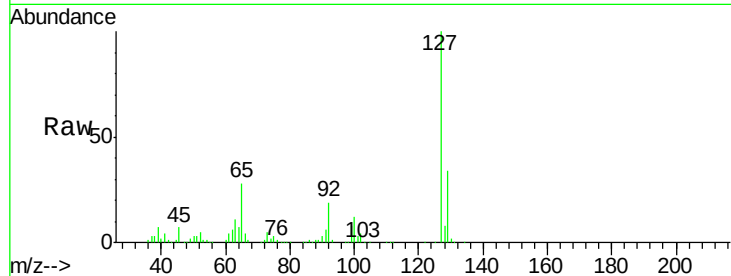
#33
4-Chloroaniline
Concen: 34.860 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

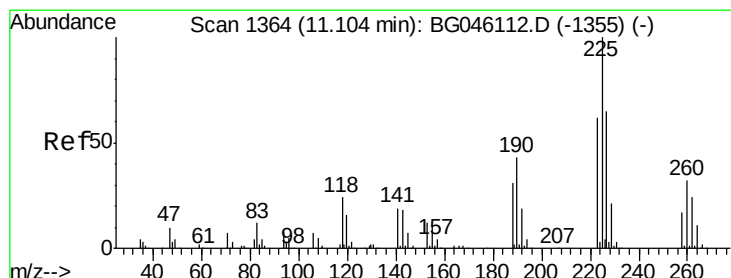
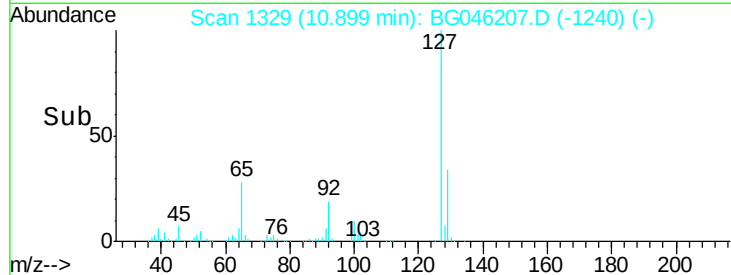
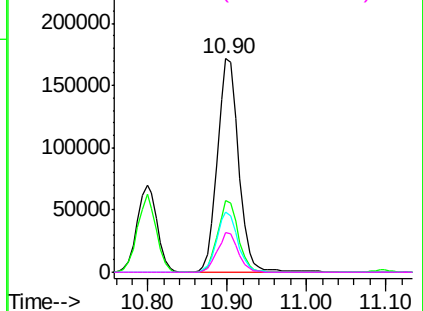
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	25.2	37.8		
65	28.2	24.2	36.2		
92	18.7	14.5	21.7		

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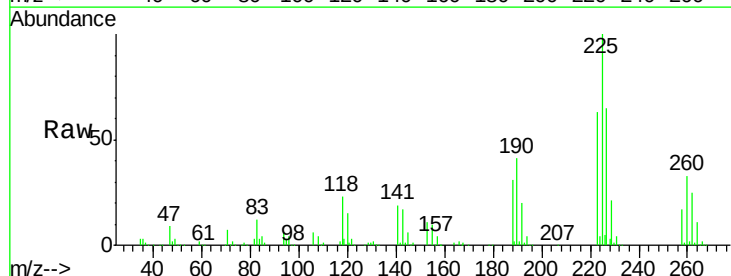


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

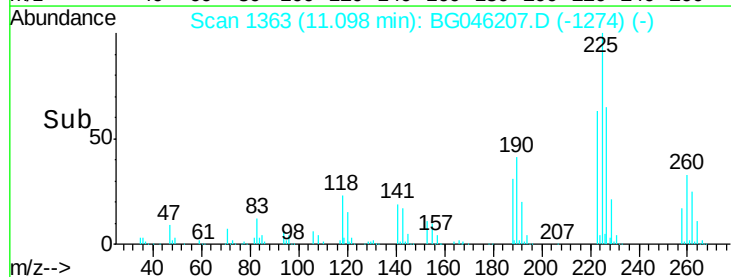
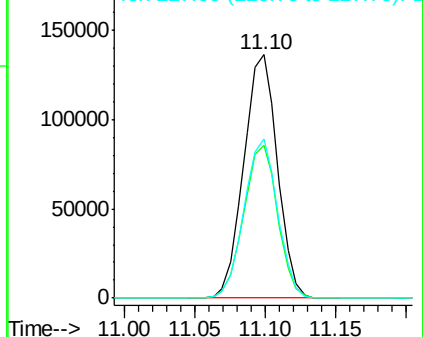


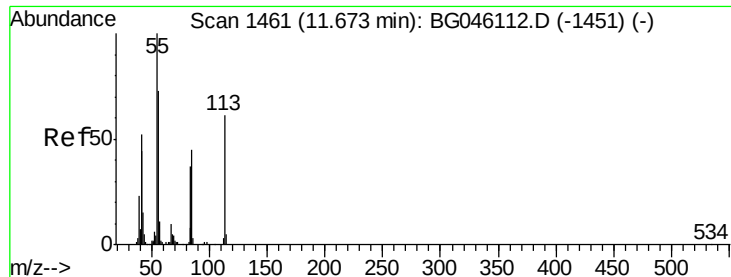
#34
Hexachlorobutadiene
Concen: 40.868 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	49.8	74.6		
227	65.1	51.9	77.9		



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





#35

Caprolactam

Concen: 44.360 ng/mL

RT: 11.67 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

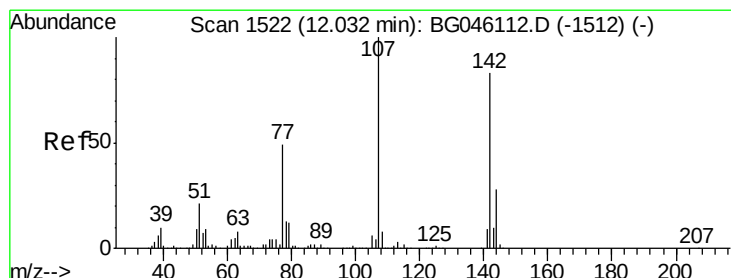
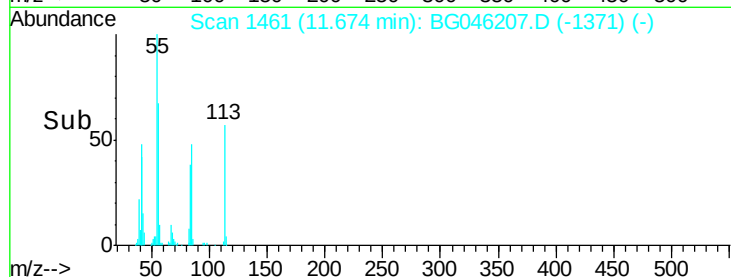
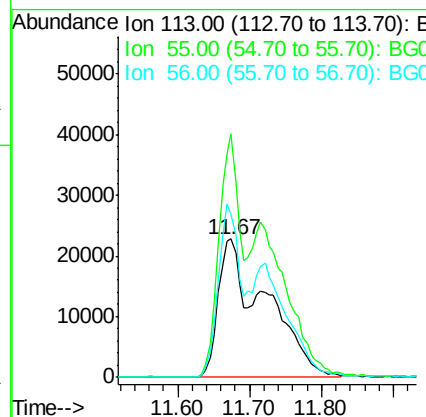
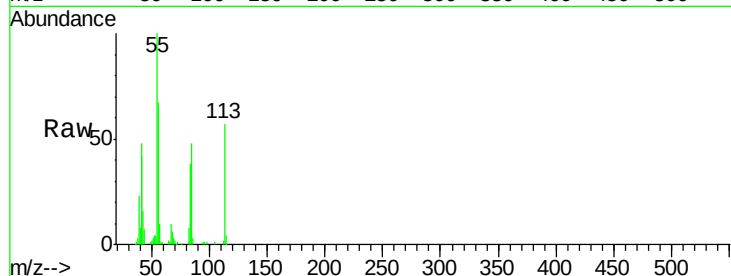
ClientSampleId :

PB130837BS

Tot Ion:113	Resp:	104055
Ion Ratio	Lower	Upper
113	100	
55	175.7	144.7 184.7
56	117.9	99.4 139.4

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#36

4-Chloro-3-methylphenol

Concen: 43.769 ng/mL

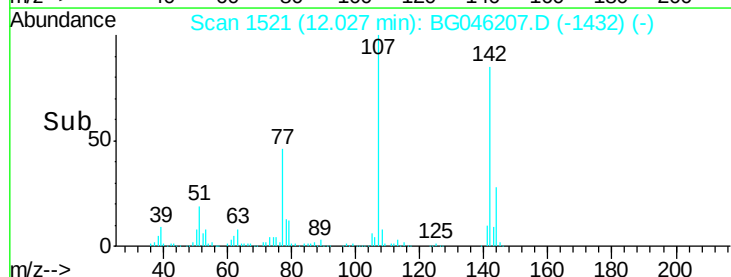
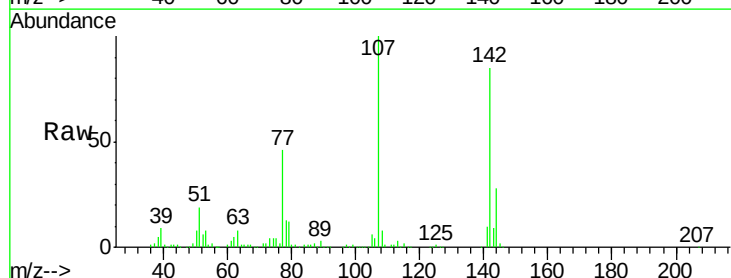
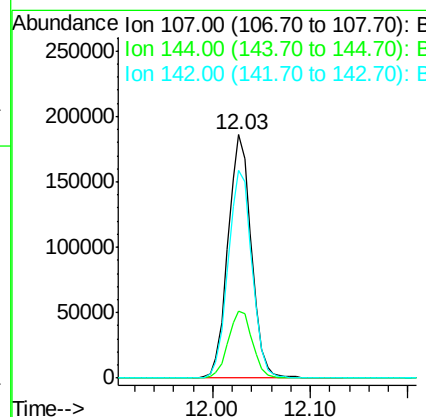
RT: 12.03 min Scan# 1521

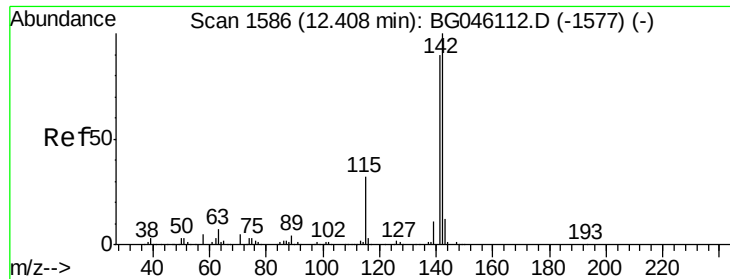
Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:107	Resp:	307830
Ion Ratio	Lower	Upper
107	100	
144	27.8	22.4 33.6
142	85.1	66.6 100.0





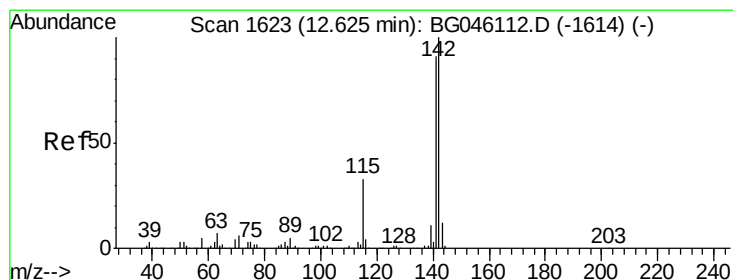
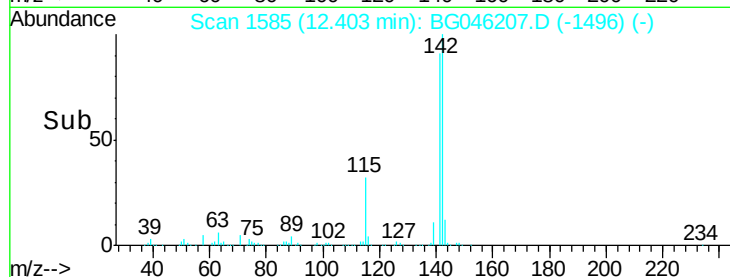
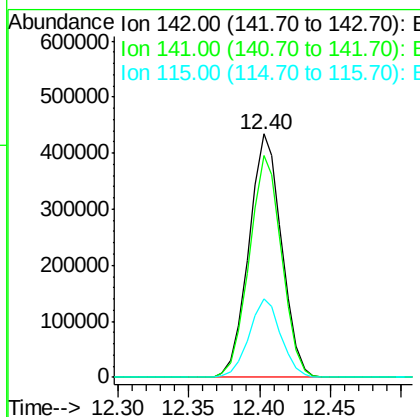
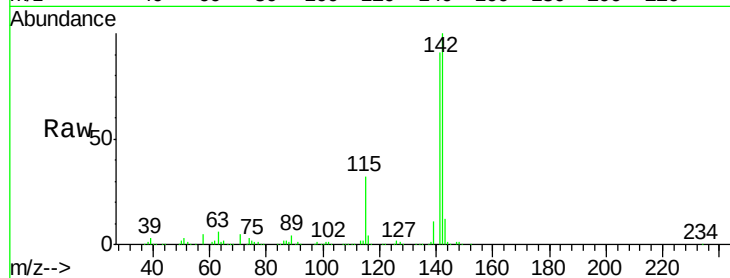
#37
2-Methylnaphthalene
Concen: 41.230 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.7	107.5
115	32.2	25.8	38.8

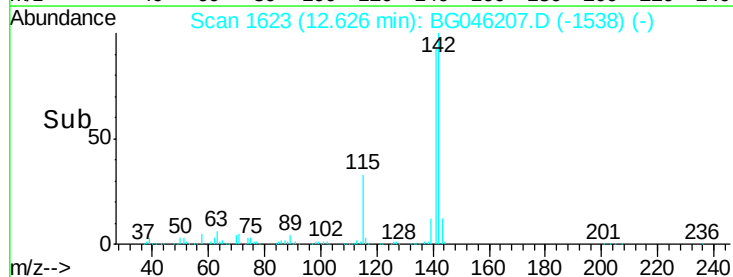
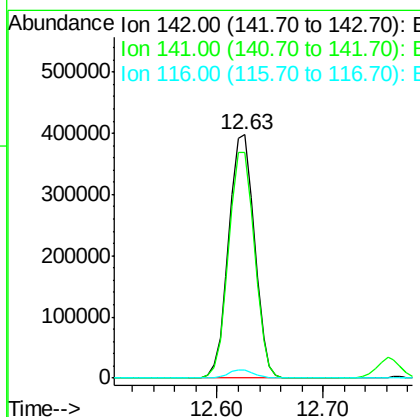
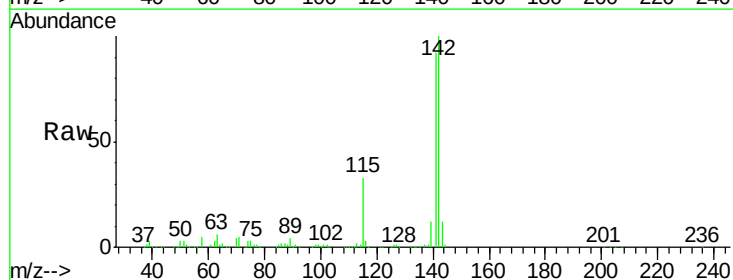
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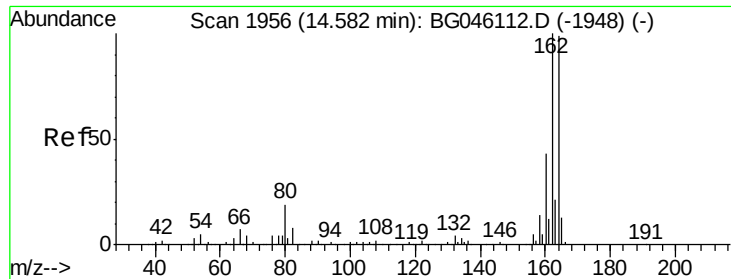
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#38
1-Methylnaphthalene
Concen: 41.474 ng
RT: 12.63 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.0	109.4
116	3.4	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

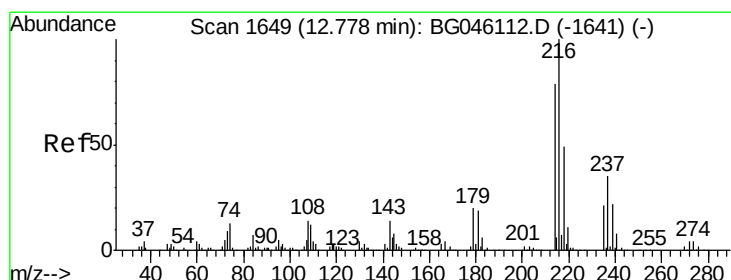
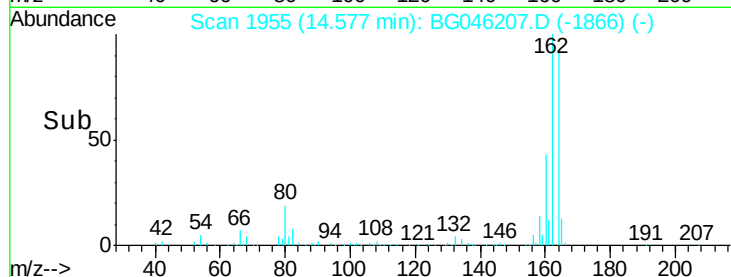
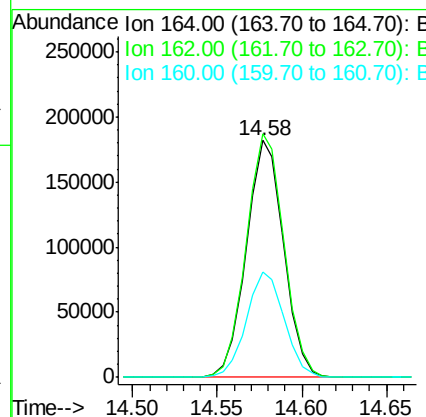
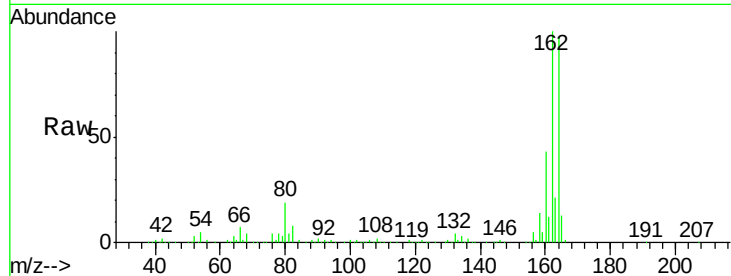
ClientSampleId :

PB130837BS

Tot Ion:	164	Resp:	278089
Ion Ratio	Lower	Upper	
164	100		
162	102.7	80.6	121.0
160	44.2	34.9	52.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.198 ng

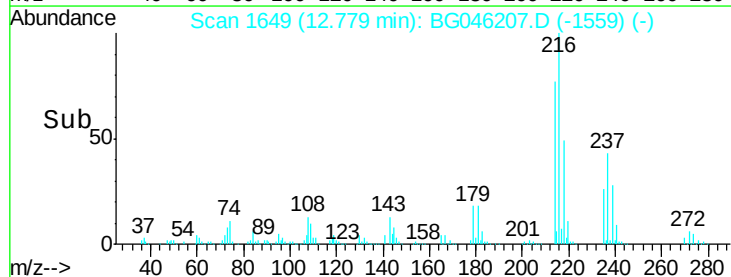
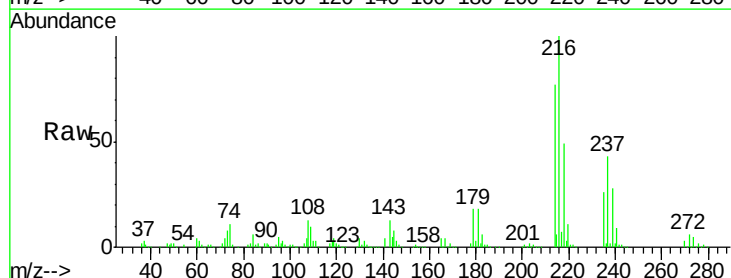
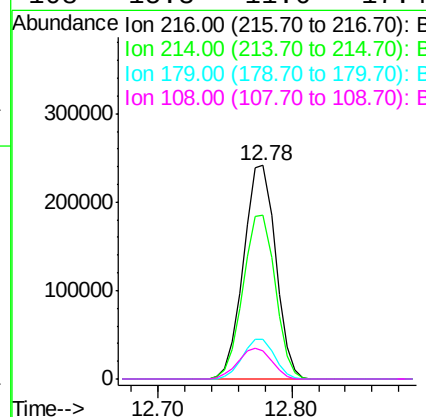
RT: 12.78 min Scan# 1649

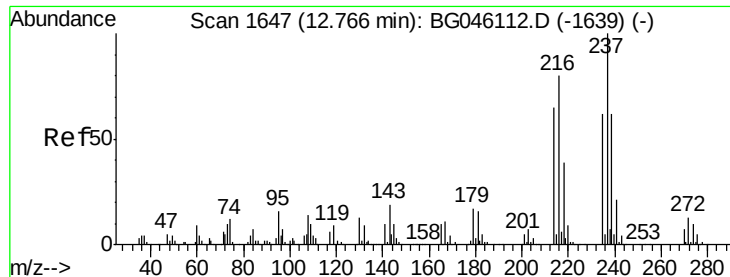
Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:	216	Resp:	402773
Ion Ratio	Lower	Upper	
216	100		
214	76.7	62.7	94.1
179	18.7	15.0	22.6
108	15.3	11.6	17.4





#41

Hexachlorocyclopentadiene

Concen: 90.295 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

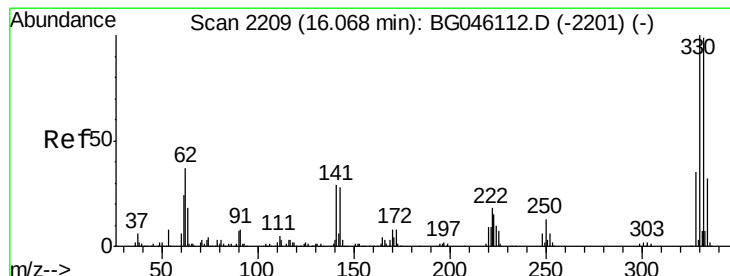
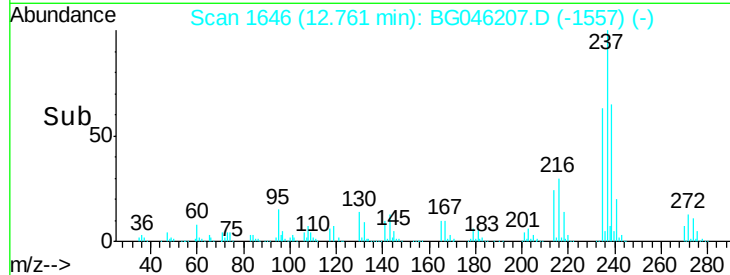
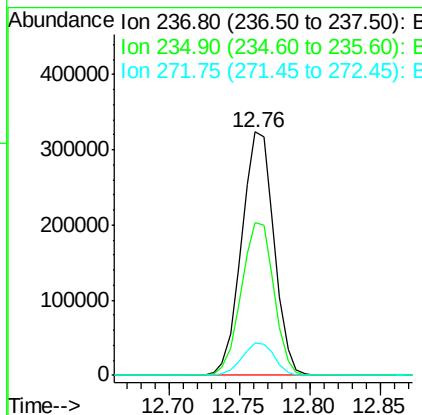
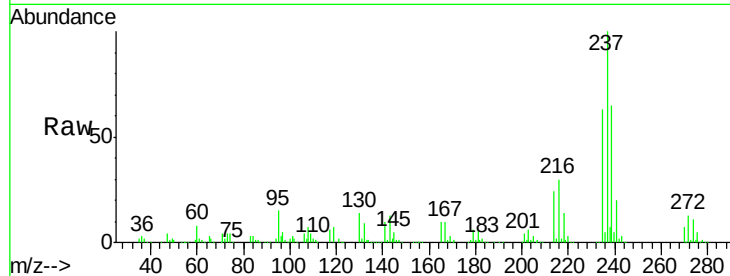
ClientSampleId :

PB130837BS

Tot Ion:	237	Resp:	518941
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.3	82.3
272	13.3	0.0	32.7

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#42

2,4,6-Tribromophenol

Concen: 135.970 ng

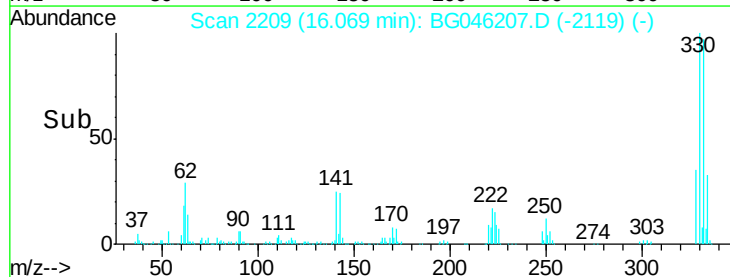
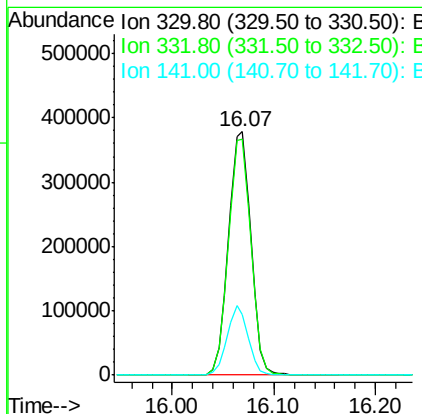
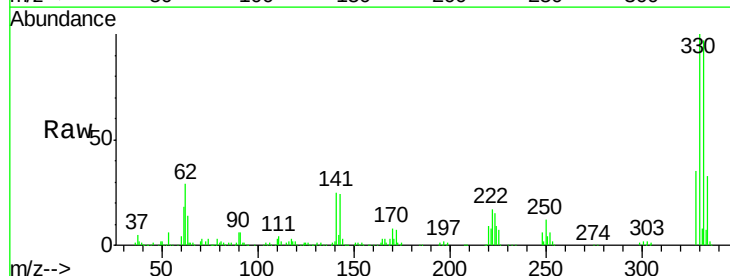
RT: 16.07 min Scan# 2209

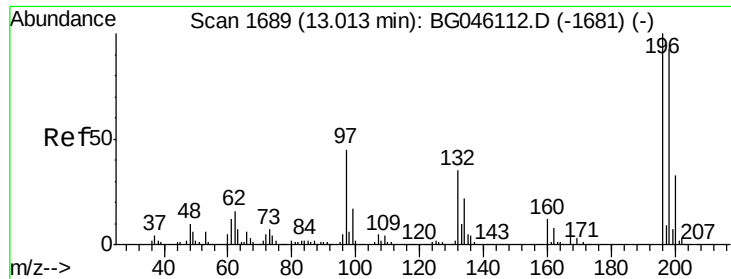
Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:	330	Resp:	580781
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.4	116.2
141	26.7	23.4	35.0





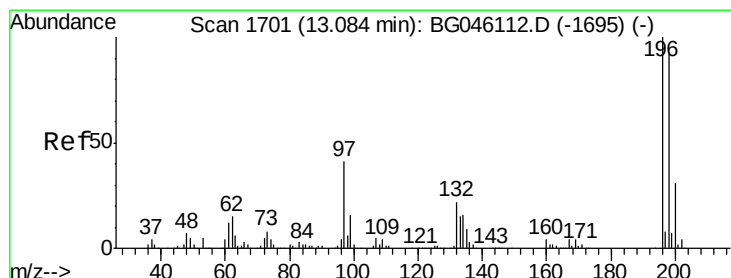
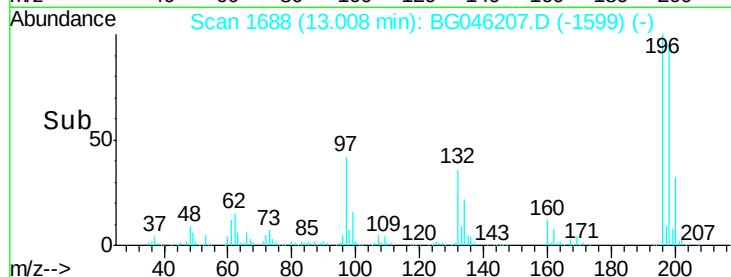
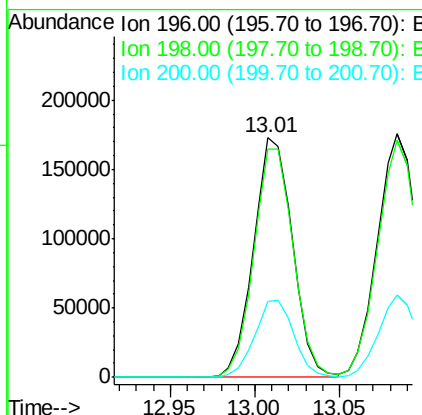
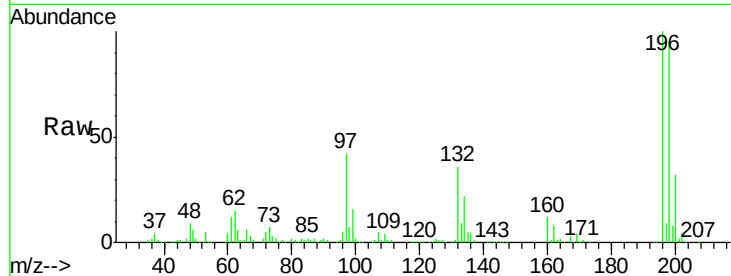
#43
 2,4,6-Trichlorophenol
 Concen: 43.441 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	277696		
198	95.3	74.2	111.4	
200	31.8	26.0	39.0	

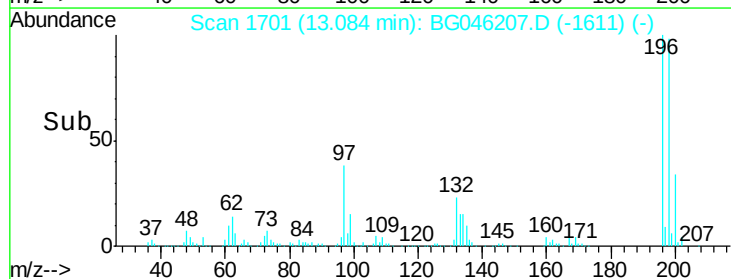
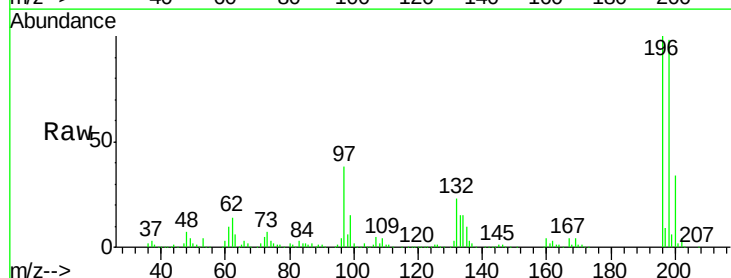
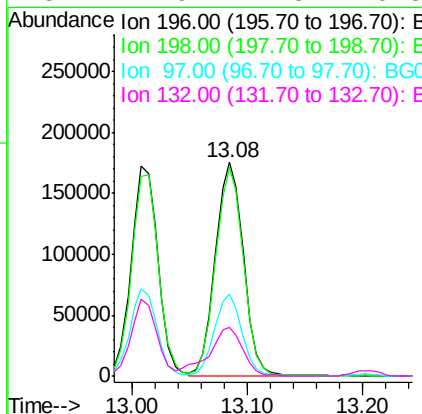
Manual Integrations
 APPROVED

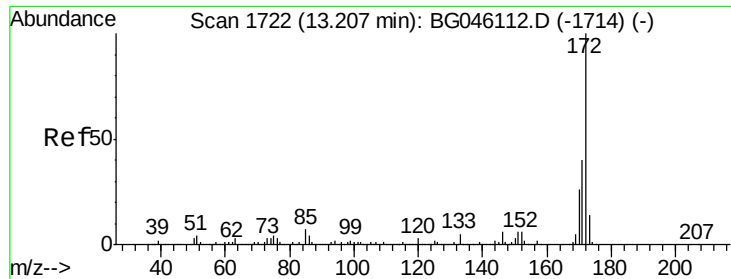
mohammad
 8/11/2020 2:51:42 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.260 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	294756		
198	97.7	73.9	110.9	
97	38.4	32.7	49.1	
132	22.9	17.8	26.8	





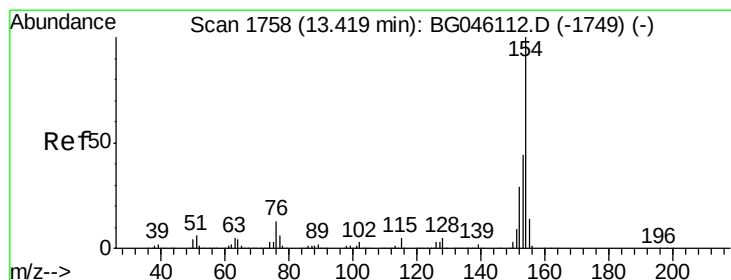
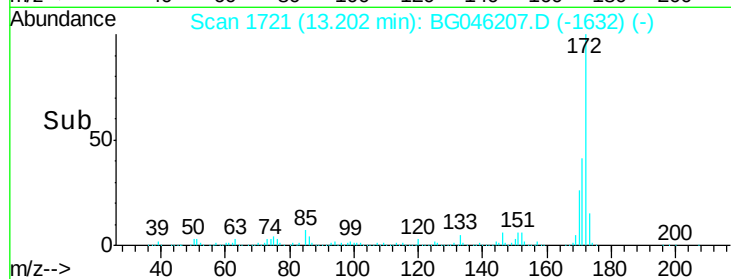
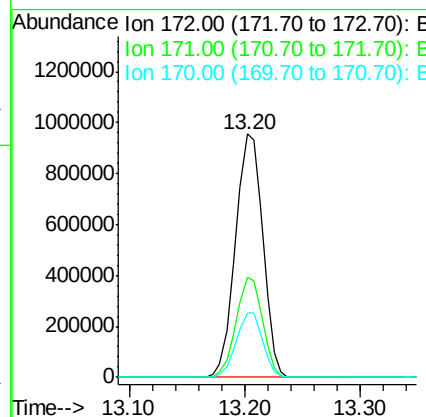
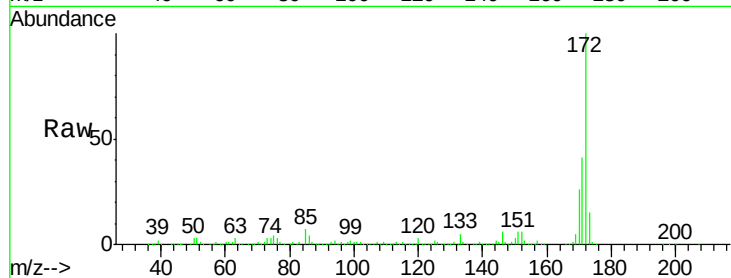
#45
2-Fluorobiphenyl
Concen: 81.802 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.1	31.7	47.5
170	26.3	20.9	31.3

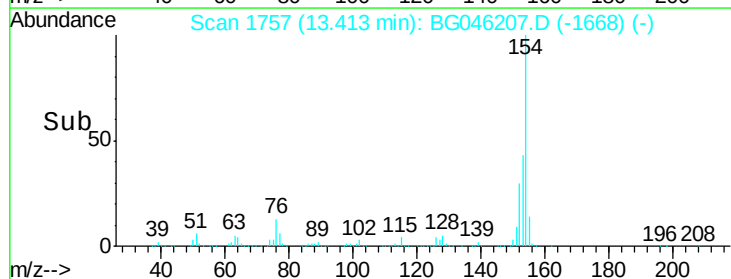
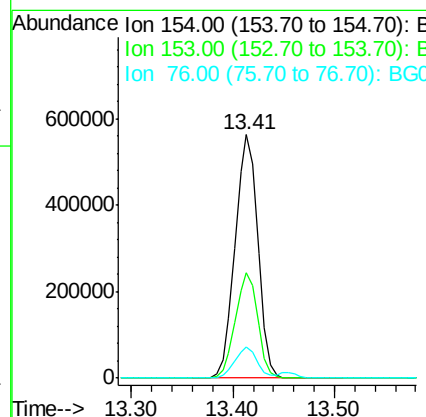
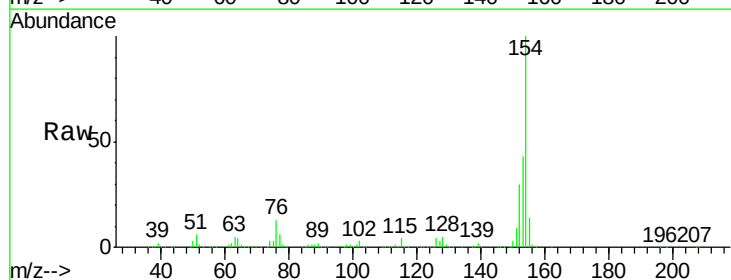
Manual Integrations
APPROVED

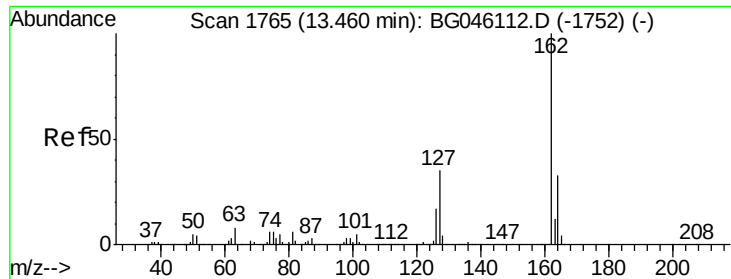
mohammad
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#46
1,1'-Biphenyl
Concen: 39.991 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	23.7	63.7
76	12.8	0.0	32.9





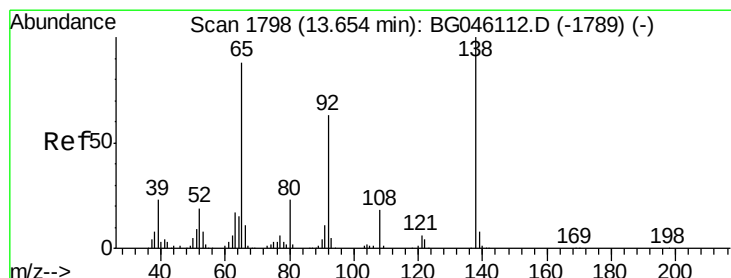
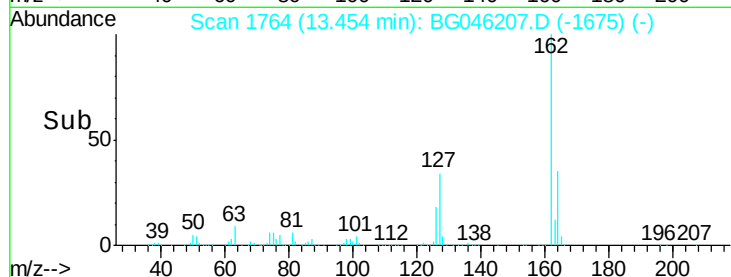
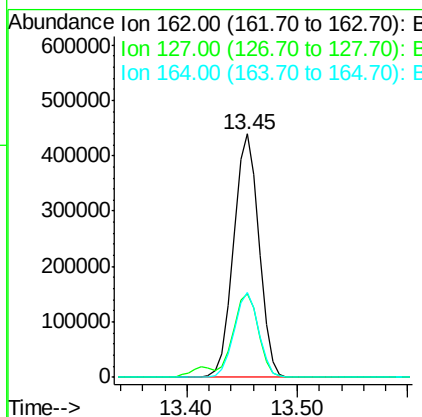
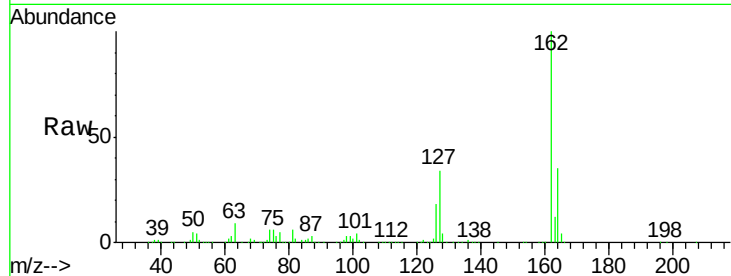
#47
 2-Chloronaphthalene
 Concen: 40.604 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	706561		
127	34.4	28.0	42.0	
164	34.9	26.5	39.7	

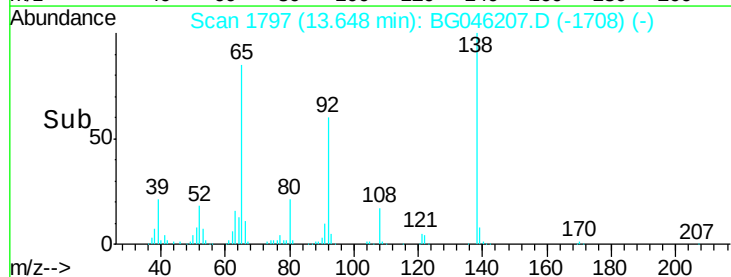
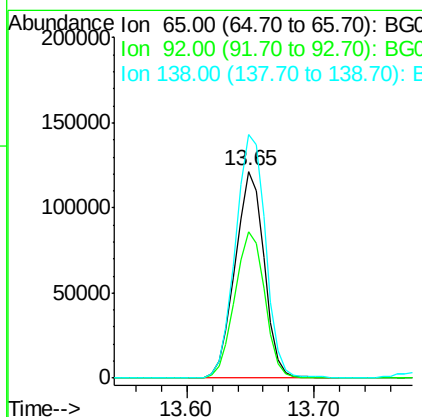
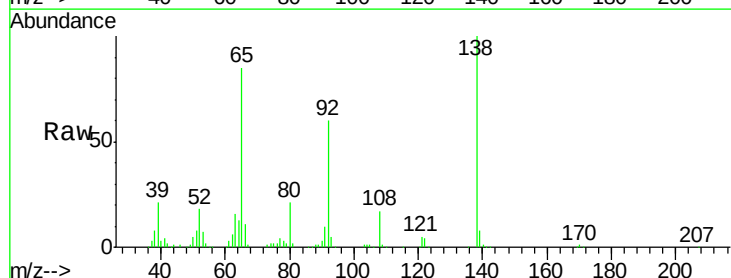
Manual Integrations
 APPROVED

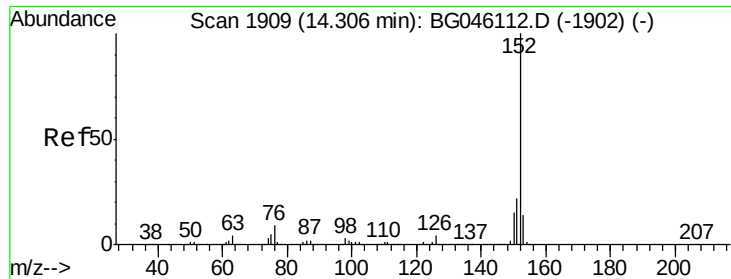
mohammad
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#48
 2-Nitroaniline
 Concen: 42.348 ng
 RT: 13.65 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	193160		
92	70.7	57.4	86.2	
138	117.7	91.1	136.7	





#49

Acenaphthylene

Concen: 40.543 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

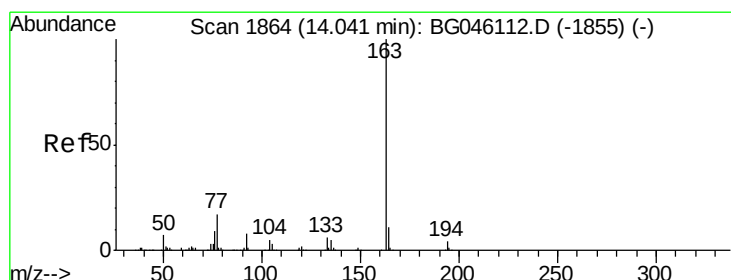
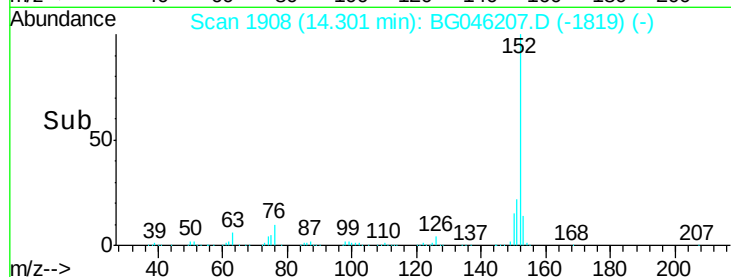
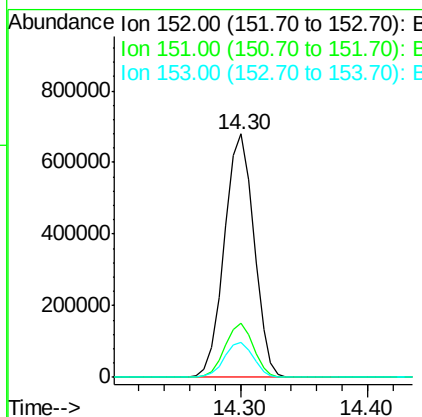
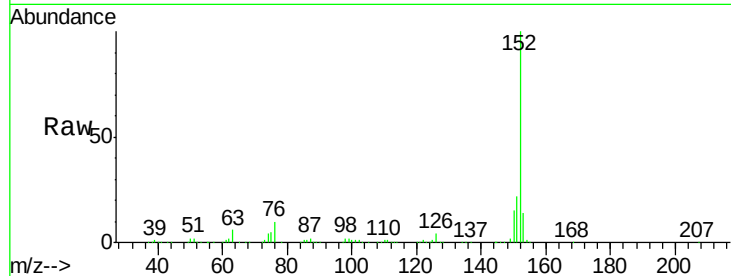
ClientSampleId :

PB130837BS

Tot Ion:	152	Resp:	1095504
Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.4	26.2
153	14.4	10.9	16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.938 ng

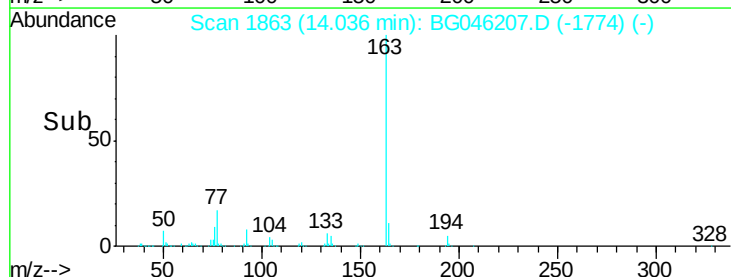
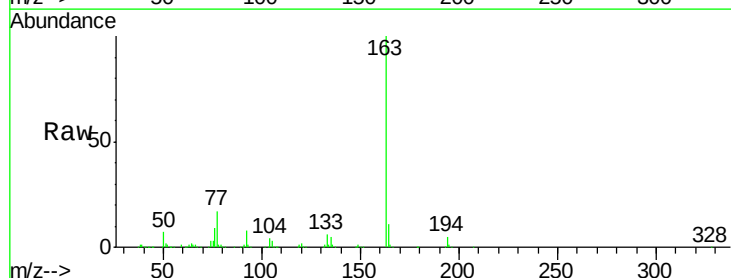
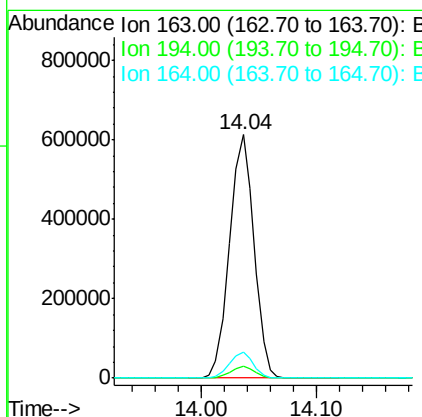
RT: 14.04 min Scan# 1863

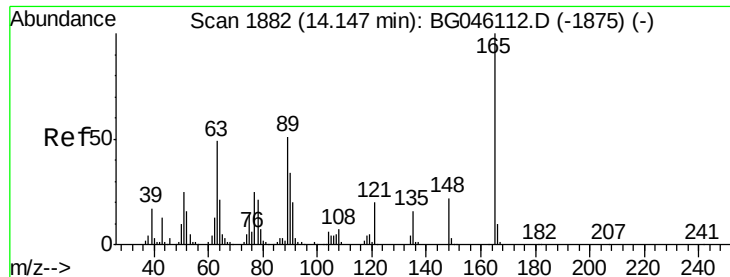
Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:	163	Resp:	895124
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	10.9	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 41.903 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

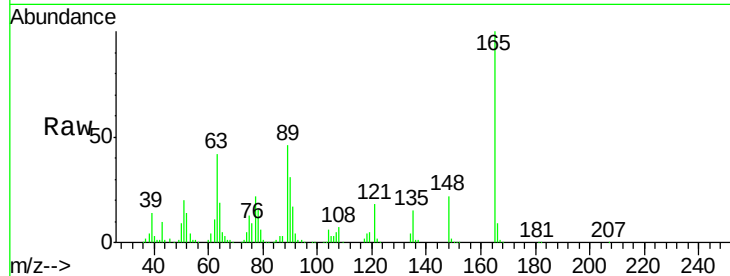
ClientSampleId :

PB130837BS

Tot Ion:	165	Resp:	208148
Ion Ratio		Lower	Upper
165	100		
63	42.0	39.7	59.5
89	46.2	41.0	61.6

Manual Integrations
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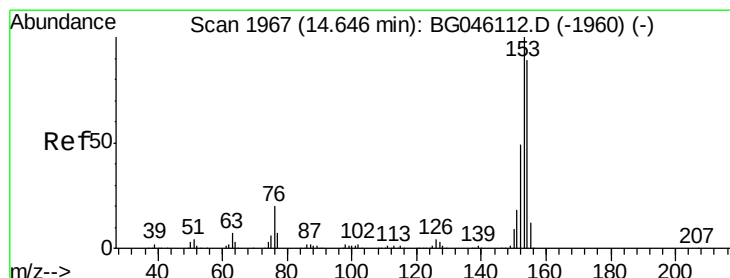
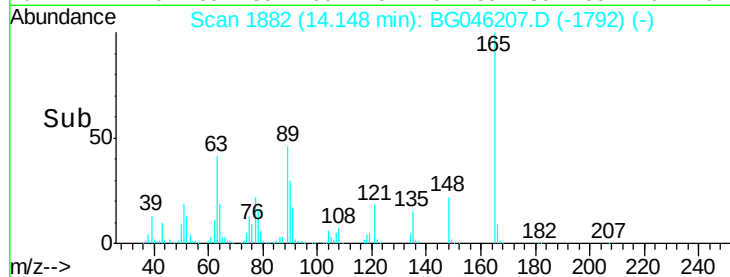
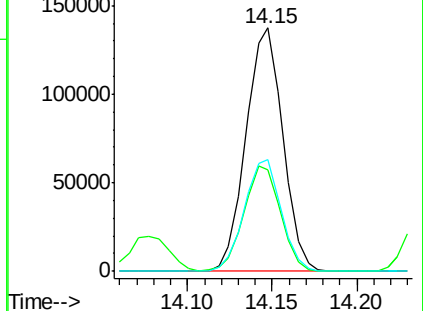
mohammad
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 45.206 ng m

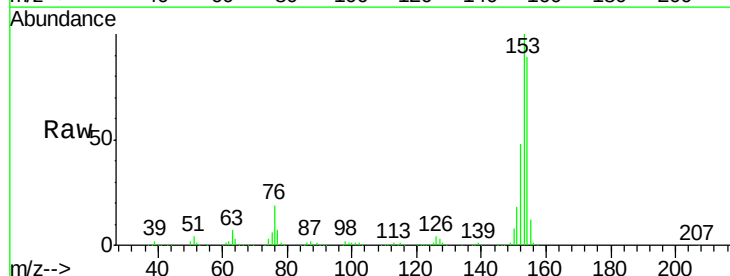
RT: 14.64 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

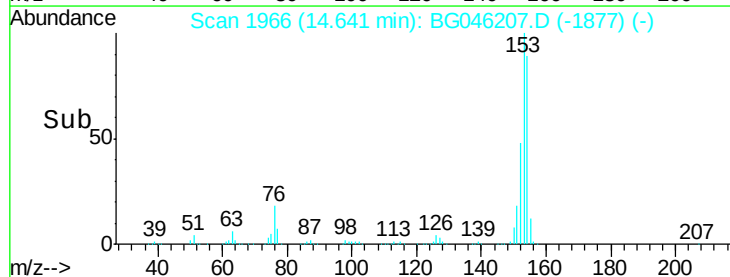
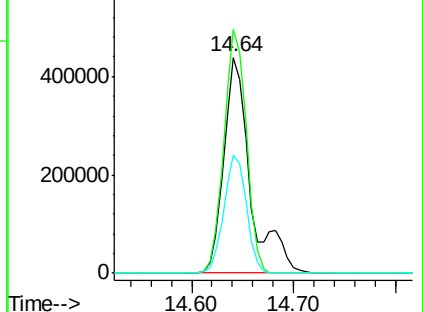
Tgt Ion:	154	Resp:	806167
Ion Ratio		Lower	Upper
154	100		
153	112.9	89.8	134.8
152	54.6	44.5	66.7

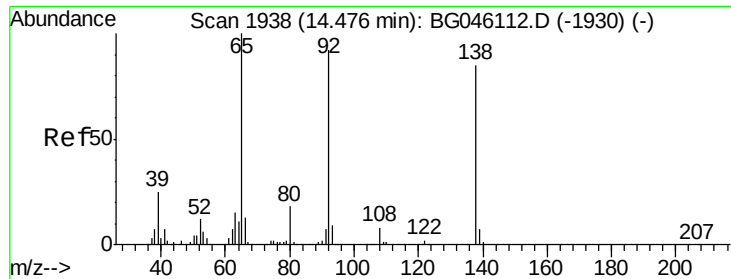


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





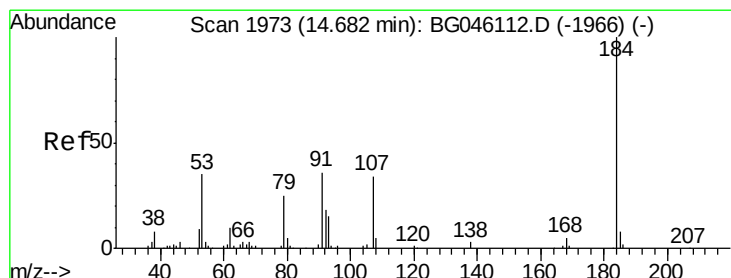
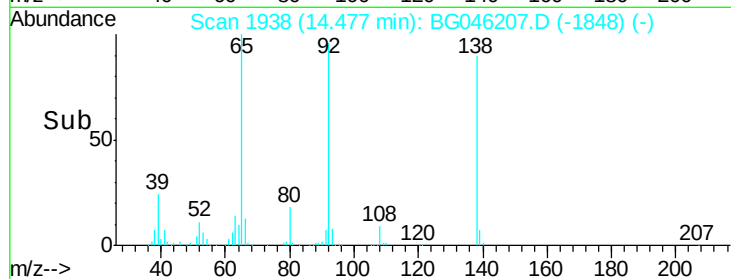
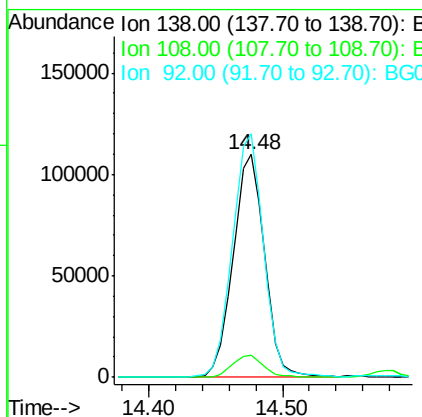
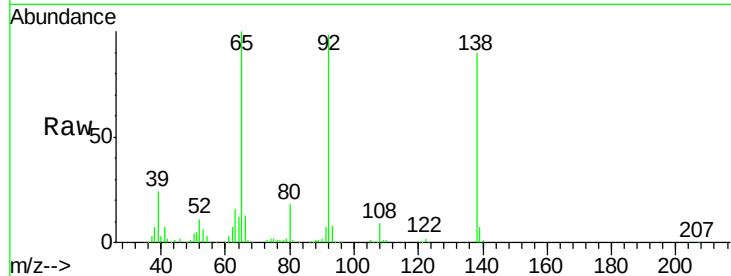
#53
3-Nitroaniline
Concen: 36.589 ng
RT: 14.48 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.2	10.8
92	109.2	87.5	131.3

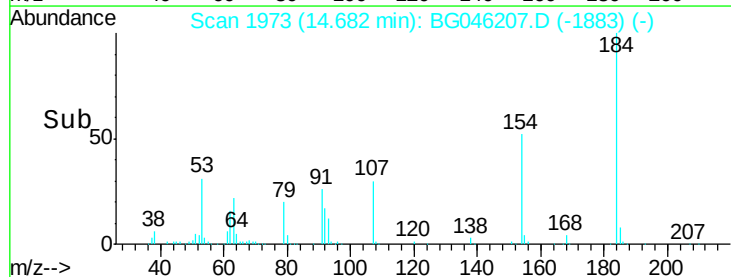
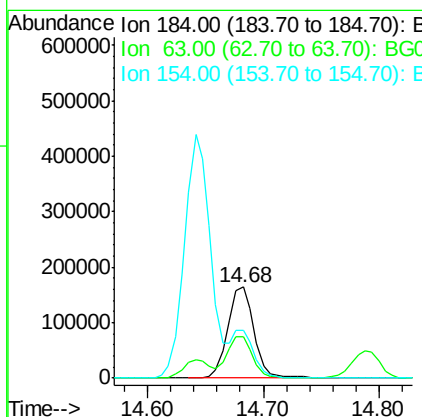
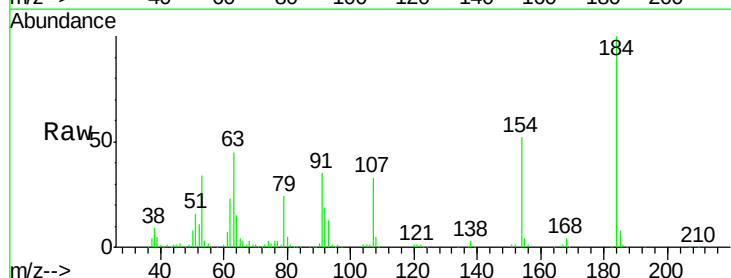
Manual Integrations
APPROVED

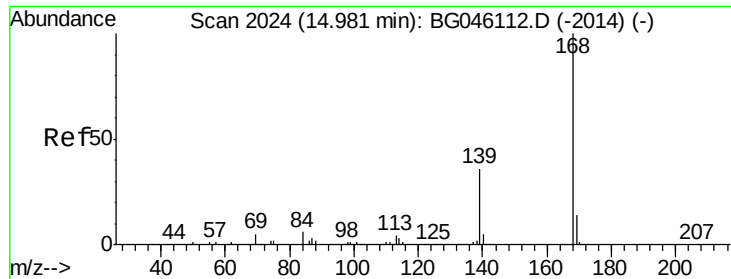
mohammad
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#54
2,4-Dinitrophenol
Concen: 82.014 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.1	36.7	55.1
154	52.4	41.3	61.9





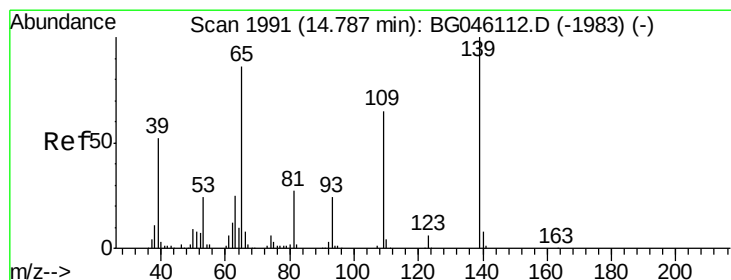
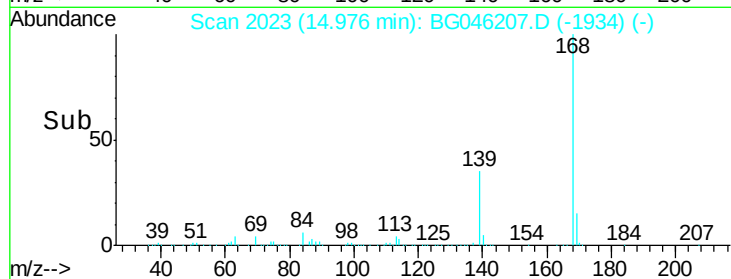
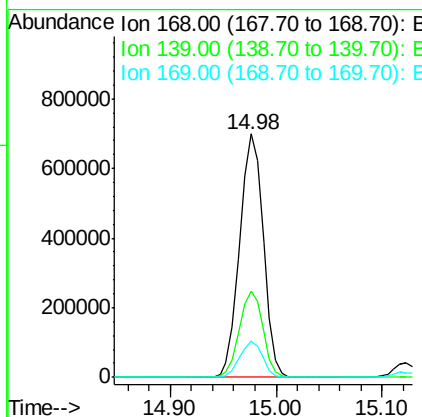
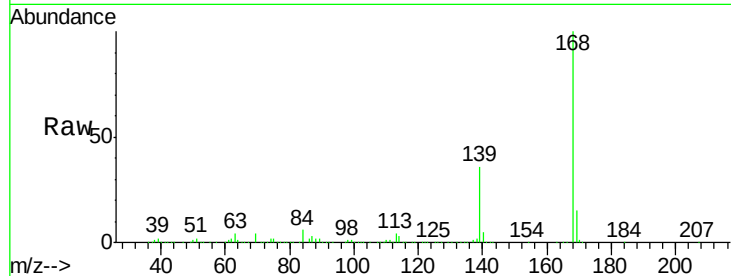
#55
Dibenzenofuran
Concen: 40.123 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.0	43.4
169	14.7	11.3	16.9

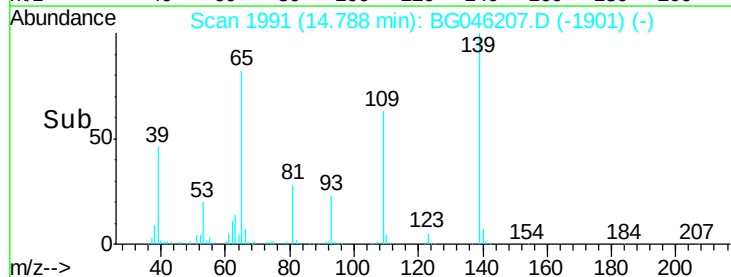
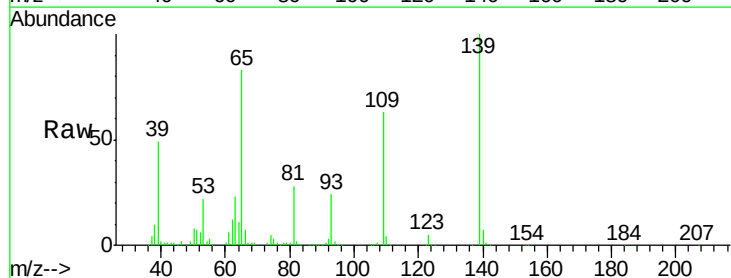
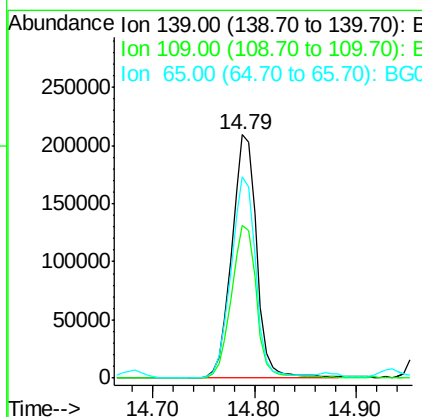
Manual Integrations
APPROVED

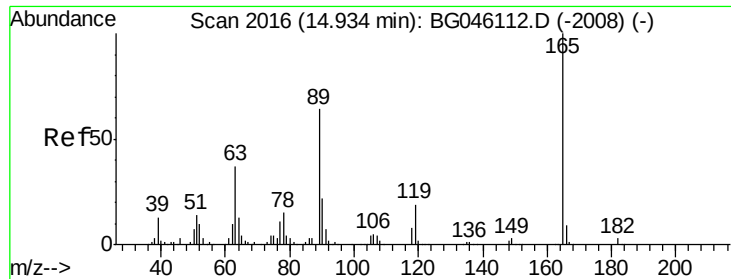
mohammad
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#56
4-Nitrophenol
Concen: 83.702 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.7	45.1	85.1
65	82.9	66.4	106.4





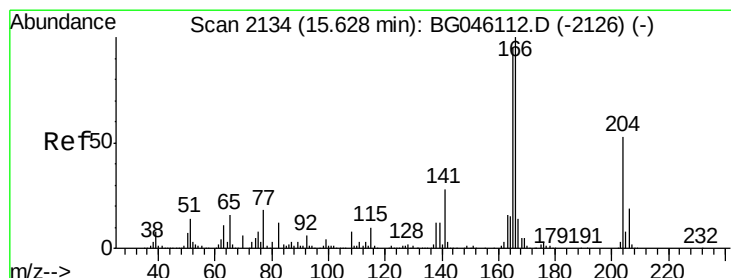
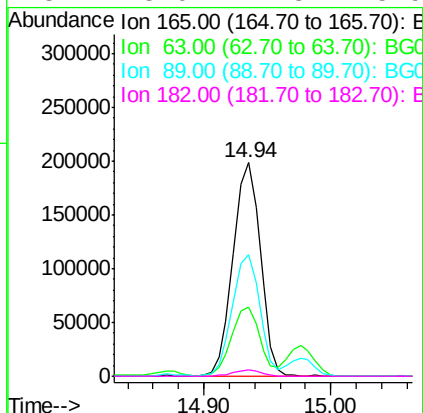
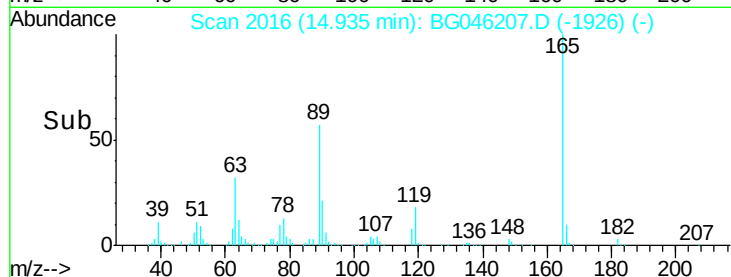
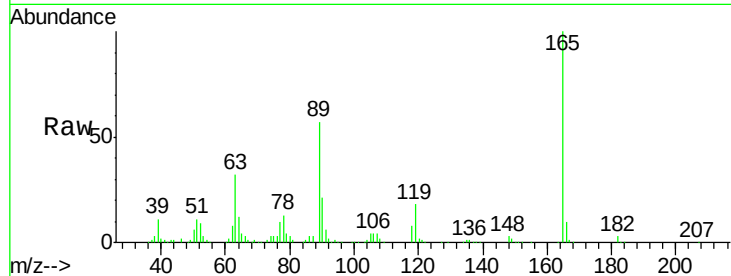
#57
2,4-Dinitrotoluene
Concen: 43.544 ng
RT: 14.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	297392		
63	32.4	30.1	45.1	
89	57.2	51.4	77.2	
182	3.0	2.3	3.5	

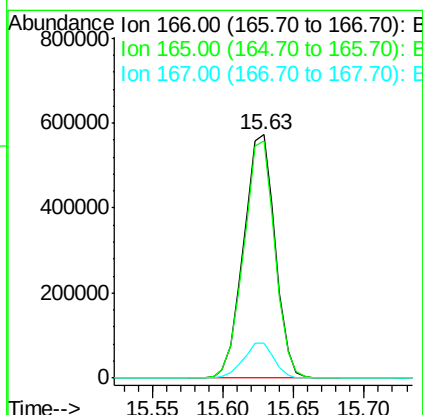
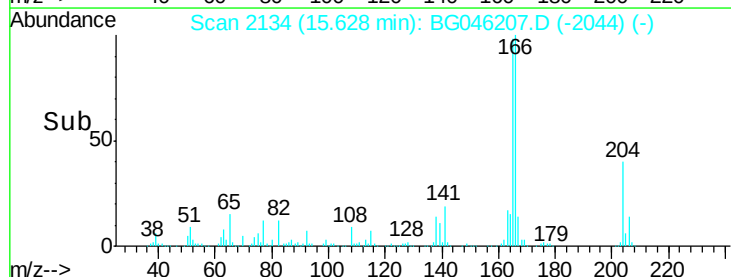
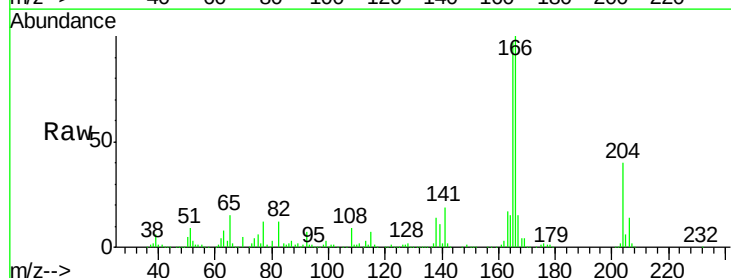
Manual Integrations
APPROVED

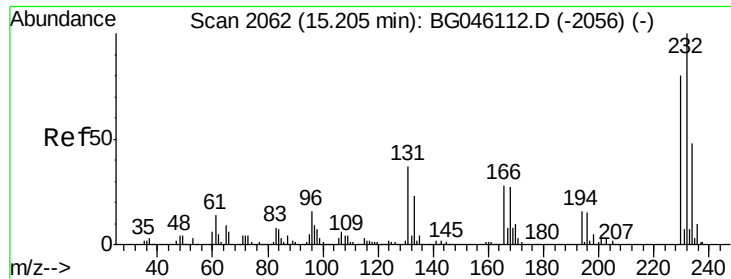
mohammad
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#58
Fluorene
Concen: 40.935 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	892068		
165	97.4	76.3	114.5	
167	14.6	11.0	16.6	





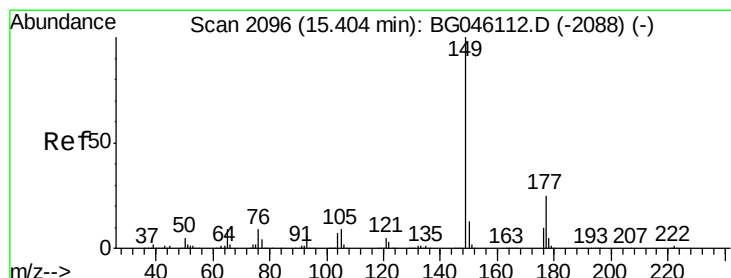
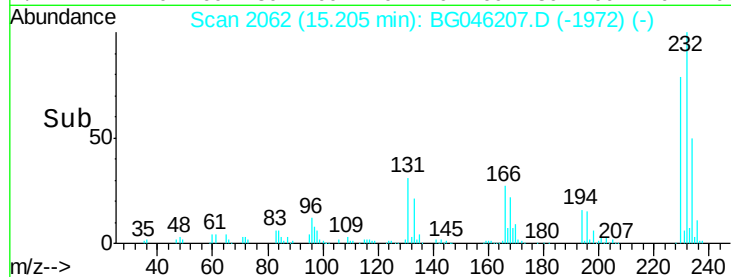
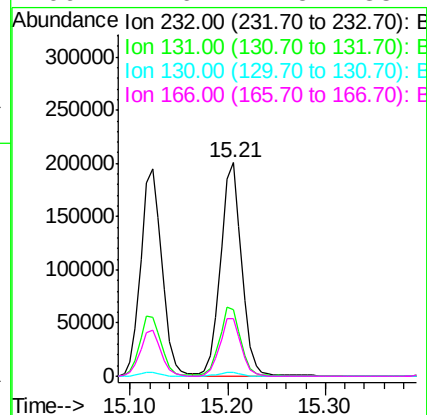
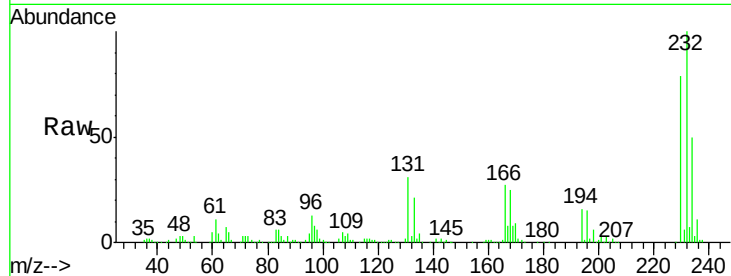
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.557 ng
 RT: 15.21 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	299297		
131	33.0	28.6	42.8	
130	1.8	1.6	2.4	
166	27.6	22.5	33.7	

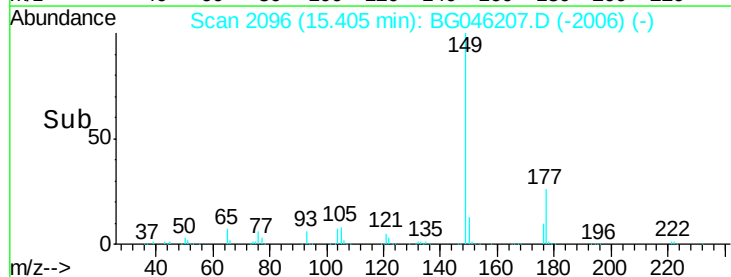
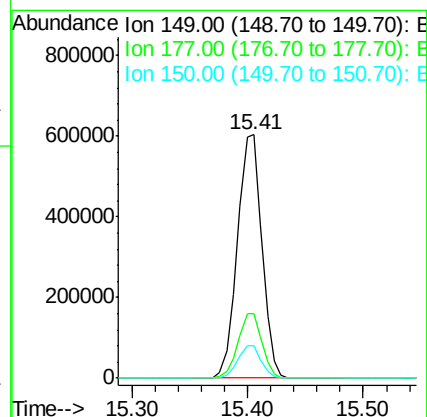
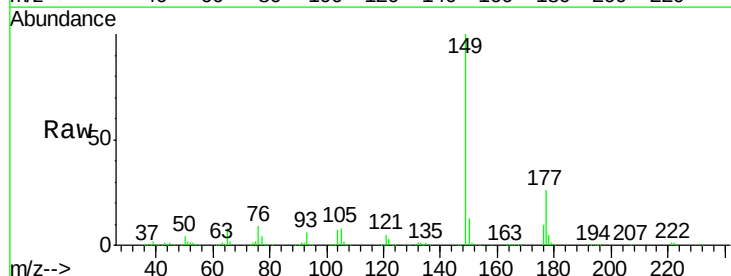
Manual Integrations
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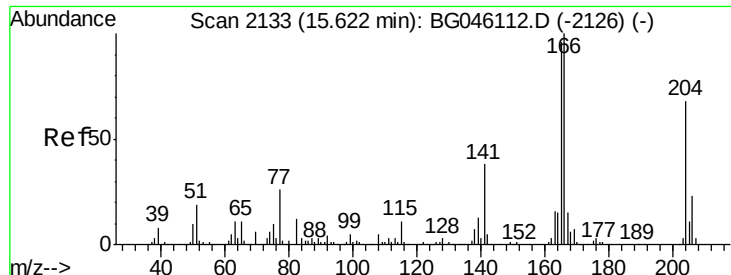
mohammad
 8/11/2020 2:51:42 PM



#60
 Diethylphthalate
 Concen: 42.099 ng
 RT: 15.41 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	883933		
177	26.4	19.7	29.5	
150	13.1	10.8	16.2	





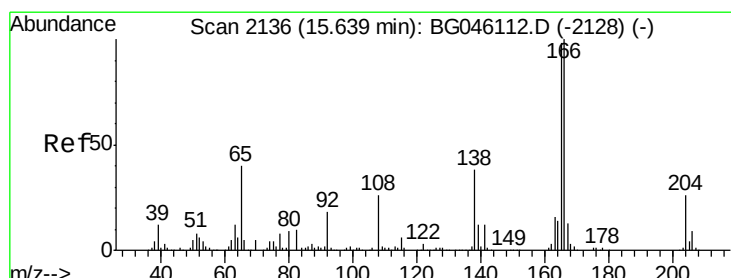
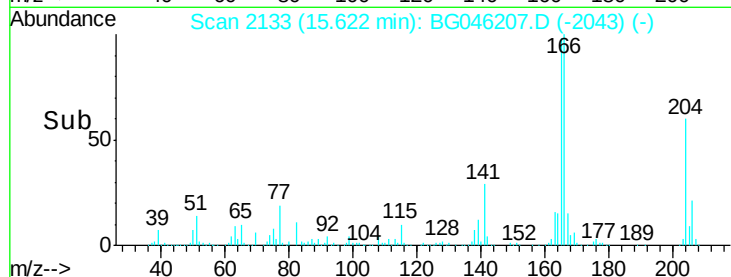
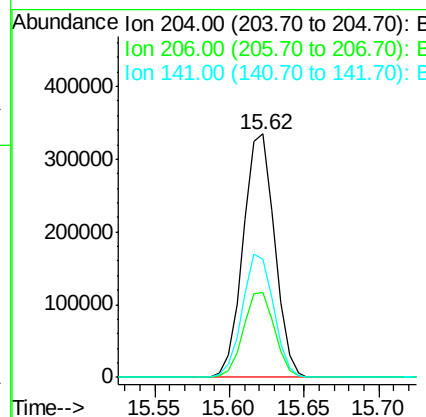
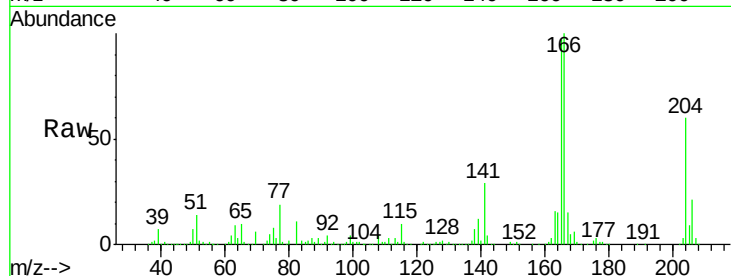
#61
4-Chlorophenyl-phenylether
Concen: 42.927 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	27.7	41.5
141	48.8	44.7	67.1

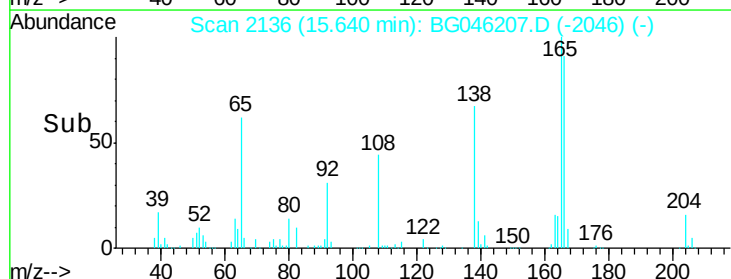
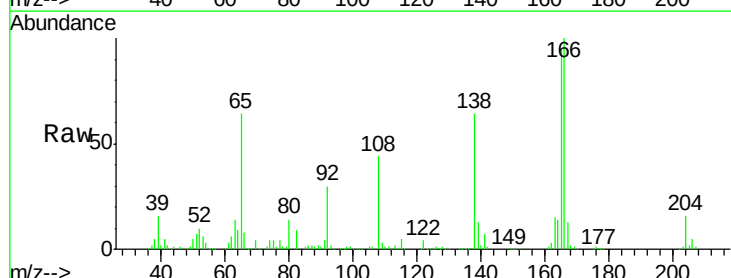
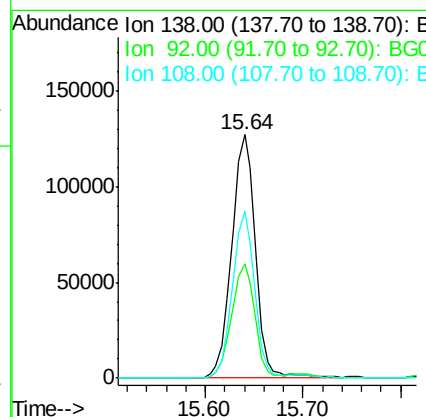
Manual Integrations
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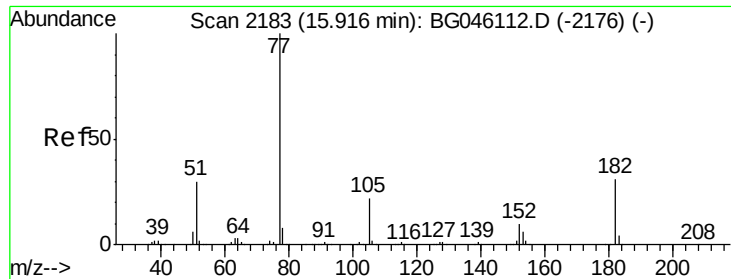
mohammad
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#62
4-Nitroaniline
Concen: 43.352 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	28.3	68.3
108	68.6	49.2	89.2





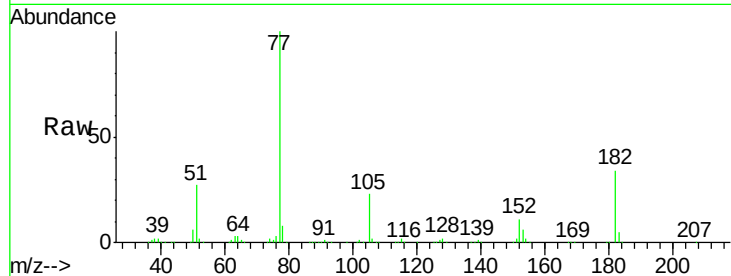
#63
Azobenzene
Concen: 38.583 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

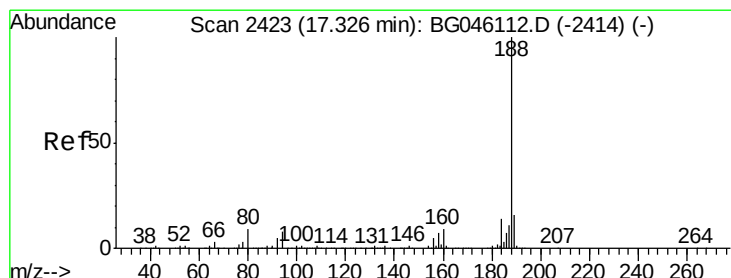
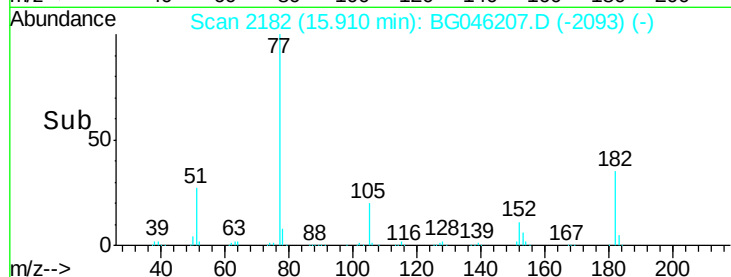
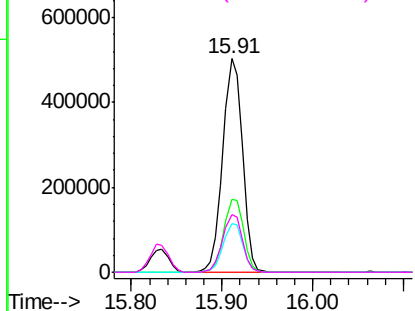
Tot Ion:	77	Resp:	759212
Ion Ratio	Lower	Upper	
77	100		
182	34.3	10.7	50.7
105	23.1	1.9	41.9
51	27.3	9.5	49.5

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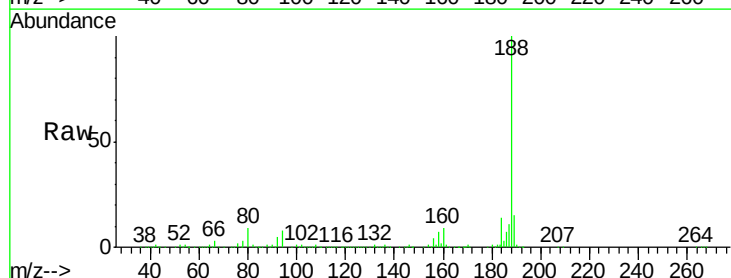


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

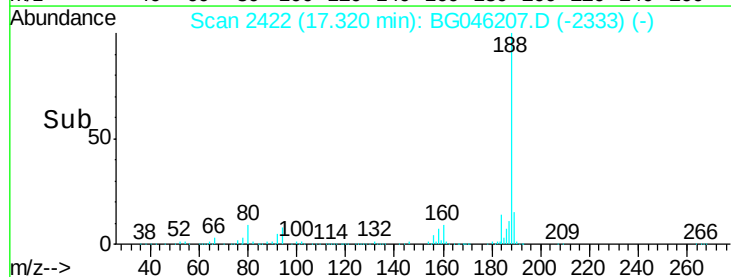
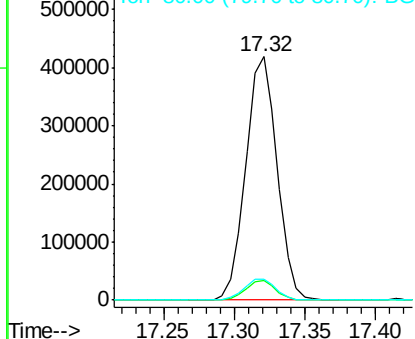


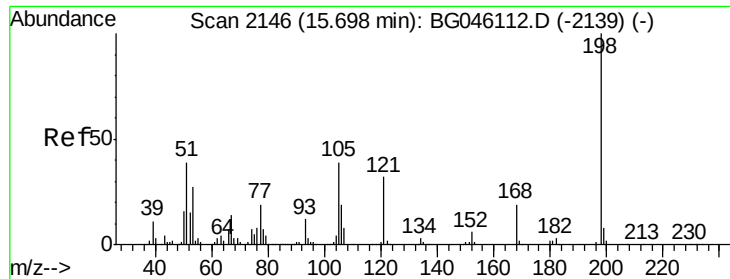
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:	188	Resp:	651288
Ion Ratio	Lower	Upper	
188	100		
94	8.0	6.4	9.6
80	8.8	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





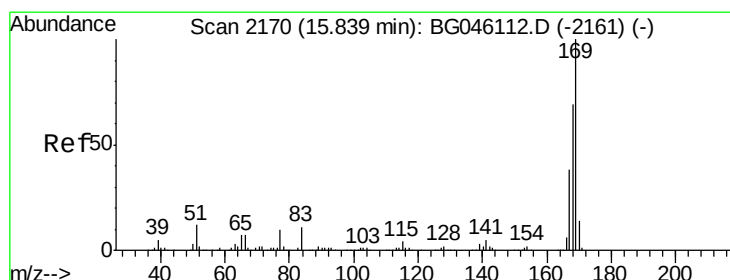
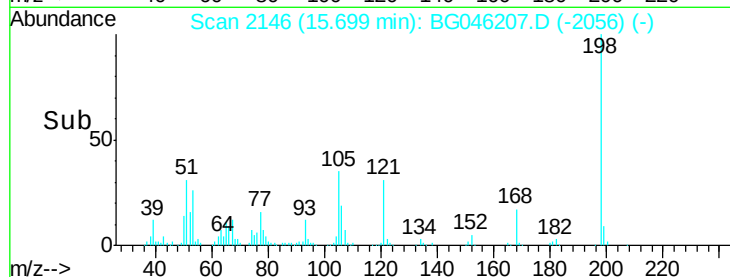
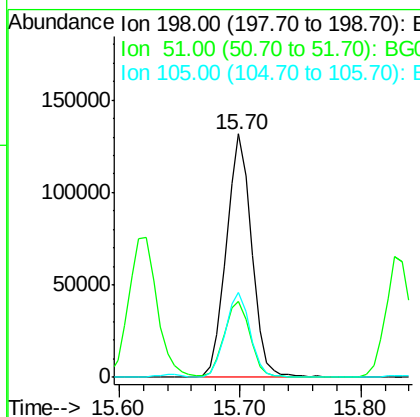
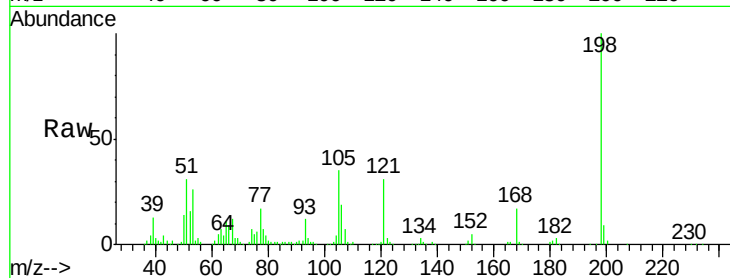
#65
4,6-Dinitro-2-methylphenol
Concen: 44.584 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	192038		
51	31.2	20.1	60.1	
105	35.1	19.2	59.2	

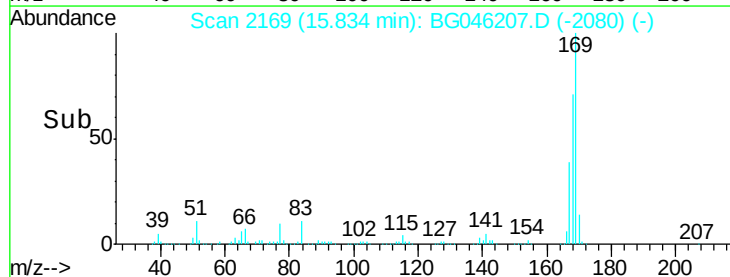
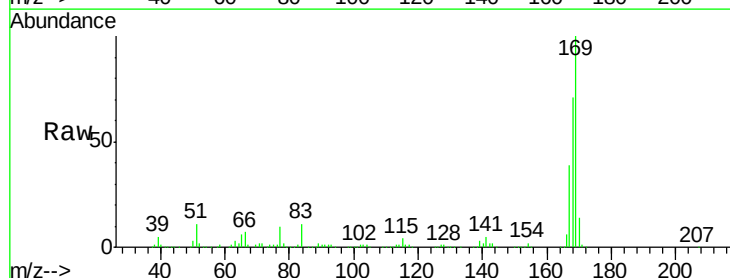
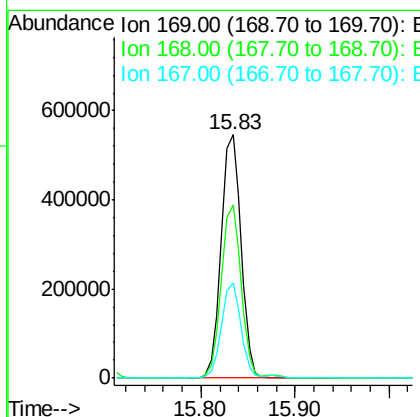
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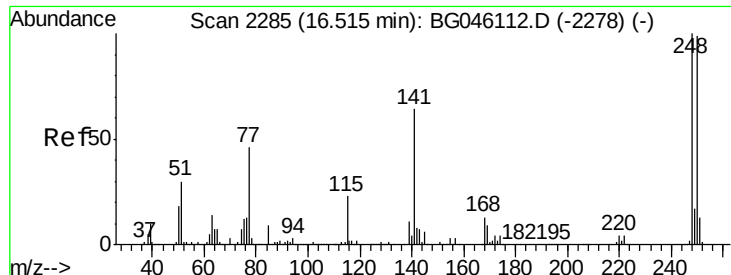
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.049 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	809260		
168	71.0	55.1	82.7	
167	39.1	30.5	45.7	





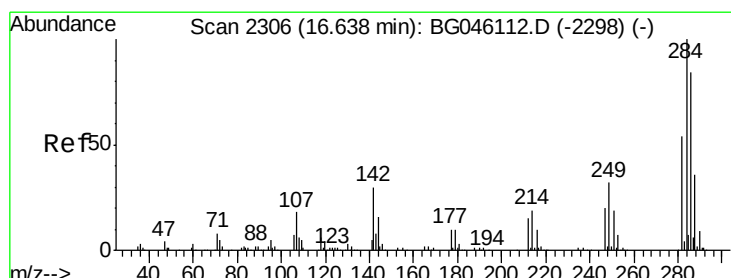
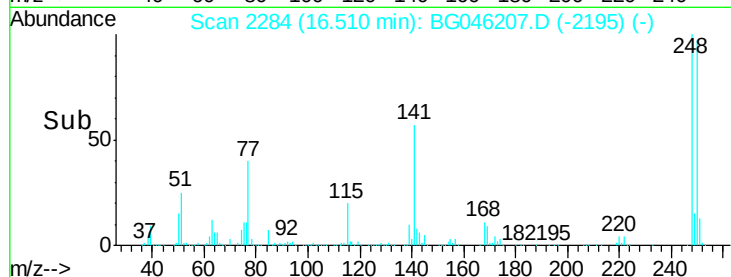
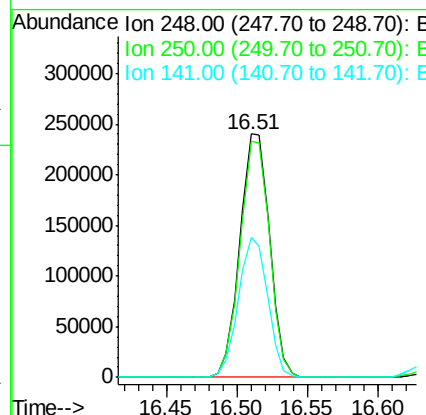
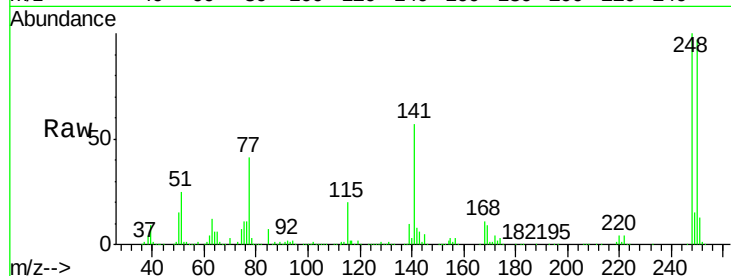
#67
4-Bromophenyl-phenylether
Concen: 43.972 ng
RT: 16.51 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.4	119.0
141	57.5	50.9	76.3

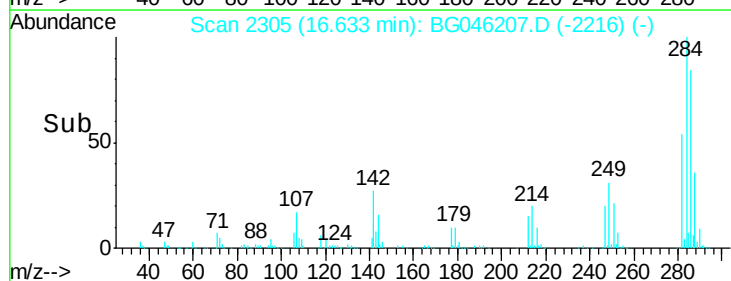
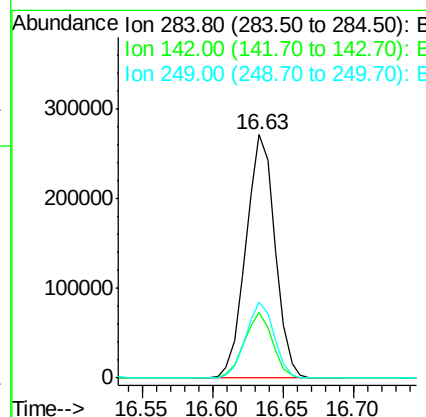
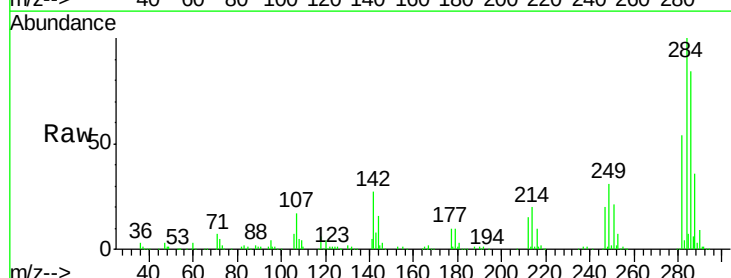
Manual Integrations
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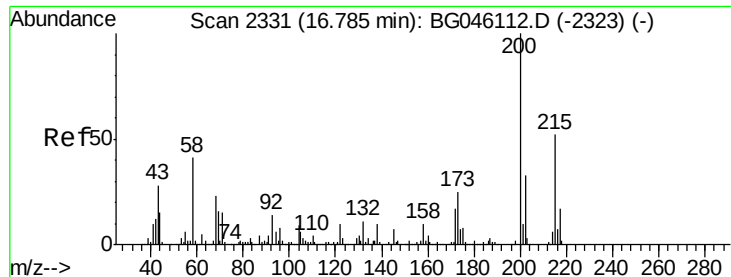
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#68
Hexachlorobenzene
Concen: 43.289 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	23.6	35.4
249	31.1	25.3	37.9





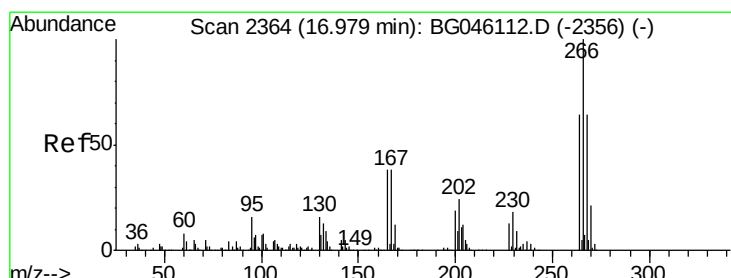
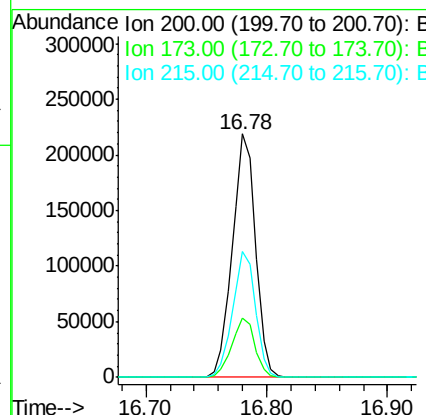
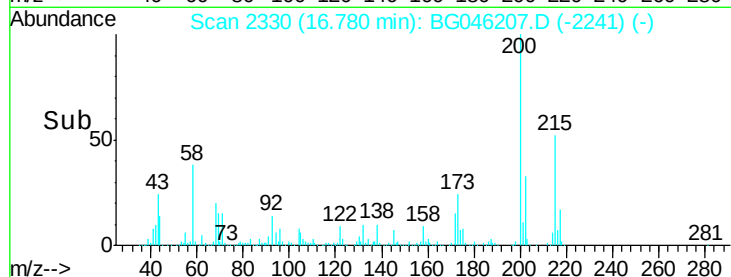
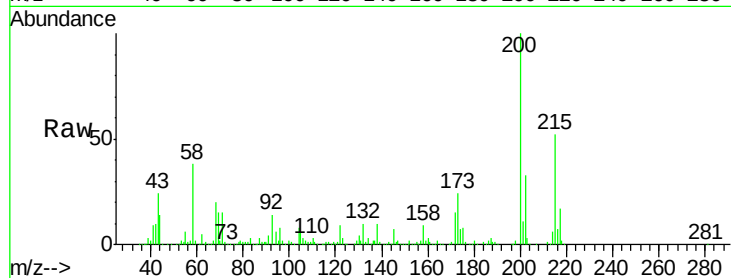
#69
 Atrazine
 Concen: 38.564 ng
 RT: 16.78 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	292758		
173	24.3	5.3	45.3	
215	51.5	31.5	71.5	

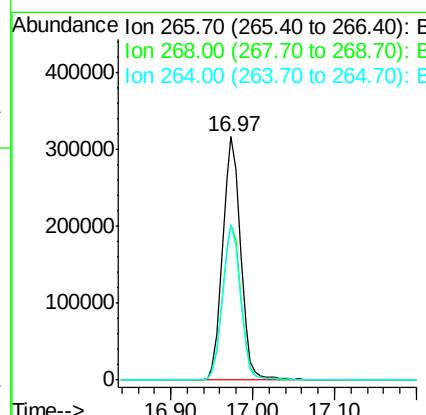
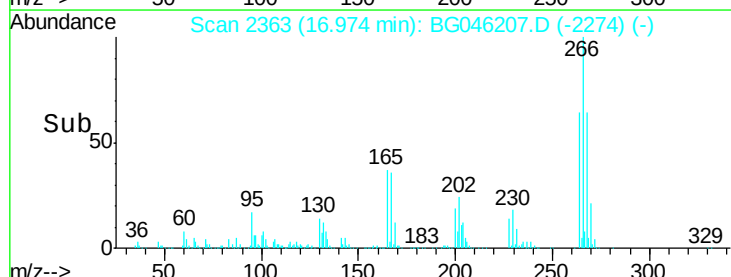
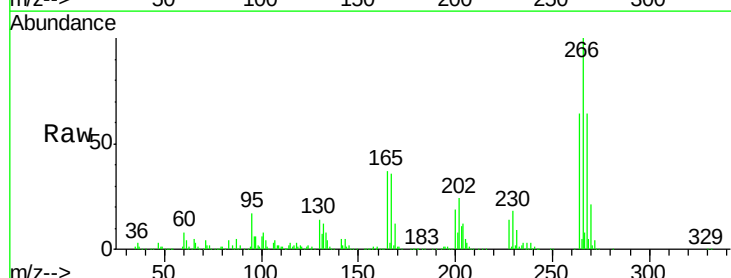
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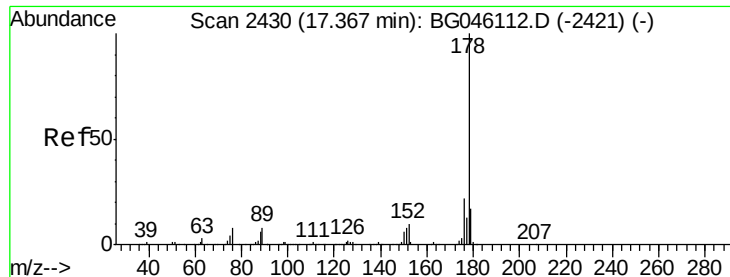
mohammad
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#70
 Pentachlorophenol
 Concen: 83.479 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	488690		
268	63.9	51.2	76.8	
264	63.5	51.1	76.7	





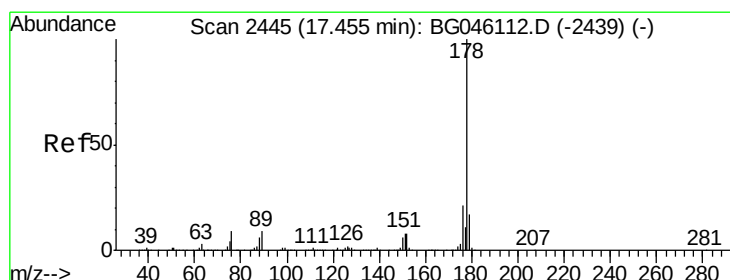
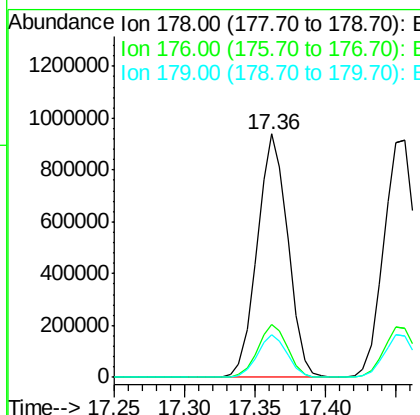
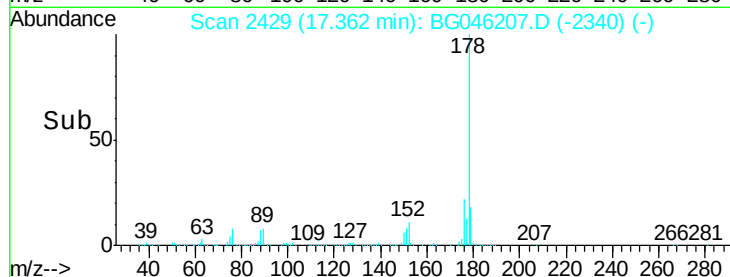
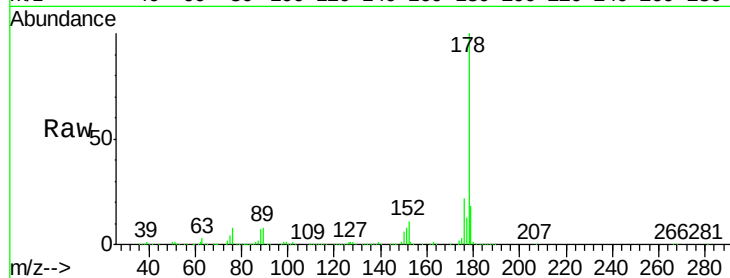
#71
Phenanthrene
Concen: 40.152 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion:178 Resp: 1432473
Ion Ratio Lower Upper
178 100
176 21.9 17.3 25.9
179 17.7 13.8 20.6

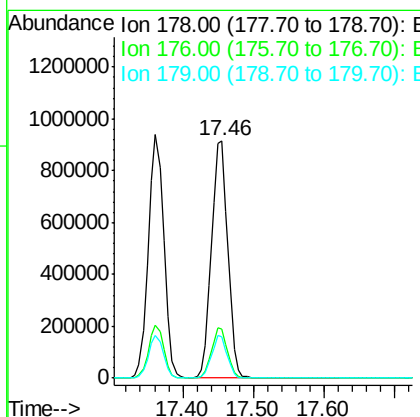
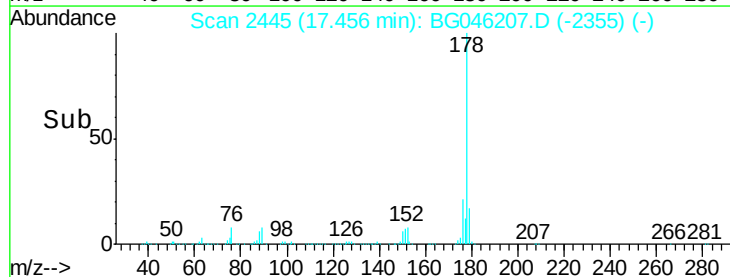
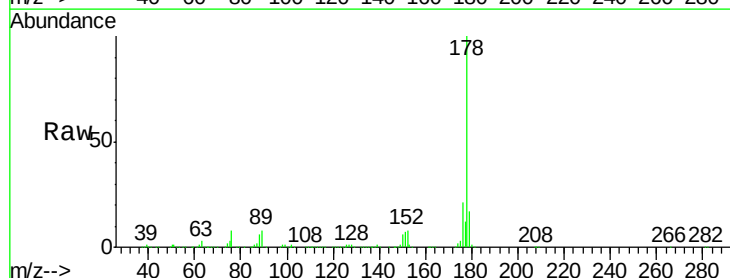
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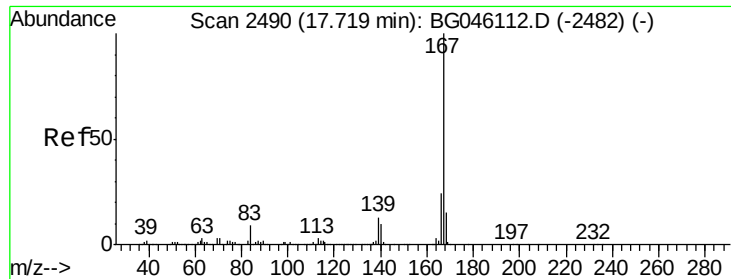
mohammad
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#72
Anthracene
Concen: 41.413 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion:178 Resp: 1469596
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 17.5 13.4 20.2





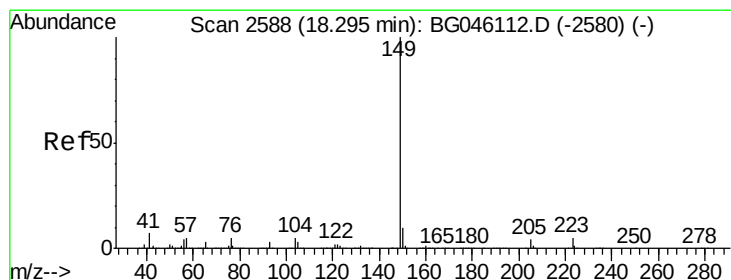
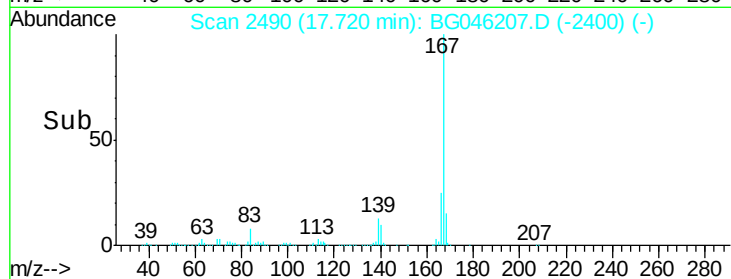
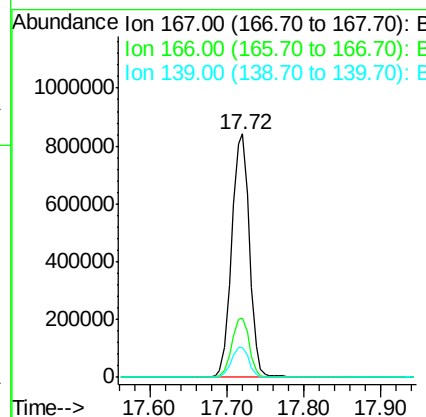
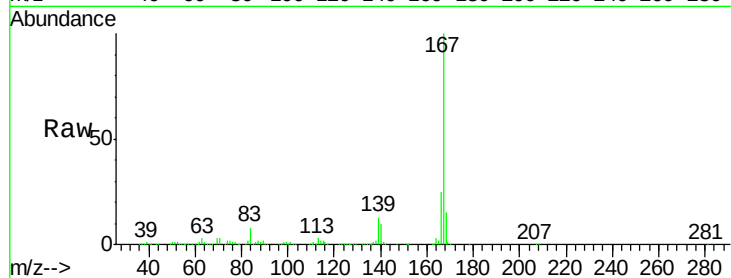
#73
 Carbazole
 Concen: 39.560 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.4	29.0
139	12.5	10.1	15.1

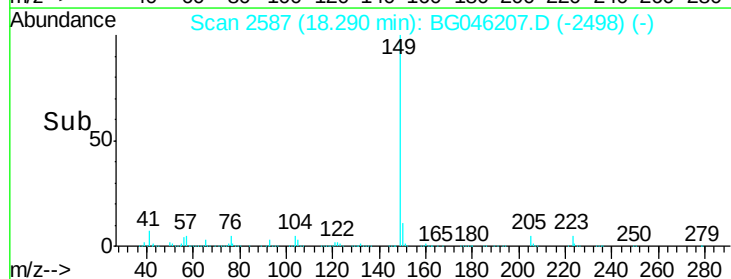
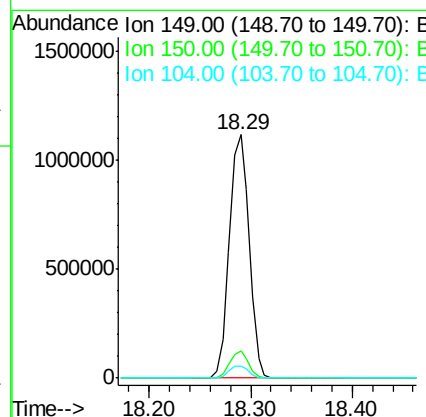
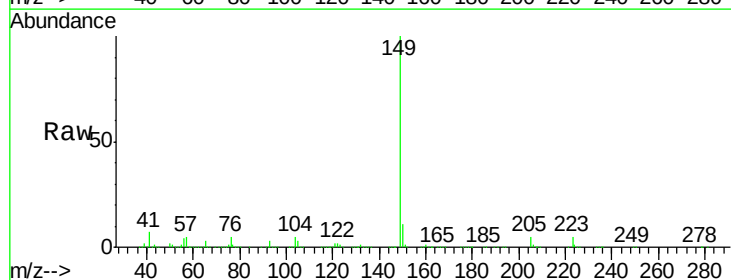
Manual Integrations
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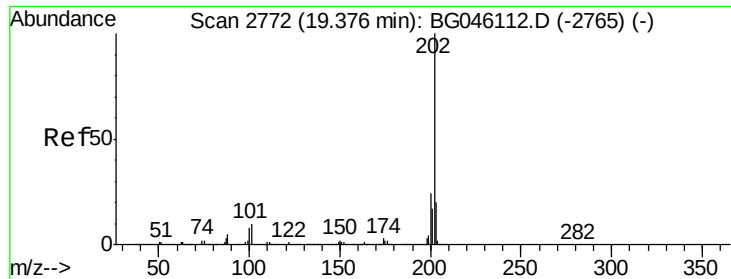
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.291 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.3	8.4	12.6
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 40.795 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

Tot Ion:202 Resp: 1817008

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.0

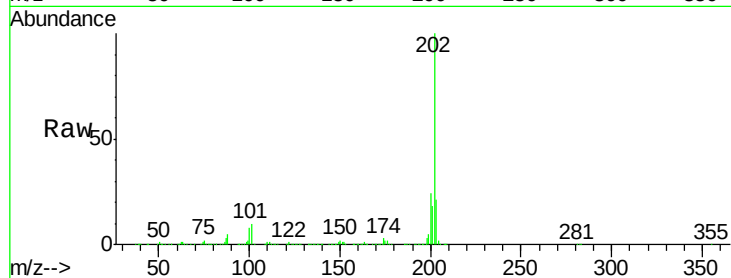
203 20.8 0.2 40.2

Manual Integrations

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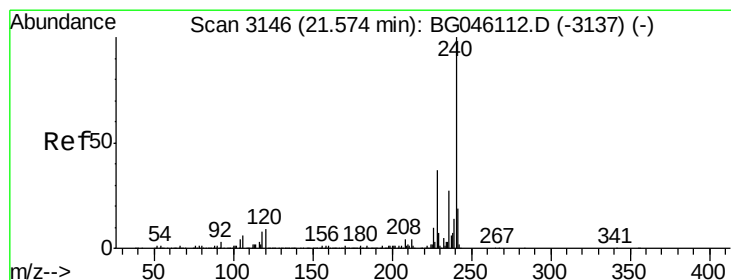
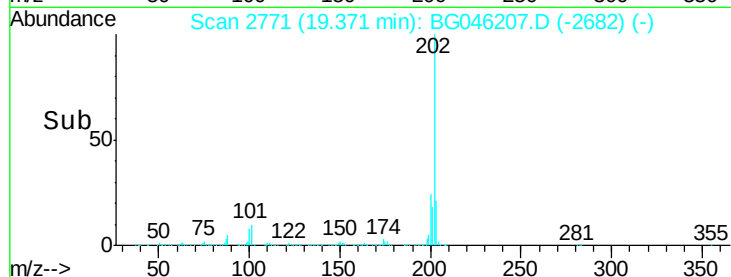
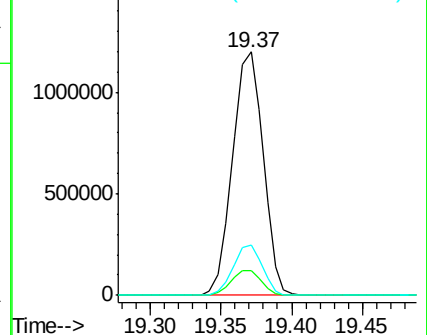
8/11/2020 2:51:42 PM



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: BG046207.D

Acq: 10 Aug 2020 15:15

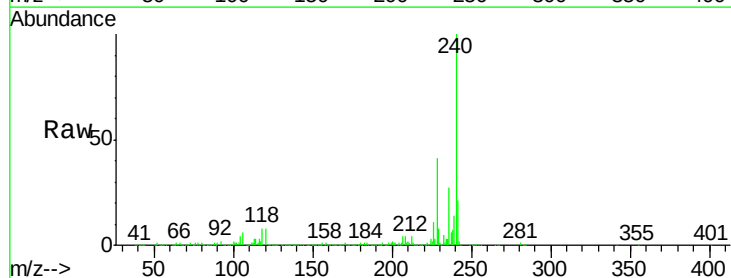
Tgt Ion:240 Resp: 674646

Ion Ratio Lower Upper

240 100

120 7.8 7.1 10.7

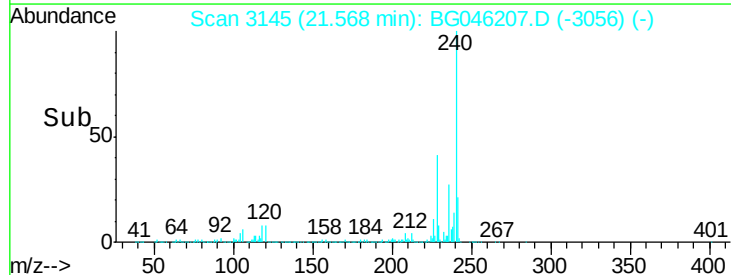
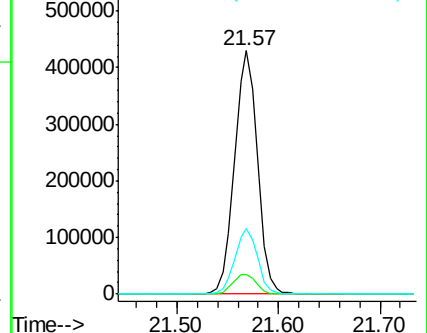
236 26.8 21.7 32.5

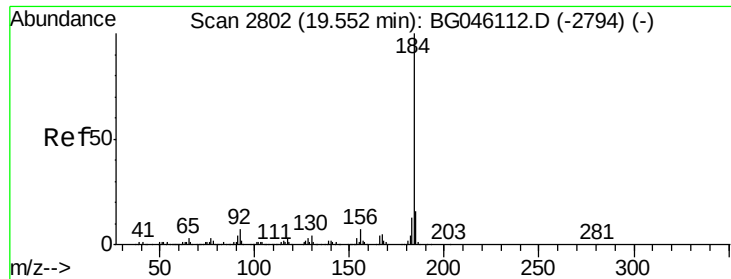


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.756 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

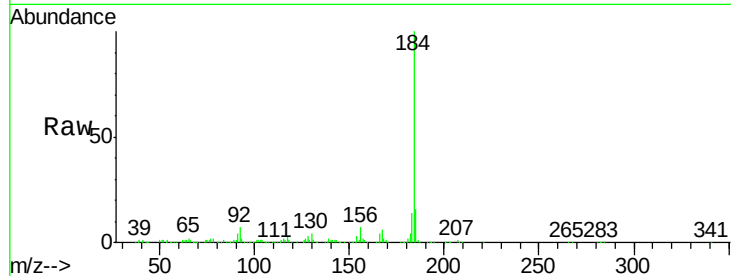
ClientSampleId :

PB130837BS

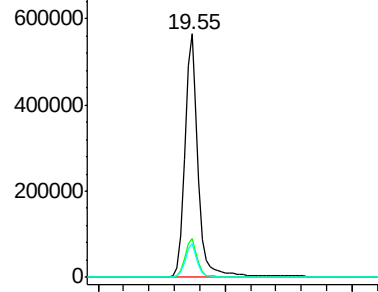
Tot Ion:	184	Resp:	855278
Ion Ratio	Lower	Upper	
184	100		
185	16.0	13.0	19.4
183	13.8	10.5	15.7

Manual Integrations
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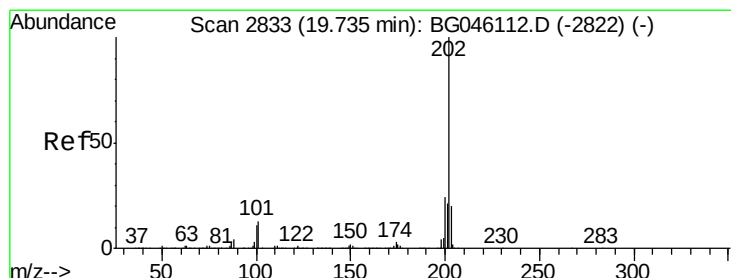
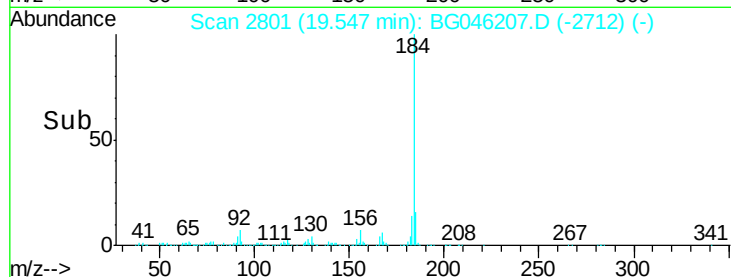
mohammad
8/11/2020 2:51:42 PM



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



Time--> 19.40 19.60 19.80



#78

Pyrene

Concen: 39.551 ng

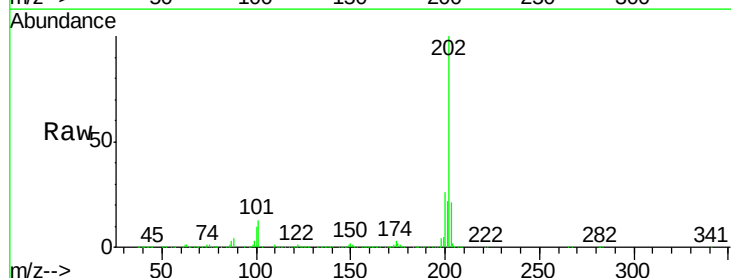
RT: 19.73 min Scan# 2832

Delta R.T. -0.01 min

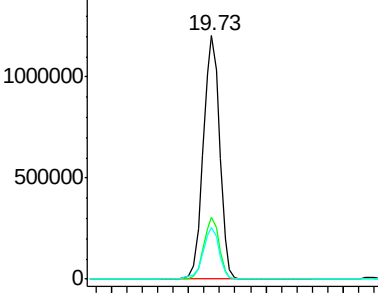
Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

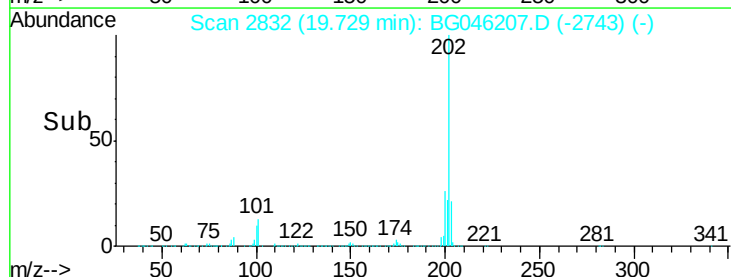
Tgt Ion:	202	Resp:	1792853
Ion Ratio	Lower	Upper	
202	100		
200	25.6	19.5	29.3
203	21.4	16.2	24.2

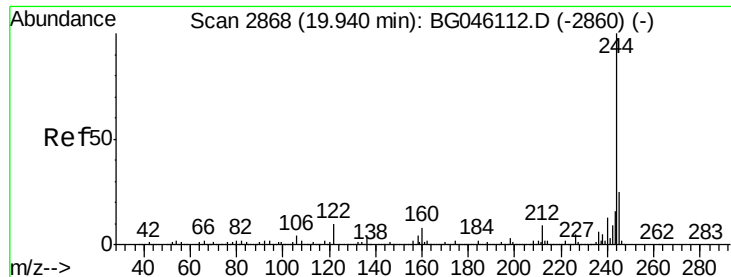


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.60 19.70 19.80 19.90





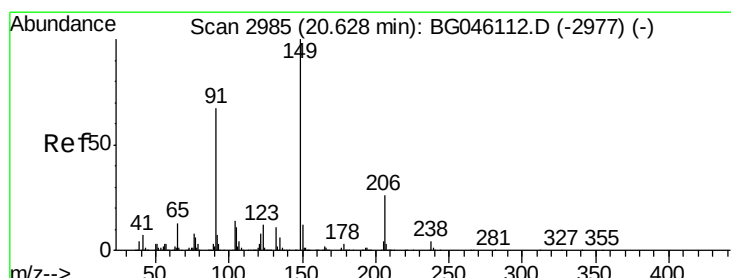
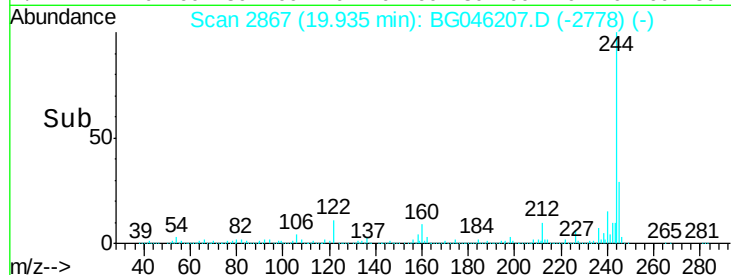
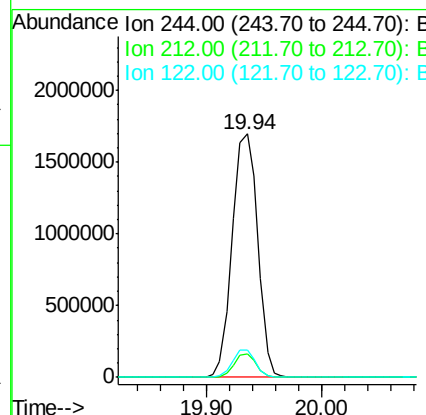
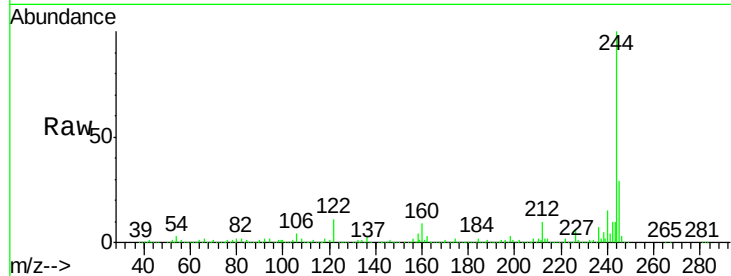
#79
 Terphenyl-d14
 Concen: 78.191 ng
 RT: 19.94 min Scan# 2867
 Delta R.T. -0.00 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.2	10.8
122	11.3	8.3	12.5

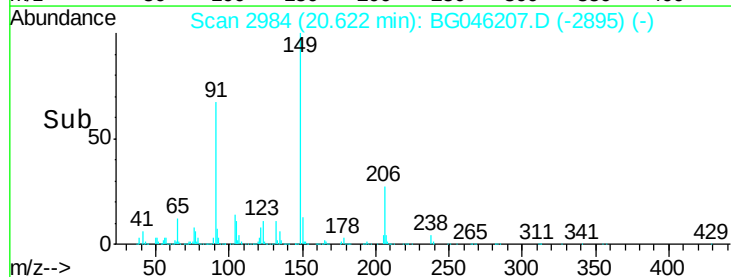
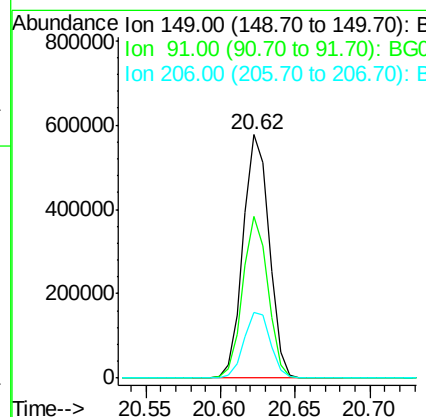
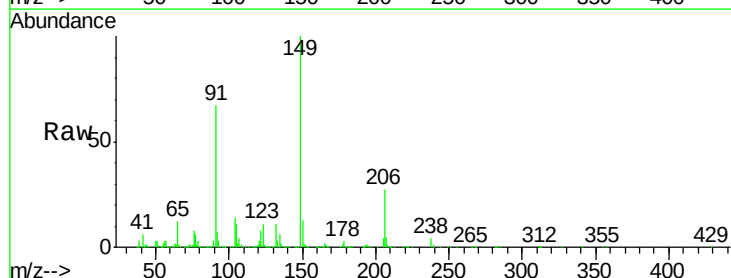
Manual Integrations
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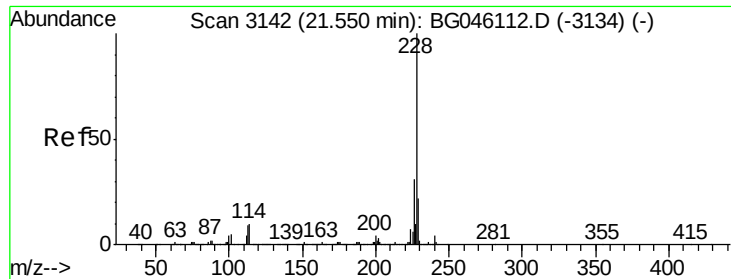
mohammad
 8/11/2020 2:51:42 PM



#80
 Butylbenzylphthalate
 Concen: 42.745 ng
 RT: 20.62 min Scan# 2984
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.6	53.8	80.8
206	27.0	20.4	30.6





#81

Benzo(a)anthracene

Concen: 39.271 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

Tot Ion:228 Resp: 1773013

Ion Ratio Lower Upper

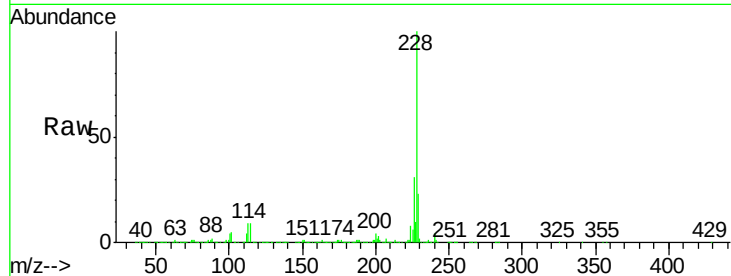
228 100

226 30.8 24.7 37.1

229 23.1 17.8 26.8

Manual Integrations
APPROVED

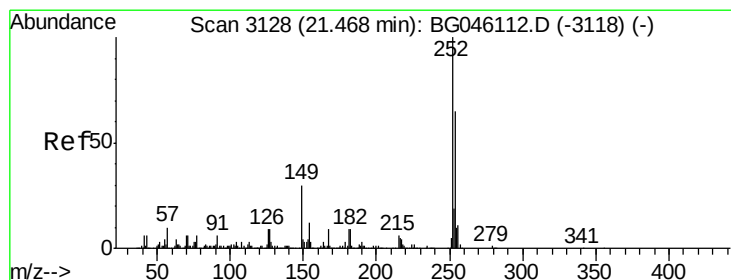
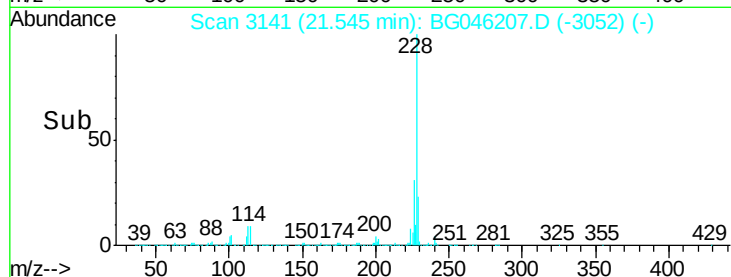
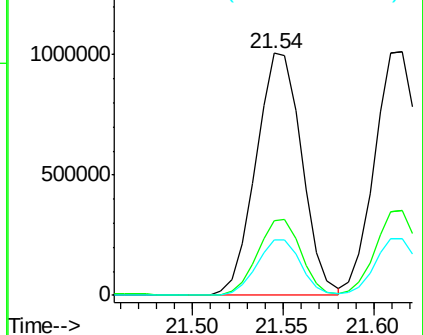
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.229 ng

RT: 21.47 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

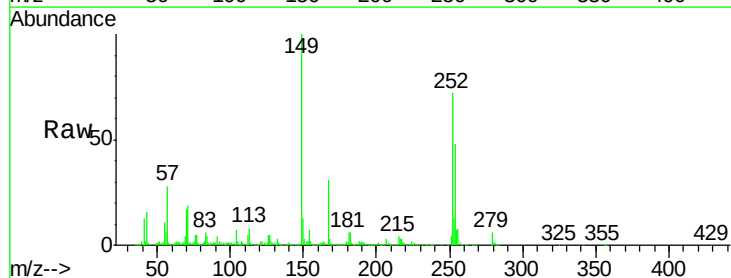
Tgt Ion:252 Resp: 660473

Ion Ratio Lower Upper

252 100

254 66.5 51.8 77.8

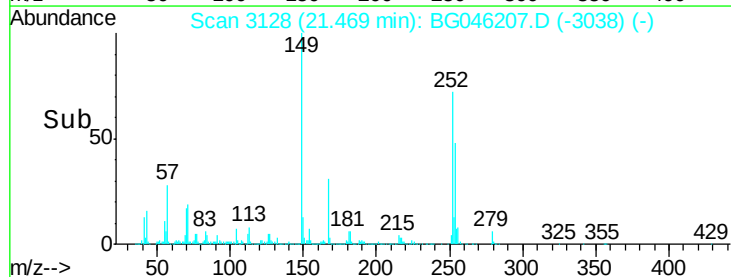
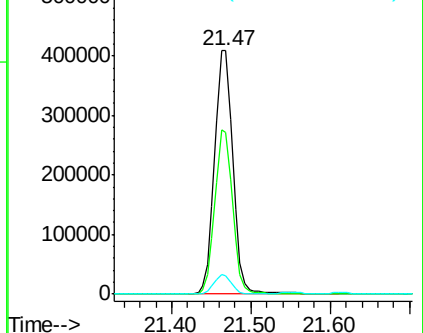
126 7.6 7.1 10.7

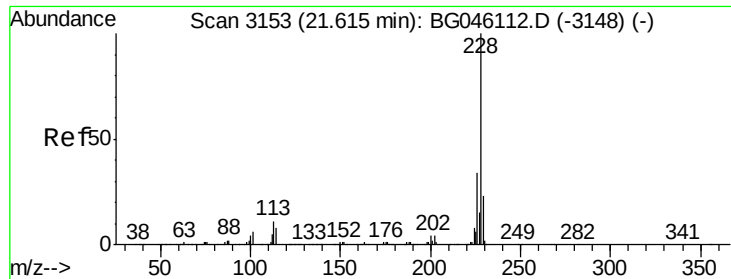


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.980 ng

RT: 21.62 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

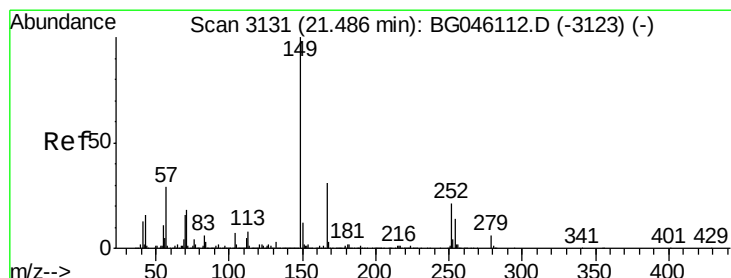
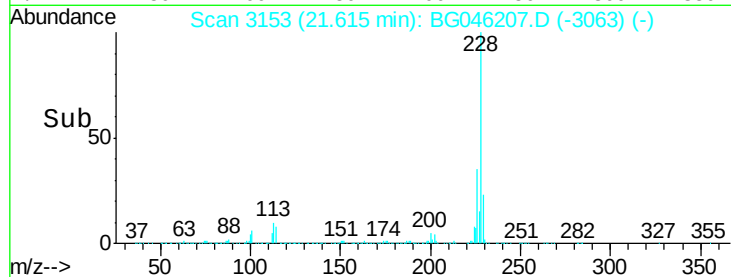
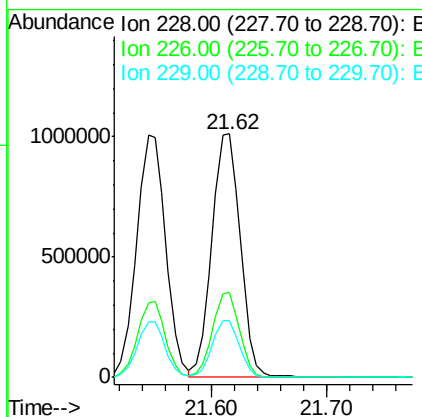
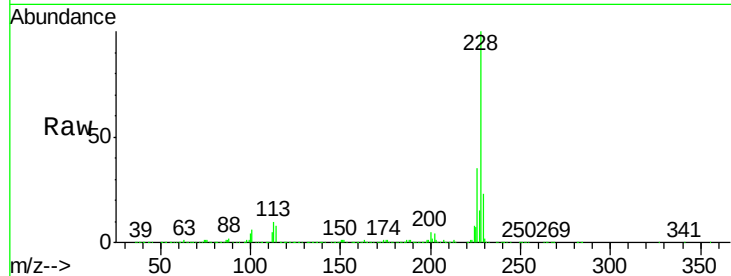
ClientSampleId :

PB130837BS

Tot Ion:	228	Resp:	1723961
Ion	Ratio	Lower	Upper
228	100		
226	35.1	26.9	40.3
229	23.1	18.2	27.4

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.404 ng

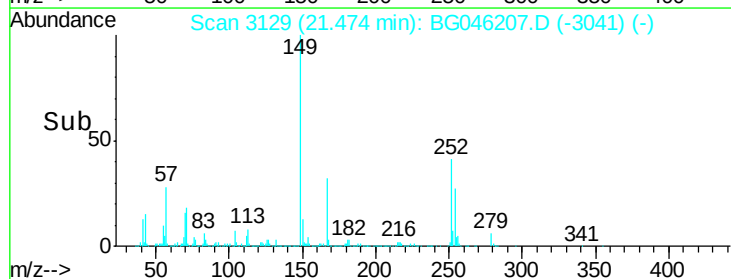
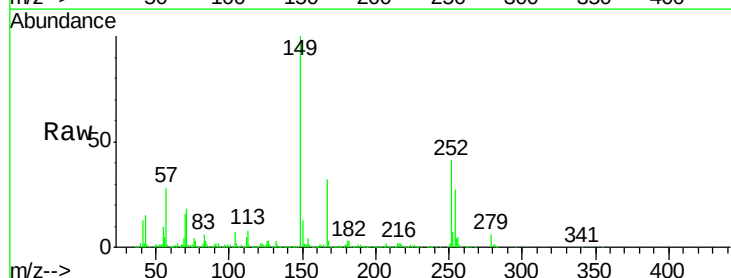
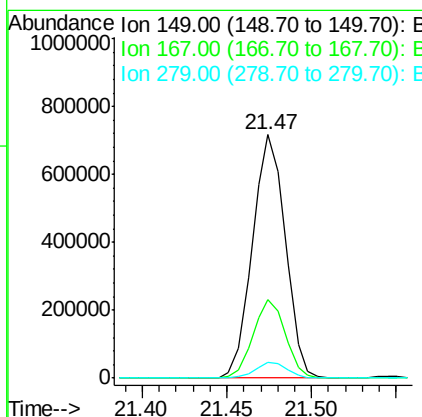
RT: 21.47 min Scan# 3129

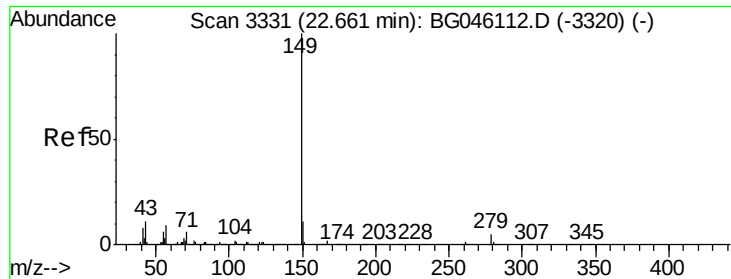
Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:	149	Resp:	971996
Ion	Ratio	Lower	Upper
149	100		
167	32.5	24.8	37.2
279	6.2	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 42.027 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB130837BS

Tot Ion:149 Resp: 1670515

Ion Ratio Lower Upper

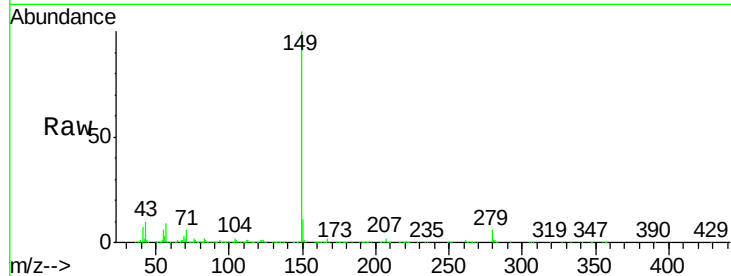
149 100

167 1.9 1.4 2.2

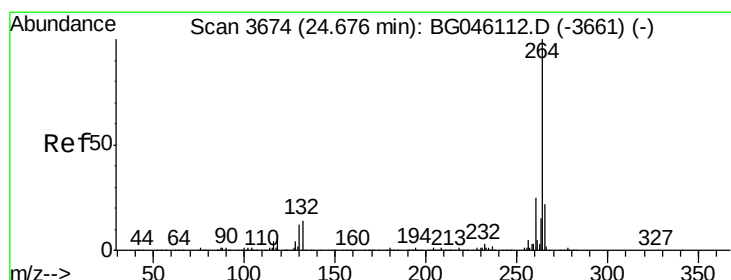
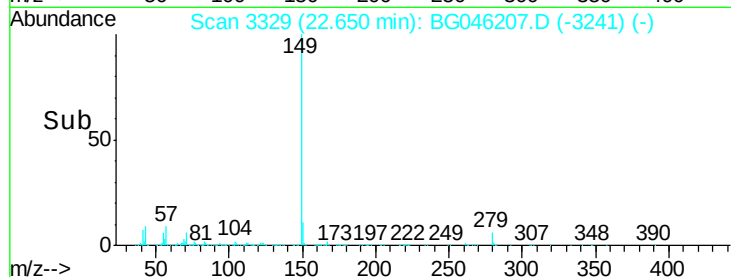
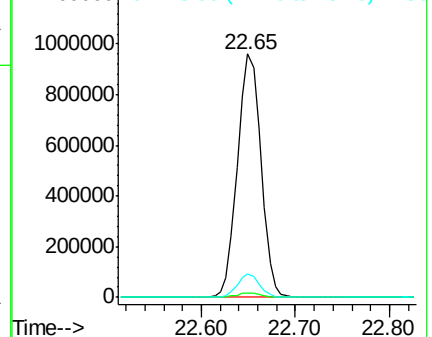
43 9.1 7.8 11.8

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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): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

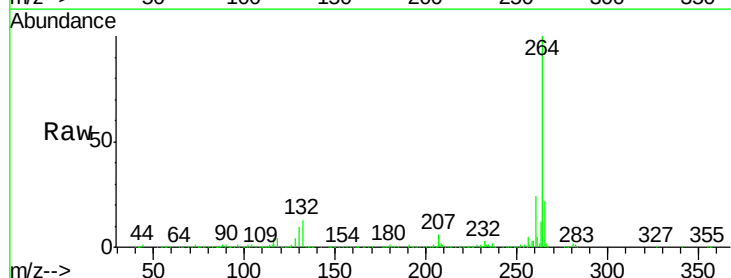
Tgt Ion:264 Resp: 716050

Ion Ratio Lower Upper

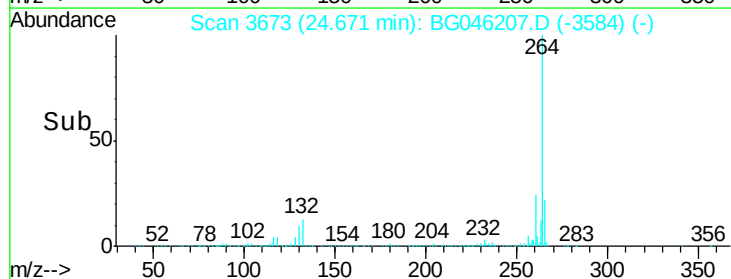
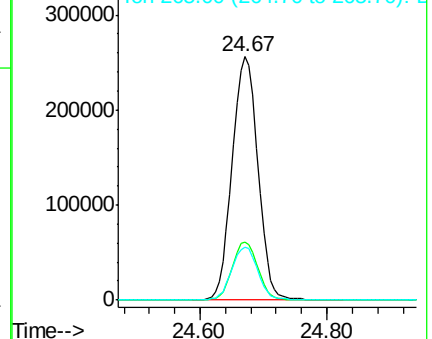
264 100

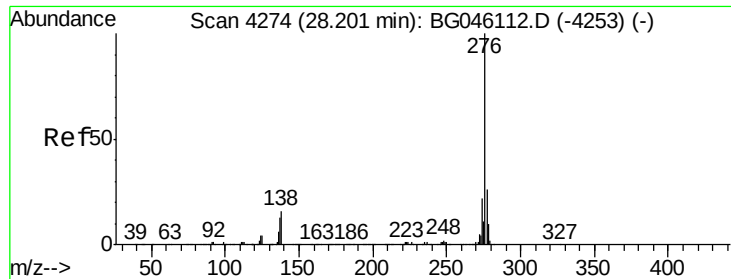
260 23.8 19.7 29.5

265 21.8 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





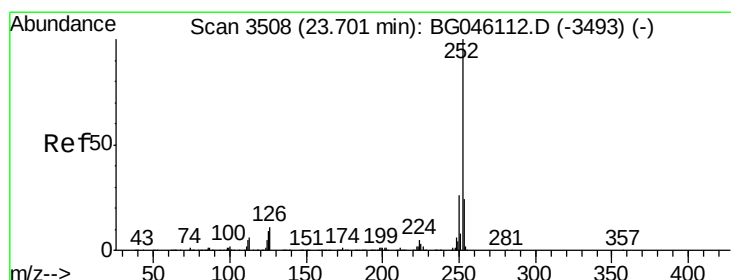
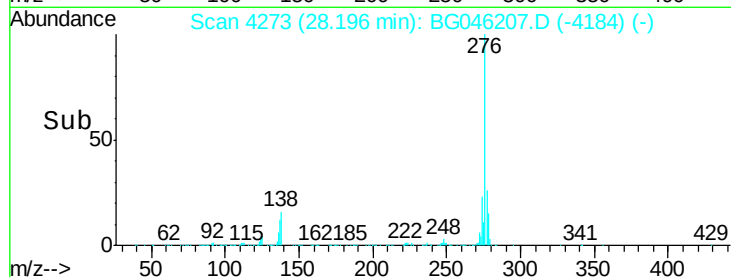
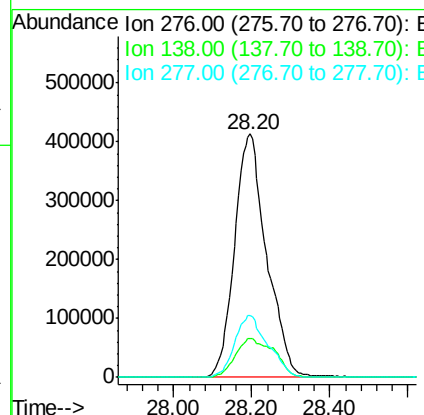
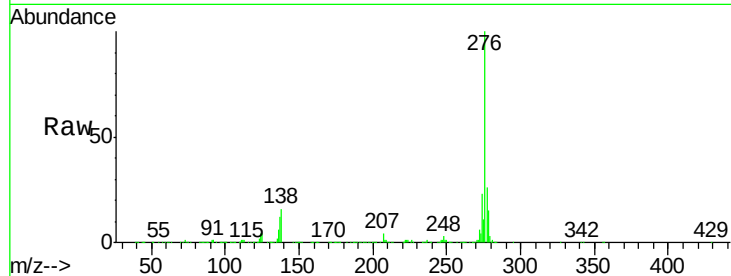
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.362 ng
 RT: 28.20 min Scan# 4273
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB130837BS

Tot Ion:276 Resp: 2367999
 Ion Ratio Lower Upper
 276 100
 138 19.3 11.6 17.4#
 277 26.3 20.8 31.2

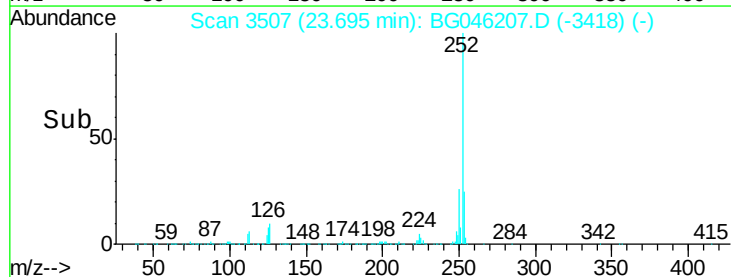
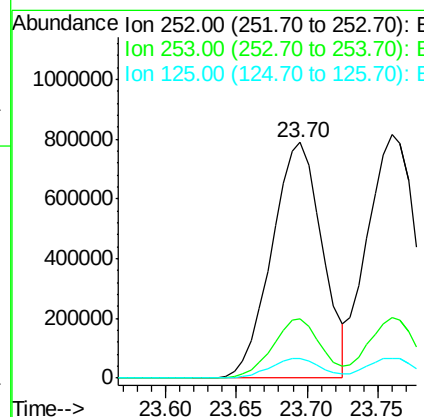
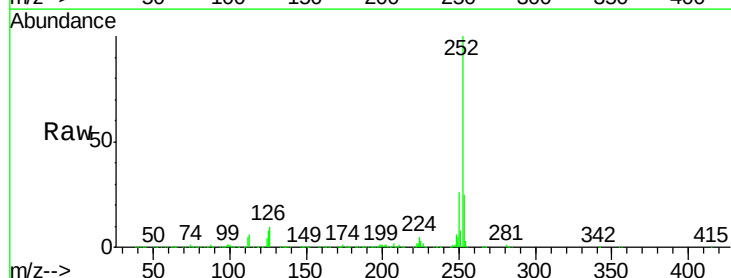
Manual Integrations
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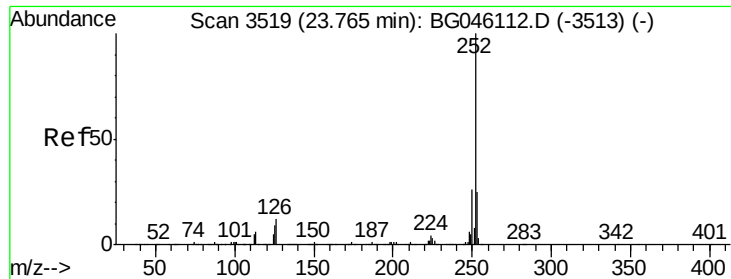
mohammad
 8/11/2020 2:51:42 PM



#88
 Benzo(b)fluoranthene
 Concen: 41.096 ng
 RT: 23.70 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046207.D
 Acq: 10 Aug 2020 15:15

Tgt Ion:252 Resp: 1971944
 Ion Ratio Lower Upper
 252 100
 253 24.9 19.2 28.8
 125 8.2 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 41.721 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Instrument :

BNA_G

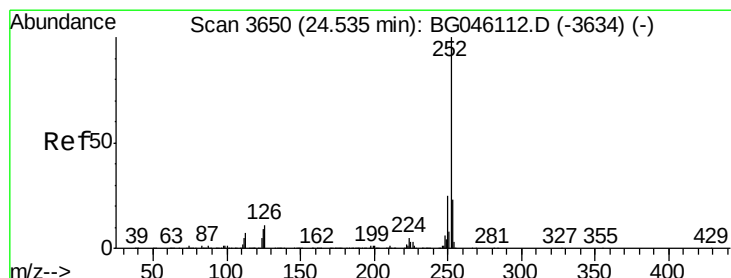
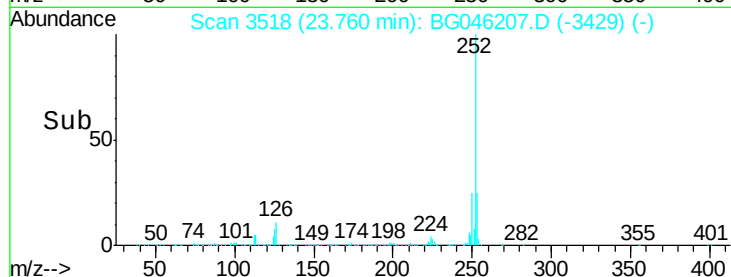
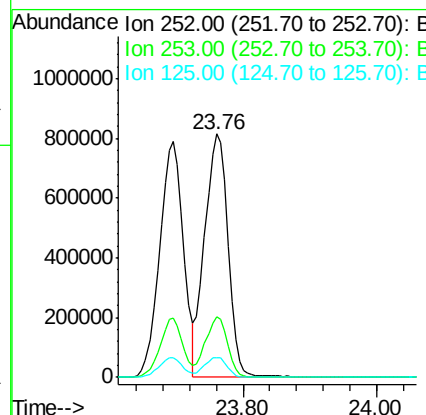
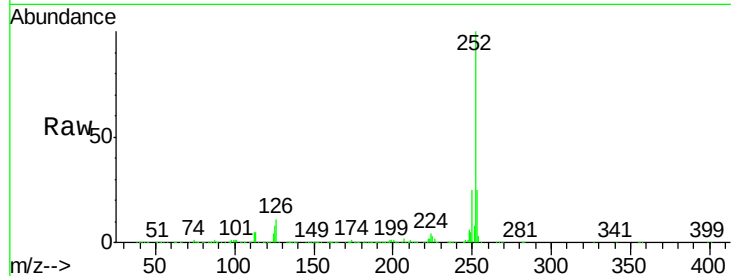
ClientSampleId :

PB130837BS

Tot Ion:	252	Resp:	1963600
Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.5	29.3
125	8.3	7.3	10.9

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 41.224 ng

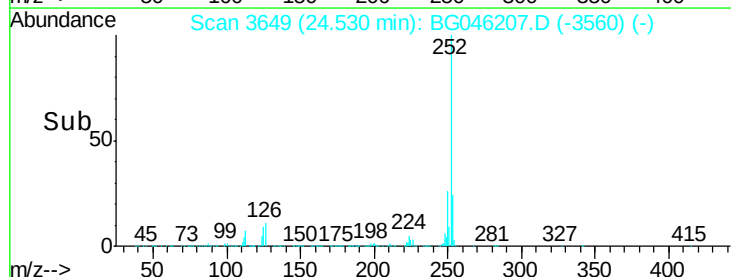
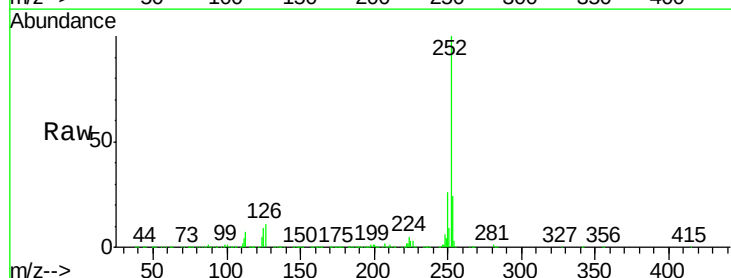
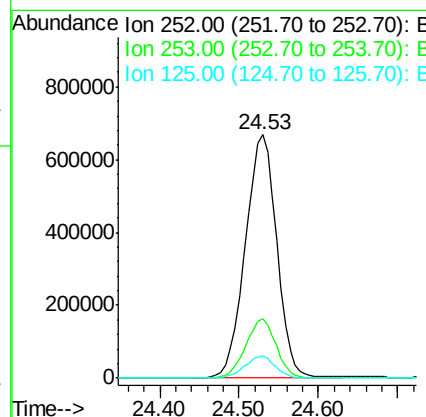
RT: 24.53 min Scan# 3649

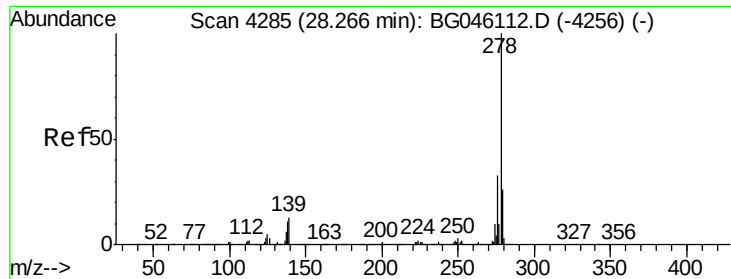
Delta R.T. -0.01 min

Lab File: BG046207.D

Acq: 10 Aug 2020 15:15

Tgt Ion:	252	Resp:	1840677
Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.6	27.8
125	9.0	7.1	10.7





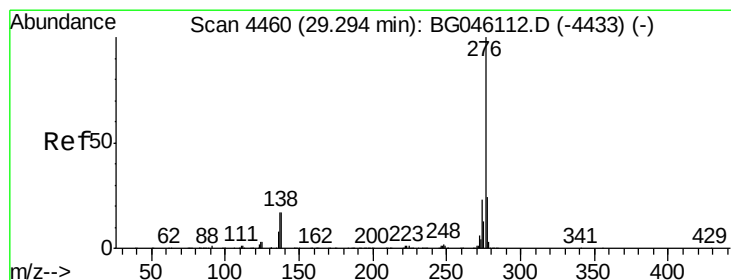
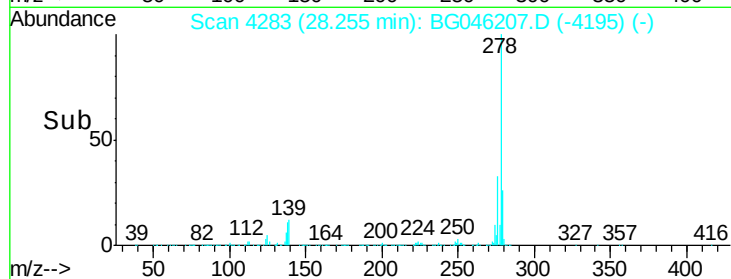
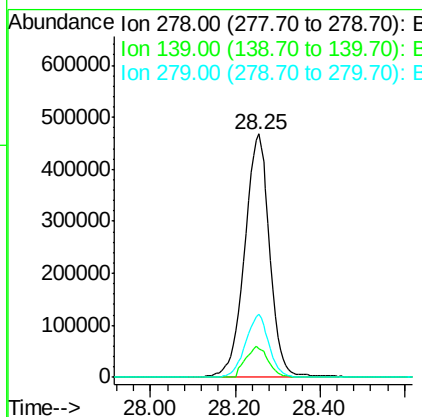
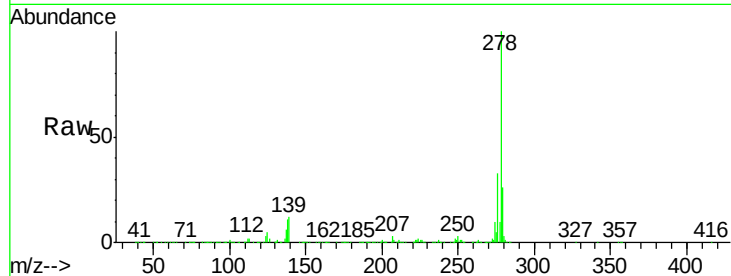
#91
Dibenzo(a,h)anthracene
Concen: 42.443 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB130837BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.8	10.8	16.2
279	25.7	20.5	30.7

Manual Integrations
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mohammad
8/11/2020 2:51:42 PM



#92
Benzo(g,h,i)perylene
Concen: 42.290 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.01 min
Lab File: BG046207.D
Acq: 10 Aug 2020 15:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.5	29.3
138	16.8	13.8	20.6

