

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
 Data File : BG046219.D
 Acq On : 11 Aug 2020 16:05
 Operator : CG/JU
 Sample : L3624-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Manual Integrations
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Quant Time: Aug 11 16:56:45 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	78839	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	316217	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	232640	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	601206	20.00	ng	0.00
76) Chrysene-d12	21.57	240	608679	20.00	ng	0.00
86) Perylene-d12	24.67	264	666091	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	366990	80.92	ng	0.00
7) Phenol-d6	7.12	99	488862	79.09	ng	0.00
23) Nitrobenzene-d5	9.10	82	318118	54.47	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	319347	89.37	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	832678	51.99	ng	0.00
79) Terphenyl-d14	19.93	244	1509017	50.49	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	73158	35.440	ng	98
3) Pyridine	3.83	79	168226	29.603	ng	93
4) n-Nitrosodimethylamine	3.74	42	93672	38.731	ng	98
6) Aniline	7.27	93	227769	30.957	ng	98
8) 2-Chlorophenol	7.51	128	226765	45.238	ng	98
9) Benzaldehyde	7.09	77	145213	39.592	ng	98
10) Phenol	7.14	94	286542	46.140	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	212305	42.979	ng	99
12) 1,3-Dichlorobenzene	7.84	146	255218	42.005	ng	98
13) 1,4-Dichlorobenzene	7.99	146	254829	41.768	ng	99
14) 1,2-Dichlorobenzene	8.30	146	247435	43.002	ng	99
15) Benzyl Alcohol	8.18	79	194652	45.585	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	331126	40.887	ng	98
17) 2-Methylphenol	8.39	107	199588	47.605	ng	98
18) Hexachloroethane	9.04	117	87349	42.808	ng	98
19) n-Nitroso-di-n-propylamine	8.75	70	169596	42.160	ng	99
20) 3+4-Methylphenols	8.72	107	270323	47.107	ng	98
22) Acetophenone	8.77	105	327297	40.331	ng	# 97
24) Nitrobenzene	9.14	77	240259	38.584	ng	99
25) Isophorone	9.67	82	474771	40.853	ng	99
26) 2-Nitrophenol	9.86	139	133235	47.211	ng	99
27) 2,4-Dimethylphenol	9.92	122	217005	47.263	ng	99
28) bis(2-Chloroethoxy)methane	10.15	93	291482	46.127	ng	99
29) 2,4-Dichlorophenol	10.39	162	252908	46.826	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	259337	40.988	ng	98
31) Naphthalene	10.80	128	675082	40.348	ng	100
32) Benzoic acid	10.04	122	85531	29.781	ng	96
33) 4-Chloroaniline	10.90	127	153962	22.518	ng	98
34) Hexachlorobutadiene	11.09	225	168615	40.032	ng	96
35) Caprolactam	11.67	113	104443m	59.080	ng	
36) 4-Chloro-3-methylphenol	12.03	107	261183	49.277	ng	97
37) 2-Methylnaphthalene	12.40	142	543646	42.227	ng	99
38) 1-Methylnaphthalene	12.62	142	516394	42.387	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	315942	37.693	ng	99

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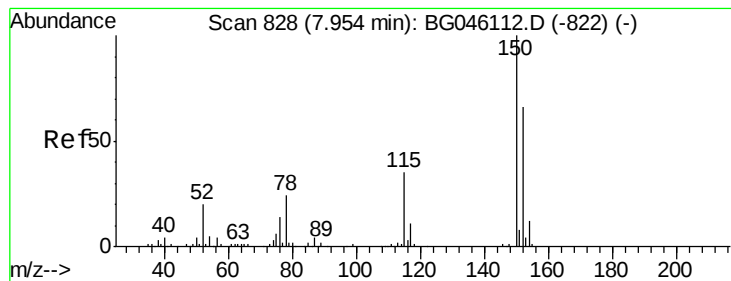
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	431197	89.685	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	239825	44.846	ng	97
44) 2,4,5-Trichlorophenol	13.08	196	264243	45.287	ng	96
46) 1,1'-Biphenyl	13.41	154	718747	39.384	ng	98
47) 2-Chloronaphthalene	13.45	162	561142	38.547	ng	99
48) 2-Nitroaniline	13.65	65	169923	44.532	ng	97
49) Acenaphthylene	14.30	152	913795	40.425	ng	99
50) Dimethylphthalate	14.03	163	844588	47.301	ng	99
51) 2,6-Dinitrotoluene	14.14	165	178514	42.958	ng	93
52) Acenaphthene	14.64	154	612944	41.085	ng	97
53) 3-Nitroaniline	14.47	138	115076	27.933	ng	99
54) 2,4-Dinitrophenol	14.68	184	124261	50.095	ng	96
55) Dibenzofuran	14.98	168	901608	40.051	ng	99
56) 4-Nitrophenol	14.79	139	345251	96.526	ng	98
57) 2,4-Dinitrotoluene	14.94	165	264048	46.215	ng	92
58) Fluorene	15.62	166	761491	41.770	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	283651	51.610	ng	98
60) Diethylphthalate	15.40	149	803321	45.735	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	416506	43.743	ng	96
62) 4-Nitroaniline	15.64	138	202820	48.951	ng	99
63) Azobenzene	15.91	77	679271	41.264	ng	97
65) 4,6-Dinitro-2-methylphenol	15.70	198	142287	35.786	ng	91
66) n-Nitrosodiphenylamine	15.83	169	717137	39.406	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	308314	41.510	ng	98
68) Hexachlorobenzene	16.63	284	339545	40.769	ng	97
69) Atrazine	16.78	200	281855	40.221	ng	100
70) Pentachlorophenol	16.97	266	448632	83.021	ng	100
71) Phenanthrene	17.36	178	1303578	39.583	ng	100
72) Anthracene	17.45	178	1346523	41.106	ng	99
73) Carbazole	17.71	167	1258085	39.829	ng	99
74) Di-n-butylphthalate	18.29	149	1449015	43.887	ng	99
75) Fluoranthene	19.37	202	1637670	39.831	ng	100
77) Benzidine	19.54	184	855127	49.598	ng	99
78) Pyrene	19.73	202	1629019	39.832	ng	99
80) Butylbenzylphthalate	20.62	149	665326	44.909	ng	99
81) Benzo(a)anthracene	21.55	228	1628993	39.992	ng	99
82) 3,3'-Dichlorobenzidine	21.46	252	436505	25.806	ng	98
83) Chrysene	21.61	228	1547600	38.785	ng	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	928091	43.818	ng	99
85) Di-n-octyl phthalate	22.65	149	1605242	44.762	ng	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	2124196	41.815	ng	# 96
88) Benzo(b)fluoranthene	23.69	252	1787282	40.041	ng	99
89) Benzo(k)fluoranthene	23.76	252	1719493	39.275	ng	99
90) Benzo(a)pyrene	24.53	252	1650047	39.727	ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1734267	40.838	ng	98
92) Benzo(g,h,i)perylene	29.30	276	1779522	41.492	ng	99

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



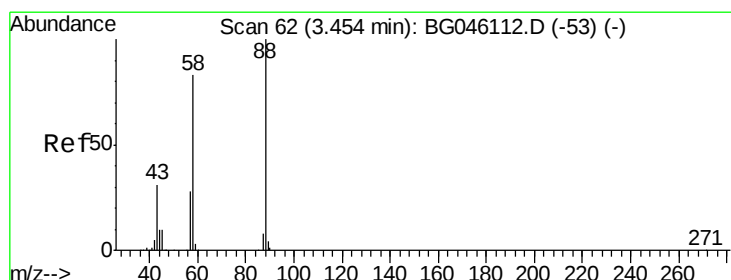
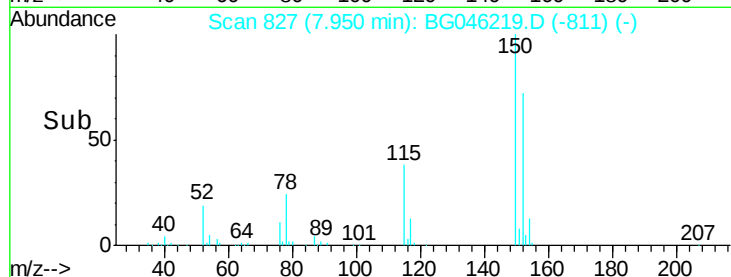
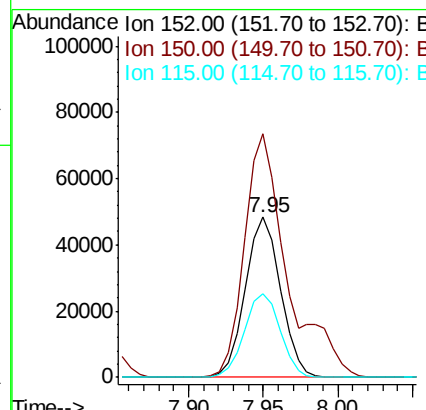
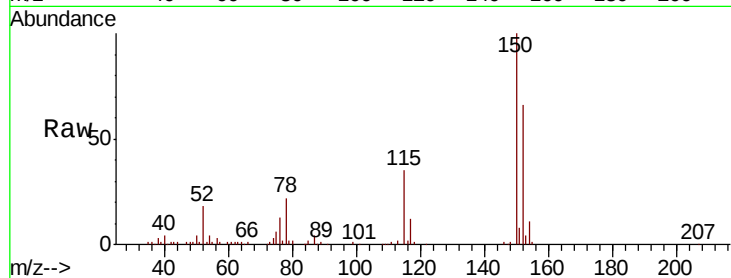
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	122.1	183.1
115	52.6	43.2	64.8

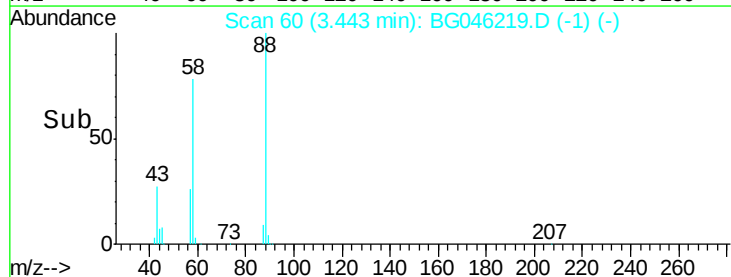
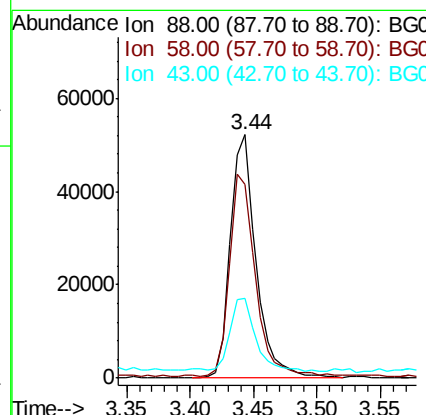
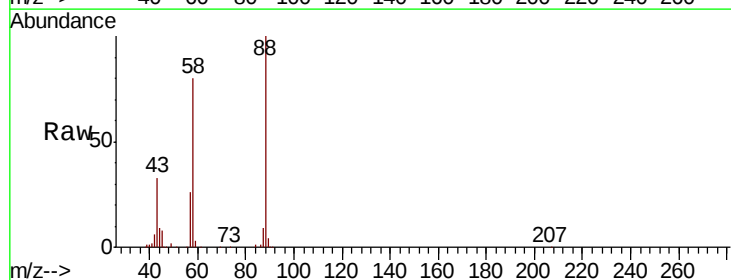
Manual Integrations
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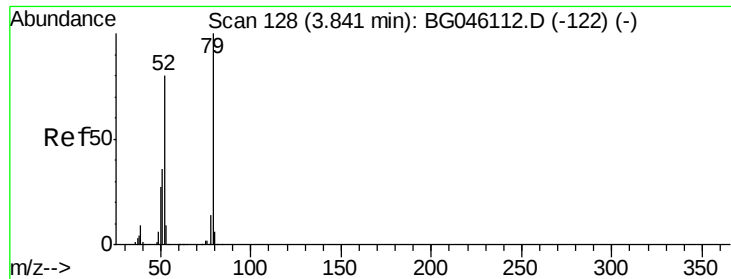
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#2
 1,4-Dioxane
 Concen: 35.440 ng
 RT: 3.44 min Scan# 60
 Delta R.T. -0.01 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	66.5	99.7
43	31.4	23.8	35.8





#3

Pvridine

Concen: 29.603 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

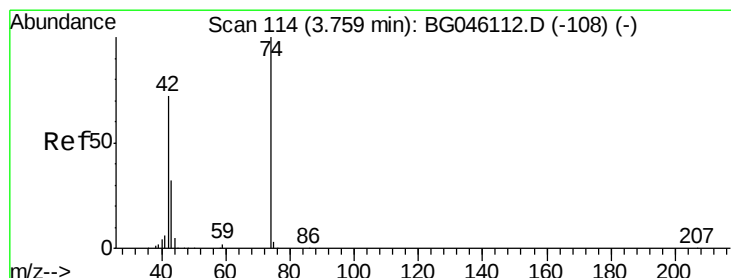
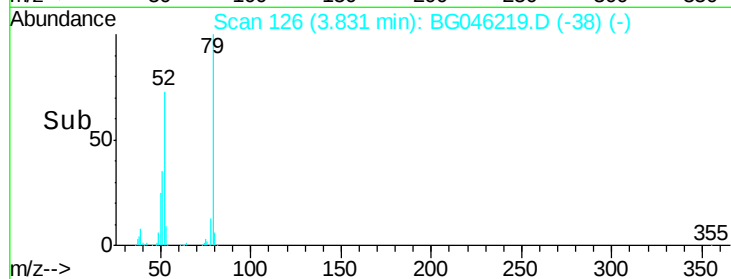
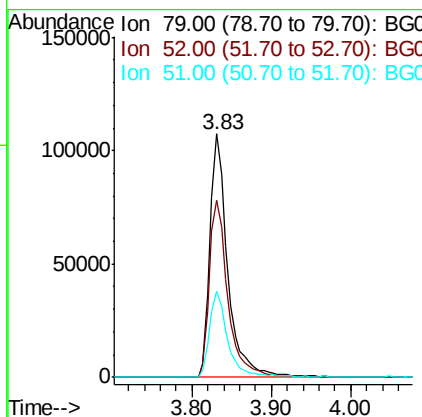
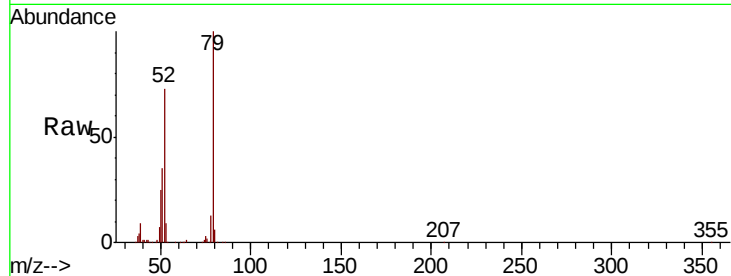
ClientSampleId :

SS-TP-1MS

Tot Ion:	79	Resp:	168226
Ion Ratio	Lower	Upper	
79	100		
52	72.8	64.3	96.5
51	35.5	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 38.731 ng

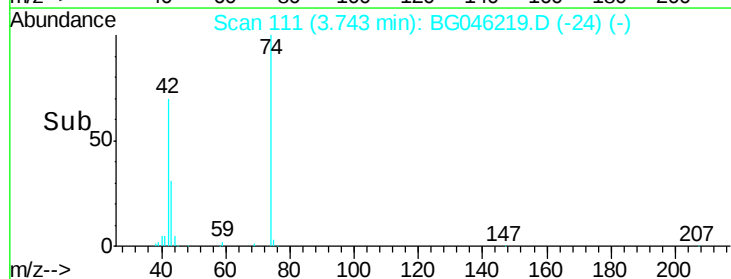
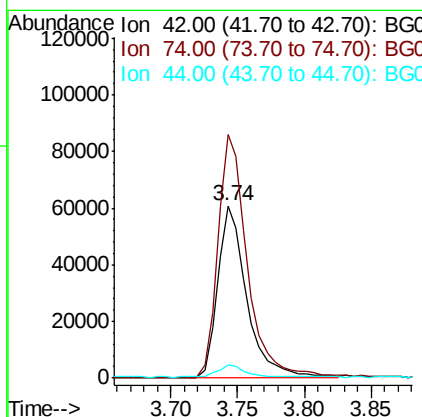
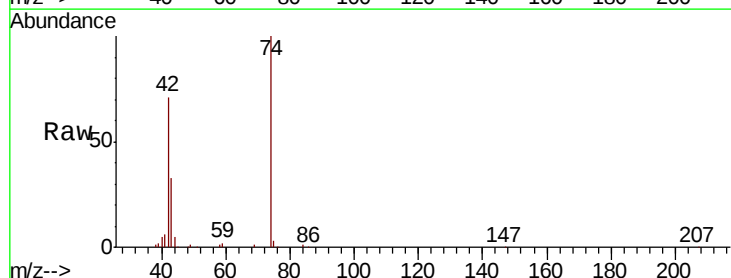
RT: 3.74 min Scan# 111

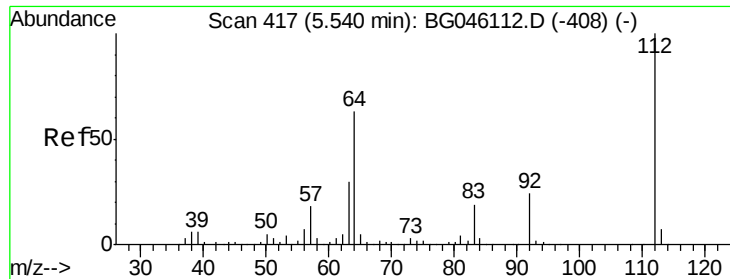
Delta R.T. -0.02 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Tgt Ion:	42	Resp:	93672
Ion Ratio	Lower	Upper	
42	100		
74	141.5	111.6	167.4
44	7.7	5.7	8.5





#5

2-Fluorophenol

Concen: 80.920 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

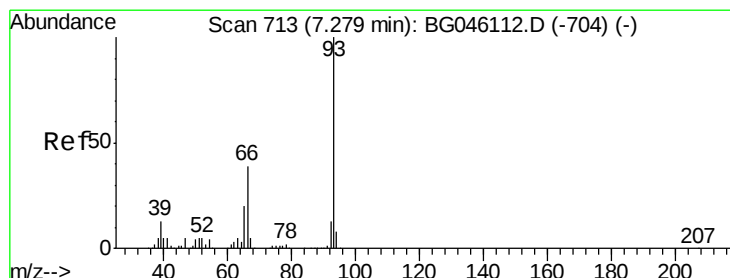
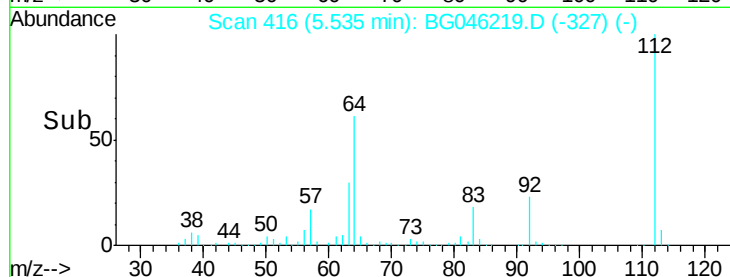
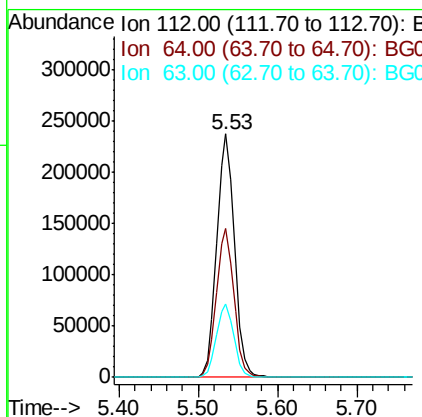
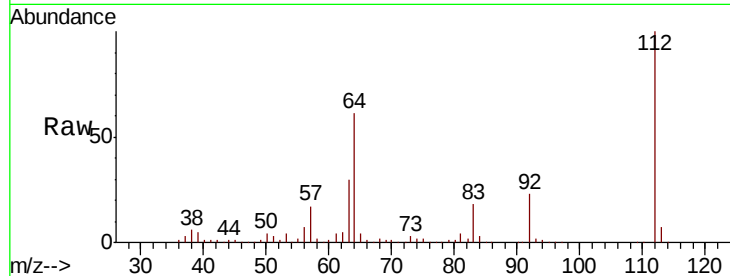
ClientSampleId :

SS-TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		366990		
64	61.2	50.2	75.2		
63	30.2	24.2	36.4		

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#6

Aniline

Concen: 30.957 ng

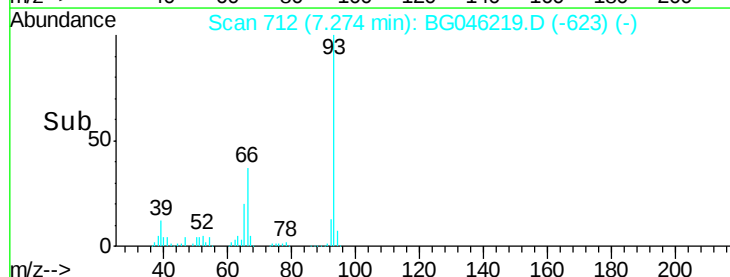
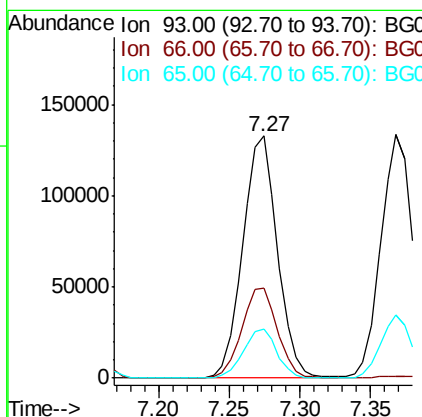
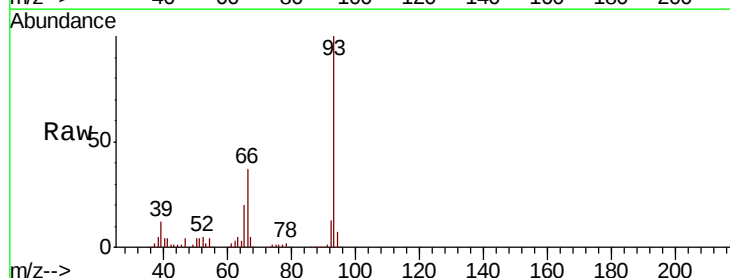
RT: 7.27 min Scan# 712

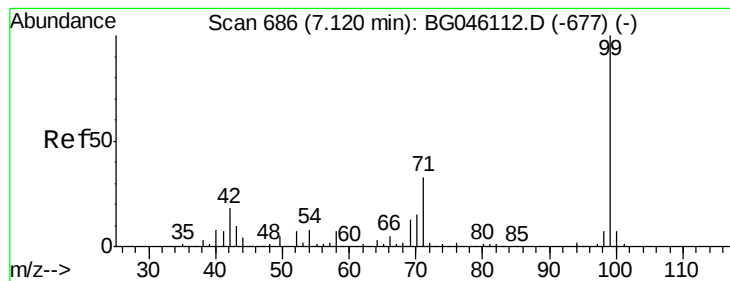
Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		227769		
66	37.1	31.0	46.4		
65	20.3	15.9	23.9		





#7

Phenol-d6

Concen: 79.092 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

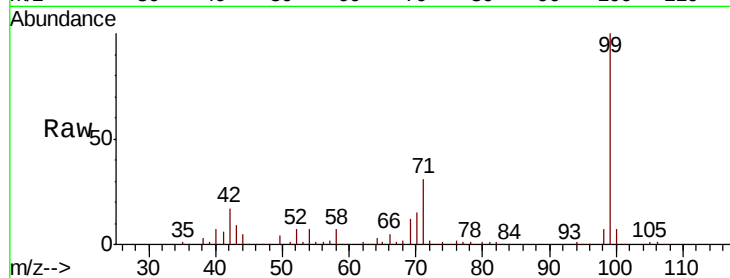
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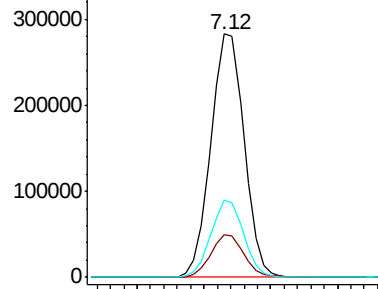
Tot Ion:	99	Resp:	488862
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.7	22.1
71	31.5	26.5	39.7

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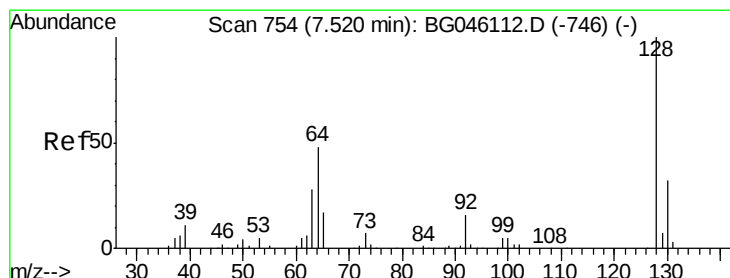
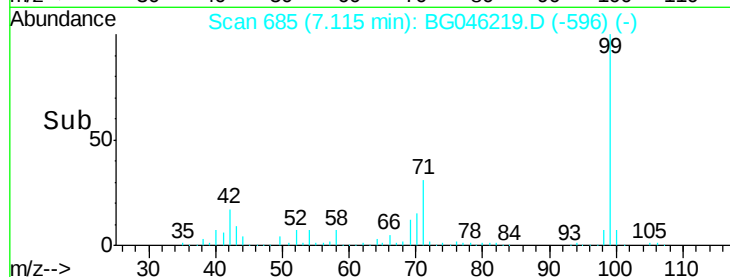
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 45.238 ng

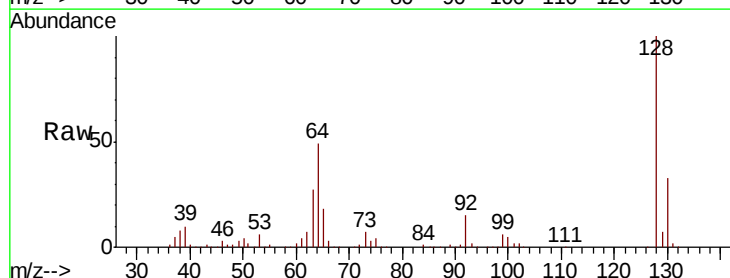
RT: 7.51 min Scan# 753

Delta R.T. -0.00 min

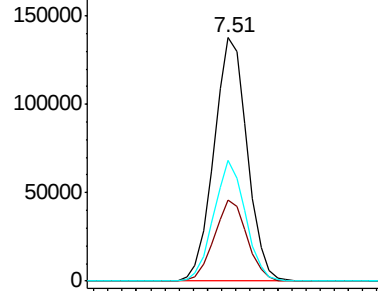
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Acq: 11 Aug 2020 16:05

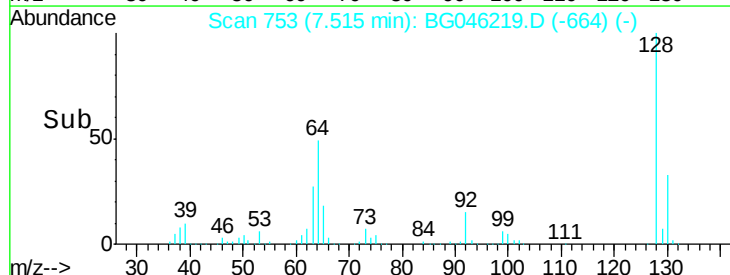
Tgt Ion:	128	Resp:	226765
Ion Ratio	Lower	Upper	
128	100		
130	33.5	11.6	51.6
64	49.5	30.6	70.6

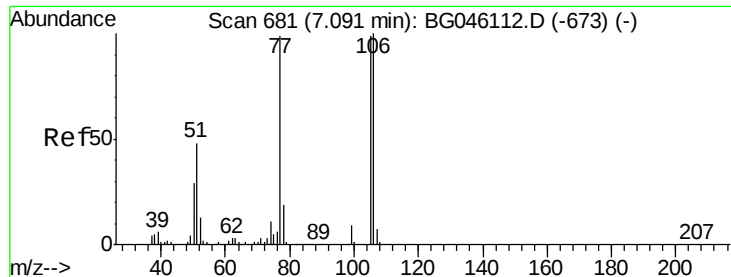


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 39.592 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

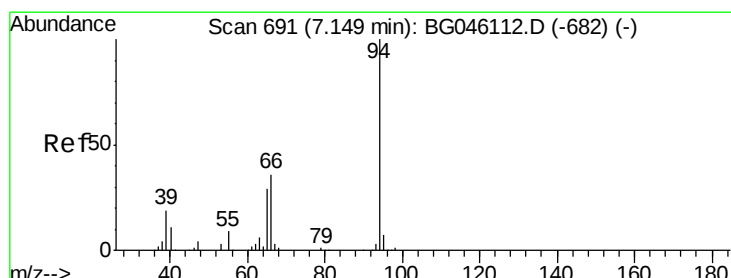
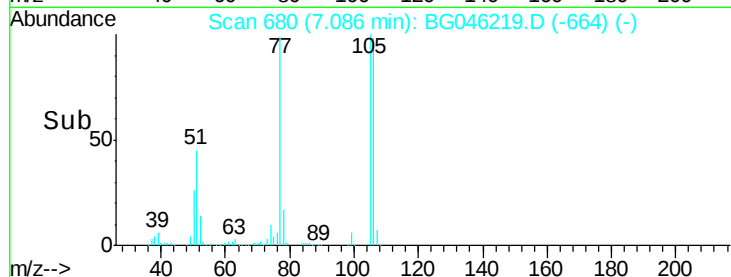
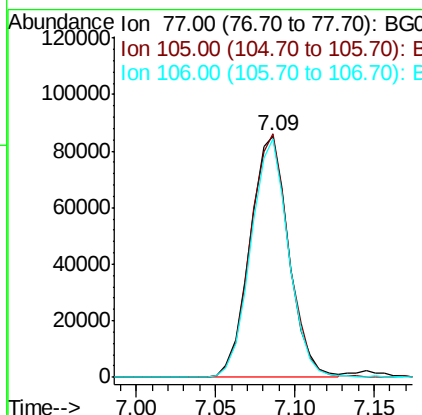
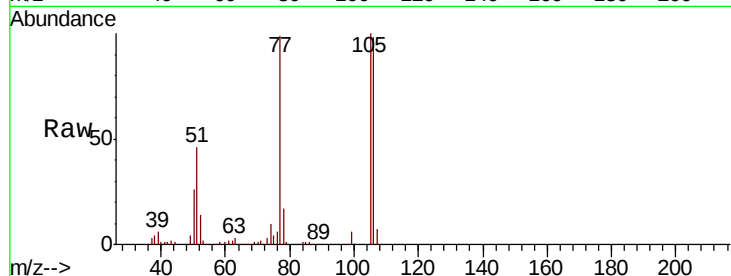
ClientSampleId :

SS-TP-1MS

Tot Ion:	77	Resp:	145213
Ion	Ratio	Lower	Upper
77	100		
105	101.0	80.3	120.3
106	98.8	81.5	121.5

Manual Integrations
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#10

Phenol

Concen: 46.140 ng

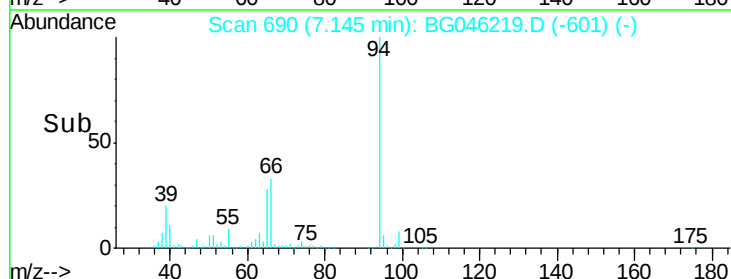
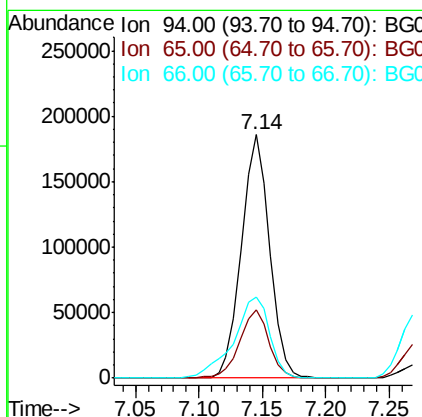
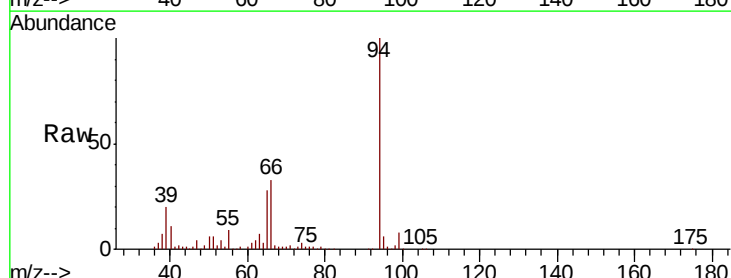
RT: 7.14 min Scan# 690

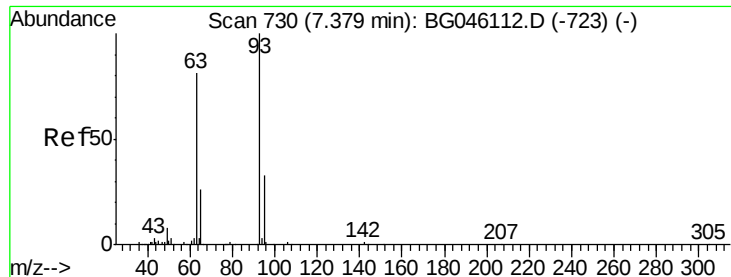
Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Tgt Ion:	94	Resp:	286542
Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.6	49.6
66	33.1	16.3	56.3





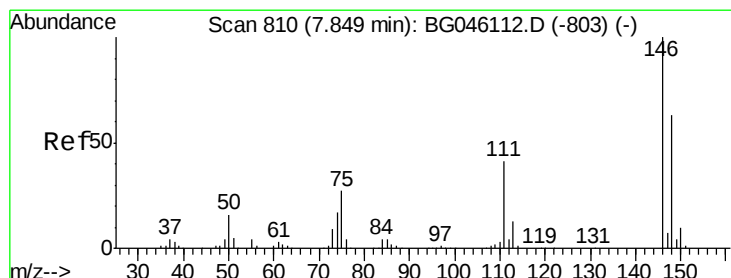
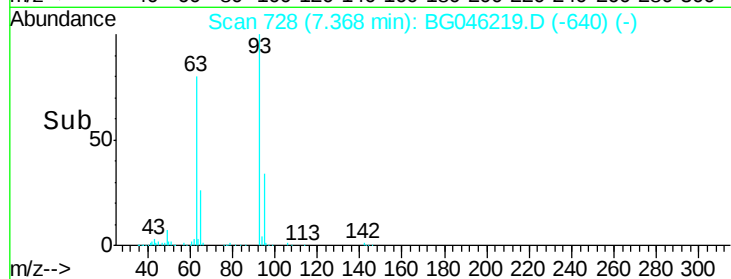
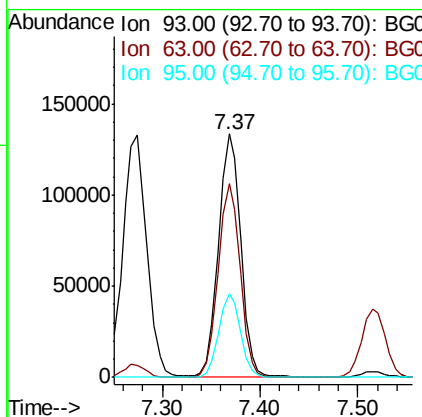
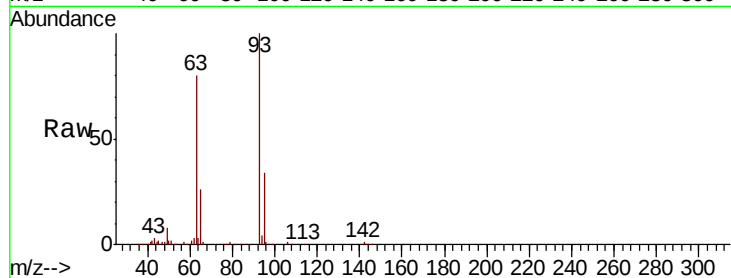
#11
bis(2-Chloroethyl)ether
Concen: 42.979 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	212305		
63	79.8	60.0	100.0	
95	34.2	12.6	52.6	

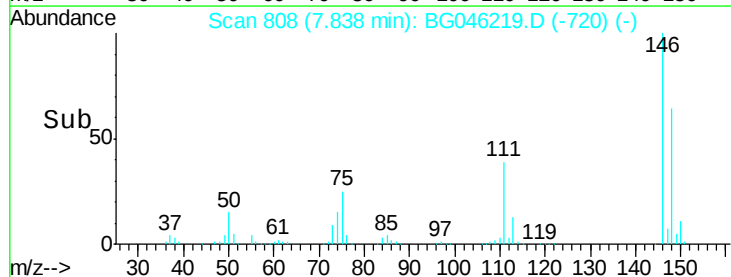
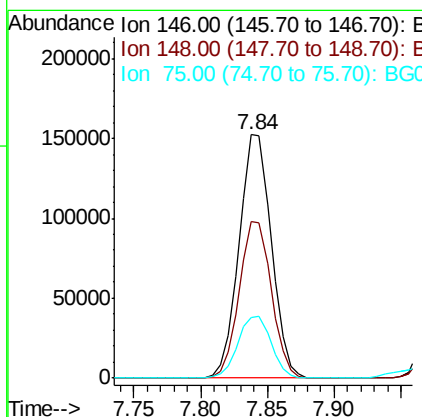
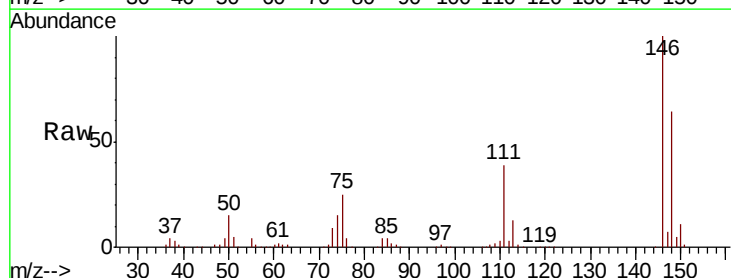
Manual Integrations
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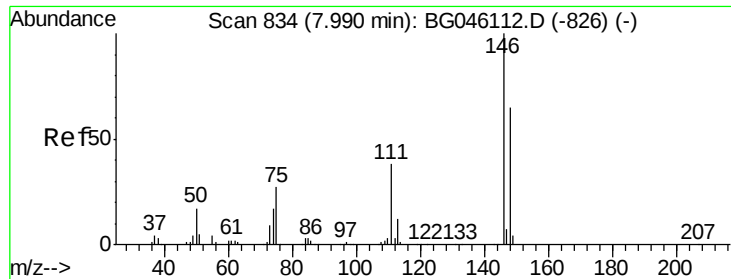
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.005 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	255218		
148	64.3	50.5	75.7	
75	25.1	21.6	32.4	





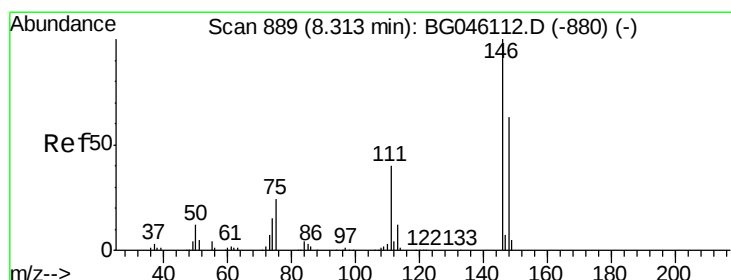
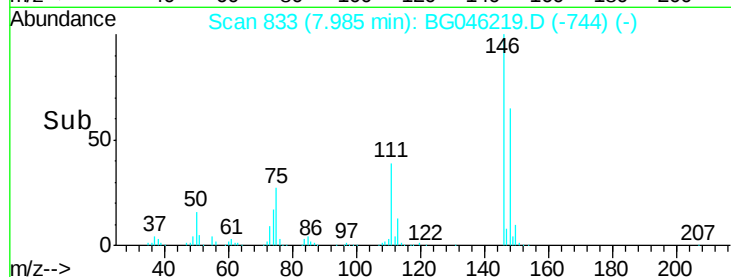
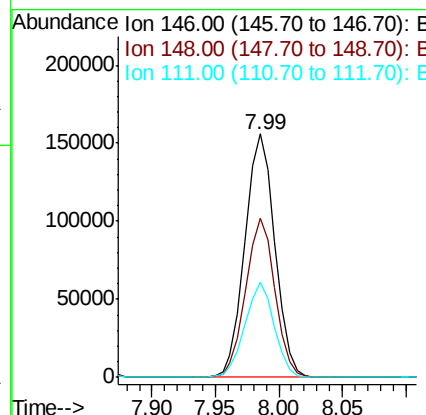
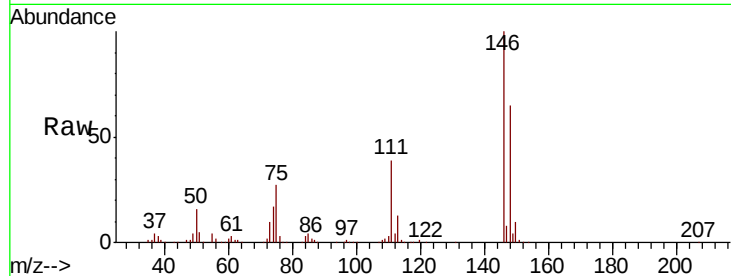
#13
 1,4-Dichlorobenzene
 Concen: 41.768 ng
 RT: 7.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.6
111	38.9	30.7	46.1

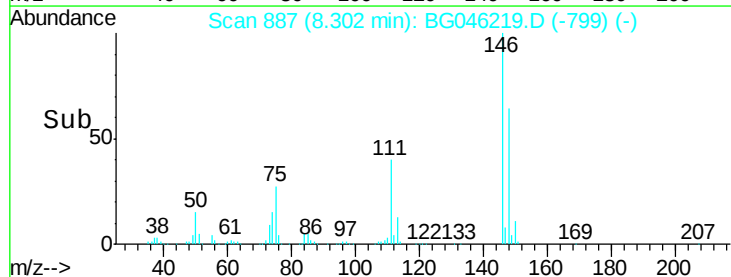
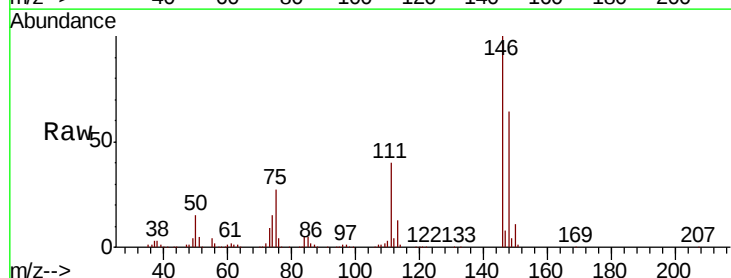
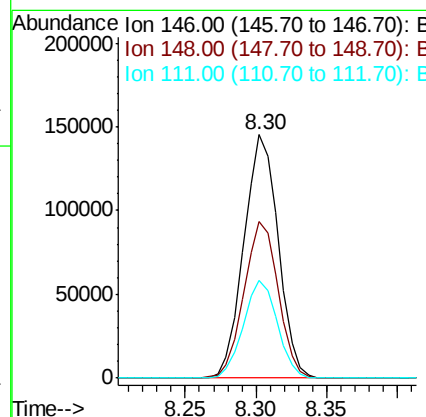
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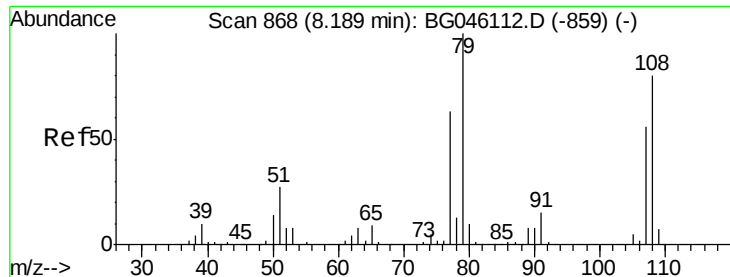
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.002 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	40.0	32.4	48.6





#15

Benzyl Alcohol

Concen: 45.585 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

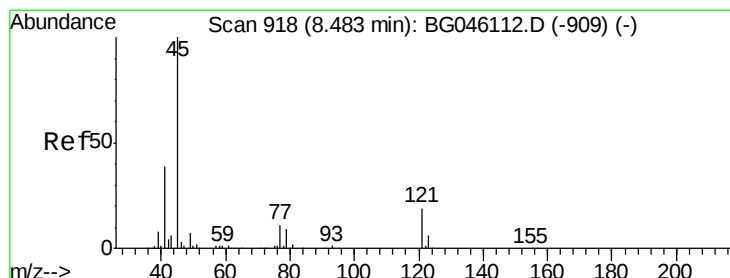
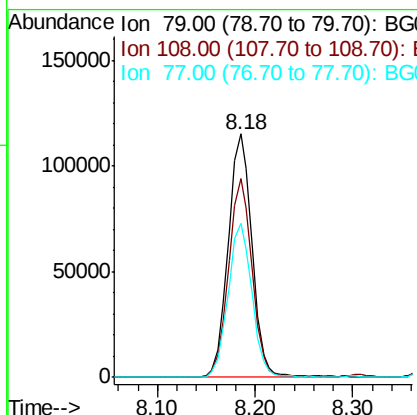
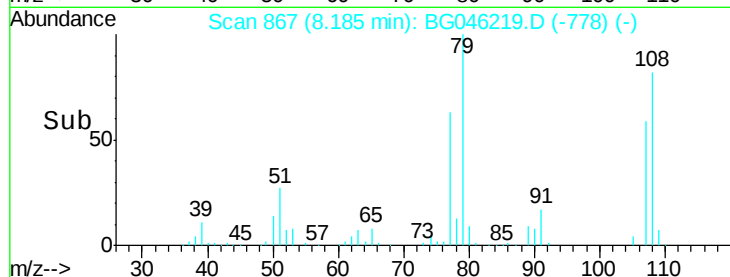
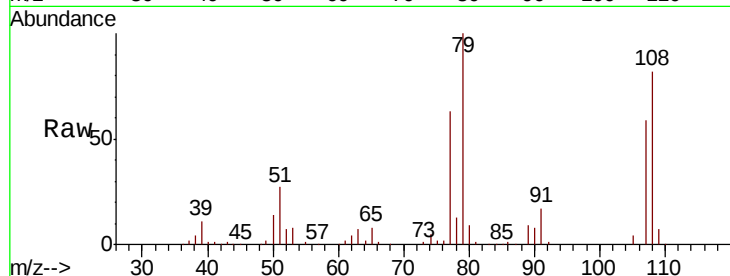
ClientSampleId :

SS-TP-1MS

Tot Ion:	79	Resp:	194652
Ion Ratio	Lower	Upper	
79	100		
108	81.9	64.1	96.1
77	63.1	50.2	75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.887 ng

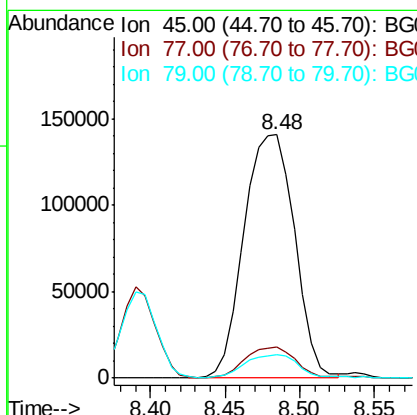
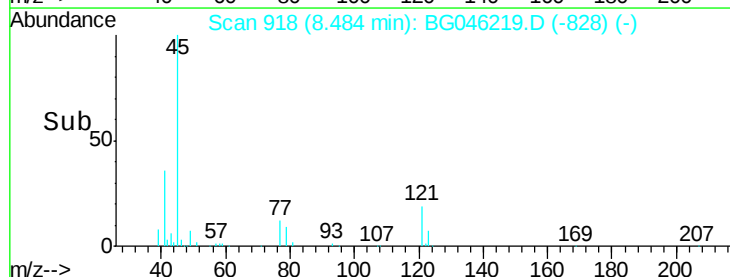
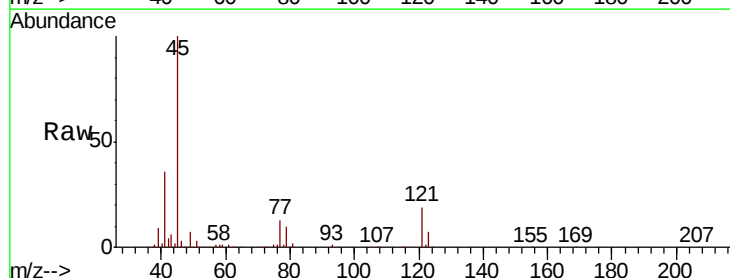
RT: 8.48 min Scan# 918

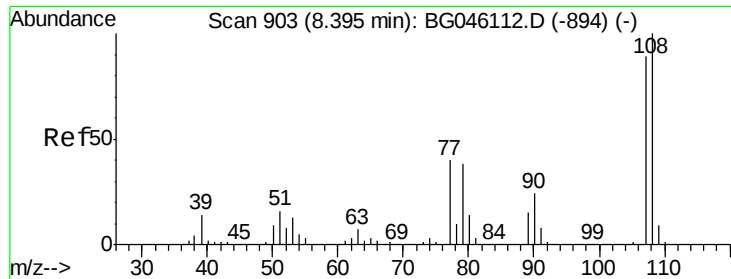
Delta R.T. 0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Tgt Ion:	45	Resp:	331126
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	31.9
79	9.7	0.0	29.5





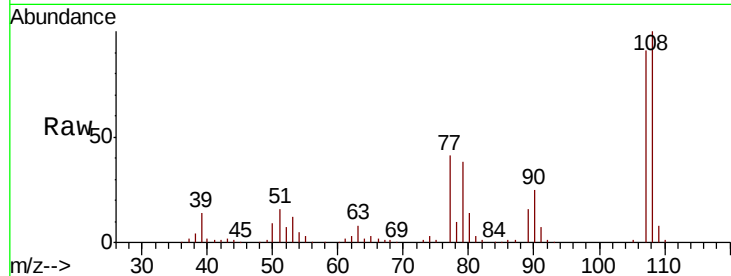
#17
2-Methylphenol
Concen: 47.605 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

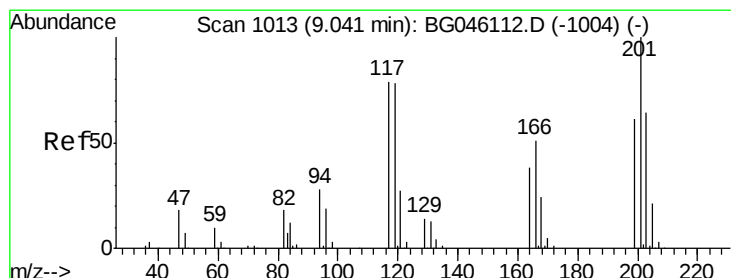
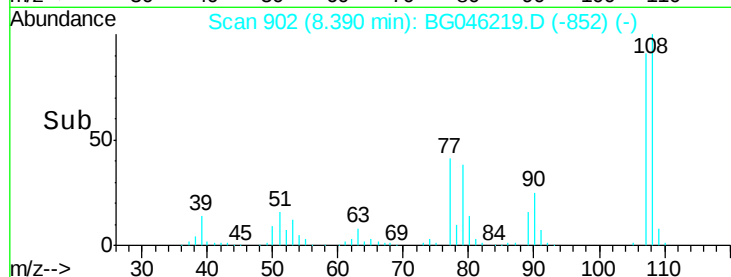
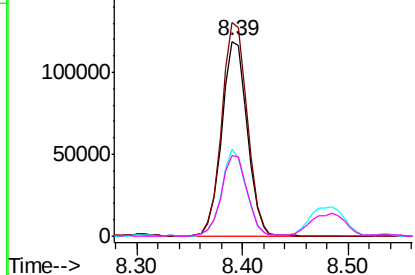
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	90.0	135.0	
77	44.6	35.6	53.4	
79	41.8	34.4	51.6	

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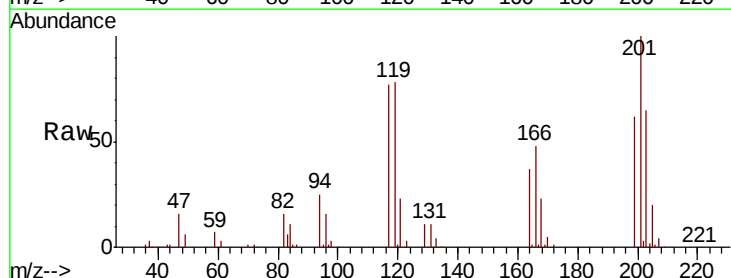


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BG
100000 Ion 79.00 (78.70 to 79.70): BG
50000
0

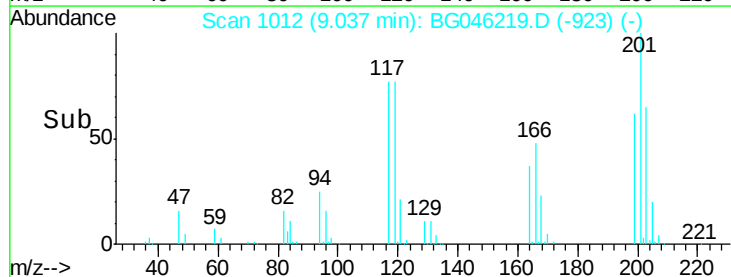
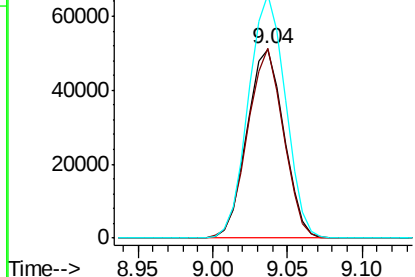


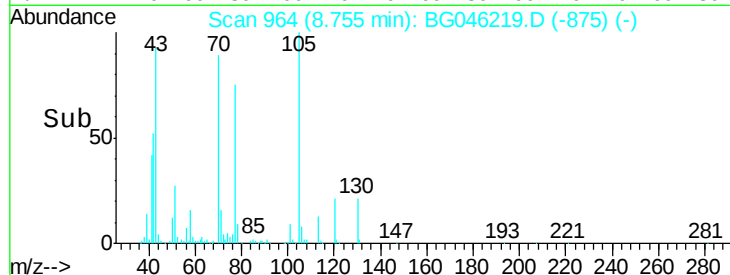
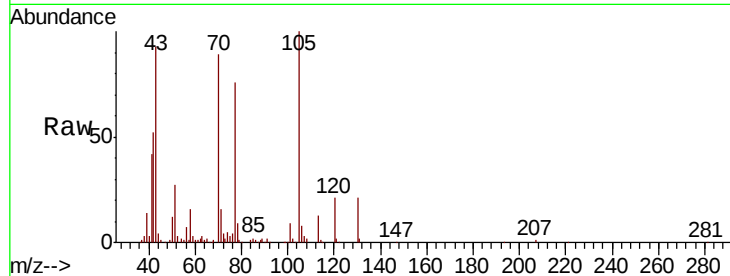
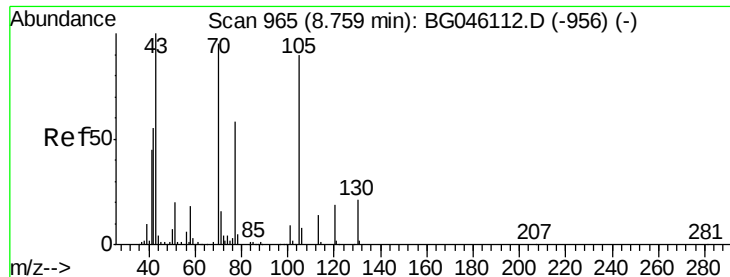
#18
Hexachloroethane
Concen: 42.808 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.4	78.5	117.7	
201	129.1	101.0	151.4	



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





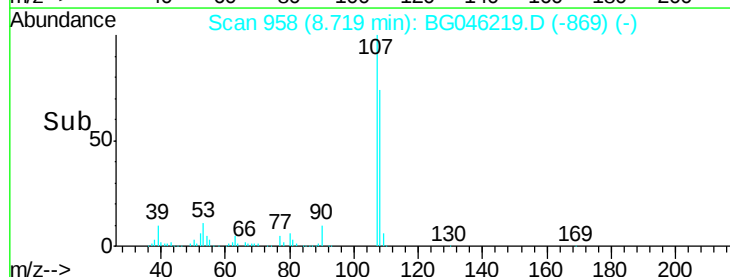
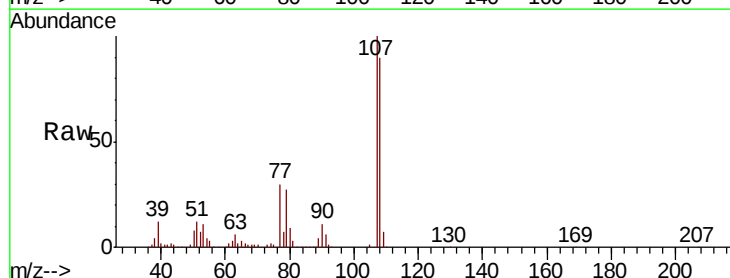
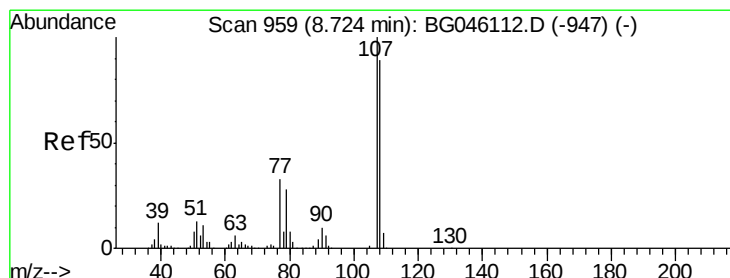
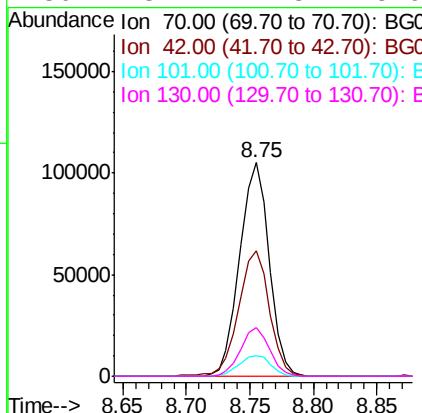
#19
n-Nitroso-di-n-propylamine
Concen: 42.160 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.7	46.5	69.7		
101	9.6	7.6	11.4		
130	23.1	17.3	25.9		

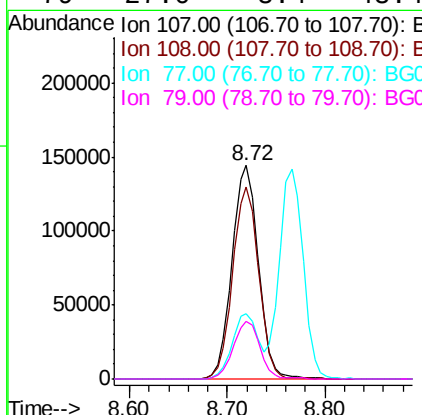
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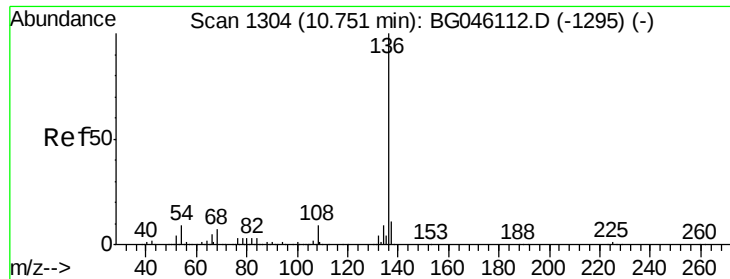
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#20
3+4-Methylphenols
Concen: 47.107 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.7	69.1	109.1		
77	30.5	12.5	52.5		
79	27.0	8.4	48.4		





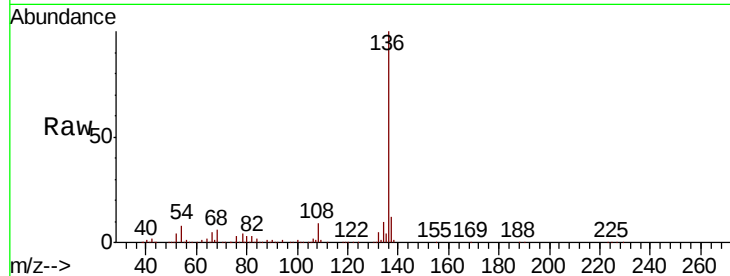
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	316217		
137	11.5	8.8	13.2	
54	8.3	7.0	10.4	
68	6.1	5.3	7.9	

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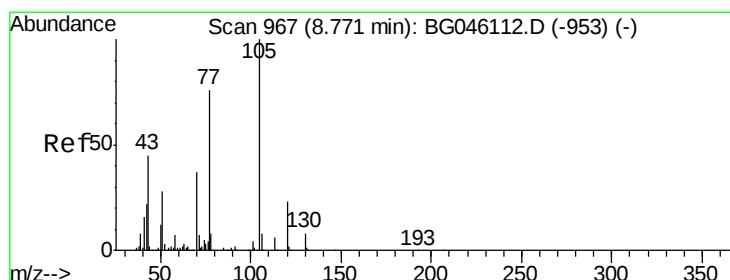
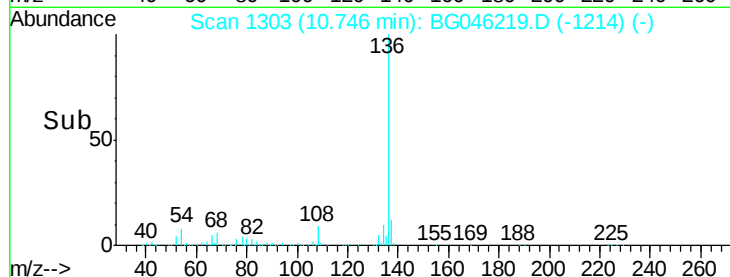
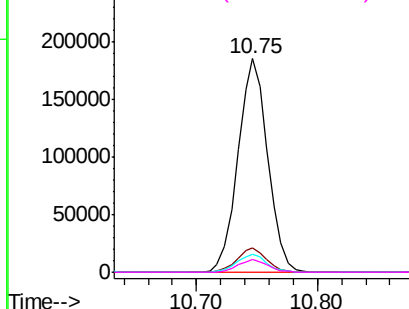
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.331 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	327297		
71	4.4	5.3	7.9#	
51	25.9	22.7	34.1	
120	23.2	18.7	28.1	

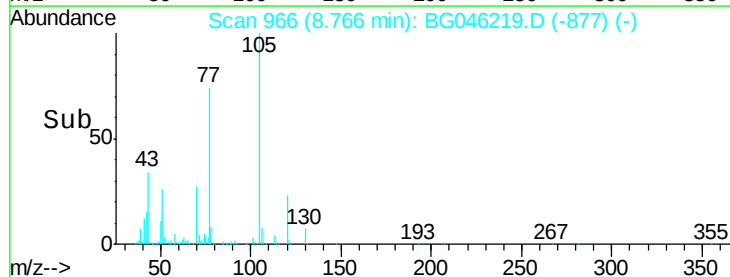
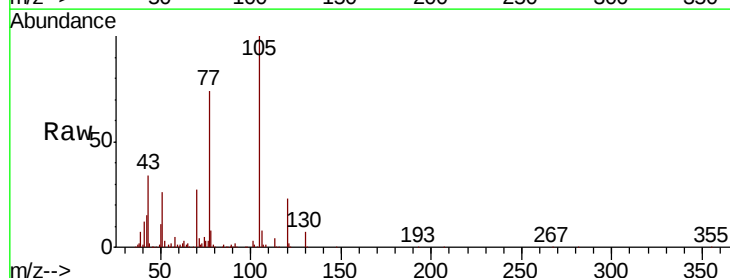
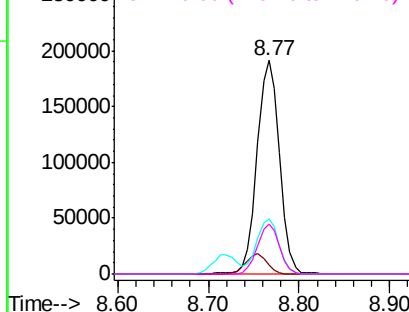
Abundance

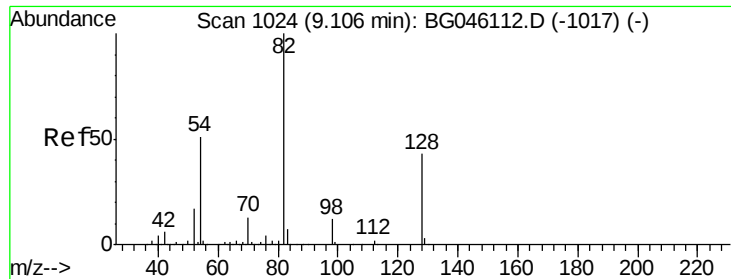
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





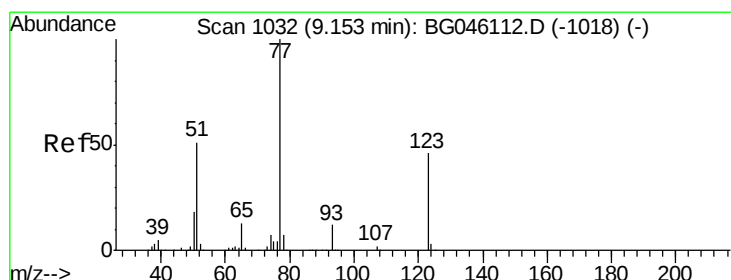
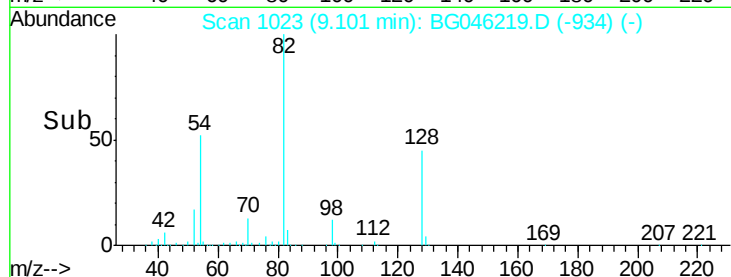
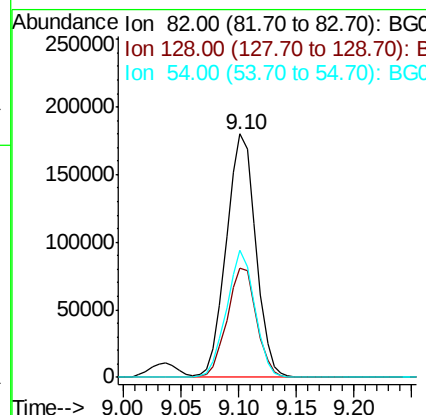
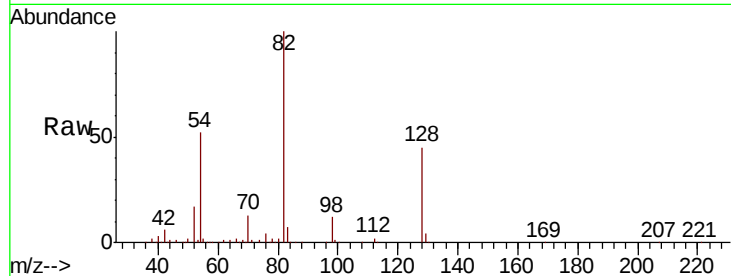
#23
 Nitrobenzene-d5
 Concen: 54.468 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	34.4	51.6	
54	52.1	40.8	61.2	

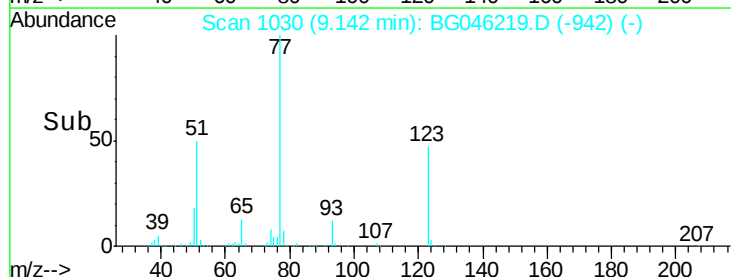
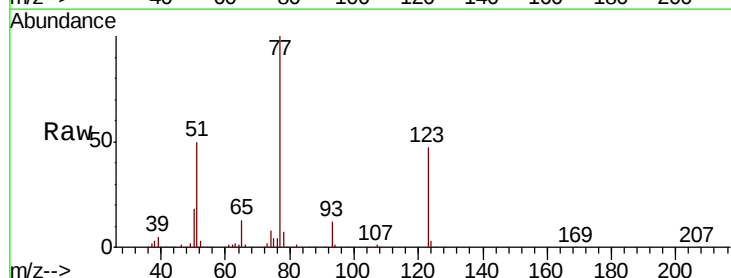
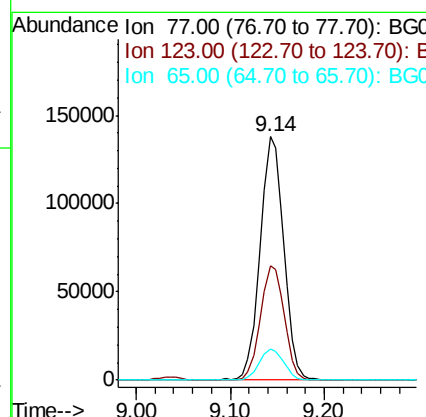
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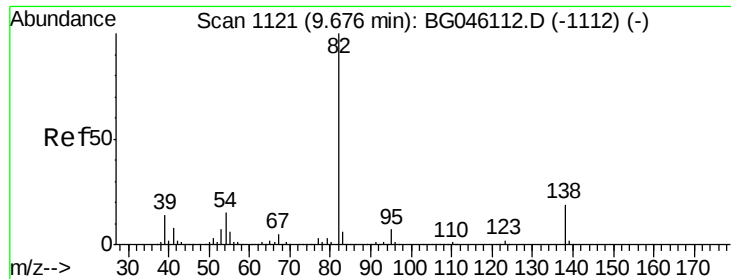
mohammad
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#24
 Nitrobenzene
 Concen: 38.584 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.0	36.8	55.2	
65	12.6	10.2	15.2	





#25

Isophorone

Concen: 40.853 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

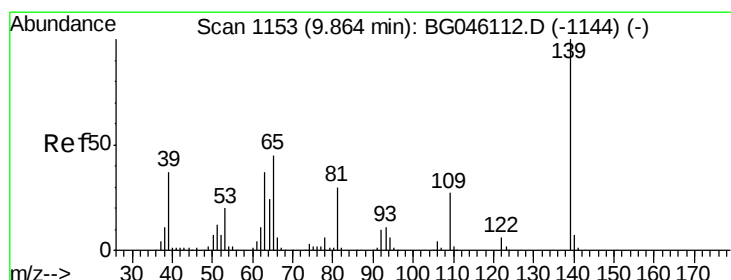
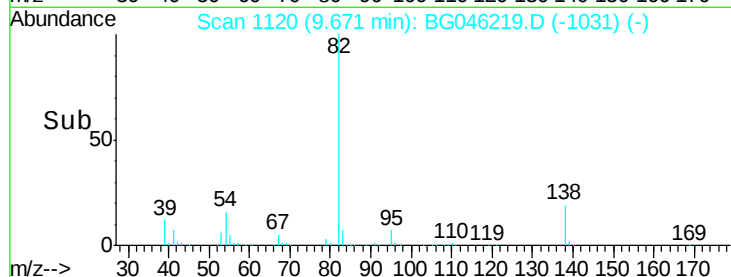
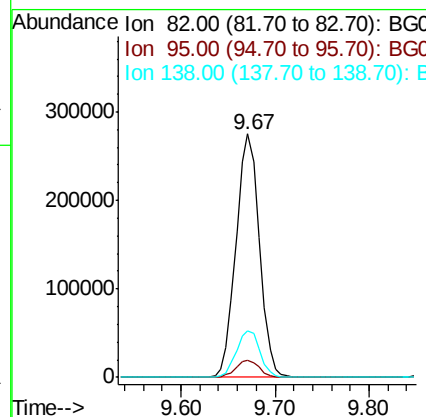
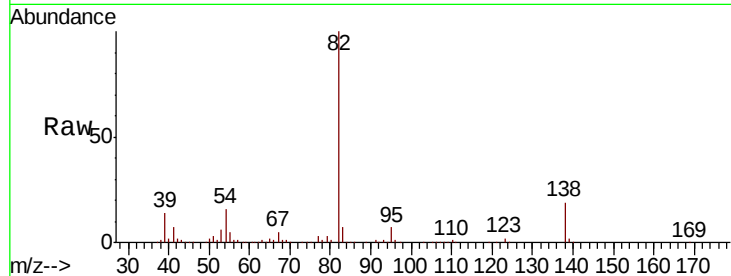
ClientSampleId :

SS-TP-1MS

Tot Ion:	82	Resp:	474771
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.5	8.3
138	19.4	15.3	22.9

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#26

2-Nitrophenol

Concen: 47.211 ng

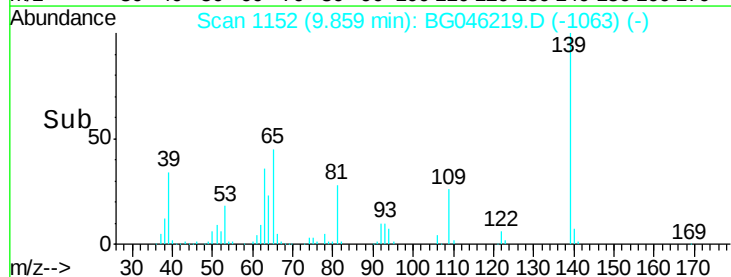
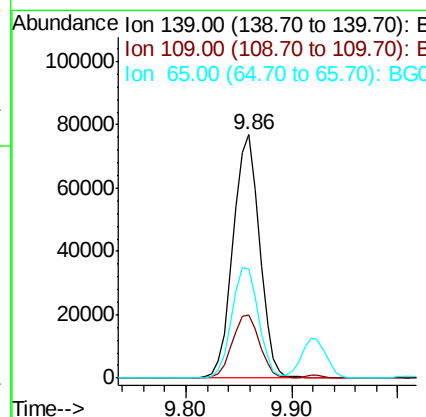
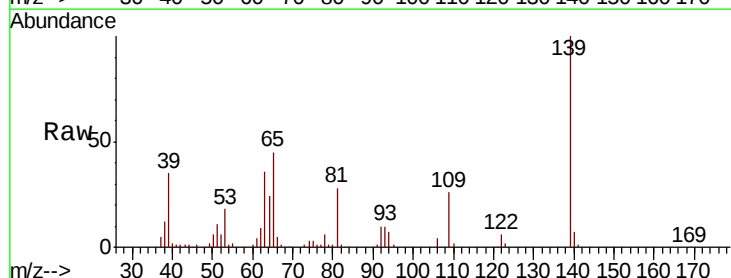
RT: 9.86 min Scan# 1152

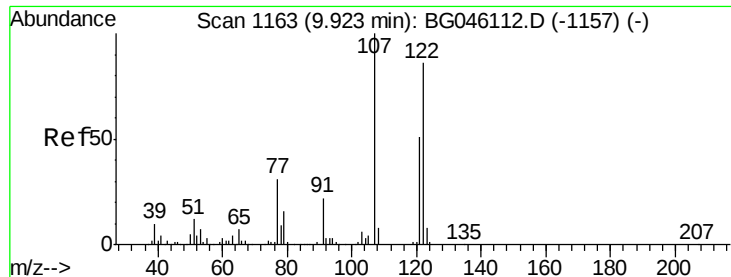
Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Tgt Ion:	139	Resp:	133235
Ion Ratio	Lower	Upper	
139	100		
109	26.0	21.8	32.8
65	45.1	36.2	54.2





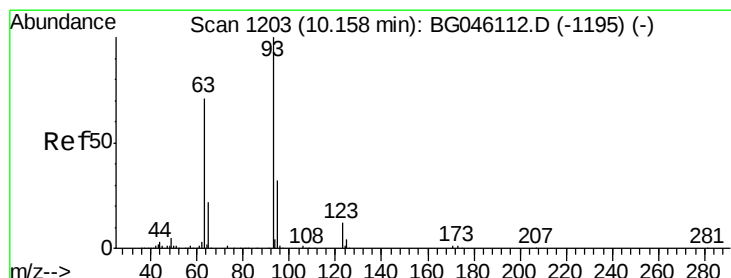
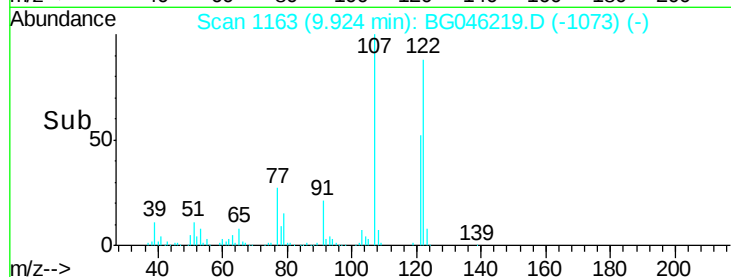
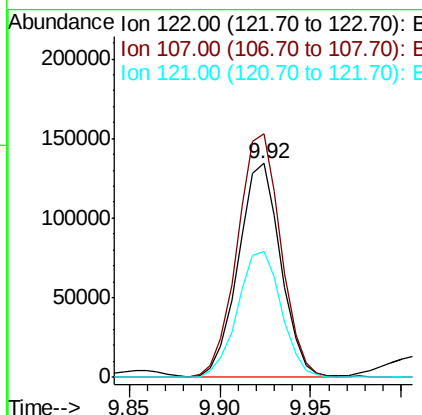
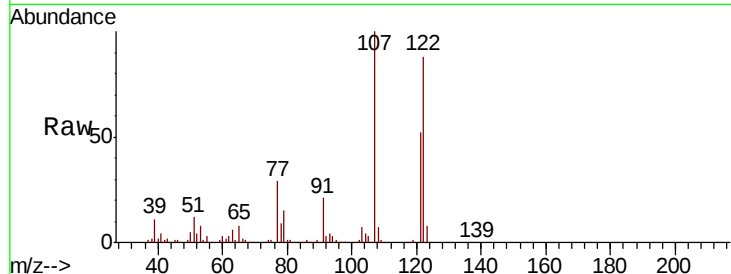
#27
 2,4-Dimethylphenol
 Concen: 47.263 ng
 RT: 9.92 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	217005		
107	113.8	92.4	138.6	
121	59.1	47.0	70.6	

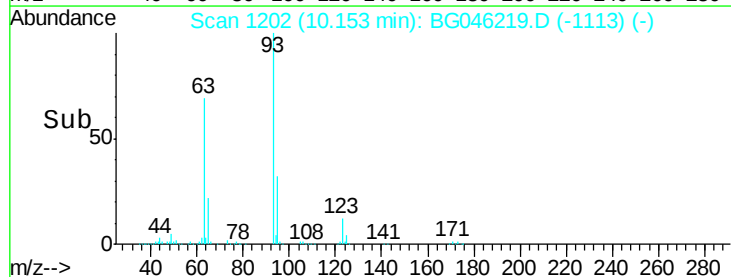
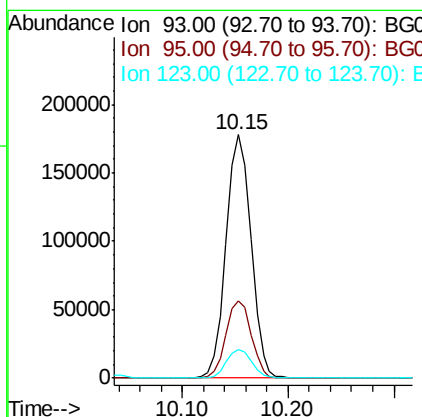
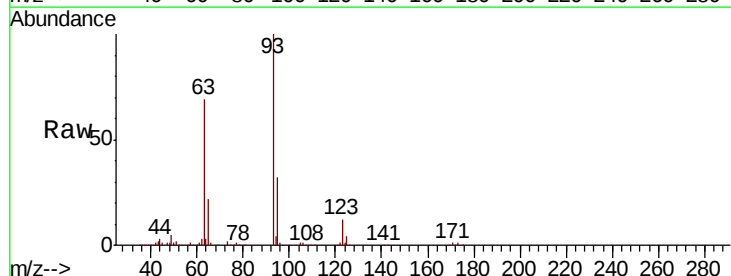
Manual Integrations
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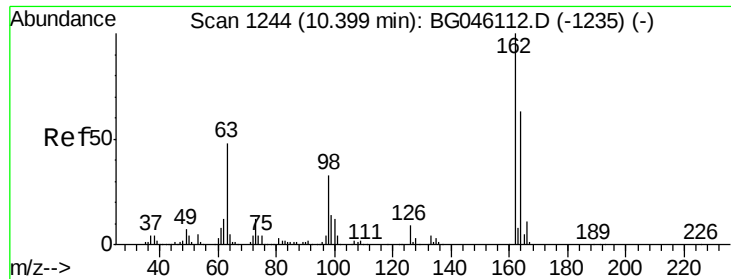
mohammad
 8/12/2020 1:48:10 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.127 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	291482		
95	31.7	26.0	39.0	
123	11.8	9.7	14.5	





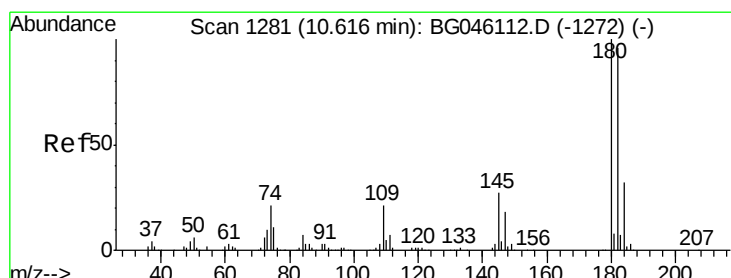
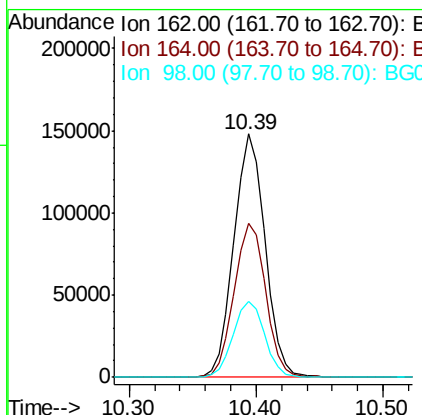
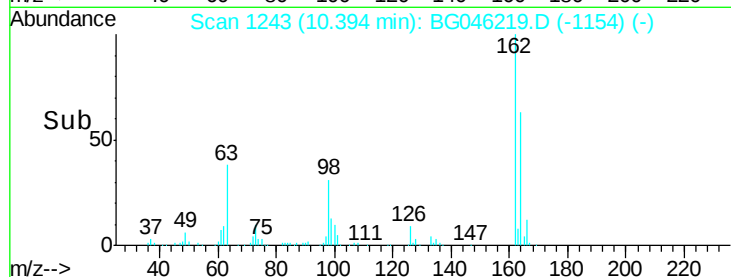
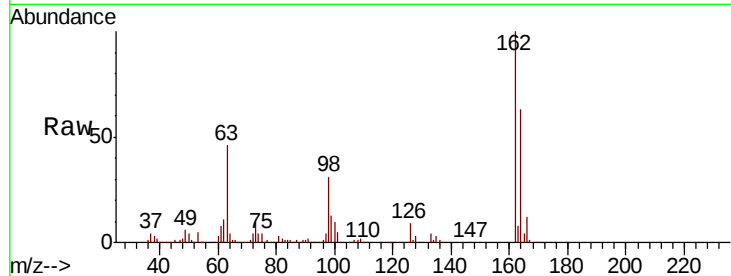
#29
 2,4-Dichlorophenol
 Concen: 46.826 ng
 RT: 10.39 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	252908		
164	63.5	43.3	83.3	
98	31.4	13.1	53.1	

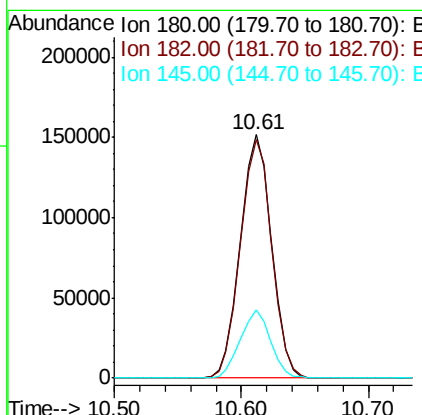
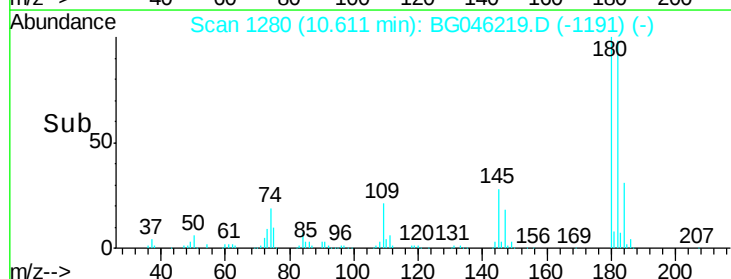
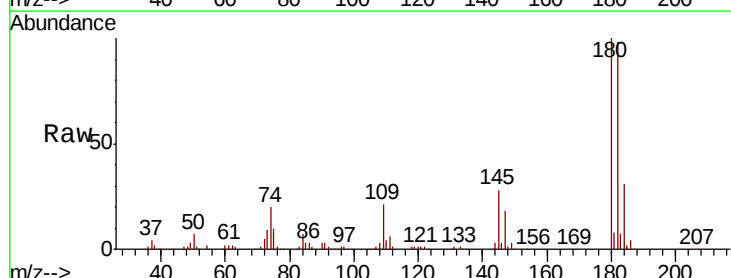
Manual Integrations
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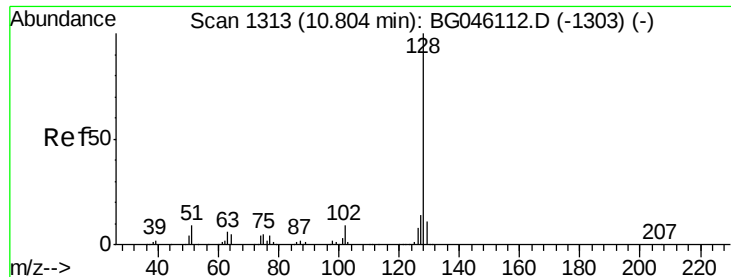
mohammad
 8/12/2020 1:48:10 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.988 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	259337		
182	97.8	76.7	115.1	
145	27.9	21.8	32.8	





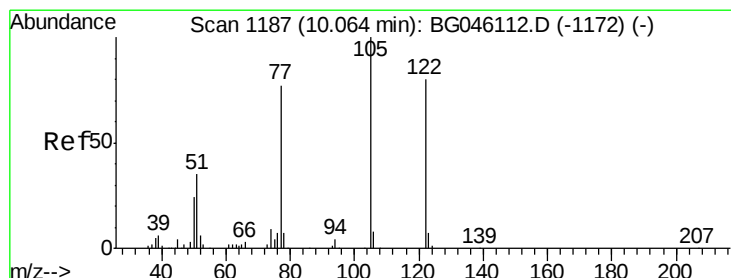
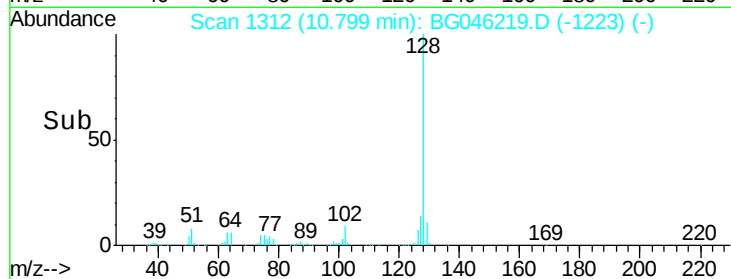
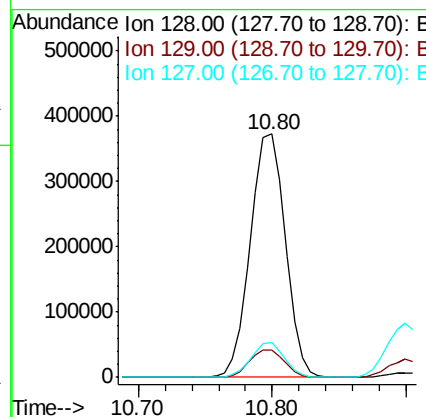
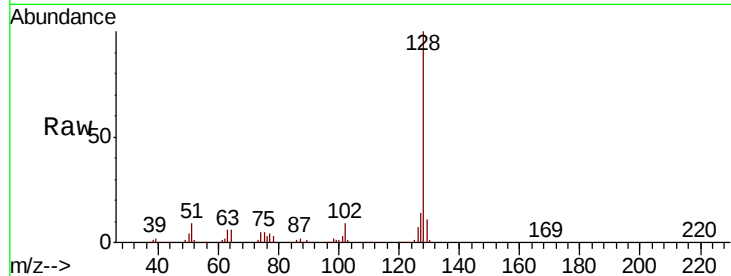
#31
Naphthalene
Concen: 40.348 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	14.1	11.3	16.9

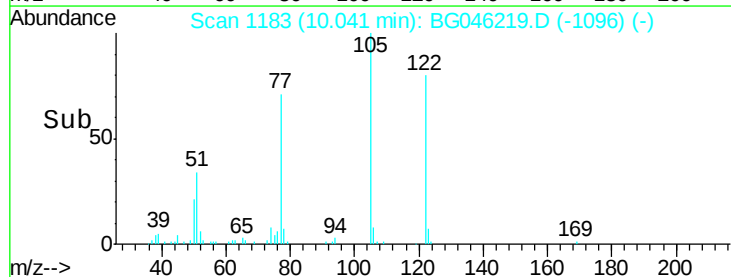
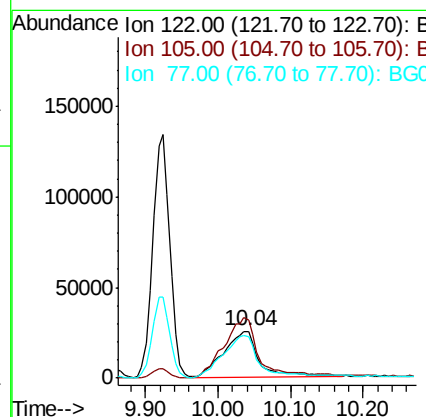
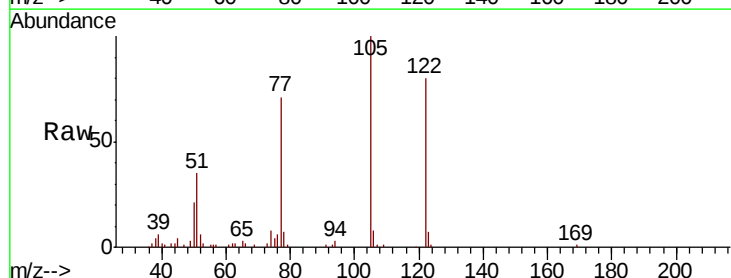
Manual Integrations
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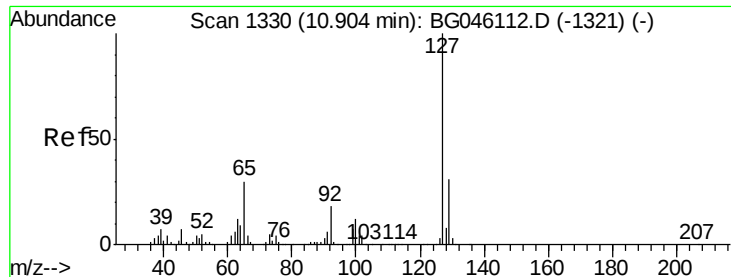
mohammad
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#32
Benzoic acid
Concen: 29.781 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.7	103.0	143.0
77	88.1	75.2	115.2





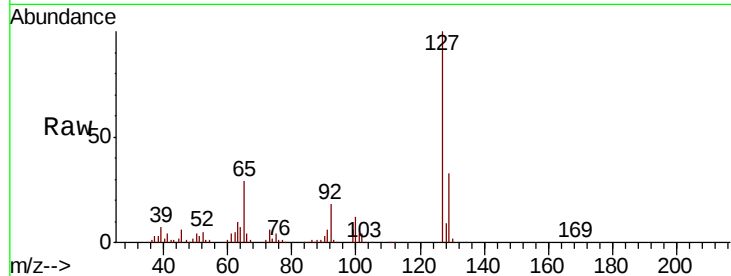
#33
4-Chloroaniline
Concen: 22.518 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	25.2	37.8		
65	29.5	24.2	36.2		
92	18.4	14.5	21.7		

Manual Integrations
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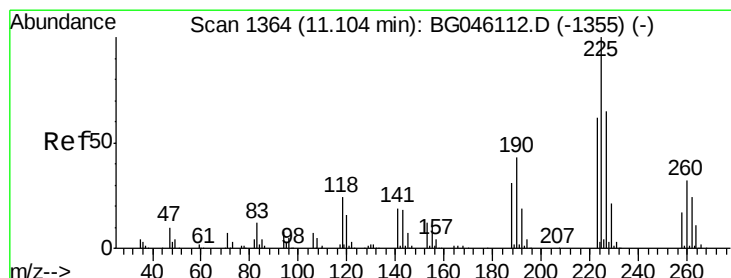
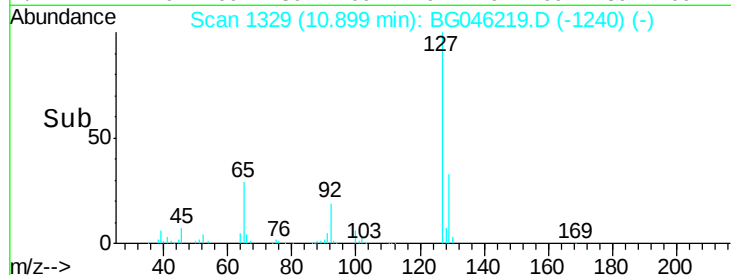
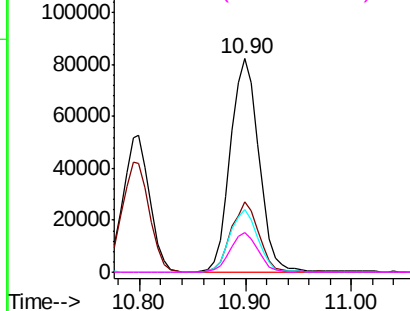
Abundance

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: 40.032 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

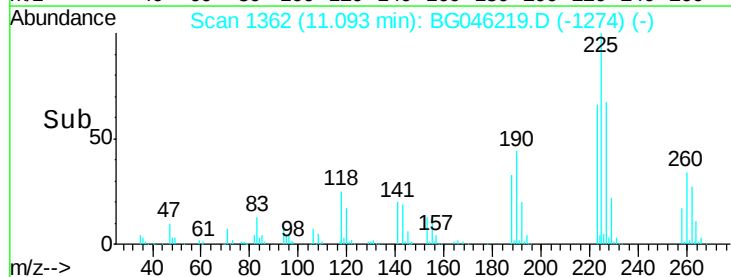
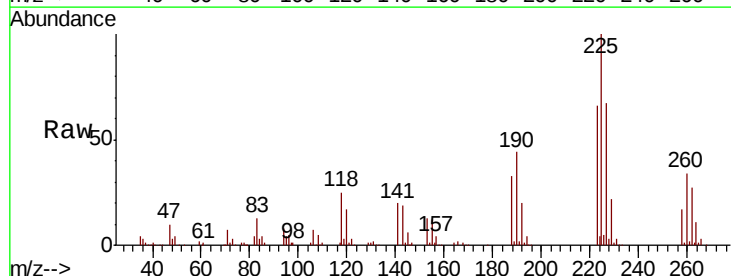
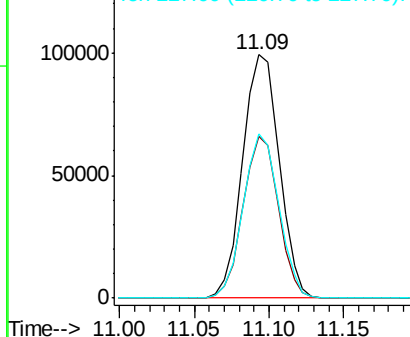
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.2	49.8	74.6		
227	67.2	51.9	77.9		

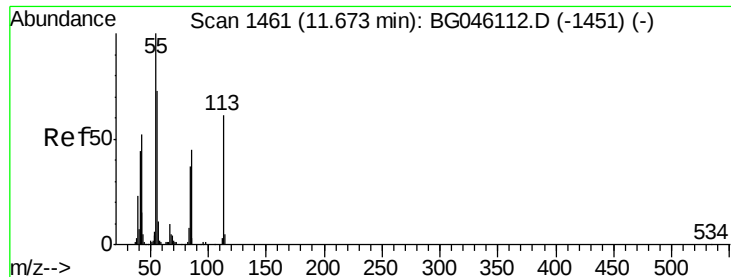
Abundance

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





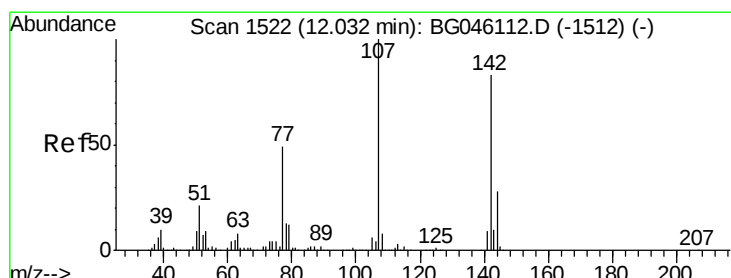
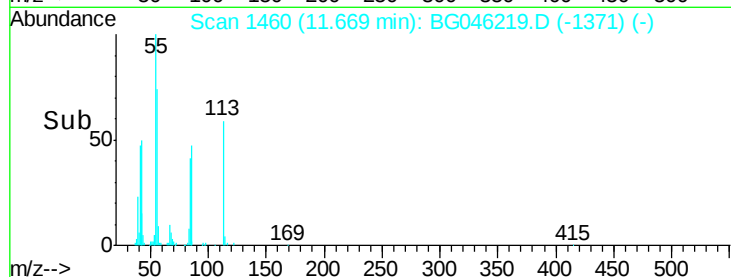
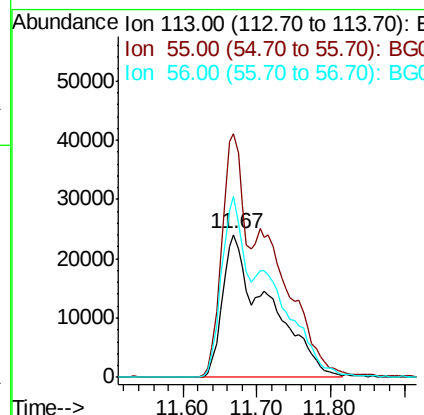
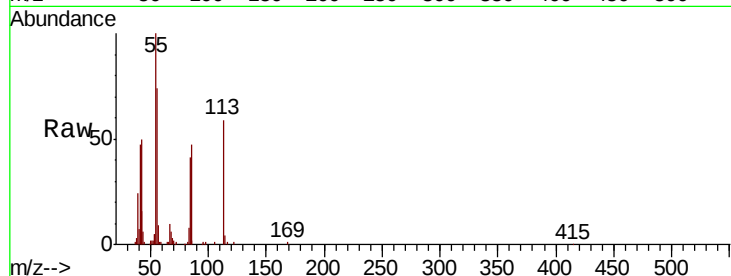
#35
Caprolactam
Concen: 59.080 ng/ml
RT: 11.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	170.4	144.7	184.7		
56	126.5	99.4	139.4		

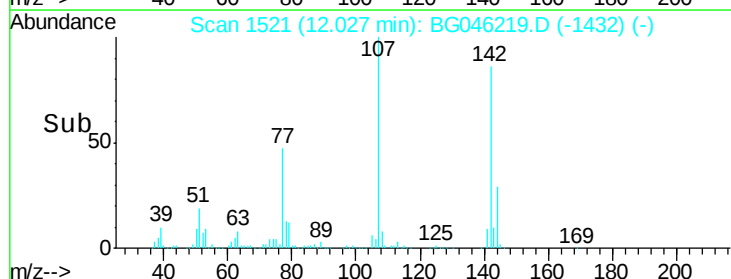
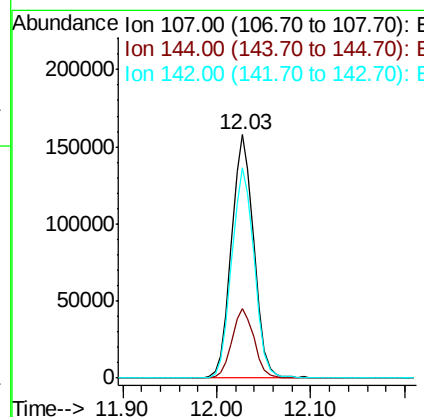
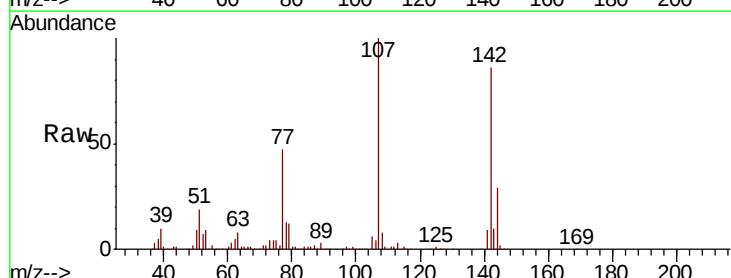
Manual Integrations
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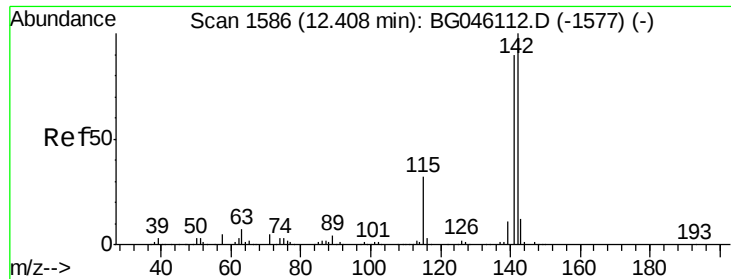
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 49.277 ng/ml
RT: 12.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.7	22.4	33.6		
142	86.3	66.6	100.0		





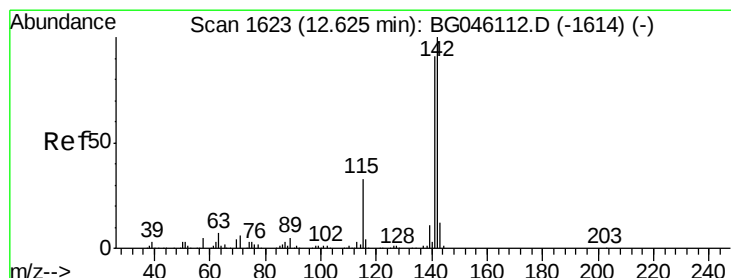
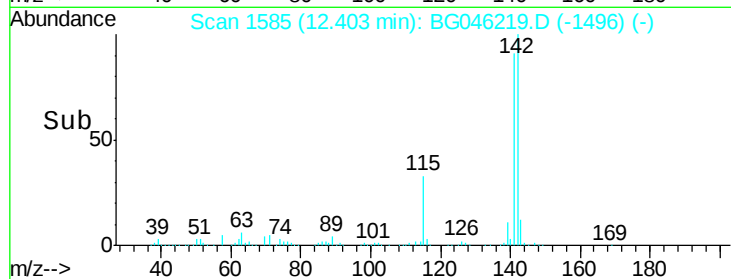
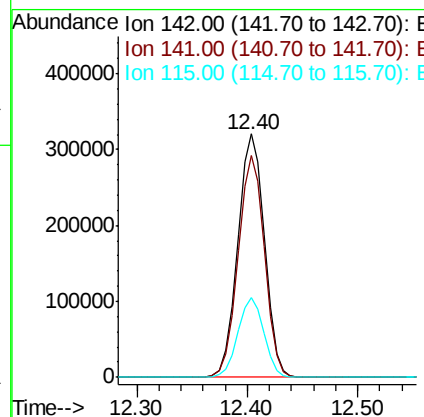
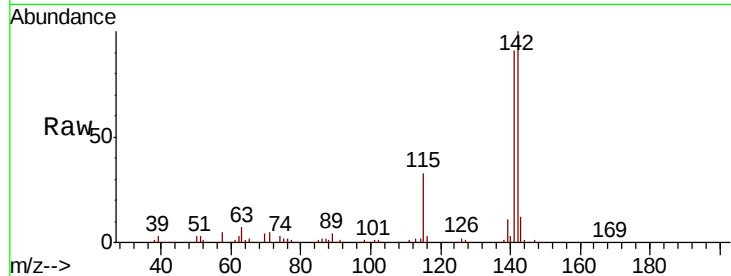
#37
2-Methylnaphthalene
Concen: 42.227 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.7	107.5
115	32.6	25.8	38.8

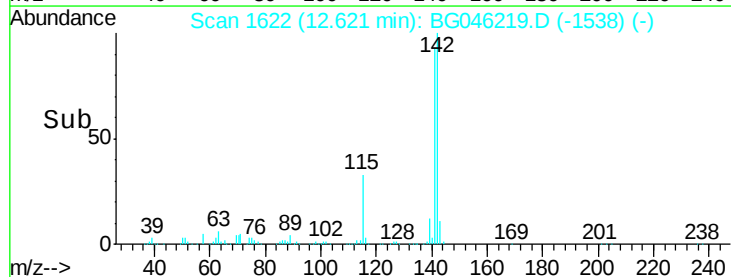
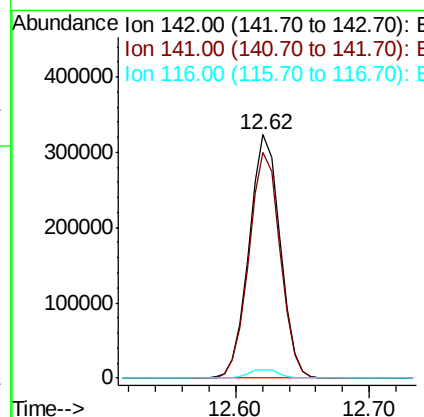
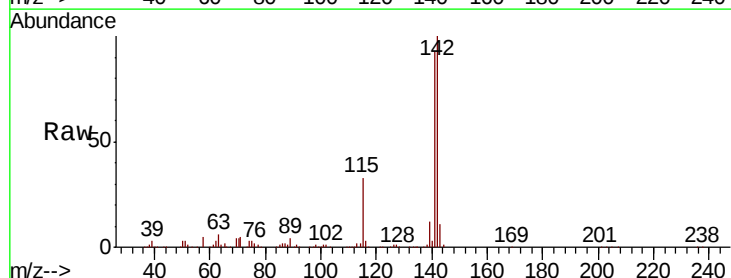
Manual Integrations
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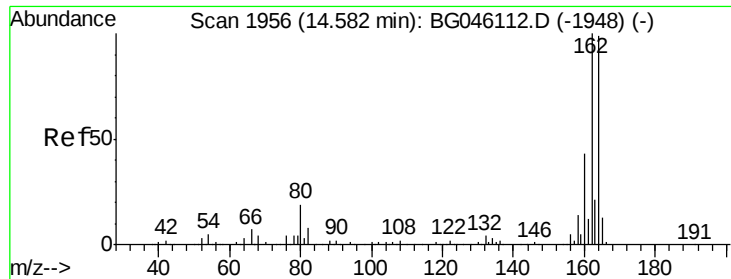
mohammad
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#38
1-Methylnaphthalene
Concen: 42.387 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.0	109.4
116	3.4	2.8	4.2





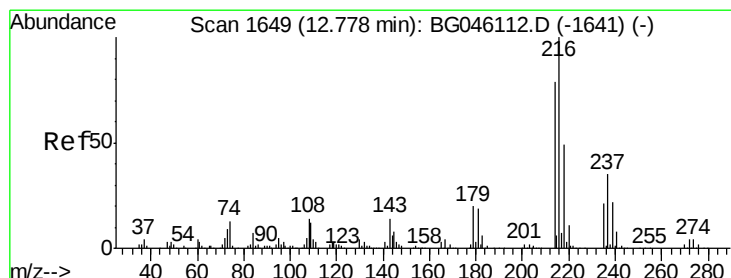
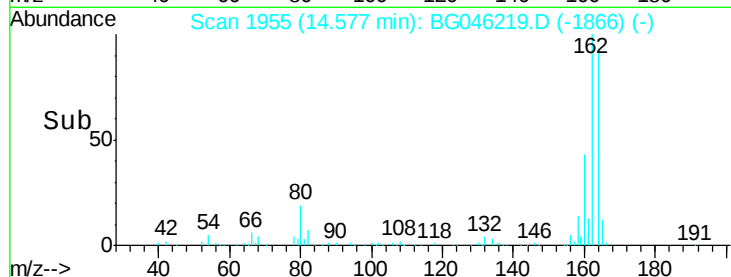
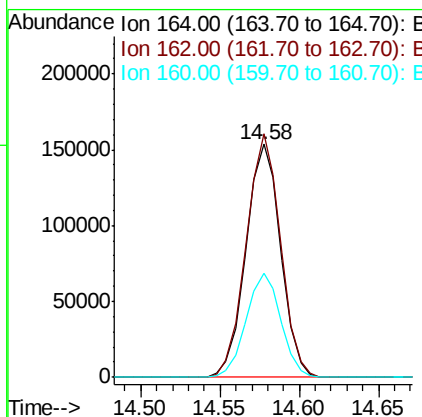
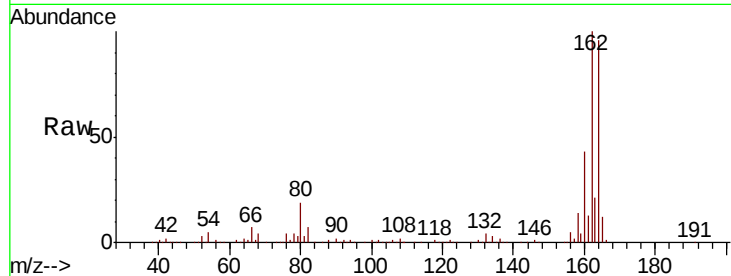
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.6	121.0
160	44.7	34.9	52.3

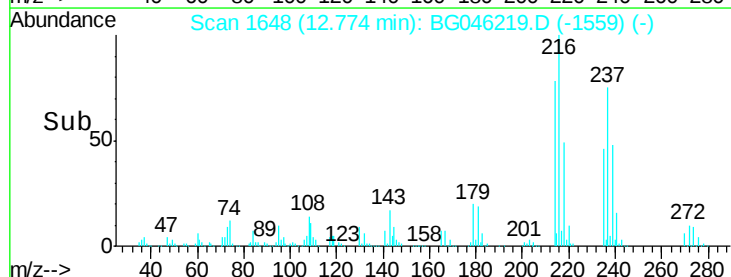
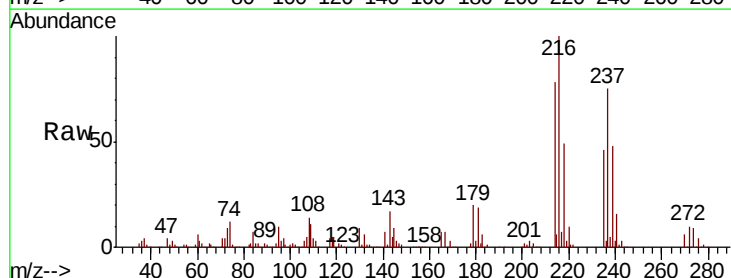
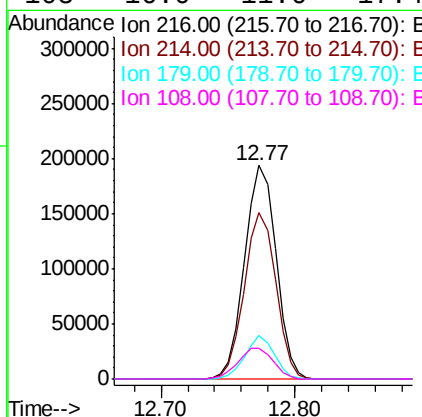
Manual Integrations
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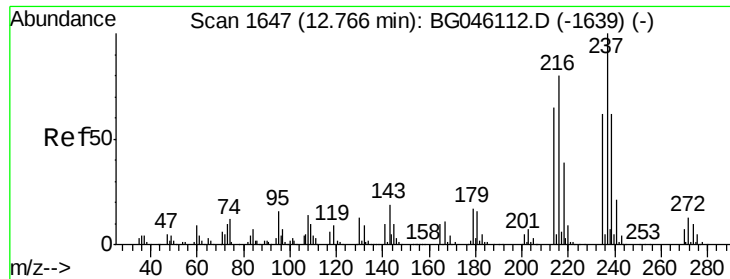
mohammad
8/12/2020 1:48:10 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.693 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.7	94.1
179	18.9	15.0	22.6
108	16.0	11.6	17.4





#41

Hexachlorocyclopentadiene

Concen: 89.685 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

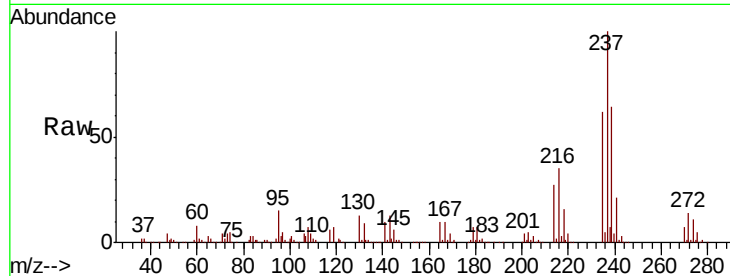
ClientSampleId :

SS-TP-1MS

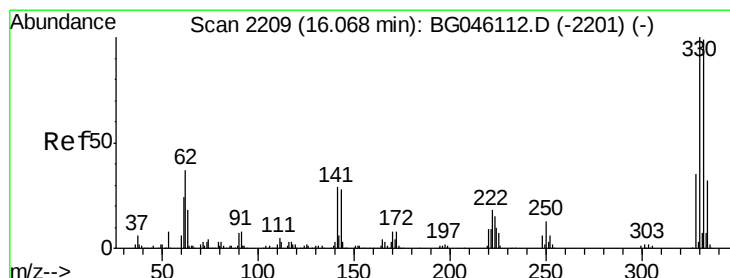
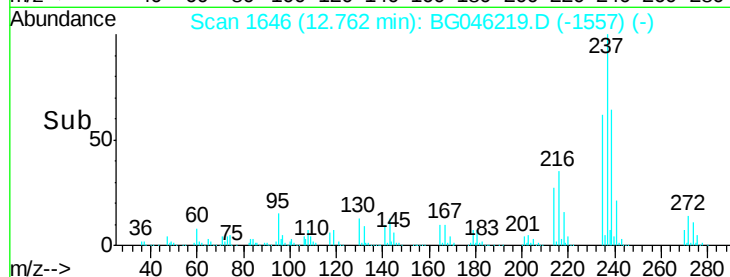
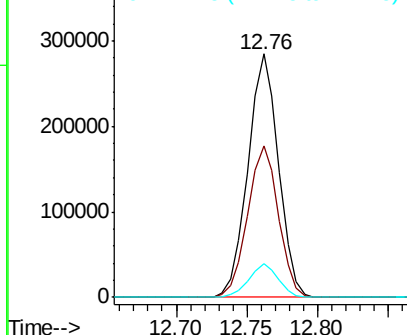
Tot Ion:	237	Resp:	431197
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.3	82.3
272	13.9	0.0	32.7

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 89.370 ng

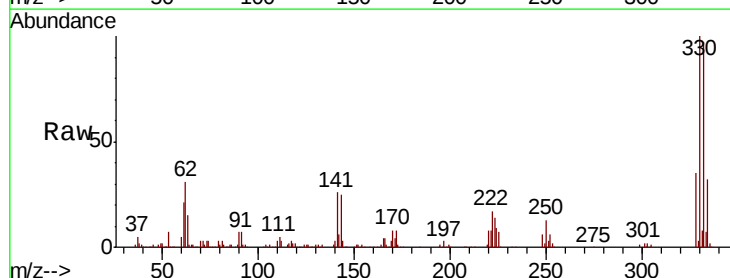
RT: 16.06 min Scan# 2208

Delta R.T. -0.00 min

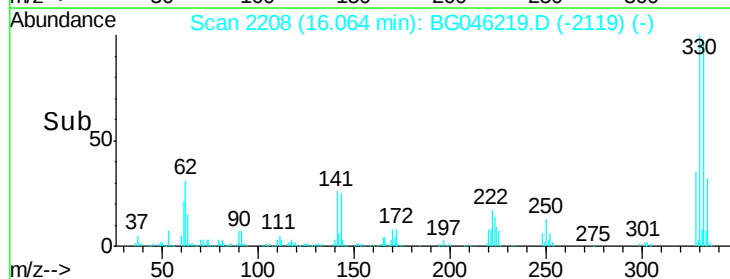
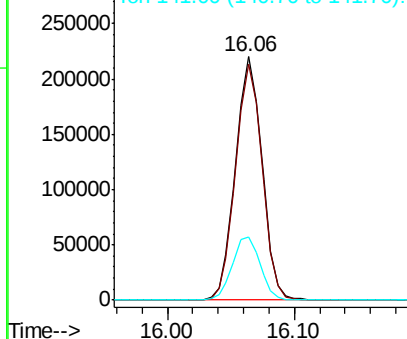
Lab File: BG046219.D

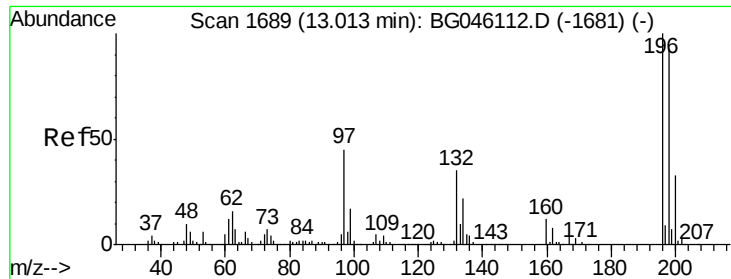
Acq: 11 Aug 2020 16:05

Tgt Ion:	330	Resp:	319347
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.2
141	27.2	23.4	35.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





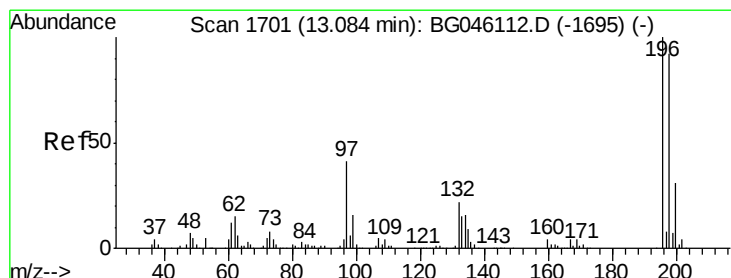
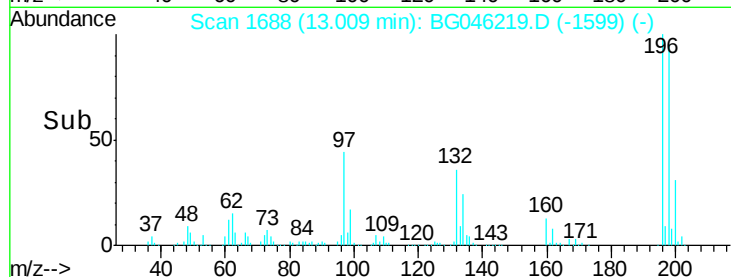
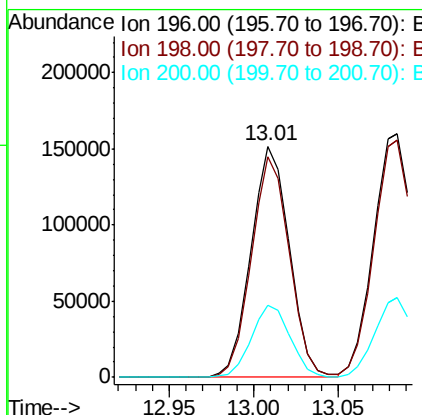
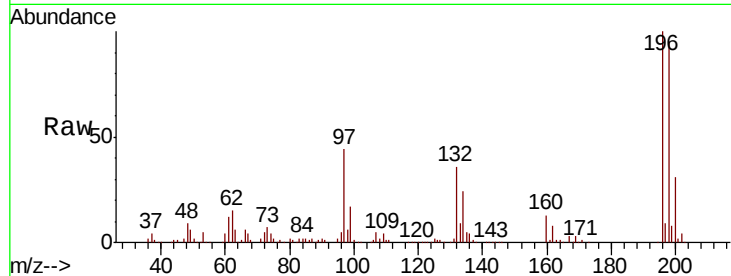
#43
 2,4,6-Trichlorophenol
 Concen: 44.846 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	239825		
198	95.4	74.2	111.4	
200	31.3	26.0	39.0	

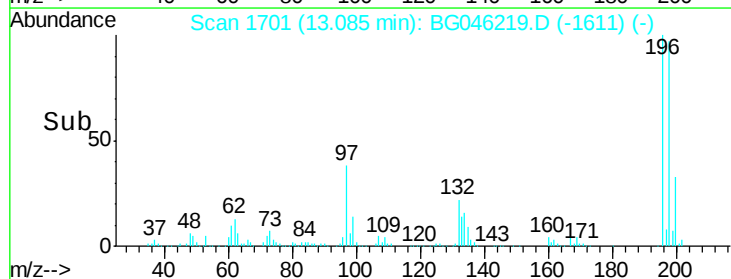
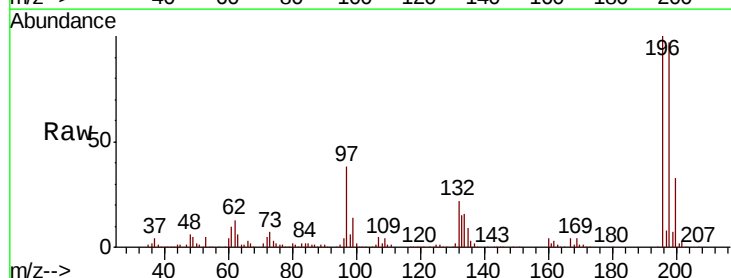
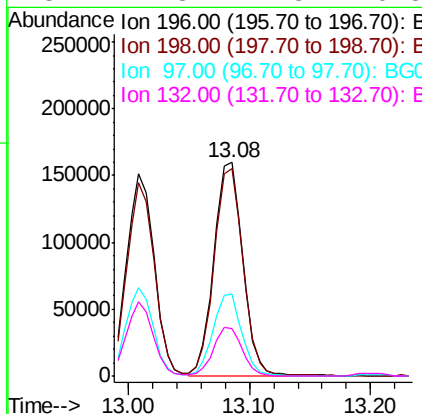
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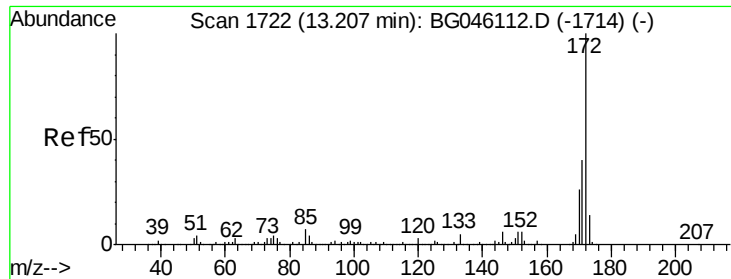
mohammad
 8/12/2020 1:48:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.287 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264243		
198	97.4	73.9	110.9	
97	38.1	32.7	49.1	
132	22.3	17.8	26.8	





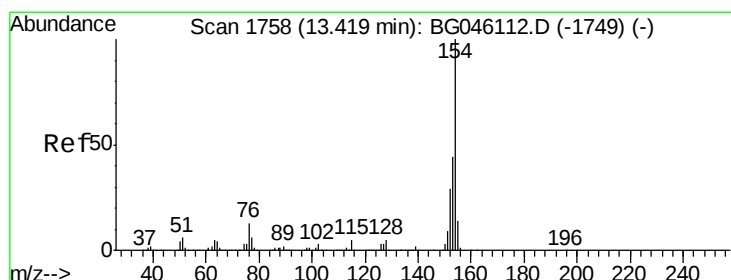
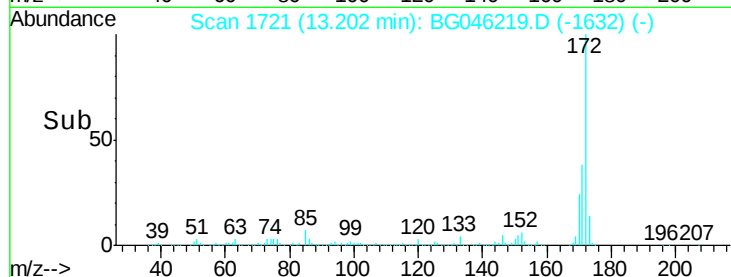
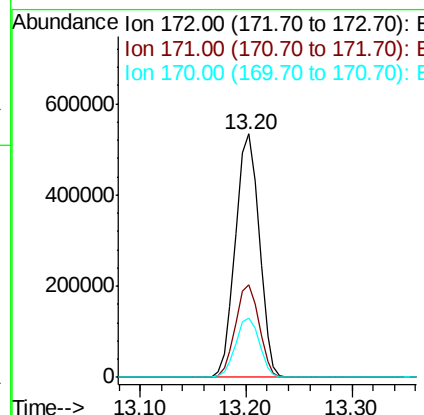
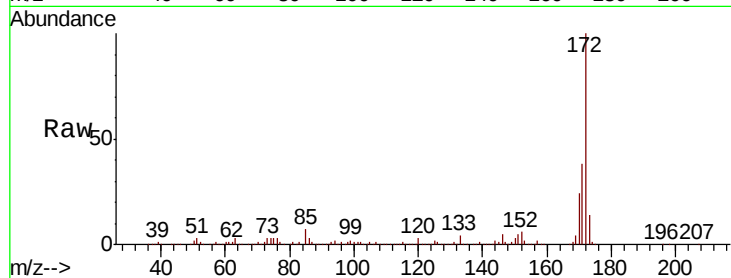
#45
 2-Fluorobiphenyl
 Concen: 51.993 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.7	47.5
170	24.3	20.9	31.3

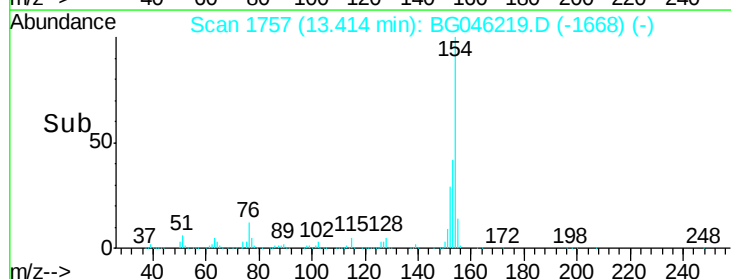
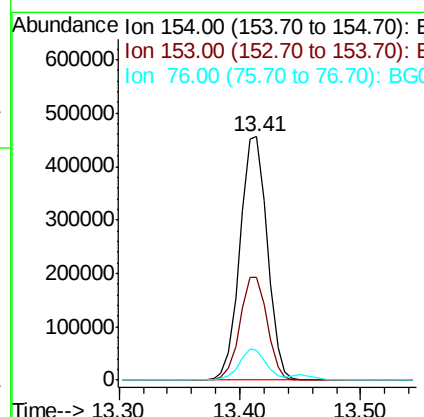
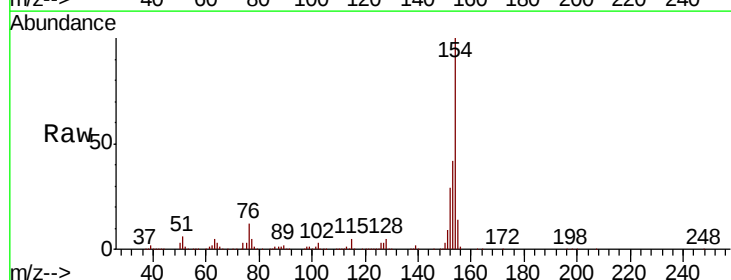
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#46
 1,1'-Biphenyl
 Concen: 39.384 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.7	63.7
76	12.1	0.0	32.9





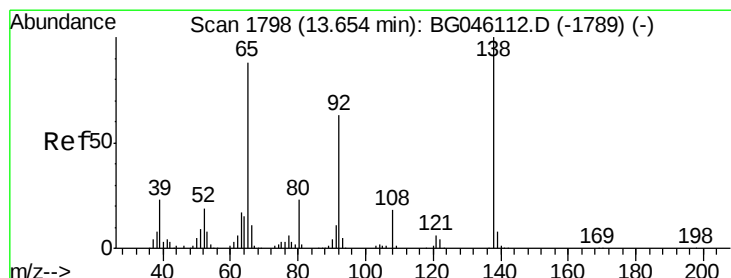
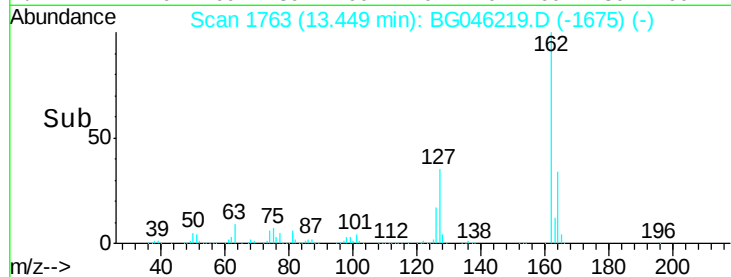
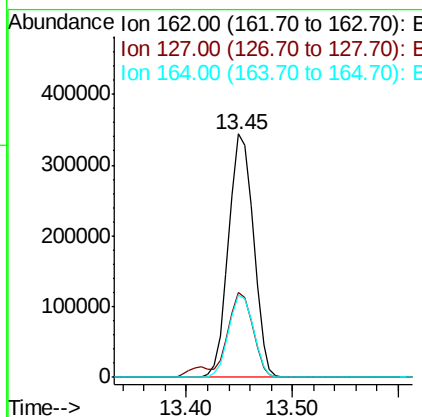
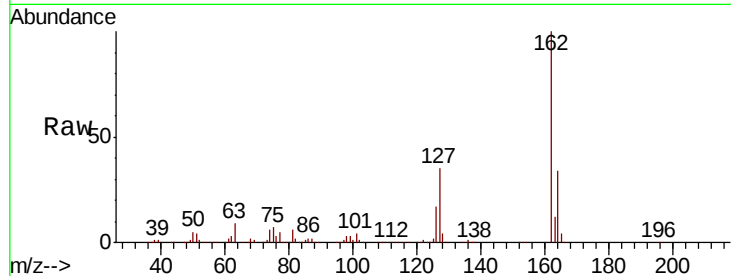
#47
2-Chloronaphthalene
Concen: 38.547 ng
RT: 13.45 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.0	42.0
164	34.0	26.5	39.7

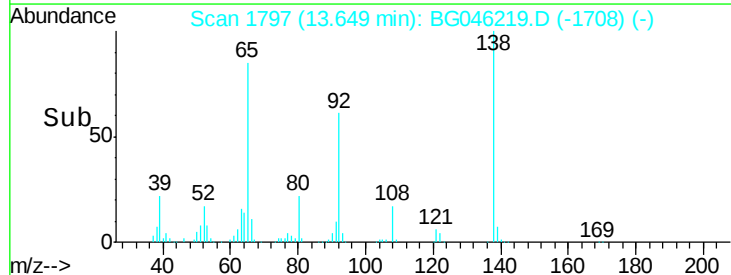
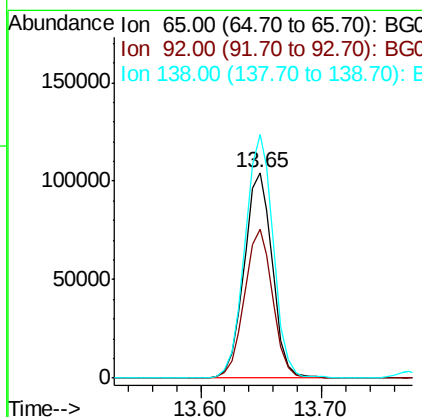
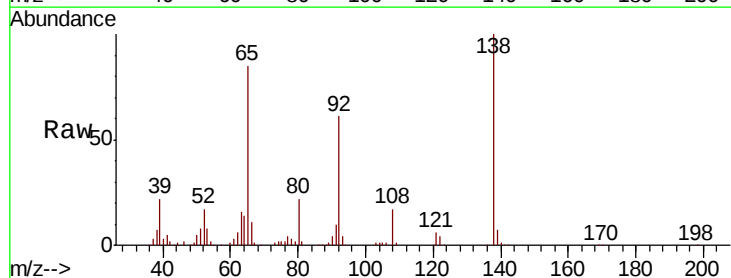
Manual Integrations
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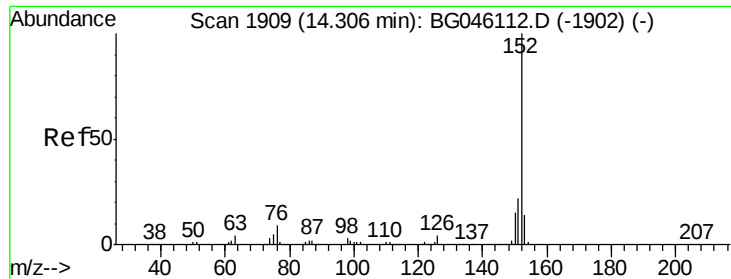
mohammad
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#48
2-Nitroaniline
Concen: 44.532 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	57.4	86.2
138	118.3	91.1	136.7





#49

Acenaphthylene

Concen: 40.425 ng

RT: 14.30 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

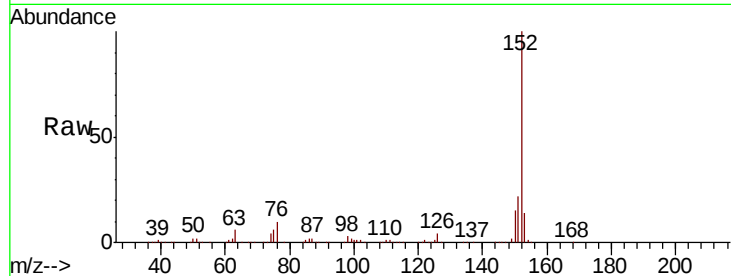
ClientSampleId :

SS-TP-1MS

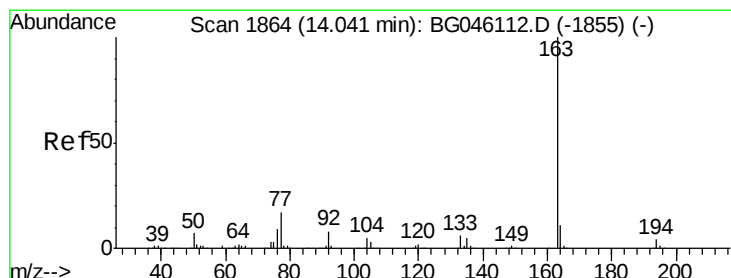
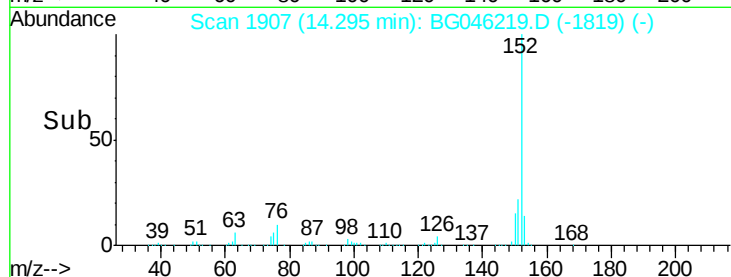
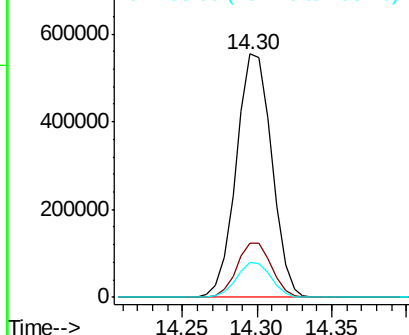
Tot Ion:	152	Resp:	913795
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.4	26.2
153	14.5	10.9	16.3

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.301 ng

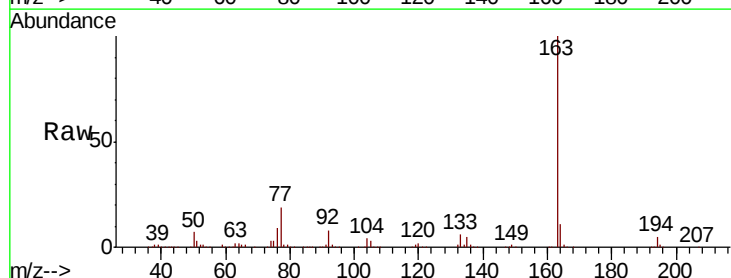
RT: 14.03 min Scan# 1862

Delta R.T. -0.01 min

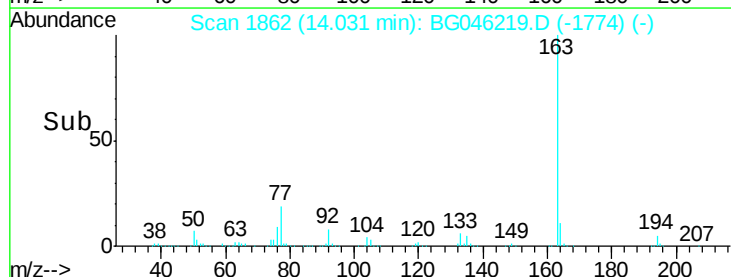
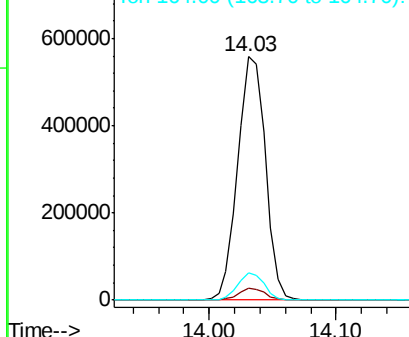
Lab File: BG046219.D

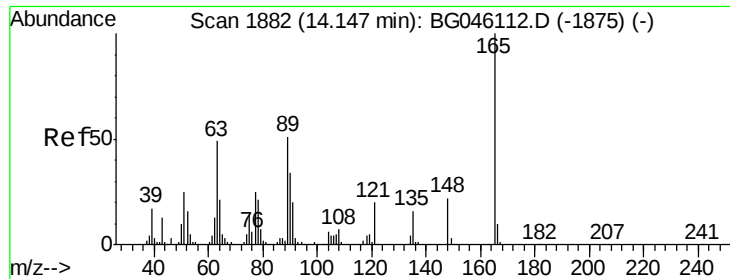
Acq: 11 Aug 2020 16:05

Tgt Ion:	163	Resp:	844588
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.5	5.3
164	11.3	8.8	13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





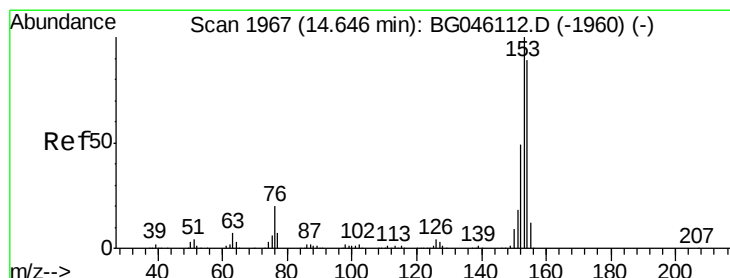
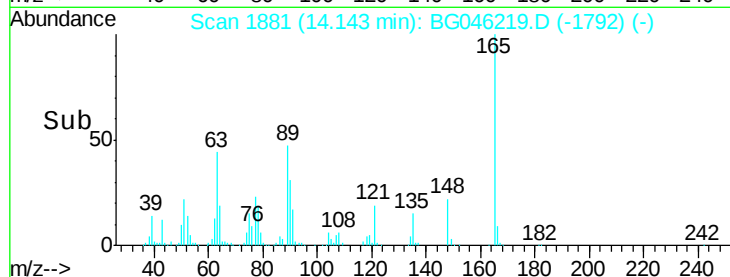
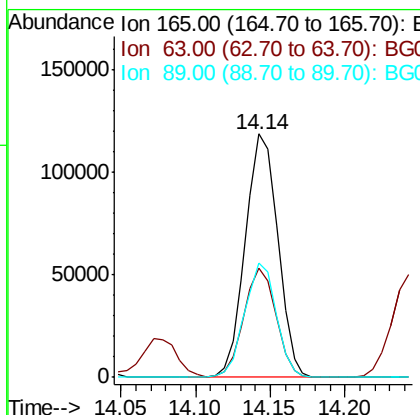
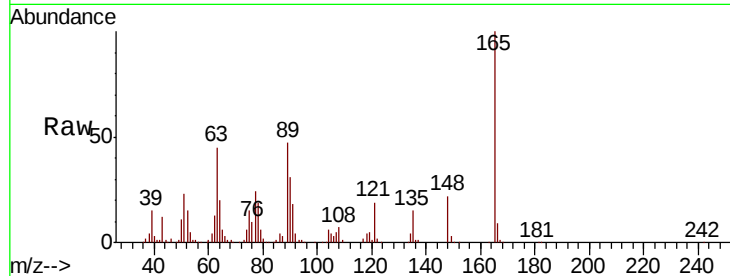
#51
 2,6-Dinitrotoluene
 Concen: 42.958 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	178514		
63	44.8		39.7	59.5
89	47.1		41.0	61.6

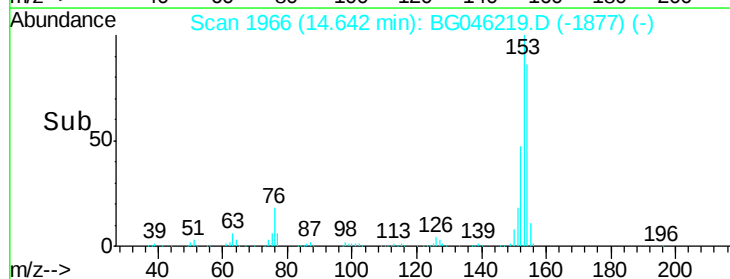
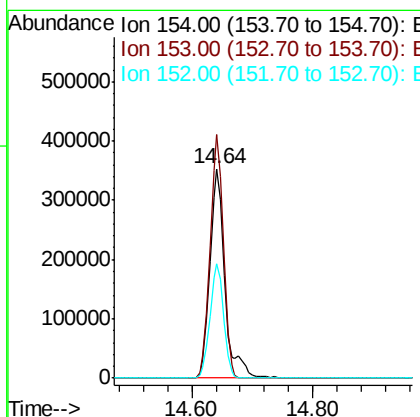
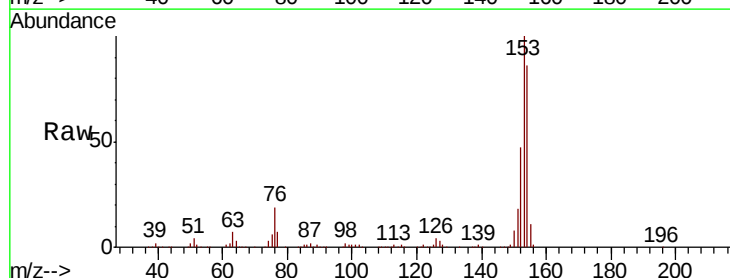
Manual Integrations
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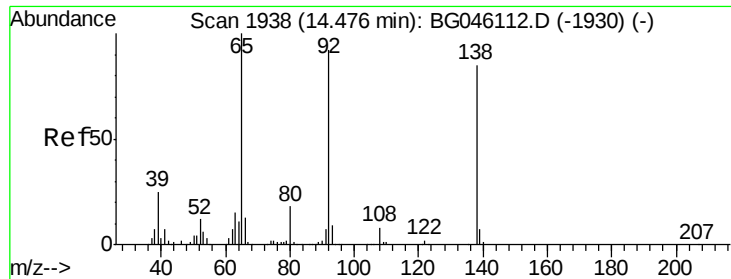
mohammad
 8/12/2020 1:48:10 PM



#52
 Acenaphthene
 Concen: 41.085 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	612944		
153	116.4		89.8	134.8
152	54.9		44.5	66.7





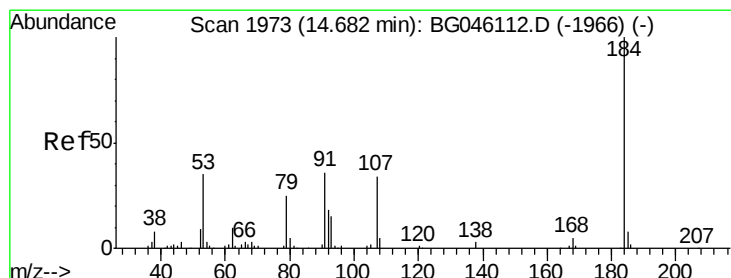
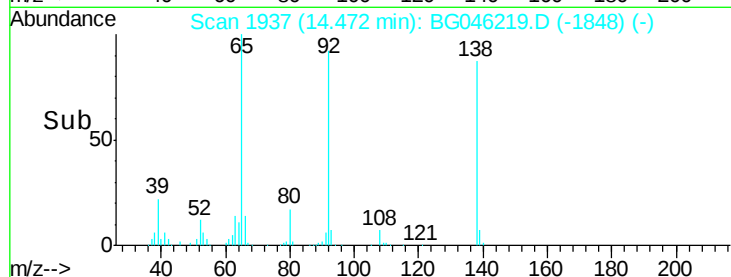
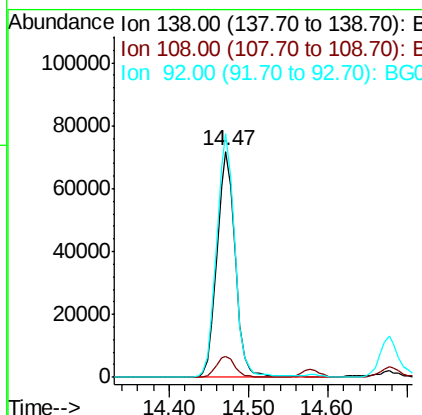
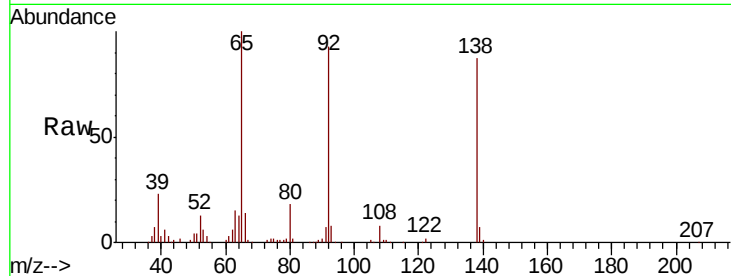
#53
3-Nitroaniline
Concen: 27.933 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.2	10.8
92	107.8	87.5	131.3

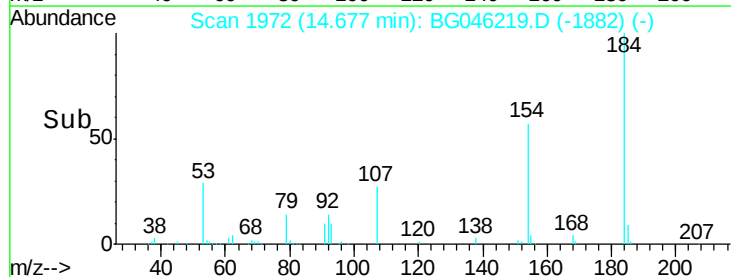
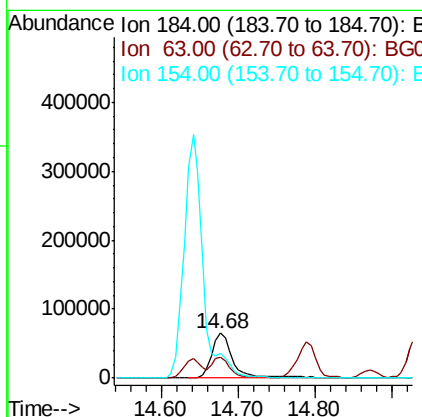
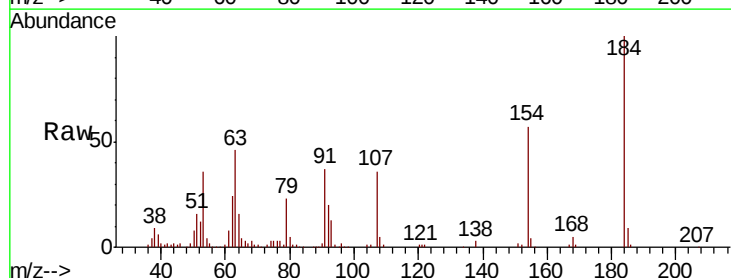
Manual Integrations
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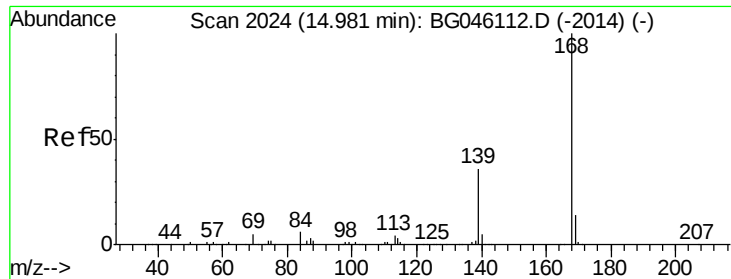
mohammad
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#54
2,4-Dinitrophenol
Concen: 50.095 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.1	36.7	55.1
154	56.6	41.3	61.9





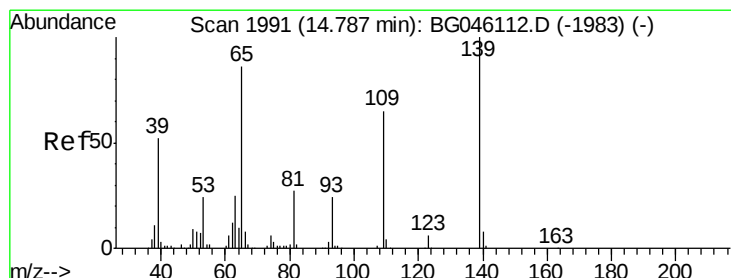
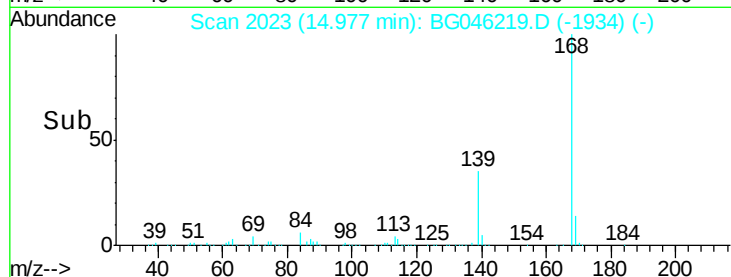
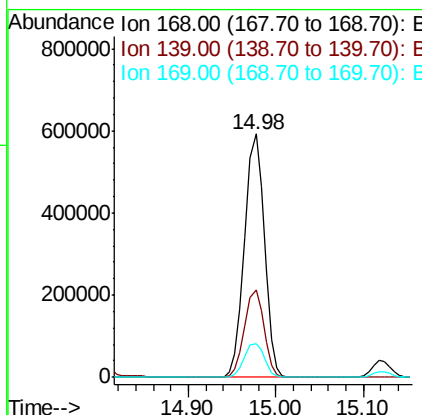
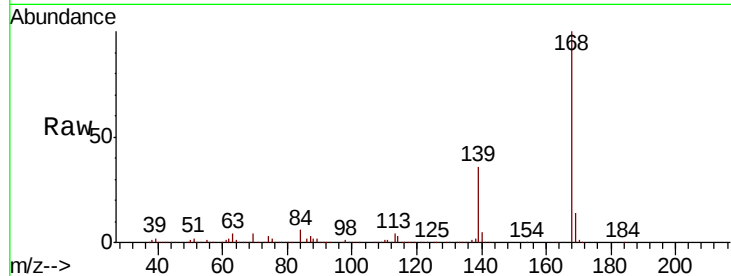
#55
Dibenzenofuran
Concen: 40.051 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.0	43.4
169	13.9	11.3	16.9

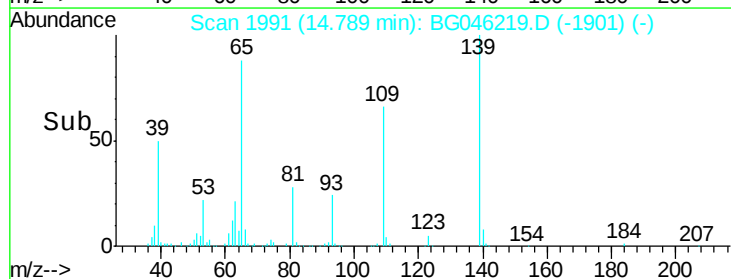
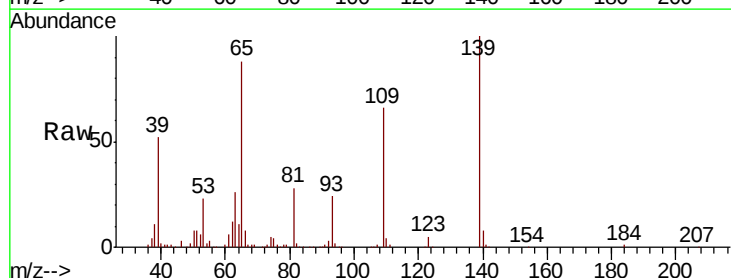
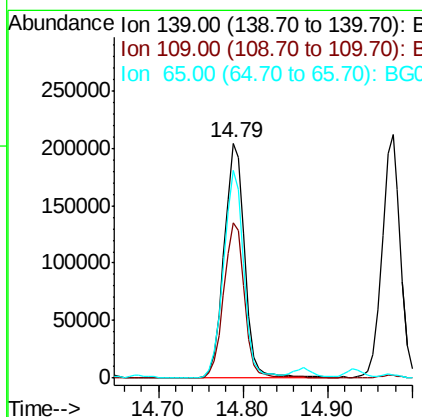
Manual Integrations
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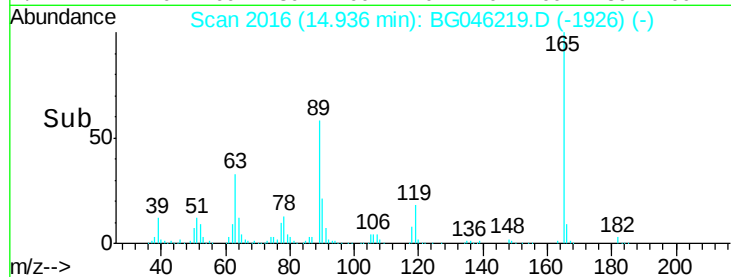
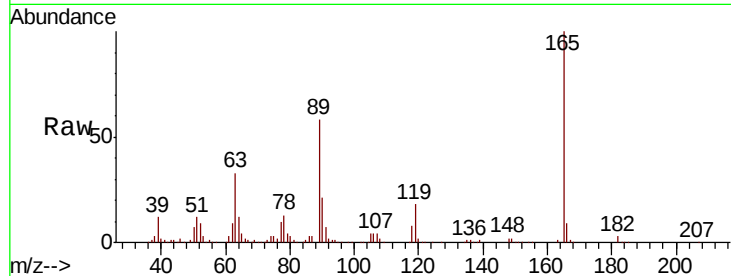
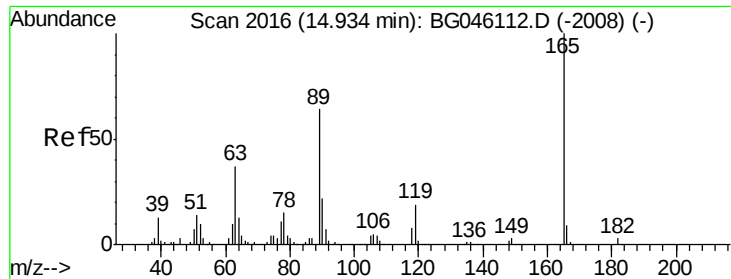
mohammad
8/12/2020 1:48:10 PM



#56
4-Nitrophenol
Concen: 96.526 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.2	45.1	85.1
65	88.4	66.4	106.4





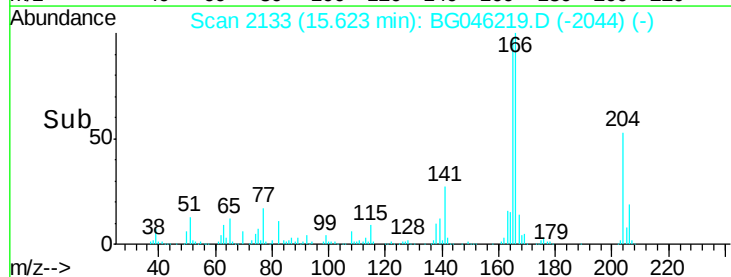
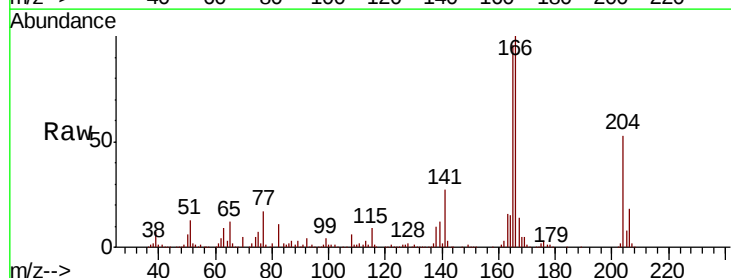
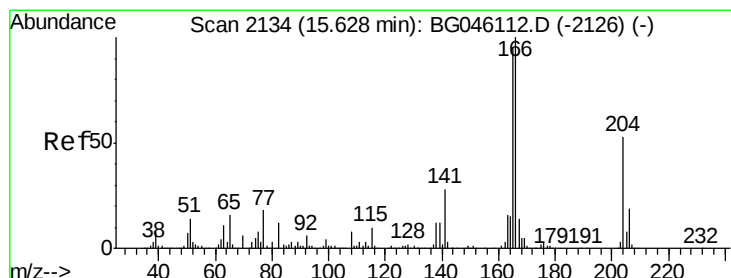
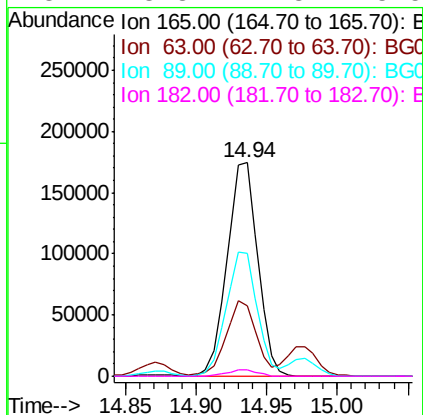
#57
2,4-Dinitrotoluene
Concen: 46.215 ng
RT: 14.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	264048		
63	33.2		30.1	45.1
89	57.6		51.4	77.2
182	3.3		2.3	3.5

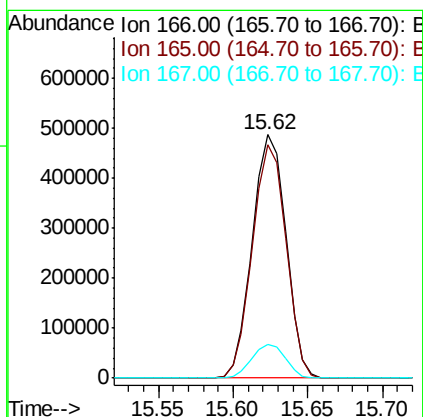
Manual Integrations
APPROVED

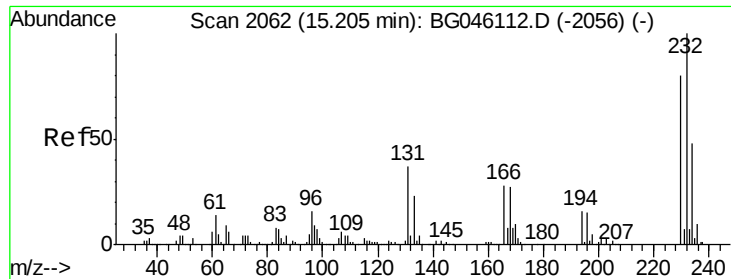
mohammad
8/12/2020 1:48:10 PM



#58
Fluorene
Concen: 41.770 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	761491		
165	95.9		76.3	114.5
167	14.1		11.0	16.6





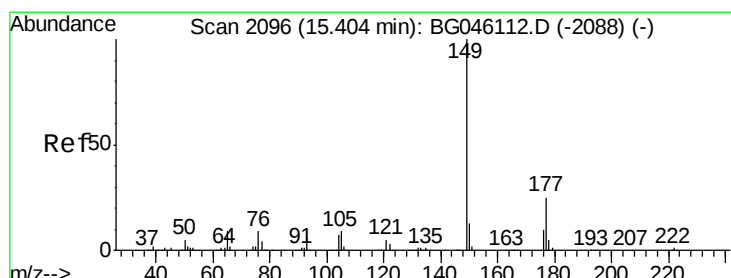
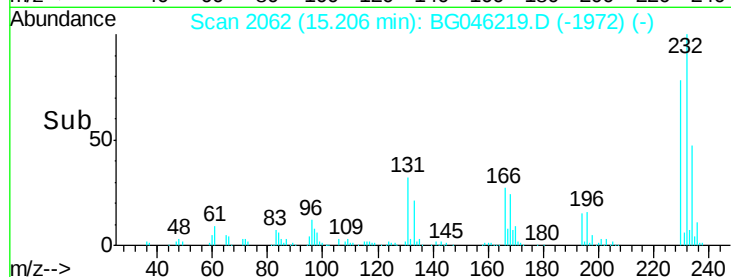
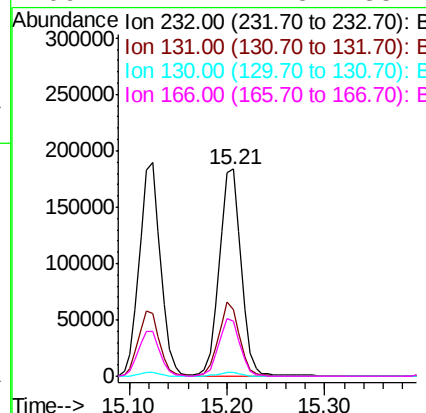
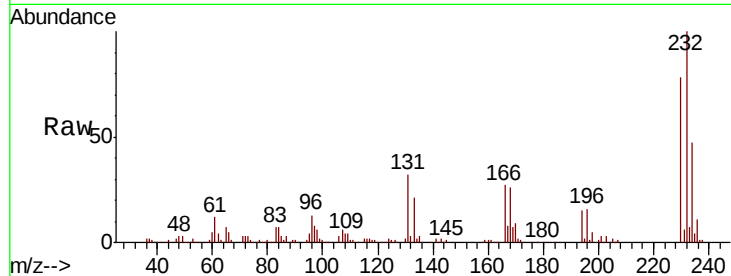
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.610 ng
RT: 15.21 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	283651		
131	34.1	28.6	42.8	
130	1.8	1.6	2.4	
166	27.1	22.5	33.7	

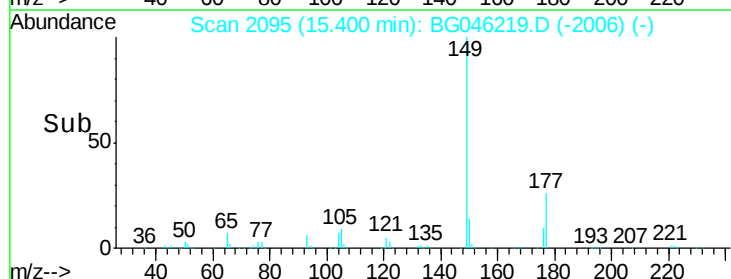
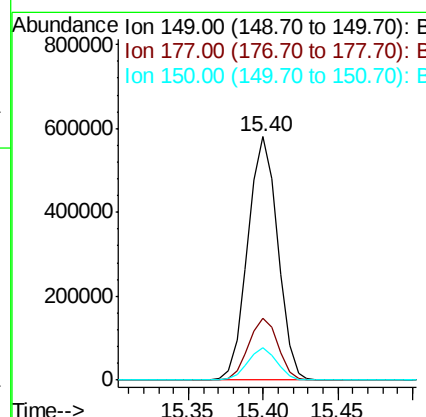
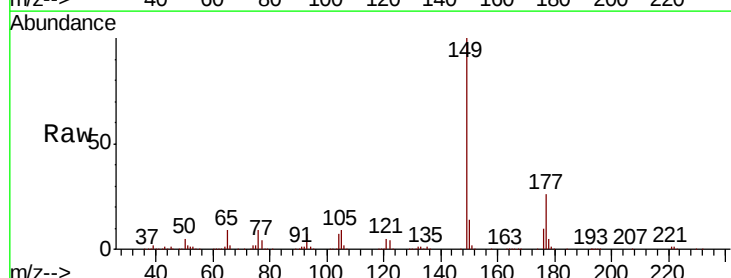
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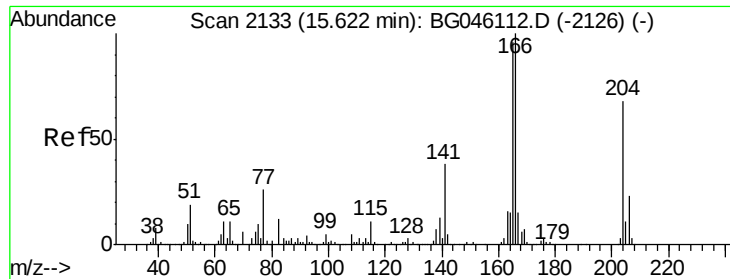
mohammad
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#60
Diethylphthalate
Concen: 45.735 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	803321		
177	25.6	19.7	29.5	
150	13.5	10.8	16.2	





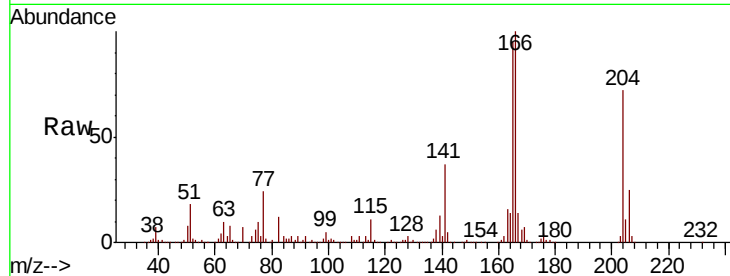
#61
4-Chlorophenyl-phenylether
Concen: 43.743 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.1	27.7	41.5	
141	51.5	44.7	67.1	

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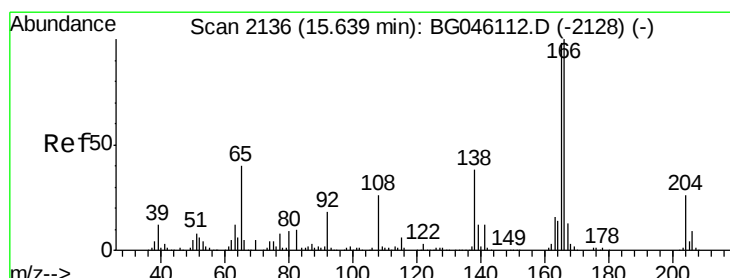
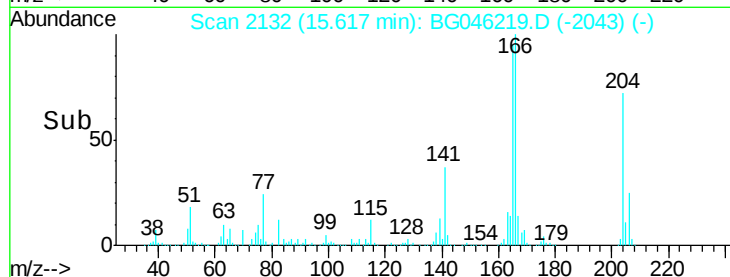
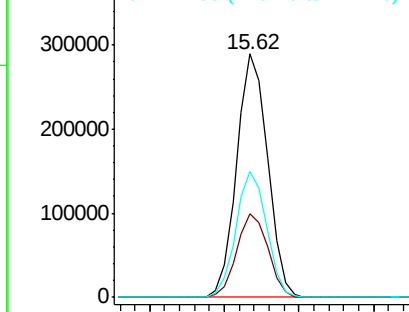


Abundance

Ion 204.00 (203.70 to 204.70): E

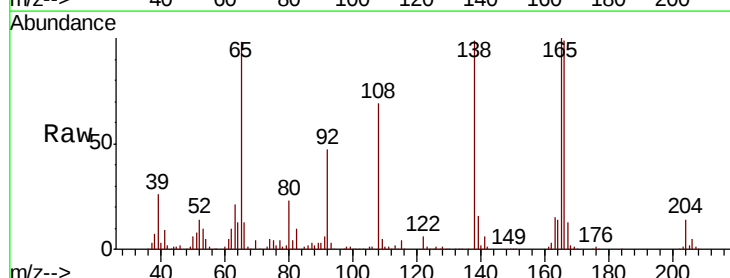
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.951 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	47.2	28.3	68.3	
108	69.1	49.2	89.2	

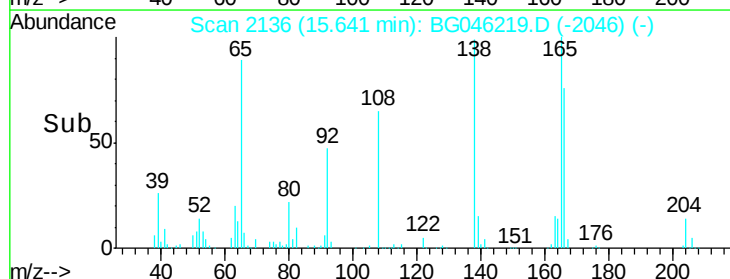
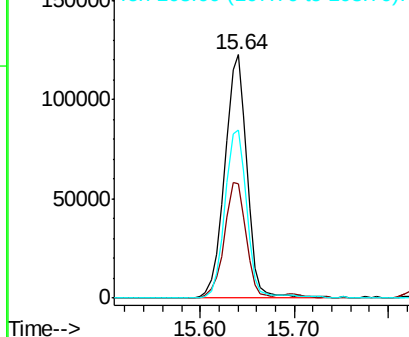


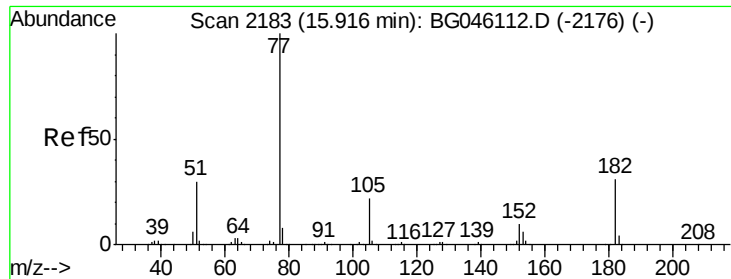
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





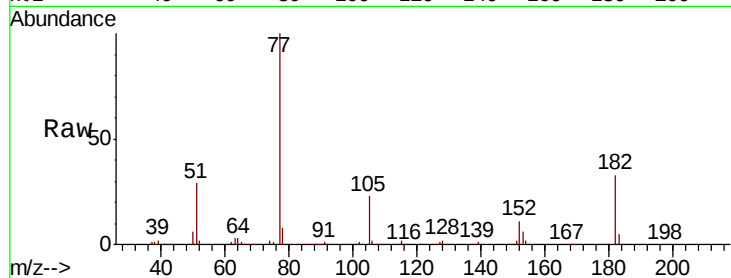
#63
Azobenzene
Concen: 41.264 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

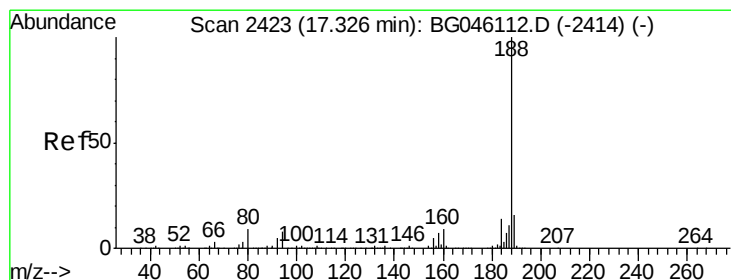
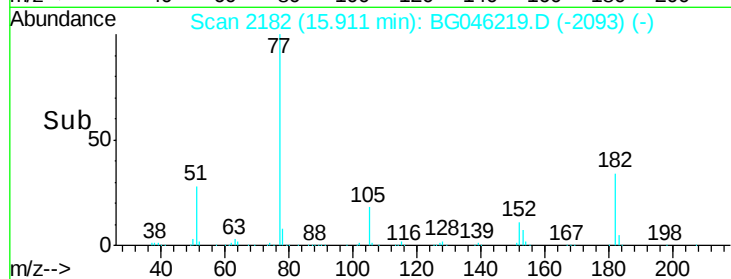
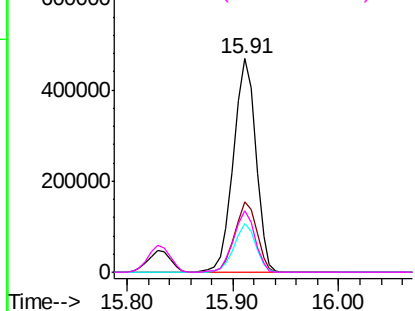
Tot Ion:	77	Resp:	679271
Ion	Ratio	Lower	Upper
77	100		
182	33.2	10.7	50.7
105	22.6	1.9	41.9
51	28.6	9.5	49.5

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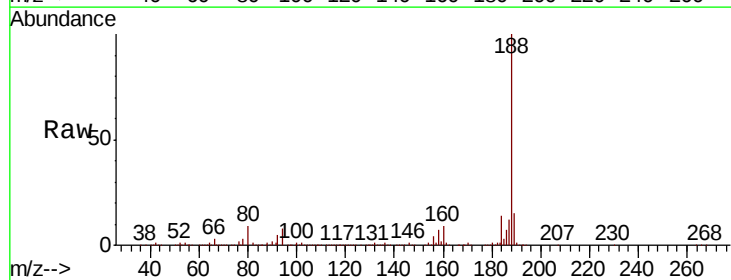


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

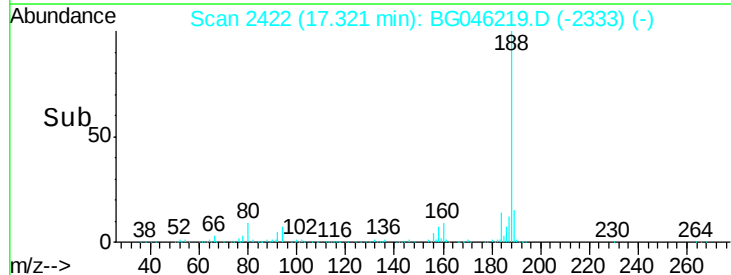
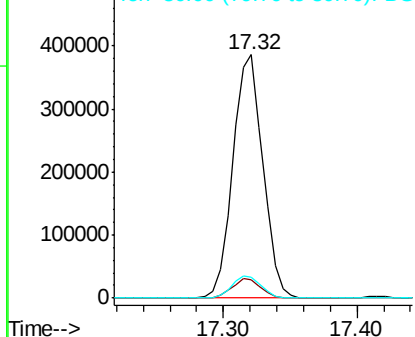


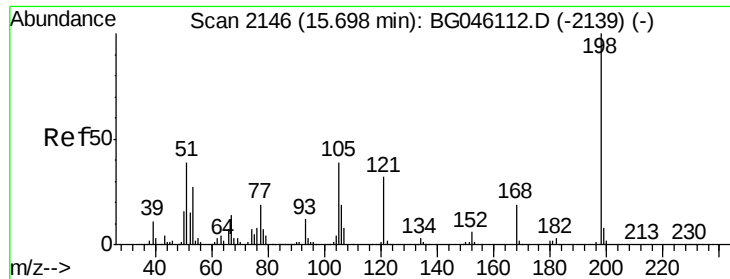
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion:	188	Resp:	601206
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.4	9.6
80	8.6	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





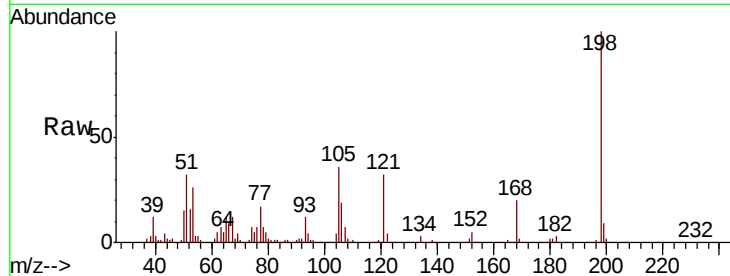
#65
4,6-Dinitro-2-methylphenol
Concen: 35.786 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

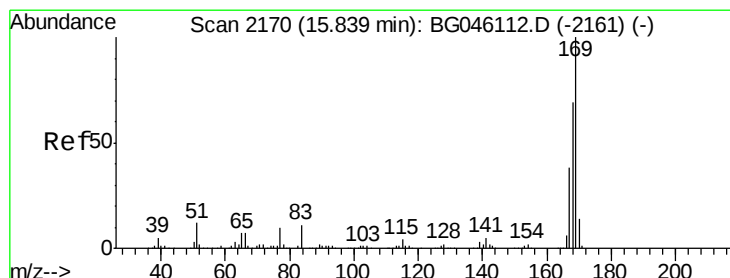
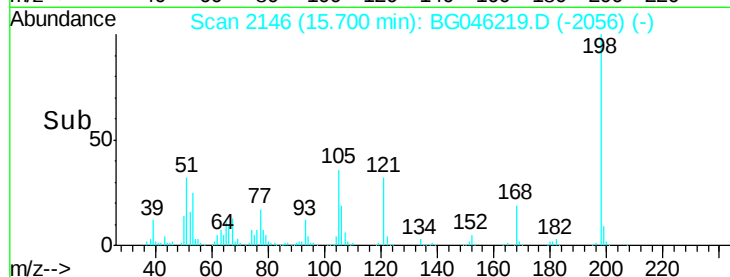
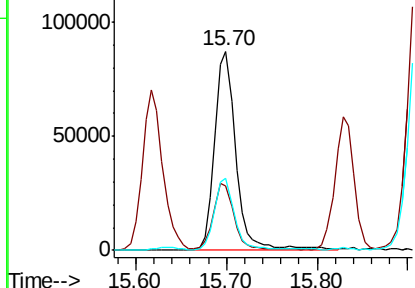
Tot Ion	Ratio	Lower	Upper
198	100		
51	32.1	20.1	60.1
105	35.9	19.2	59.2

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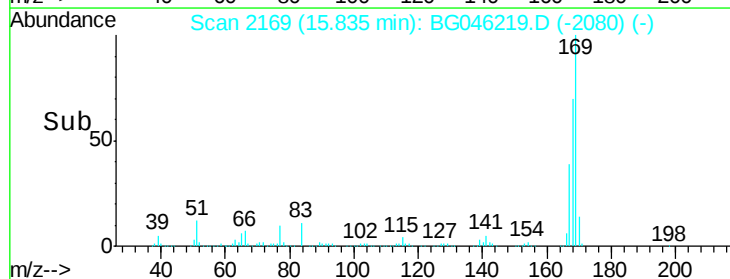
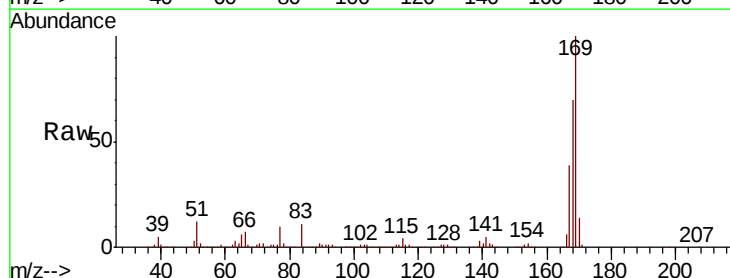
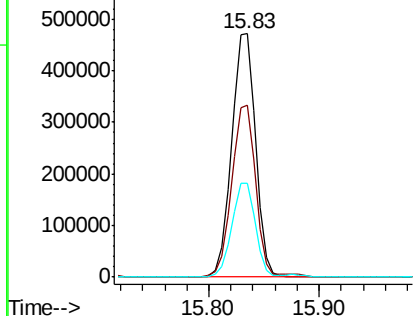
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

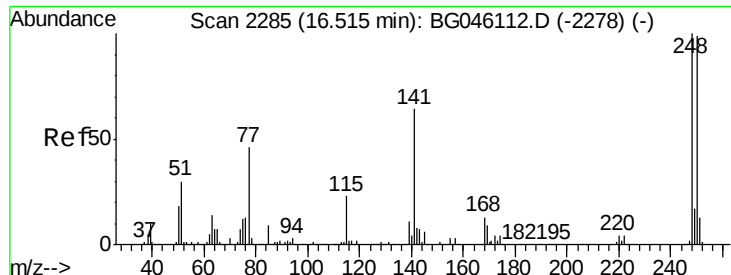


#66
n-Nitrosodiphenylamine
Concen: 39.406 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	55.1	82.7
167	38.8	30.5	45.7

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





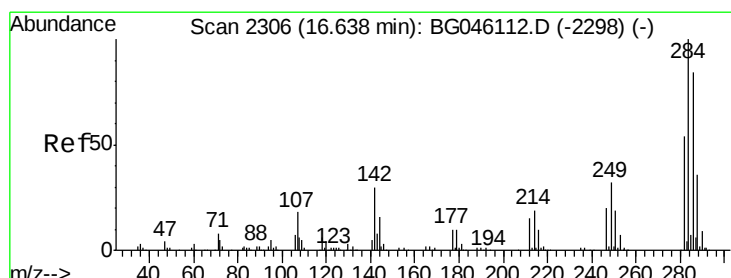
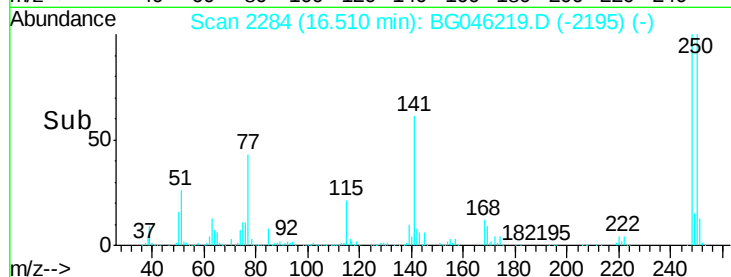
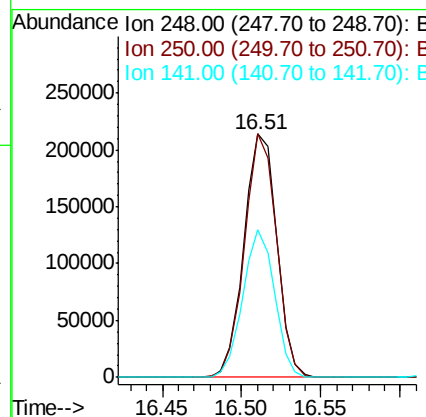
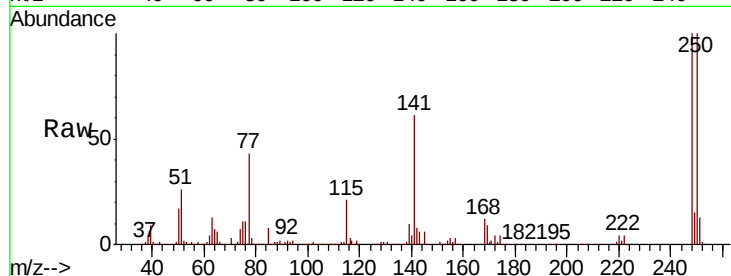
#67
 4-Bromophenyl-phenylether
 Concen: 41.510 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	79.4	119.0
141	60.6	50.9	76.3

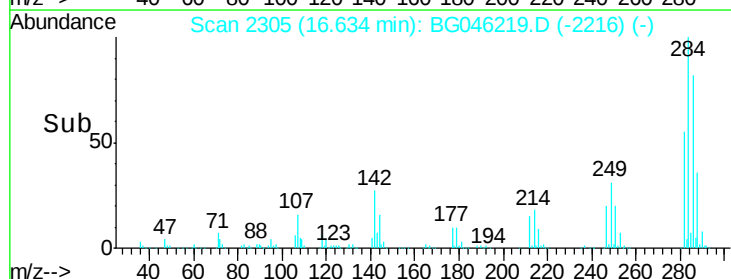
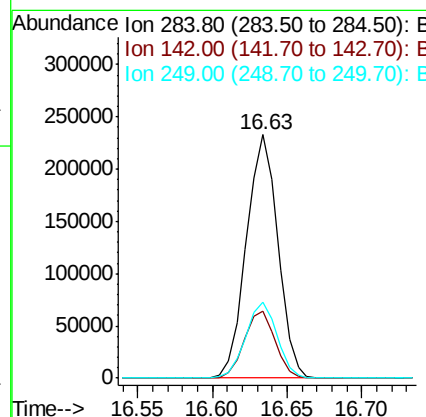
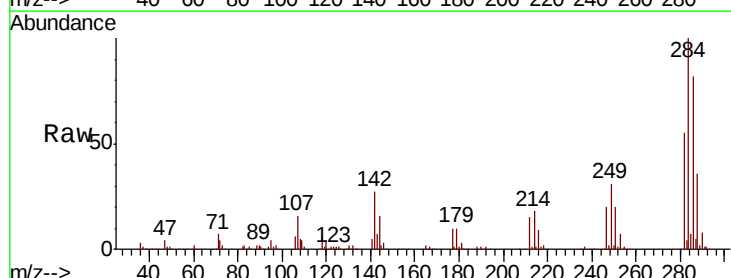
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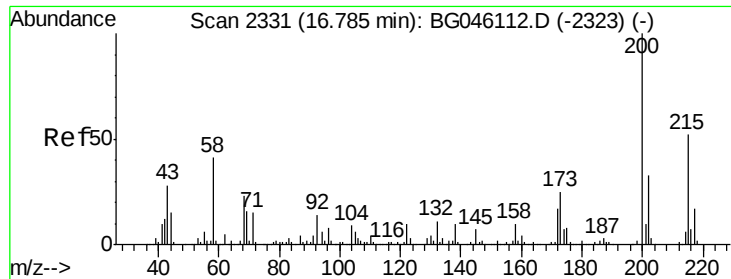
mohammad
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#68
 Hexachlorobenzene
 Concen: 40.769 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	23.6	35.4
249	31.0	25.3	37.9





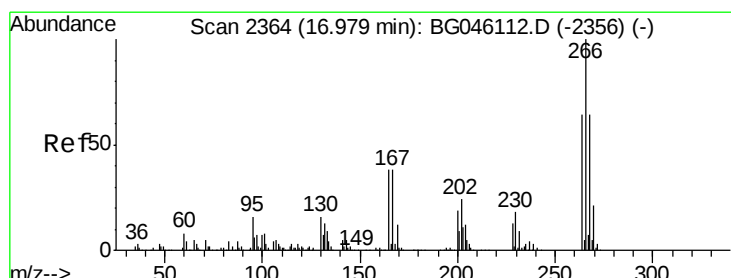
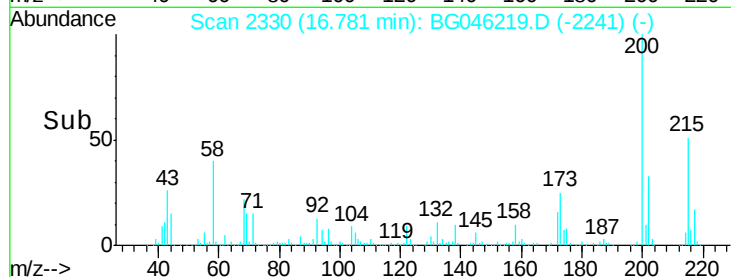
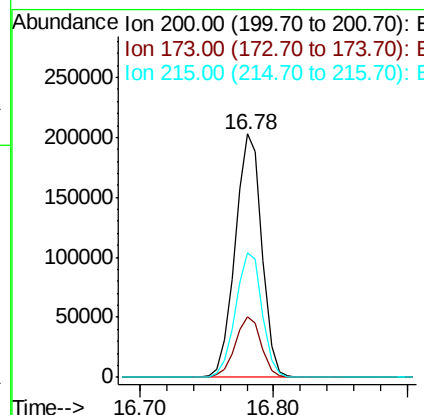
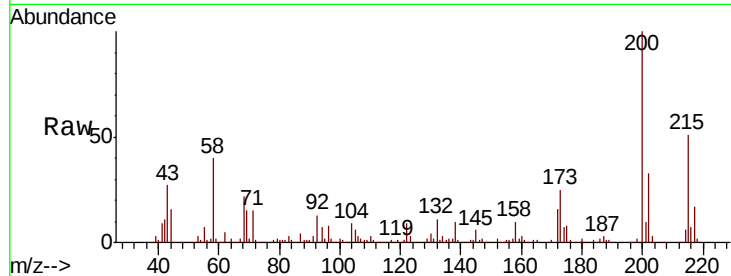
#69
 Atrazine
 Concen: 40.221 ng
 RT: 16.78 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.1	5.3	45.3
215	51.4	31.5	71.5

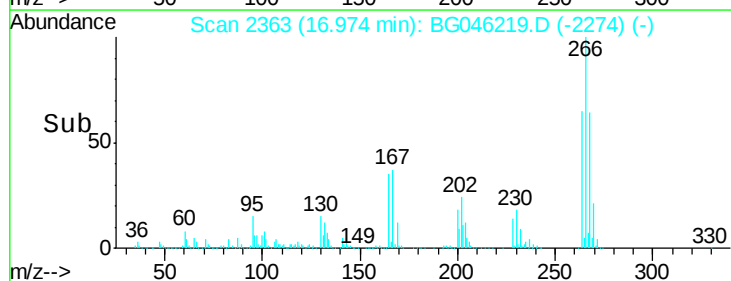
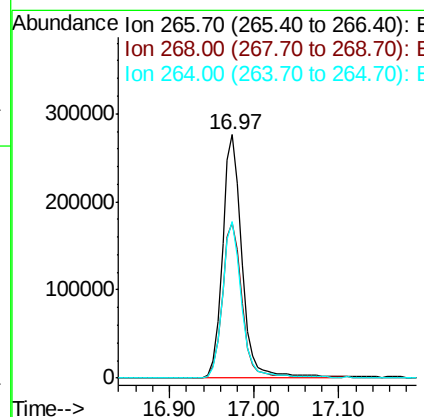
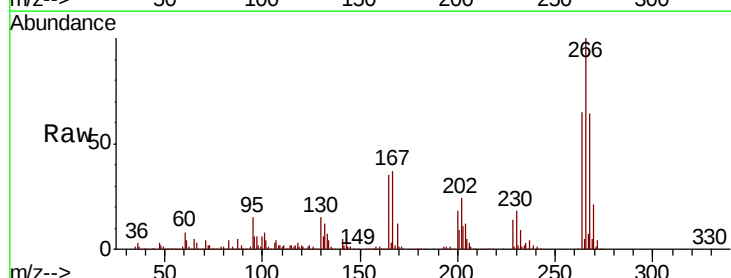
Manual Integrations
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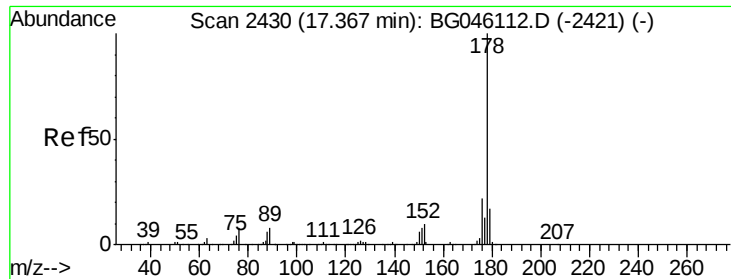
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#70
 Pentachlorophenol
 Concen: 83.021 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	51.2	76.8
264	64.5	51.1	76.7





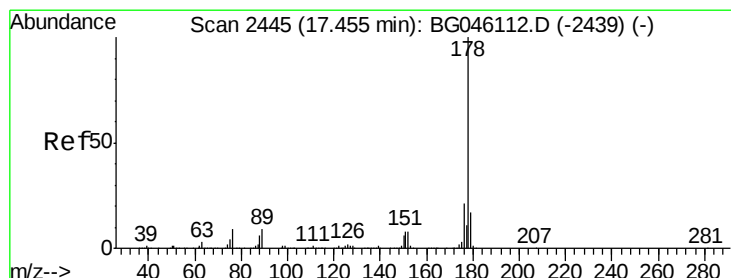
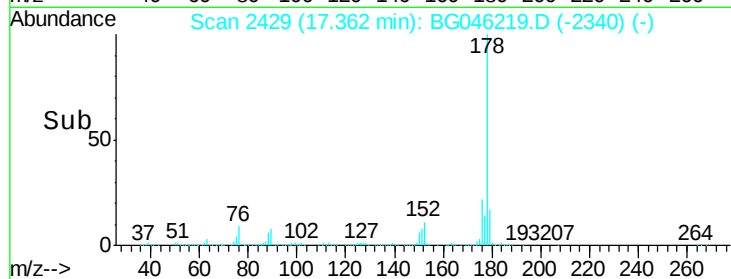
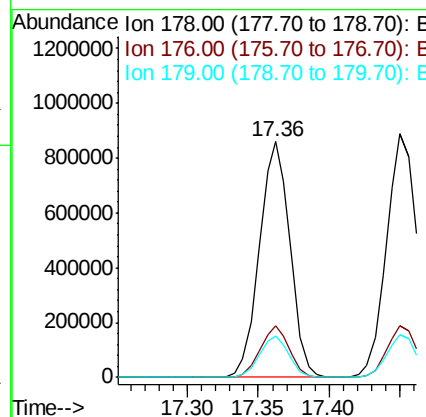
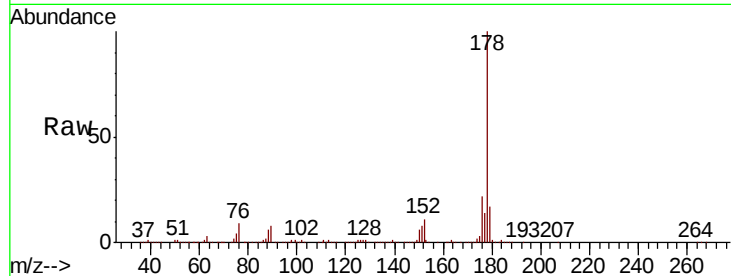
#71
 Phenanthrene
 Concen: 39.583 ng
 RT: 17.36 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.7	17.3	25.9
179	17.4	13.8	20.6

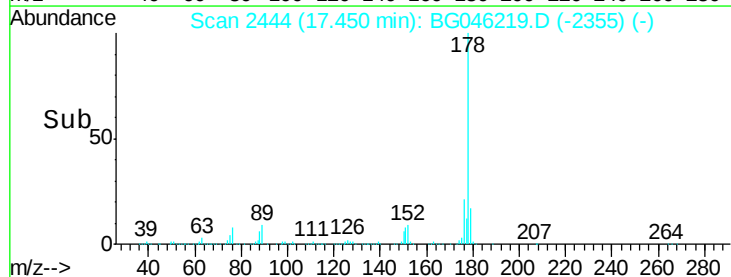
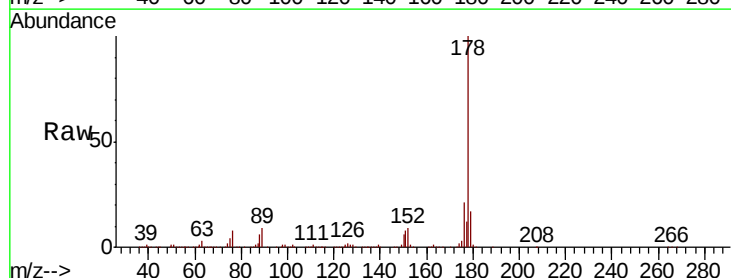
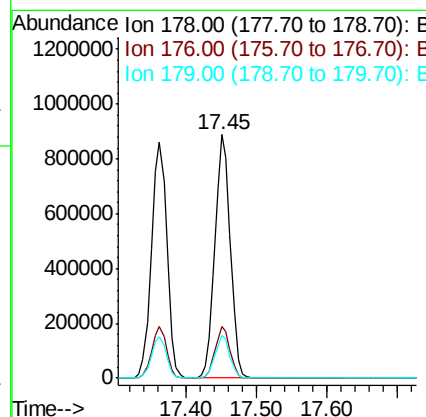
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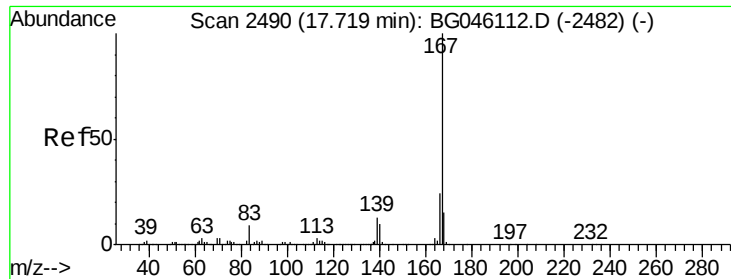
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#72
 Anthracene
 Concen: 41.106 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.6	24.8
179	17.5	13.4	20.2





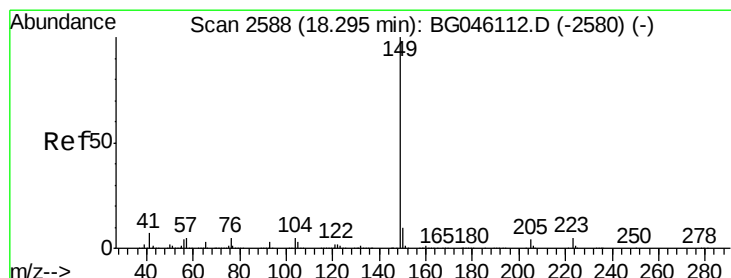
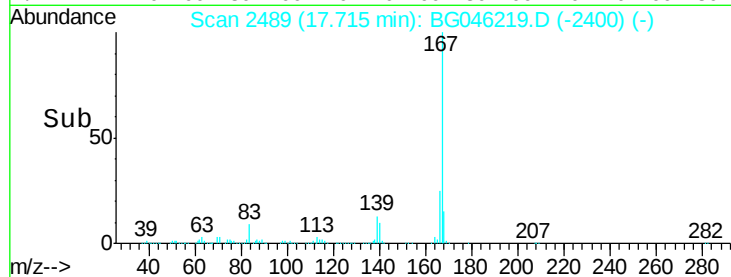
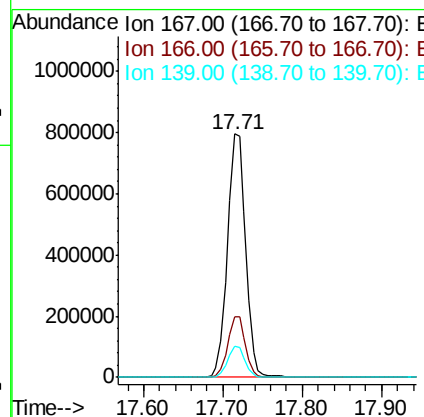
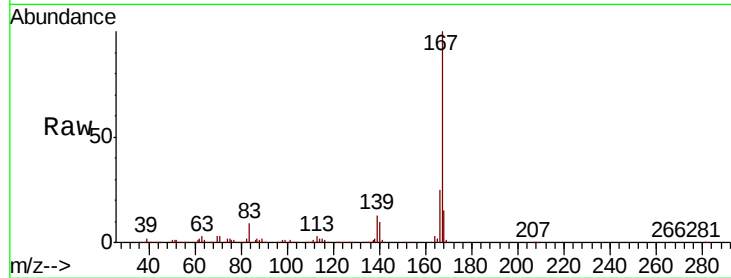
#73
 Carbazole
 Concen: 39.829 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.4	29.0
139	12.9	10.1	15.1

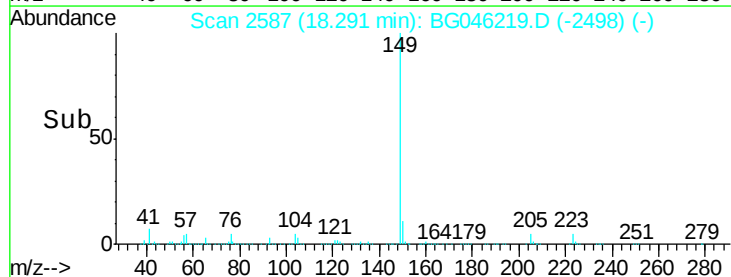
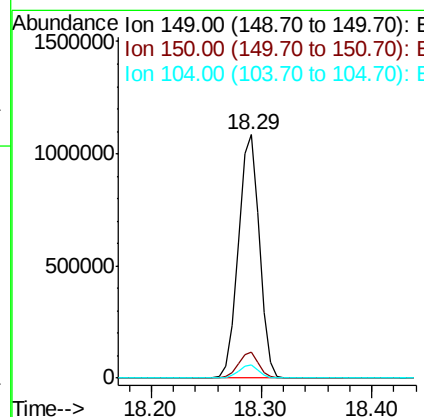
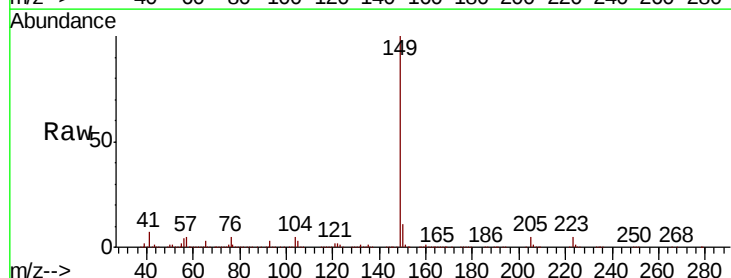
Manual Integrations
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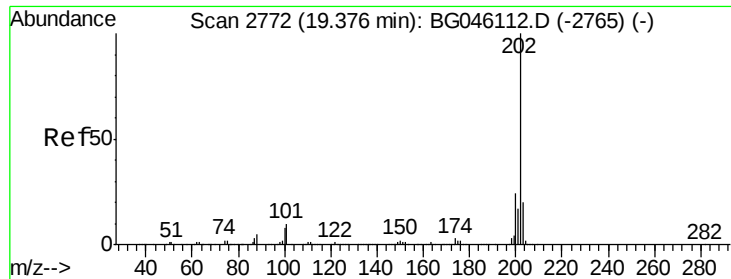
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#74
 Di-n-butylphthalate
 Concen: 43.887 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.4	12.6
104	5.3	4.2	6.2





#75

Fluoranthene

Concen: 39.831 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

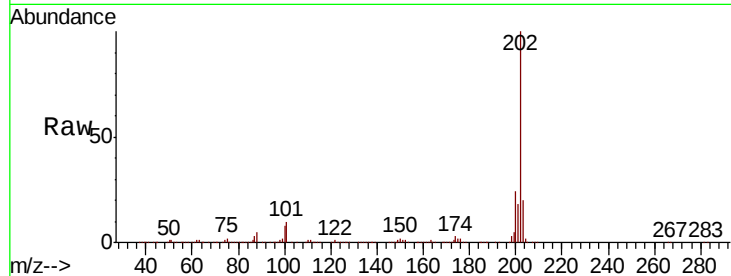
ClientSampleId :

SS-TP-1MS

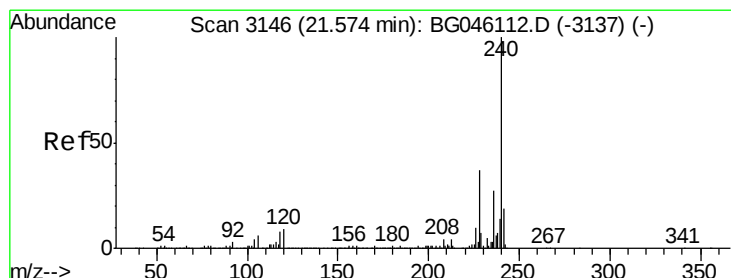
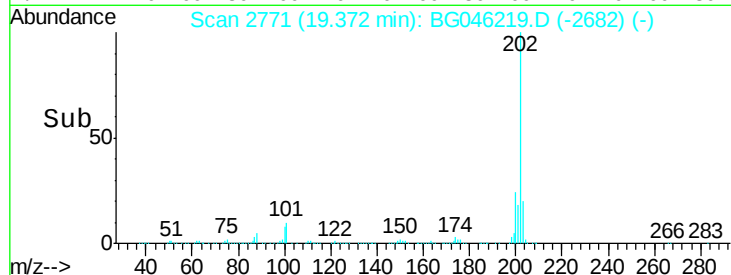
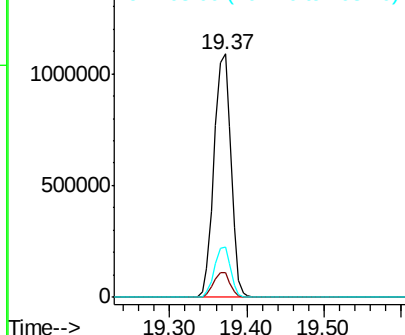
Tot Ion:	202	Resp:	1637670
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.0
203	20.4	0.2	40.2

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



#76

Chrysene-d12

Concen: 20.000 ng

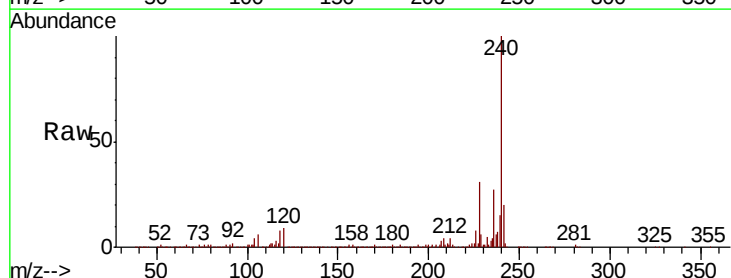
RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

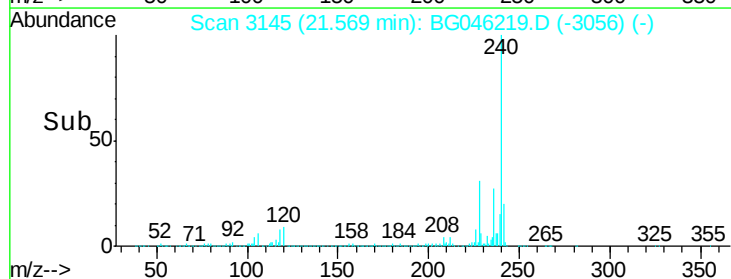
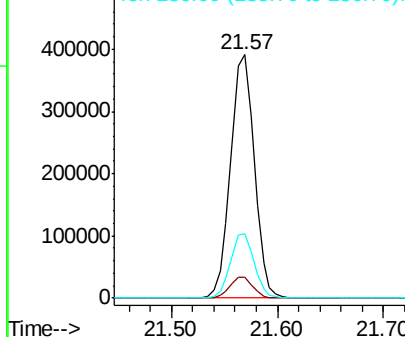
Lab File: BG046219.D

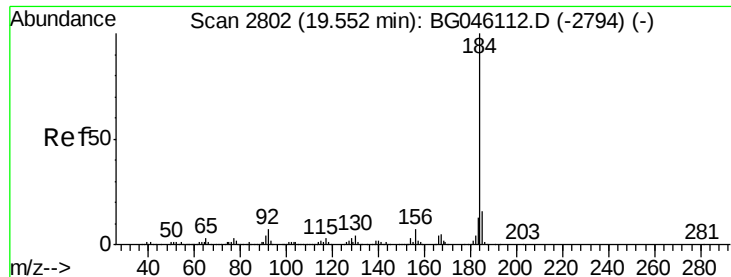
Acq: 11 Aug 2020 16:05

Tgt Ion:	240	Resp:	608679
Ion Ratio	Lower	Upper	
240	100		
120	8.5	7.1	10.7
236	26.6	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: 49.598 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

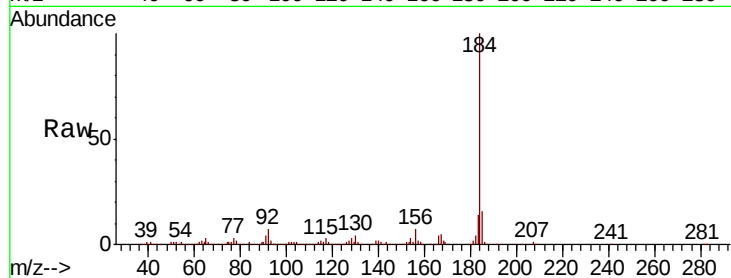
ClientSampleId :

SS-TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	855127		
185	15.9		13.0	19.4
183	13.7		10.5	15.7

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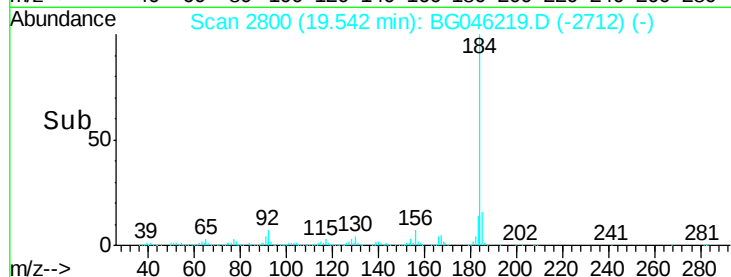
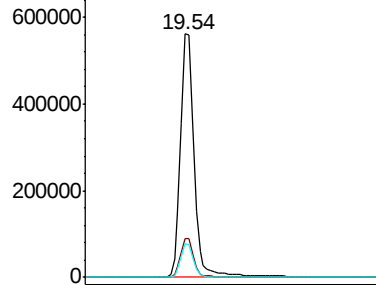


Abundance

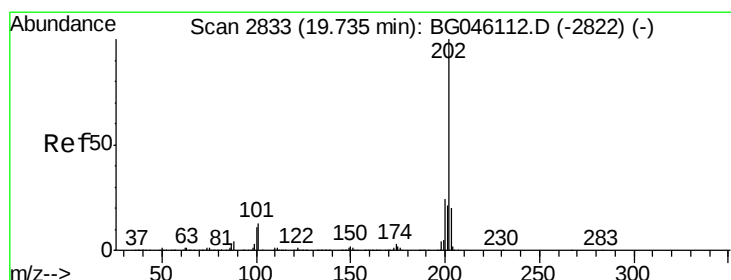
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 39.832 ng

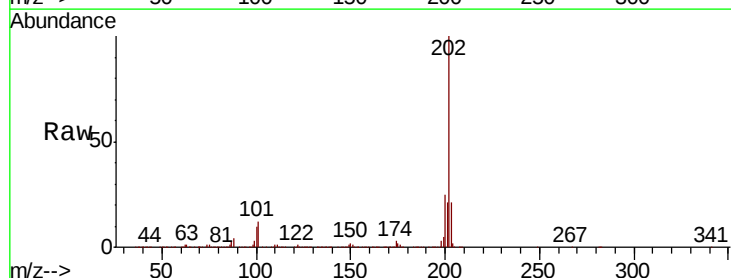
RT: 19.73 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1629019		
200	25.0		19.5	29.3
203	21.0		16.2	24.2

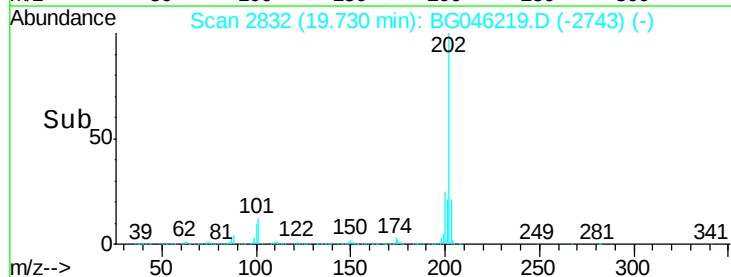
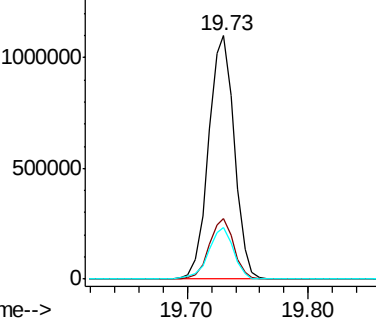


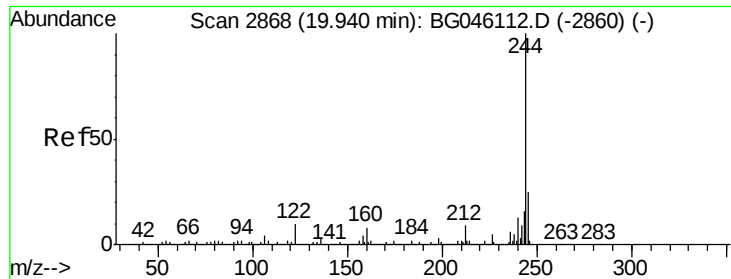
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 50.491 ng

RT: 19.93 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampled :

SS-TP-1MS

Tot Ion:244 Resp: 1509017

Ion Ratio Lower Upper

244 100

212 8.0 7.2 10.8

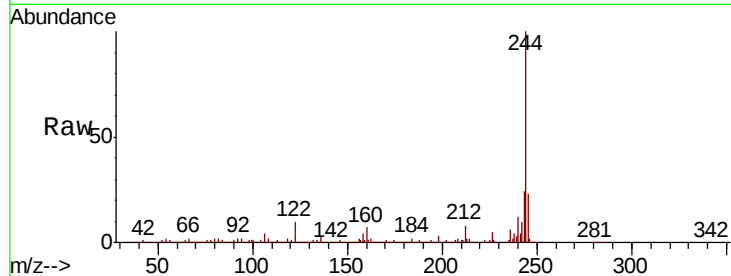
122 9.9 8.3 12.5

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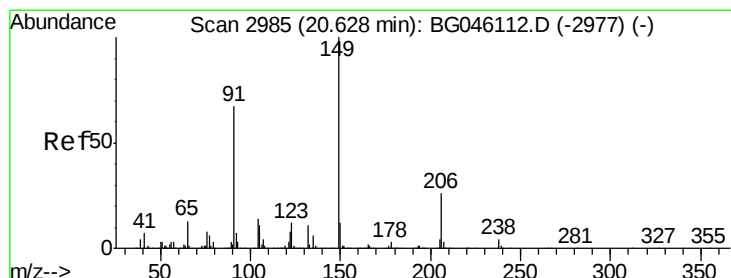
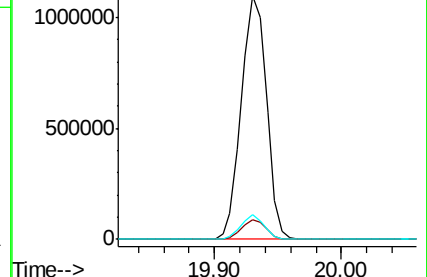
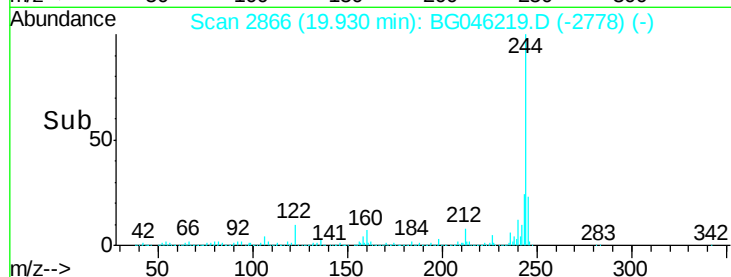
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.909 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

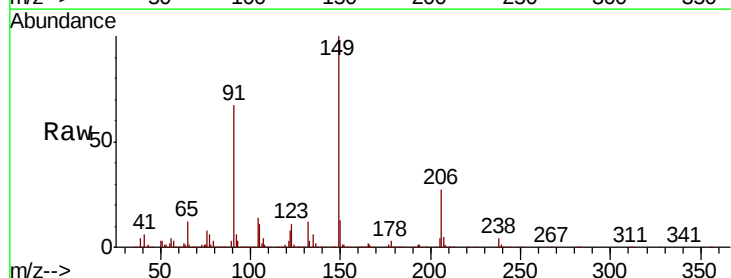
Tgt Ion:149 Resp: 665326

Ion Ratio Lower Upper

149 100

91 67.1 53.8 80.8

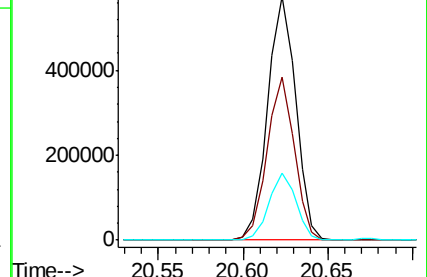
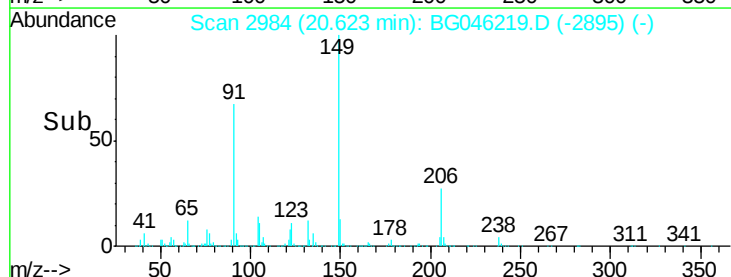
206 27.3 20.4 30.6

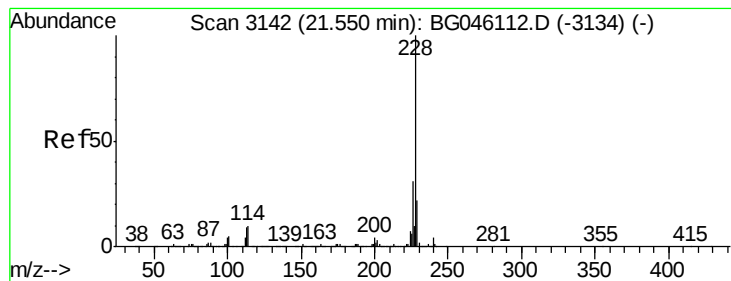


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.992 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

Tot Ion:228 Resp: 1628993

Ion Ratio Lower Upper

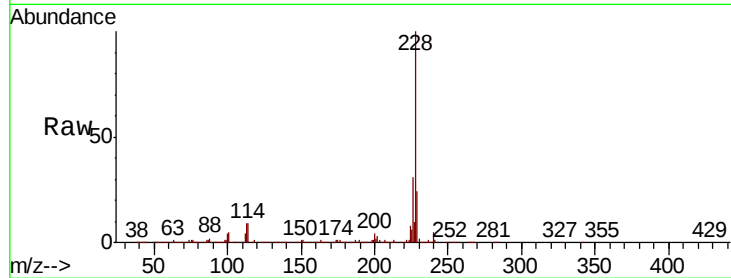
228 100

226 30.9 24.7 37.1

229 23.6 17.8 26.8

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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

1200000

1000000

800000

600000

400000

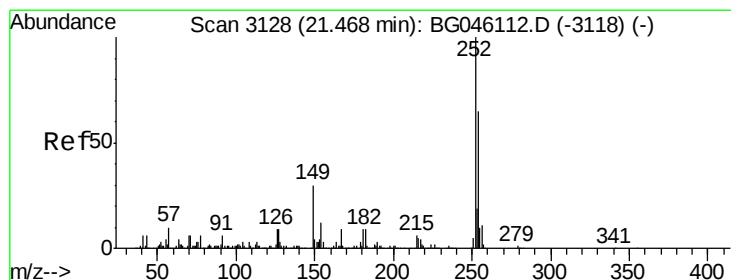
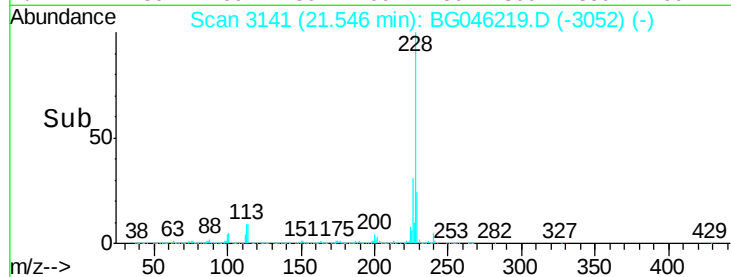
200000

0

21.55

21.50 21.55 21.60

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 25.806 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

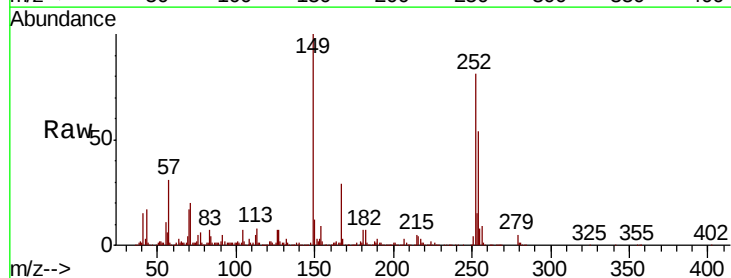
Tgt Ion:252 Resp: 436505

Ion Ratio Lower Upper

252 100

254 66.3 51.8 77.8

126 8.7 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

300000

200000

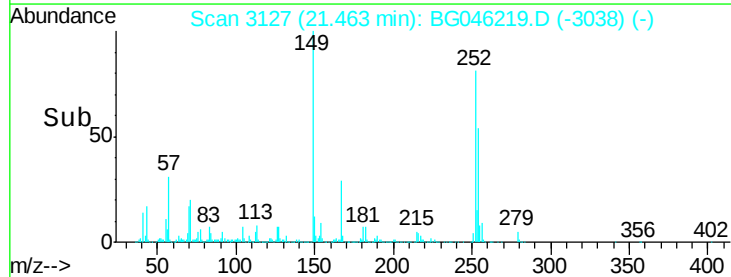
100000

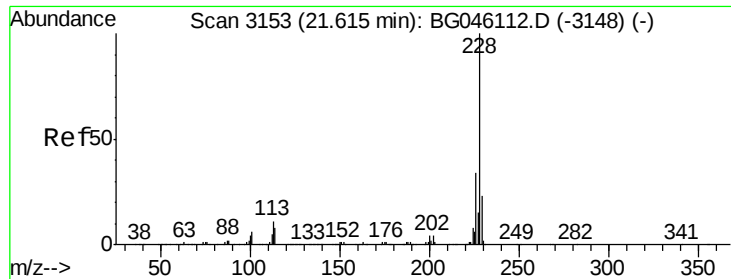
0

21.46

21.40 21.46 21.50

Time-->





#83
 Chrysene
 Concen: 38.785 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

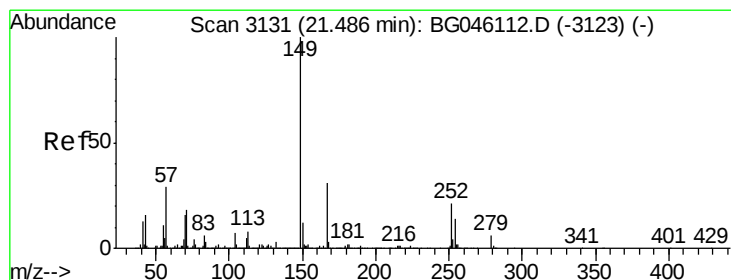
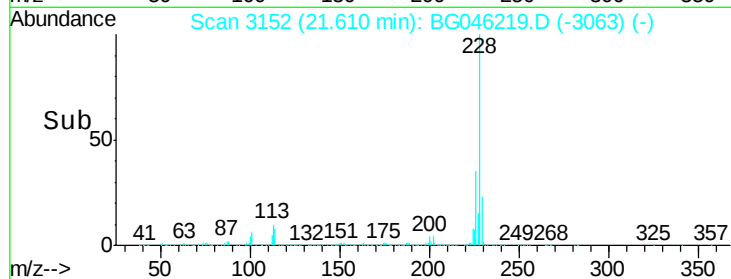
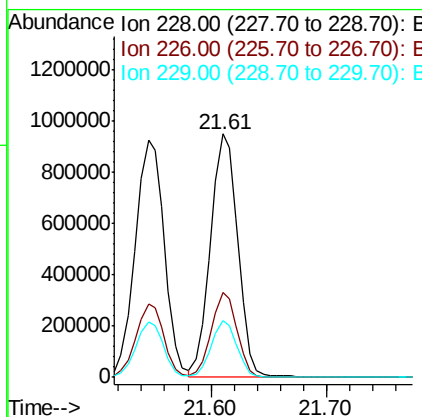
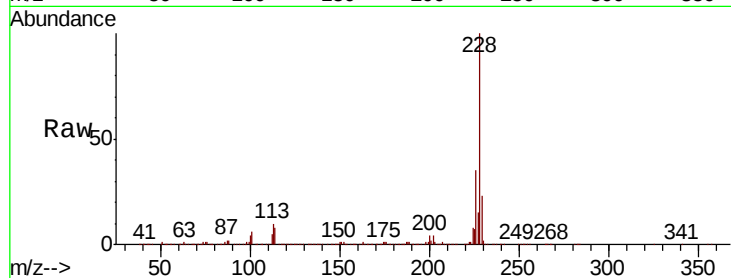
Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion:228 Resp: 1547600

Ion	Ratio	Lower	Upper
228	100		
226	34.7	26.9	40.3
229	23.2	18.2	27.4

Manual Integrations
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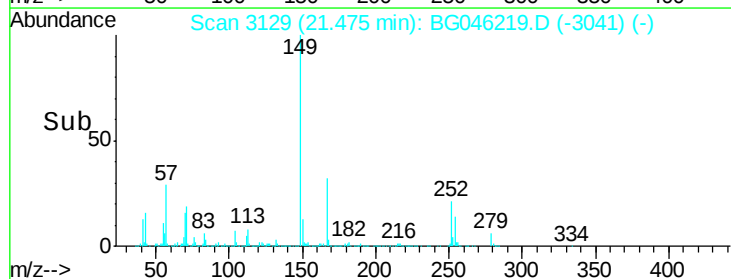
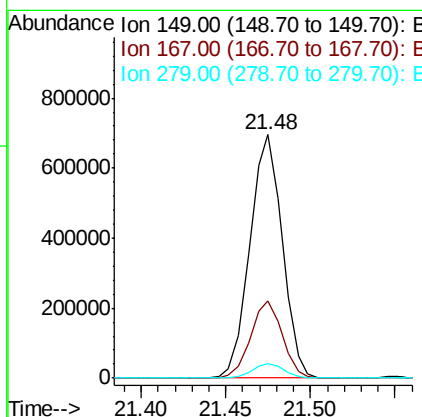
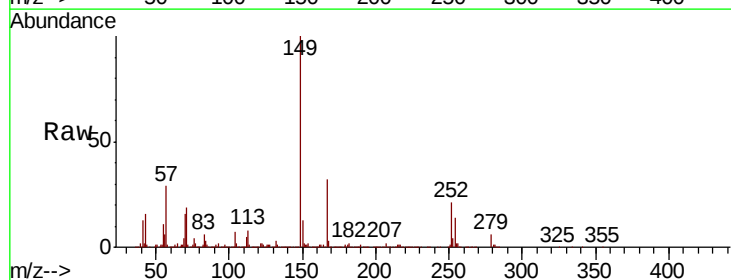
mohammad
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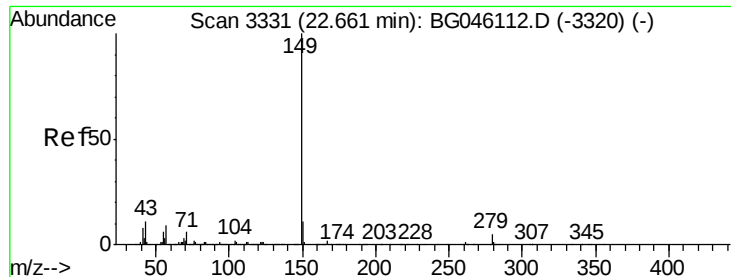


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.818 ng
 RT: 21.48 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion:149 Resp: 928091

Ion	Ratio	Lower	Upper
149	100		
167	31.8	24.8	37.2
279	6.2	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 44.762 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

Instrument :

BNA_G

ClientSampleId :

SS-TP-1MS

Tot Ion:149 Resp: 1605242

Ion Ratio Lower Upper

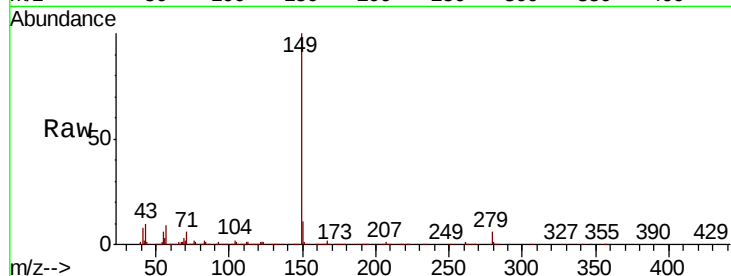
149 100

167 1.9 1.4 2.2

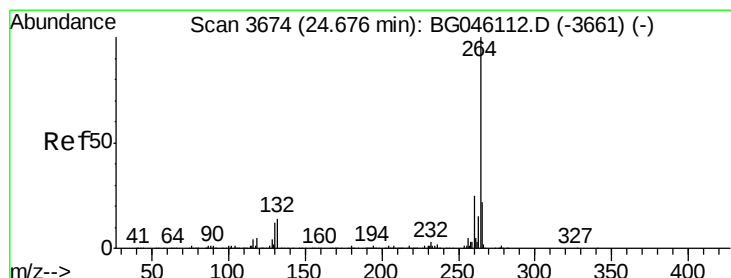
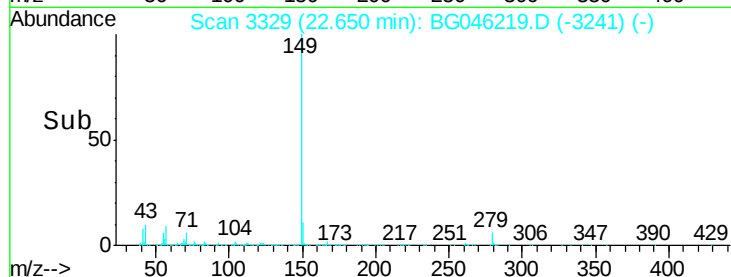
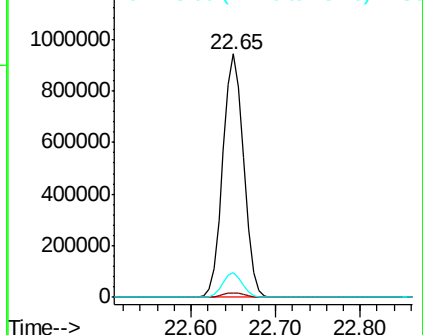
43 9.5 7.8 11.8

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG046219.D

Acq: 11 Aug 2020 16:05

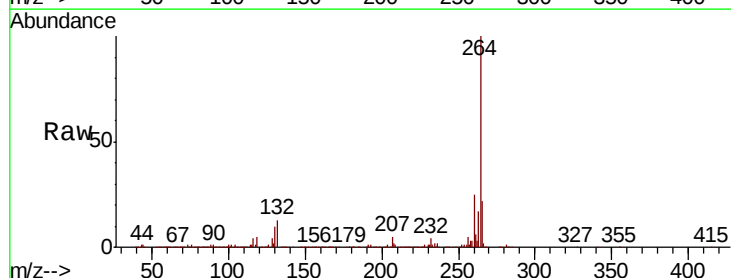
Tgt Ion:264 Resp: 666091

Ion Ratio Lower Upper

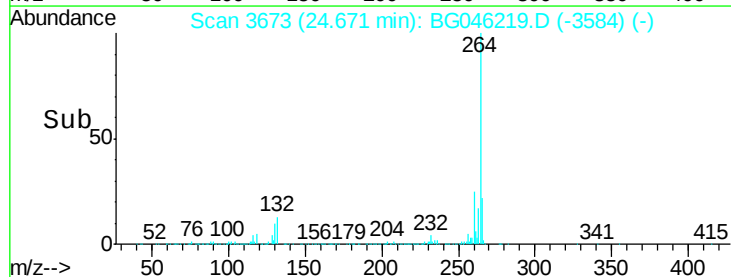
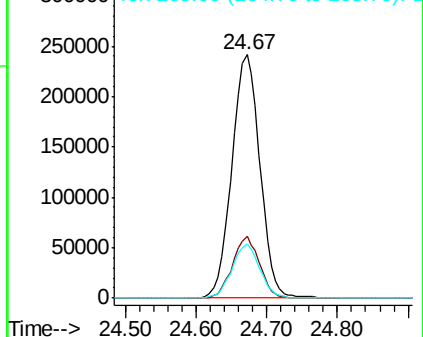
264 100

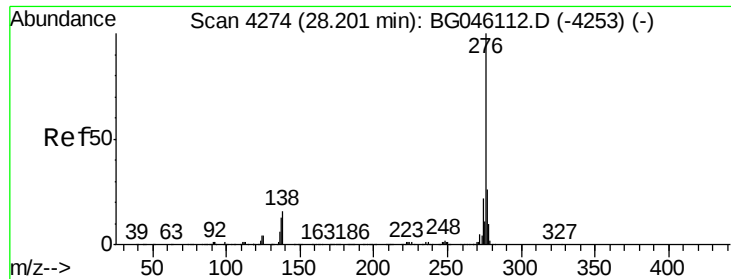
260 25.2 19.7 29.5

265 22.4 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





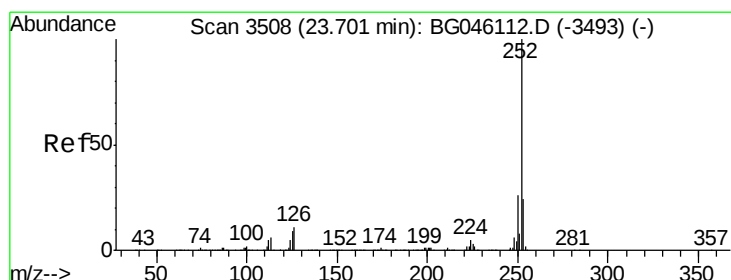
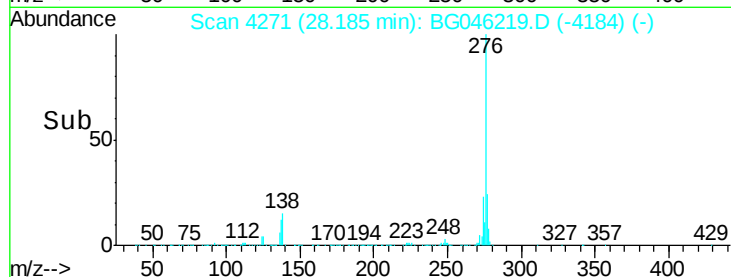
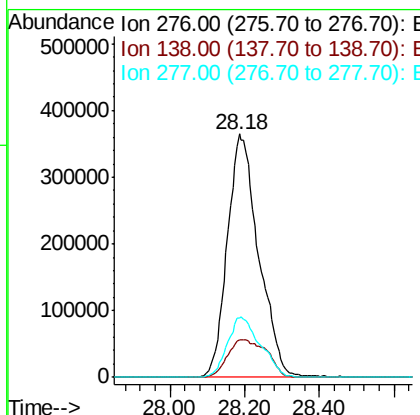
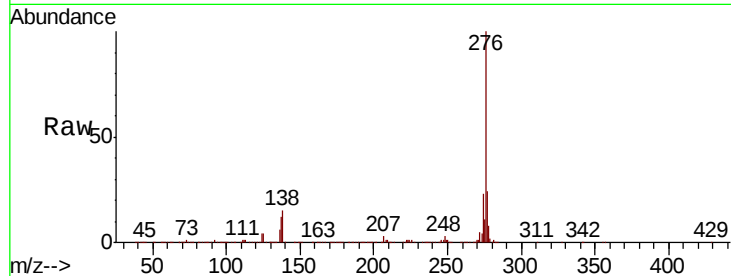
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.815 ng
 RT: 28.18 min Scan# 4271
 Delta R.T. -0.02 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	11.6	17.4#
277	26.0	20.8	31.2

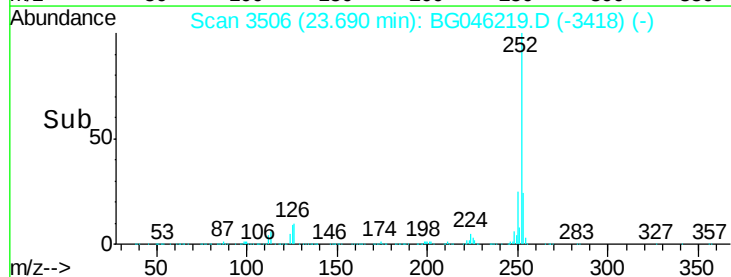
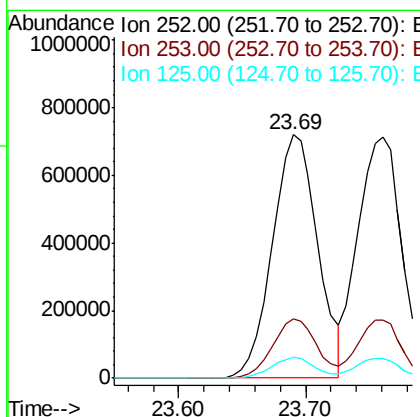
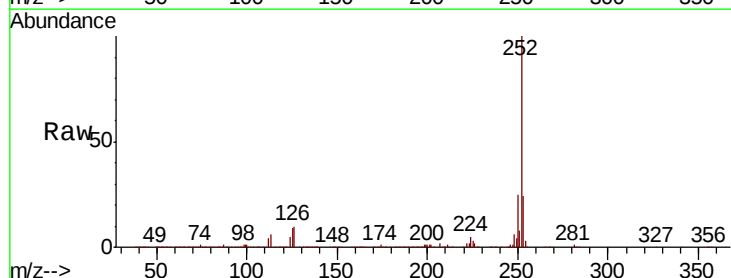
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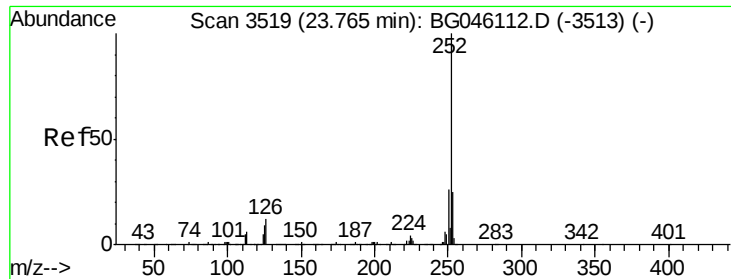
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 40.041 ng
 RT: 23.69 min Scan# 3506
 Delta R.T. -0.01 min
 Lab File: BG046219.D
 Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.2	28.8
125	8.8	7.2	10.8





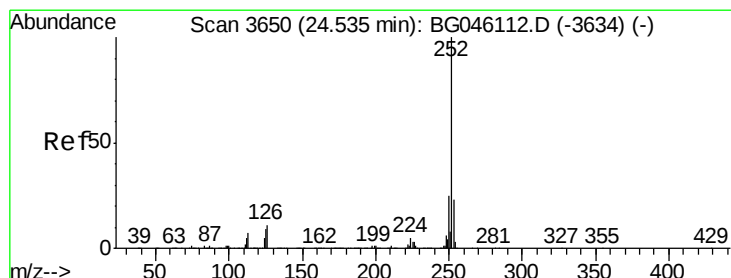
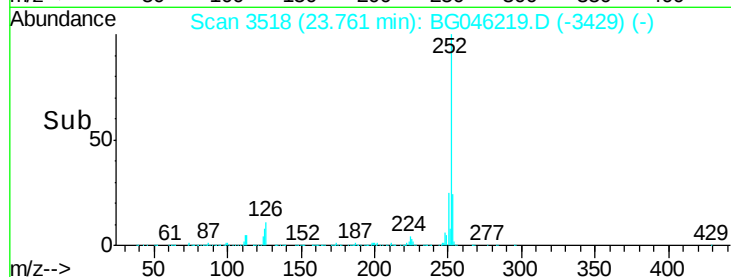
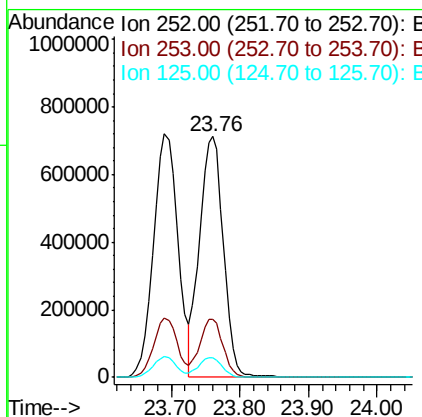
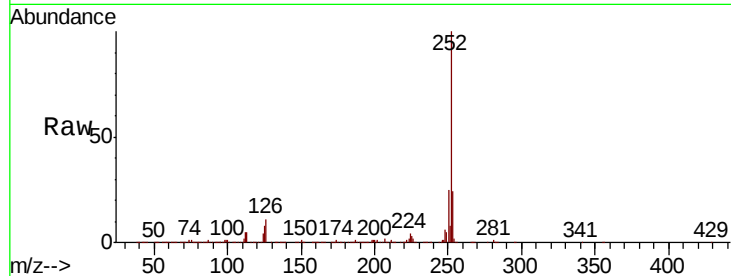
#89
Benzo(k)fluoranthene
Concen: 39.275 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.5	29.3
125	8.2	7.3	10.9

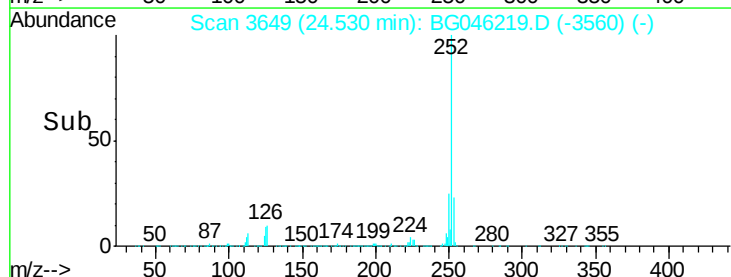
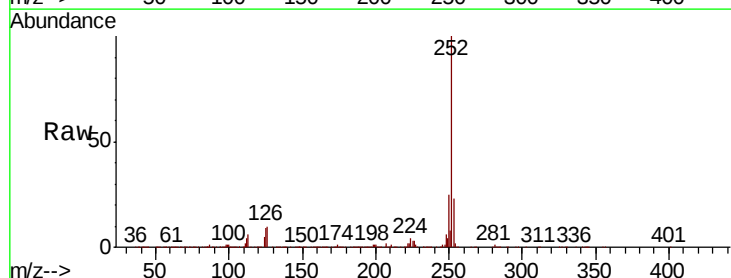
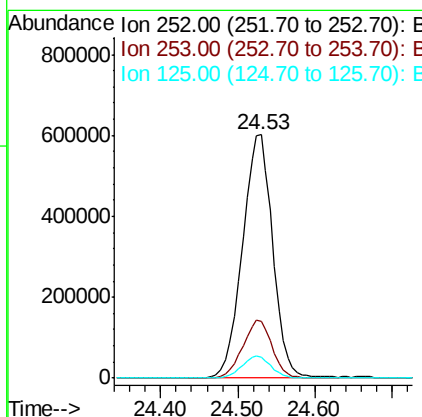
Manual Integrations
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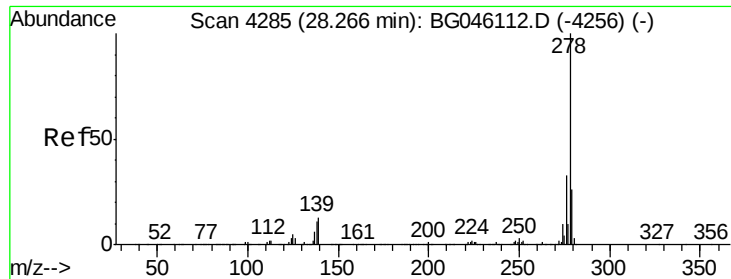
mohammad
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#90
Benzo(a)pyrene
Concen: 39.727 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	8.5	7.1	10.7





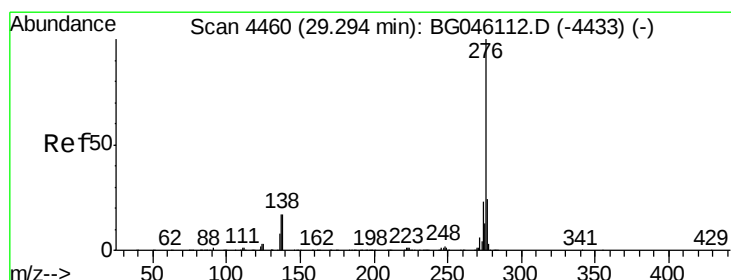
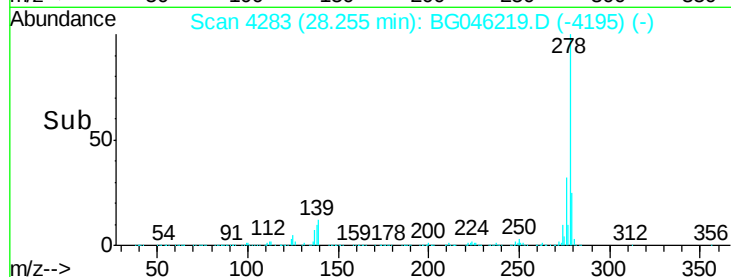
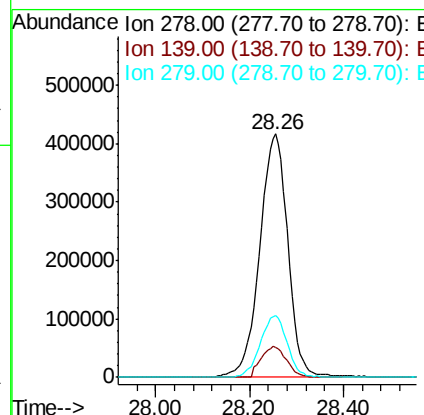
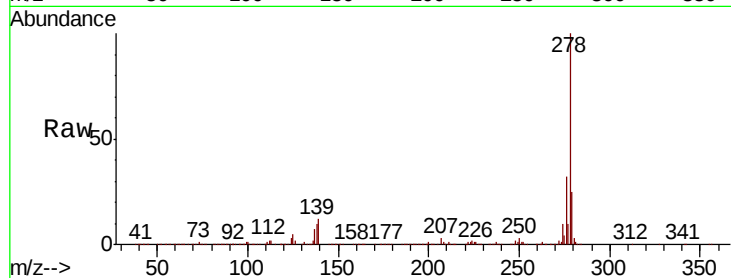
#91
Dibenzo(a,h)anthracene
Concen: 40.838 ng
RT: 28.26 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Instrument :
BNA_G
ClientSampleId :
SS-TP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	10.8	16.2
279	25.2	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/12/2020 1:48:10 PM



#92
Benzo(g,h,i)perylene
Concen: 41.492 ng
RT: 29.30 min Scan# 4460
Delta R.T. 0.00 min
Lab File: BG046219.D
Acq: 11 Aug 2020 16:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.5	29.3
138	17.3	13.8	20.6

