

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044856.D
 Acq On : 18 Mar 2020 8:22
 Operator : CG/JU
 Sample : PB127536BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Manual Integrations
 APPROVED

mohammad
 3/18/2020 4:00:31 PM

Quant Time: Mar 18 12:40:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	89852	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	358626	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	240219	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	550437	20.00	ng	0.00
76) Chrysene-d12	21.69	240	459386	20.00	ng	0.00
87) Perylene-d12	24.89	264	518202	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	854673	148.07	ng	0.00
7) Phenol-d6	7.21	99	1177297	140.38	ng	0.00
23) Nitrobenzene-d5	9.21	82	759519	92.93	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	505117	160.59	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1590207	94.80	ng	0.00
79) Terphenyl-d14	20.04	244	2409162	98.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	99267	35.714	ng	99
3) Pyridine	3.91	79	258823	31.455	ng	97
4) n-Nitrosodimethylamine	3.82	42	140528	45.012	ng	94
6) Aniline	7.37	93	431347	41.336	ng	97
8) 2-Chlorophenol	7.61	128	323623	56.166	ng	98
9) Benzaldehyde	7.17	77	252541	54.825	ng	93
10) Phenol	7.23	94	431742	52.001	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	307559	46.416	ng	96
12) 1,3-Dichlorobenzene	7.94	146	334918	47.186	ng	98
13) 1,4-Dichlorobenzene	8.08	146	338058	48.176	ng	98
14) 1,2-Dichlorobenzene	8.40	146	316201	47.513	ng	98
15) Benzyl Alcohol	8.28	79	333879	49.620	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	460699	39.398	ng	98
17) 2-Methylphenol	8.48	107	299662	53.282	ng	95
18) Hexachloroethane	9.14	117	130928	47.392	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	266036	44.926	ng	99
20) 3+4-Methylphenols	8.81	107	409795	52.858	ng	97
22) Acetophenone	8.87	105	477822	47.030	ng	# 98
24) Nitrobenzene	9.25	77	399235	47.079	ng	99
25) Isophorone	9.78	82	731382	45.853	ng	97
26) 2-Nitrophenol	9.96	139	180113	59.665	ng	98
27) 2,4-Dimethylphenol	10.02	122	312205	60.105	ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	423396	44.479	ng	99
29) 2,4-Dichlorophenol	10.50	162	324708	53.520	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	349062	48.117	ng	96
31) Naphthalene	10.91	128	959287	48.287	ng	98
32) Benzoic acid	10.17	122	200152	49.168	ng	97
33) 4-Chloroaniline	11.00	127	241178	26.946	ng	99
34) Hexachlorobutadiene	11.20	225	225175	47.200	ng	98
35) Caprolactam	11.77	113	115653m	50.347	ng	
36) 4-Chloro-3-methylphenol	12.13	107	368738	50.959	ng	99
37) 2-Methylnaphthalene	12.51	142	714164	48.057	ng	97
38) 1-Methylnaphthalene	12.73	142	676390	48.414	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	388006	49.046	ng	99

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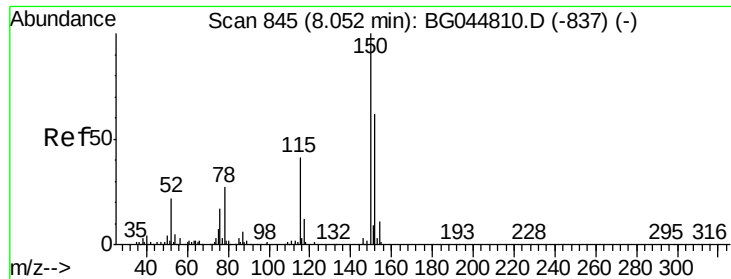
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	489836	113.297	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	281770	53.668	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	303926	55.819	ng	94
46) 1,1'-Biphenyl	13.51	154	901546	46.964	ng	99
47) 2-Chloronaphthalene	13.55	162	693865	47.316	ng	100
48) 2-Nitroaniline	13.75	65	258071	50.268	ng	97
49) Acenaphthylene	14.40	152	1156279	50.330	ng	99
50) Dimethylphthalate	14.13	163	908641	47.492	ng	100
51) 2,6-Dinitrotoluene	14.24	165	212334	55.059	ng	96
52) Acenaphthene	14.74	154	828475	55.063	ng	99
53) 3-Nitroaniline	14.57	138	161213	36.360	ng	97
54) 2,4-Dinitrophenol	14.78	184	233562	112.164	ng	93
55) Dibenzofuran	15.08	168	1078469	49.429	ng	96
56) 4-Nitrophenol	14.88	139	364886	107.833	ng	97
57) 2,4-Dinitrotoluene	15.03	165	300846	56.881	ng	98
58) Fluorene	15.73	166	880138	49.038	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	282803m	56.415	ng	
60) Diethylphthalate	15.50	149	930623	46.636	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	480138	49.682	ng	96
62) 4-Nitroaniline	15.73	138	215378	45.555	ng	96
63) Azobenzene	16.01	77	949632	45.827	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	170513	62.958	ng	95
66) n-Nitrosodiphenylamine	15.93	169	799814	48.263	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	334522	48.614	ng	95
68) Hexachlorobenzene	16.73	284	358120	47.971	ng	99
69) Atrazine	16.88	200	313652	51.659	ng	98
70) Pentachlorophenol	17.07	266	446022	108.585	ng	99
71) Phenanthrene	17.47	178	1411810	47.997	ng	99
72) Anthracene	17.56	178	1448327	49.935	ng	98
73) Carbazole	17.82	167	1332071	47.812	ng	98
74) Di-n-butylphthalate	18.39	149	1583446	46.754	ng	99
75) Fluoranthene	19.47	202	1717531	49.040	ng	98
77) Benzidine	19.64	184	810468	54.345	ng	99
78) Pyrene	19.83	202	1684834	49.989	ng	98
80) Butylbenzylphthalate	20.72	149	718972	47.950	ng	99
81) Benzo(a)anthracene	21.67	228	1615778	48.846	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	484859	37.888	ng	98
83) Chrysene	21.74	228	1539260	48.714	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	976850	47.205	ng	97
85) Di-n-octyl phthalate	22.81	149	1685399	48.671	ng	100
86) Indeno(1,2,3-cd)pyrene	28.54	276	2040880	49.266	ng	# 97
88) Benzo(b)fluoranthene	23.88	252	1727349	50.492	ng	99
89) Benzo(k)fluoranthene	23.95	252	1615013	49.885	ng	99
90) Benzo(a)pyrene	24.75	252	1576458	49.247	ng	98
91) Dibenzo(a,h)anthracene	28.61	278	1642051	51.995	ng	98
92) Benzo(g,h,i)perylene	29.69	276	1690774	52.991	ng	99

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



#1

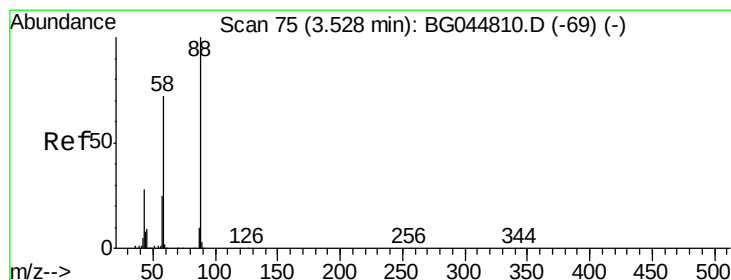
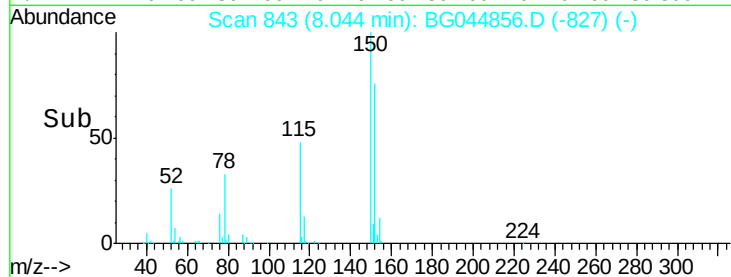
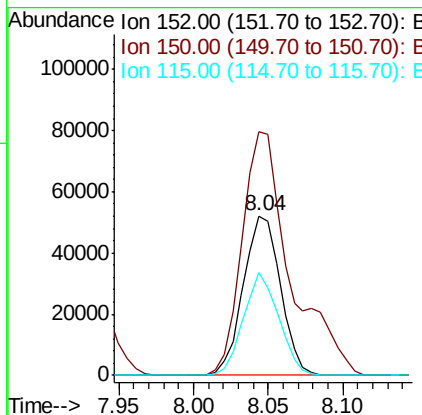
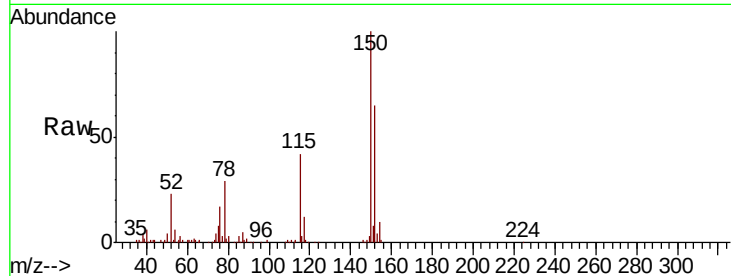
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampled :
PB127536BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	128.8	193.2
115	64.1	52.6	79.0

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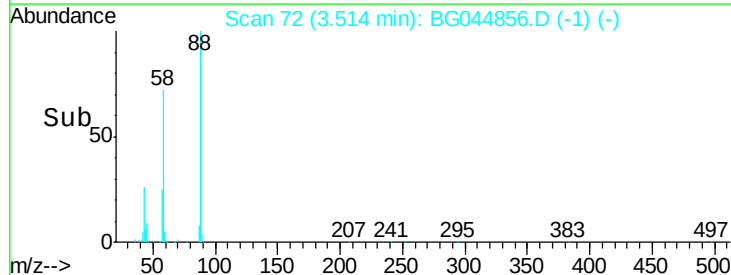
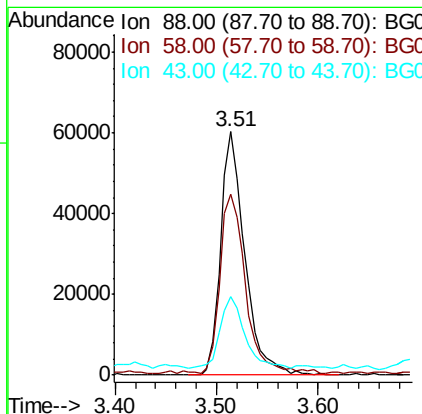
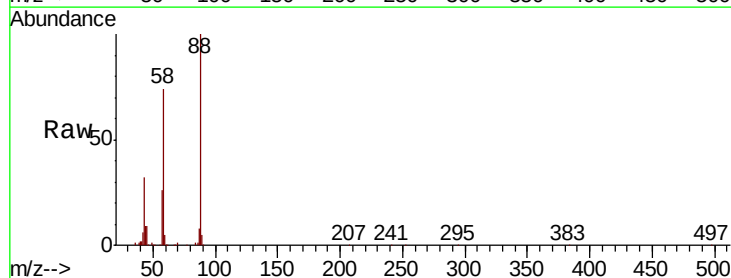
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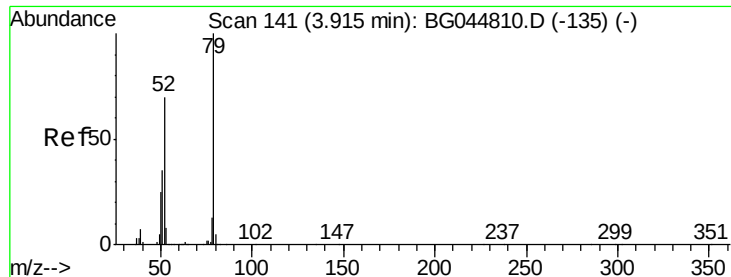


#2

1,4-Dioxane
Concen: 35.714 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	63.0	94.4
43	29.9	24.8	37.2





#3

Pvridine

Concen: 31.455 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

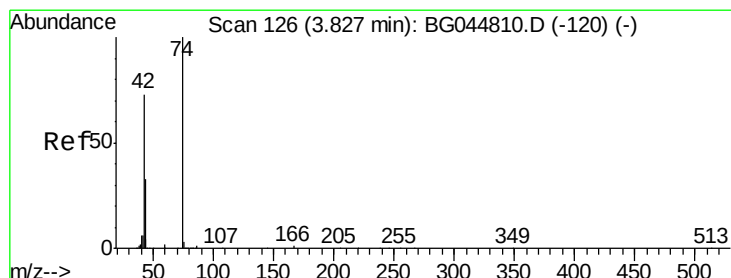
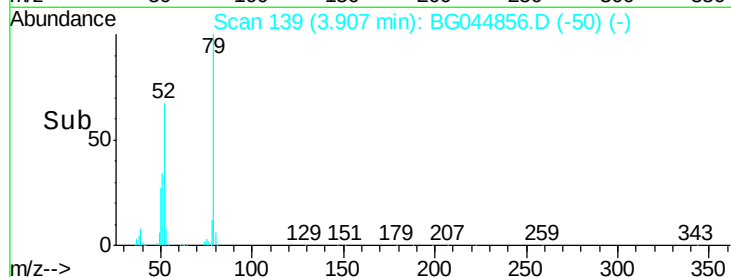
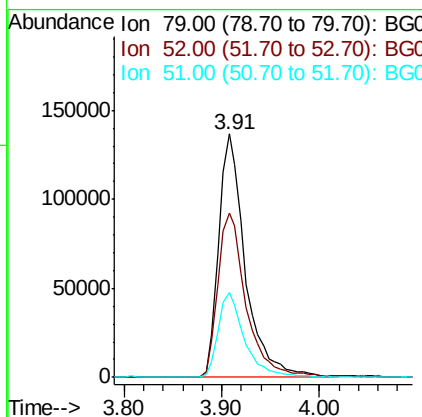
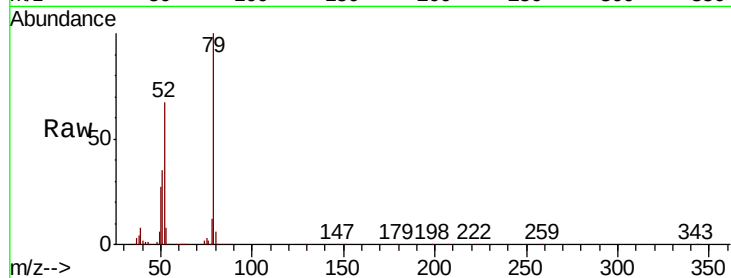
ClientSampleId :

PB127536BS

Tot Ion:	79	Resp:	258823
Ion Ratio	Lower	Upper	
79	100		
52	67.3	56.3	84.5
51	34.7	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 45.012 ng

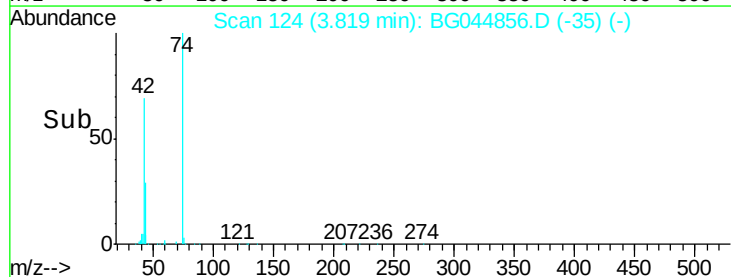
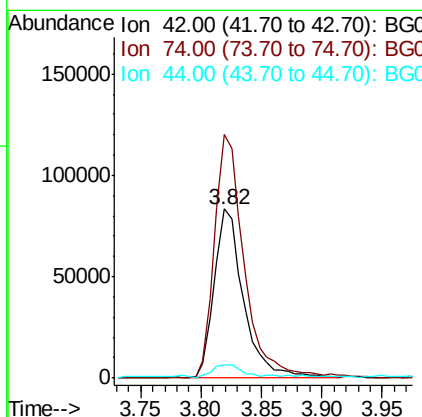
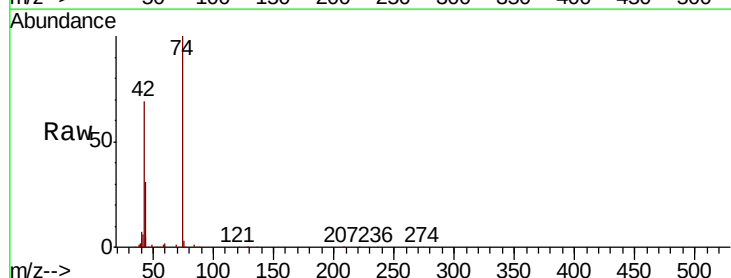
RT: 3.82 min Scan# 124

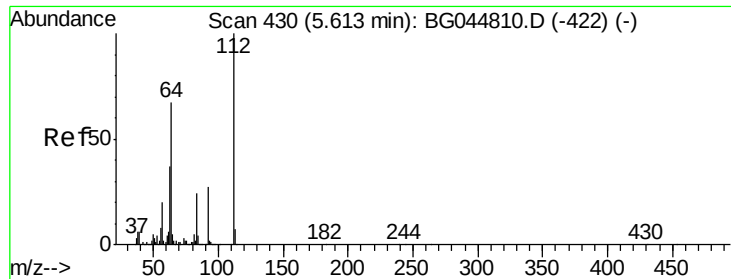
Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:	42	Resp:	140528
Ion Ratio	Lower	Upper	
42	100		
74	144.2	109.1	163.7
44	7.6	5.4	8.2





#5

2-Fluorophenol

Concen: 148.073 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

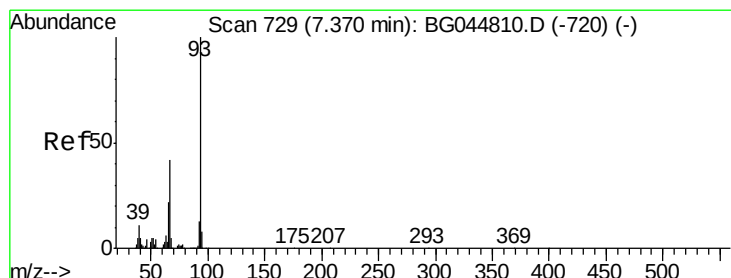
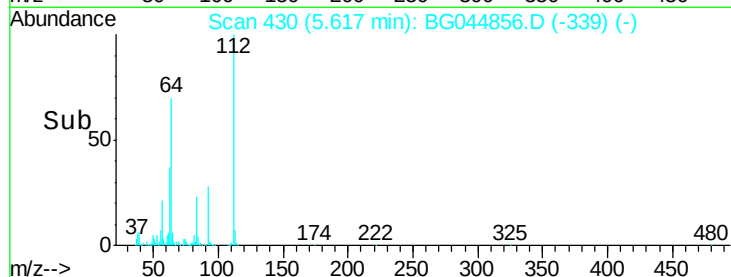
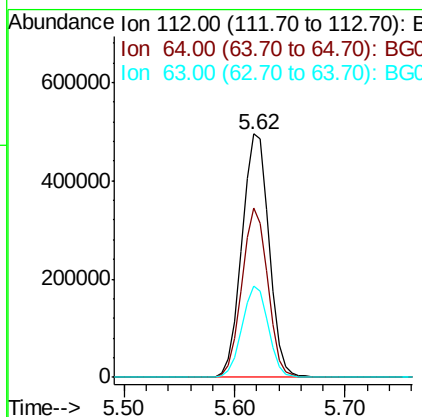
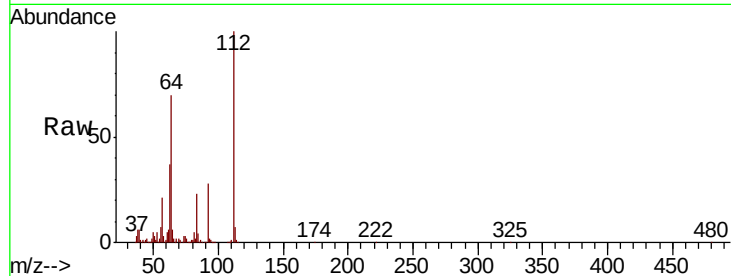
ClientSampleId :

PB127536BS

Tot Ion:	112	Resp:	854673
Ion Ratio	Lower	Upper	
112	100		
64	69.6	53.4	80.2
63	37.3	29.4	44.2

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#6

Aniline

Concen: 41.336 ng

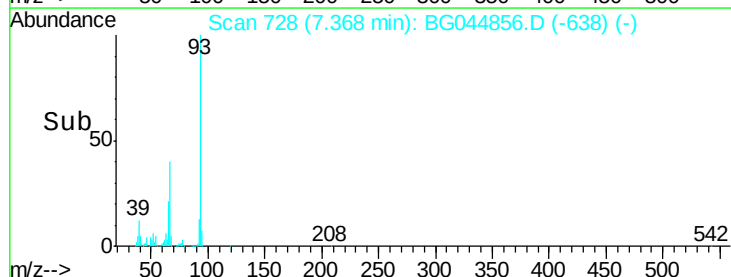
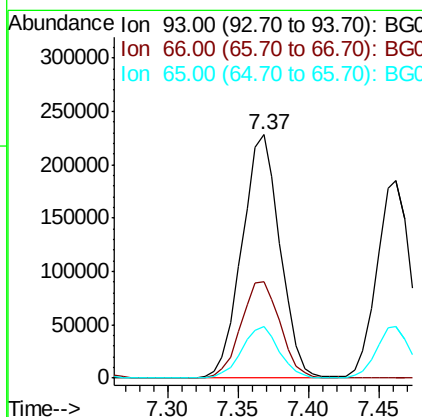
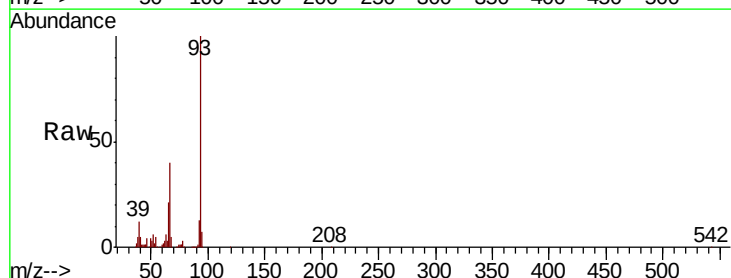
RT: 7.37 min Scan# 728

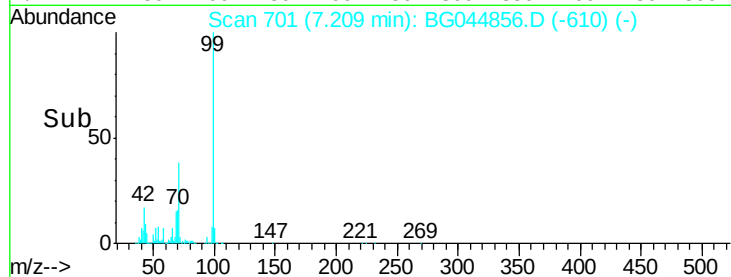
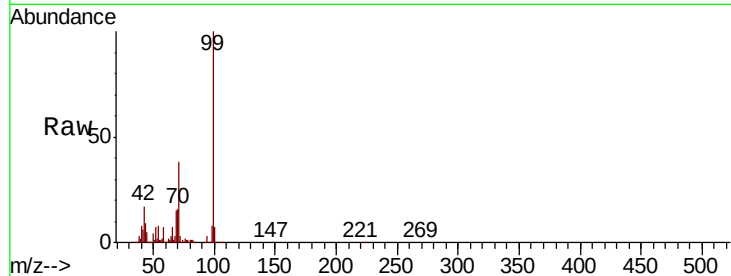
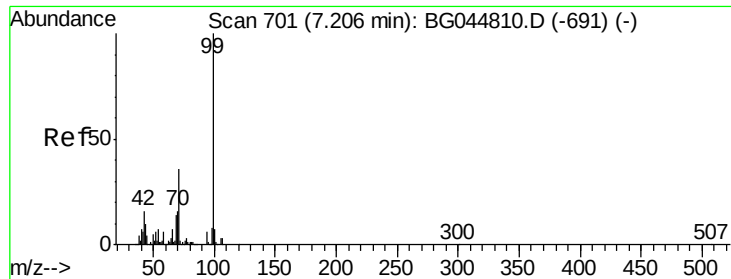
Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:	93	Resp:	431347
Ion Ratio	Lower	Upper	
93	100		
66	39.6	33.7	50.5
65	21.0	17.7	26.5





#7

Phenol-d6

Concen: 140.384 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	17.2	12.6	19.0	
71	37.6	29.0	43.4	

Instrument :

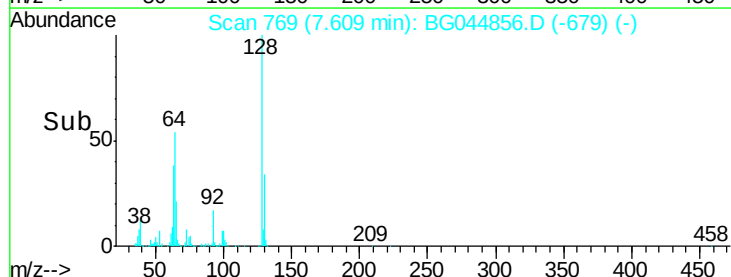
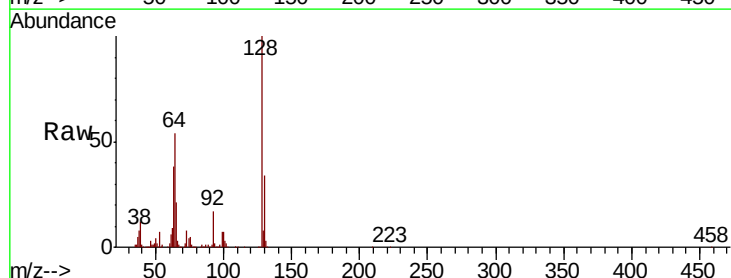
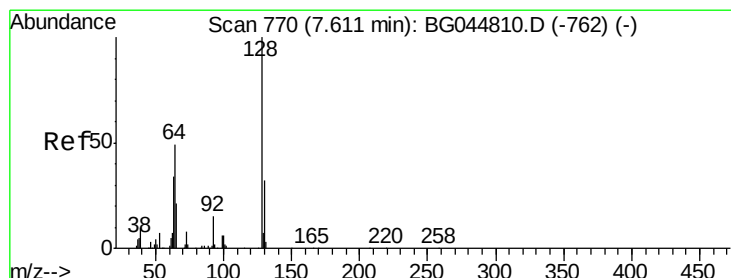
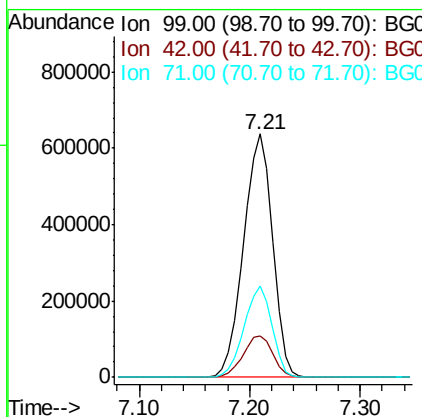
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 56.166 ng

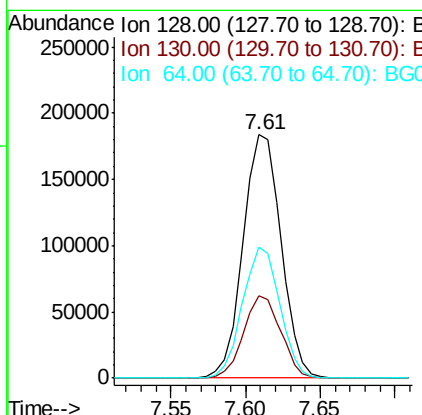
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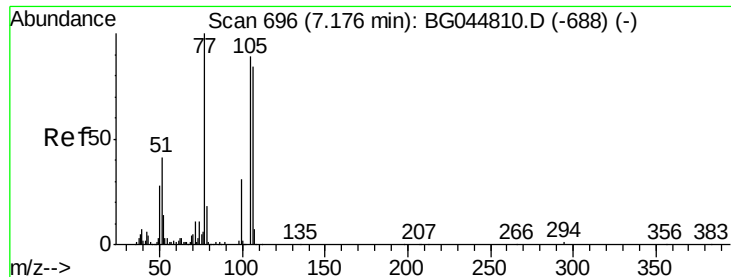
Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
130	33.8	11.6	51.6	
64	54.0	34.5	74.5	





#9

Benzaldehyde

Concen: 54.825 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

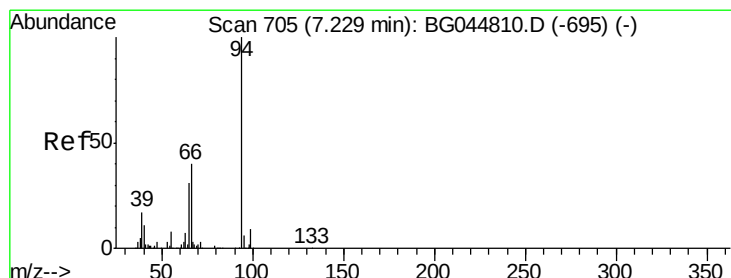
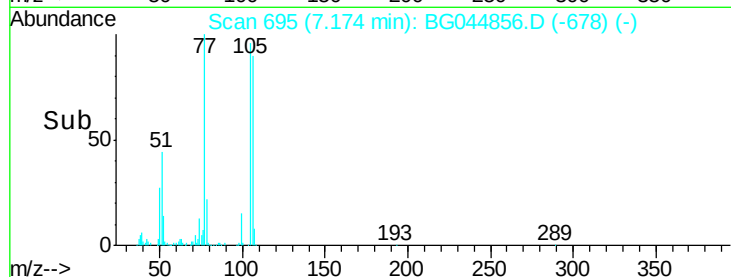
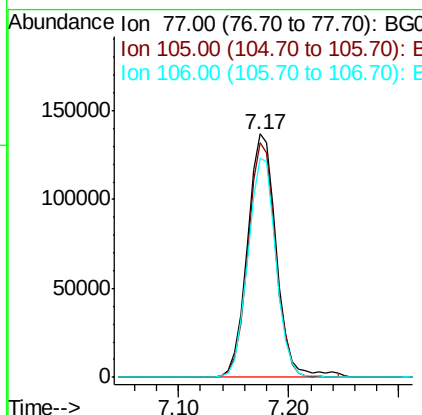
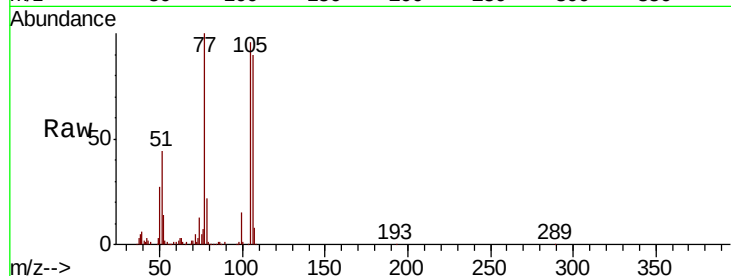
ClientSampleId :

PB127536BS

Tot Ion:	77	Resp:	252541
Ion Ratio	Lower	Upper	
77	100		
105	96.2	69.3	109.3
106	90.2	64.5	104.5

Manual Integrations
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#10

Phenol

Concen: 52.001 ng

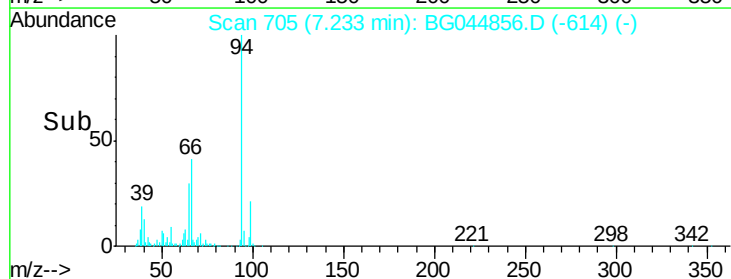
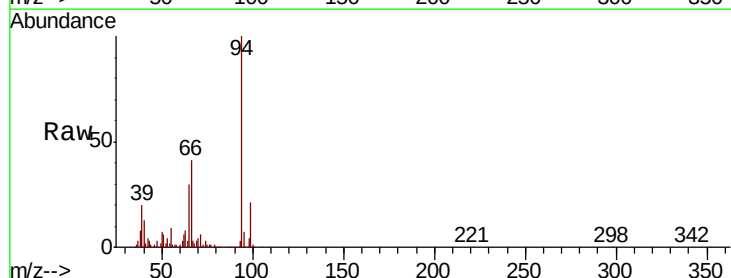
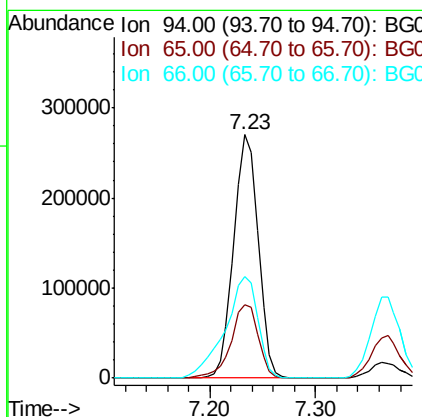
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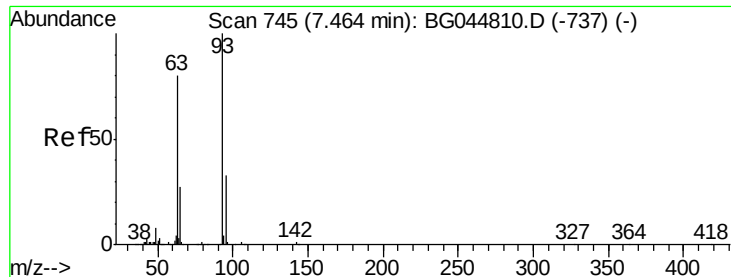
Delta R.T. 0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:	94	Resp:	431742
Ion Ratio	Lower	Upper	
94	100		
65	30.2	11.0	51.0
66	41.5	20.1	60.1





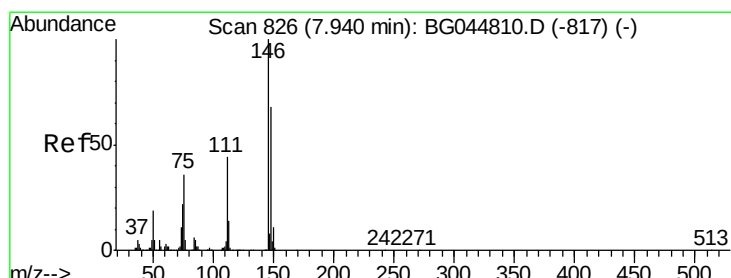
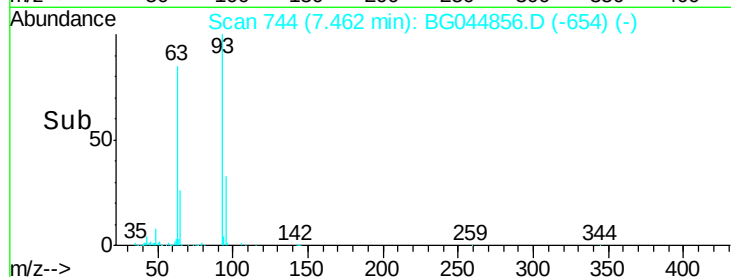
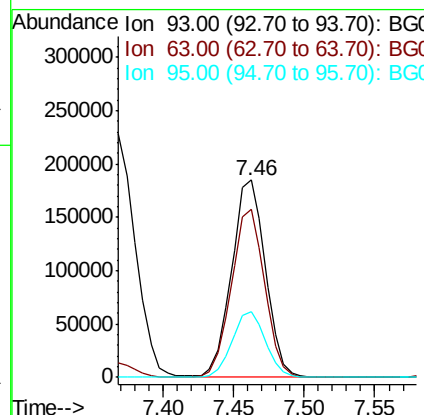
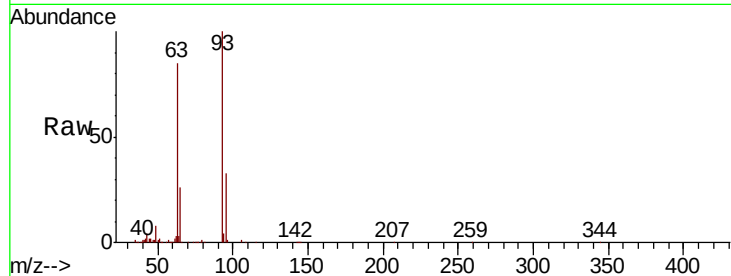
#11
bis(2-Chloroethyl)ether
Concen: 46.416 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		307559		
63	84.9	59.7	99.7		
95	33.0	13.1	53.1		

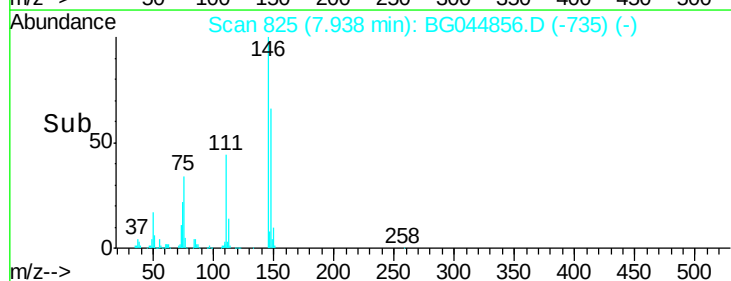
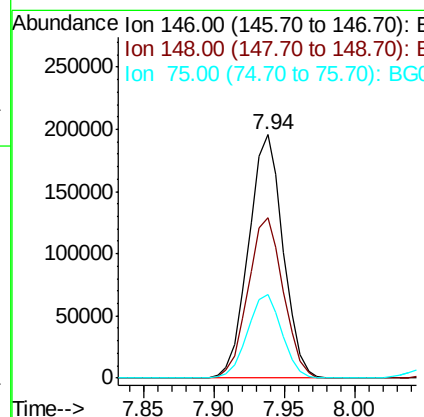
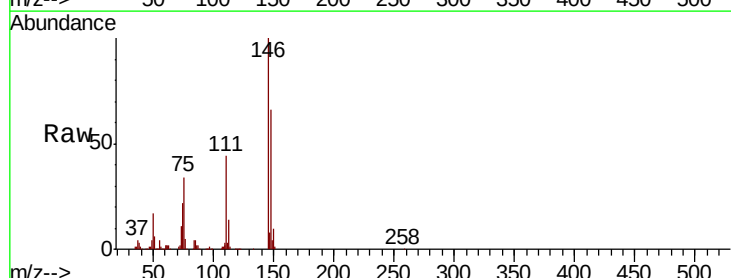
Manual Integrations
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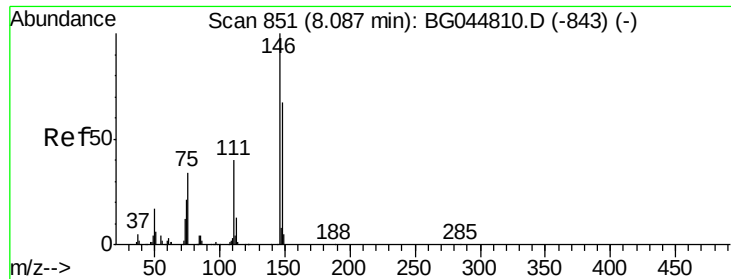
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.186 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		334918		
148	66.0	54.2	81.4		
75	34.4	28.6	42.8		





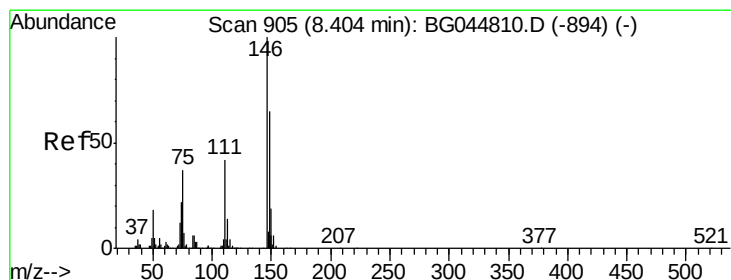
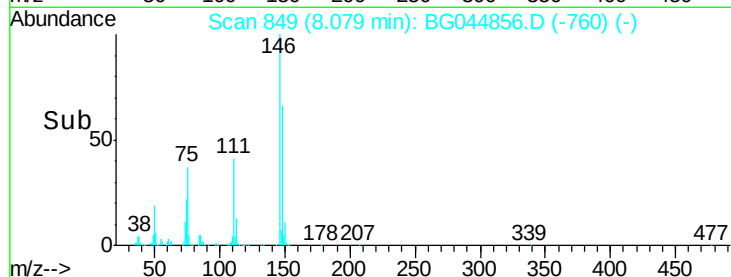
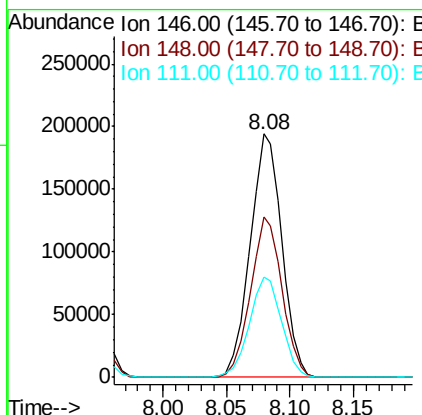
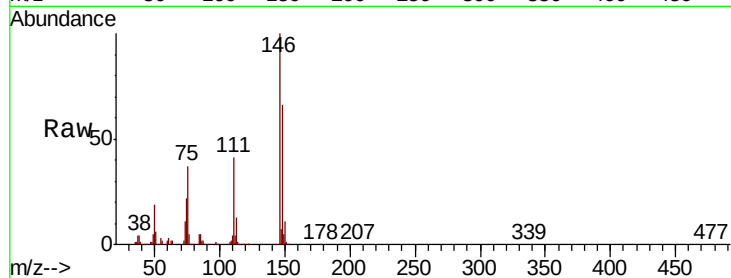
#13
 1,4-Dichlorobenzene
 Concen: 48.176 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Instrument :
 BNA_G
 ClientSampled :
 PB127536BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.8	80.6
111	41.4	32.0	48.0

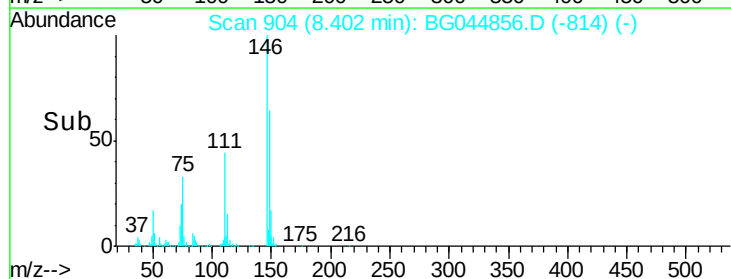
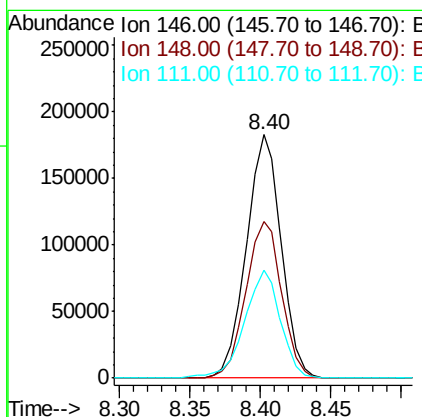
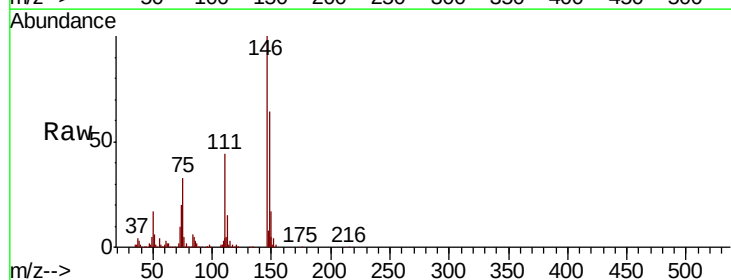
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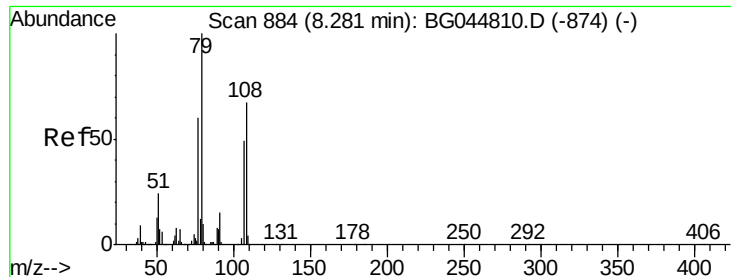
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 47.513 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
111	44.5	33.4	50.2





#15

Benzyl Alcohol

Concen: 49.620 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

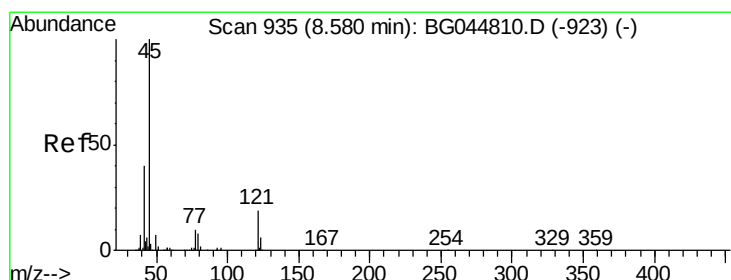
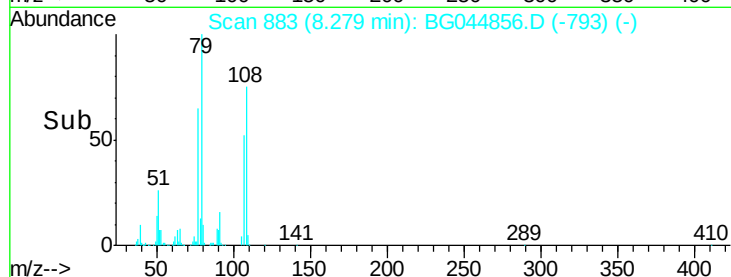
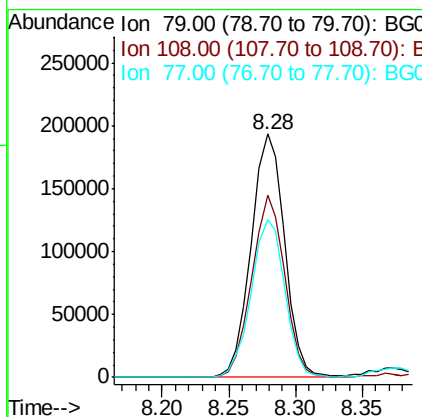
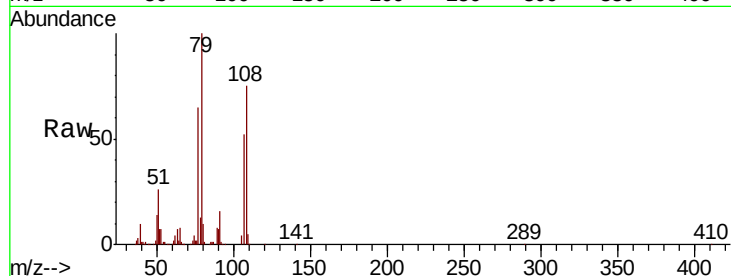
ClientSampled :

PB127536BS

Tot Ion:	79	Resp:	333879
Ion Ratio	Lower	Upper	
79	100		
108	75.0	53.8	80.8
77	64.8	47.8	71.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.398 ng

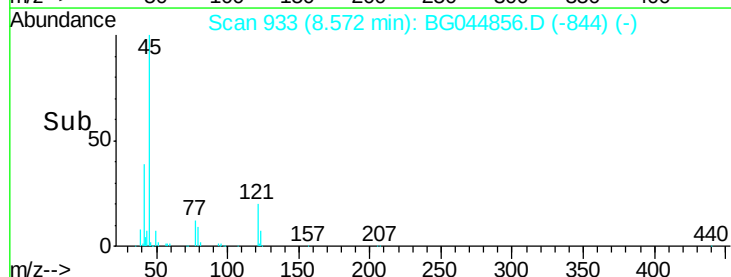
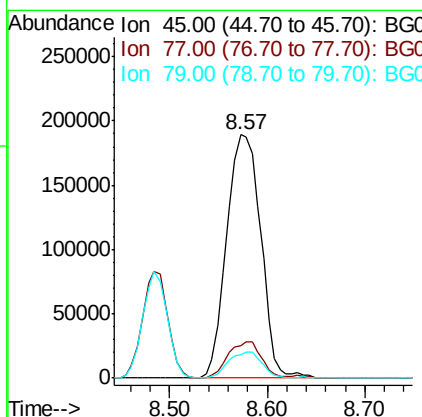
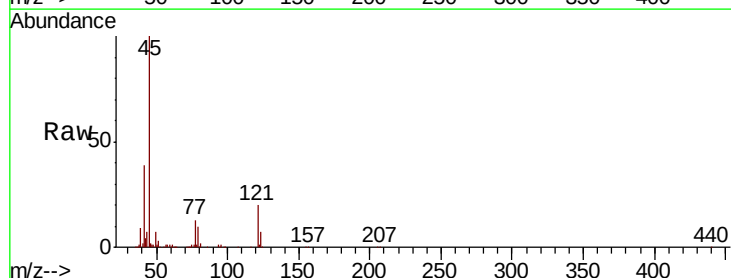
RT: 8.57 min Scan# 933

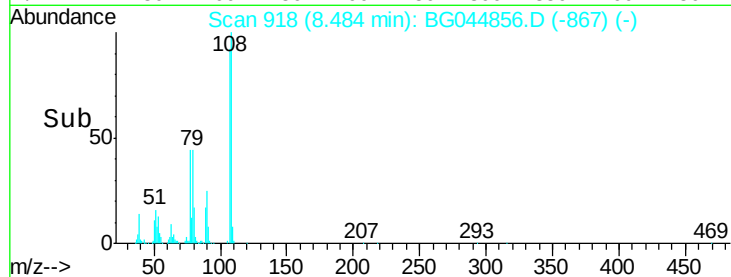
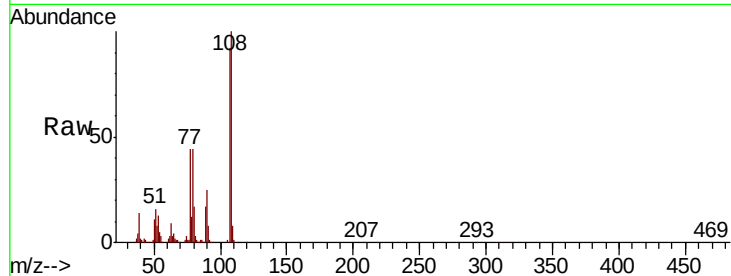
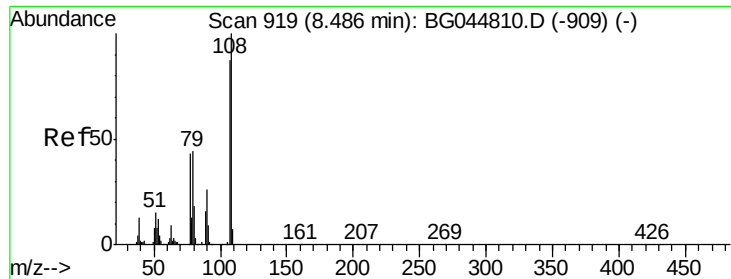
Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:	45	Resp:	460699
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	33.9
79	9.6	0.0	30.8





#17

2-Methylphenol

Concen: 53.282 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tot Ion	Ratio	Resp	Lower	Upper
107	100	299662		
108	108.2	91.8	137.8	
77	48.1	40.0	60.0	
79	47.7	40.2	60.2	

Instrument :

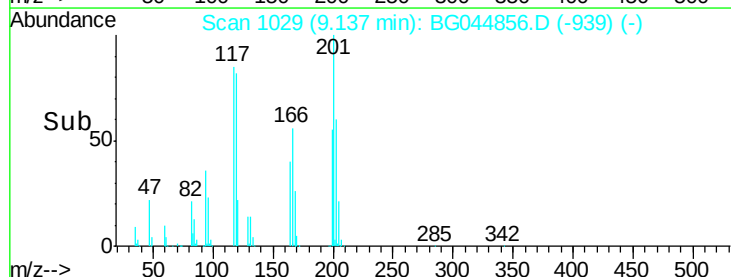
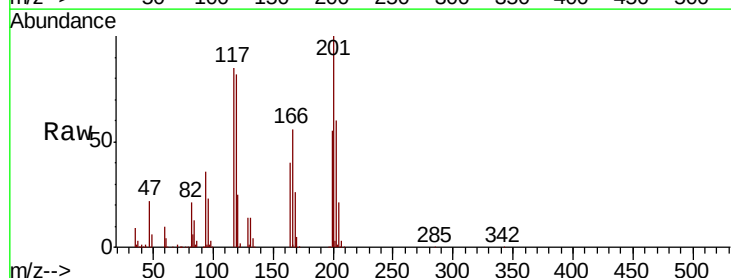
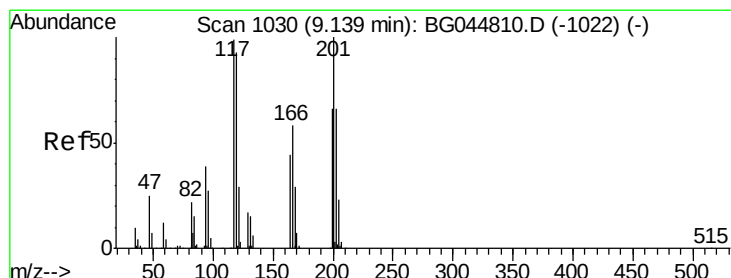
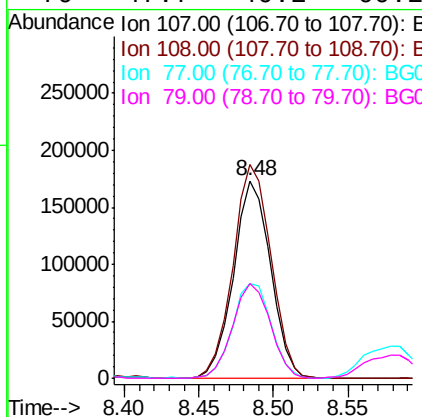
BNA_G

ClientSampleId :

PB127536BS

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#18

Hexachloroethane

Concen: 47.392 ng

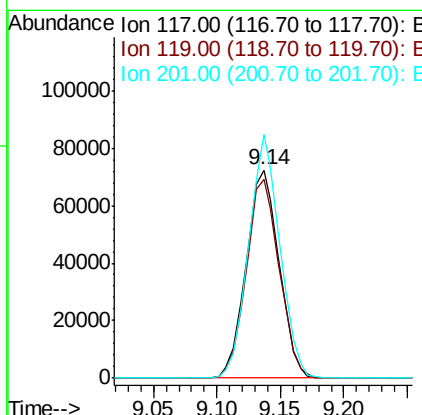
RT: 9.14 min Scan# 1029

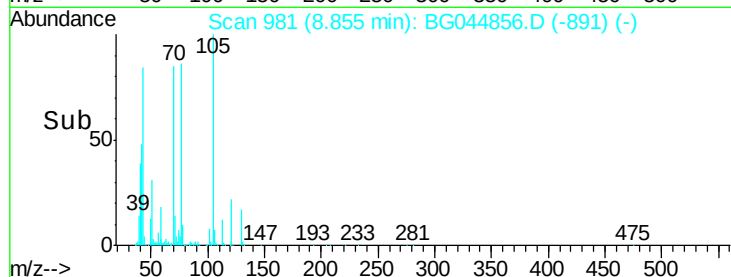
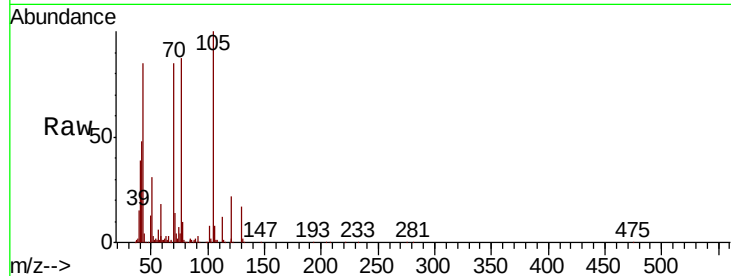
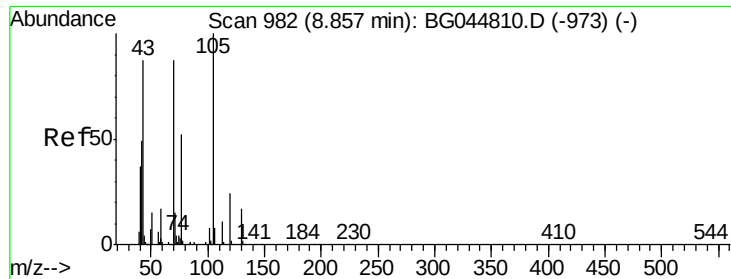
Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	130928		
119	95.6	75.2	112.8	
201	117.0	81.1	121.7	





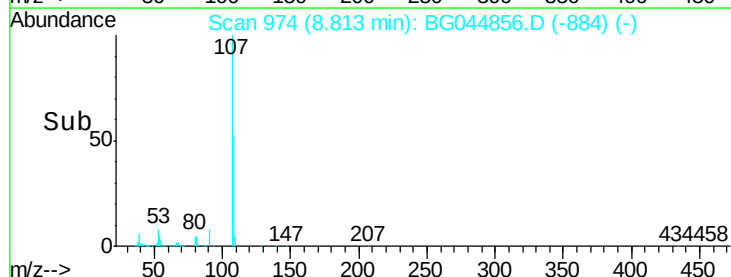
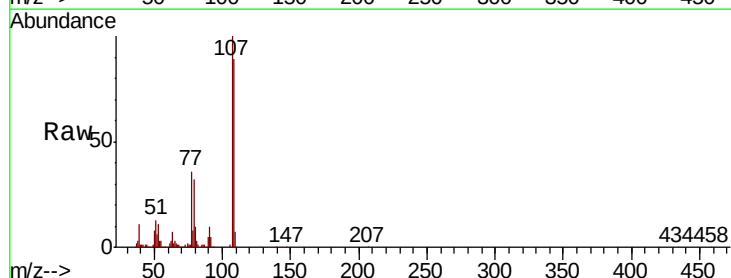
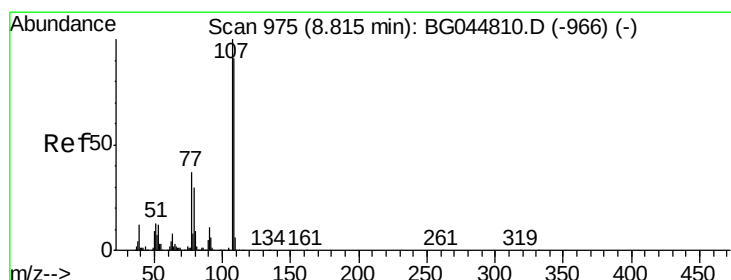
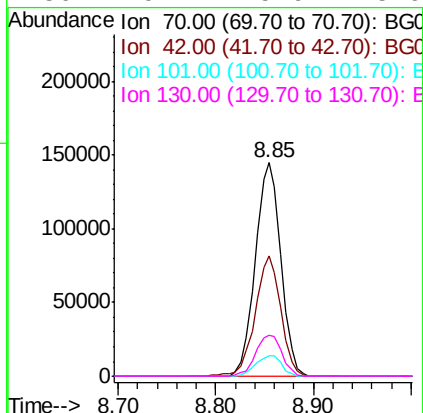
#19
n-Nitroso-di-n-propylamine
Concen: 44.926 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.4	45.7	68.5
101	9.6	7.4	11.2
130	19.4	15.9	23.9

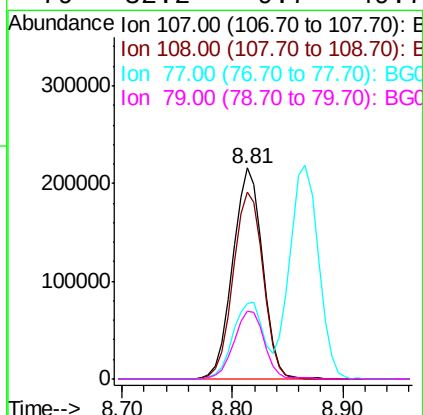
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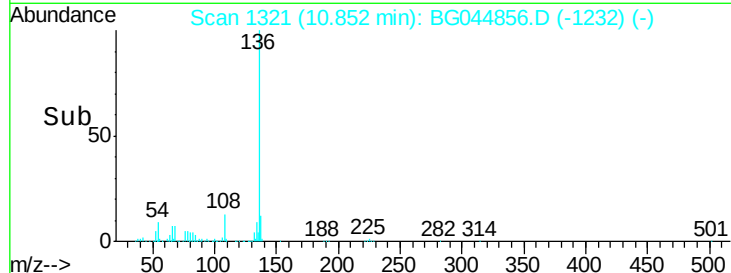
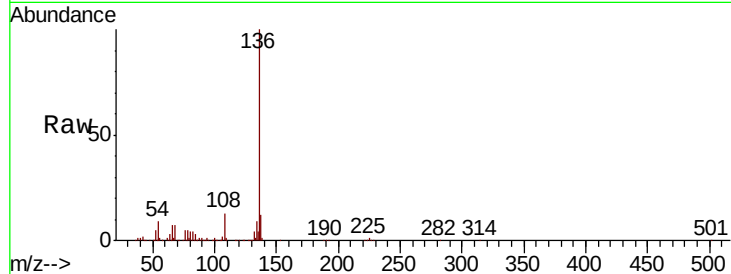
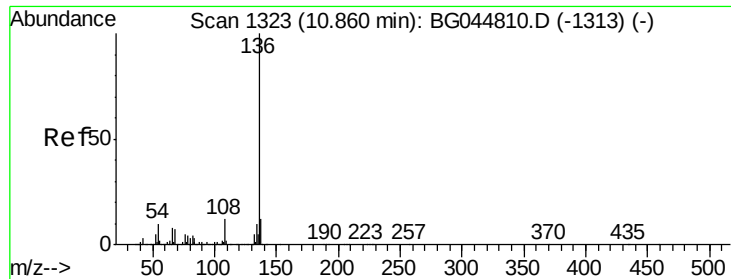
mohammad
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#20
3+4-Methylphenols
Concen: 52.858 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.3	111.3
77	36.0	16.9	56.9
79	32.2	9.7	49.7





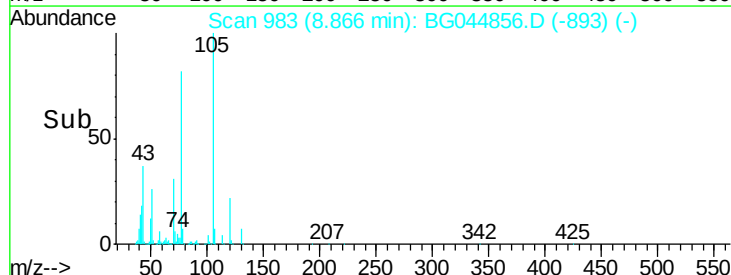
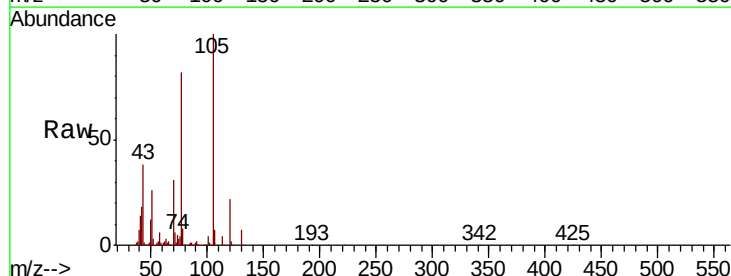
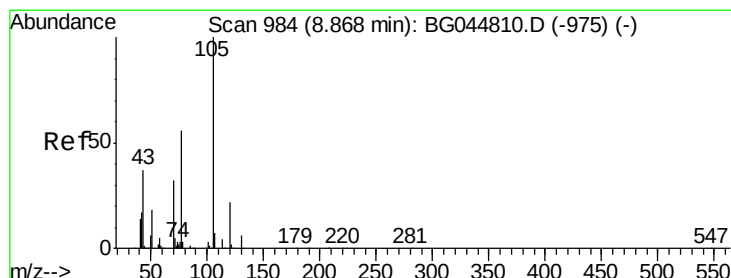
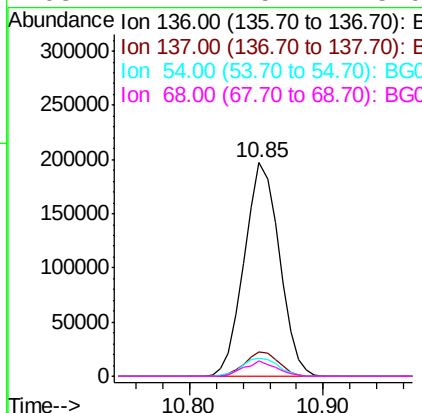
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tot Ion	Ratio	Resp	Lower	Upper
136	100	358626		
137	11.6	9.8	14.6	
54	8.6	7.9	11.9	
68	7.1	5.4	8.0	

Instrument :
BNA_G
ClientSampleId :
PB127536BS

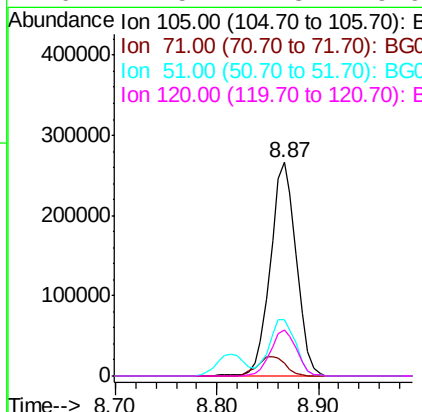
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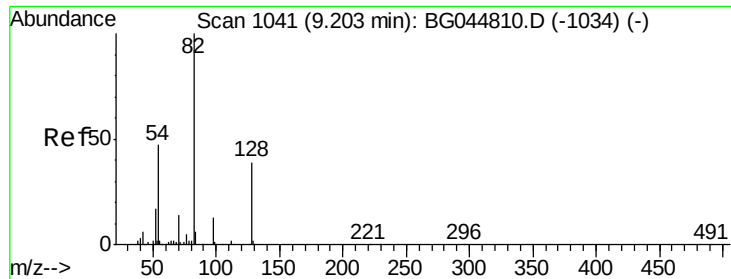
mohammad
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#22
Acetophenone
Concen: 47.030 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	477822		
71	5.9	3.9	5.9#	
51	26.3	22.6	33.8	
120	21.5	17.3	25.9	





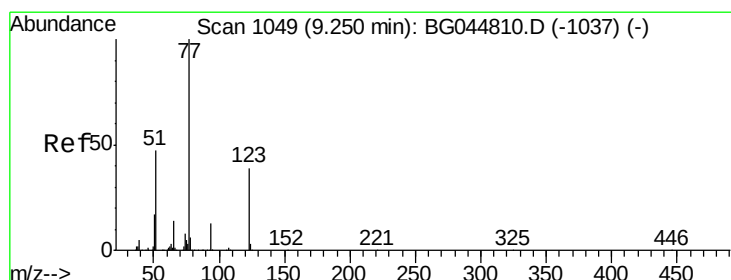
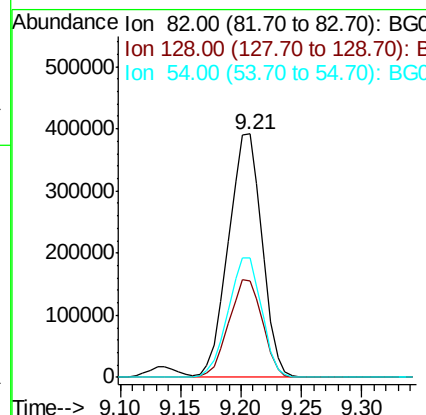
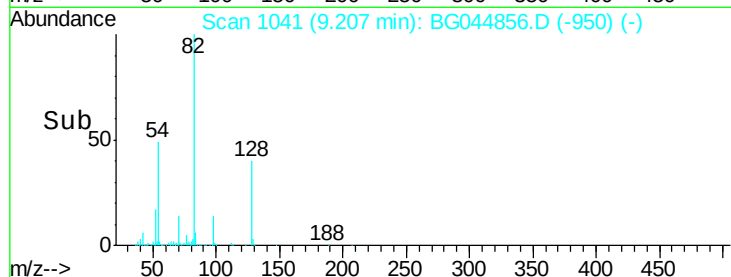
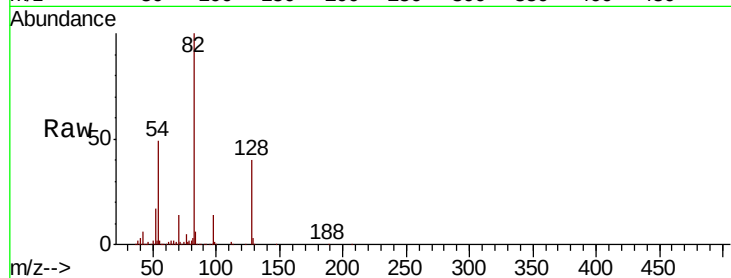
#23
 Nitrobenzene-d5
 Concen: 92.935 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.6	46.0
54	48.9	37.1	55.7

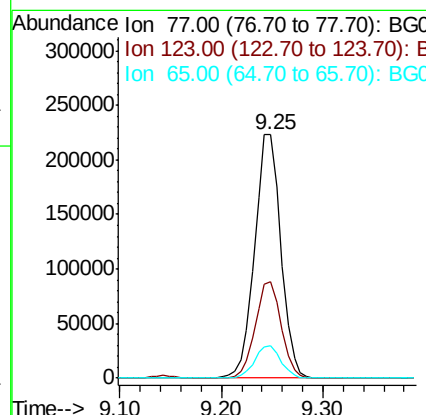
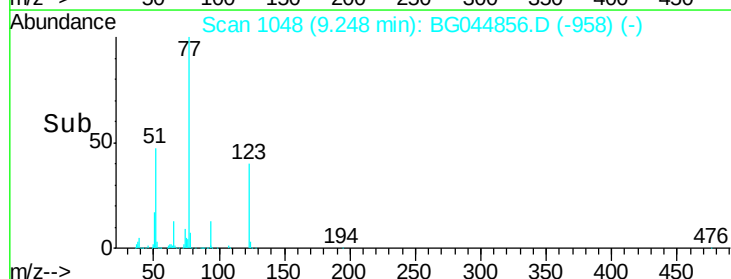
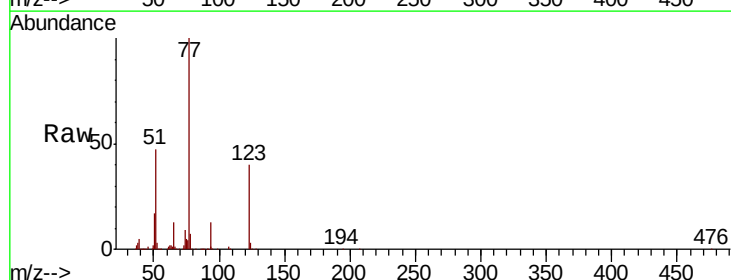
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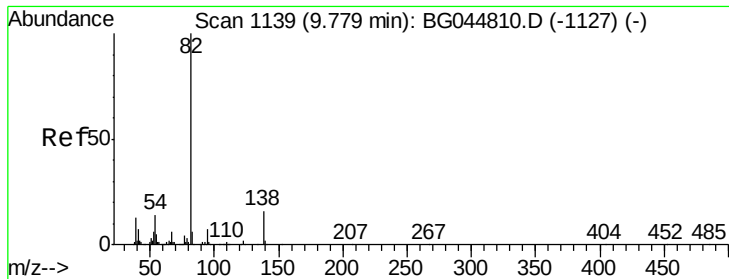
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#24
 Nitrobenzene
 Concen: 47.079 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.7	31.3	46.9
65	13.1	11.4	17.0





#25

Isophorone

Concen: 45.853 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

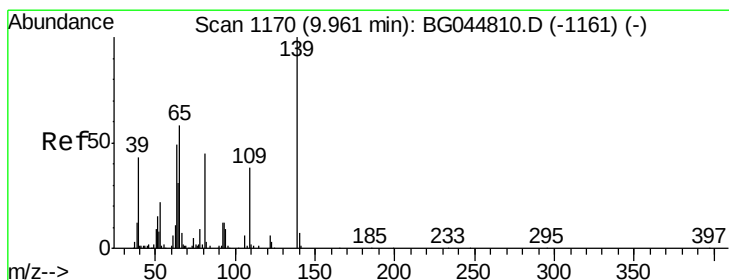
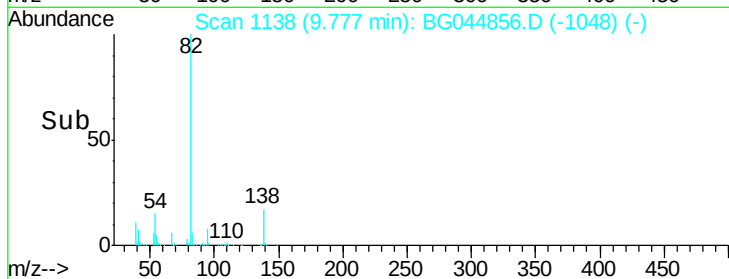
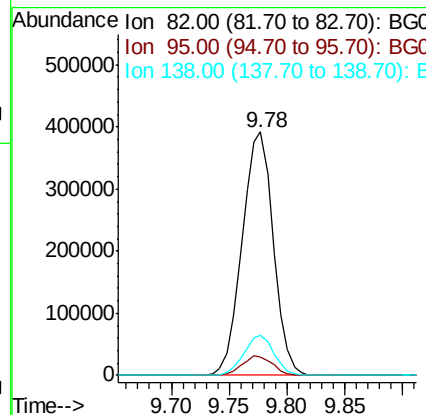
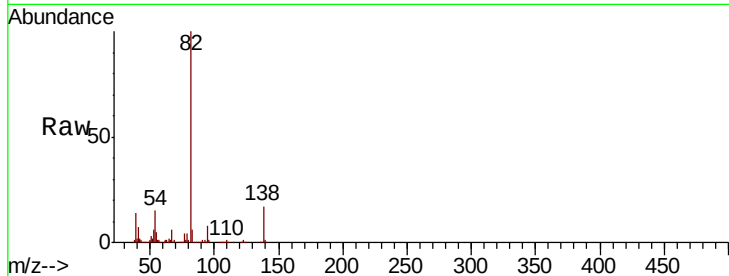
ClientSampleId :

PB127536BS

Tot Ion	82	Resp	731382
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.5	8.3
138	16.7	12.5	18.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 59.665 ng

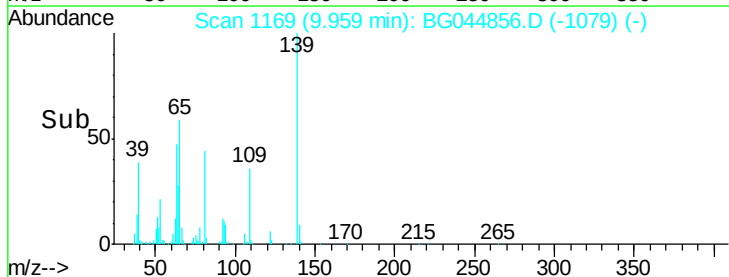
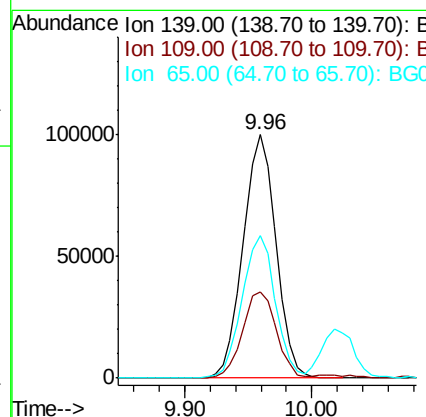
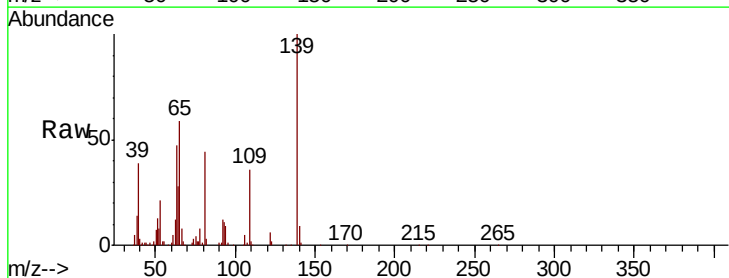
RT: 9.96 min Scan# 1169

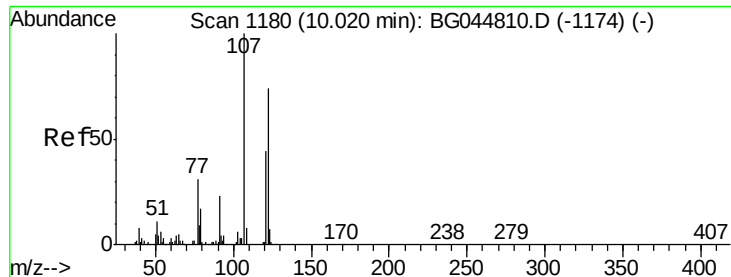
Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion	139	Resp	180113
Ion Ratio	Lower	Upper	
139	100		
109	35.5	30.2	45.4
65	58.6	46.3	69.5





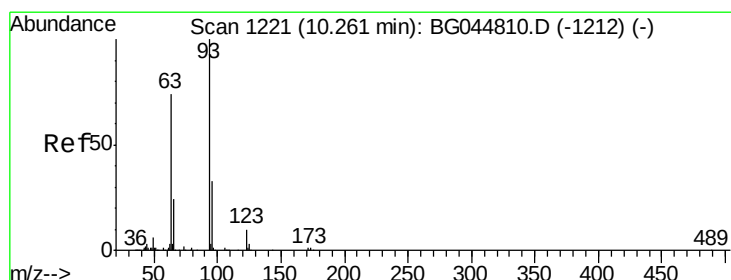
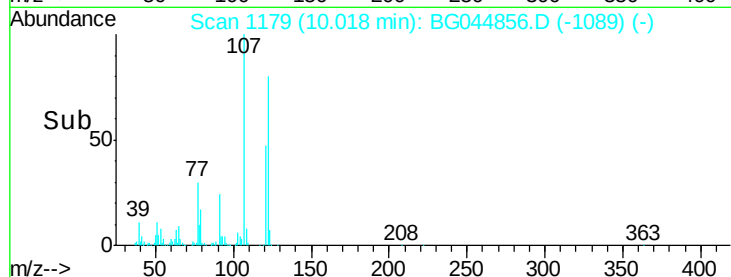
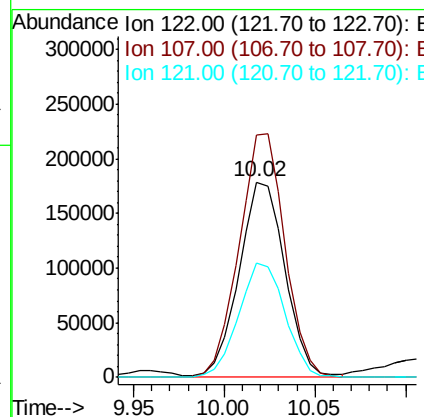
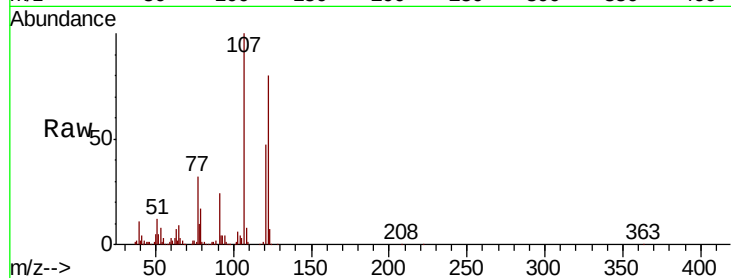
#27
2,4-Dimethylphenol
Concen: 60.105 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	124.4	107.1	160.7	
121	58.3	46.8	70.2	

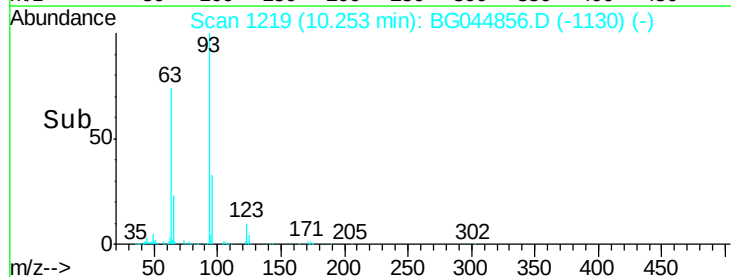
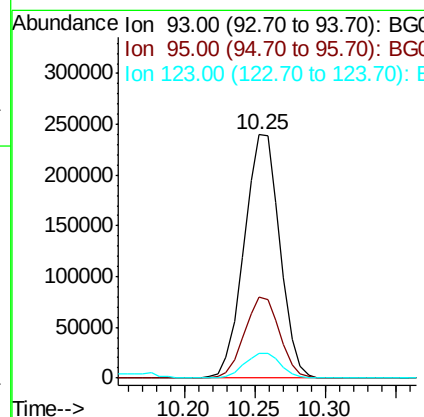
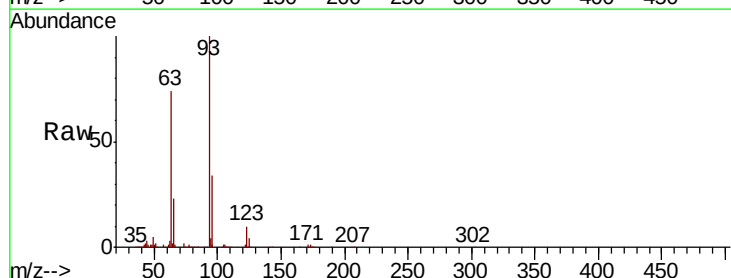
Manual Integrations
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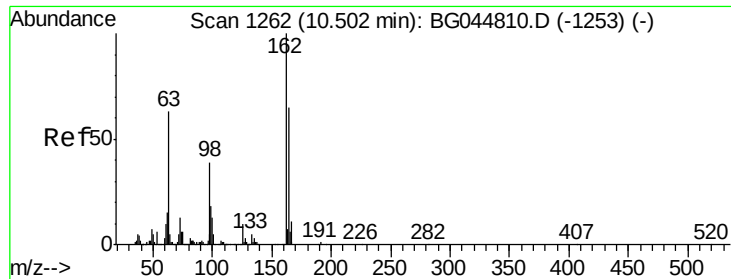
mohammad
3/18/2020 4:00:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.479 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.6	26.4	39.6	
123	10.4	8.4	12.6	





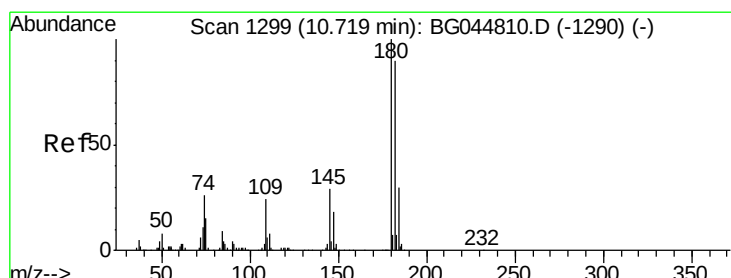
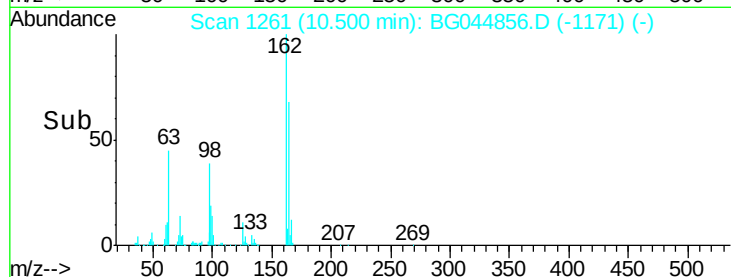
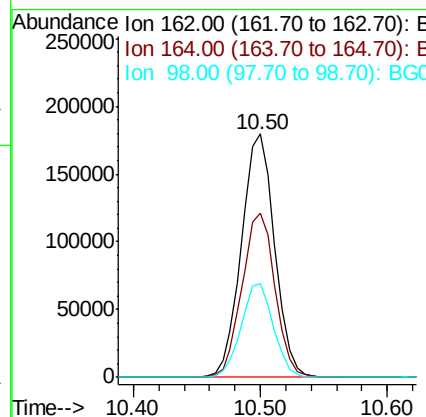
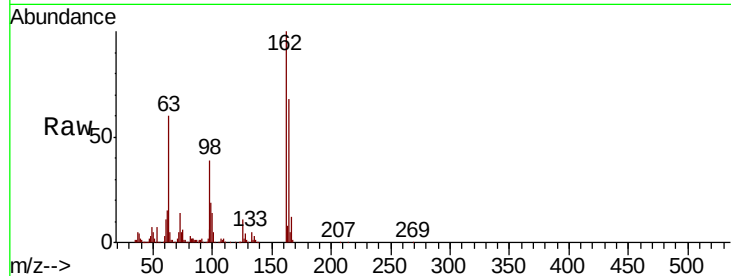
#29
 2,4-Dichlorophenol
 Concen: 53.520 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		324708		
164	67.5	45.2		85.2	
98	38.5	19.0		59.0	

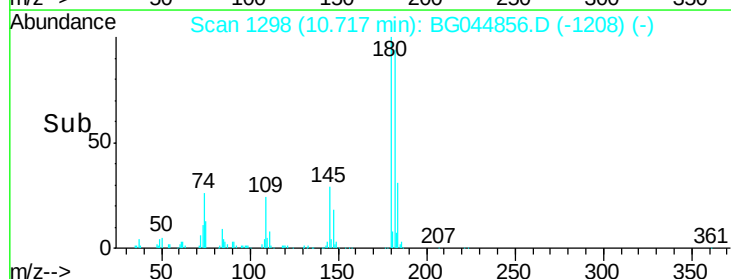
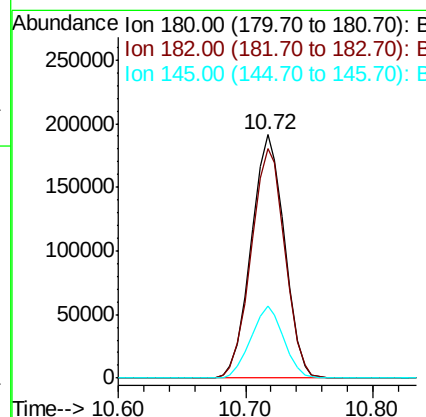
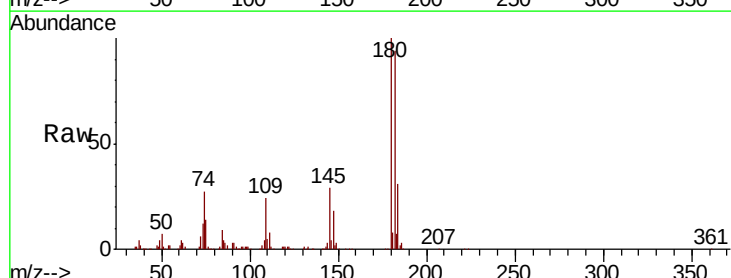
Manual Integrations
 APPROVED

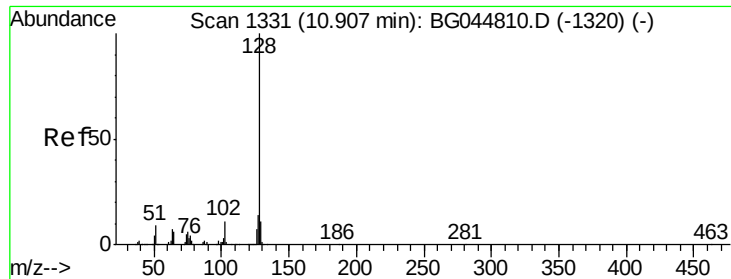
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.117 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		349062		
182	94.1	71.6		107.4	
145	29.5	23.4		35.0	





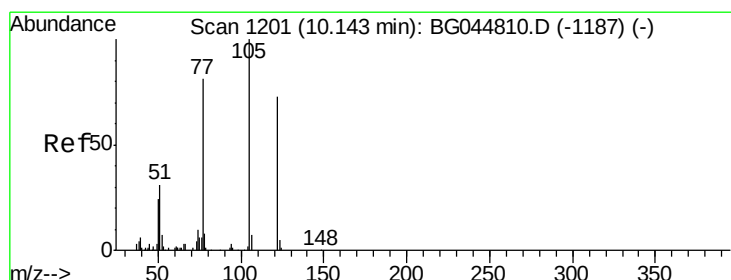
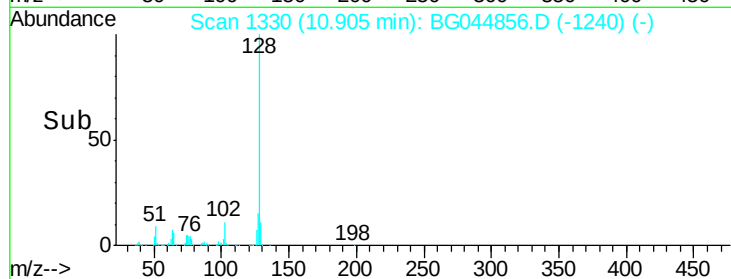
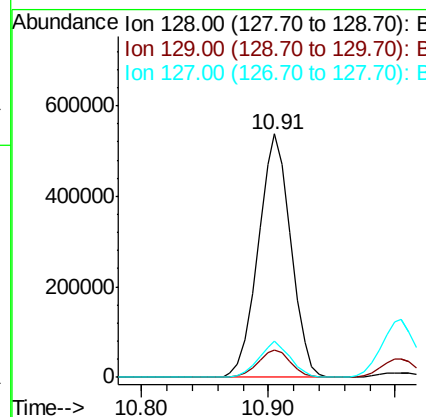
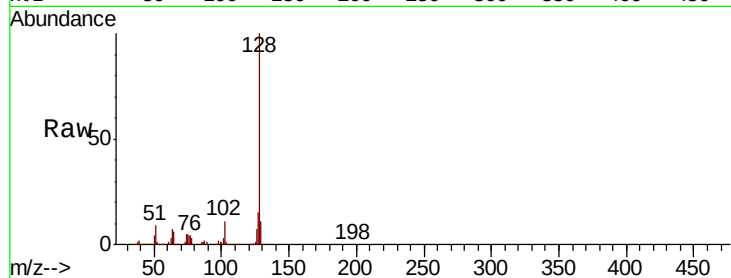
#31
Naphthalene
Concen: 48.287 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.4	9.0	13.4
127	14.9	10.8	16.2

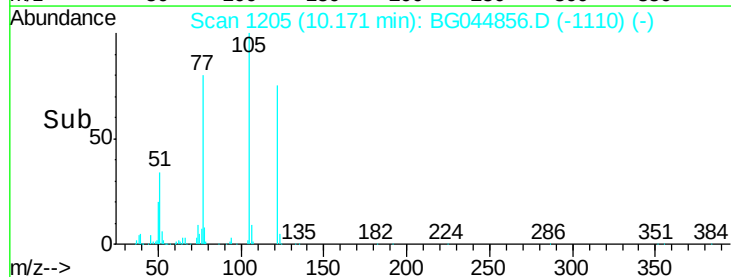
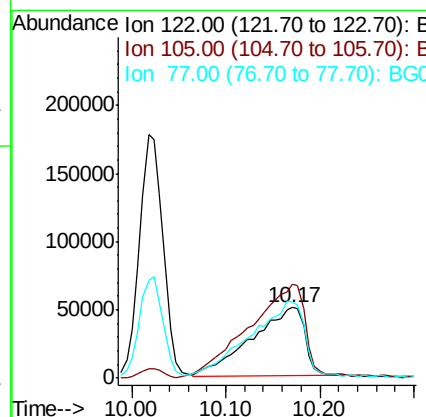
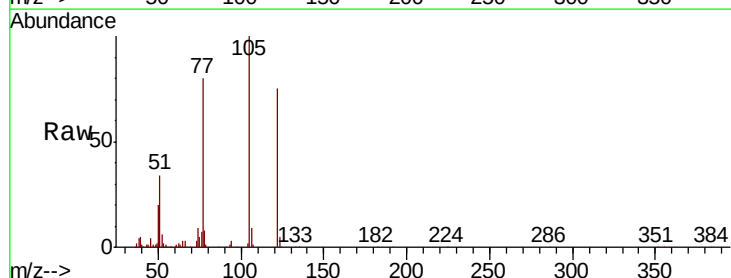
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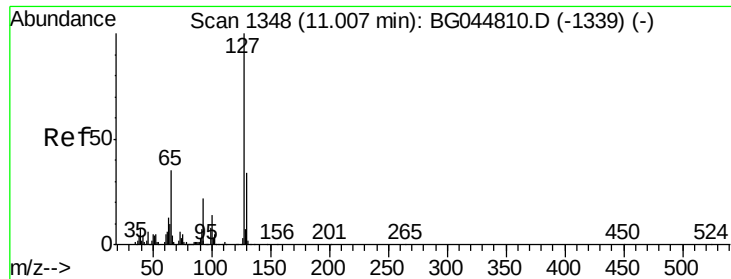
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#32
Benzoic acid
Concen: 49.168 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.03 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	134.1	109.1	149.1
77	107.3	85.3	125.3





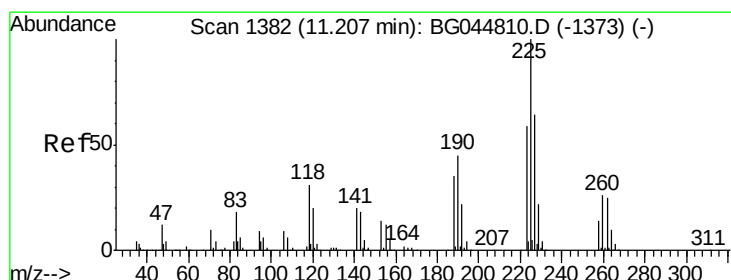
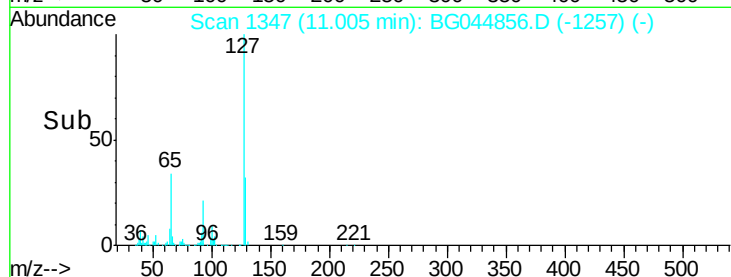
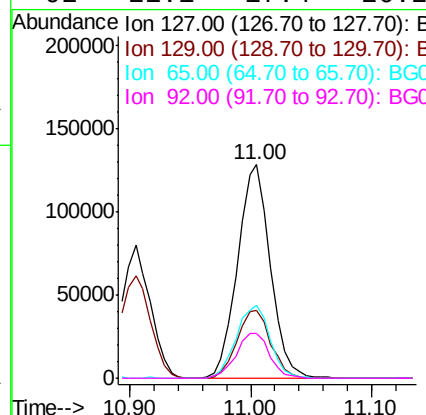
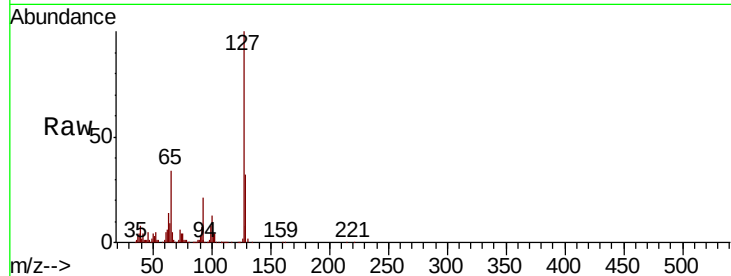
#33
4-Chloroaniline
Concen: 26.946 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.9	40.3		
65	34.4	27.7	41.5		
92	21.1	17.4	26.2		

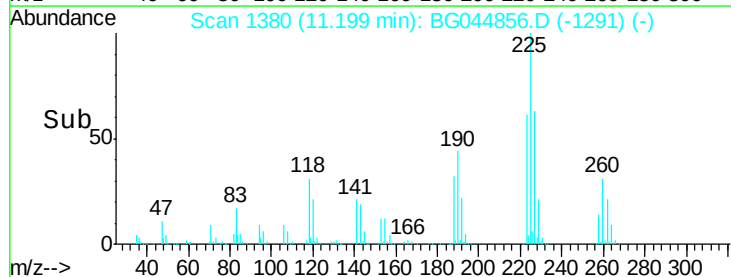
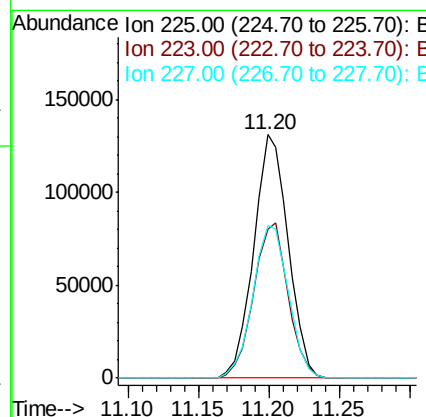
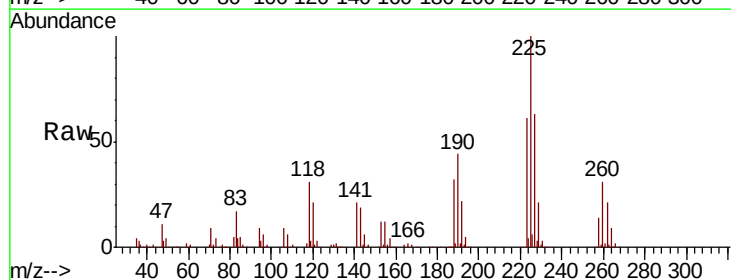
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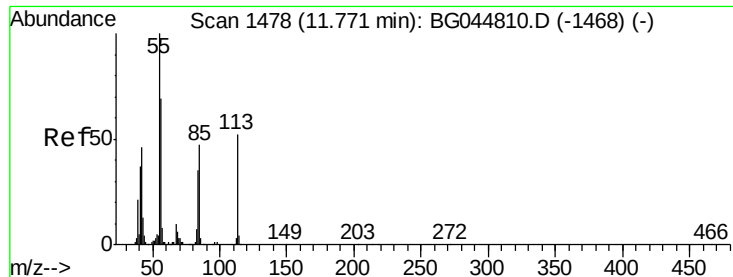
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#34
Hexachlorobutadiene
Concen: 47.200 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	47.4	71.0		
227	62.8	50.8	76.2		





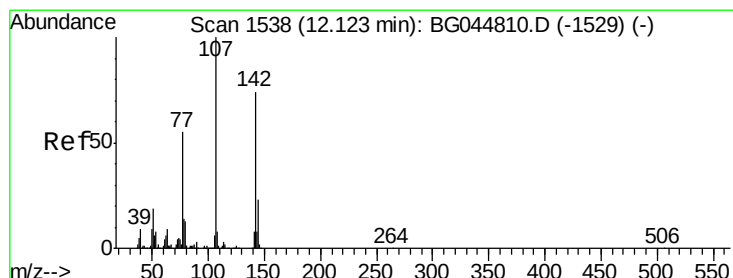
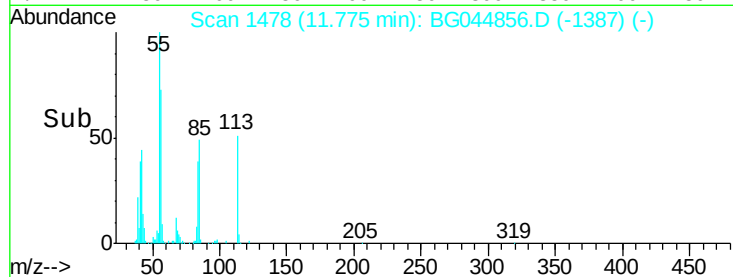
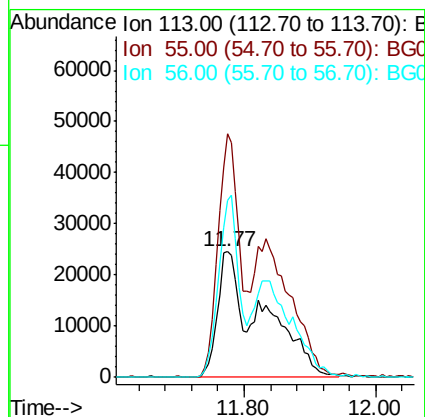
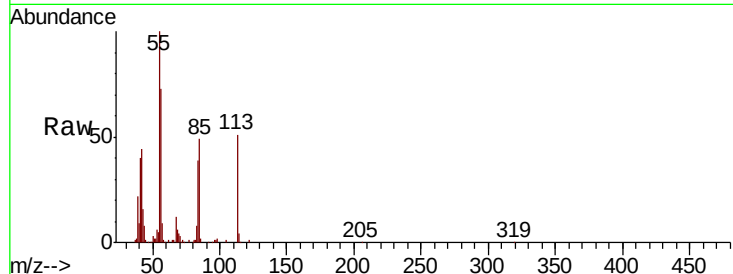
#35
 Caprolactam
 Concen: 50.347 ng/ml
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tot Ion:	113	Resp:	115653
Ion Ratio	Lower	Upper	
113	100		
55	194.3	173.8	213.8
56	141.7	113.8	153.8

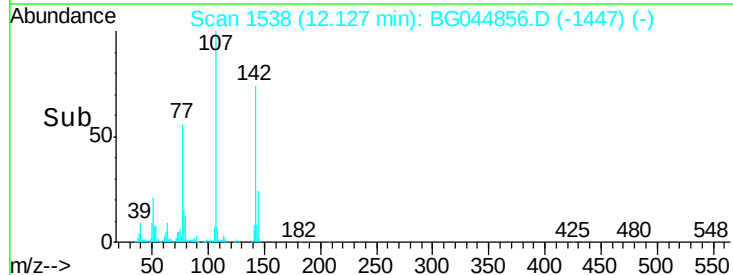
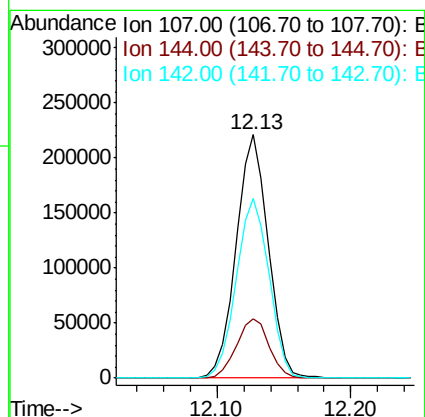
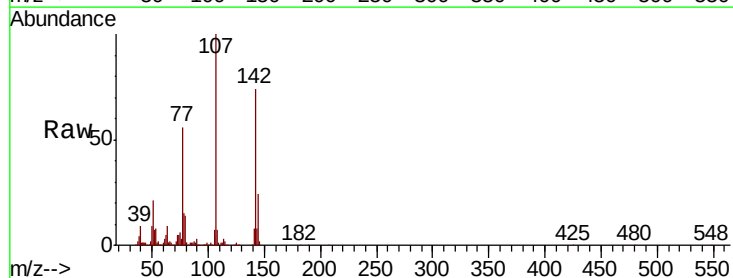
Manual Integrations
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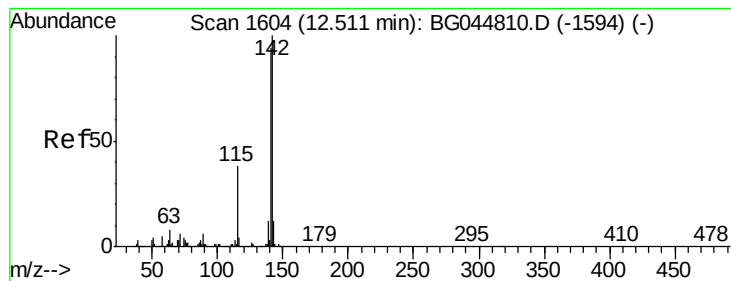
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#36
 4-Chloro-3-methylphenol
 Concen: 50.959 ng/ml
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion:	107	Resp:	368738
Ion Ratio	Lower	Upper	
107	100		
144	24.3	18.0	27.0
142	73.7	59.0	88.4





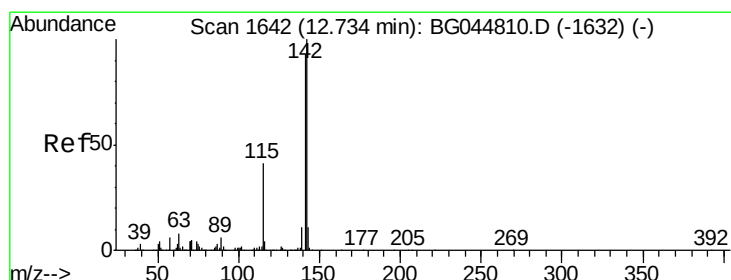
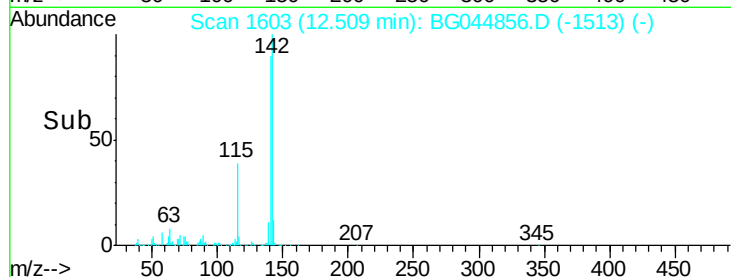
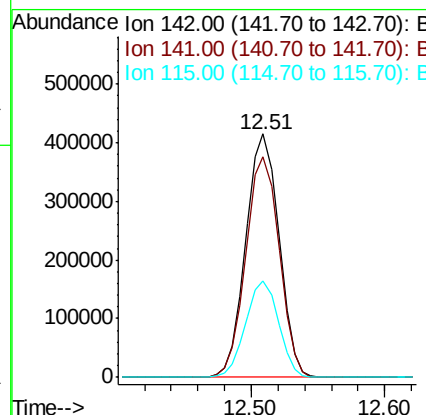
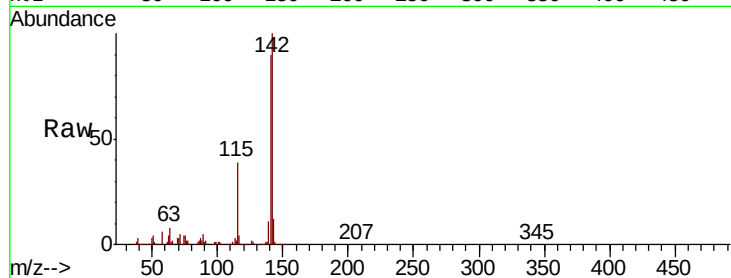
#37
2-Methylnaphthalene
Concen: 48.057 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	75.1	112.7
115	39.4	30.6	46.0

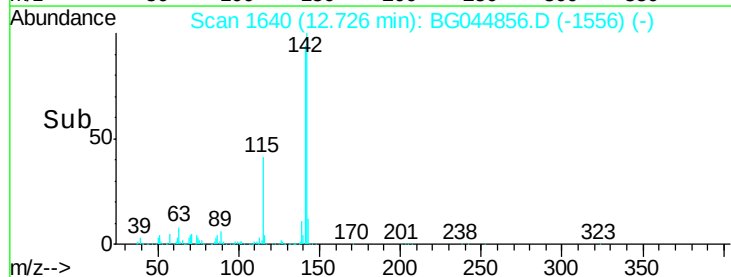
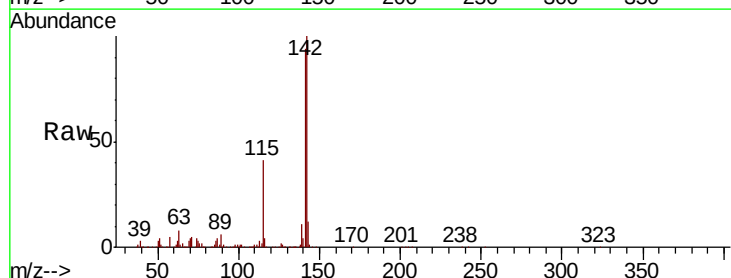
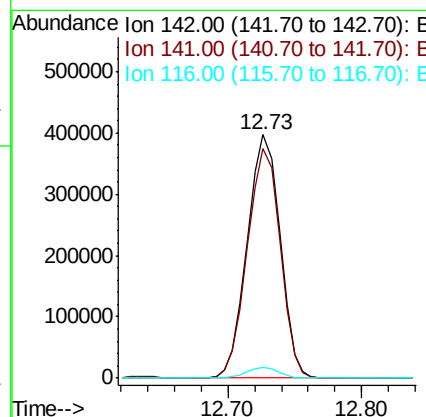
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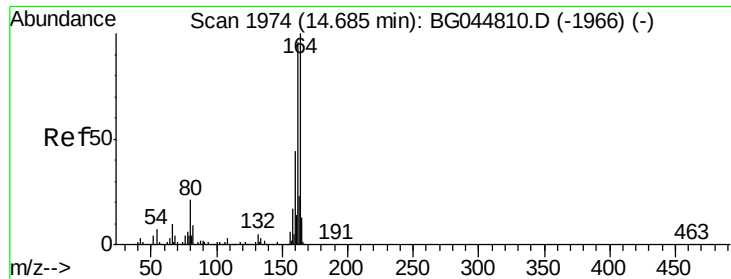
mohammad
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#38
1-Methylnaphthalene
Concen: 48.414 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.7	112.1
116	4.5	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

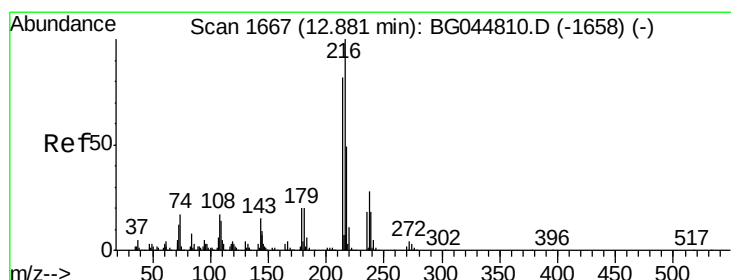
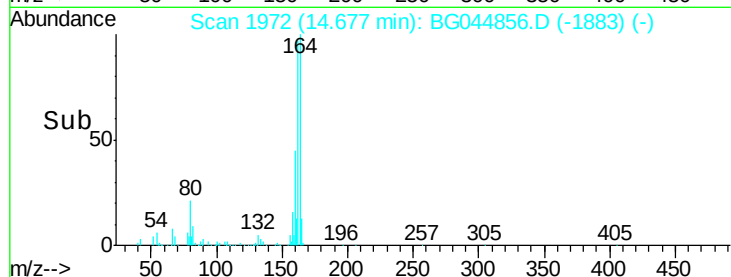
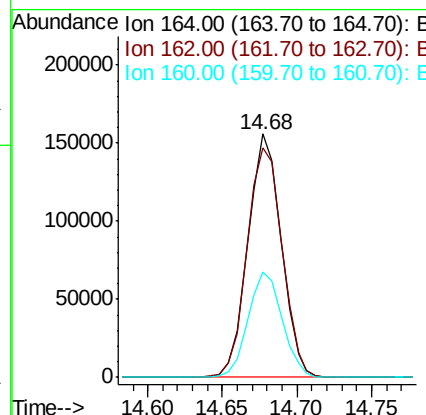
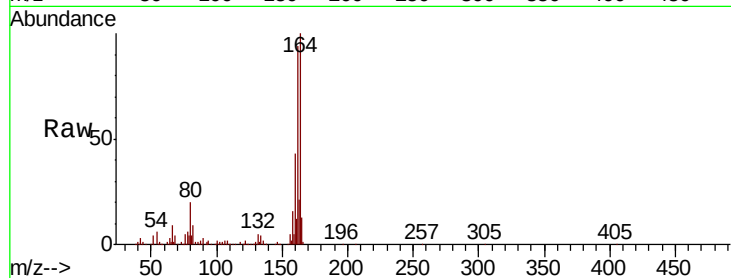
ClientSampleId :

PB127536BS

Tot Ion:	164	Resp:	240219
Ion Ratio	Lower	Upper	
164	100		
162	94.1	76.7	115.1
160	43.4	35.0	52.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.046 ng

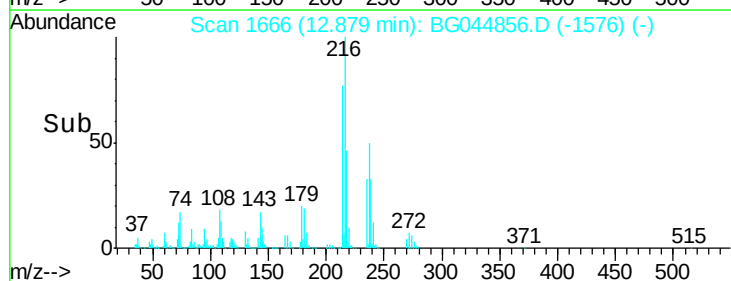
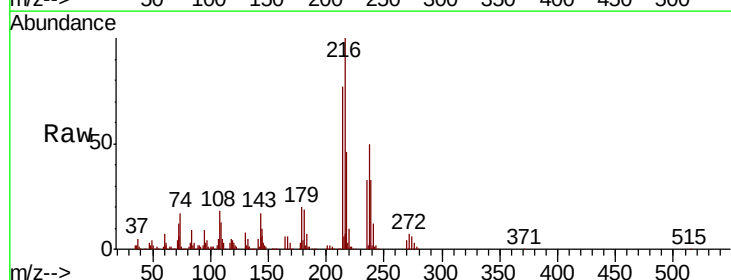
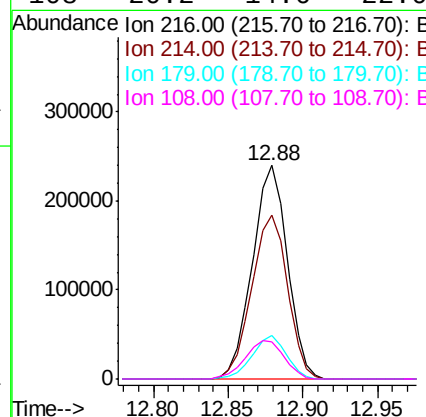
RT: 12.88 min Scan# 1666

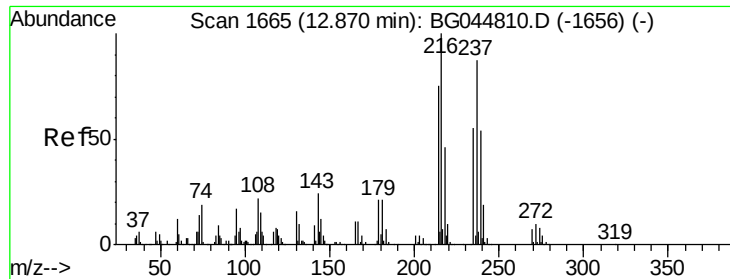
Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:	216	Resp:	388006
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.8	95.6
179	19.9	16.2	24.2
108	20.2	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 113.297 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

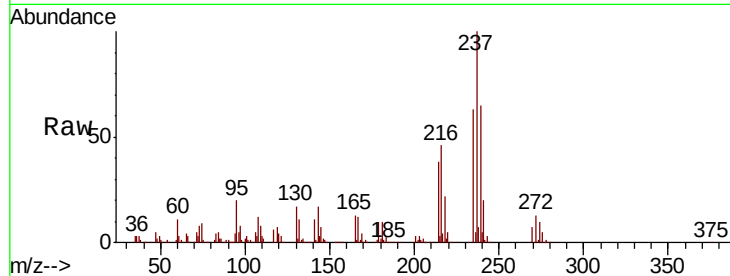
ClientSampleId :

PB127536BS

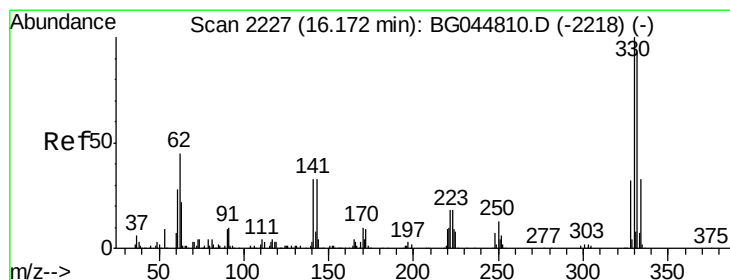
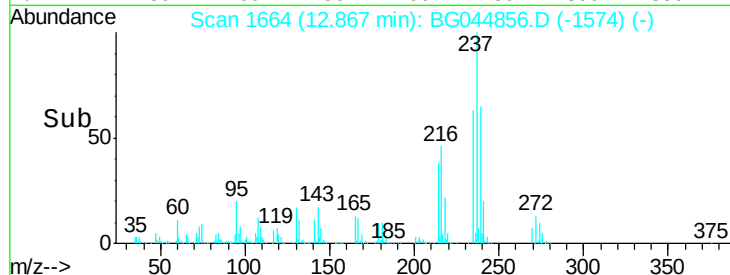
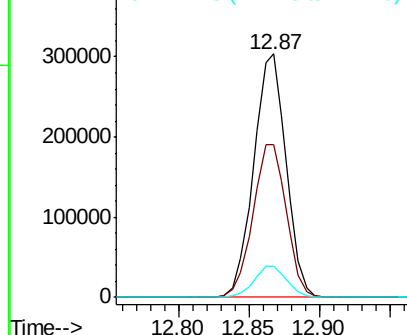
Tot Ion:	237	Resp:	489836
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.9	82.9
272	12.6	0.0	31.6

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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: 160.594 ng

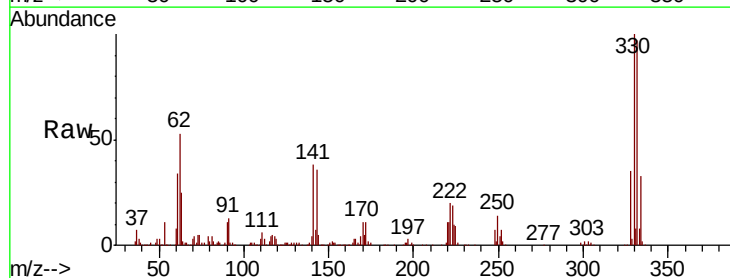
RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

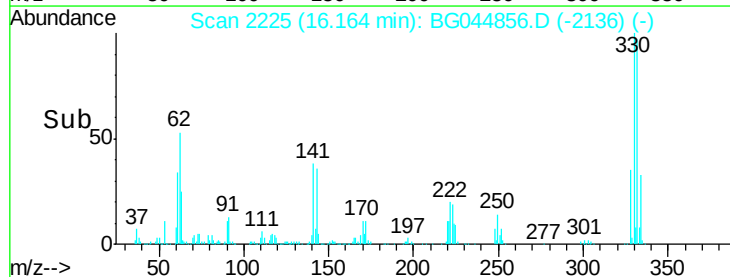
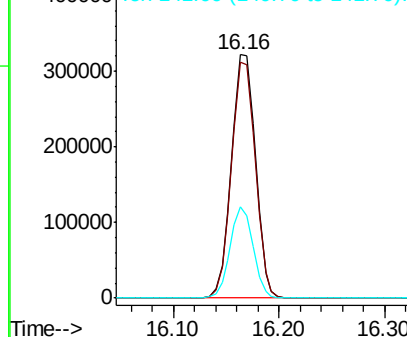
Lab File: BG044856.D

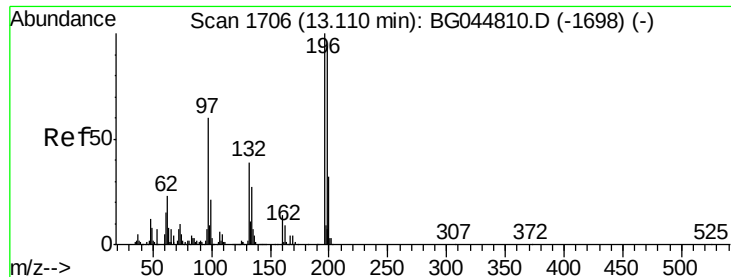
Acq: 18 Mar 2020 8:22

Tgt Ion:	330	Resp:	505117
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.8	116.6
141	36.1	29.5	44.3



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





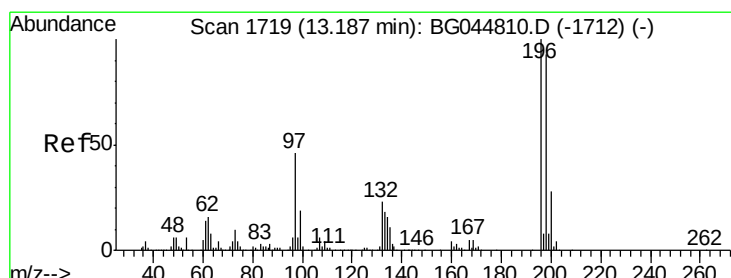
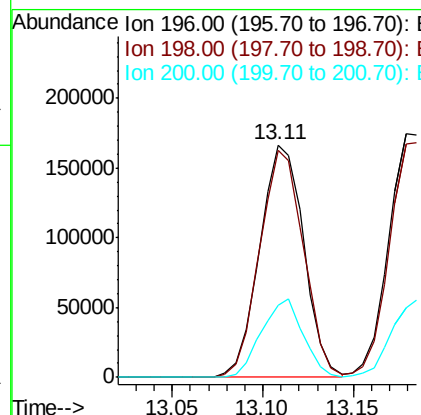
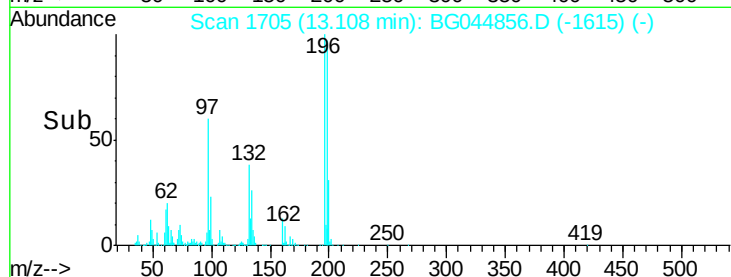
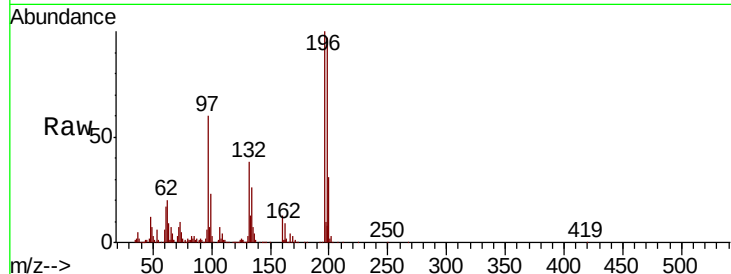
#43
 2,4,6-Trichlorophenol
 Concen: 53.668 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	281770		
198	97.5	74.9	112.3	
200	31.1	25.8	38.6	

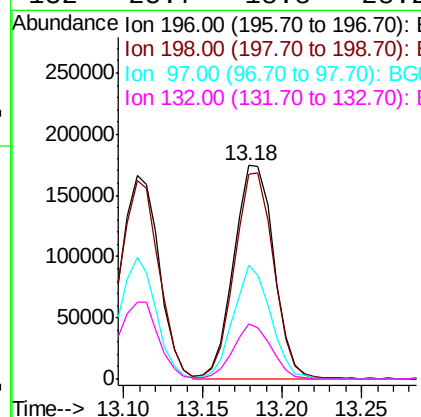
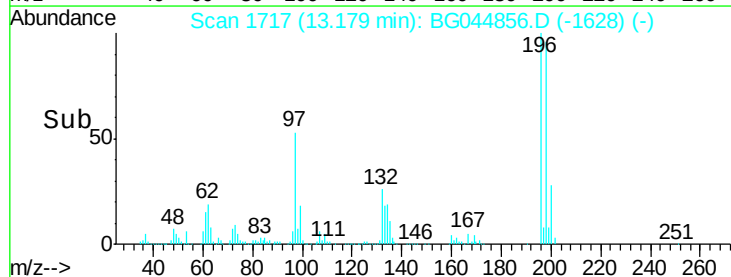
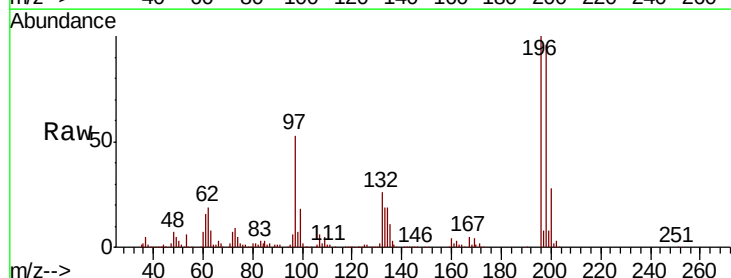
Manual Integrations
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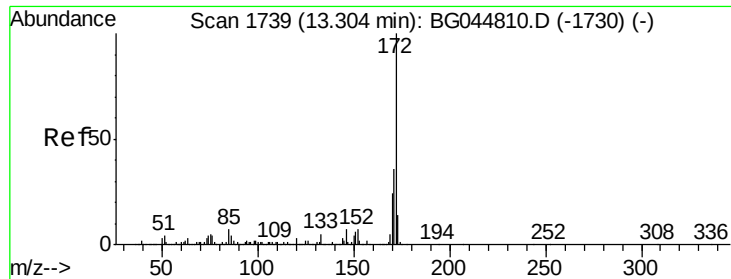
mohammad
 3/18/2020 4:00:31 PM



#44
 2,4,5-Trichlorophenol
 Concen: 55.819 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	303926		
198	95.7	74.2	111.4	
97	53.4	36.7	55.1	
132	25.7	18.8	28.2	





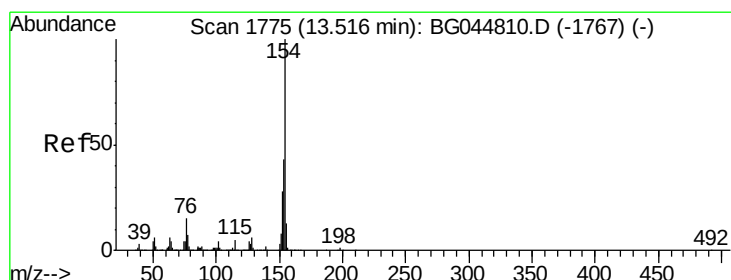
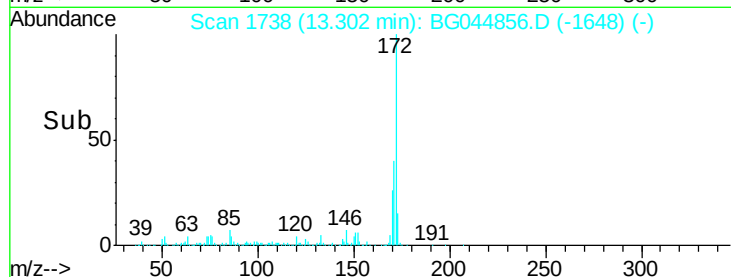
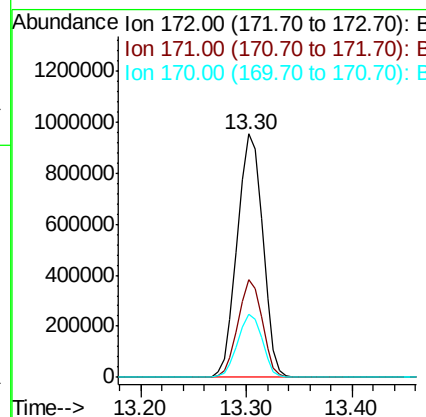
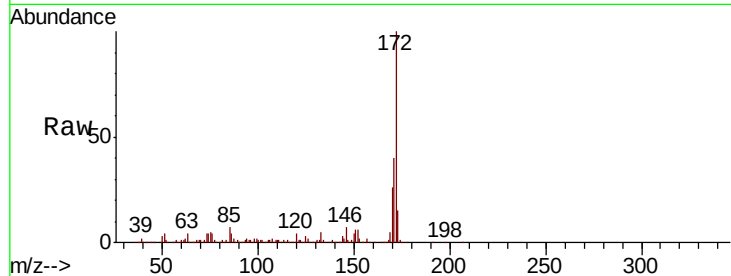
#45
2-Fluorobiphenyl
Concen: 94.798 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	40.2	28.7	43.1	
170	26.2	19.0	28.6	

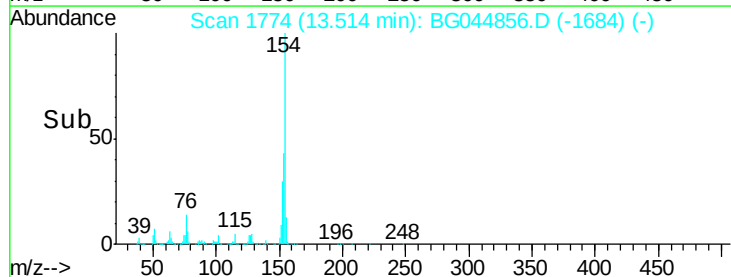
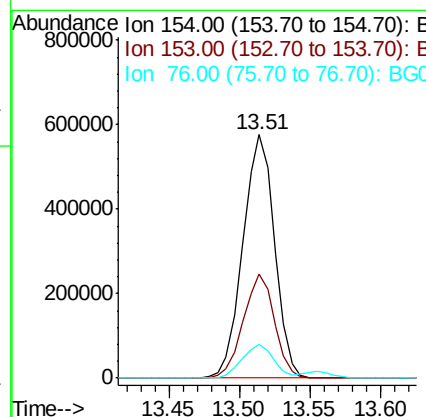
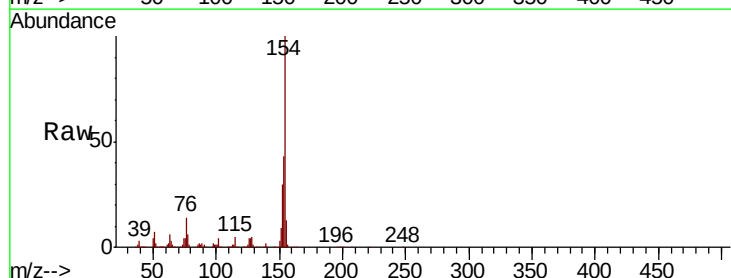
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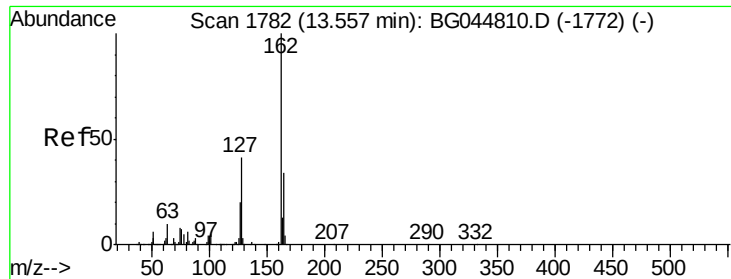
mohammad
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#46
1,1'-Biphenyl
Concen: 46.964 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.8	22.9	62.9	
76	13.8	0.0	34.6	





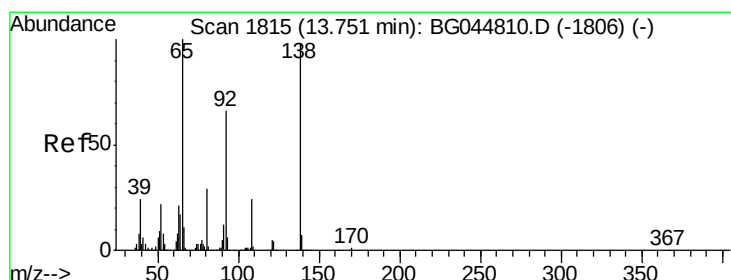
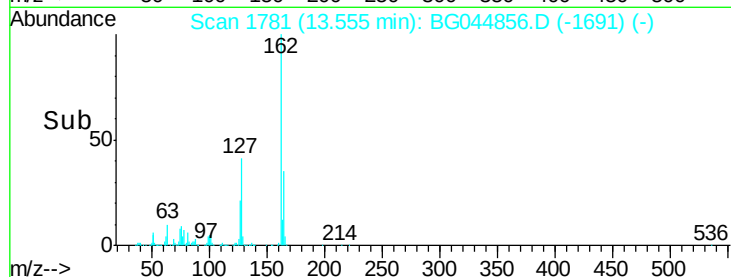
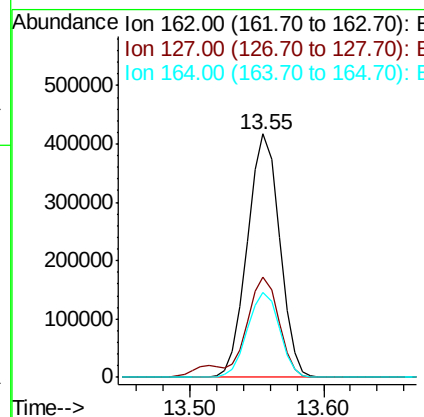
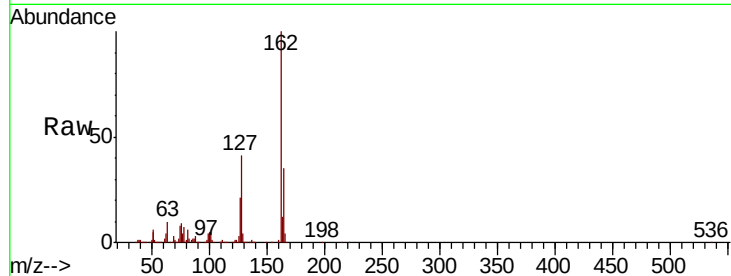
#47
2-Chloronaphthalene
Concen: 47.316 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.2	33.1	49.7
164	34.7	27.4	41.2

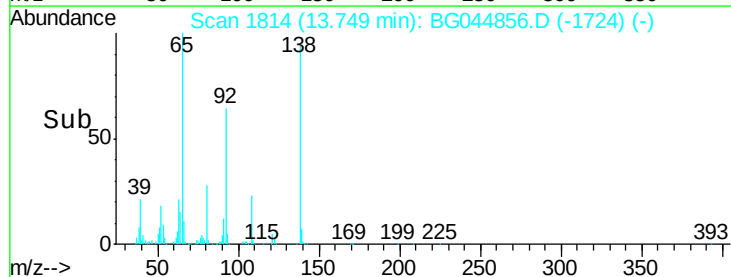
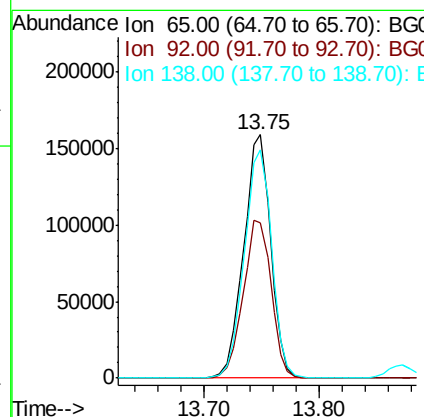
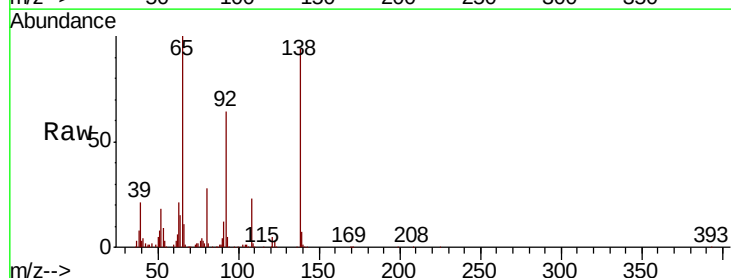
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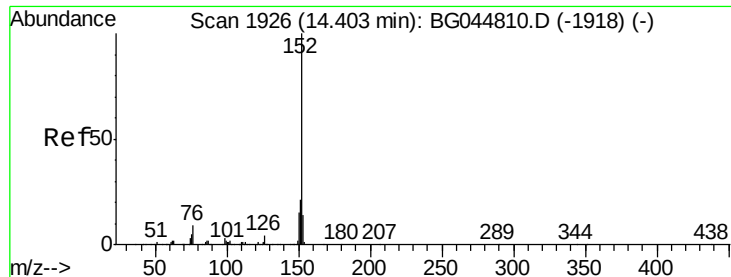
mohammad
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#48
2-Nitroaniline
Concen: 50.268 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	63.7	52.6	79.0
138	94.0	78.3	117.5





#49

Acenaphthylene

Concen: 50.330 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tot Ion:152 Resp: 1156279

Ion Ratio Lower Upper

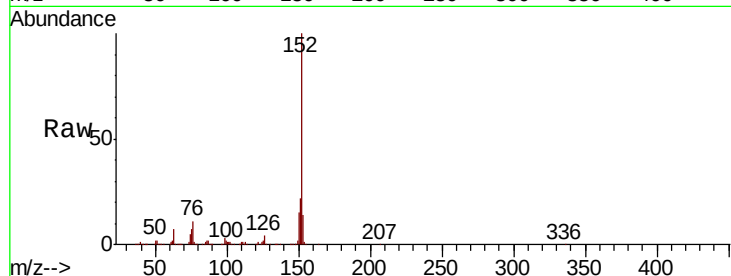
152 100

151 21.6 16.8 25.2

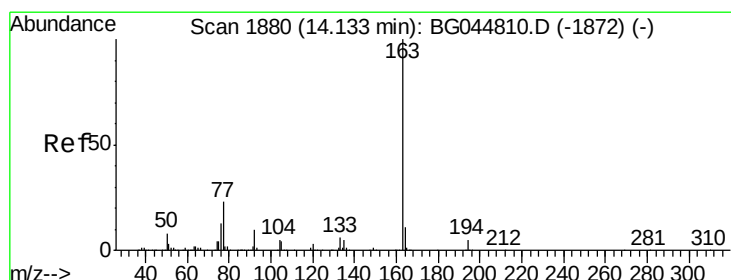
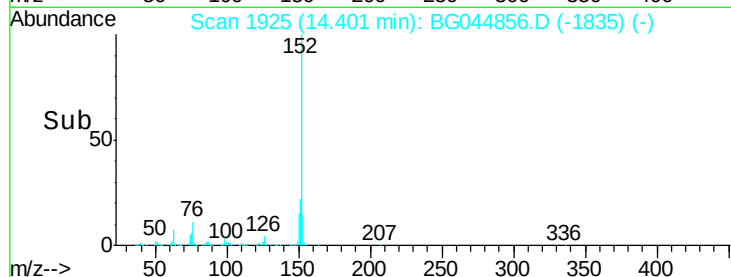
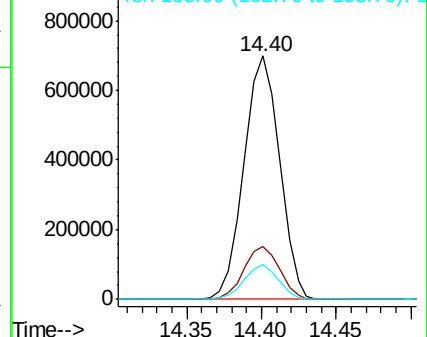
153 14.2 10.8 16.2

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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: 47.492 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

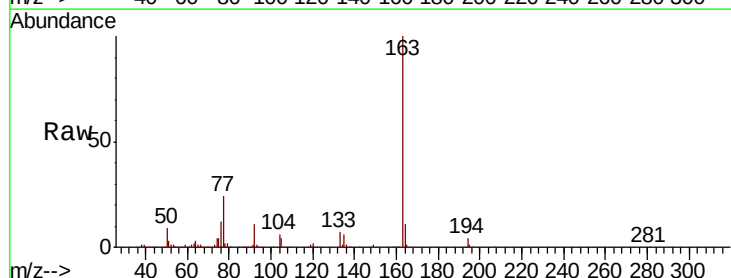
Tgt Ion:163 Resp: 908641

Ion Ratio Lower Upper

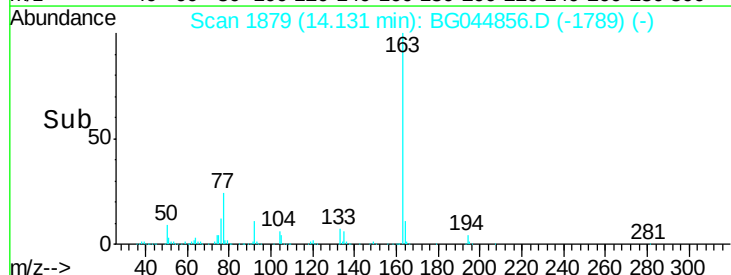
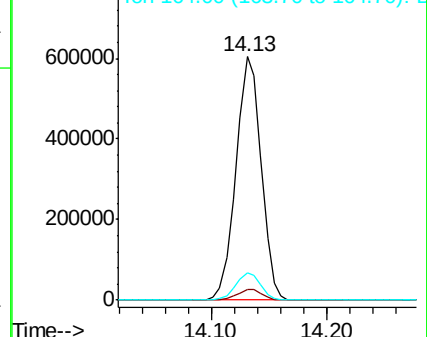
163 100

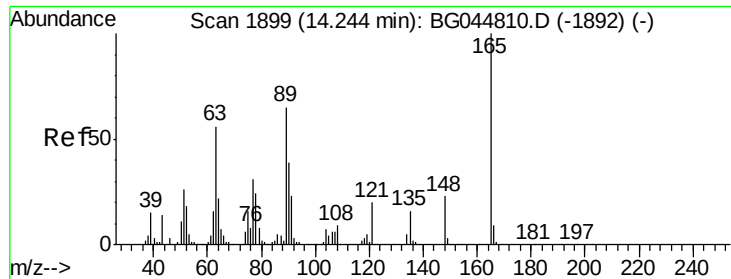
194 4.4 3.7 5.5

164 11.4 9.1 13.7



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





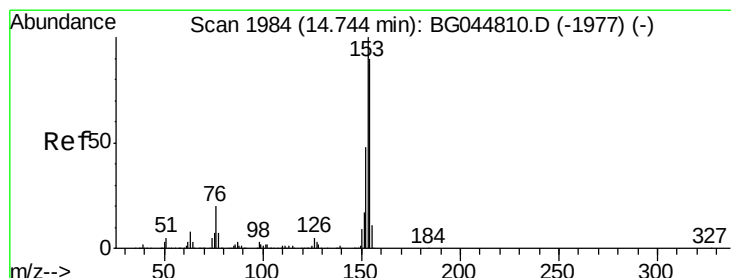
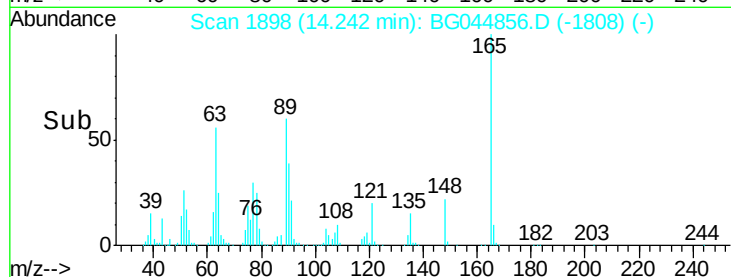
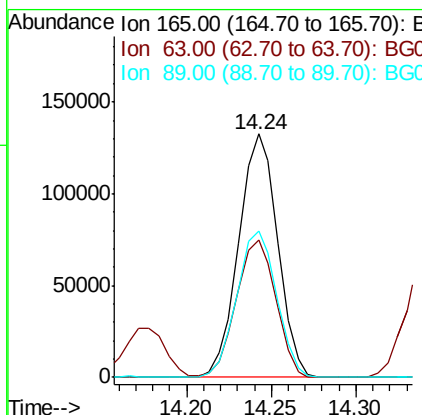
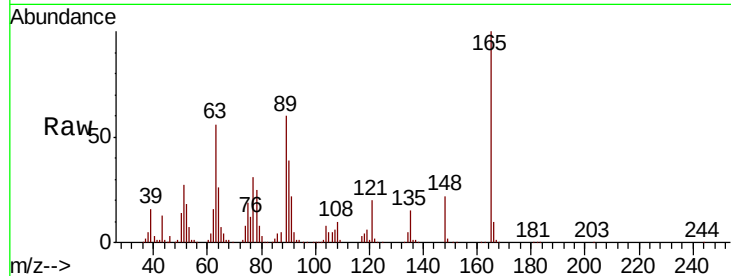
#51
2,6-Dinitrotoluene
Concen: 55.059 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	212334		
63	56.5	45.8	68.8	
89	60.2	51.8	77.6	

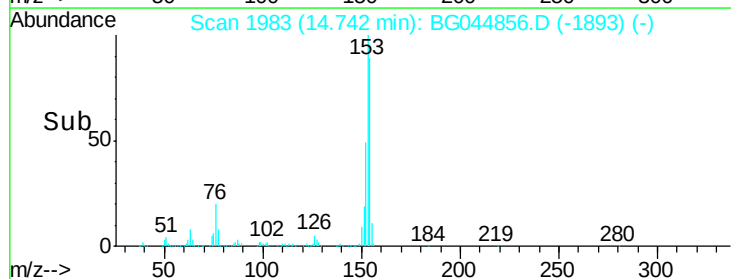
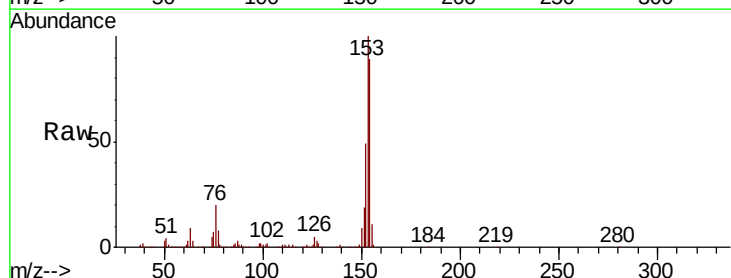
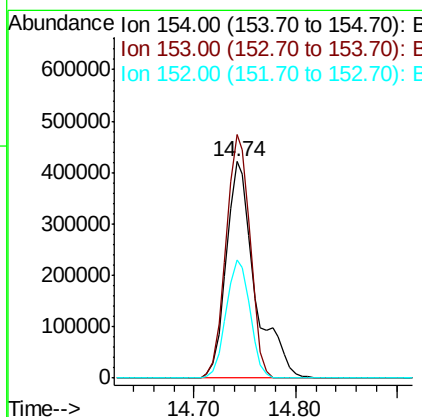
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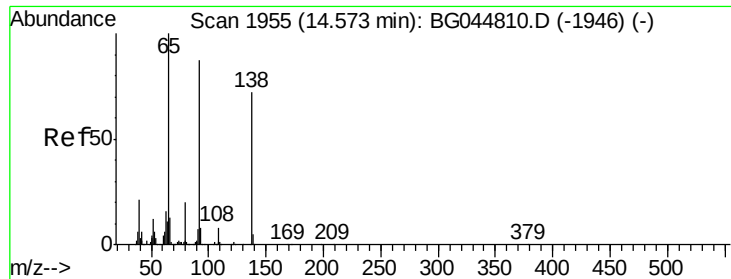
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#52
Acenaphthene
Concen: 55.063 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	828475		
153	112.5	89.0	133.6	
152	54.6	43.0	64.6	





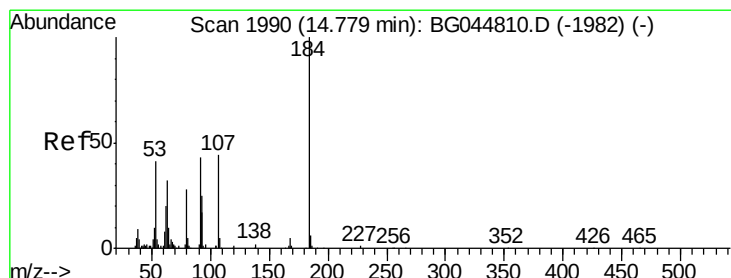
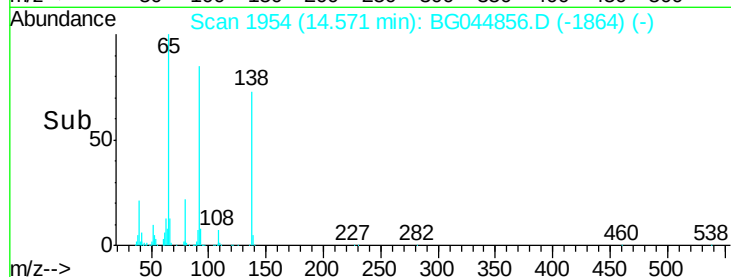
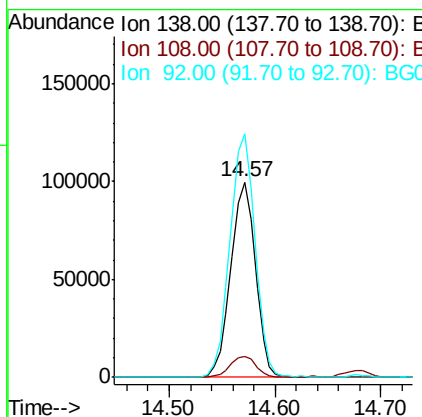
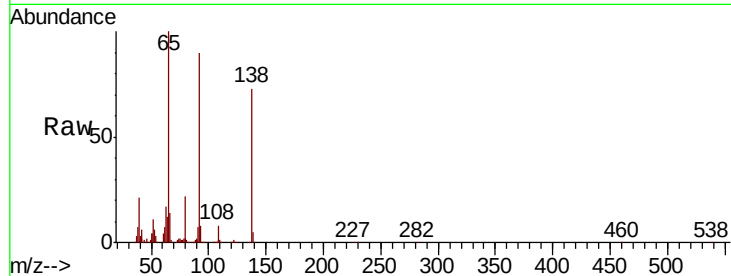
#53
 3-Nitroaniline
 Concen: 36.360 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.0	13.4
92	124.6	96.8	145.2

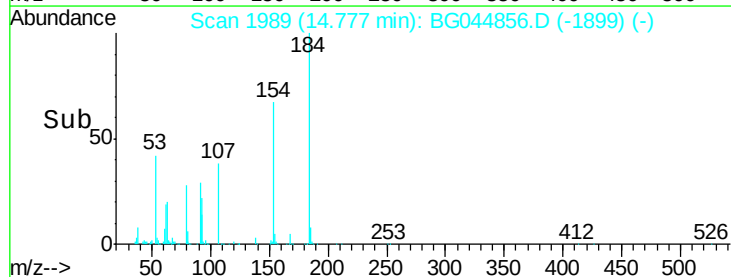
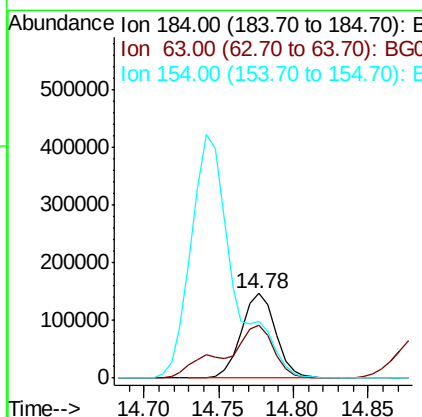
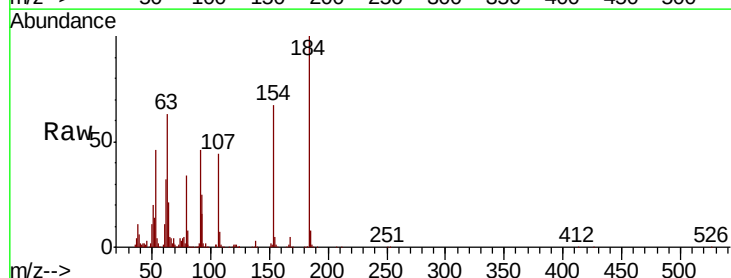
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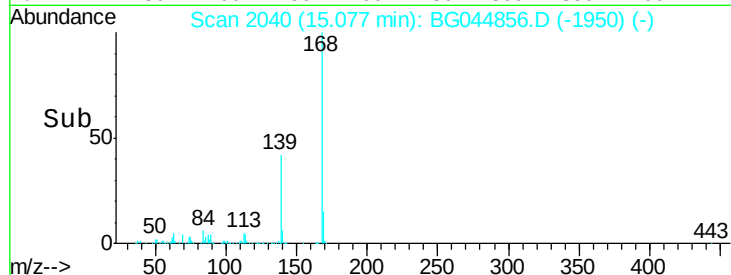
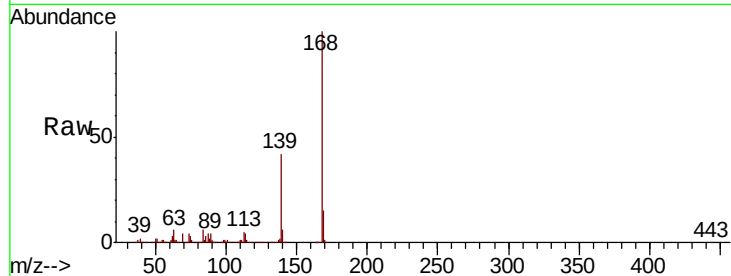
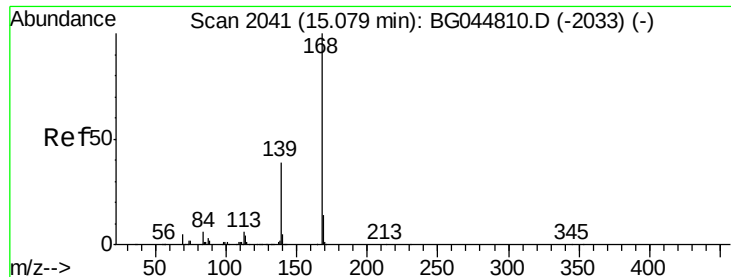
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#54
 2,4-Dinitrophenol
 Concen: 112.164 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.8	45.5	68.3
154	66.7	49.1	73.7





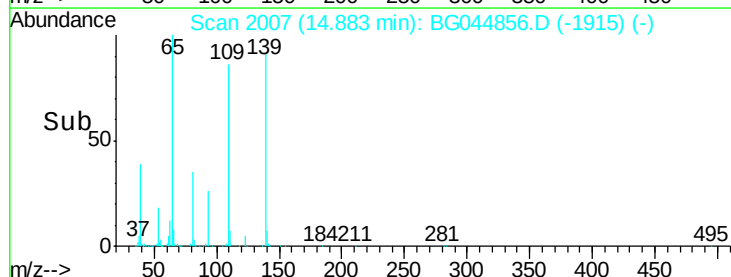
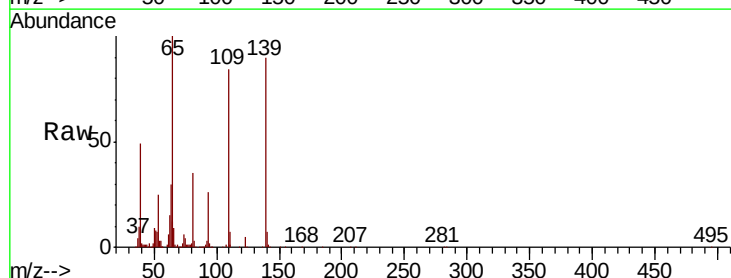
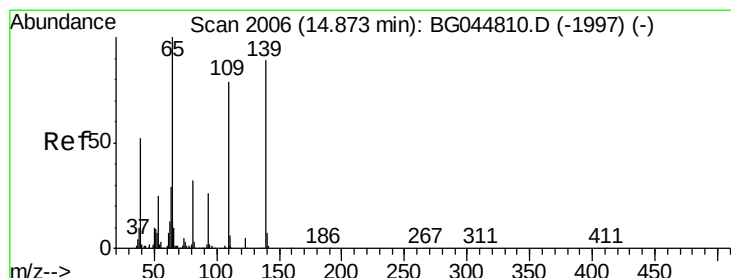
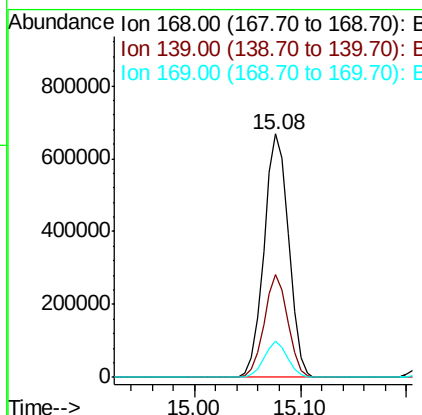
#55
Dibenzofuran
Concen: 49.429 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	31.4	47.0
169	14.8	11.1	16.7

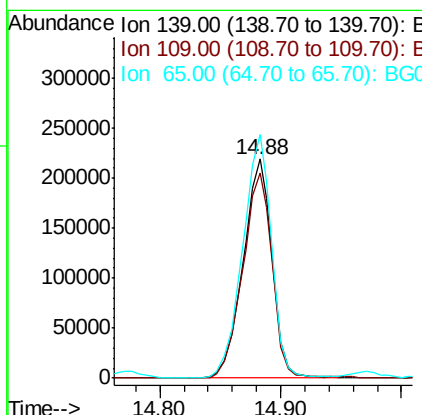
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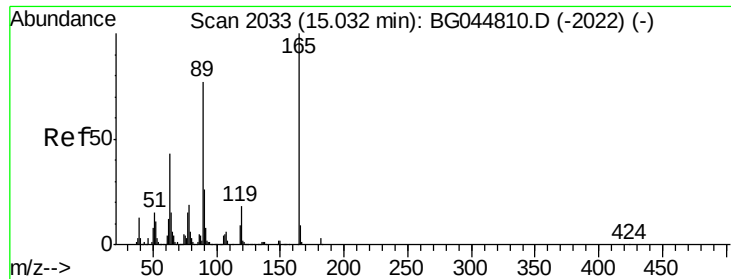
mohammad
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#56
4-Nitrophenol
Concen: 107.833 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.9	68.8	108.8
65	111.2	92.5	132.5





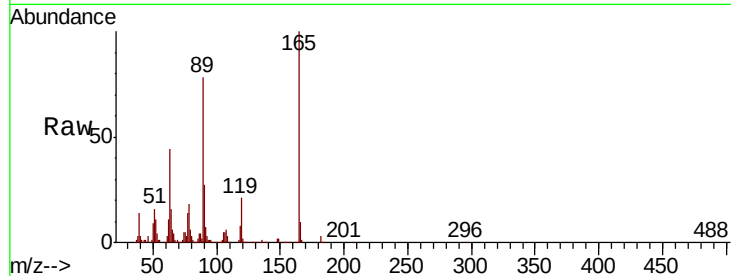
#57
2,4-Dinitrotoluene
Concen: 56.881 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion:	165	Resp:	300846
Ion Ratio	Lower	Upper	
165	100		
63	44.5	34.6	52.0
89	77.9	61.3	91.9
182	2.9	2.2	3.2

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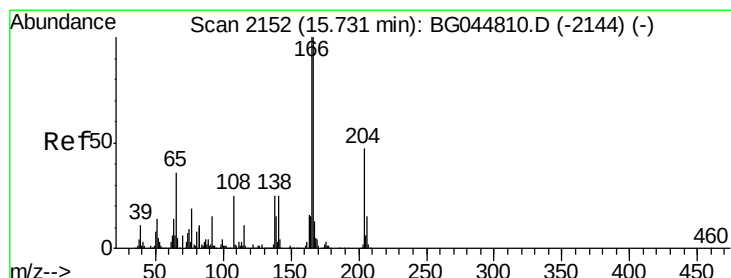
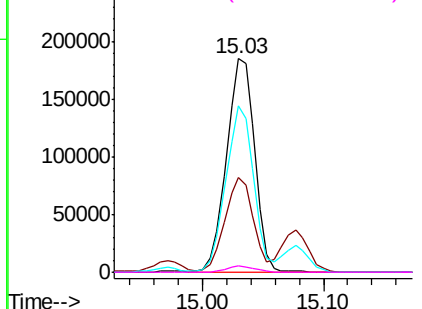
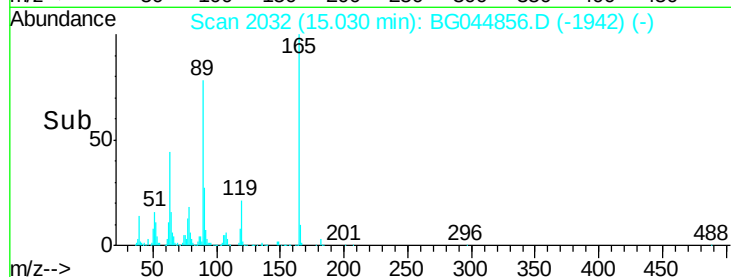


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG044856.D (-1942) (-)

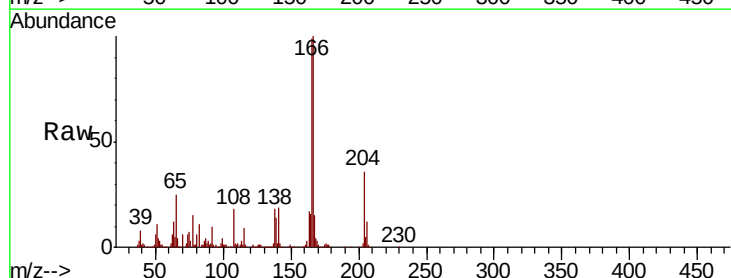
Ion 89.00 (88.70 to 89.70): BG044856.D (-1942) (-)

Ion 182.00 (181.70 to 182.70): BG044856.D (-1942) (-)



#58
Fluorene
Concen: 49.038 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

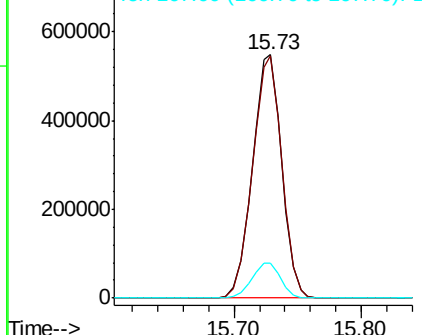
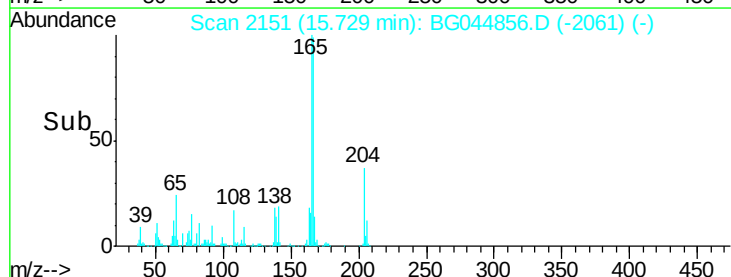
Tgt Ion:	166	Resp:	880138
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.7	119.5
167	14.6	10.6	16.0

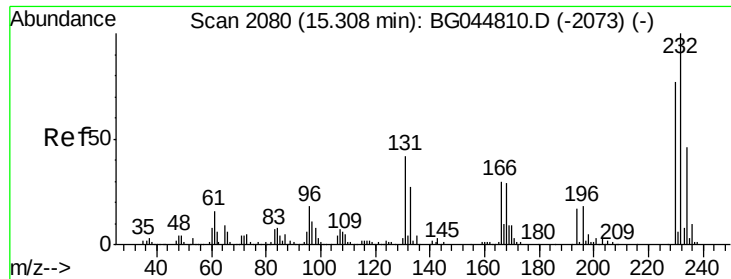


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): BG044856.D (-2061) (-)

Ion 167.00 (166.70 to 167.70): BG044856.D (-2061) (-)





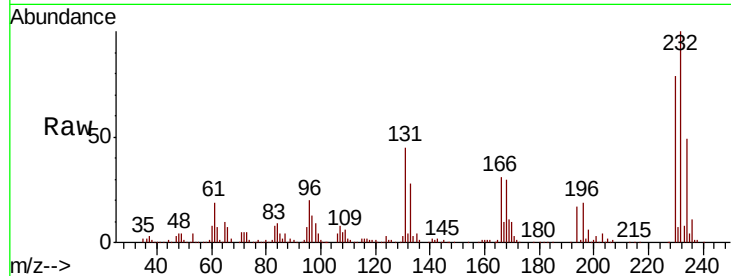
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.415 ng m
RT: 15.30 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

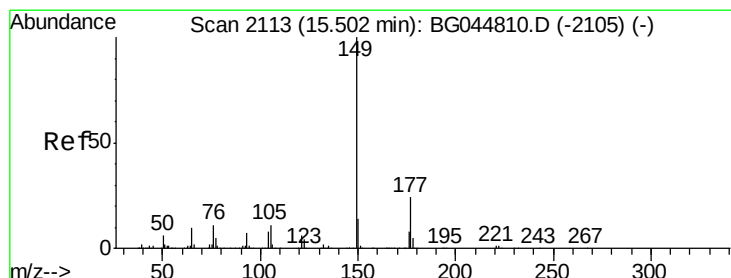
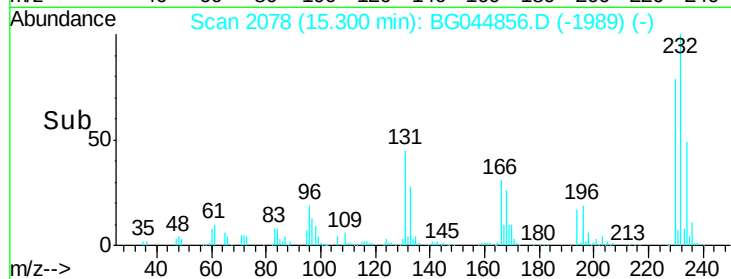
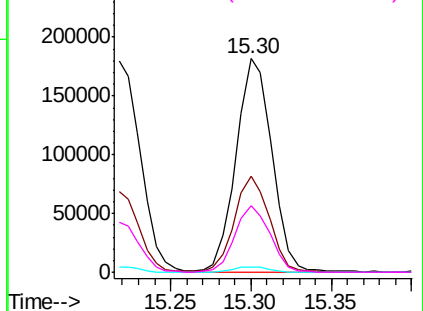
Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	39.0	31.8	47.8
130	2.5	2.2	3.2
166	24.3	20.2	30.2

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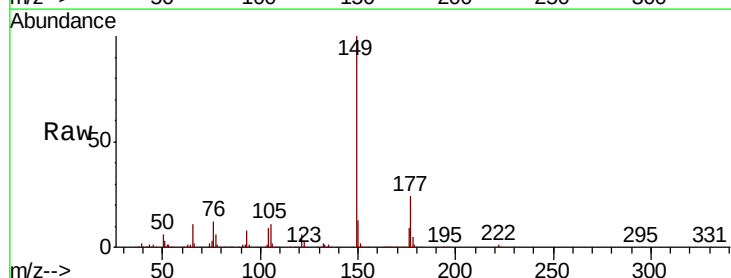


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

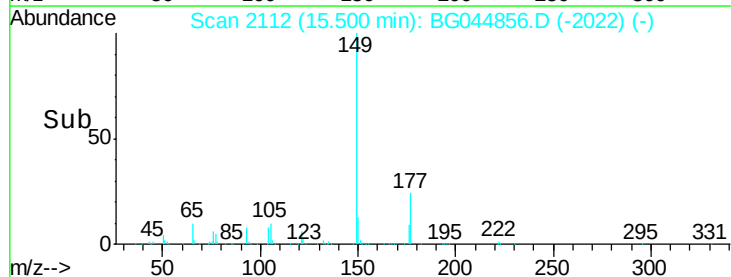
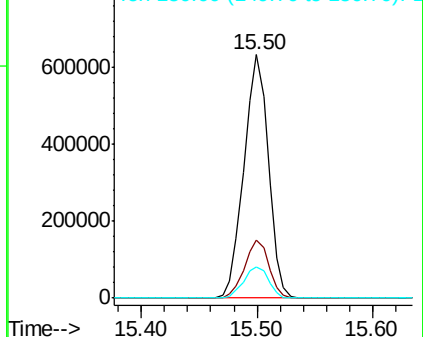


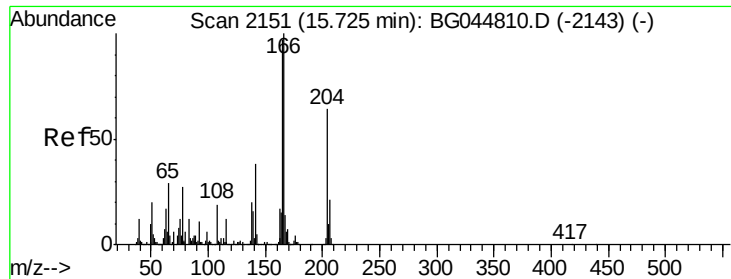
#60
Diethylphthalate
Concen: 46.636 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.0	19.3	28.9
150	13.0	11.0	16.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





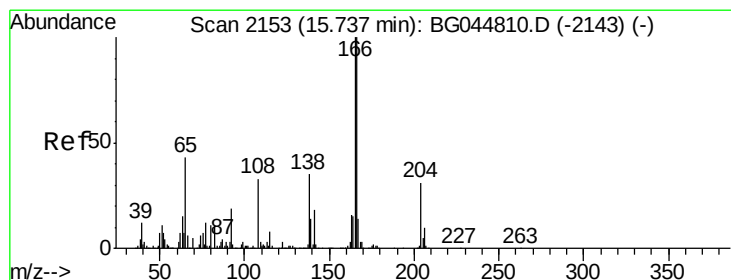
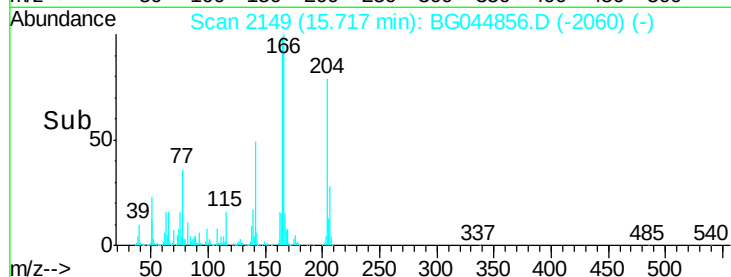
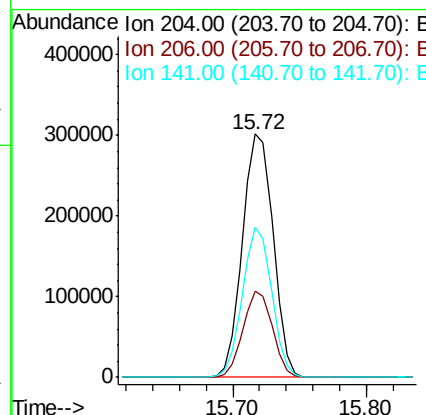
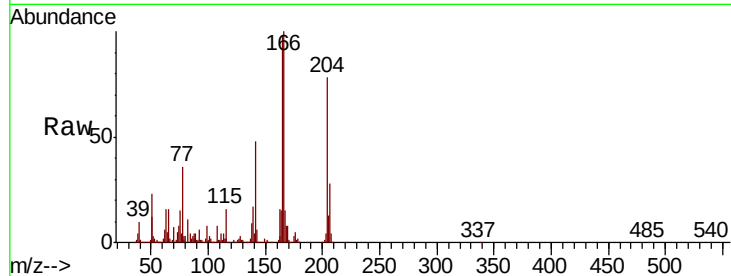
#61
 4-Chlorophenyl-phenylether
 Concen: 49.682 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Instrument :
 BNA_G
 ClientSampleId :
 PB127536BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	26.2	39.2
141	61.8	47.7	71.5

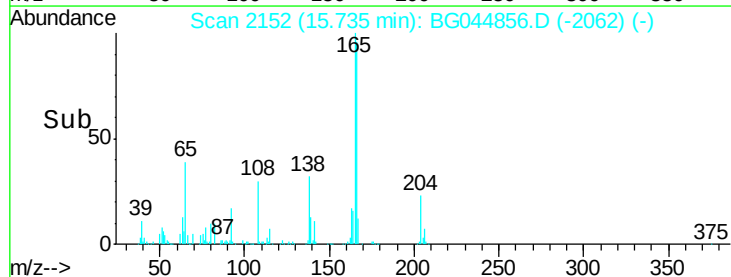
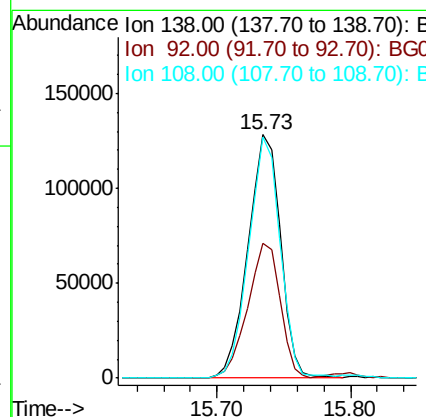
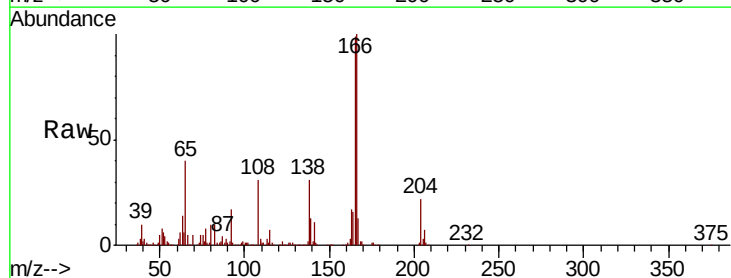
Manual Integrations
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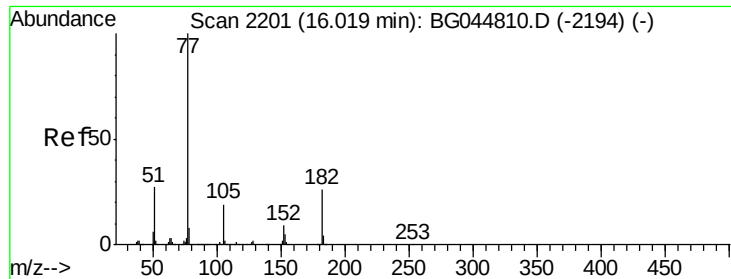
mohammad
 3/18/2020 4:00:31 PM



#62
 4-Nitroaniline
 Concen: 45.555 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.6	34.5	74.5
108	99.2	74.5	114.5





#63

Azobenzene

Concen: 45.827 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tot Ion: 77 Resp: 949632

Ion Ratio Lower Upper

77 100

182 26.3 6.4 46.4

105 19.4 0.0 39.1

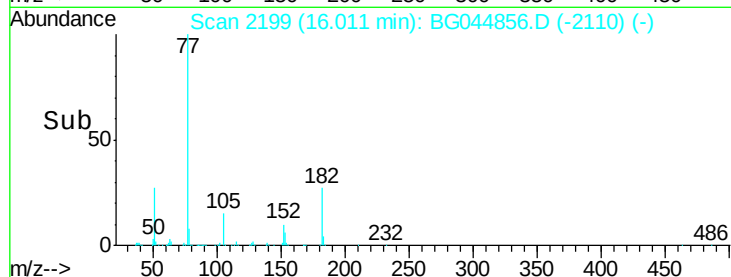
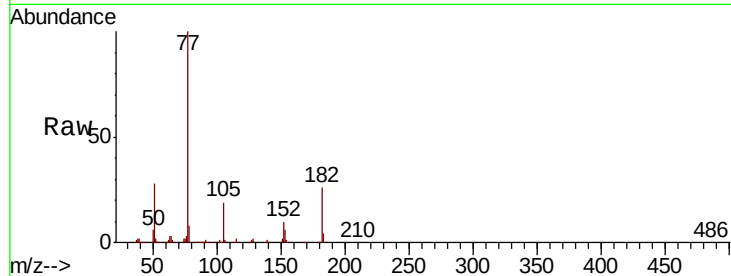
51 27.9 7.3 47.3

Manual Integrations

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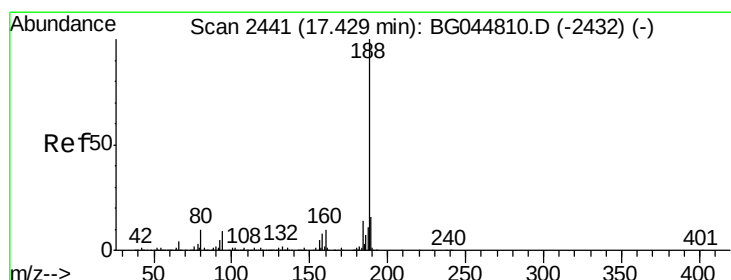
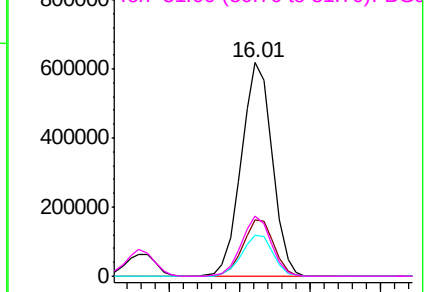


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

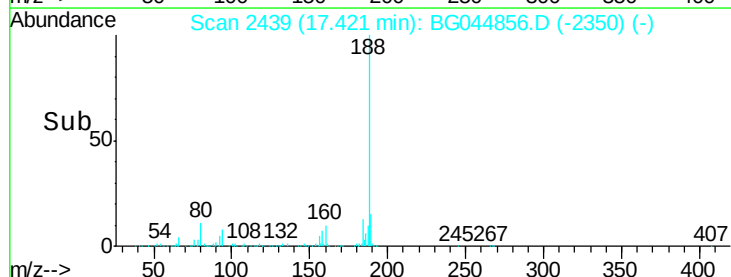
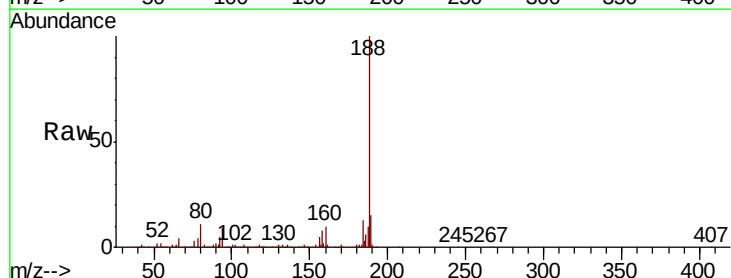
Tgt Ion: 188 Resp: 550437

Ion Ratio Lower Upper

188 100

94 8.6 7.3 10.9

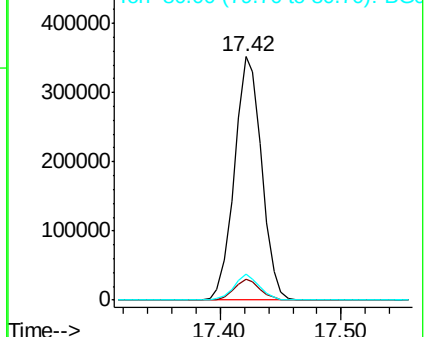
80 10.7 8.0 12.0

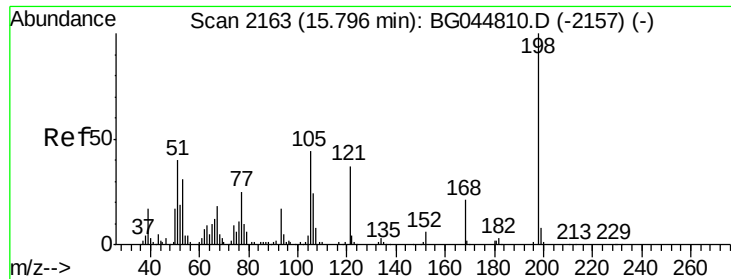


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





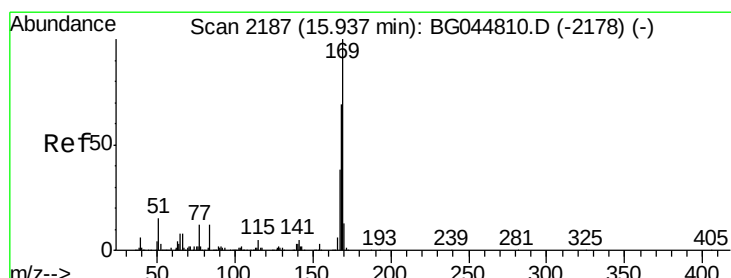
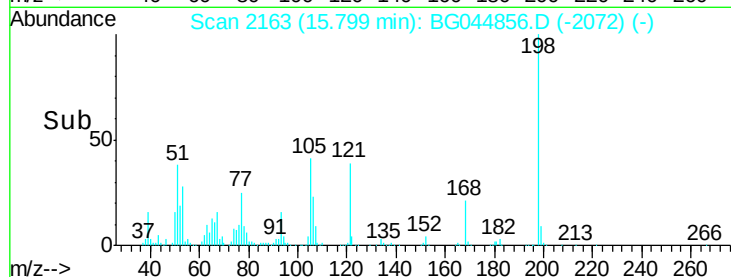
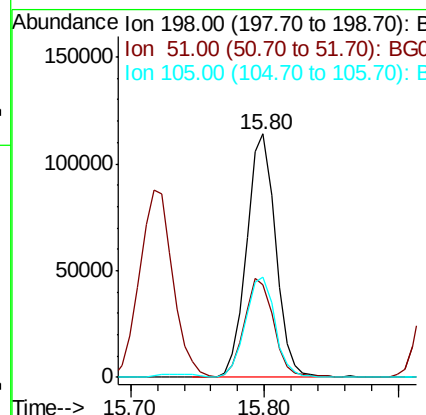
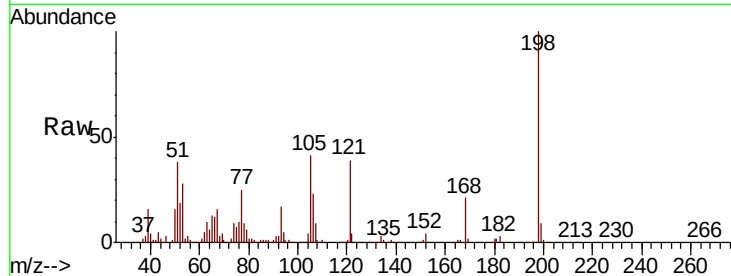
#65
4,6-Dinitro-2-methylphenol
Concen: 62.958 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	170513		
51	38.2	21.1	61.1	
105	41.3	24.5	64.5	

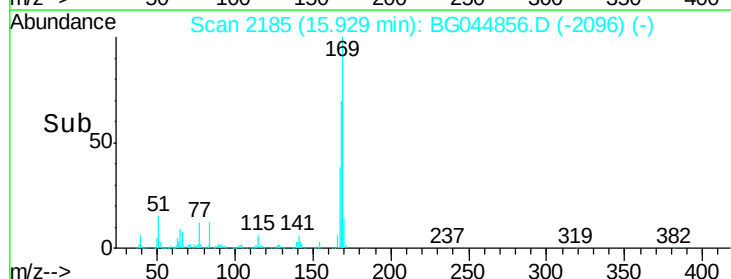
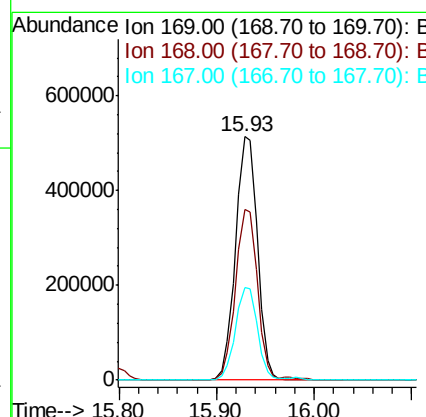
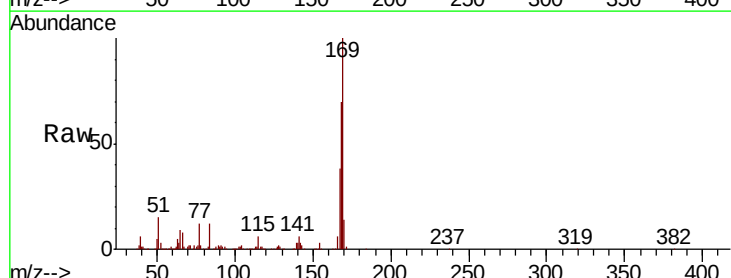
Manual Integrations
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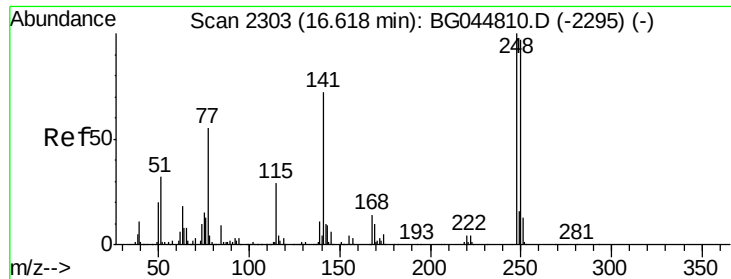
mohammad
3/18/2020 4:00:31 PM



#66
n-Nitrosodiphenylamine
Concen: 48.263 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	799814		
168	70.2	55.4	83.2	
167	37.9	30.1	45.1	





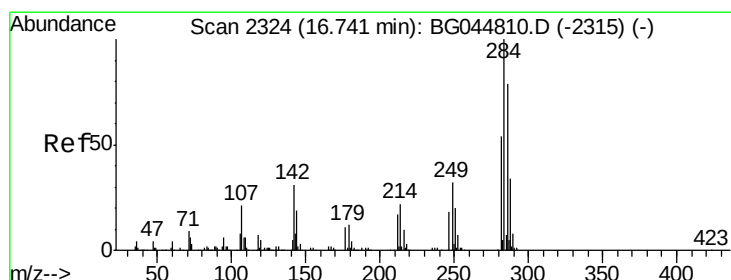
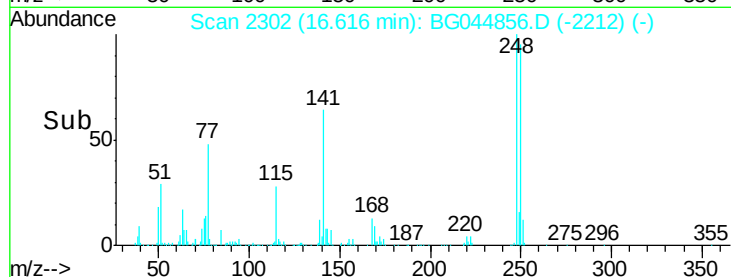
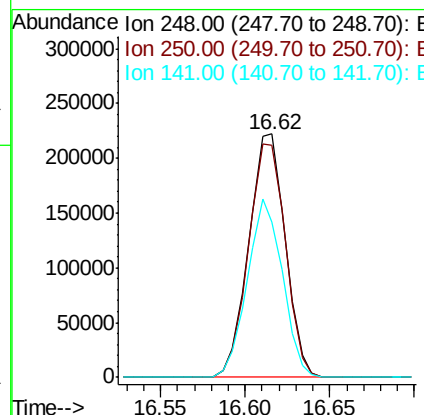
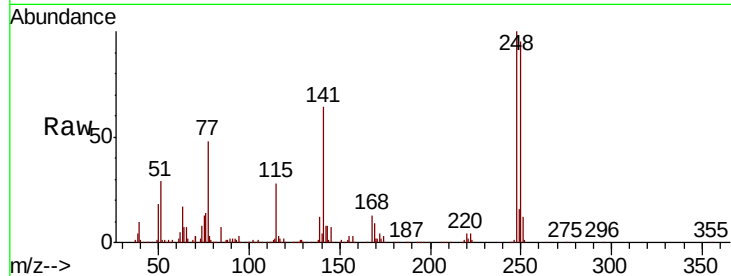
#67
4-Bromophenyl-phenylether
Concen: 48.614 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.9	116.9
141	64.0	57.5	86.3

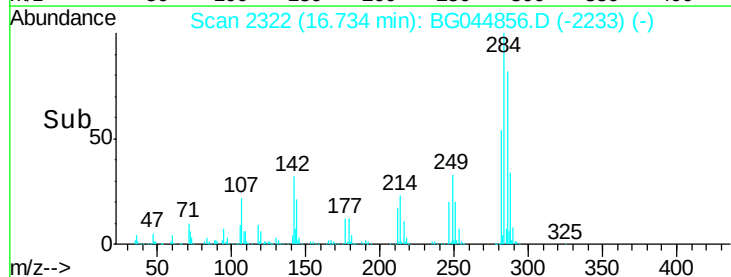
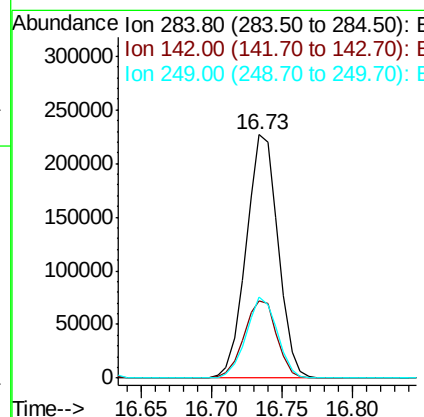
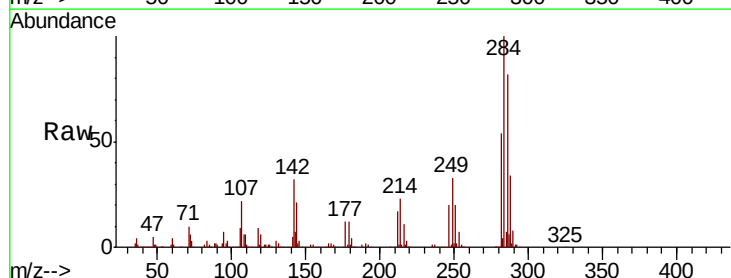
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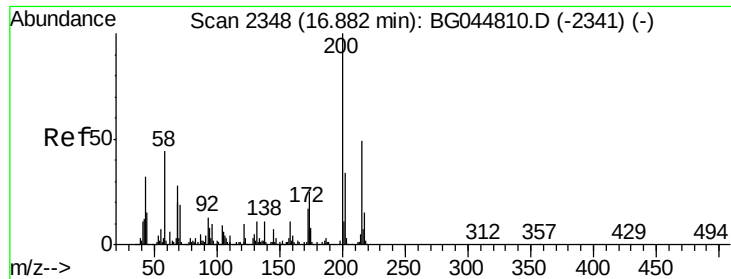
mohammad
3/18/2020 4:00:31 PM



#68
Hexachlorobenzene
Concen: 47.971 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	25.0	37.6
249	33.0	25.8	38.8





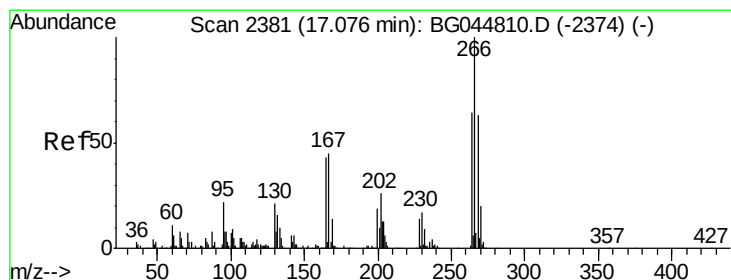
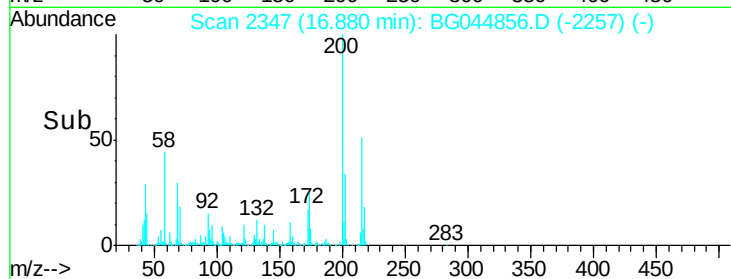
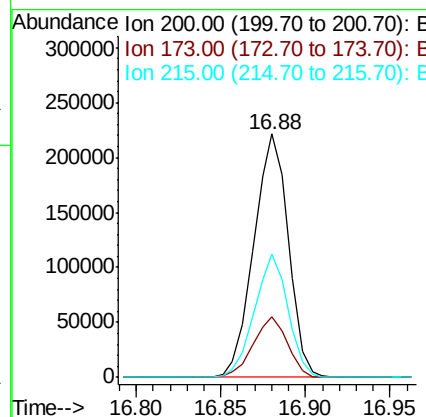
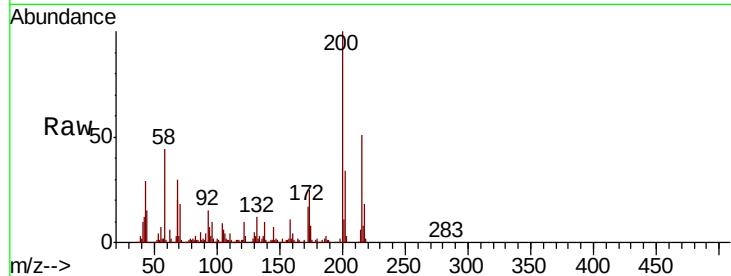
#69
Atrazine
Concen: 51.659 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.8	5.3	45.3
215	50.9	28.9	68.9

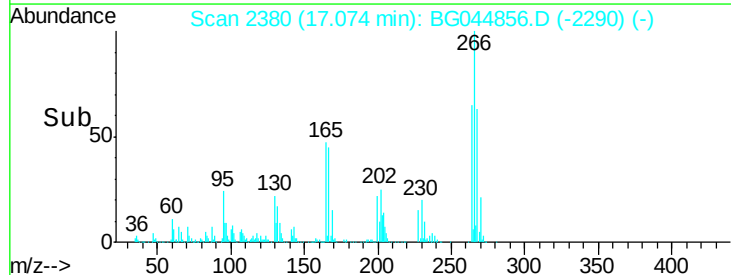
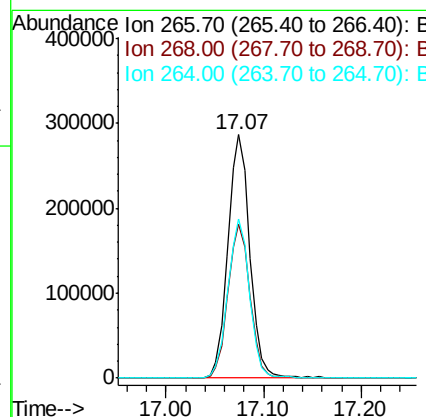
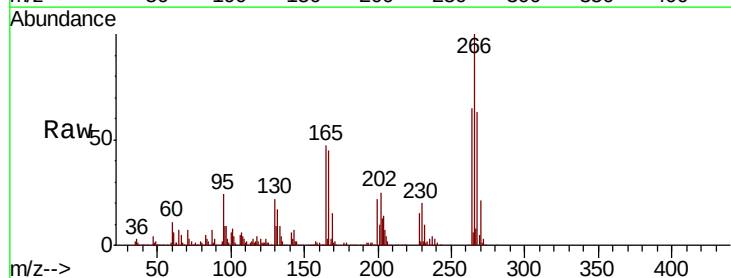
Manual Integrations
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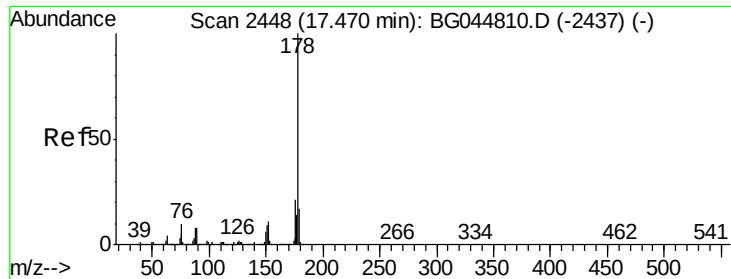
mohammad
3/18/2020 4:00:31 PM



#70
Pentachlorophenol
Concen: 108.585 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	50.3	75.5
264	65.5	51.4	77.2





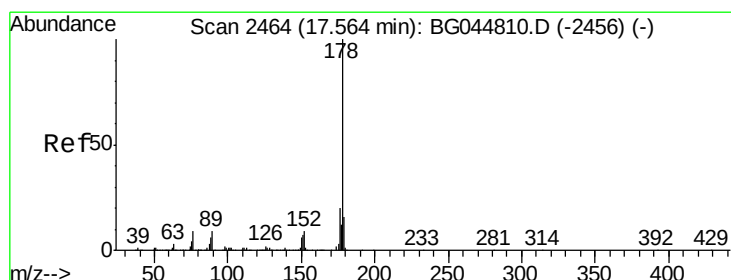
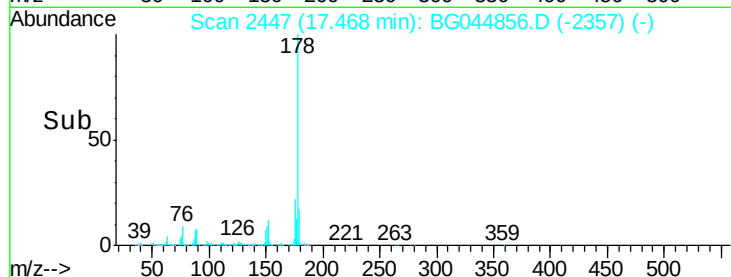
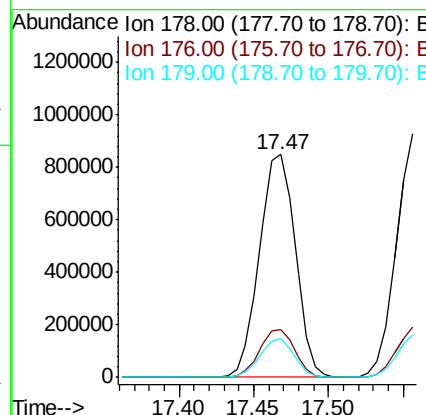
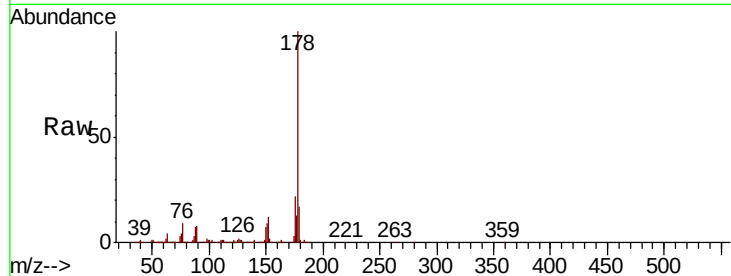
#71
Phenanthrene
Concen: 47.997 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.6	24.8
179	17.2	13.5	20.3

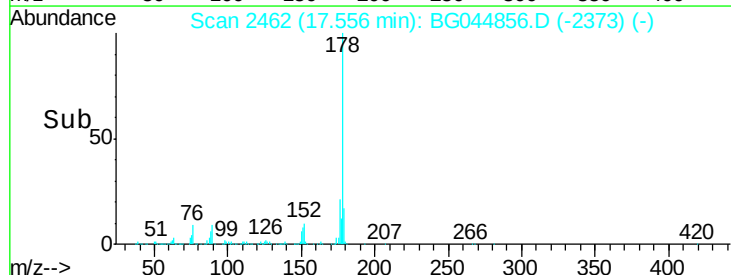
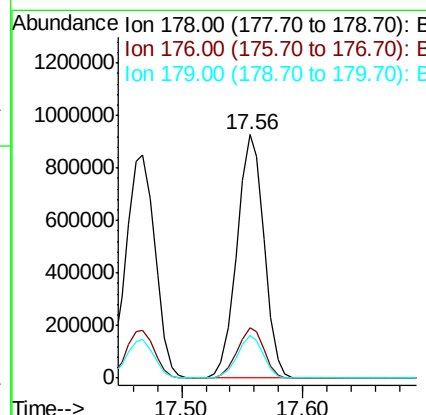
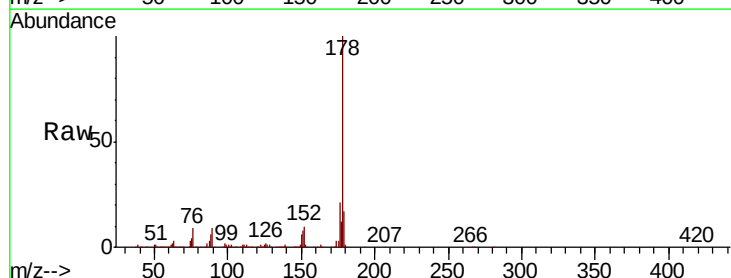
Manual Integrations
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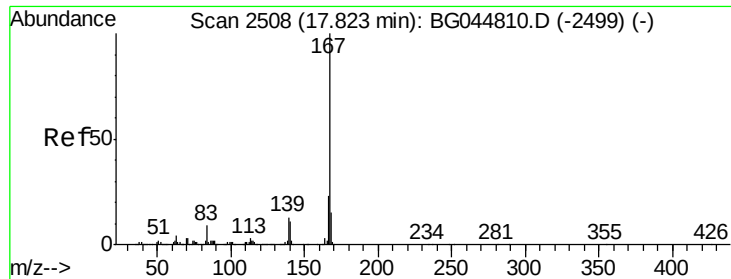
mohammad
3/18/2020 4:00:31 PM



#72
Anthracene
Concen: 49.935 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.9	23.9
179	17.3	13.2	19.8





#73

Carbazole

Concen: 47.812 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tot Ion:167 Resp: 1332071

Ion Ratio Lower Upper

167 100

166 24.8 18.8 28.2

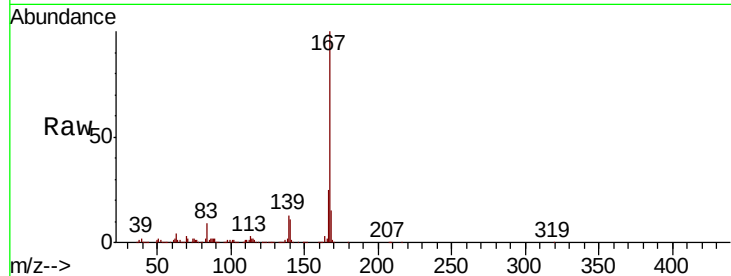
139 13.1 10.8 16.2

Manual Integrations

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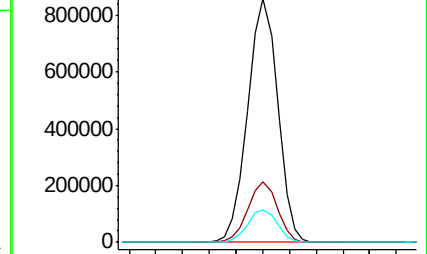
3/18/2020 4:00:31 PM



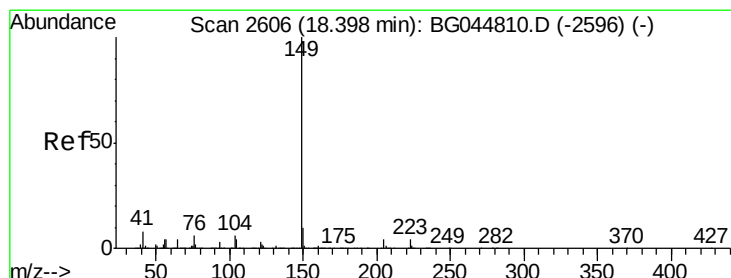
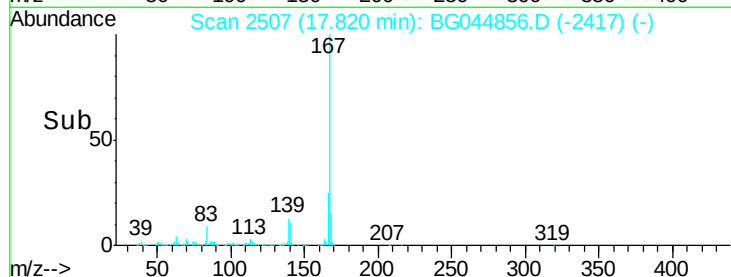
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 46.754 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

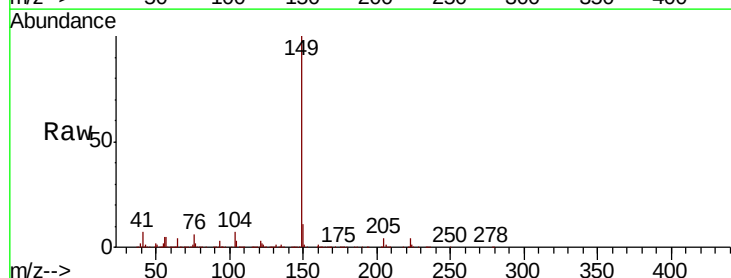
Tgt Ion:149 Resp: 1583446

Ion Ratio Lower Upper

149 100

150 10.5 8.1 12.1

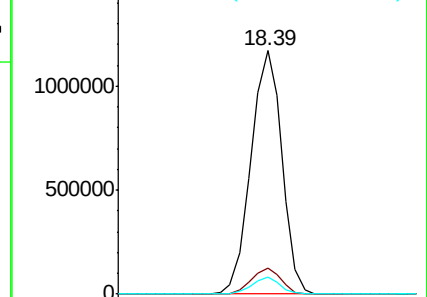
104 6.9 5.0 7.4



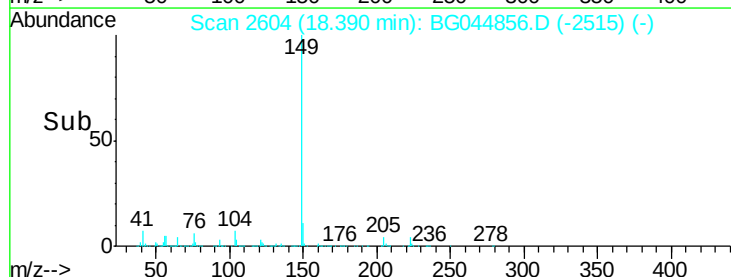
Abundance Ion 149.00 (148.70 to 149.70): E

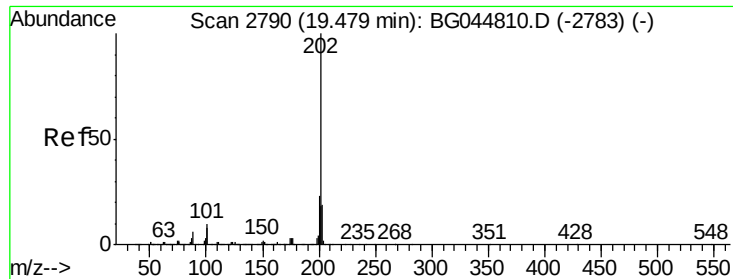
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 49.040 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

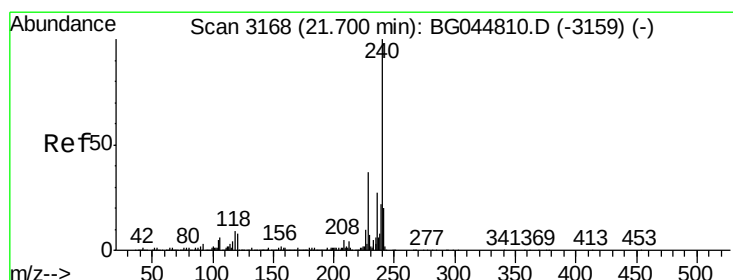
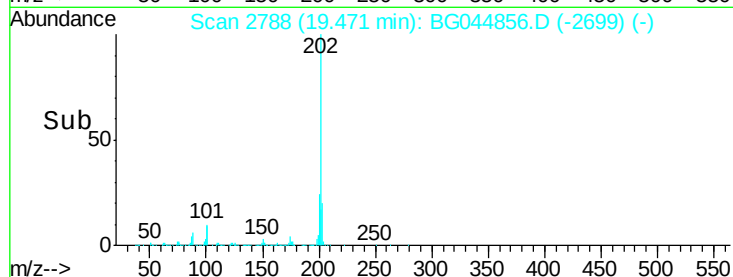
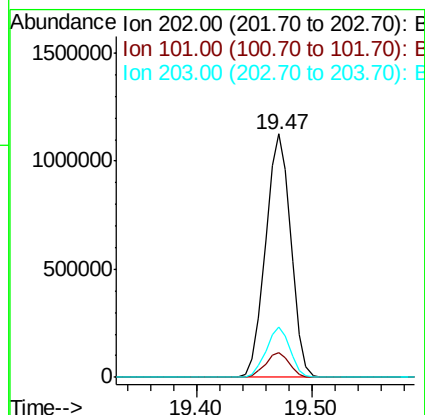
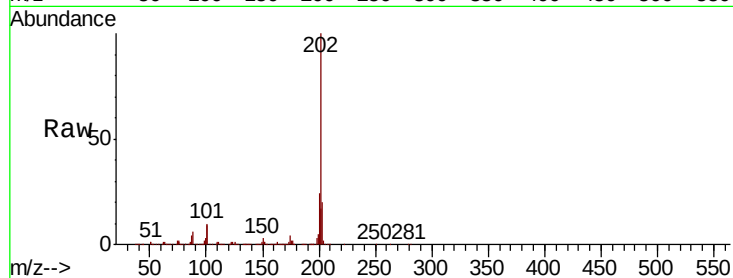
ClientSampleId :

PB127536BS

Tot Ion:	202	Resp:	1717531
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	29.8
203	20.5	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

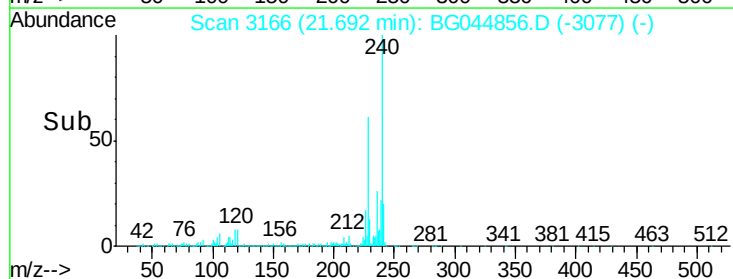
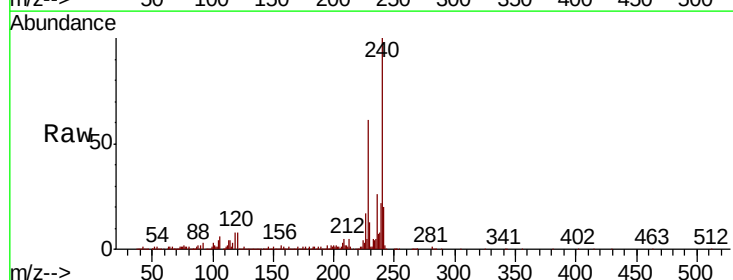
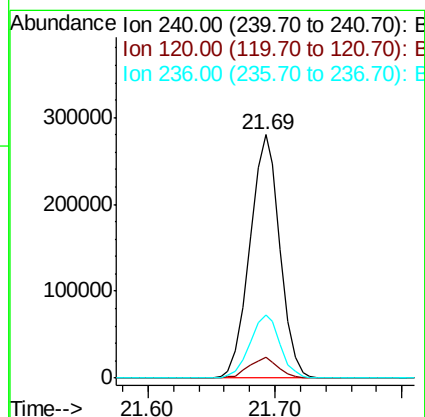
RT: 21.69 min Scan# 3166

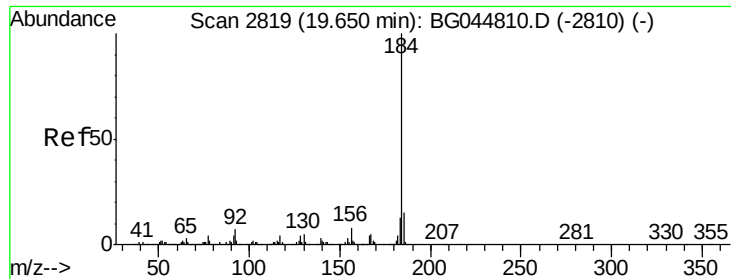
Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:	240	Resp:	459386
Ion Ratio	Lower	Upper	
240	100		
120	8.4	6.7	10.1
236	25.7	21.5	32.3





#77

Benzidine

Concen: 54.345 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

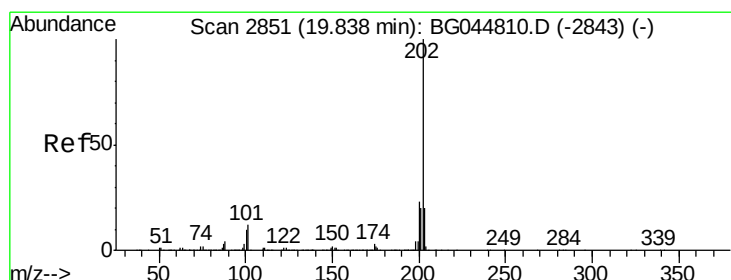
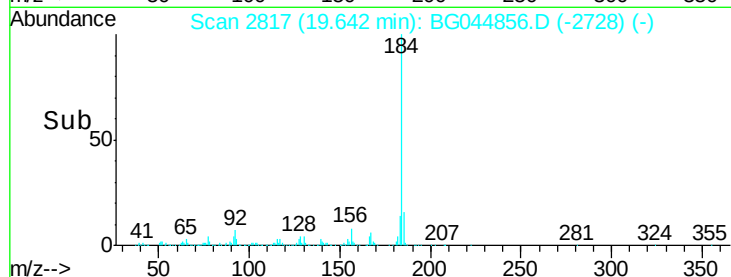
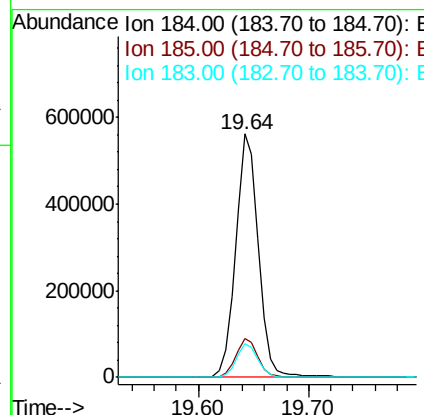
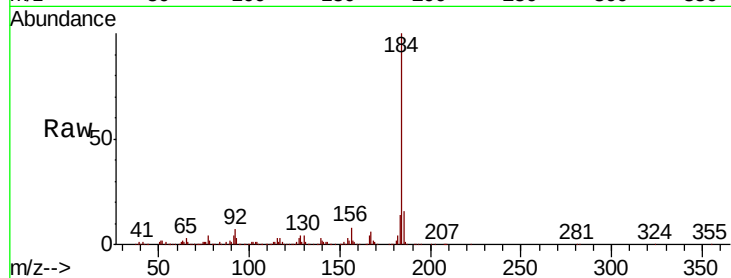
ClientSampleId :

PB127536BS

Tot Ion:	184	Resp:	810468
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.2	18.4
183	13.7	10.7	16.1

Manual Integrations
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#78

Pyrene

Concen: 49.989 ng

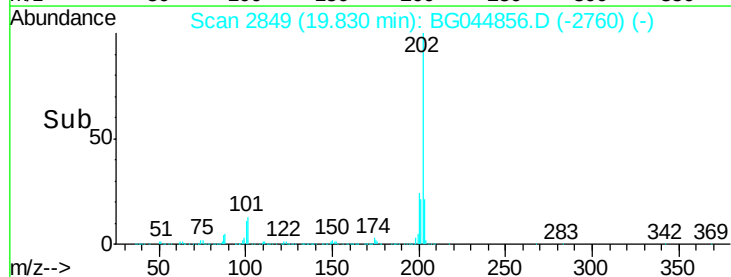
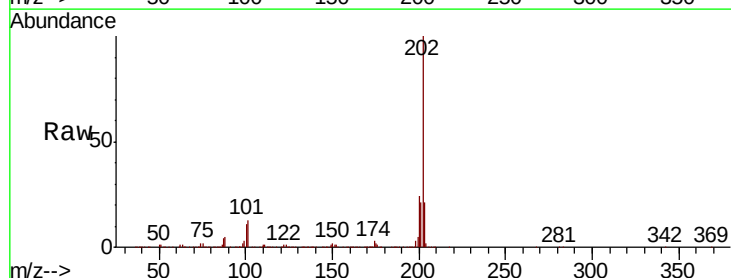
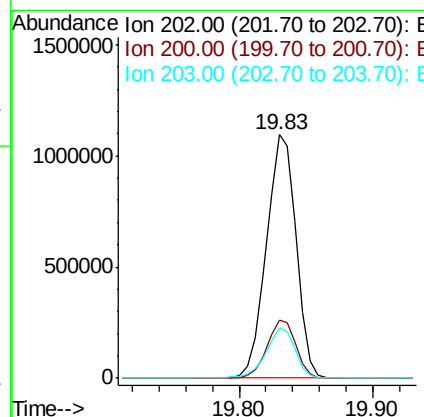
RT: 19.83 min Scan# 2849

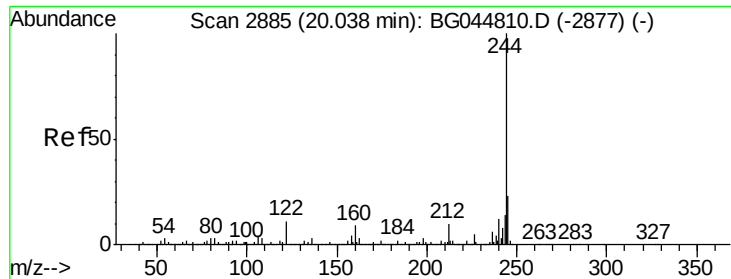
Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:	202	Resp:	1684834
Ion Ratio	Lower	Upper	
202	100		
200	24.0	18.3	27.5
203	20.7	15.6	23.4





#79

Terphenyl-d14

Concen: 98.097 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

PB127536BS

Tot Ion:244 Resp: 2409162

Ion Ratio Lower Upper

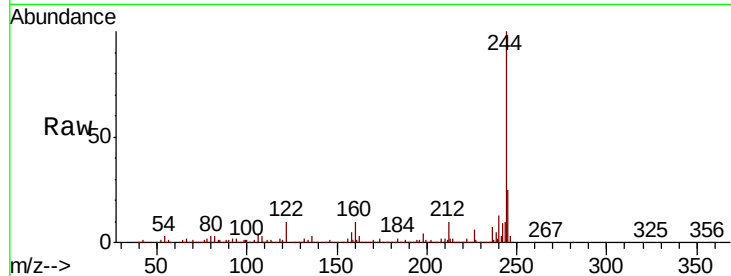
244 100

212 10.2 7.7 11.5

122 10.2 8.6 12.8

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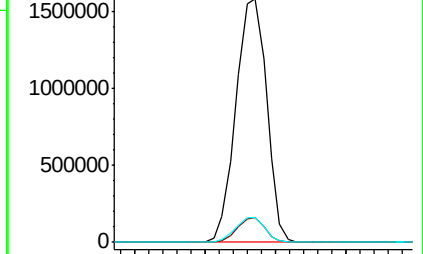
mohammad
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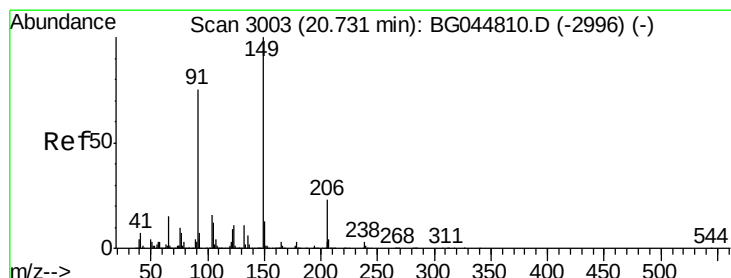
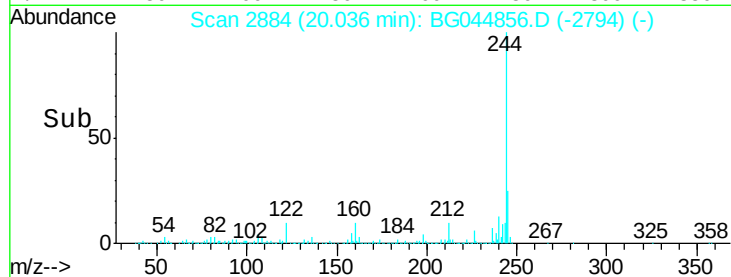
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.95 20.00 20.05 20.10



#80

Butylbenzylphthalate

Concen: 47.950 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

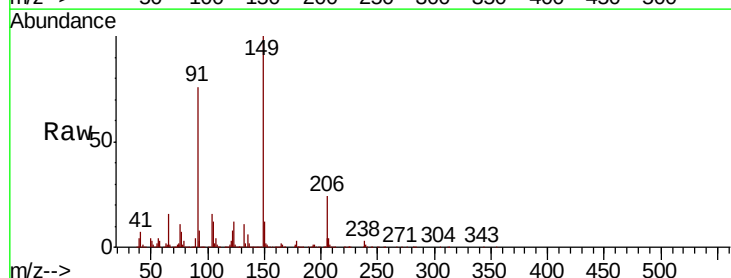
Tgt Ion:149 Resp: 718972

Ion Ratio Lower Upper

149 100

91 75.7 60.2 90.4

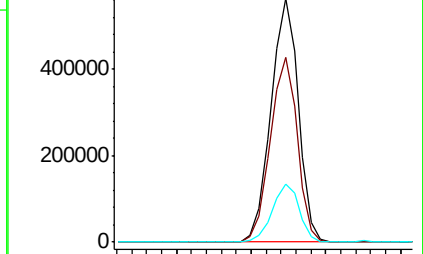
206 23.7 18.6 27.8



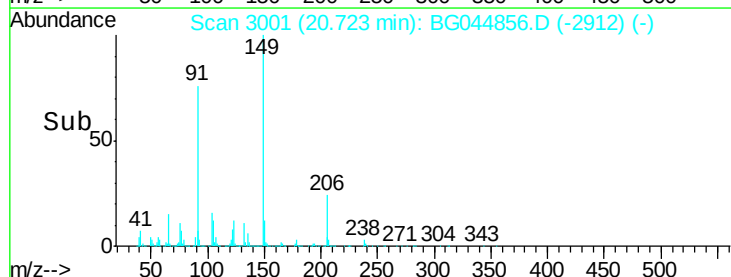
Abundance Ion 149.00 (148.70 to 149.70): E

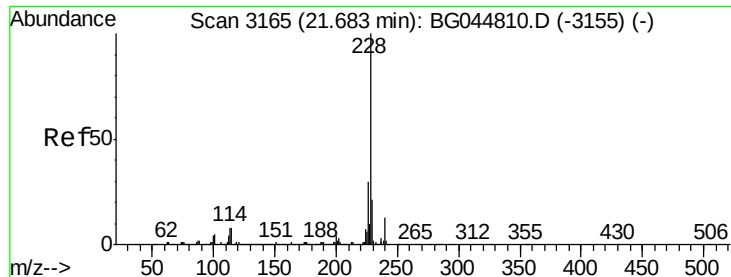
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time--> 20.65 20.70 20.75





#81

Benzo(a)anthracene

Concen: 48.846 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

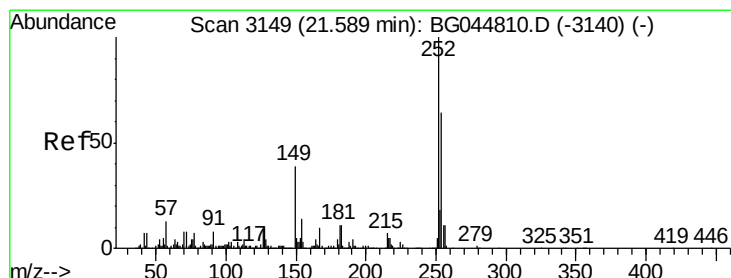
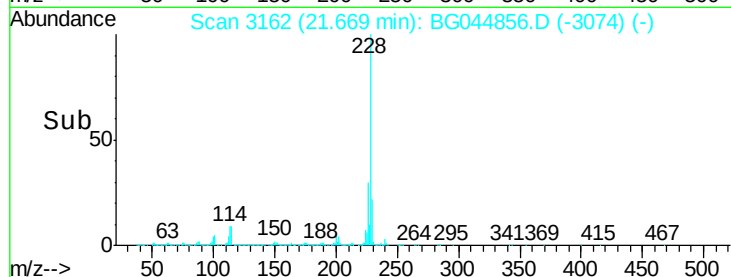
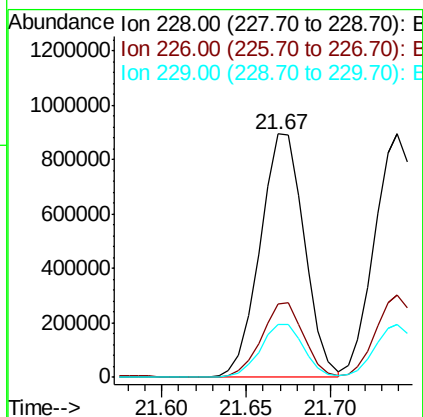
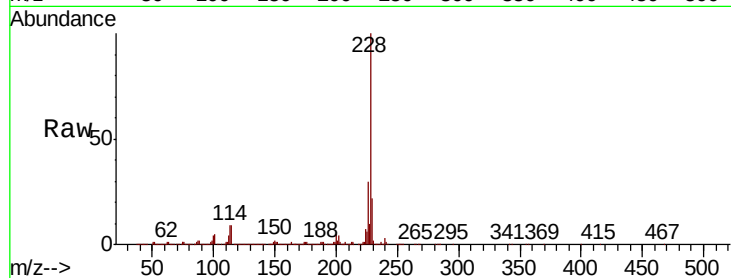
ClientSampleId :

PB127536BS

Tot Ion:	228	Resp:	1615778
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	21.9	17.1	25.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 37.888 ng

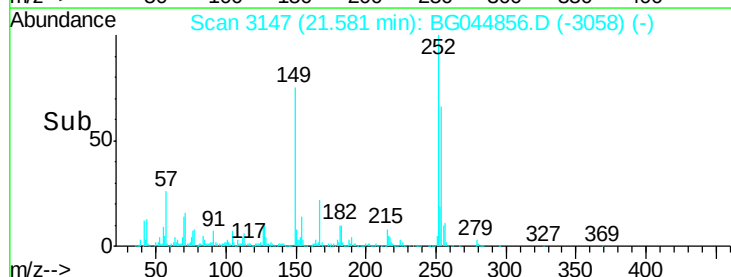
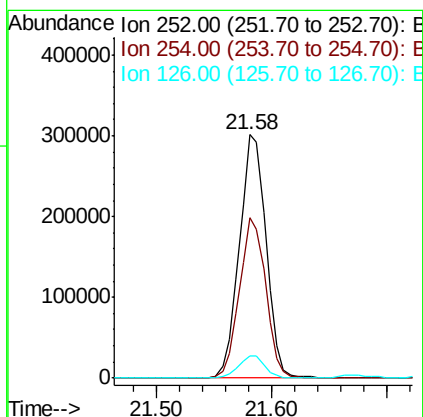
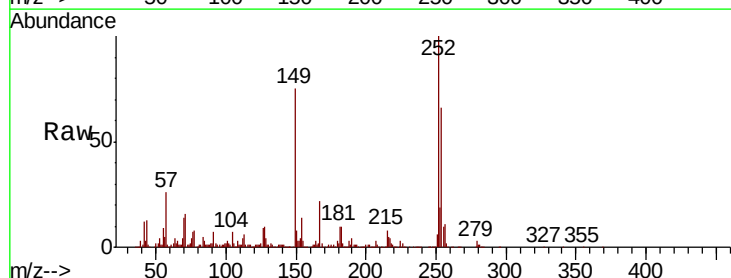
RT: 21.58 min Scan# 3147

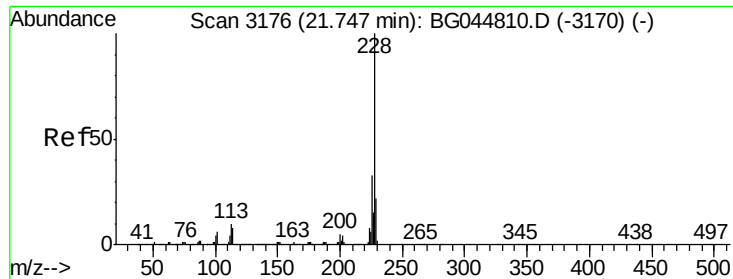
Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:	252	Resp:	484859
Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.6	77.4
126	9.2	7.0	10.6





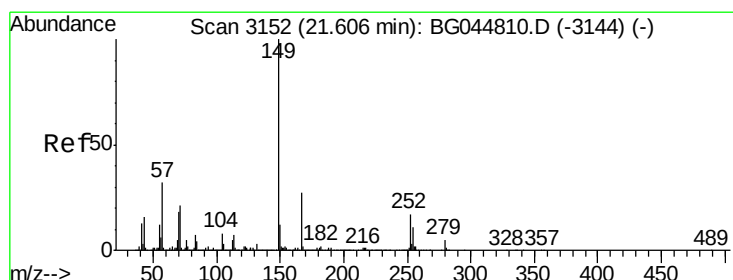
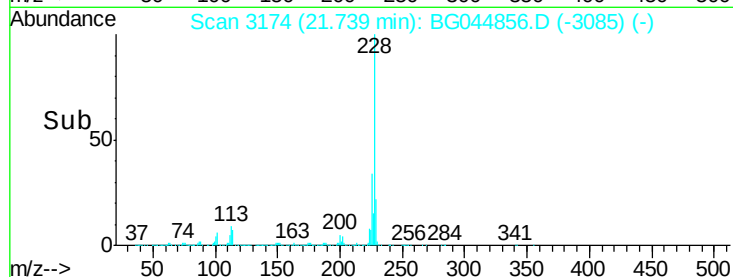
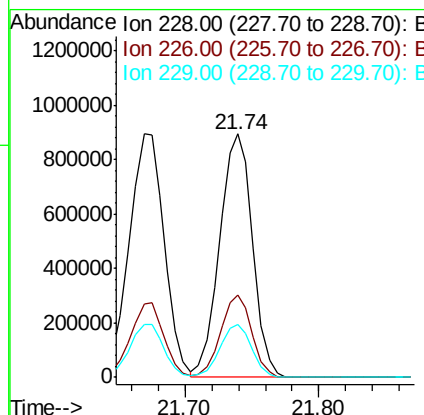
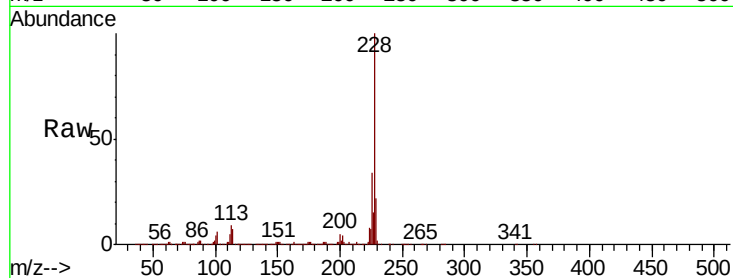
#83
Chrysene
Concen: 48.714 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.9	38.9
229	21.9	17.4	26.0

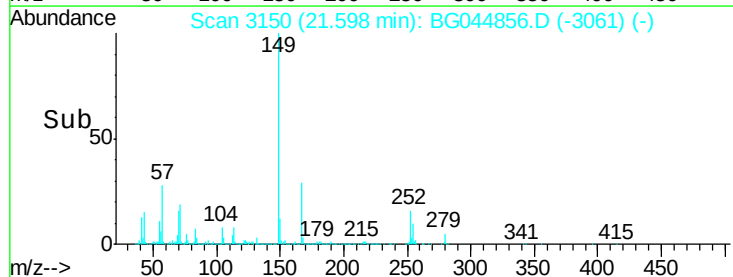
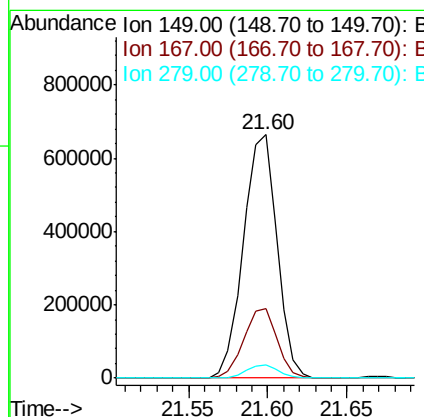
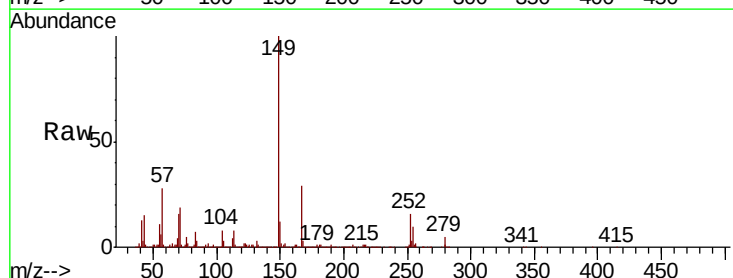
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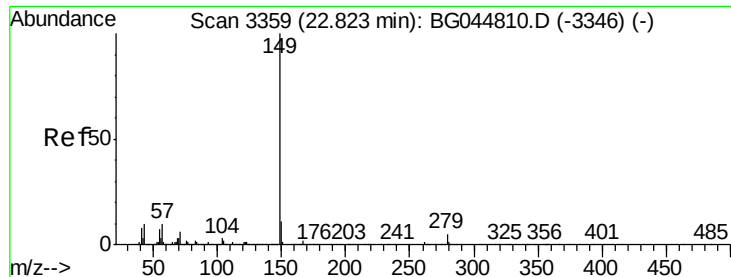
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.205 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.8	32.6
279	5.4	3.8	5.6





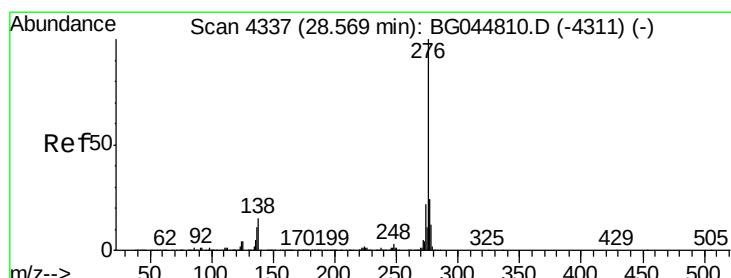
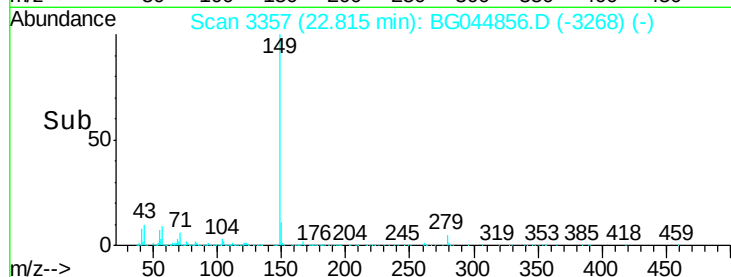
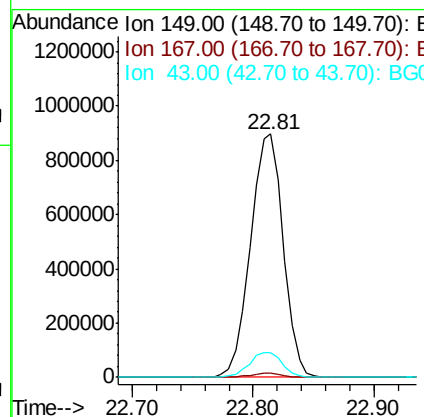
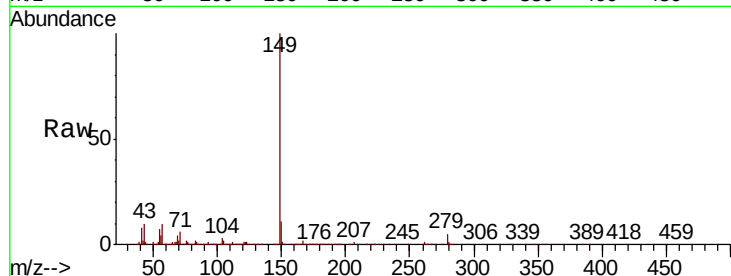
#85
Di-n-octyl phthalate
Concen: 48.671 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.1	8.2	12.4

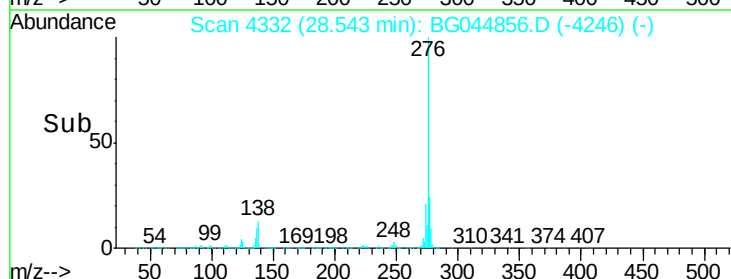
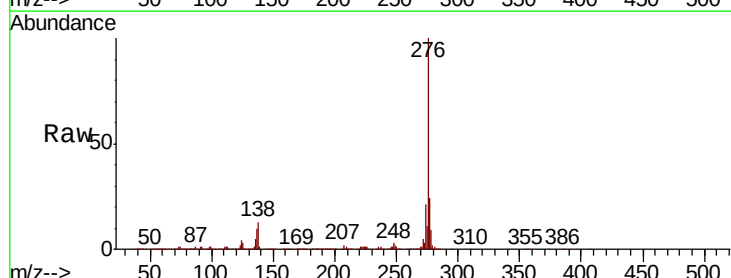
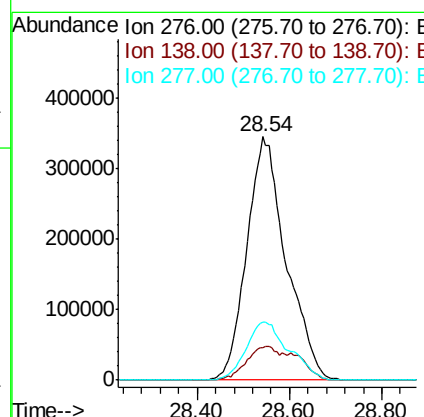
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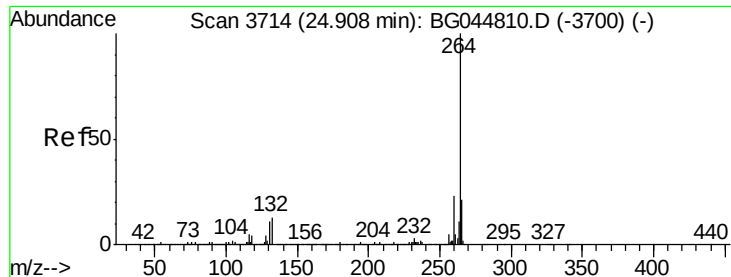
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.266 ng
RT: 28.54 min Scan# 4332
Delta R.T. -0.03 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.8	7.4	11.0#
277	26.1	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

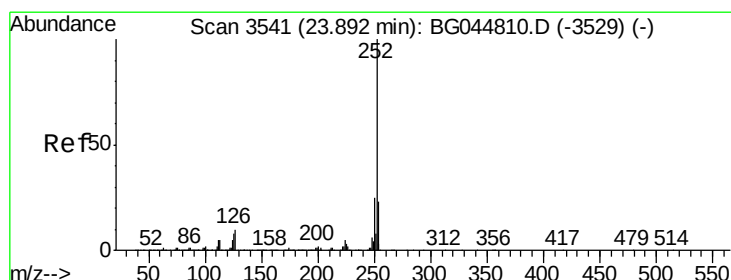
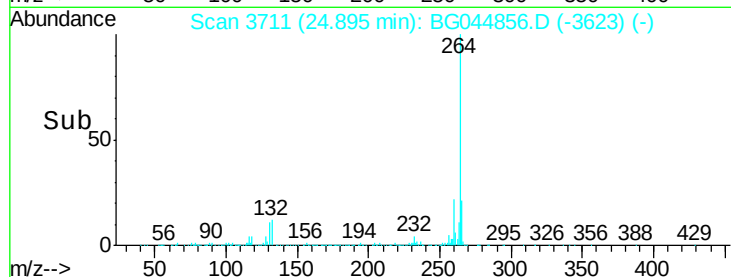
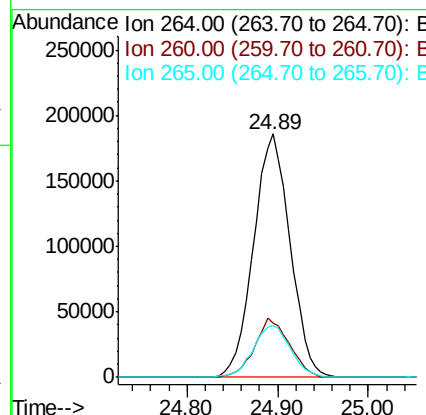
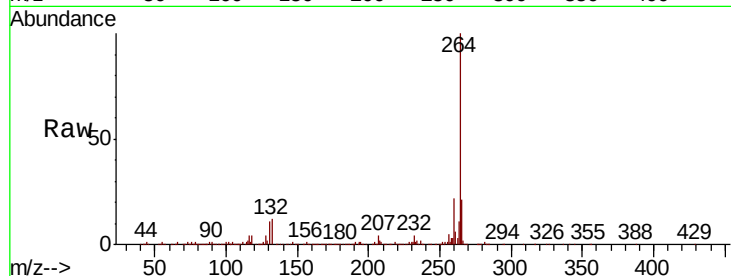
ClientSampleId :

PB127536BS

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.2	18.1	27.1	
265	21.4	17.1	25.7	

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#88

Benzo(b)fluoranthene

Concen: 50.492 ng

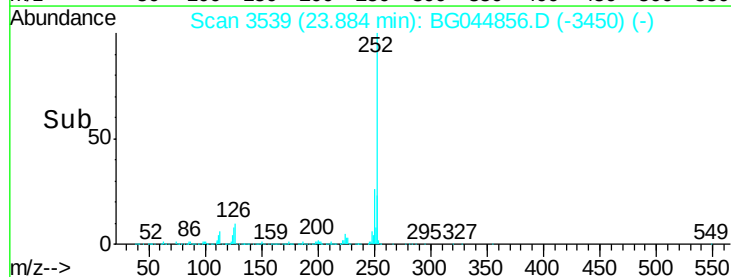
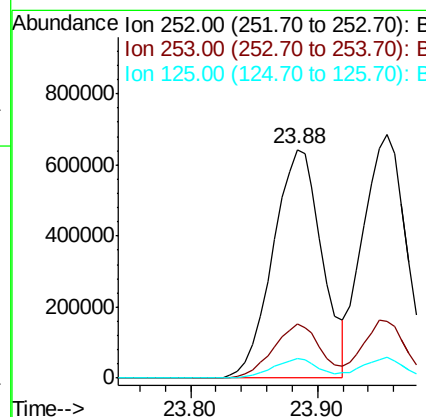
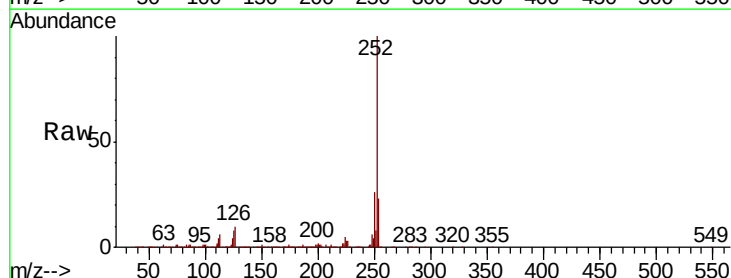
RT: 23.88 min Scan# 3539

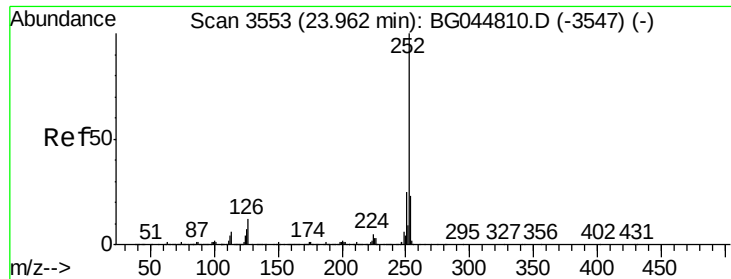
Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	23.5	18.1	27.1	
125	8.3	6.6	9.8	





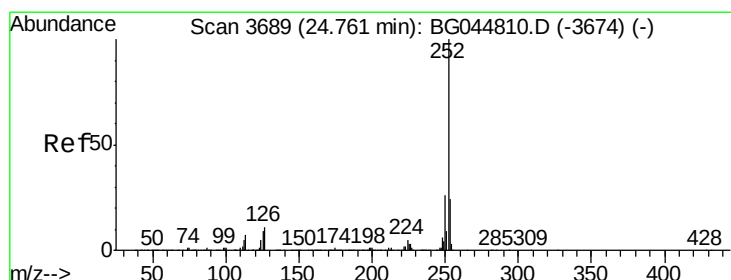
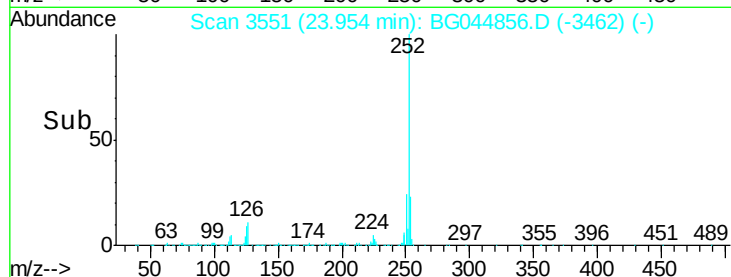
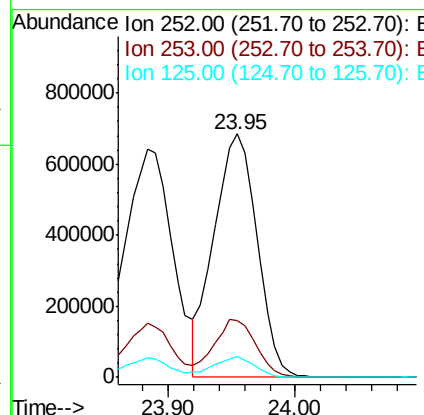
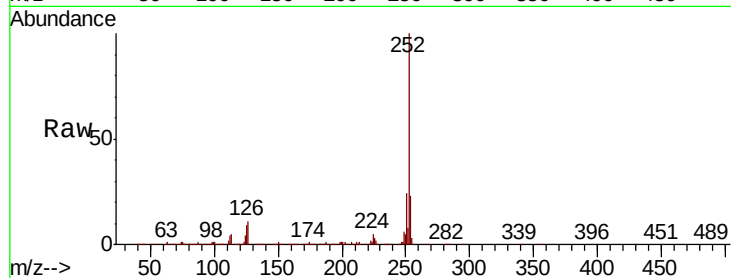
#89
Benzo(k)fluoranthene
Concen: 49.885 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	8.6	6.2	9.2

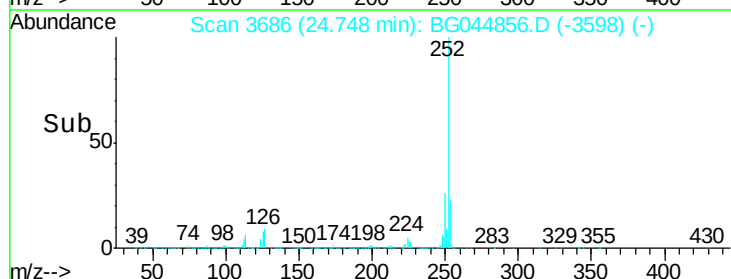
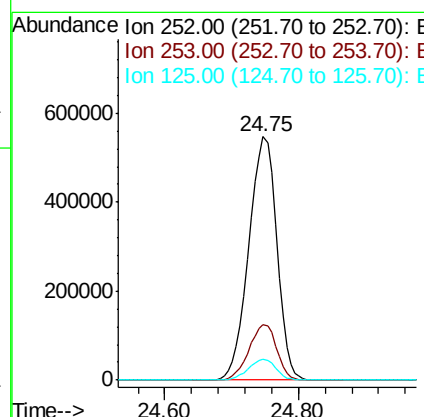
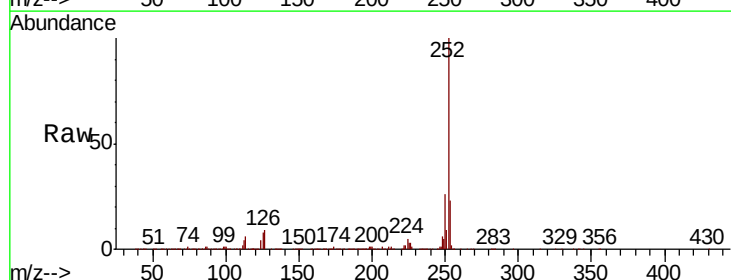
Manual Integrations
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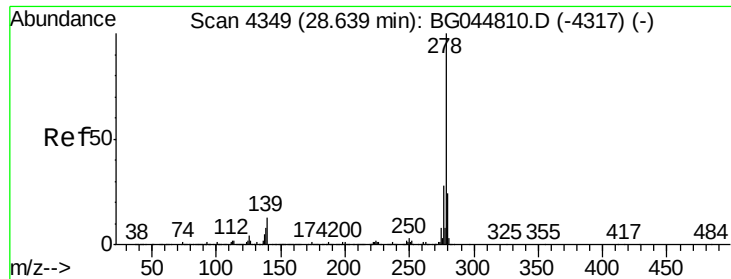
mohammad
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#90
Benzo(a)pyrene
Concen: 49.247 ng
RT: 24.75 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.4	29.0
125	8.4	7.2	10.8





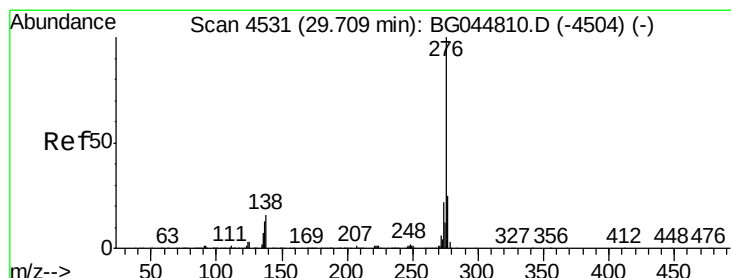
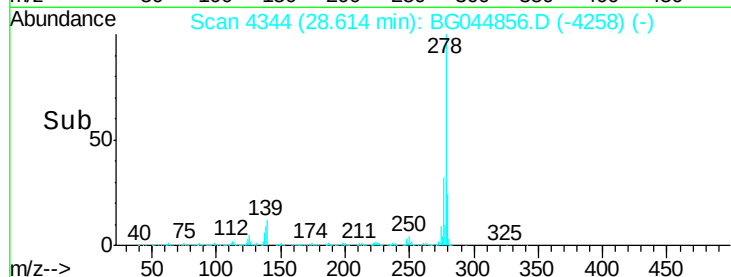
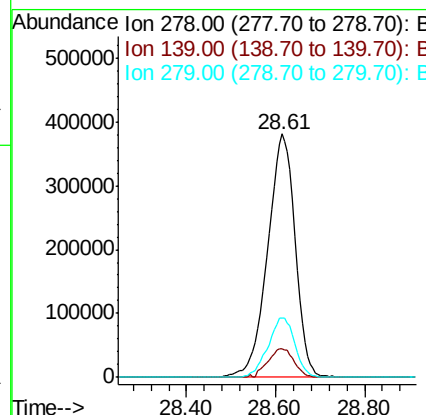
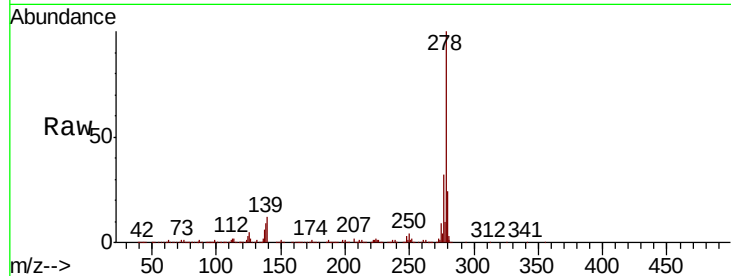
#91
Dibenzo(a,h)anthracene
Concen: 51.995 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :
PB127536BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.7	10.2	15.2
279	24.4	18.9	28.3

Manual Integrations
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3/18/2020 4:00:31 PM



#92
Benzo(g,h,i)perylene
Concen: 52.991 ng
RT: 29.69 min Scan# 4527
Delta R.T. -0.02 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.1	30.1
138	15.4	13.0	19.6

