

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044888.D
 Acq On : 19 Mar 2020 8:23
 Operator : CG/JU
 Sample : PB127639BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127639BS

Manual Integrations
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mohammad
 3/19/2020 12:35:03 PM

Quant Time: Mar 19 11:37:42 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	8.05	152	77816	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	306285	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	205648	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	480414	20.00	ng	0.00
76) Chrysene-d12	21.69	240	469078	20.00	ng	-0.01
87) Perylene-d12	24.89	264	529803	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	295814	59.18	ng	0.00
7) Phenol-d6	7.20	99	241569	33.26	ng	0.00
23) Nitrobenzene-d5	9.20	82	587149	84.12	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	379280	140.86	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1216340	84.70	ng	0.00
79) Terphenyl-d14	20.03	244	1977911	78.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	40440	16.800	ng	93
3) Pyridine	3.91	79	85517	12.000	ng	95
4) n-Nitrosodimethylamine	3.82	42	48270	17.853	ng	# 95
6) Aniline	7.36	93	185870	20.567	ng	95
8) 2-Chlorophenol	7.61	128	198785	39.836	ng	97
9) Benzaldehyde	7.17	77	225424	57.626	ng	98
10) Phenol	7.22	94	92756	12.900	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	246434	42.943	ng	96
12) 1,3-Dichlorobenzene	7.93	146	242766	39.493	ng	97
13) 1,4-Dichlorobenzene	8.08	146	238497	39.245	ng	98
14) 1,2-Dichlorobenzene	8.40	146	226600	39.316	ng	96
15) Benzyl Alcohol	8.28	79	155819	26.739	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	352546	34.812	ng	99
17) 2-Methylphenol	8.48	107	145263	29.824	ng	96
18) Hexachloroethane	9.13	117	91259	38.143	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	202771	39.539	ng	99
20) 3+4-Methylphenols	8.81	107	175613	26.155	ng	97
22) Acetophenone	8.86	105	374941	43.211	ng	# 97
24) Nitrobenzene	9.24	77	305498	42.182	ng	99
25) Isophorone	9.77	82	565780	41.533	ng	100
26) 2-Nitrophenol	9.96	139	131711	51.881	ng	97
27) 2,4-Dimethylphenol	10.01	122	191395	43.144	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	328631	40.423	ng	99
29) 2,4-Dichlorophenol	10.50	162	225590	43.537	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	250043	40.358	ng	94
31) Naphthalene	10.90	128	701318	41.335	ng	98
32) Benzoic acid	10.09	122	21512	14.640	ng	# 82
33) 4-Chloroaniline	11.00	127	150519	19.691	ng	98
34) Hexachlorobutadiene	11.20	225	159704	39.197	ng	95
35) Caprolactam	11.79	113	11735m	5.982	ng	
36) 4-Chloro-3-methylphenol	12.12	107	241177	39.026	ng	99
37) 2-Methylnaphthalene	12.51	142	532263	41.938	ng	96
38) 1-Methylnaphthalene	12.72	142	507375m	42.522	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	284091	41.947	ng	99

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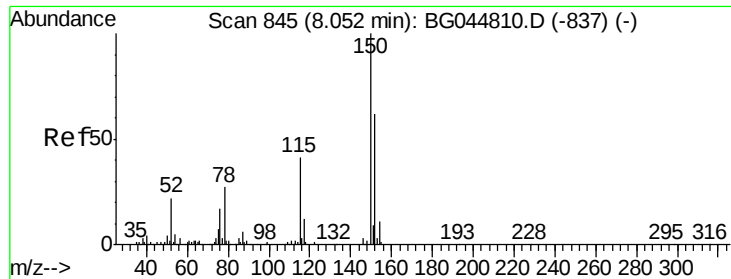
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	349997	94.561	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	208964	46.492	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	221432	47.505	nq	98
46) 1,1'-Biphenyl	13.51	154	673463	40.980	nq	99
47) 2-Chloronaphthalene	13.55	162	512161	40.797	nq	98
48) 2-Nitroaniline	13.74	65	191519	43.576	nq	95
49) Acenaphthylene	14.40	152	860998	43.777	nq	98
50) Dimethylphthalate	14.13	163	804217	49.101	nq	99
51) 2,6-Dinitrotoluene	14.24	165	164286	49.761	nq	95
52) Acenaphthene	14.74	154	633452	49.179	nq	97
53) 3-Nitroaniline	14.57	138	90479	23.837	nq	99
54) 2,4-Dinitrophenol	14.77	184	186166	105.006	nq	92
55) Dibenzofuran	15.07	168	833577	44.627	nq	99
56) 4-Nitrophenol	14.87	139	94261	32.539	nq	92
57) 2,4-Dinitrotoluene	15.03	165	227409	50.224	nq	# 99
58) Fluorene	15.73	166	683292	44.470	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	213733m	49.804	nq	
60) Diethylphthalate	15.50	149	740726	43.360	nq	98
61) 4-Chlorophenyl-phenylether	15.71	204	365846	44.219	nq	99
62) 4-Nitroaniline	15.73	138	159641	39.443	nq	95
63) Azobenzene	16.01	77	733466	41.345	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	139835	59.623	nq	94
66) n-Nitrosodiphenylamine	15.93	169	607845	42.025	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	255044	42.466	nq	98
68) Hexachlorobenzene	16.74	284	285447	43.809	nq	98
69) Atrazine	16.88	200	249680	47.117	nq	99
70) Pentachlorophenol	17.07	266	356878	99.547	nq	98
71) Phenanthrene	17.46	178	1109638	43.223	nq	99
72) Anthracene	17.55	178	1128353	44.573	nq	99
73) Carbazole	17.82	167	1080839	44.449	nq	99
74) Di-n-butylphthalate	18.39	149	1285204	43.479	nq	100
75) Fluoranthene	19.47	202	1412104	46.196	nq	99
77) Benzidine	19.64	184	639243	41.978	nq	99
78) Pyrene	19.83	202	1400031	40.681	nq	99
80) Butylbenzylphthalate	20.72	149	619337	40.452	nq	98
81) Benzo(a)anthracene	21.67	228	1402412	41.520	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	376343	28.801	nq	99
83) Chrysene	21.74	228	1325516	41.083	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	850628	40.257	nq	98
85) Di-n-octyl phthalate	22.81	149	1472308	41.639	nq	99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1795920	42.457	nq	# 98
88) Benzo(b)fluoranthene	23.88	252	1539007	44.001	nq	99
89) Benzo(k)fluoranthene	23.95	252	1434124	43.328	nq	99
90) Benzo(a)pyrene	24.74	252	1350348	41.260	nq	96
91) Dibenzo(a,h)anthracene	28.61	278	1463409	45.324	nq	97
92) Benzo(g,h,i)perylene	29.68	276	1490558	45.693	nq	98

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



#1

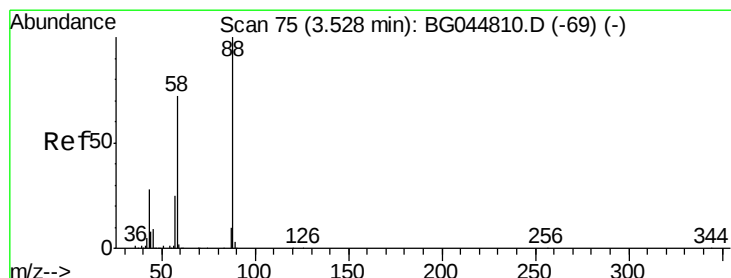
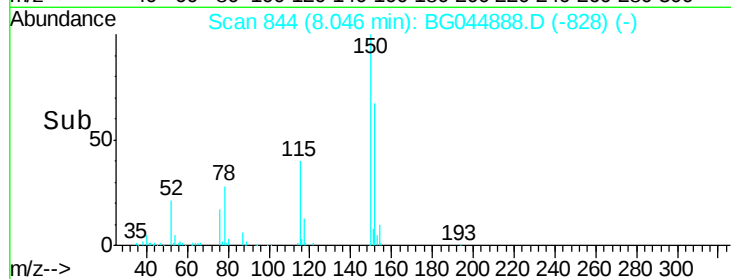
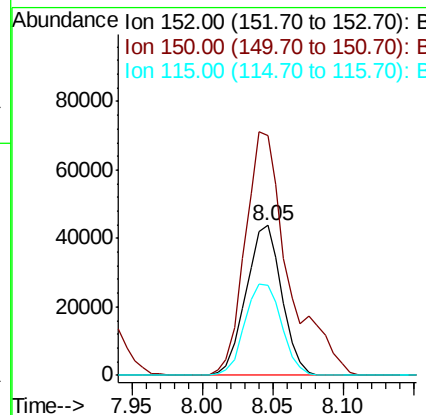
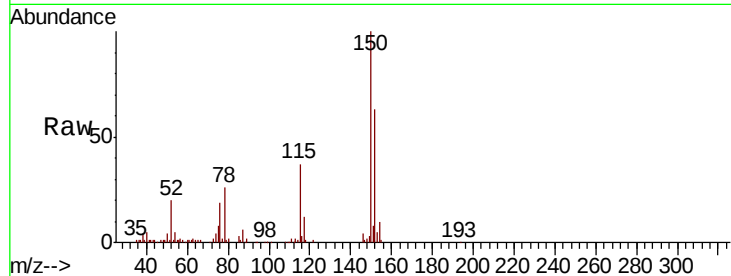
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	128.8	193.2
115	59.9	52.6	79.0

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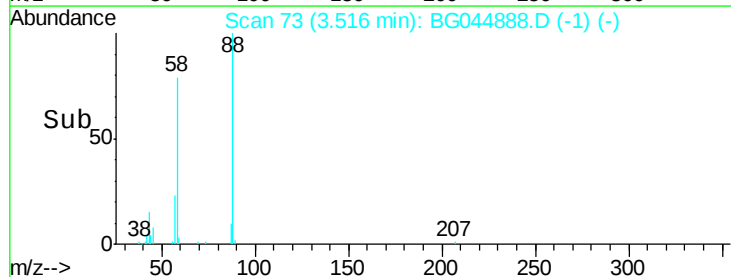
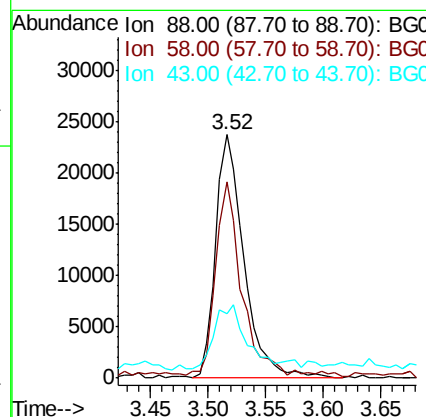
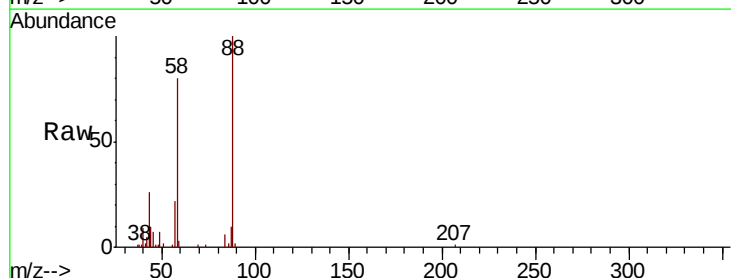
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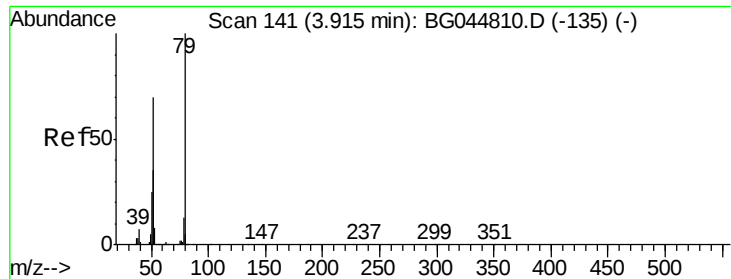


#2

1,4-Dioxane
Concen: 16.800 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	63.0	94.4
43	29.2	24.8	37.2





#3

Pvridine

Concen: 12.000 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

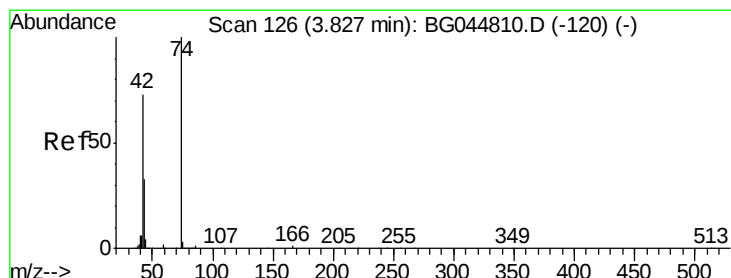
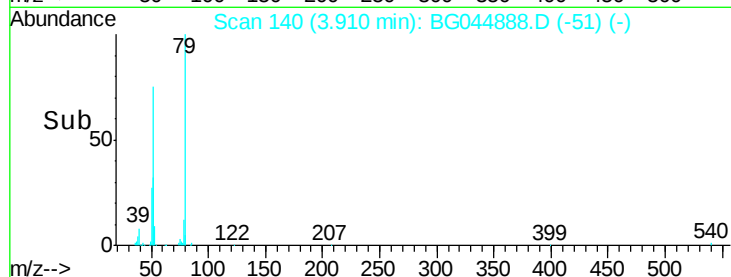
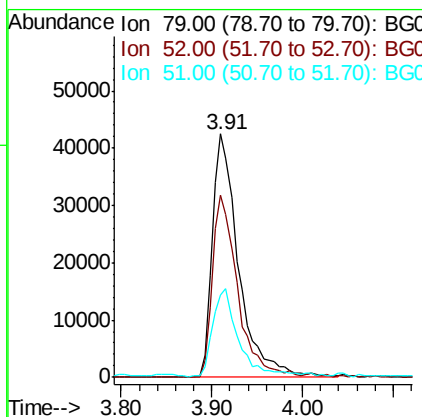
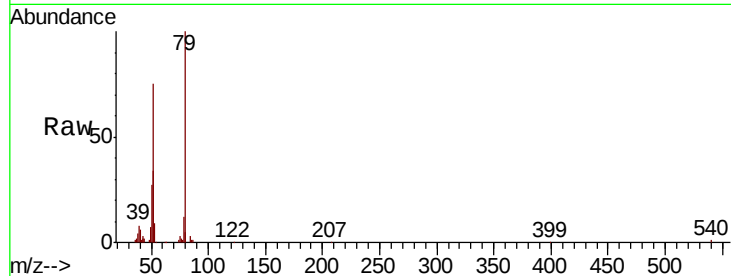
ClientSampleId :

PB127639BS

Tot Ion:	79	Resp:	85517
Ion Ratio	Lower	Upper	
79	100		
52	75.0	56.3	84.5
51	33.8	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 17.853 ng

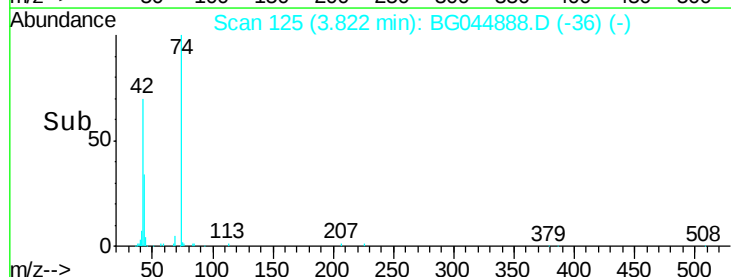
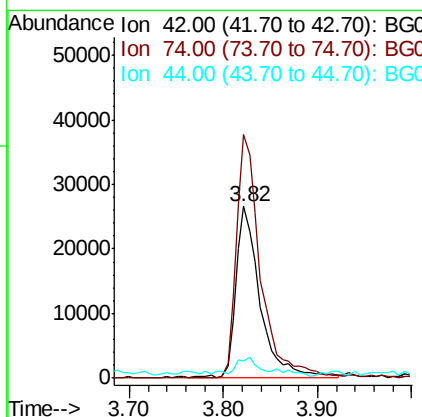
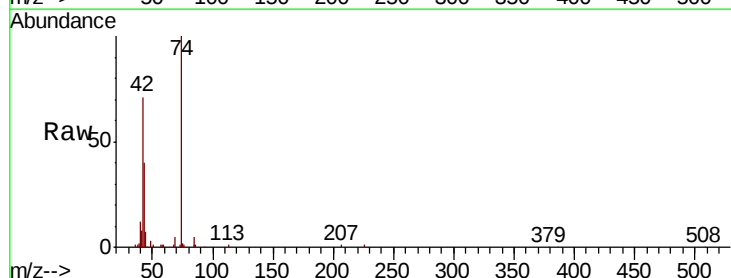
RT: 3.82 min Scan# 125

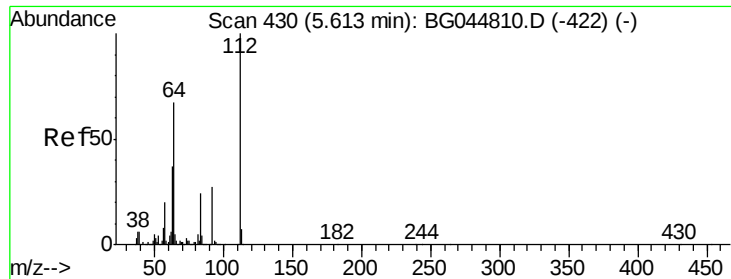
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion:	42	Resp:	48270
Ion Ratio	Lower	Upper	
42	100		
74	141.8	109.1	163.7
44	9.6	5.4	8.2





#5

2-Fluorophenol

Concen: 59.177 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

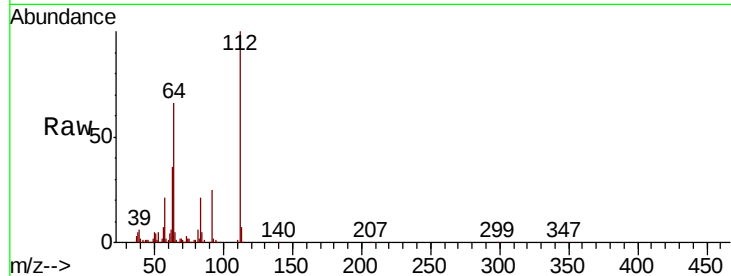
ClientSampleId :

PB127639BS

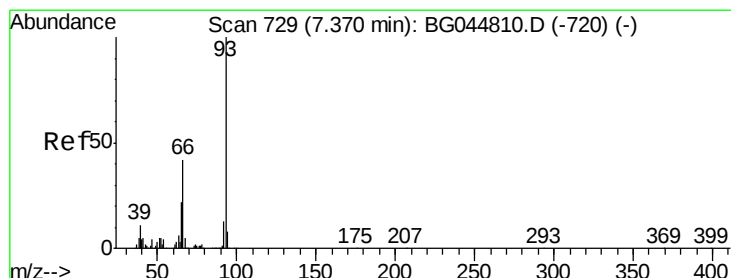
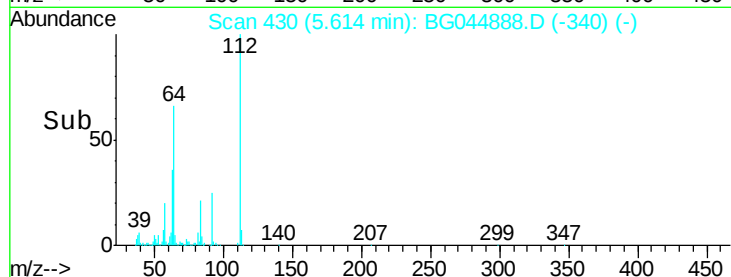
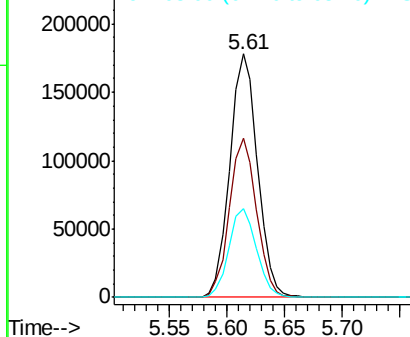
Tot Ion:	112	Resp:	295814
Ion Ratio	Lower	Upper	
112	100		
64	65.5	53.4	80.2
63	36.4	29.4	44.2

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.567 ng

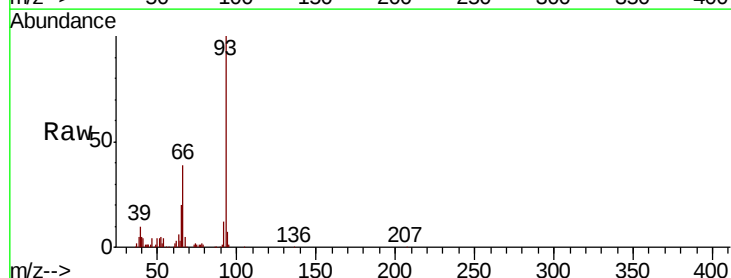
RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

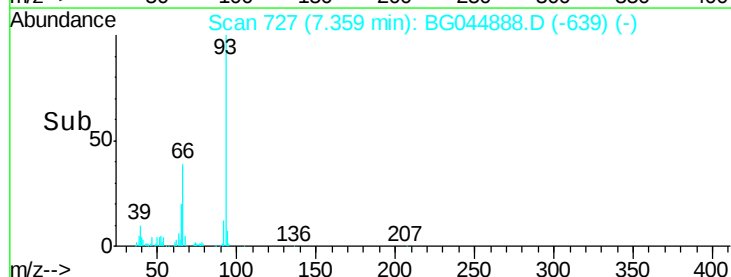
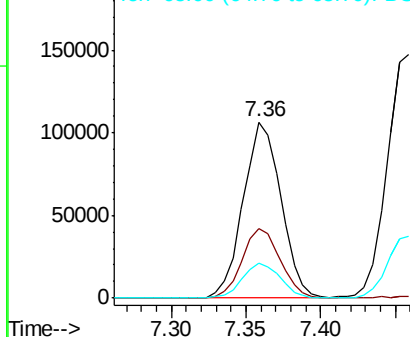
Lab File: BG044888.D

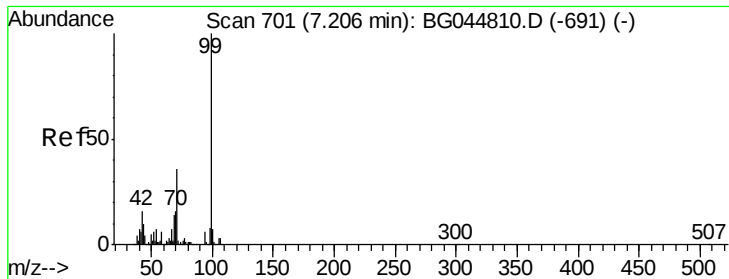
Acq: 19 Mar 2020 8:23

Tgt Ion:	93	Resp:	185870
Ion Ratio	Lower	Upper	
93	100		
66	39.2	33.7	50.5
65	19.9	17.7	26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 33.261 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

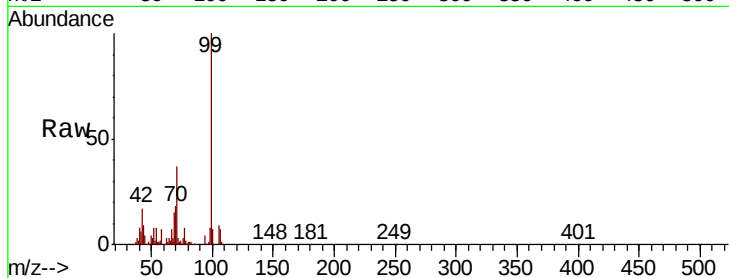
ClientSampleId :

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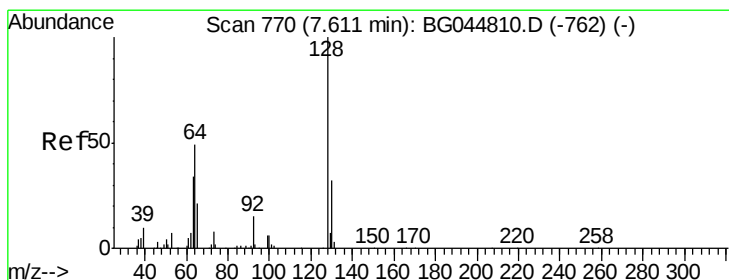
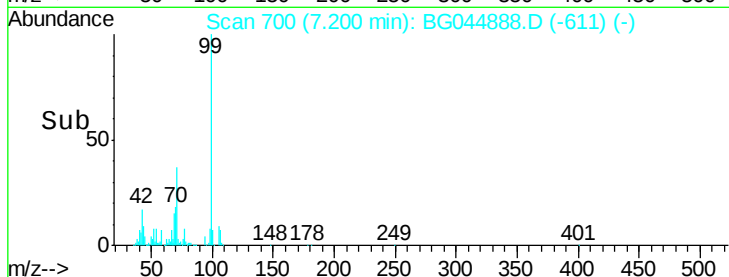
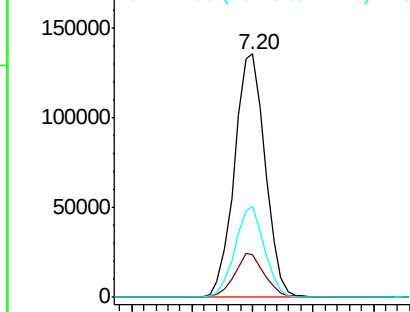
Tot Ion:	99	Resp:	241569
Ion Ratio	Lower	Upper	
99	100		
42	17.5	12.6	19.0
71	37.2	29.0	43.4

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



#8

2-Chlorophenol

Concen: 39.836 ng

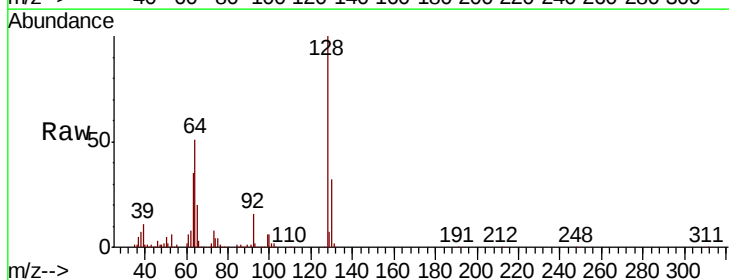
RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

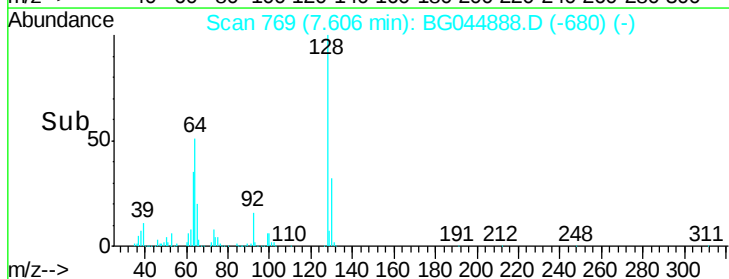
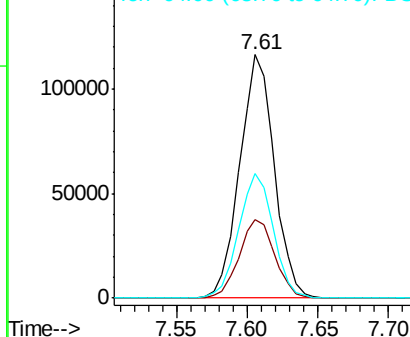
Lab File: BG044888.D

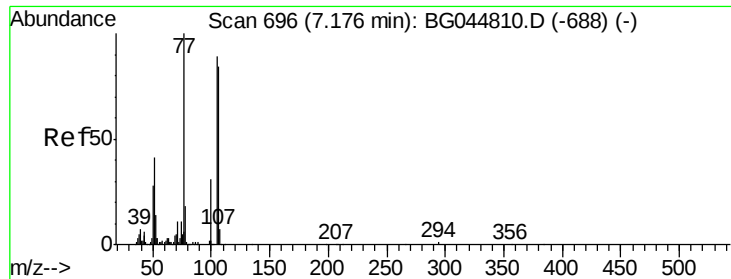
Acq: 19 Mar 2020 8:23

Tgt Ion:	128	Resp:	198785
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.6	51.6
64	51.2	34.5	74.5



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





#9

Benzaldehyde

Concen: 57.626 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

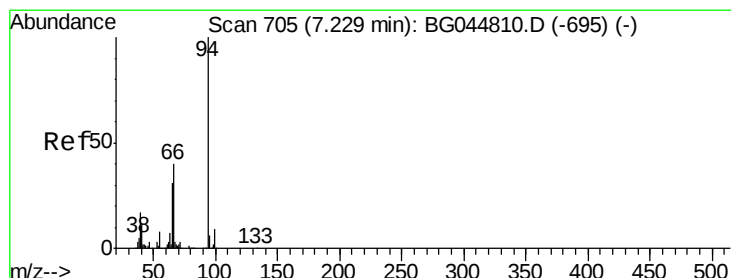
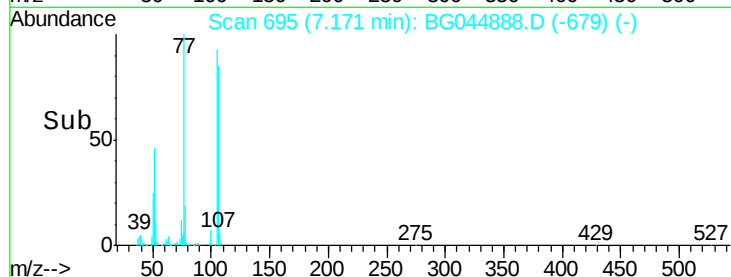
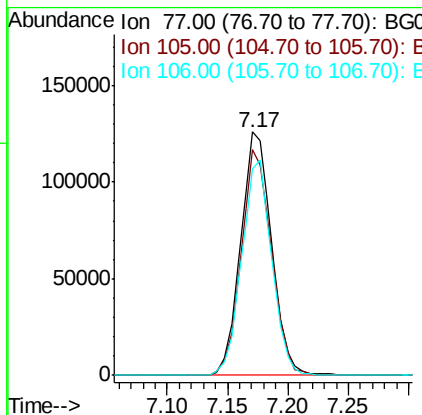
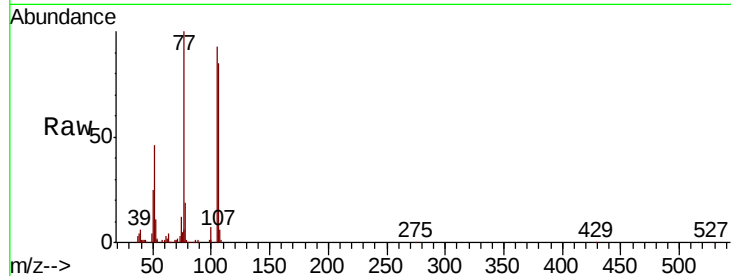
ClientSampleId :

PB127639BS

Tot Ion:	77	Resp:	225424
Ion	Ratio	Lower	Upper
77	100		
105	92.9	69.3	109.3
106	84.8	64.5	104.5

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#10

Phenol

Concen: 12.900 ng

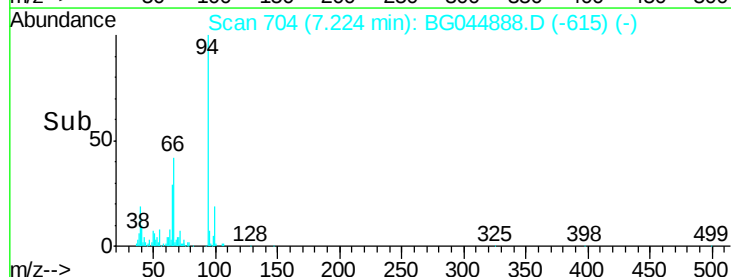
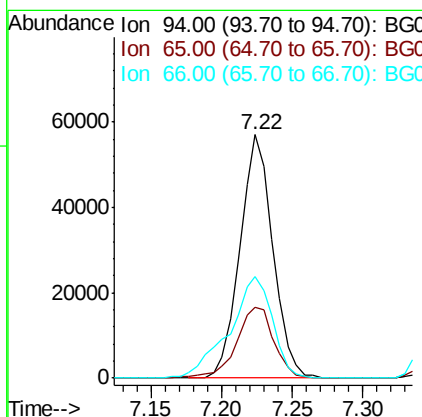
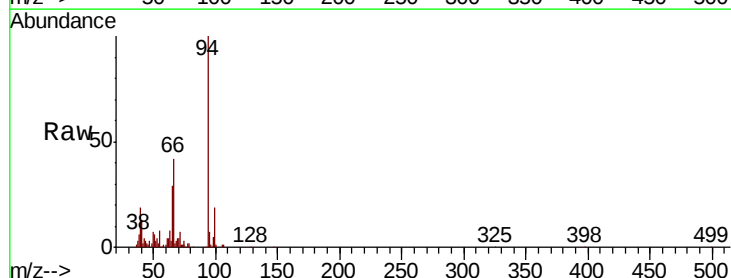
RT: 7.22 min Scan# 704

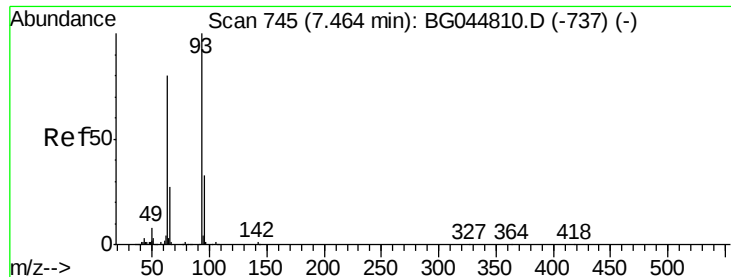
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion:	94	Resp:	92756
Ion	Ratio	Lower	Upper
94	100		
65	29.1	11.0	51.0
66	41.5	20.1	60.1





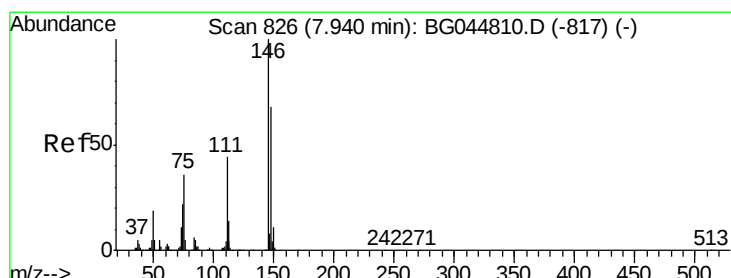
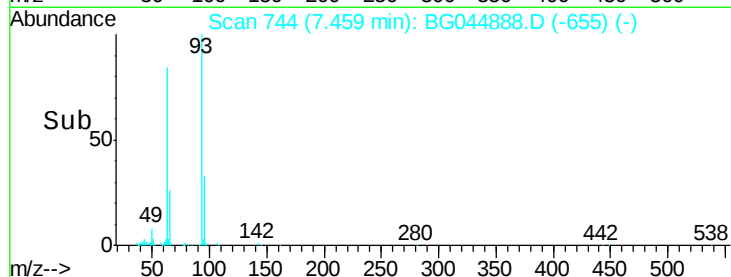
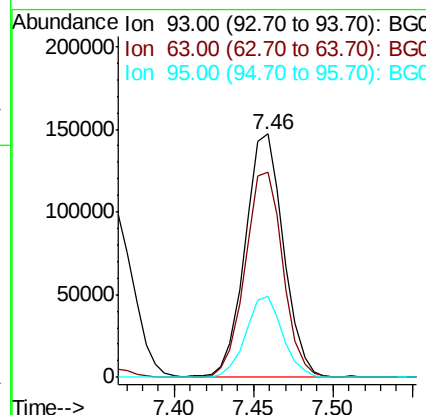
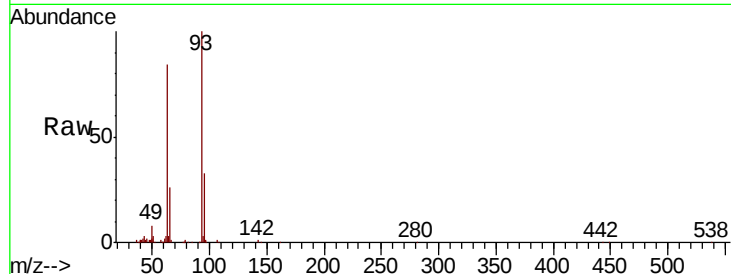
#11
bis(2-Chloroethyl)ether
Concen: 42.943 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		246434		
63	84.3	59.7	99.7		
95	33.4	13.1	53.1		

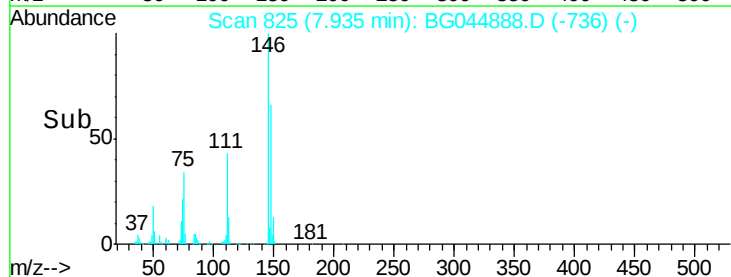
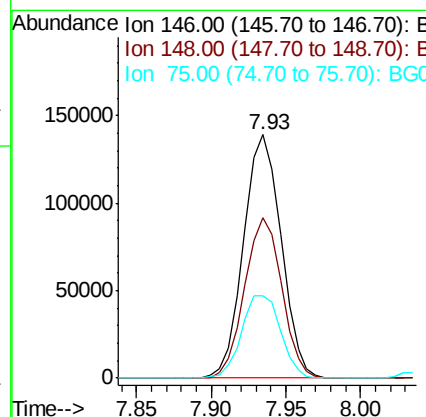
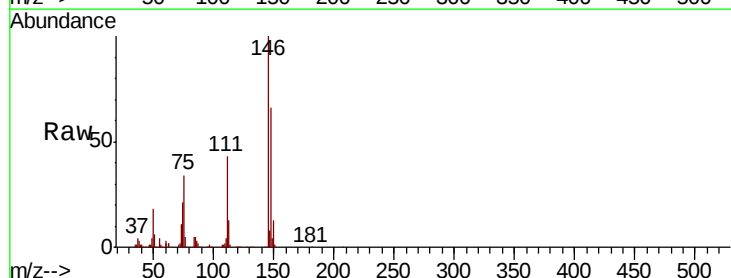
Manual Integrations
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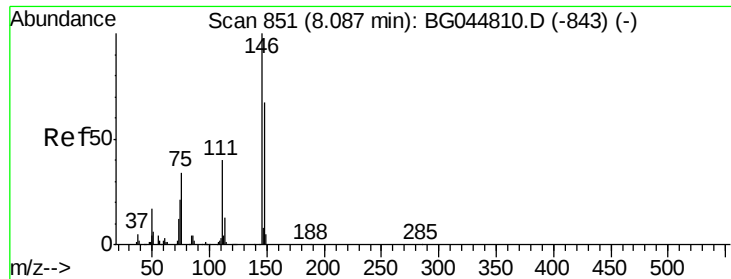
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.493 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		242766		
148	65.6	54.2	81.4		
75	33.7	28.6	42.8		





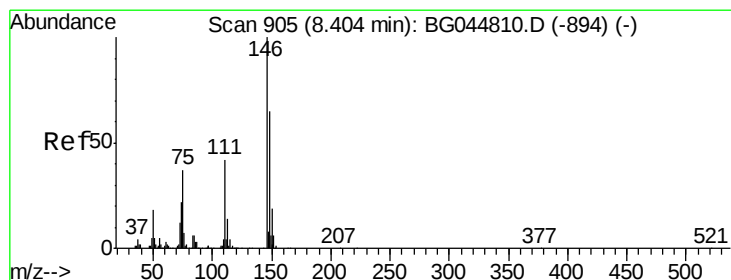
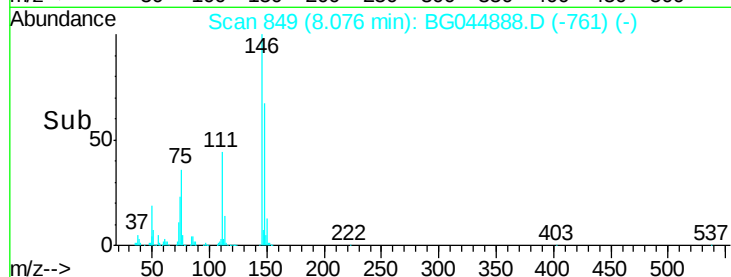
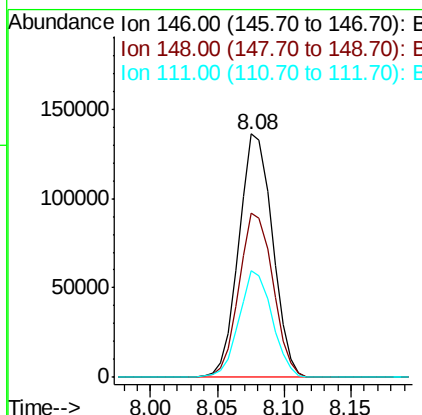
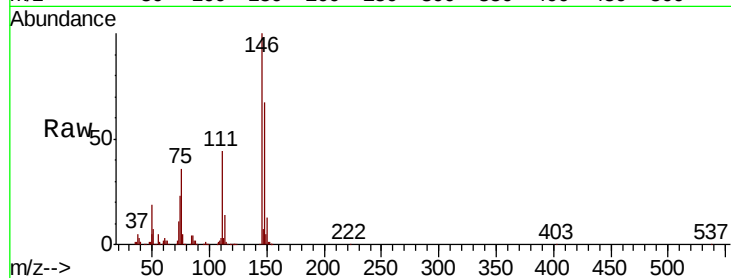
#13
 1,4-Dichlorobenzene
 Concen: 39.245 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 PB127639BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	53.8	80.6
111	43.5	32.0	48.0

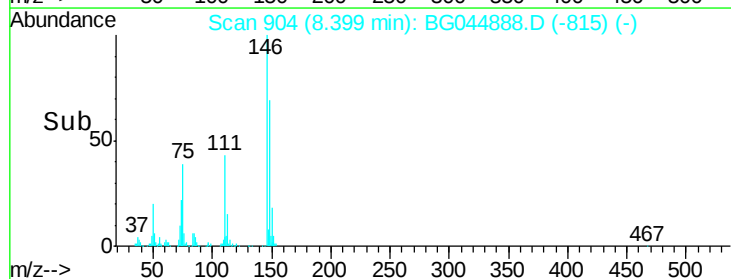
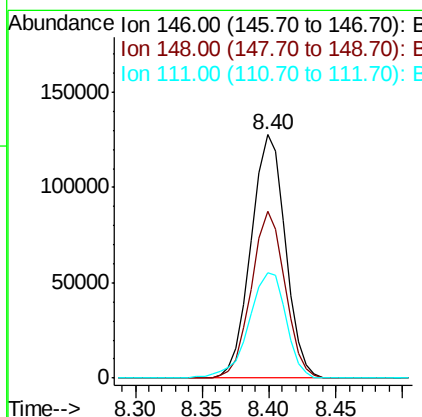
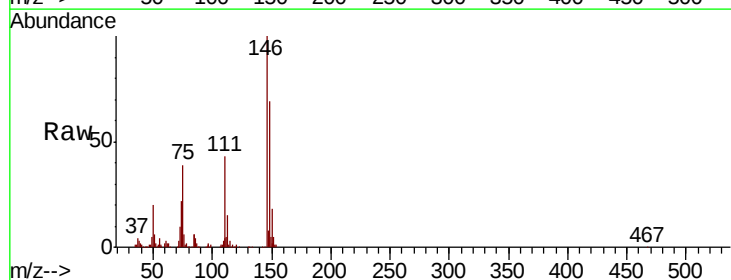
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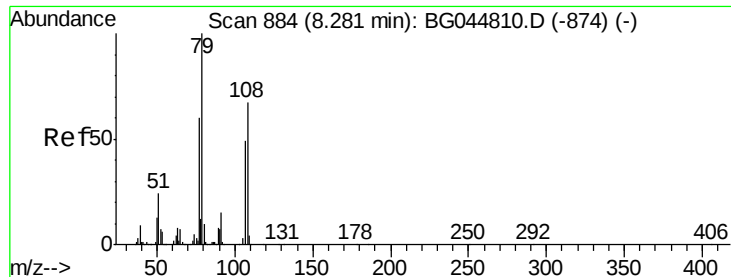
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#14
 1,2-Dichlorobenzene
 Concen: 39.316 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	52.1	78.1
111	43.5	33.4	50.2





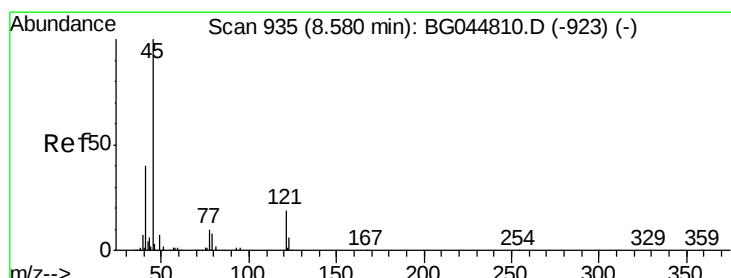
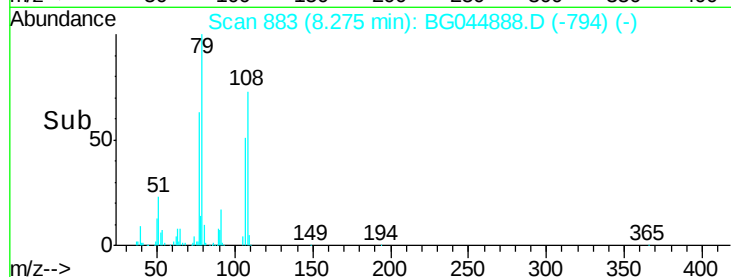
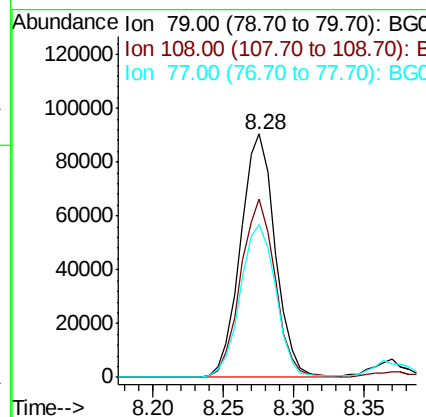
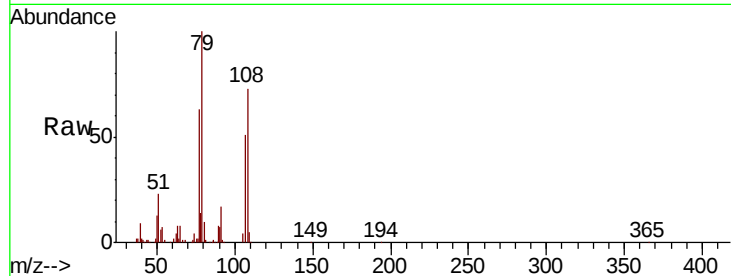
#15
Benzyl Alcohol
Concen: 26.739 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.4	53.8	80.8
77	62.9	47.8	71.8

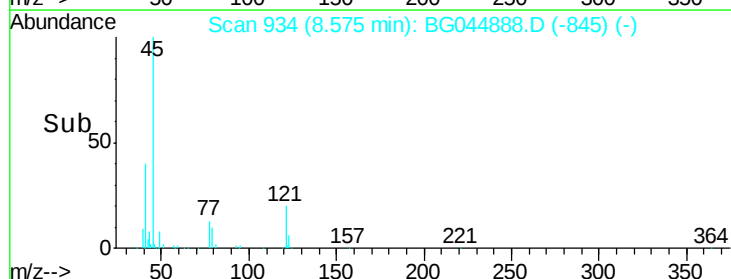
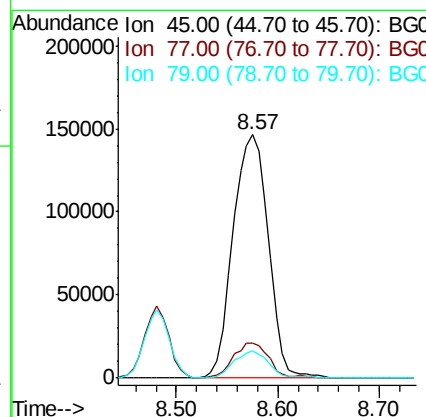
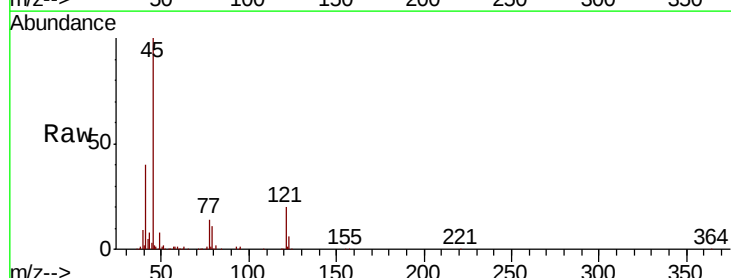
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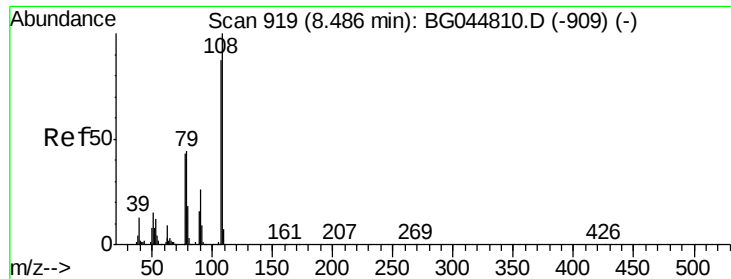
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.812 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	33.9
79	11.2	0.0	30.8





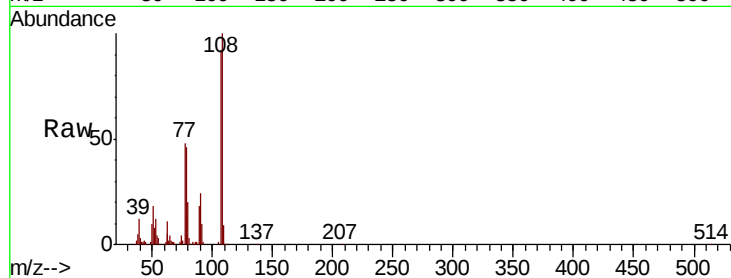
#17
2-Methylphenol
Concen: 29.824 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

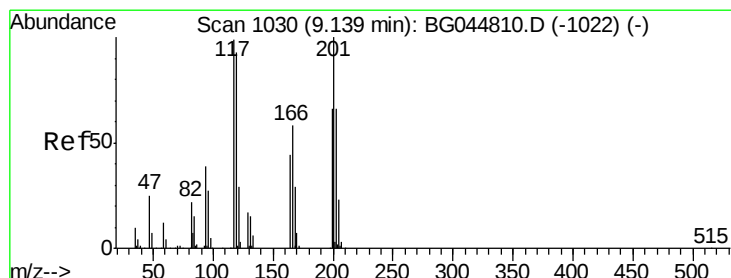
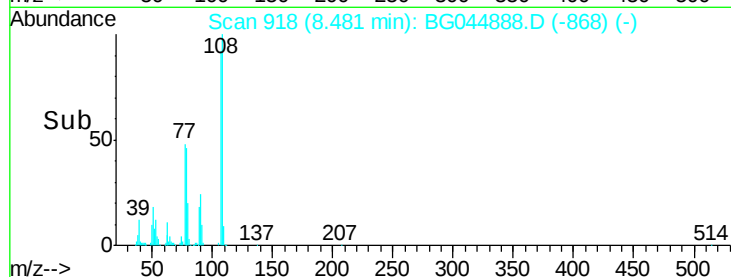
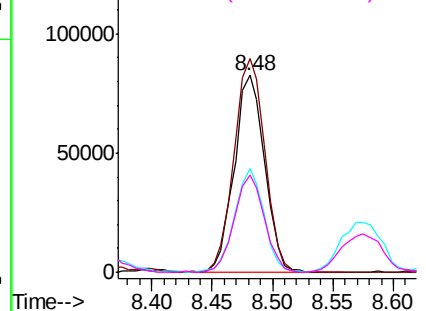
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	91.8	137.8	
77	52.5	40.0	60.0	
79	49.5	40.2	60.2	

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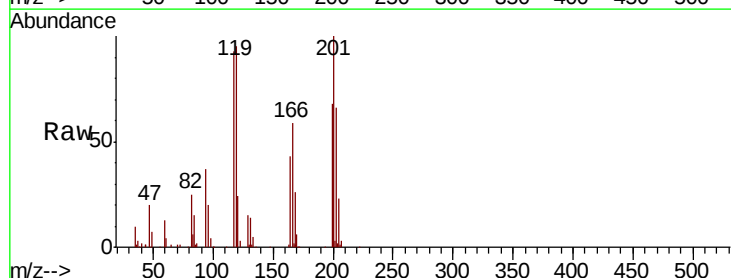


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

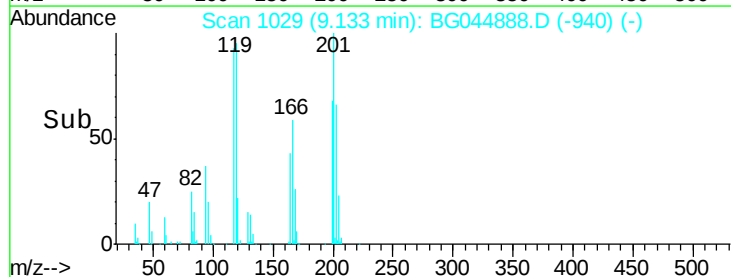
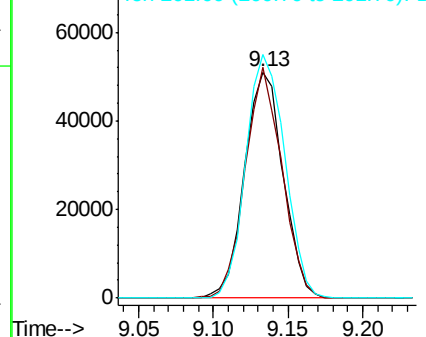


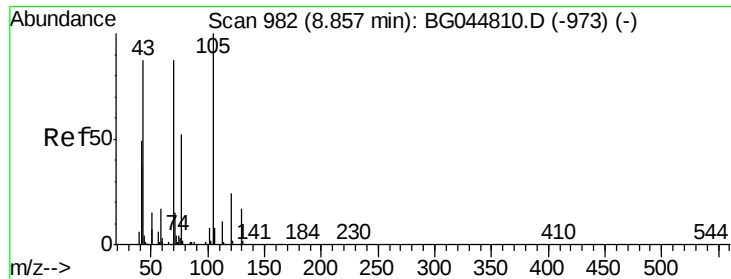
#18
Hexachloroethane
Concen: 38.143 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.9	75.2	112.8	
201	107.7	81.1	121.7	



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





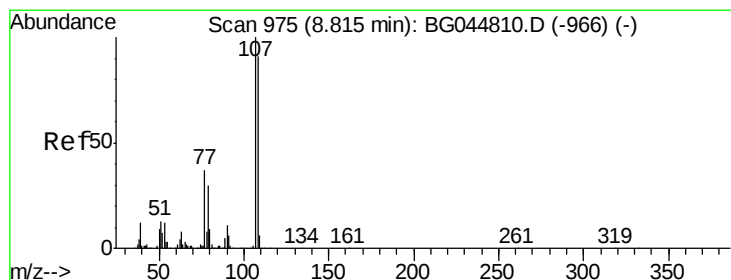
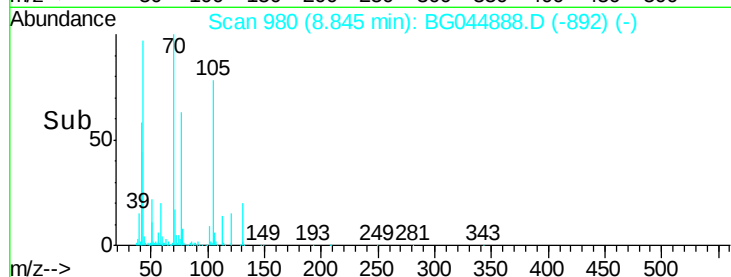
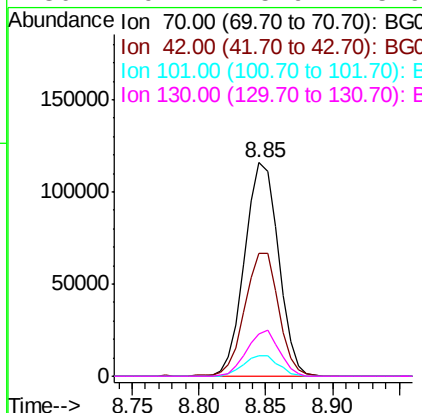
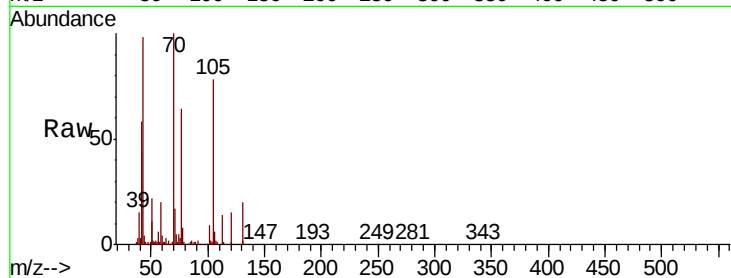
#19
n-Nitroso-di-n-propylamine
Concen: 39.539 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.7	45.7	68.5	
101	9.4	7.4	11.2	
130	19.7	15.9	23.9	

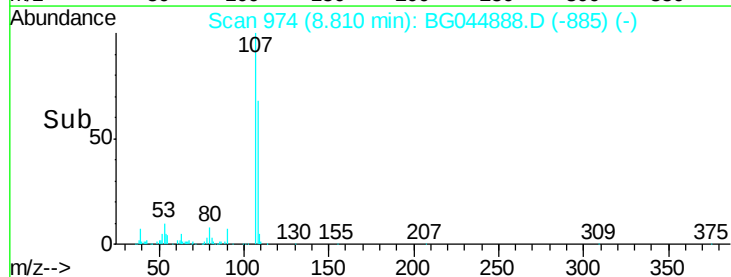
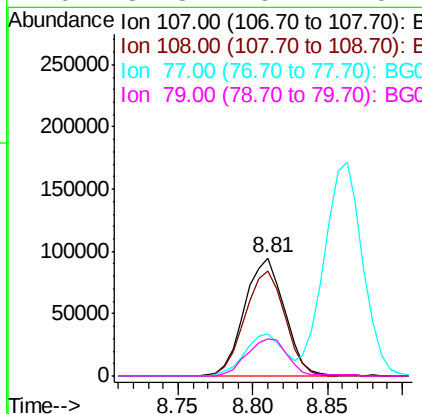
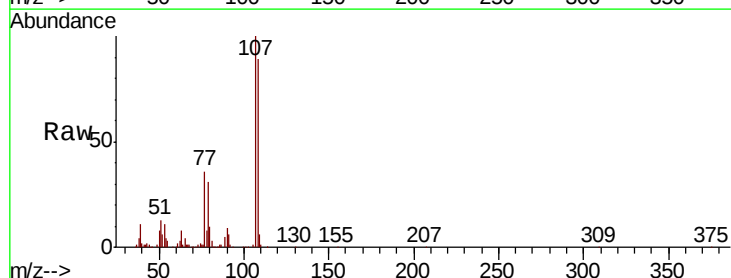
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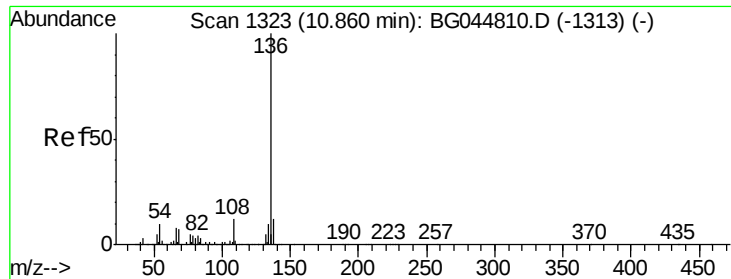
mohammad
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#20
3+4-Methylphenols
Concen: 26.155 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	71.3	111.3	
77	36.0	16.9	56.9	
79	31.3	9.7	49.7	





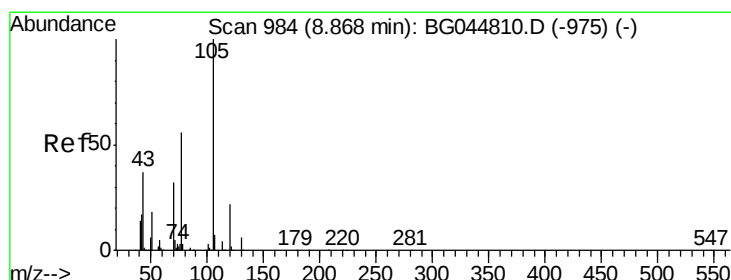
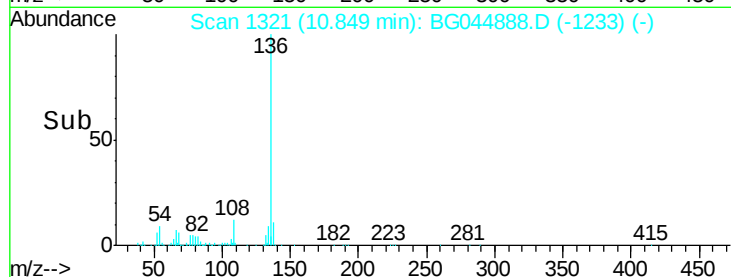
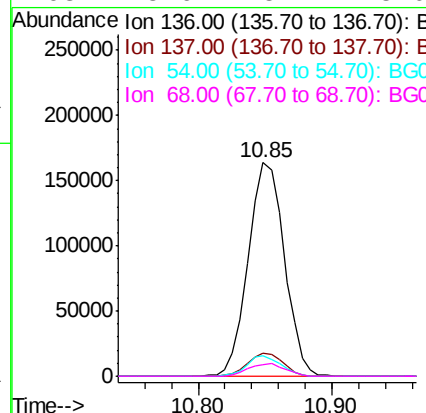
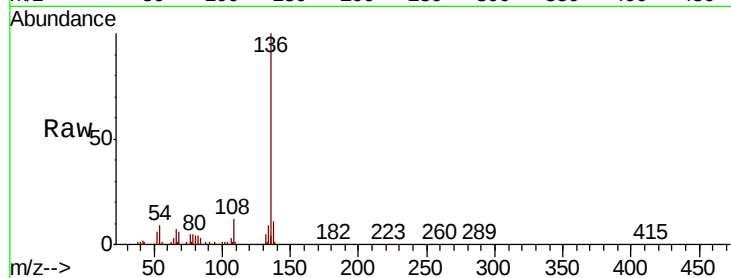
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	306285		
137	11.0		9.8	14.6
54	9.5		7.9	11.9
68	5.6		5.4	8.0

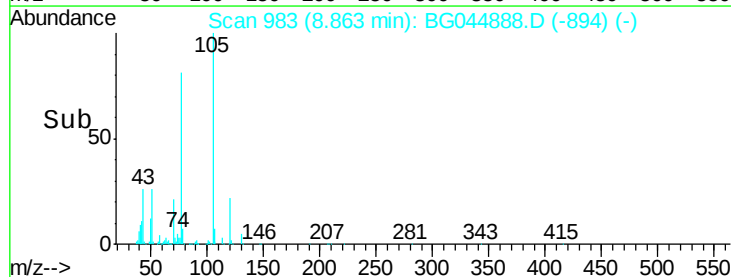
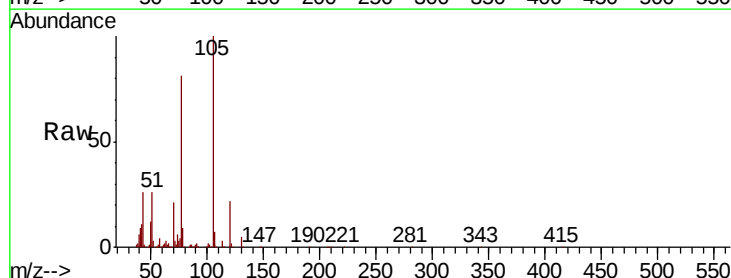
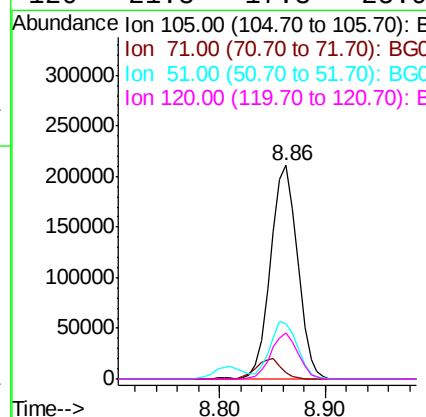
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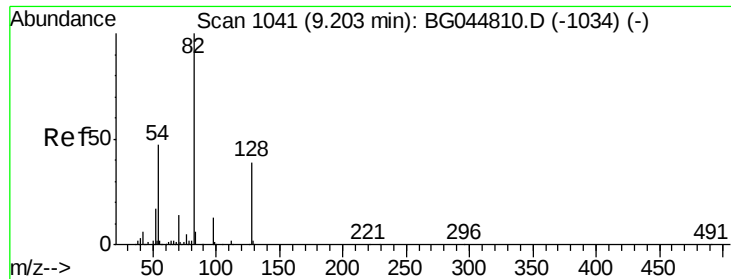
mohammad
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#22
Acetophenone
Concen: 43.211 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	374941		
71	3.0		3.9	5.9#
51	26.0		22.6	33.8
120	21.8		17.3	25.9





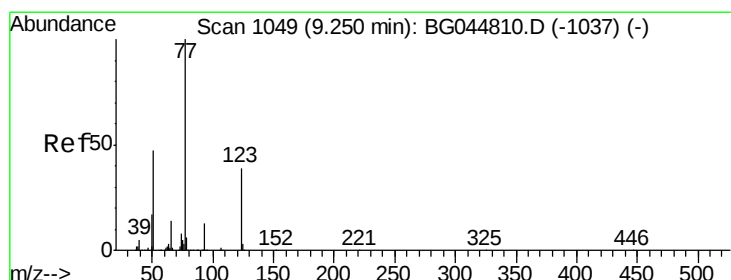
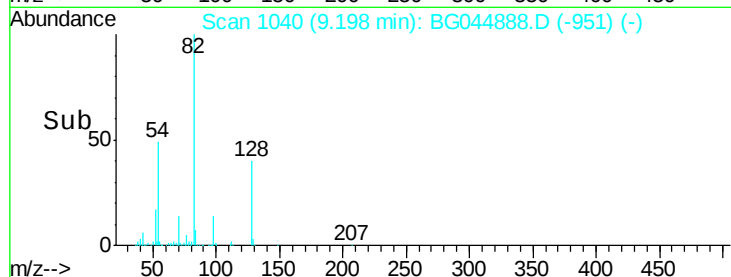
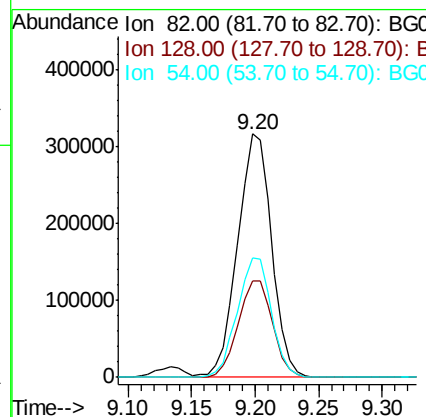
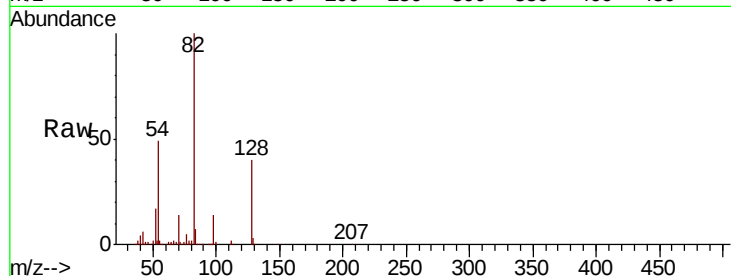
#23
Nitrobenzene-d5
Concen: 84.121 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.6	46.0
54	49.0	37.1	55.7

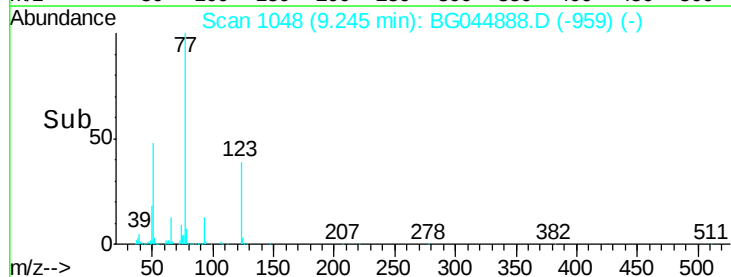
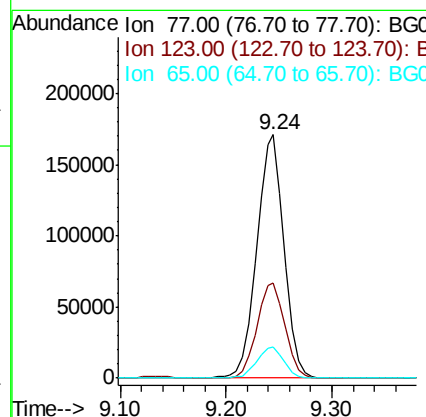
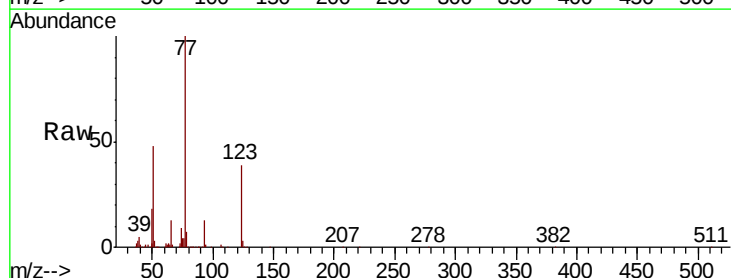
Manual Integrations
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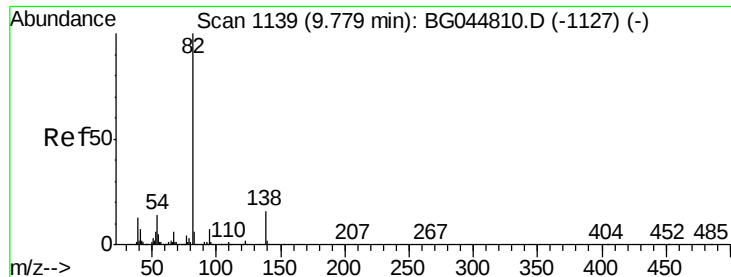
mohammad
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#24
Nitrobenzene
Concen: 42.182 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	31.3	46.9
65	12.9	11.4	17.0





#25

Isophorone

Concen: 41.533 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

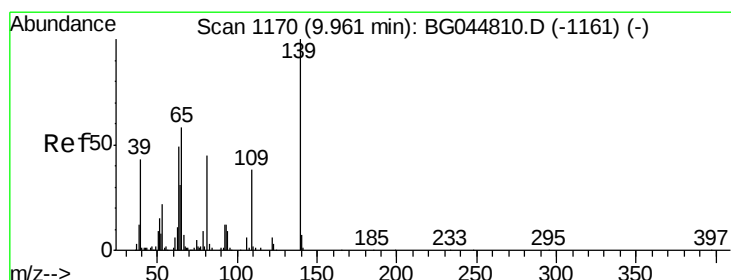
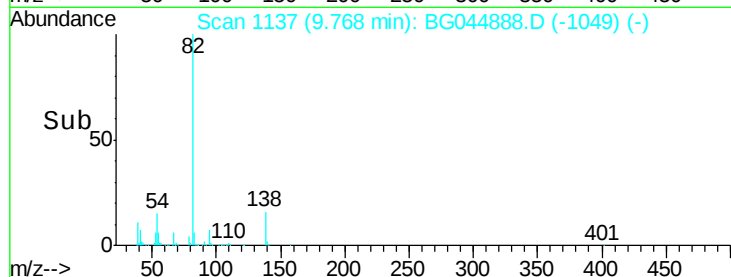
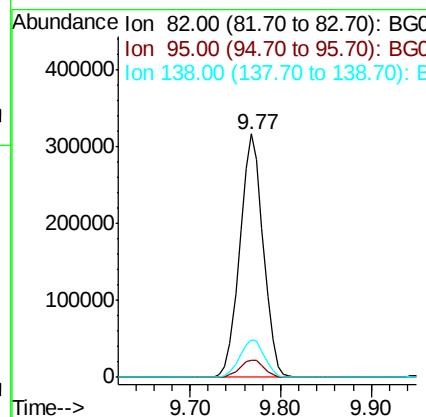
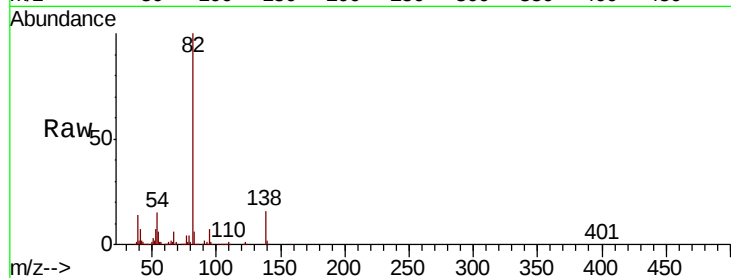
ClientSampleId :

PB127639BS

Tot Ion	82	Resp	565780
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.5	8.3
138	15.5	12.5	18.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.881 ng

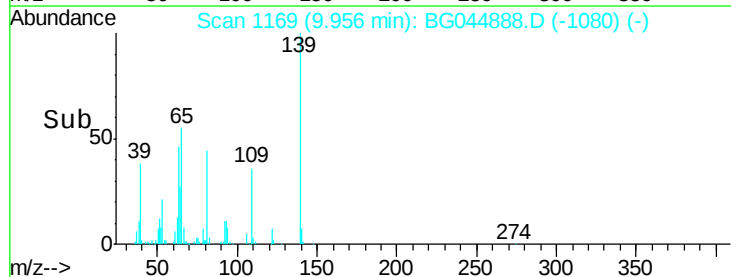
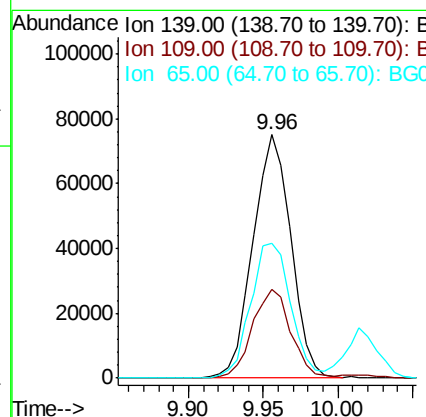
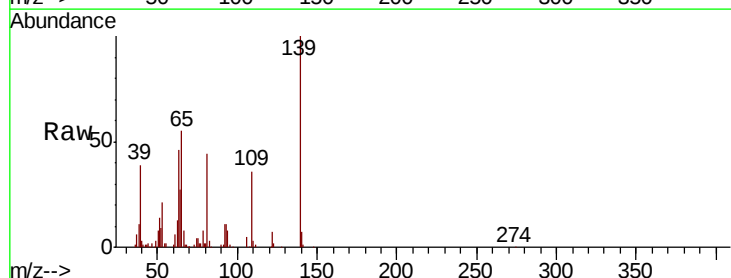
RT: 9.96 min Scan# 1169

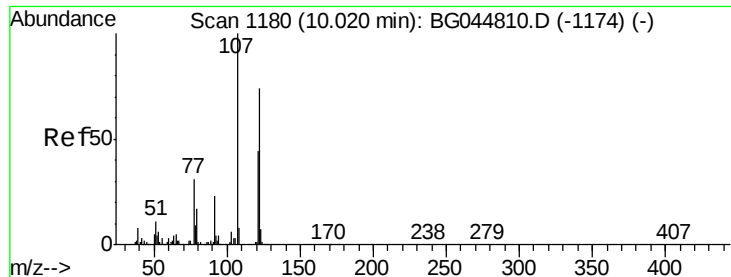
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion	139	Resp	131711
Ion Ratio	Lower	Upper	
139	100		
109	36.5	30.2	45.4
65	55.2	46.3	69.5





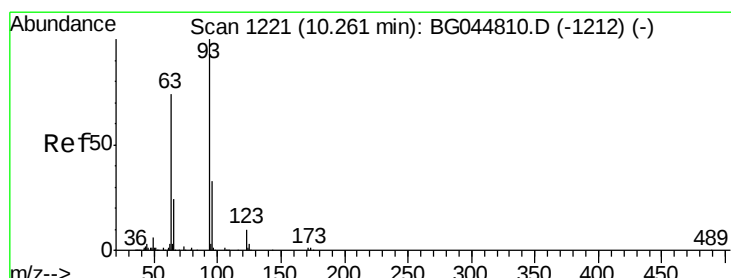
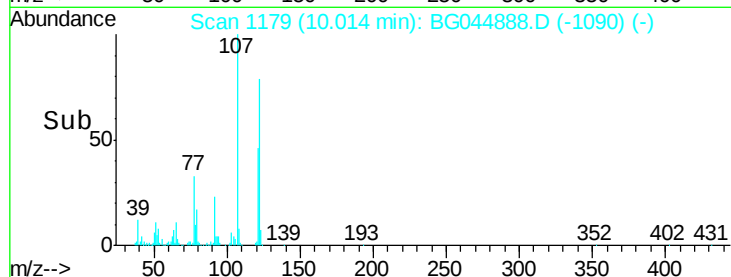
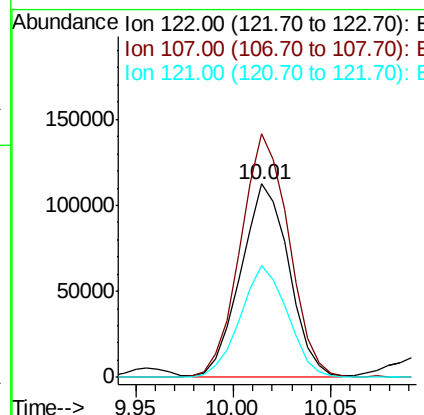
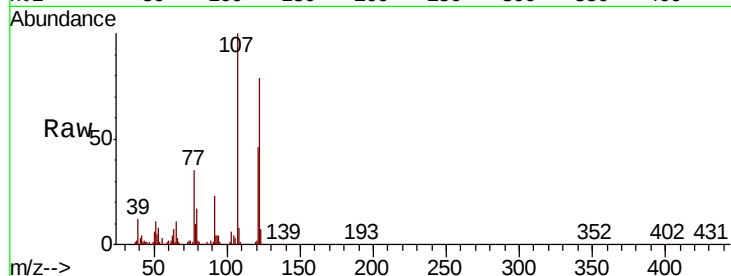
#27
2,4-Dimethylphenol
Concen: 43.144 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.0	107.1	160.7
121	58.1	46.8	70.2

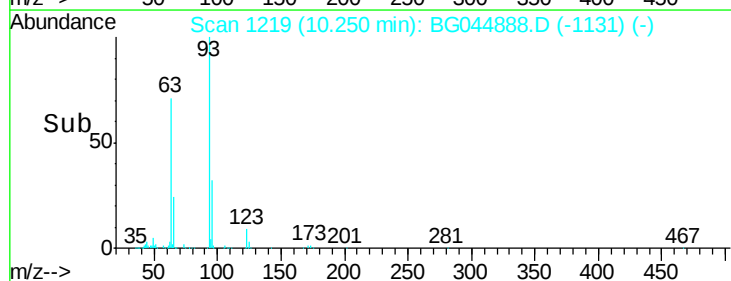
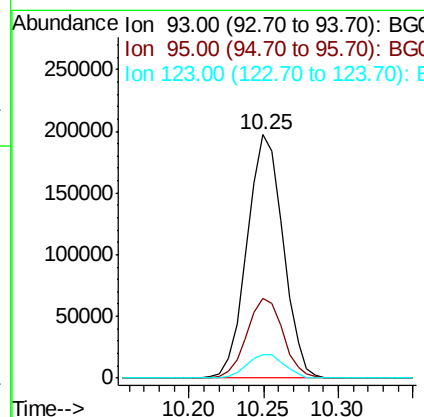
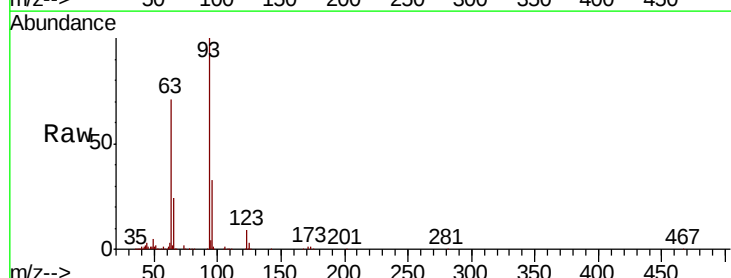
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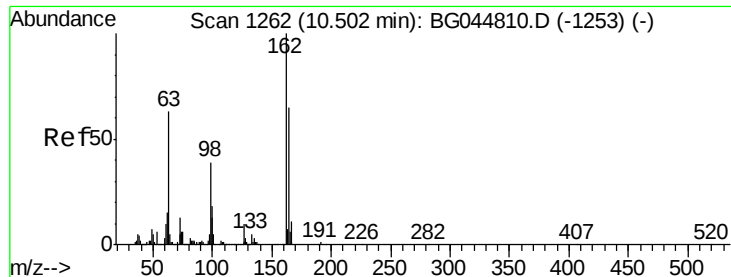
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.423 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	9.4	8.4	12.6





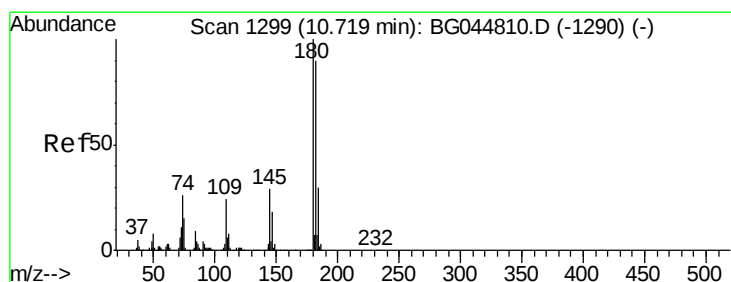
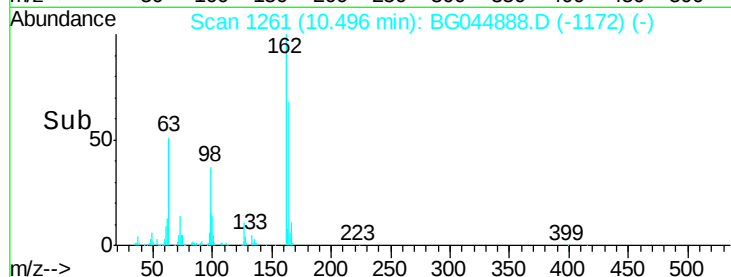
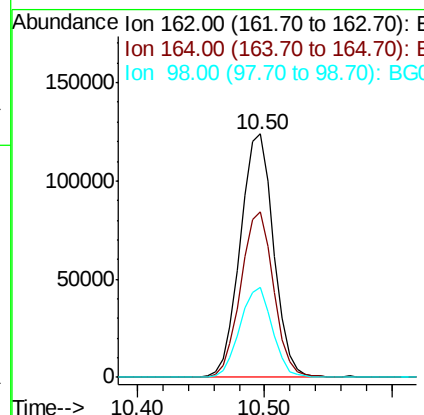
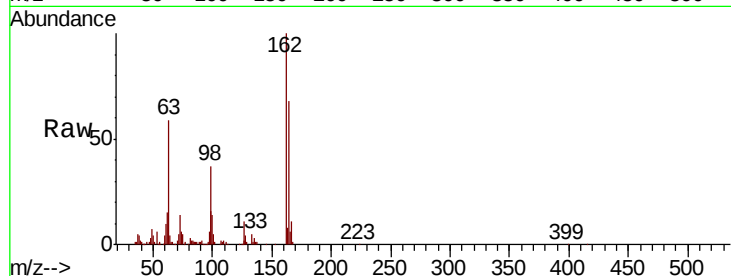
#29
 2,4-Dichlorophenol
 Concen: 43.537 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 PB127639BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.2	45.2	85.2
98	37.0	19.0	59.0

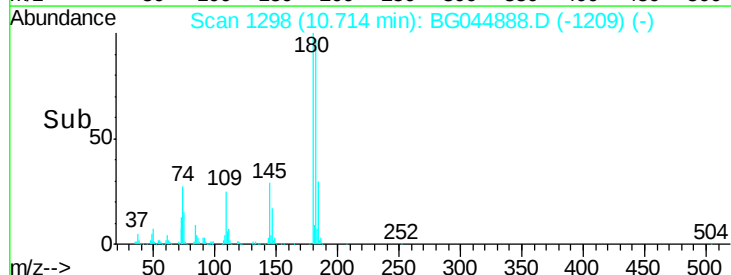
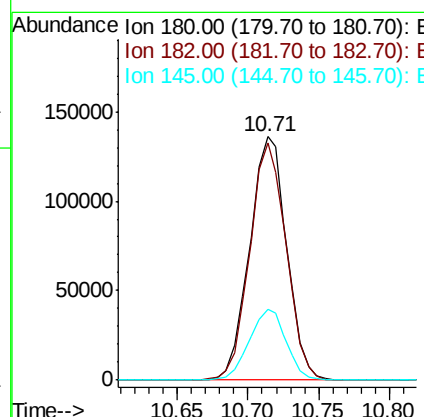
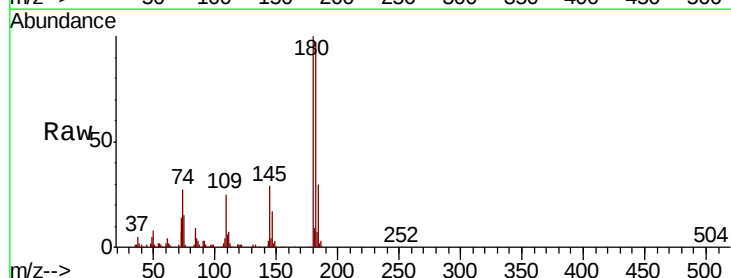
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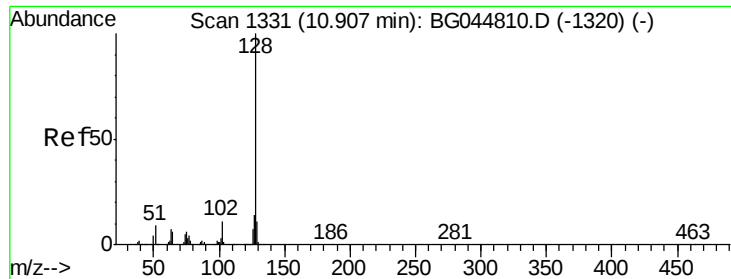
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.358 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.2	71.6	107.4
145	29.1	23.4	35.0





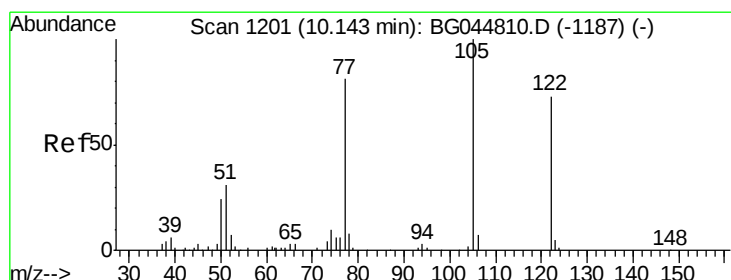
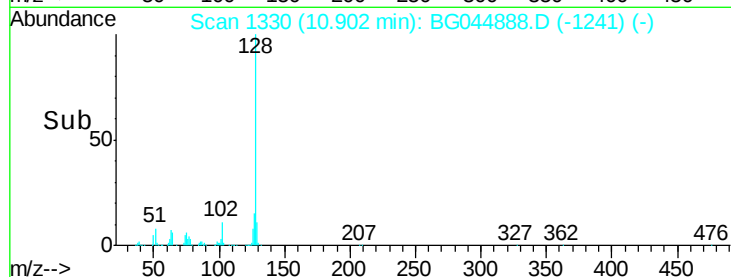
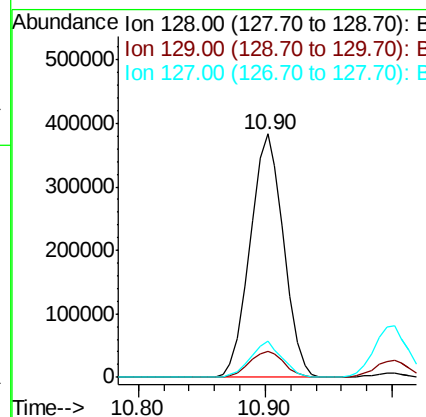
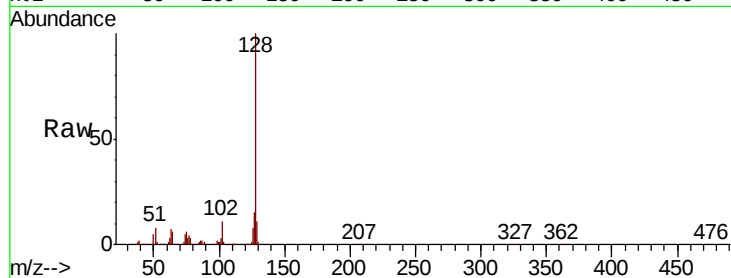
#31
Naphthalene
Concen: 41.335 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	9.0	13.4	
127	14.6	10.8	16.2	

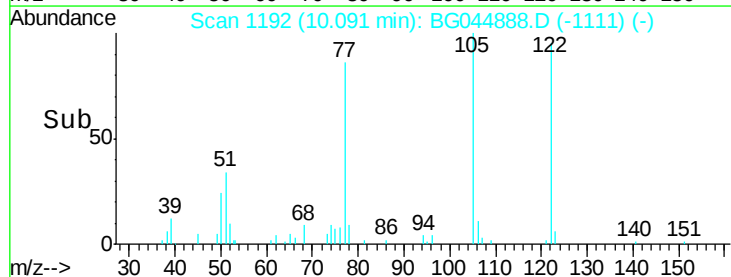
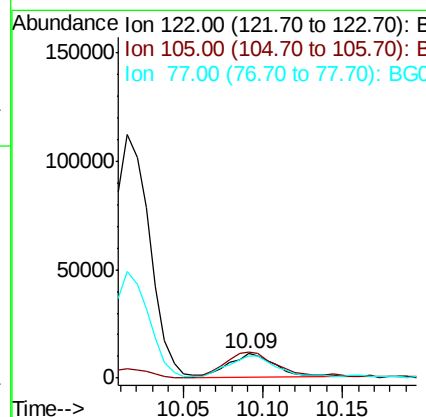
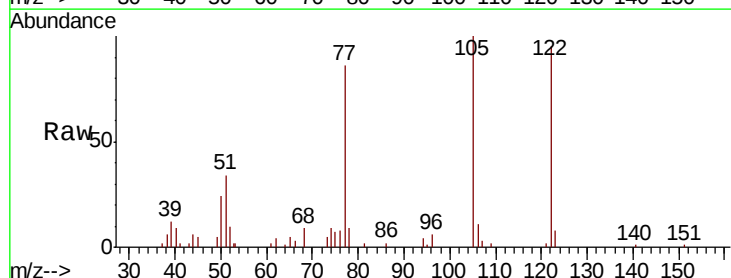
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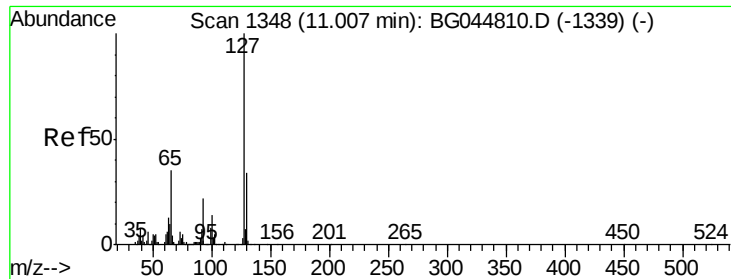
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#32
Benzoic acid
Concen: 14.640 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.05 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	104.7	109.1	149.1#	
77	89.7	85.3	125.3	





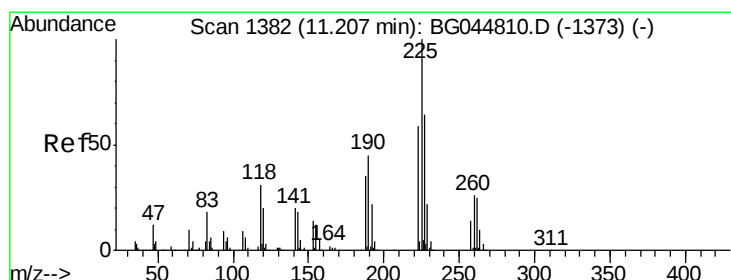
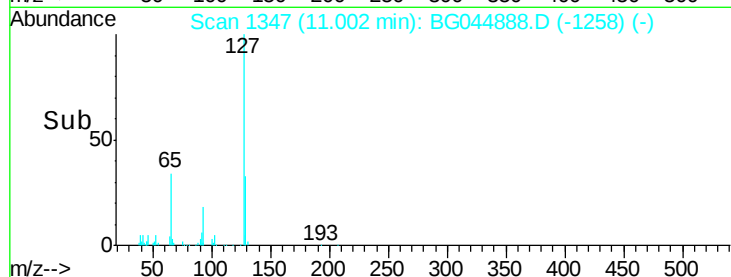
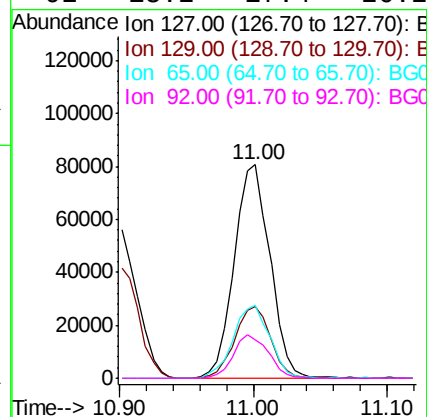
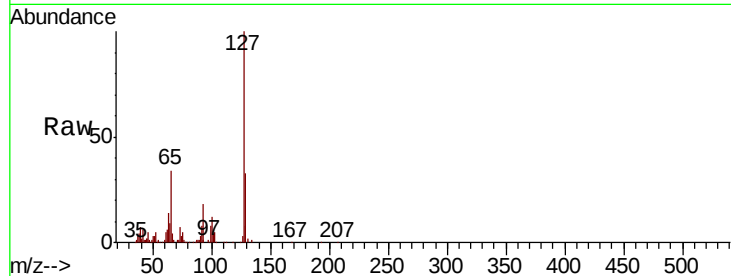
#33
4-Chloroaniline
Concen: 19.691 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.9	40.3
65	34.3	27.7	41.5
92	18.2	17.4	26.2

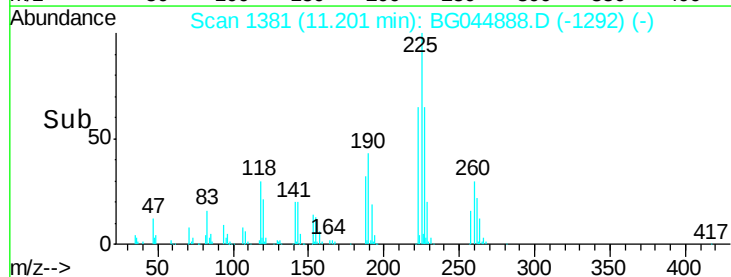
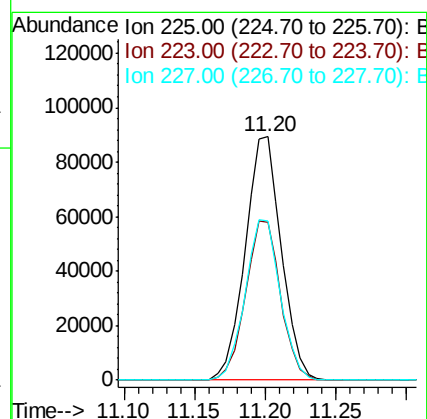
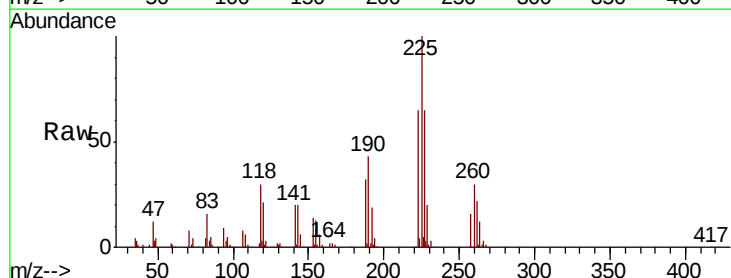
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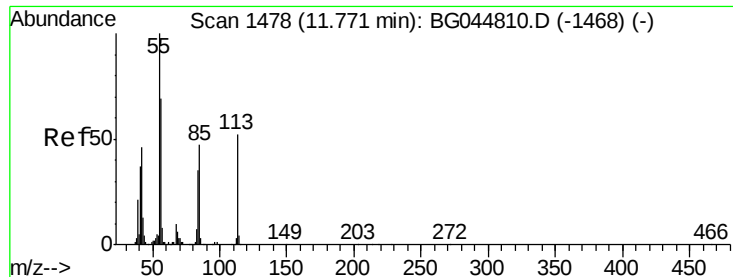
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#34
Hexachlorobutadiene
Concen: 39.197 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	47.4	71.0
227	65.4	50.8	76.2





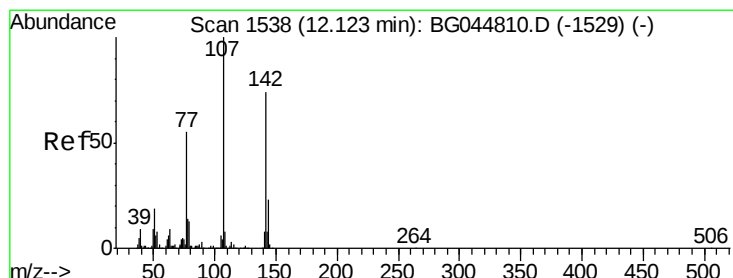
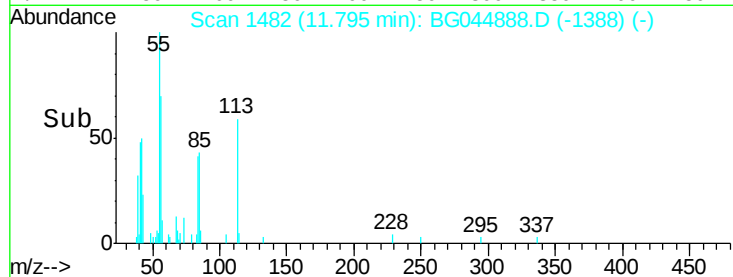
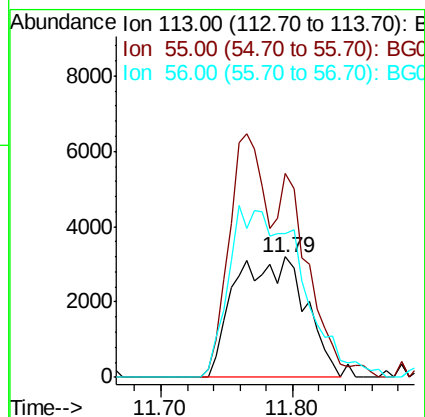
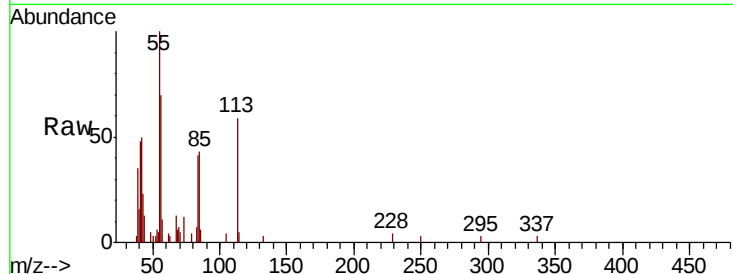
#35
 Caprolactam
 Concen: 5.982 ng/ml
 RT: 11.79 min Scan# 1482
 Delta R.T. 0.02 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 PB127639BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	169.7		173.8	213.8	
56	119.2		113.8	153.8	

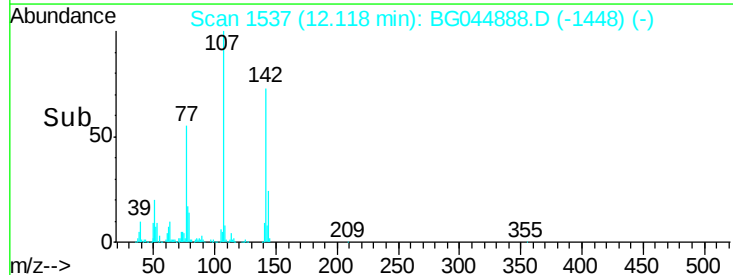
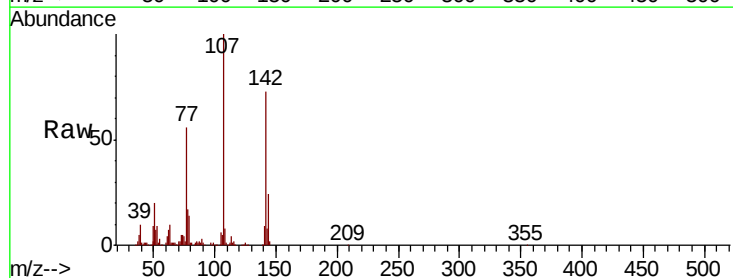
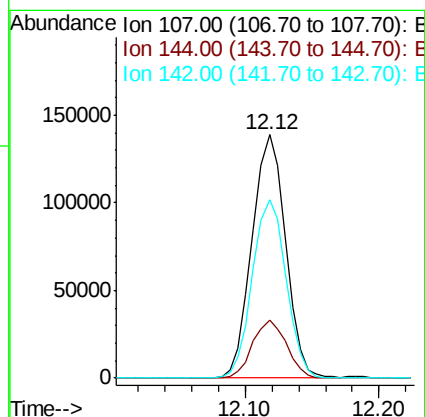
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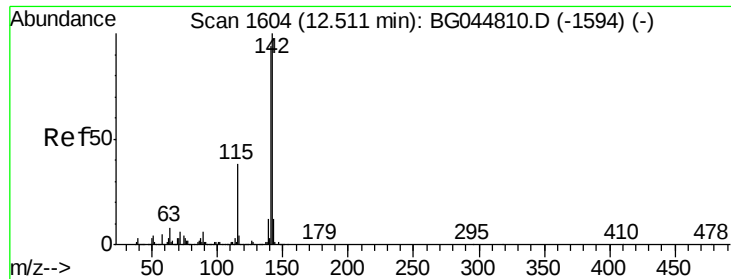
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#36
 4-Chloro-3-methylphenol
 Concen: 39.026 ng/ml
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.0		18.0	27.0	
142	73.5		59.0	88.4	





#37

2-Methylnaphthalene

Concen: 41.938 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

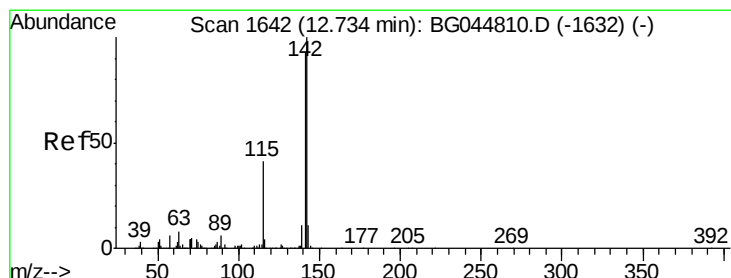
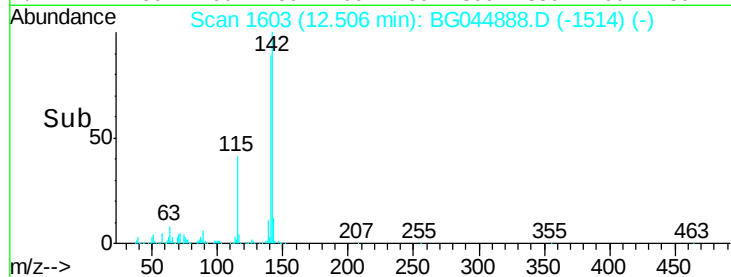
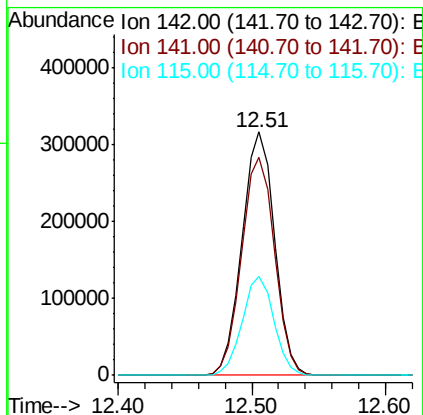
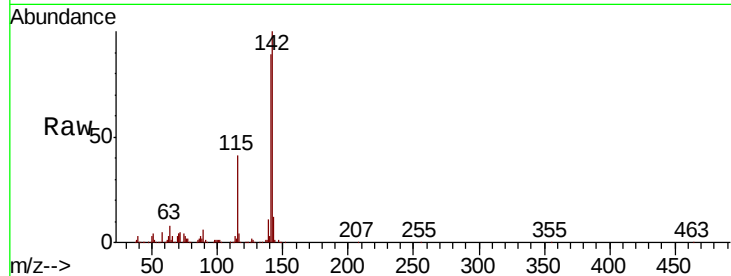
ClientSampleId :

PB127639BS

Tot Ion:	142	Resp:	532263
Ion Ratio	Lower	Upper	
142	100		
141	89.3	75.1	112.7
115	40.7	30.6	46.0

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#38

1-Methylnaphthalene

Concen: 42.522 ng m

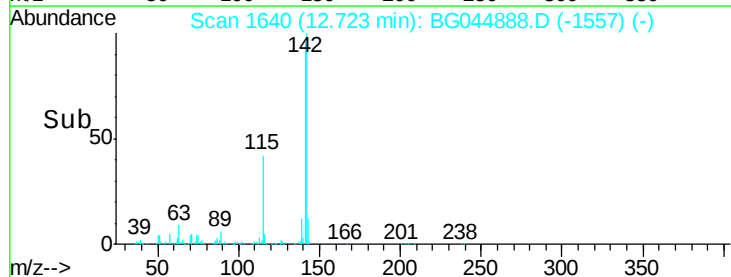
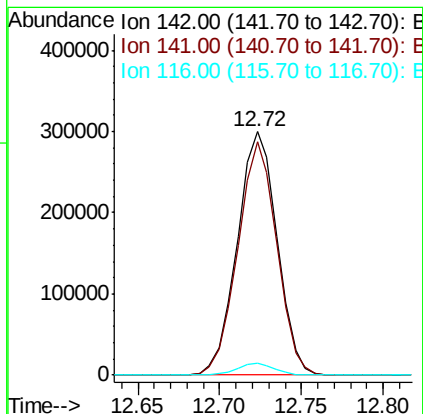
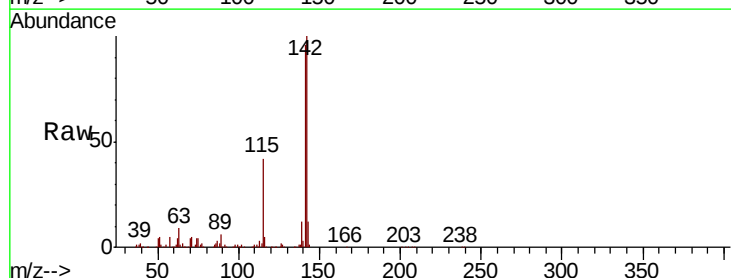
RT: 12.72 min Scan# 1640

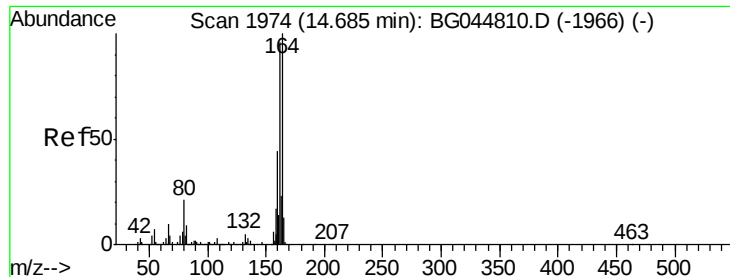
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion:	142	Resp:	507375
Ion Ratio	Lower	Upper	
142	100		
141	95.6	74.7	112.1
116	5.1	3.3	4.9#





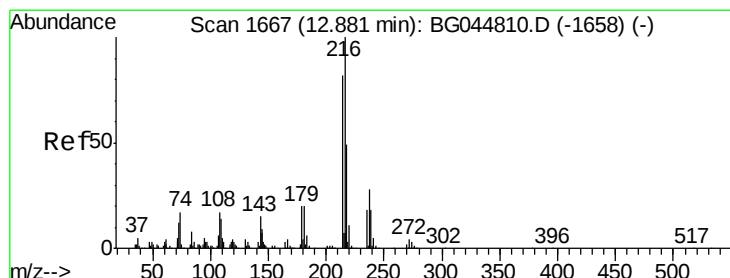
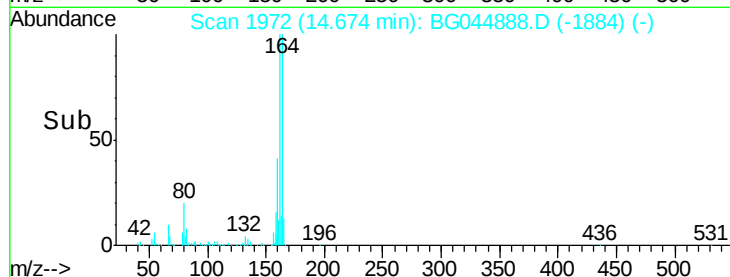
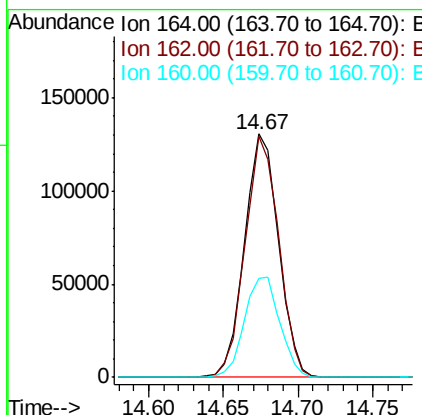
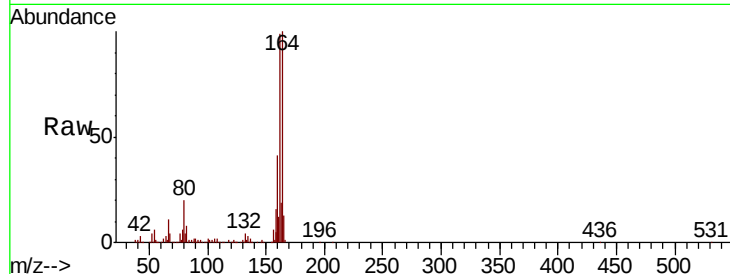
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	76.7	115.1
160	40.9	35.0	52.4

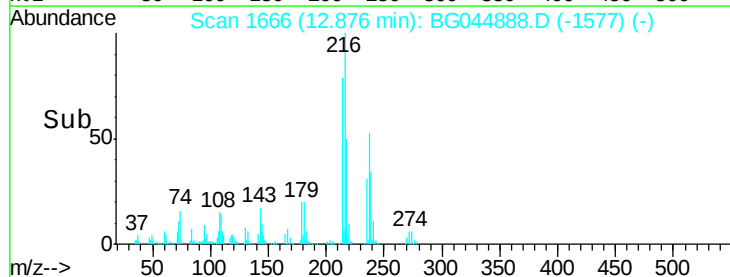
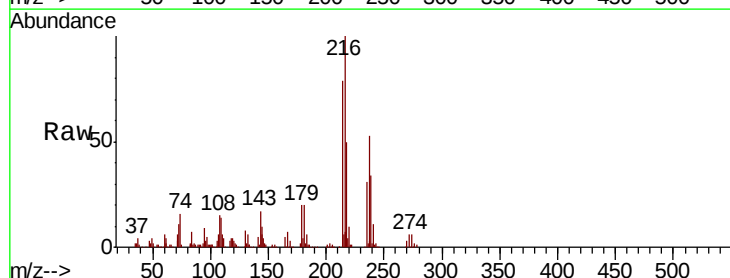
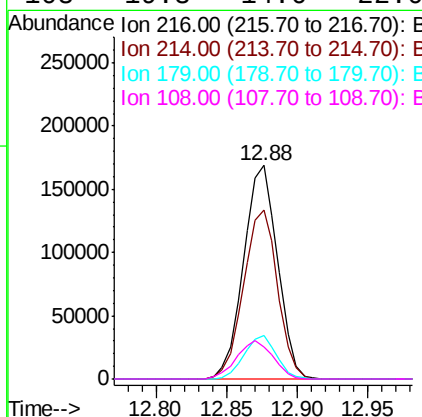
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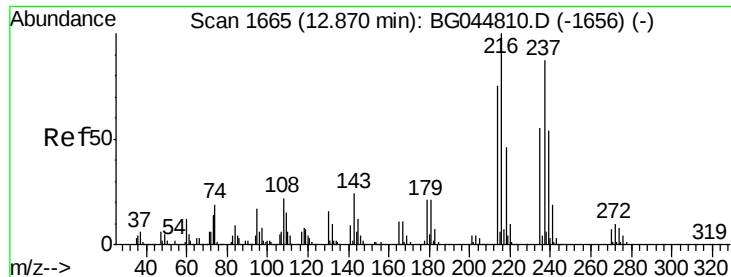
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.947 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	19.6	16.2	24.2
108	19.3	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 94.561 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

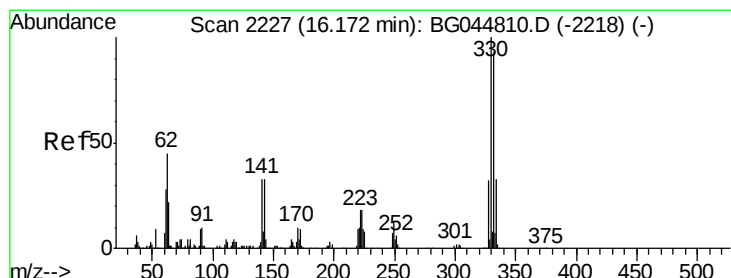
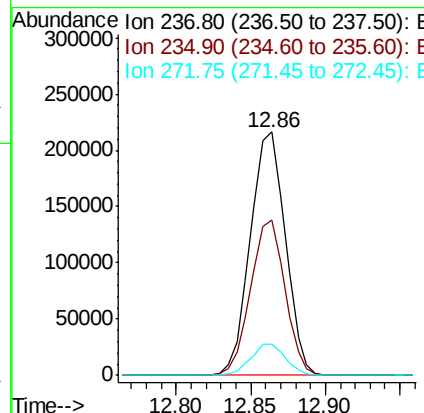
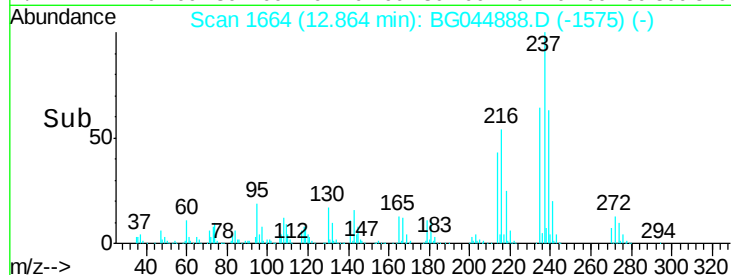
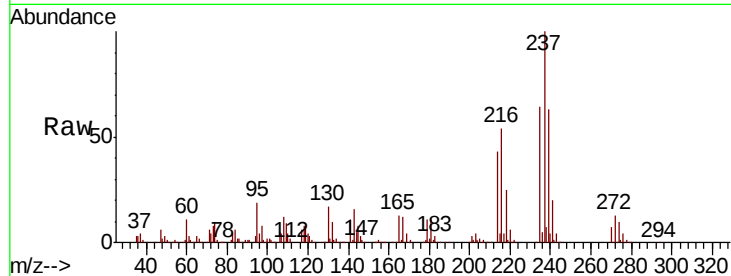
ClientSampleId :

PB127639BS

Tot Ion:	237	Resp:	349997
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.9	82.9
272	13.0	0.0	31.6

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#42

2,4,6-Tribromophenol

Concen: 140.858 ng

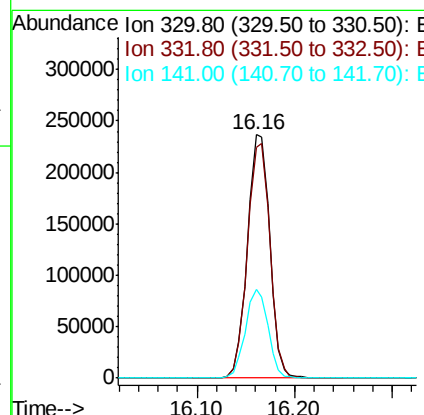
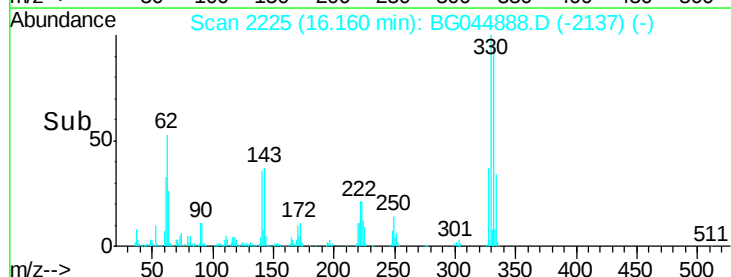
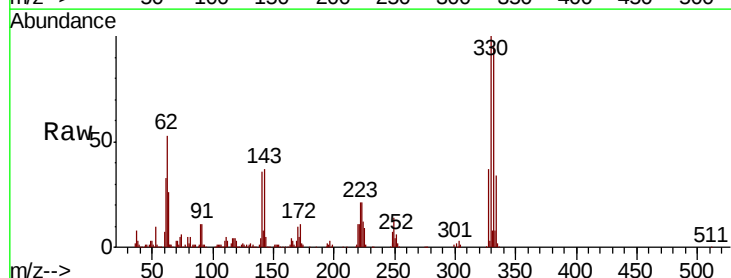
RT: 16.16 min Scan# 2225

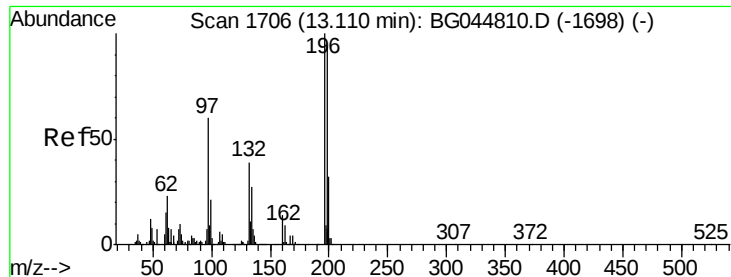
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion:	330	Resp:	379280
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.8	116.6
141	36.8	29.5	44.3





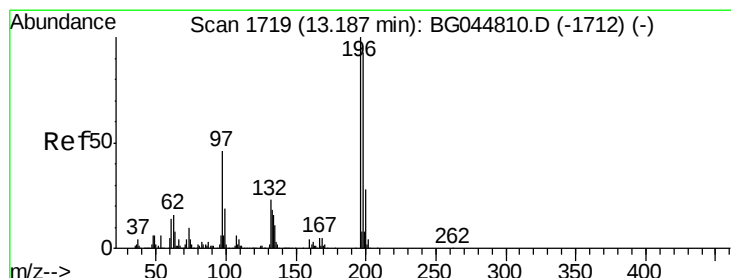
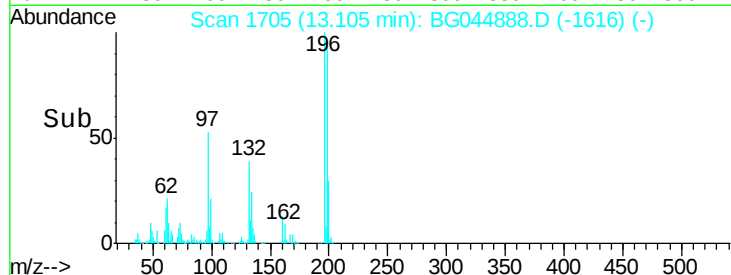
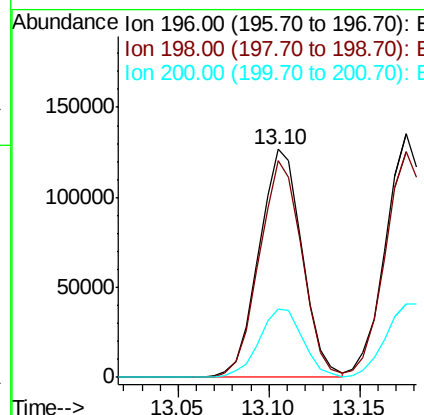
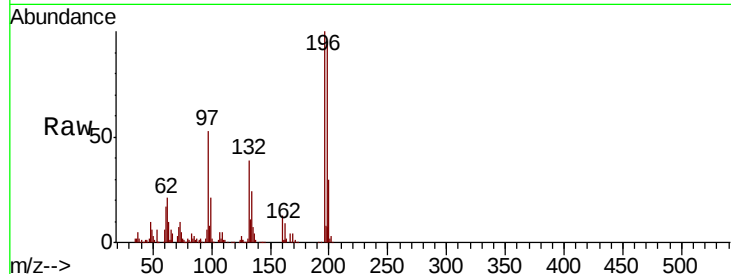
#43
 2,4,6-Trichlorophenol
 Concen: 46.492 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 PB127639BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208964		
198	95.1	74.9	112.3	
200	29.8	25.8	38.6	

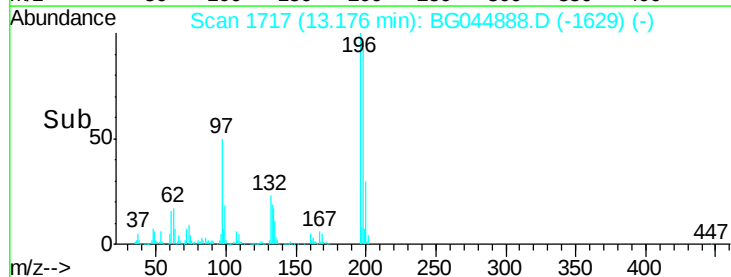
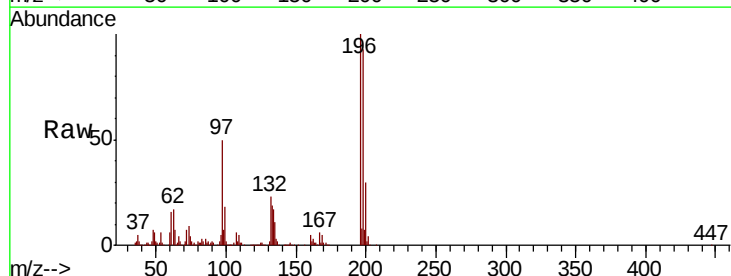
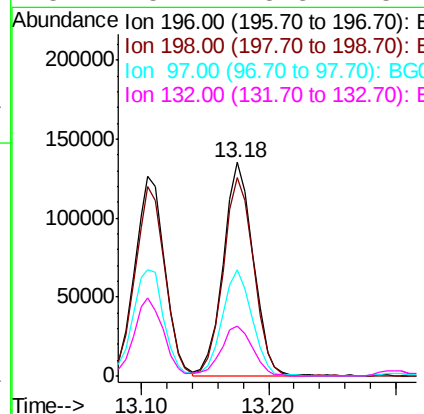
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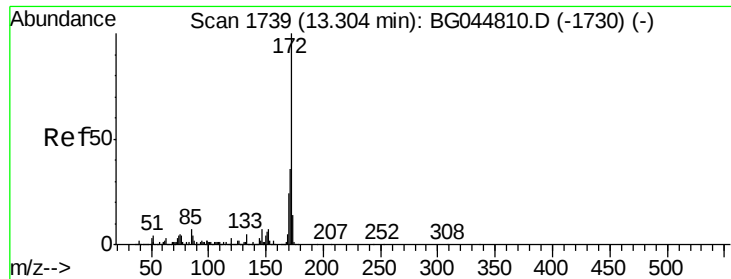
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.505 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221432		
198	92.9	74.2	111.4	
97	49.7	36.7	55.1	
132	23.2	18.8	28.2	





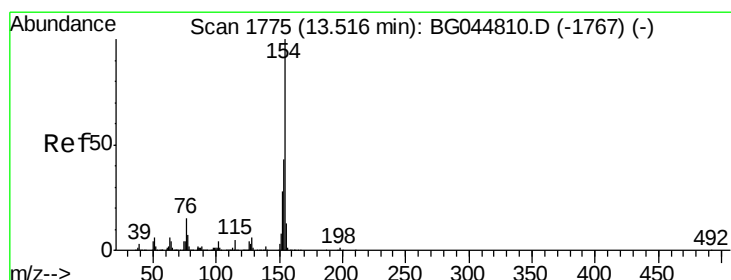
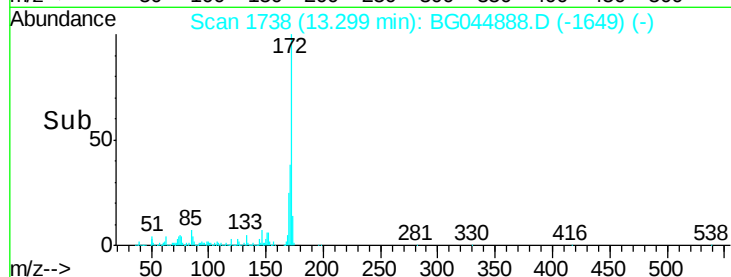
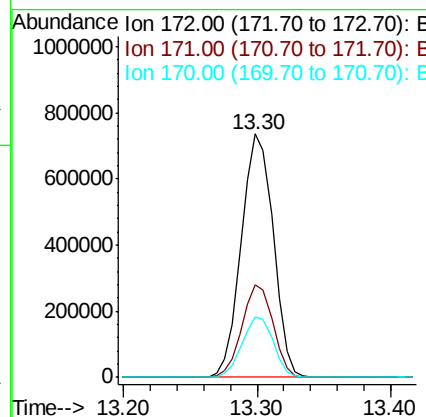
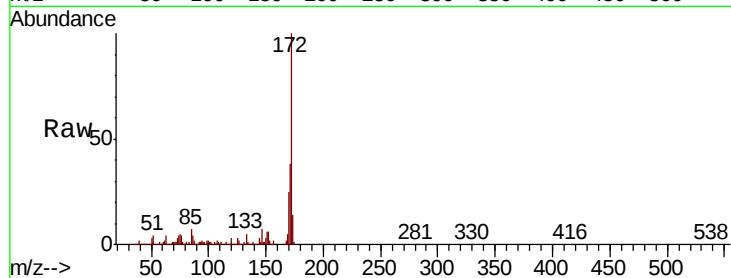
#45
2-Fluorobiphenyl
Concen: 84.700 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.7	43.1
170	24.8	19.0	28.6

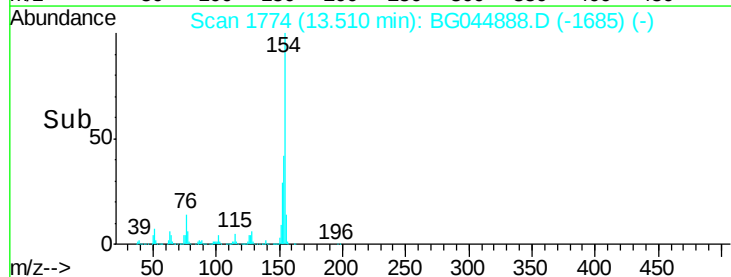
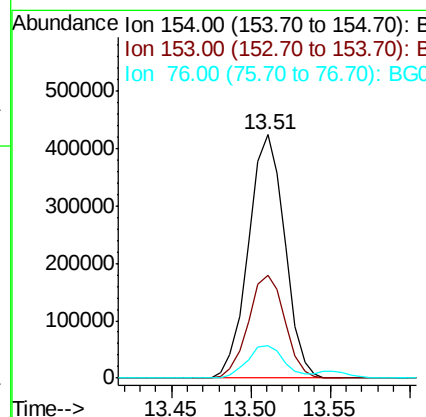
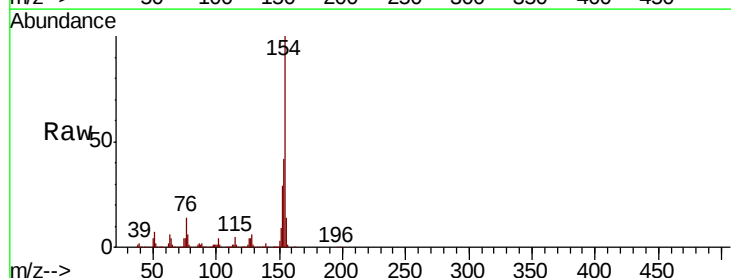
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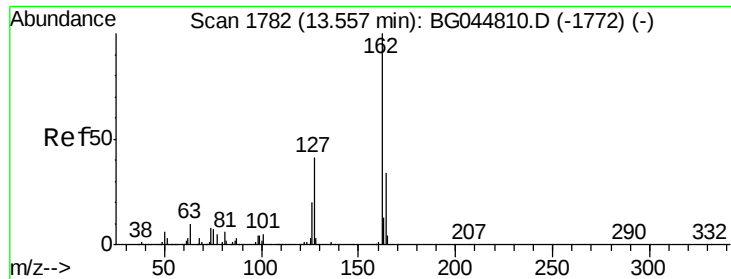
mohammad
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#46
1,1'-Biphenyl
Concen: 40.980 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.9	62.9
76	13.6	0.0	34.6





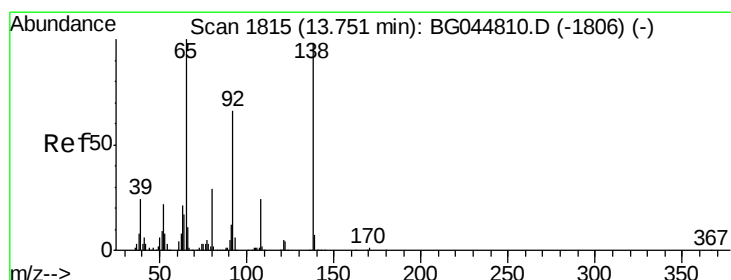
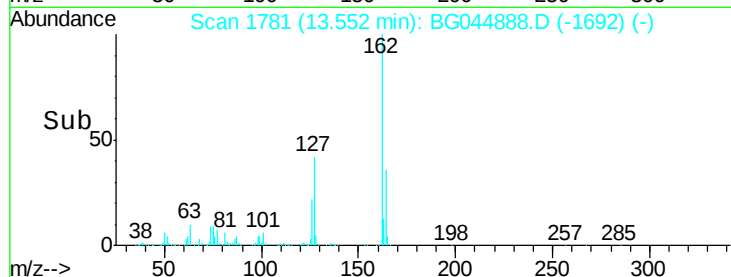
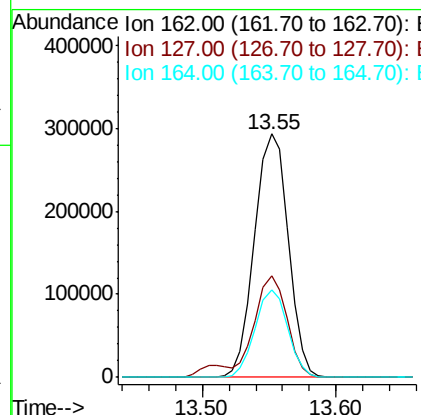
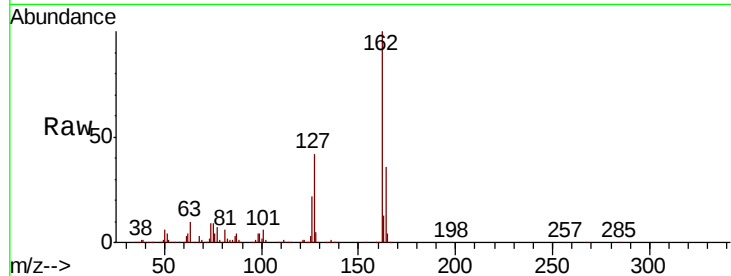
#47
2-Chloronaphthalene
Concen: 40.797 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.5	33.1	49.7
164	36.2	27.4	41.2

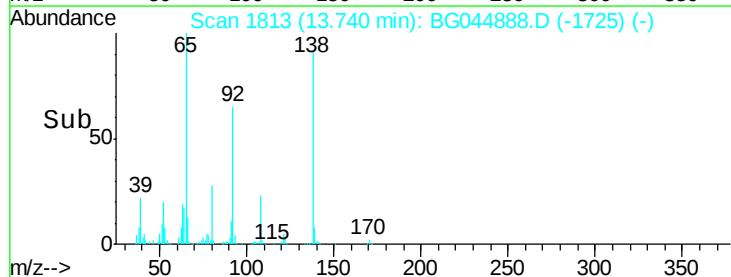
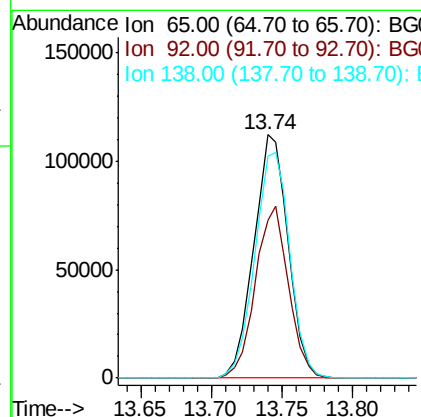
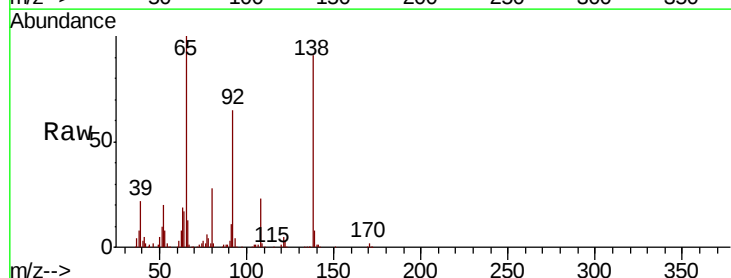
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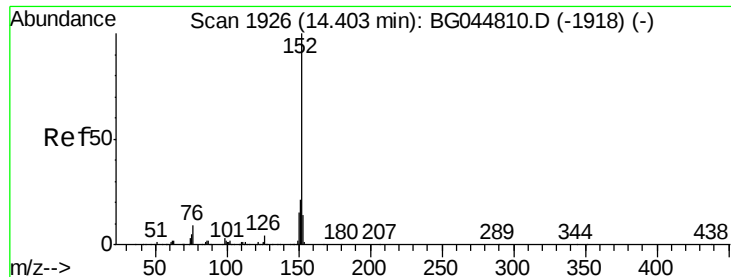
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#48
2-Nitroaniline
Concen: 43.576 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	64.9	52.6	79.0
138	91.0	78.3	117.5





#49

Acenaphthylene

Concen: 43.777 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

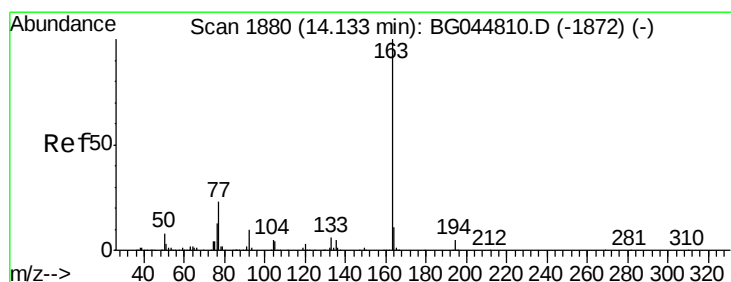
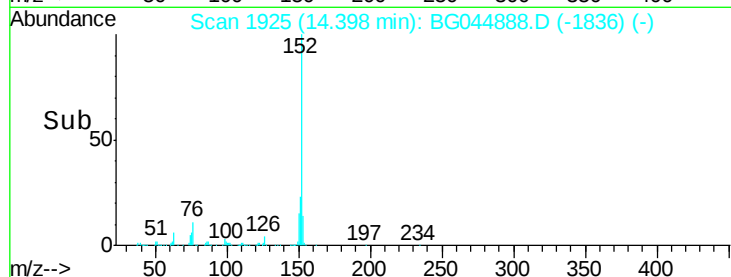
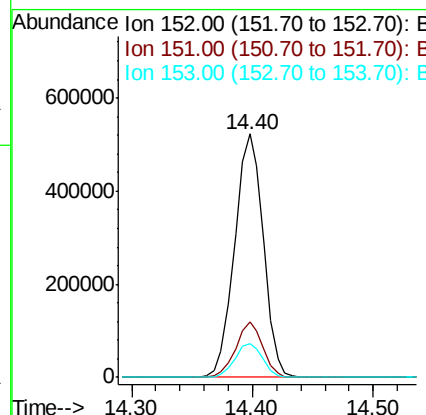
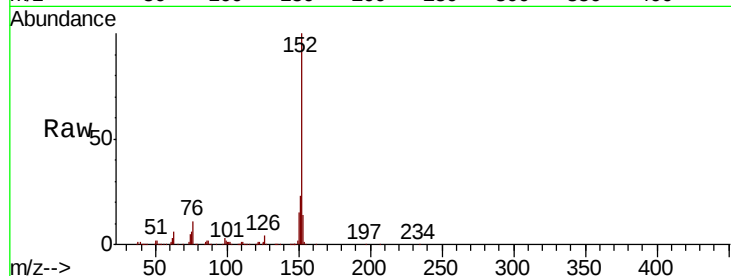
ClientSampleId :

PB127639BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	860998		
151	22.8		16.8	25.2
153	13.6		10.8	16.2

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#50

Dimethylphthalate

Concen: 49.101 ng

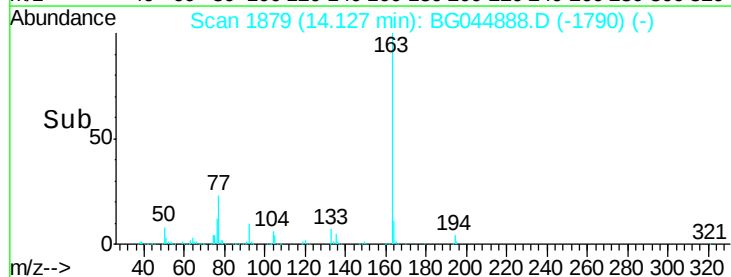
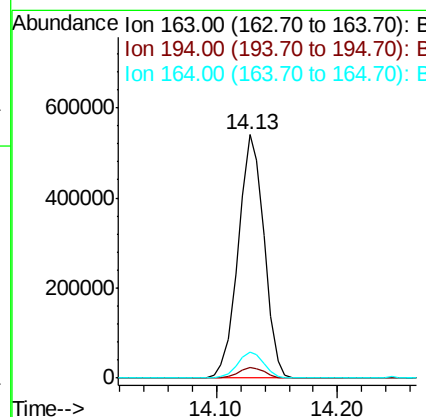
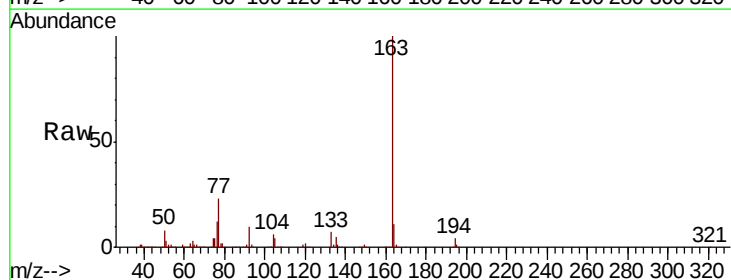
RT: 14.13 min Scan# 1879

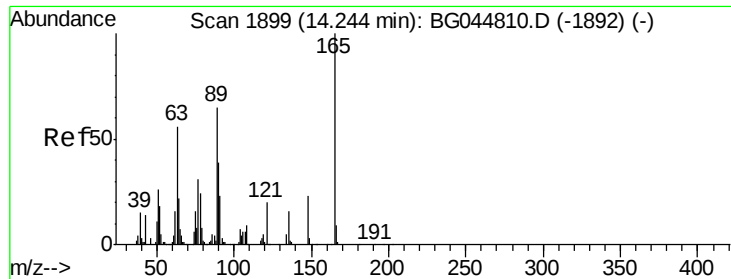
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	804217		
194	4.3		3.7	5.5
164	10.9		9.1	13.7





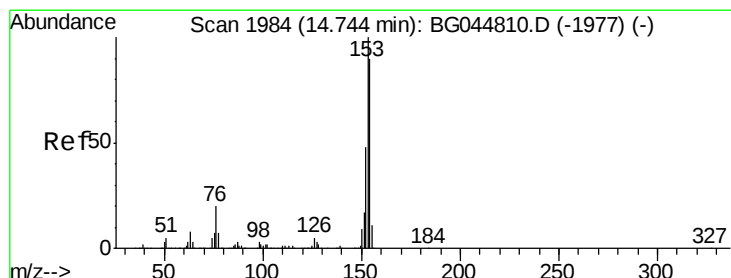
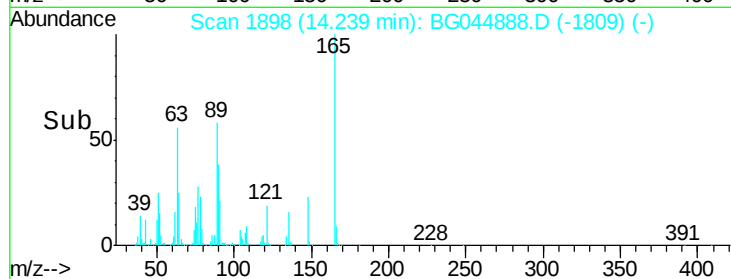
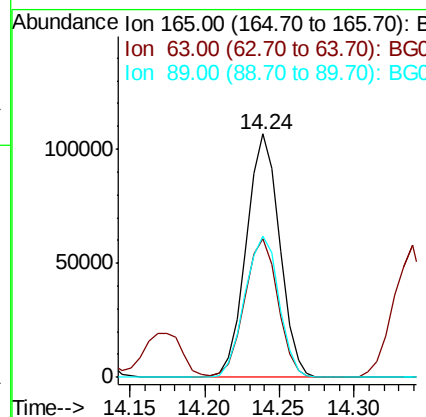
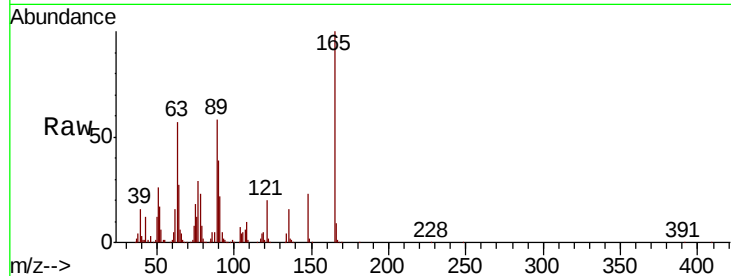
#51
 2,6-Dinitrotoluene
 Concen: 49.761 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 PB127639BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	164286		
63	56.9	45.8	68.8	
89	57.9	51.8	77.6	

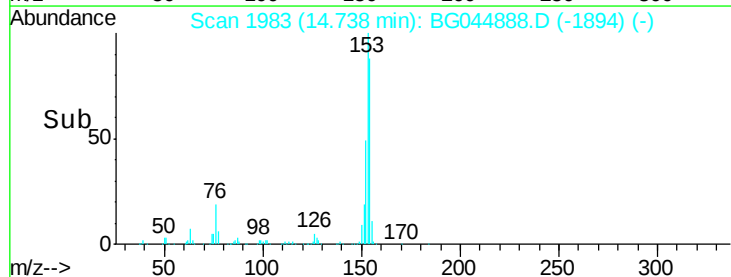
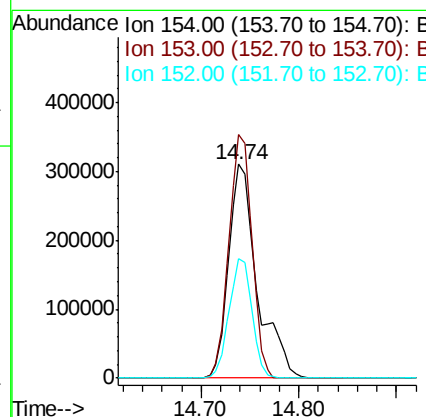
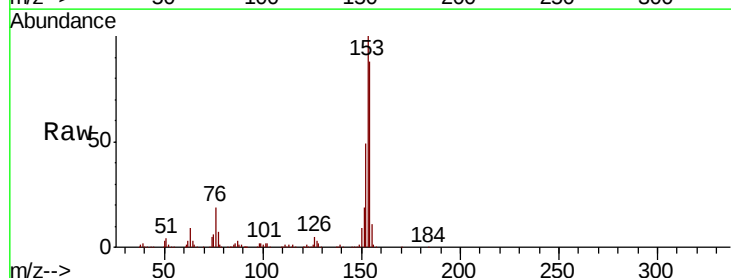
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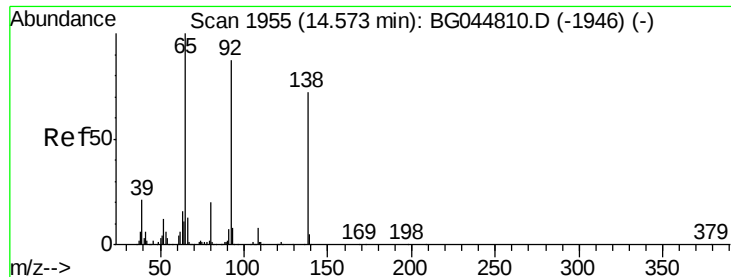
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#52
 Acenaphthene
 Concen: 49.179 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	633452		
153	113.9	89.0	133.6	
152	56.0	43.0	64.6	





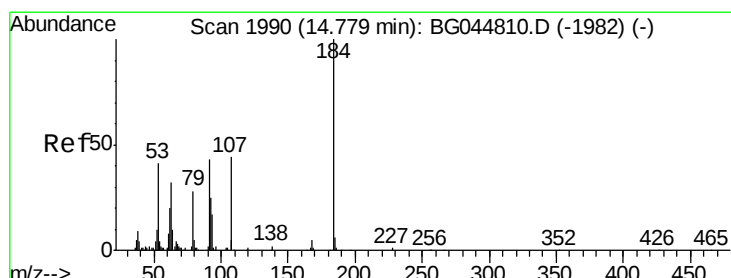
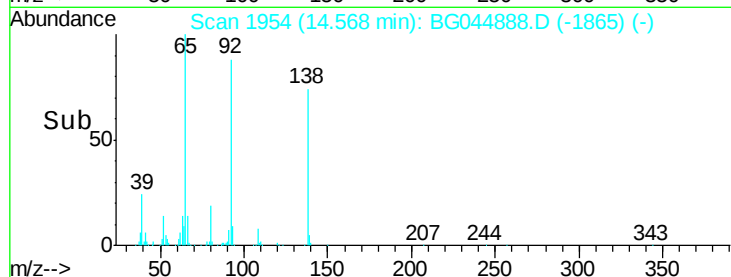
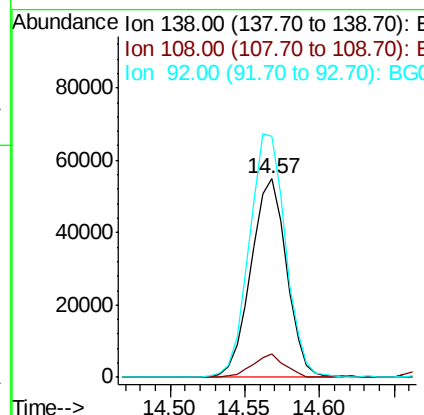
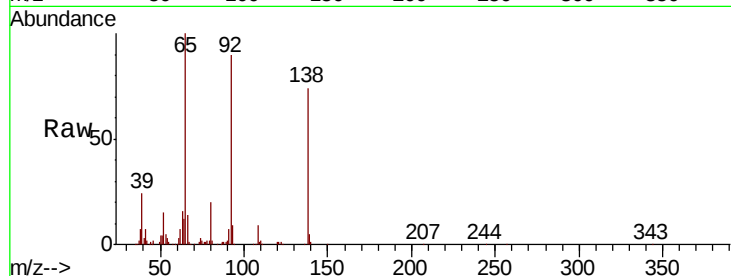
#53
3-Nitroaniline
Concen: 23.837 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.0	13.4
92	121.6	96.8	145.2

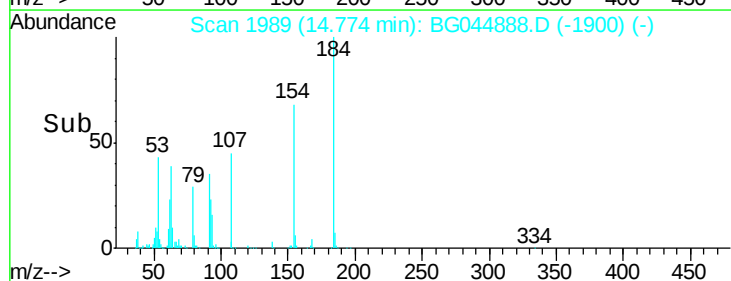
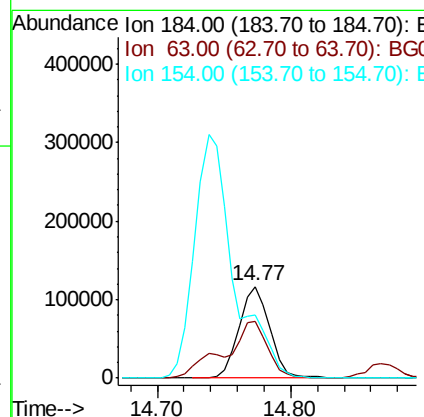
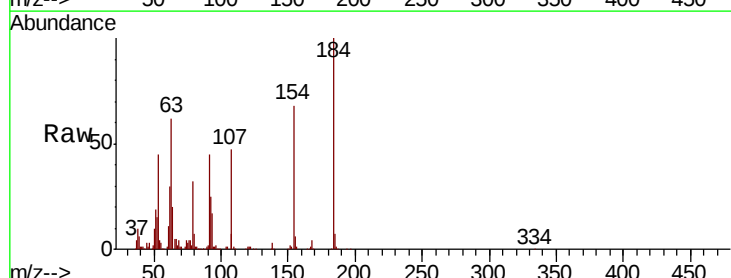
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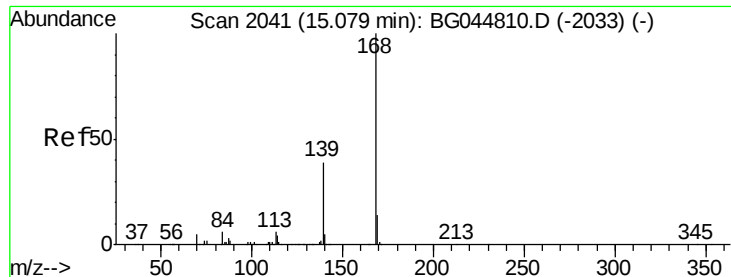
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#54
2,4-Dinitrophenol
Concen: 105.006 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.7	45.5	68.3
154	68.4	49.1	73.7





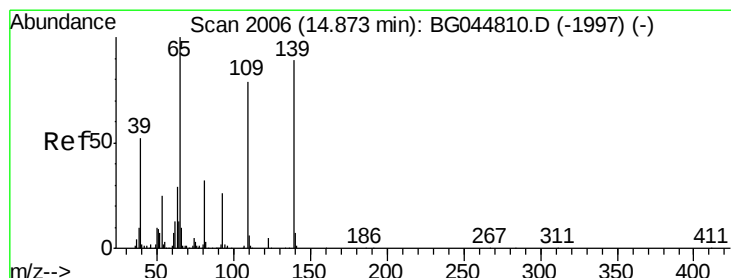
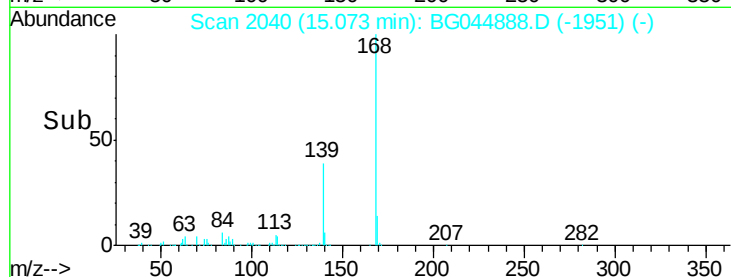
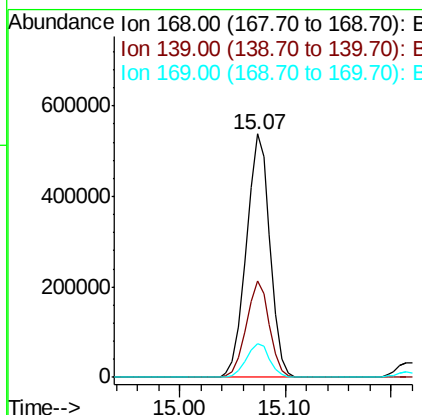
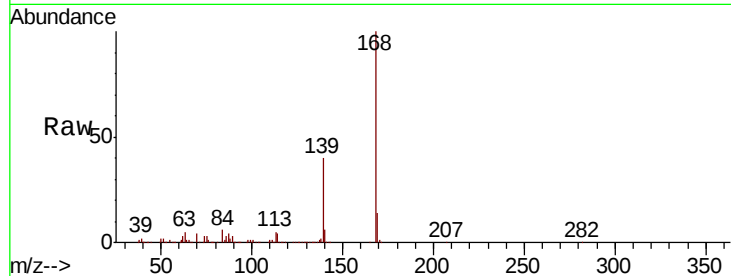
#55
Dibenzofuran
Concen: 44.627 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.6	31.4	47.0	
169	13.8	11.1	16.7	

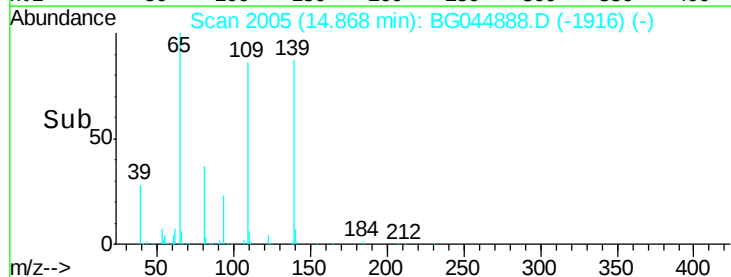
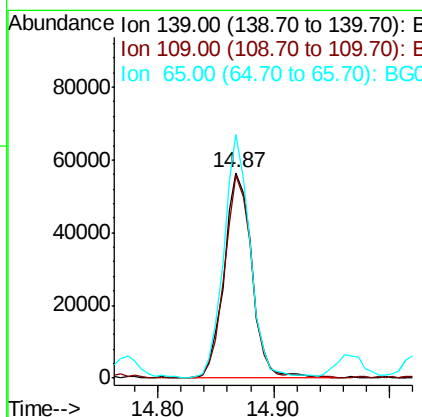
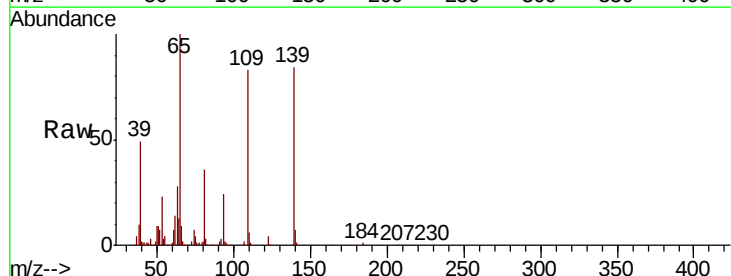
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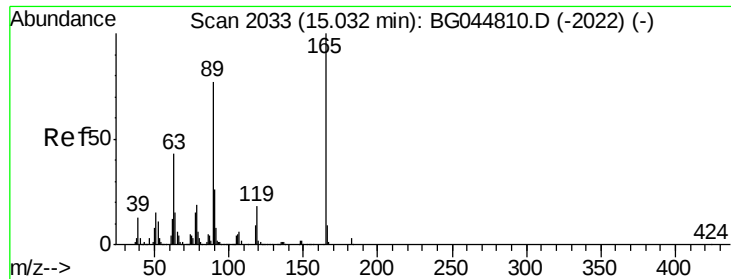
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#56
4-Nitrophenol
Concen: 32.539 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	98.3	68.8	108.8	
65	118.4	92.5	132.5	





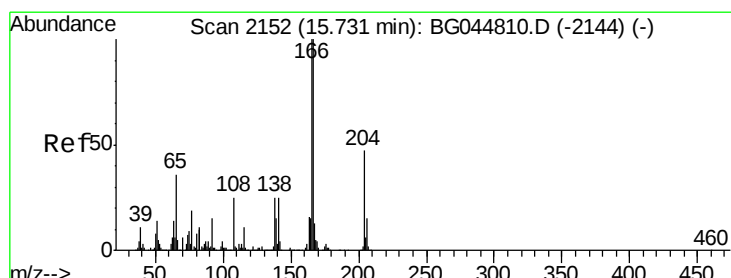
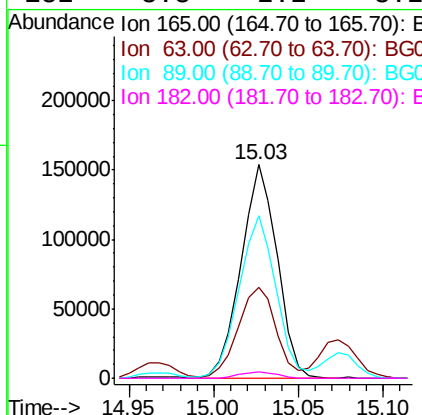
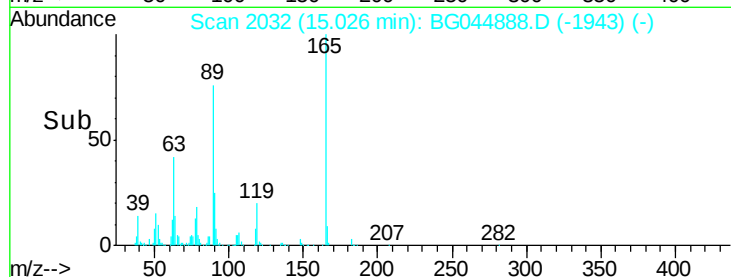
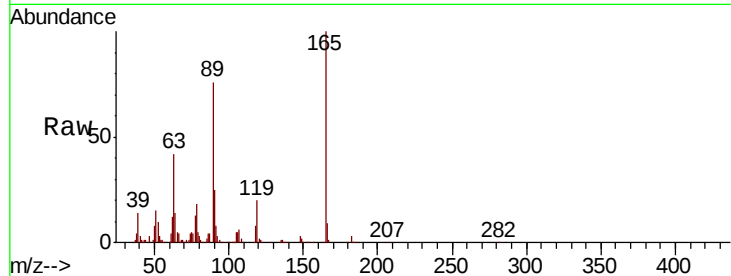
#57
2,4-Dinitrotoluene
Concen: 50.224 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		227409		
63	42.3		34.6	52.0	
89	76.3		61.3	91.9	
182	3.3		2.2	3.2#	

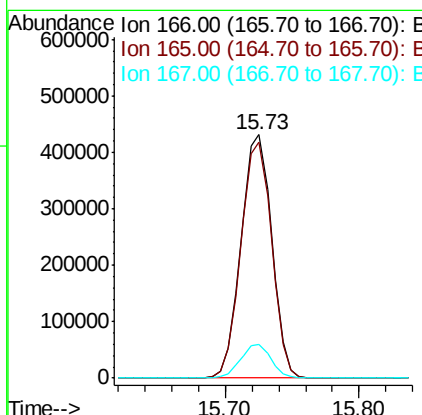
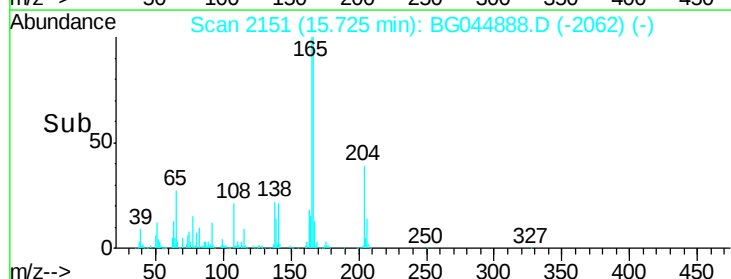
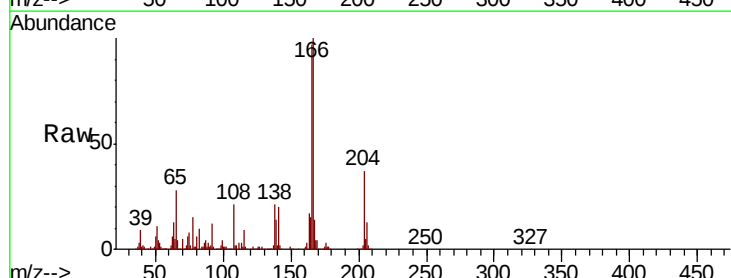
Manual Integrations
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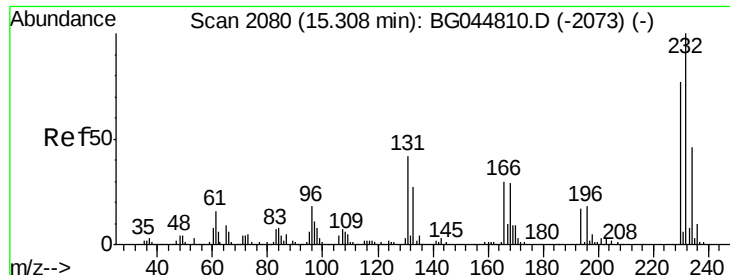
mohammad
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#58
Fluorene
Concen: 44.470 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		683292		
165	97.0		79.7	119.5	
167	14.1		10.6	16.0	





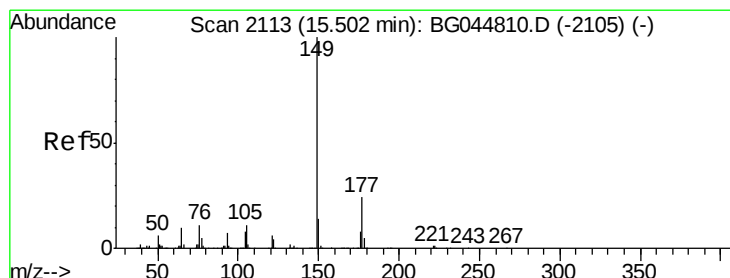
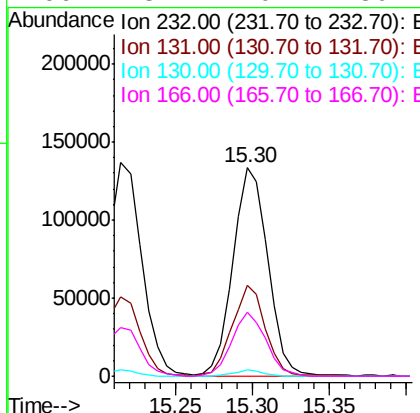
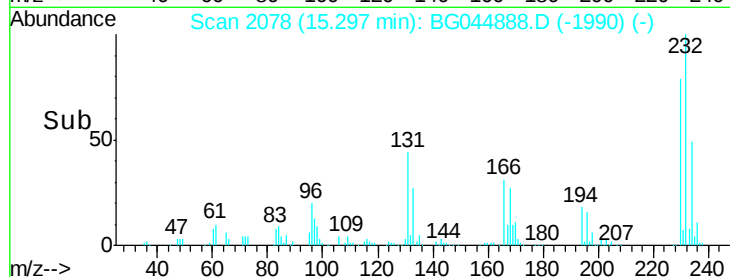
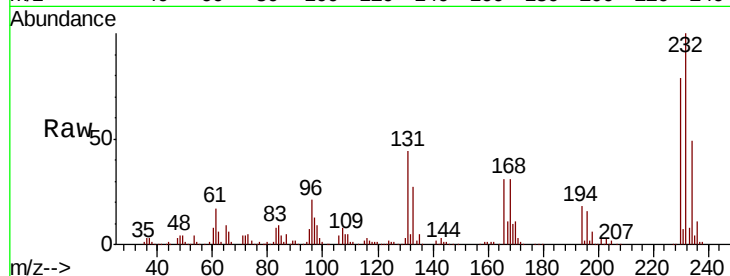
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.804 ng/ml
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Instrument :
 BNA_G
 ClientSampleID :
 PB127639BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	37.5	31.8	47.8
130	2.3	2.2	3.2
166	23.2	20.2	30.2

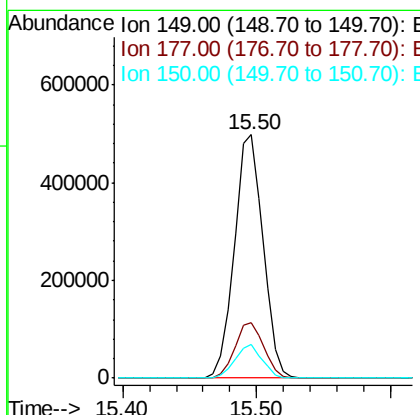
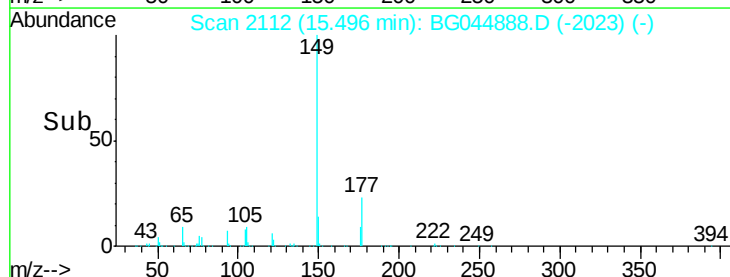
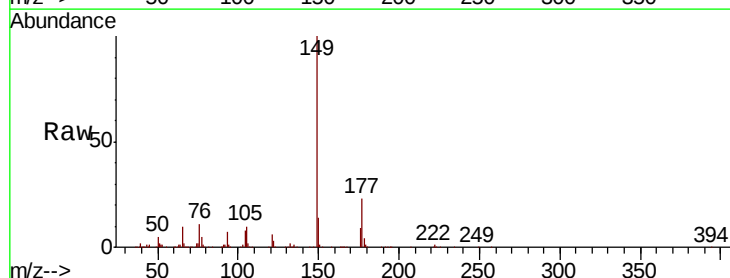
Manual Integrations
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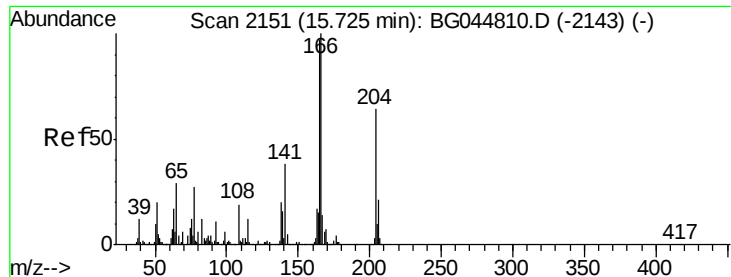
mohammad
 3/19/2020 12:35:03 PM



#60
 Diethylphthalate
 Concen: 43.360 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.7	19.3	28.9
150	13.7	11.0	16.6





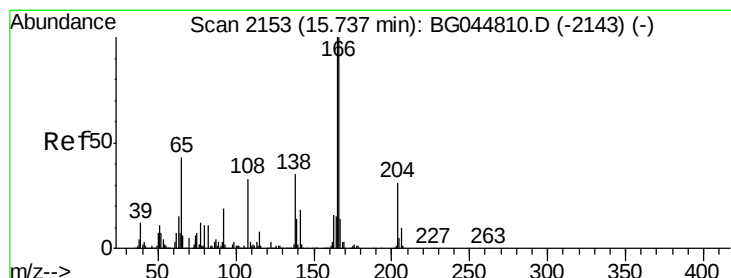
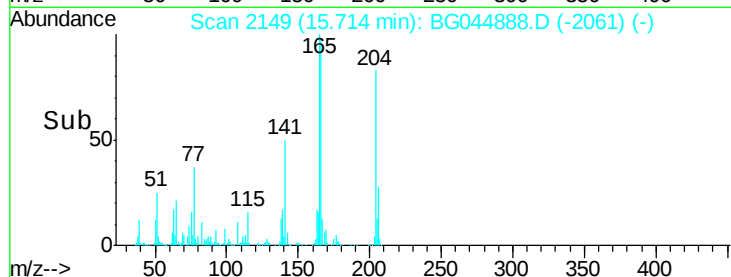
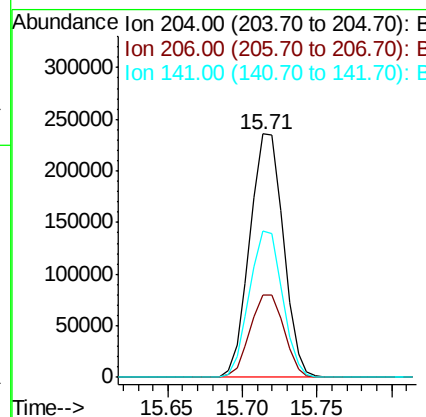
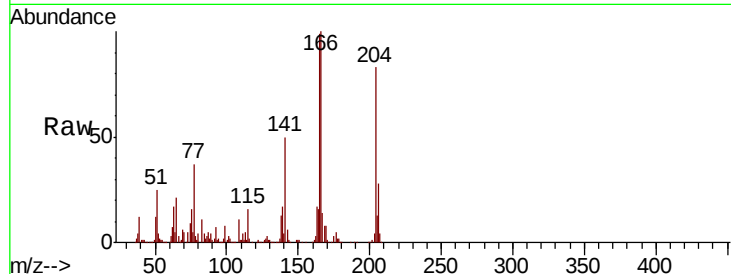
#61
4-Chlorophenyl-phenylether
Concen: 44.219 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.8	26.2	39.2	
141	60.2	47.7	71.5	

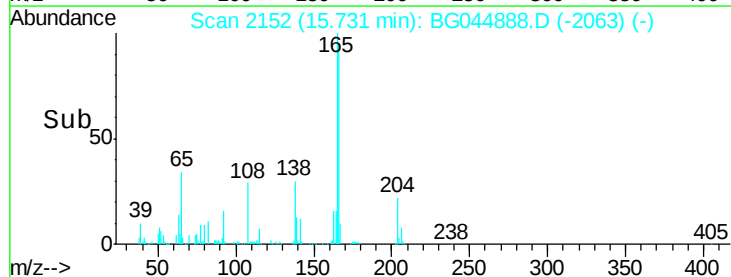
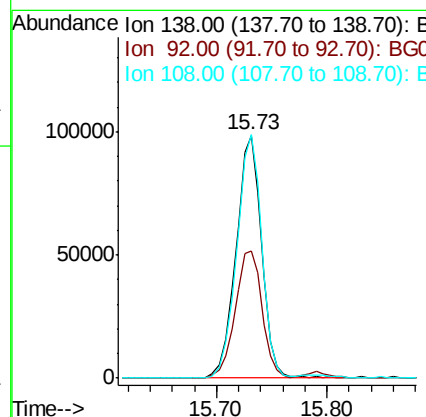
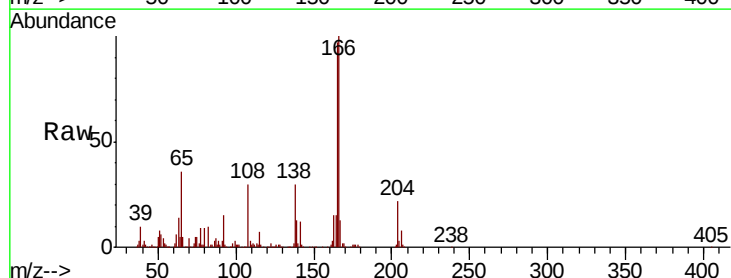
Manual Integrations
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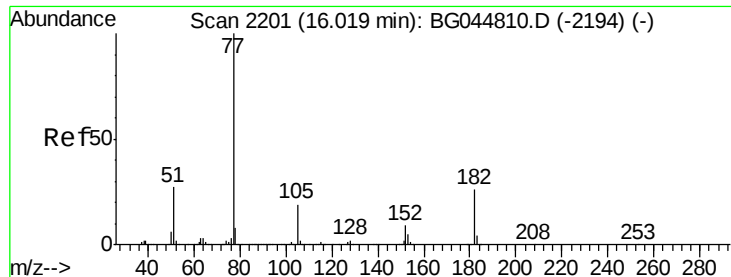
mohammad
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#62
4-Nitroaniline
Concen: 39.443 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	52.5	34.5	74.5	
108	100.4	74.5	114.5	





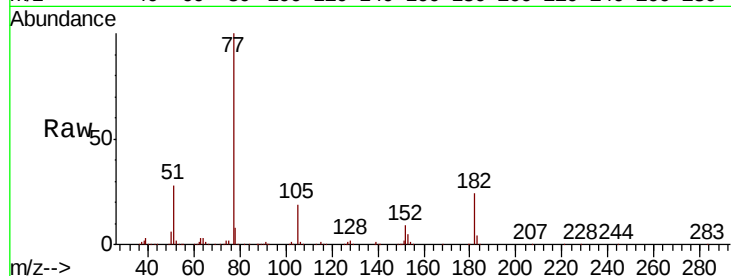
#63
Azobenzene
Concen: 41.345 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

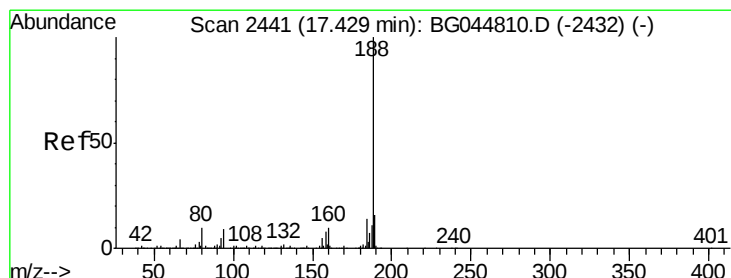
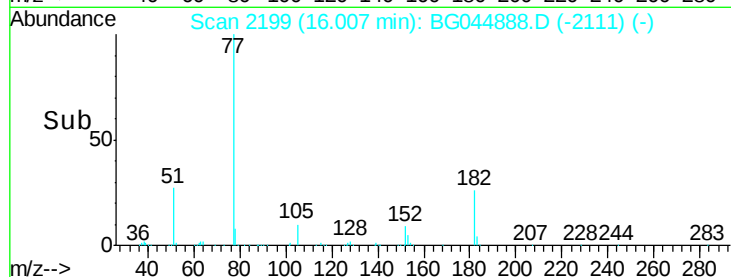
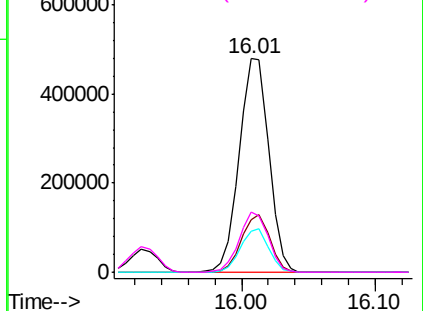
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.5	6.4	46.4
105	19.1	0.0	39.1
51	28.2	7.3	47.3

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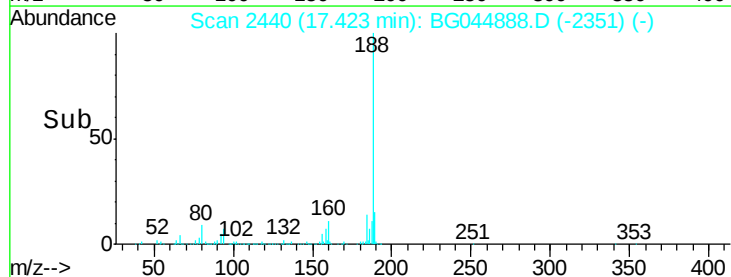
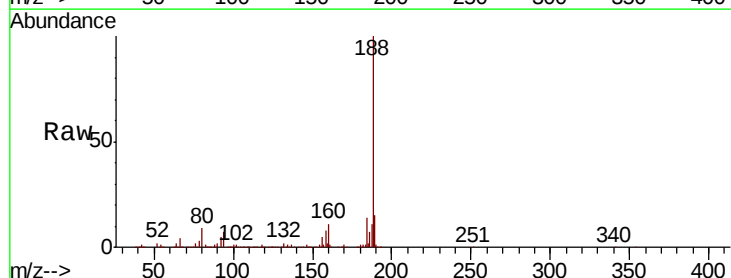
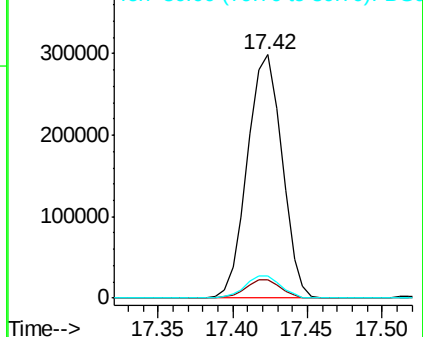
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

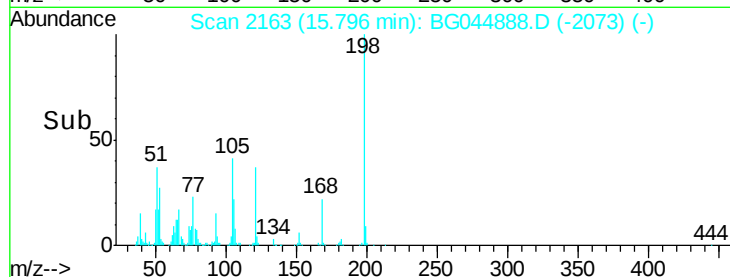
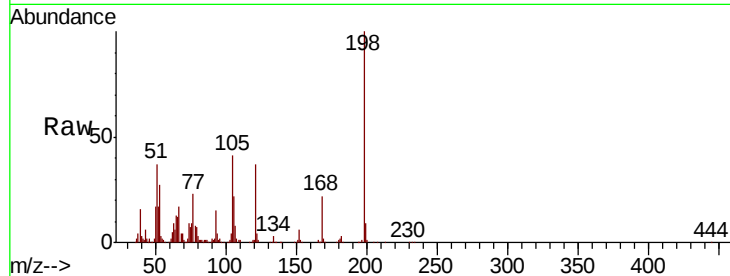
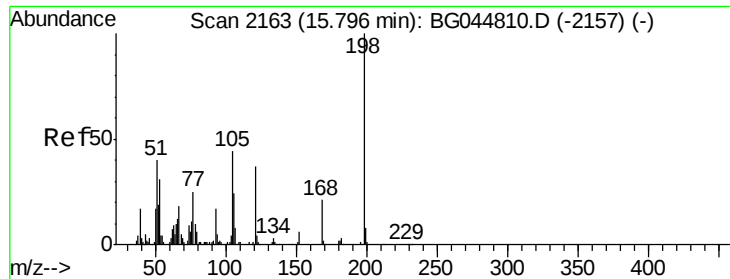


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.3	10.9
80	9.1	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





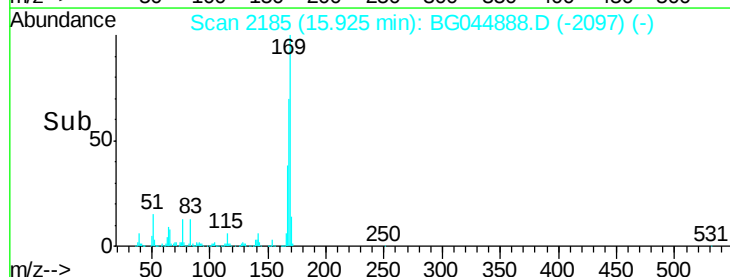
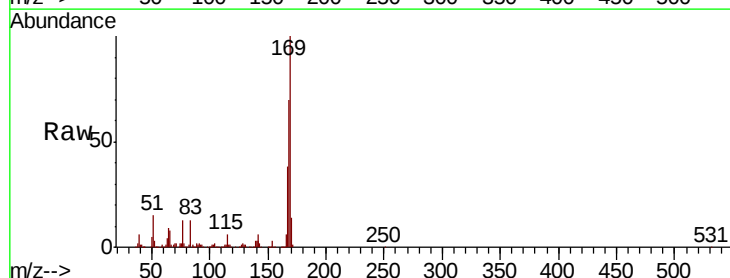
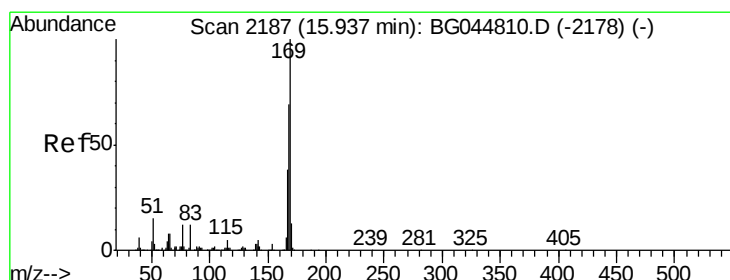
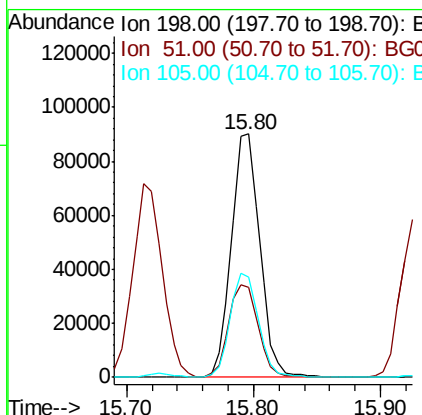
#65
4,6-Dinitro-2-methylphenol
Concen: 59.623 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	139835		
51	36.7		21.1	61.1
105	41.2		24.5	64.5

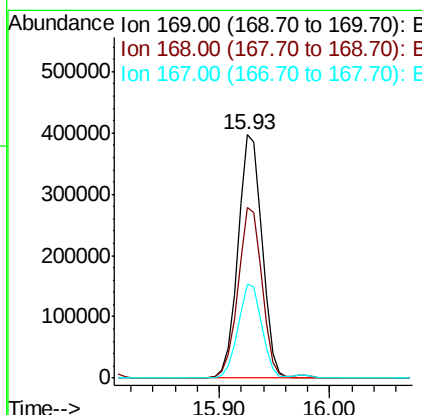
Manual Integrations
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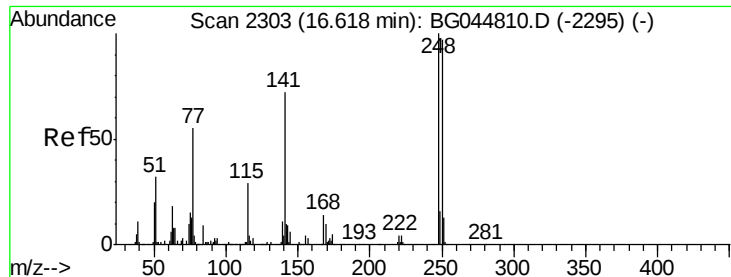
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.025 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	607845		
168	70.2		55.4	83.2
167	38.4		30.1	45.1





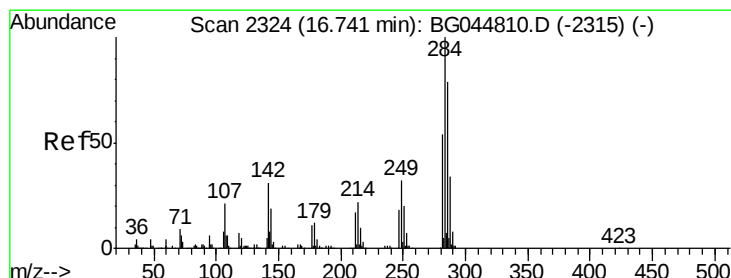
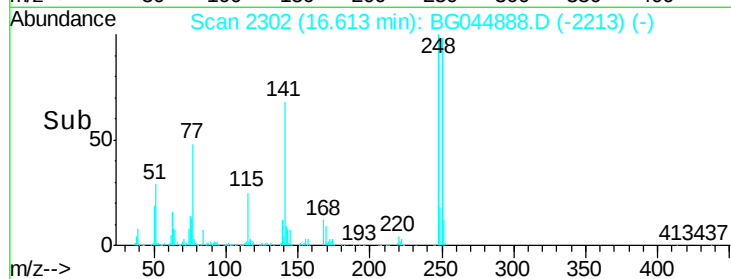
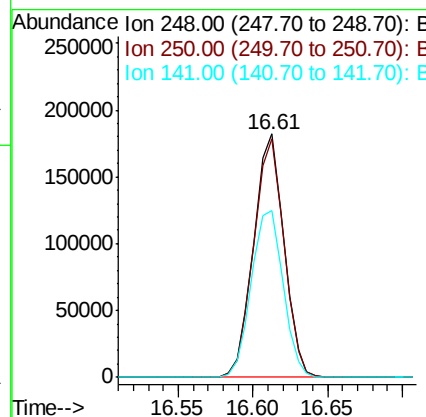
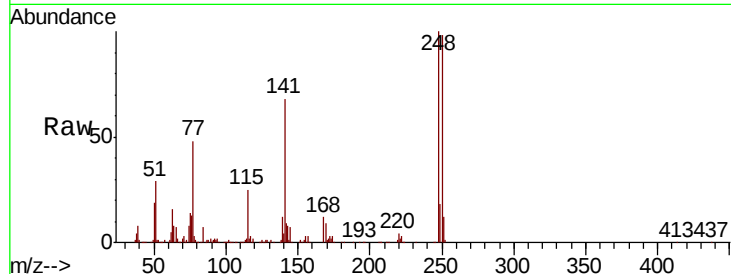
#67
4-Bromophenyl-phenylether
Concen: 42.466 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.9	116.9
141	68.4	57.5	86.3

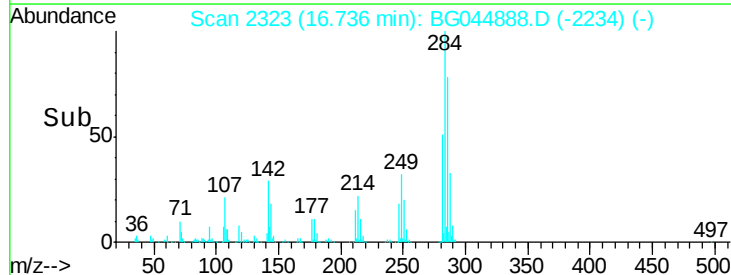
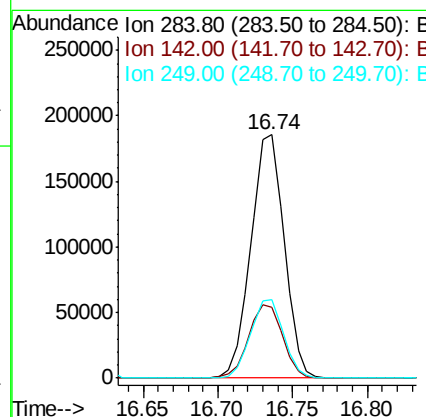
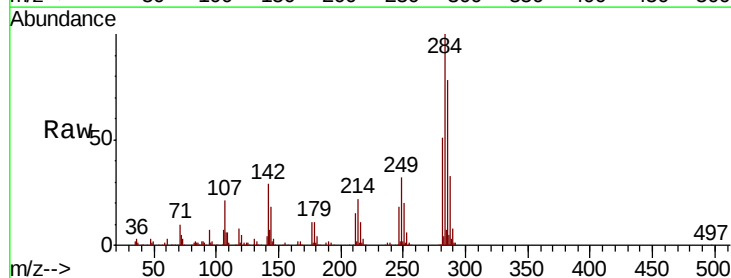
Manual Integrations
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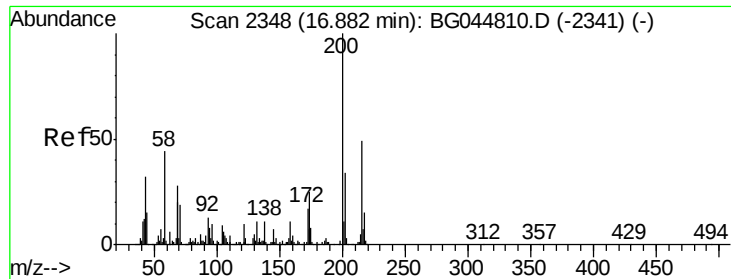
mohammad
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#68
Hexachlorobenzene
Concen: 43.809 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	25.0	37.6
249	32.3	25.8	38.8





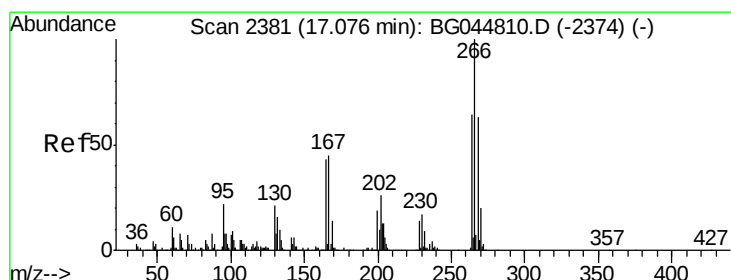
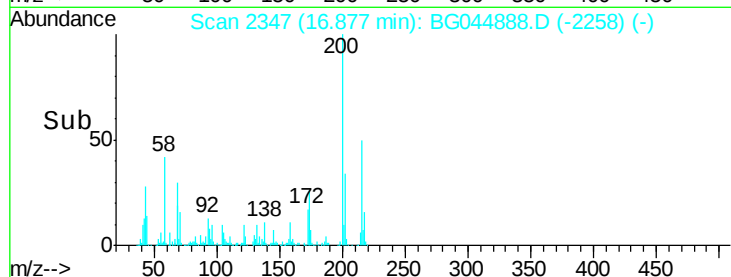
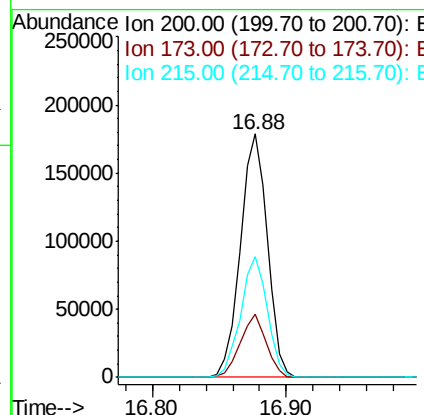
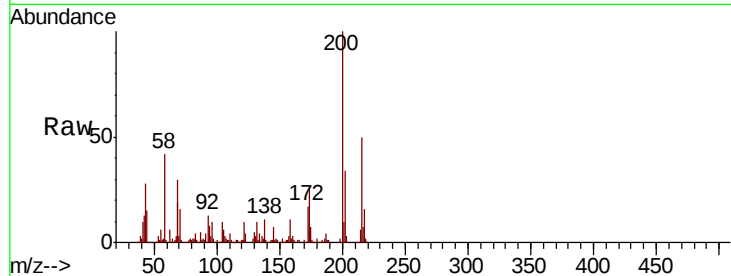
#69
Atrazine
Concen: 47.117 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.7	5.3	45.3
215	49.6	28.9	68.9

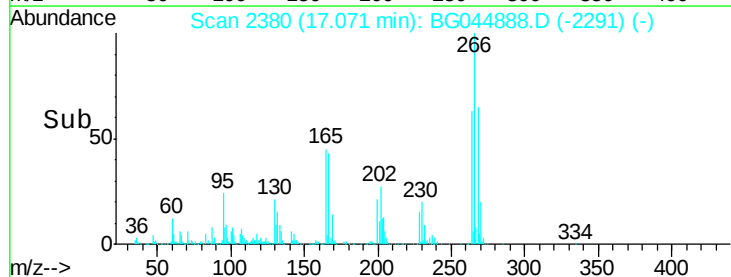
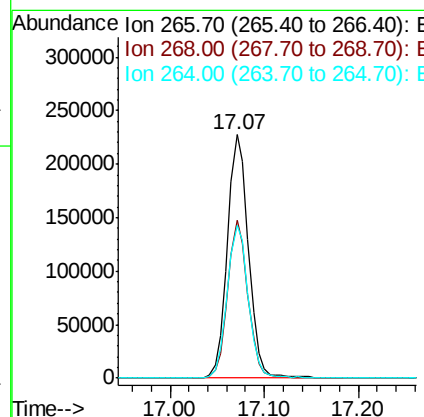
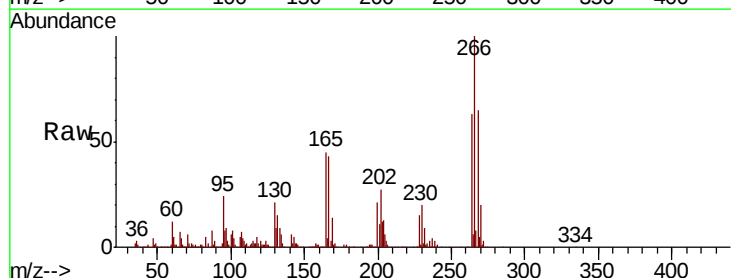
Manual Integrations
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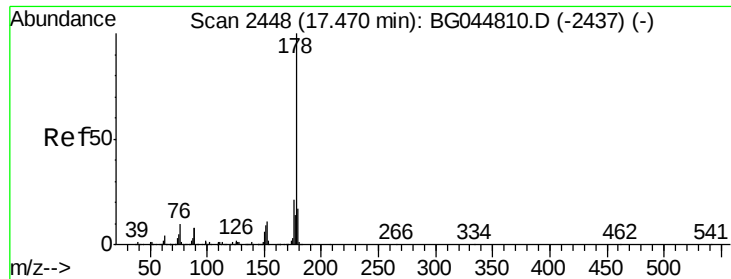
mohammad
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#70
Pentachlorophenol
Concen: 99.547 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	50.3	75.5
264	63.0	51.4	77.2





#71

Phenanthrene

Concen: 43.223 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

PB127639BS

Tot Ion:178 Resp: 1109638

Ion Ratio Lower Upper

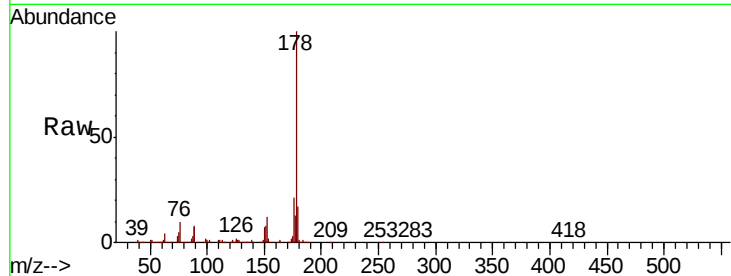
178 100

176 21.4 16.6 24.8

179 17.1 13.5 20.3

Manual Integrations
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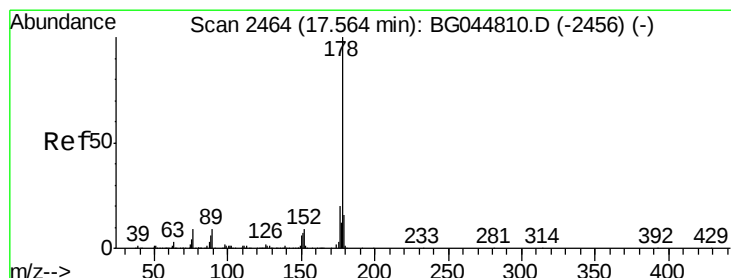
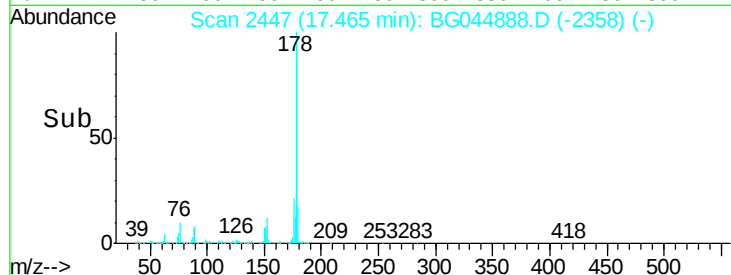
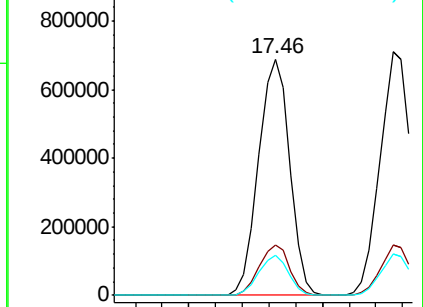
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.573 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion:178 Resp: 1128353

Ion Ratio Lower Upper

178 100

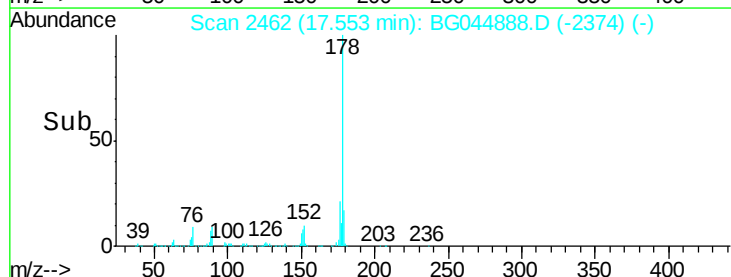
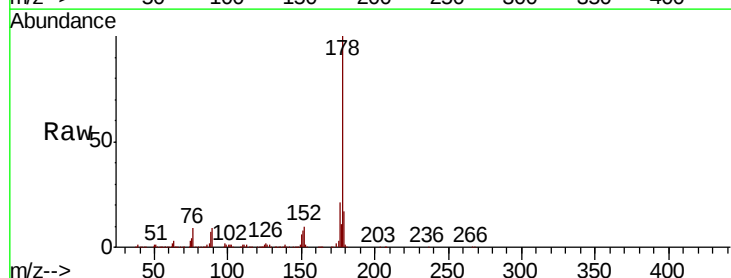
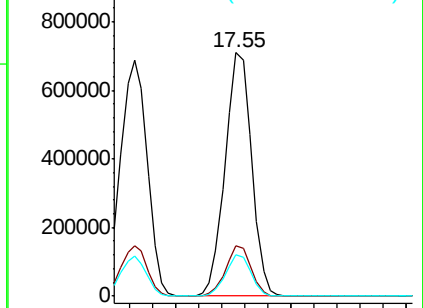
176 20.6 15.9 23.9

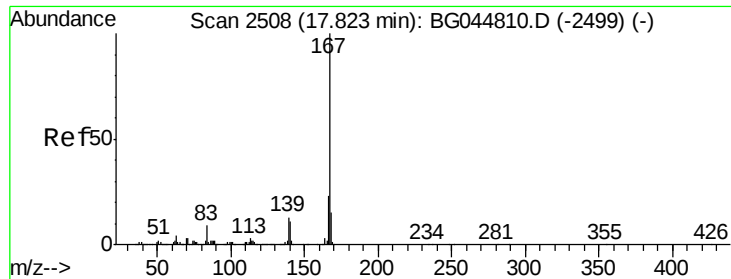
179 16.9 13.2 19.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.449 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

ClientSampleId :

PB127639BS

Tot Ion:167 Resp: 1080839

Ion Ratio Lower Upper

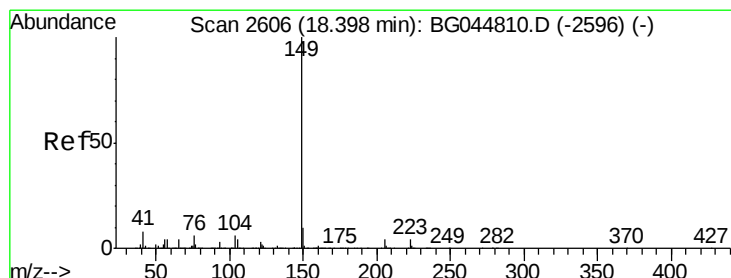
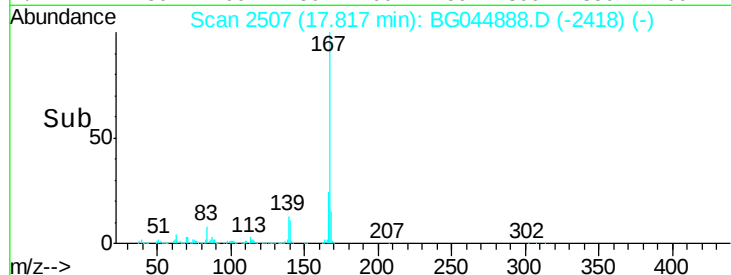
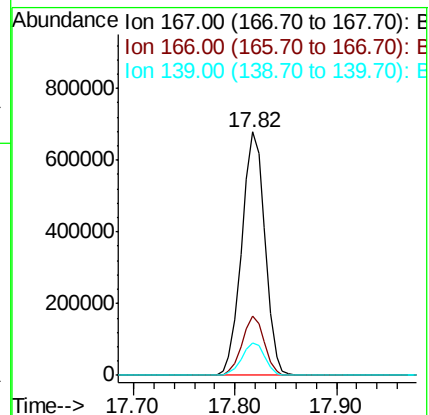
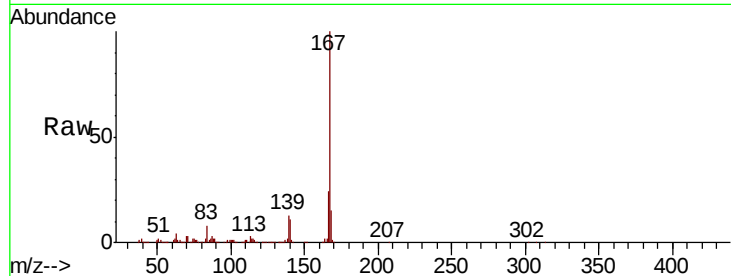
167 100

166 24.4 18.8 28.2

139 13.1 10.8 16.2

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#74

Di-n-butylphthalate

Concen: 43.479 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

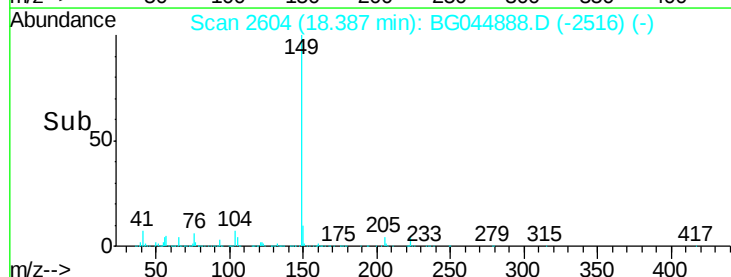
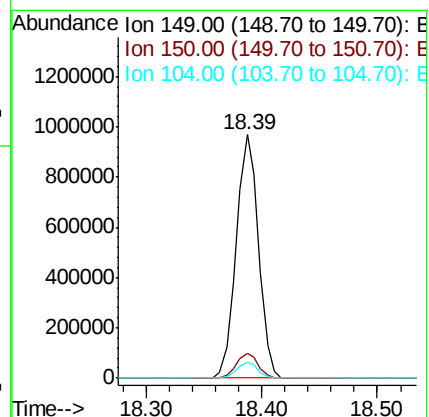
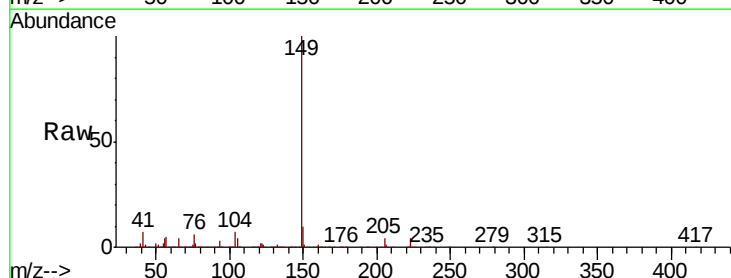
Tgt Ion:149 Resp: 1285204

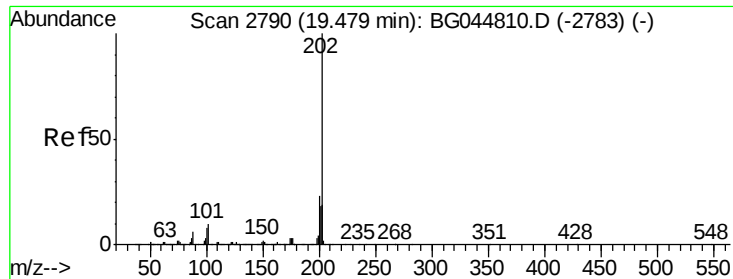
Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

104 6.5 5.0 7.4





#75

Fluoranthene

Concen: 46.196 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

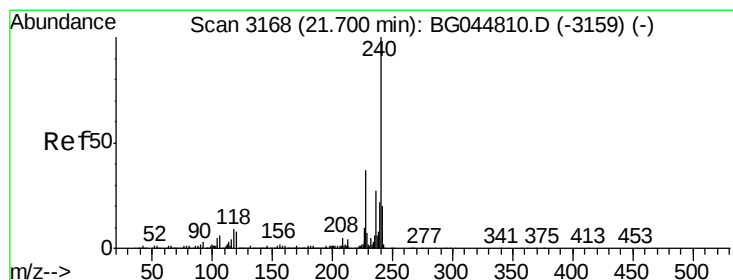
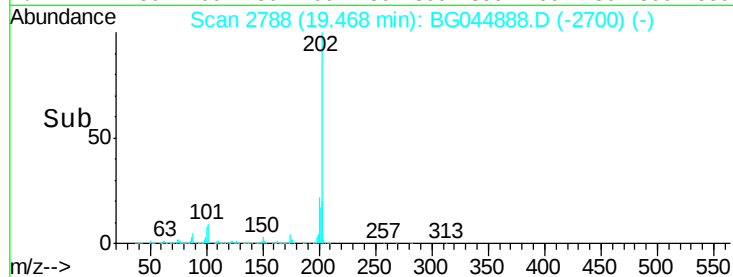
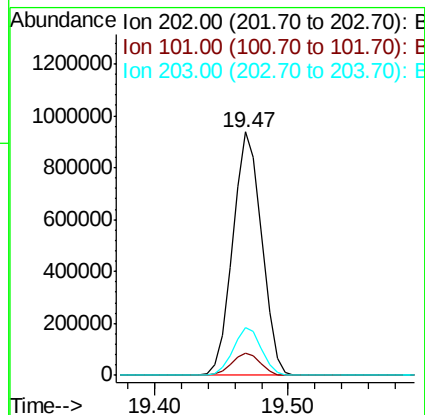
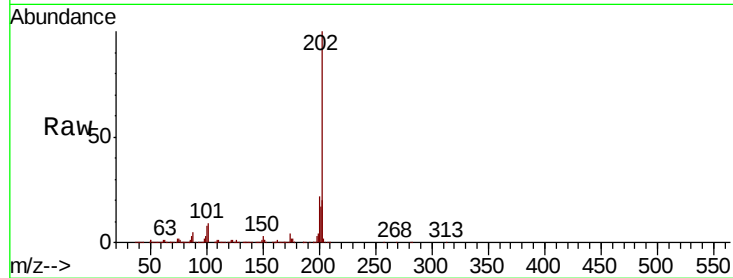
ClientSampleId :

PB127639BS

Tot Ion:	202	Resp:	1412104
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	29.8
203	19.6	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

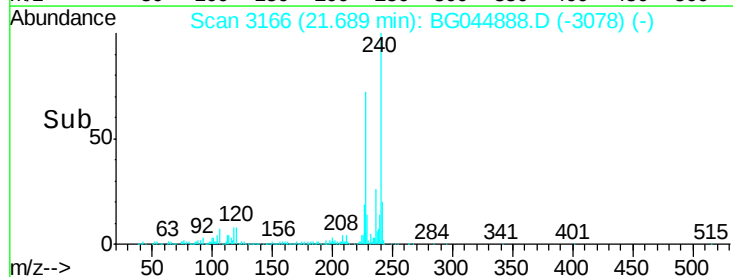
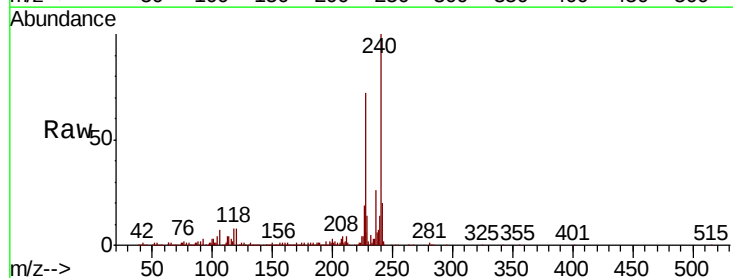
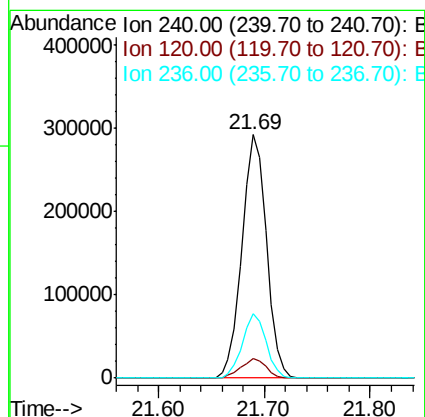
RT: 21.69 min Scan# 3166

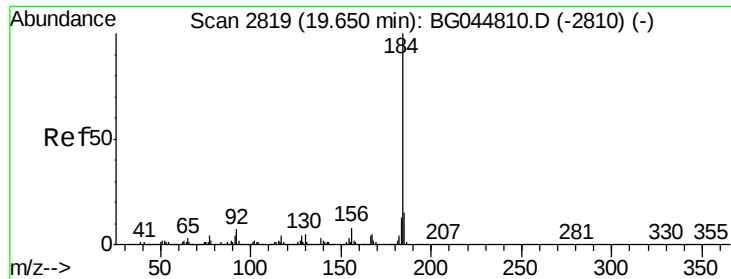
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion:	240	Resp:	469078
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.7	10.1
236	26.3	21.5	32.3





#77

Benzidine

Concen: 41.978 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

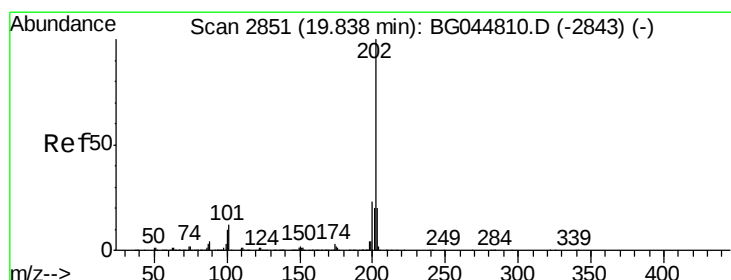
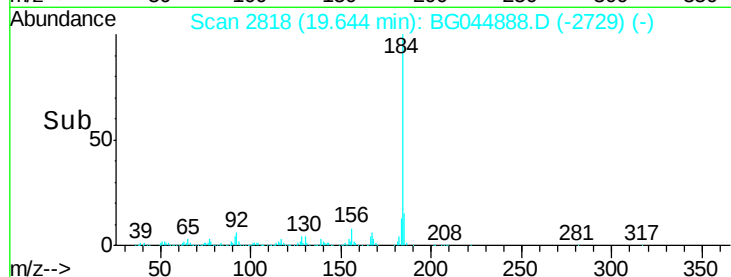
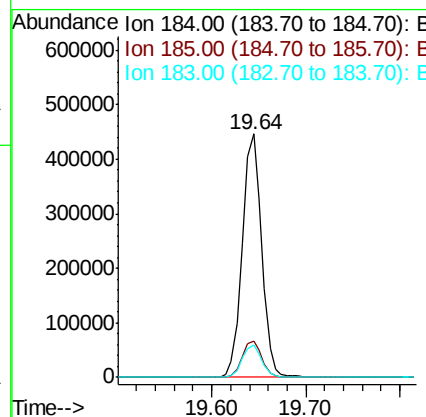
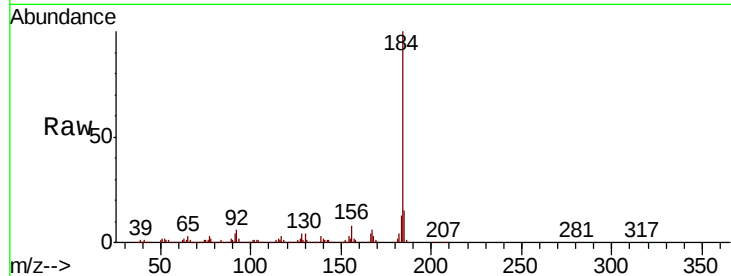
ClientSampleId :

PB127639BS

Tot Ion:	184	Resp:	639243
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.4
183	13.2	10.7	16.1

Manual Integrations
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#78

Pyrene

Concen: 40.681 ng

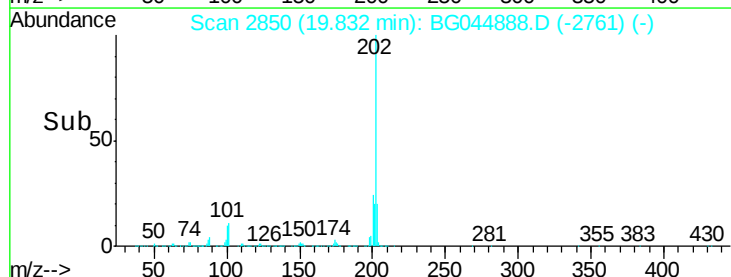
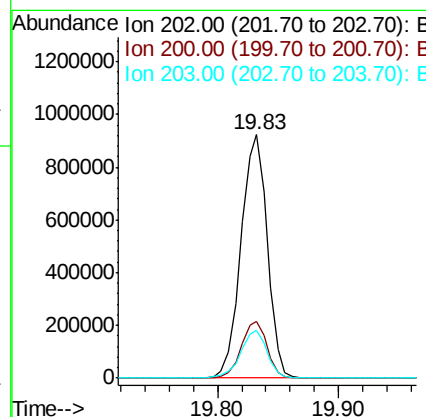
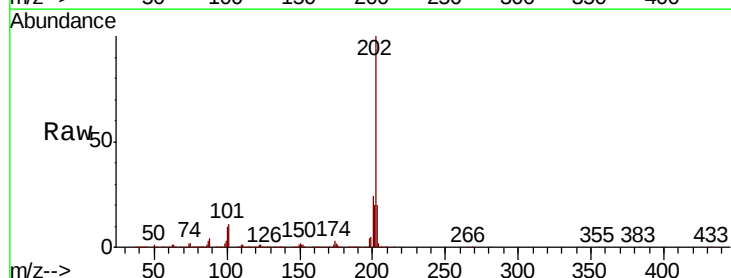
RT: 19.83 min Scan# 2850

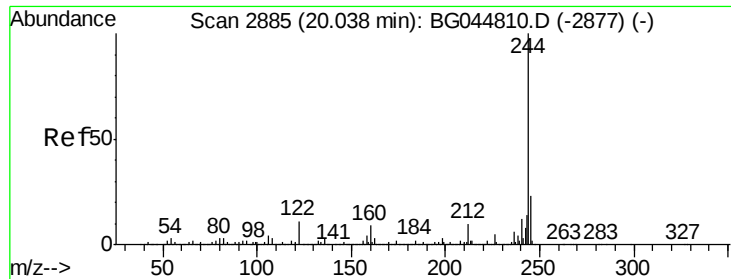
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion:	202	Resp:	1400031
Ion Ratio	Lower	Upper	
202	100		
200	23.5	18.3	27.5
203	19.6	15.6	23.4





#79

Terphenyl-d14

Concen: 78.873 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

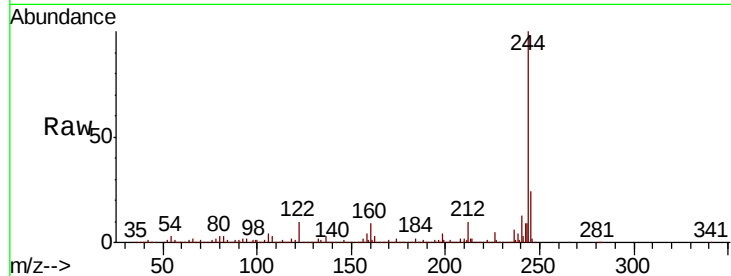
ClientSampleId :

PB127639BS

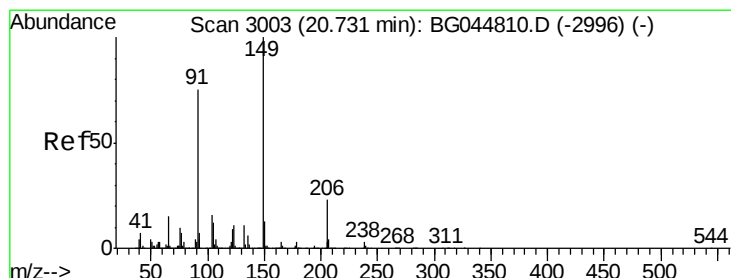
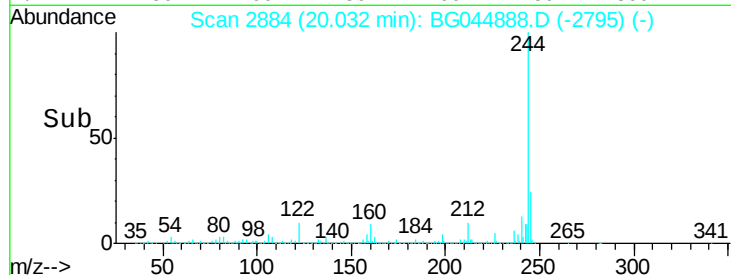
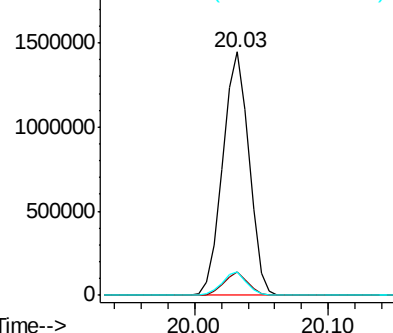
Tot Ion:	244	Resp:	1977911
Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.7	11.5
122	9.6	8.6	12.8

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Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.452 ng

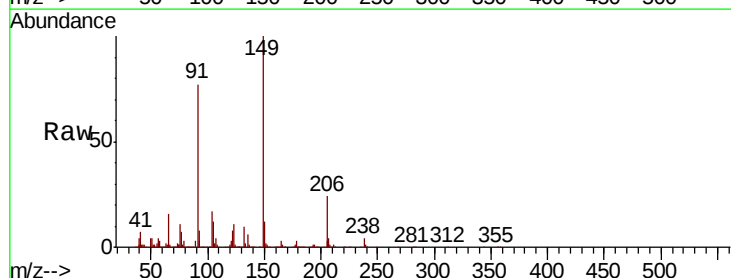
RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

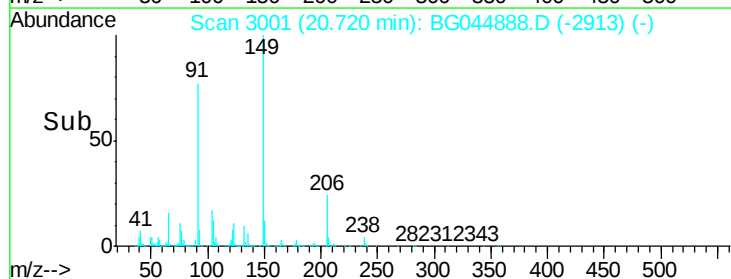
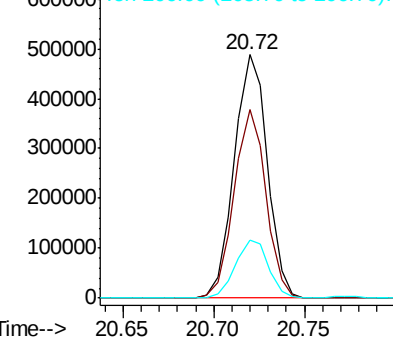
Lab File: BG044888.D

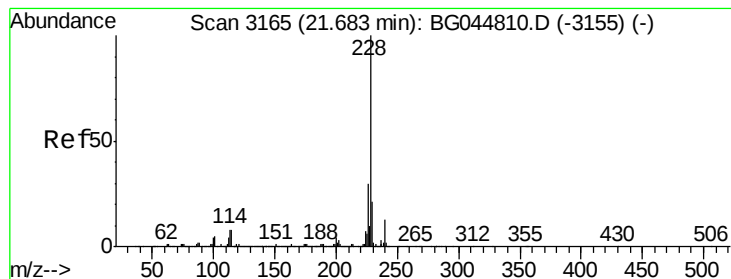
Acq: 19 Mar 2020 8:23

Tgt Ion:	149	Resp:	619337
Ion	Ratio	Lower	Upper
149	100		
91	77.2	60.2	90.4
206	24.1	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





#81

Benzo(a)anthracene

Concen: 41.520 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

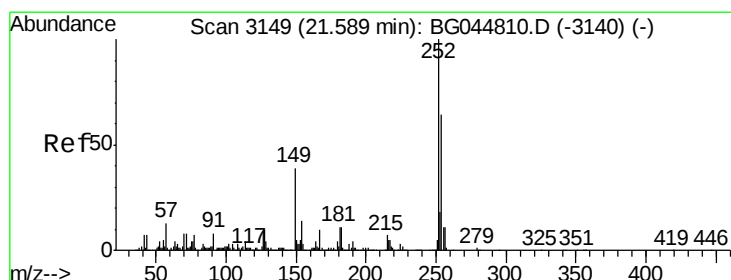
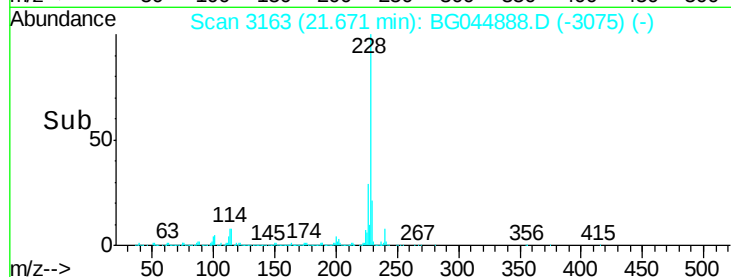
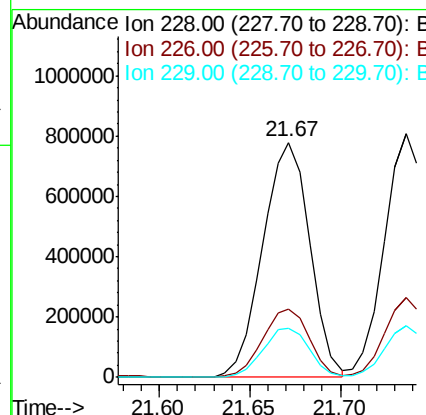
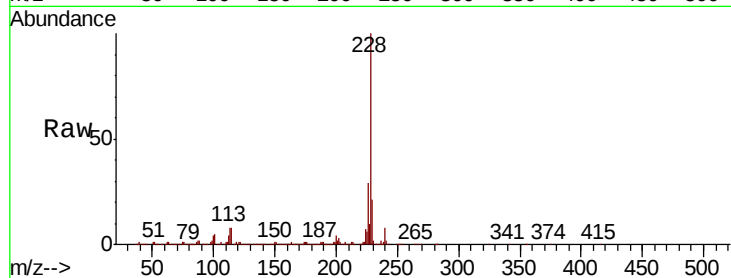
ClientSampled :

PB127639BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.6	35.4
229	21.1	17.1	25.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 28.801 ng

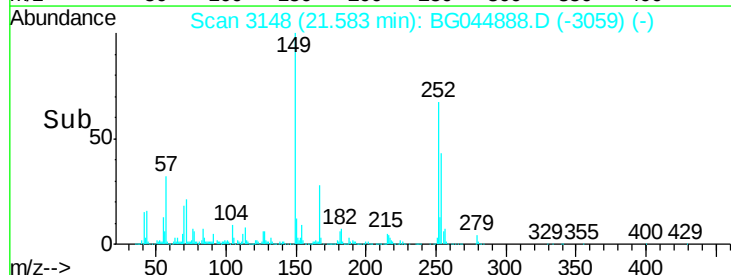
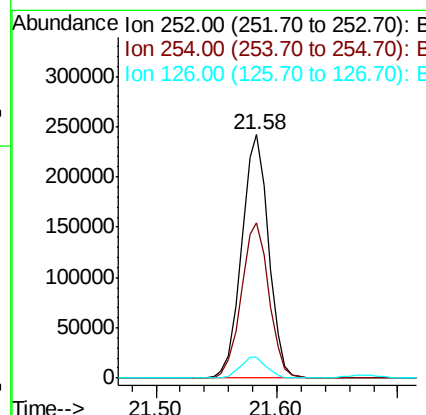
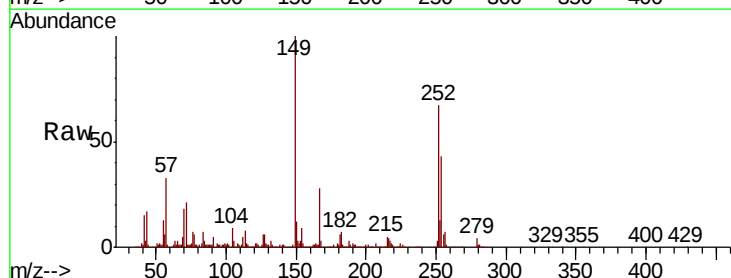
RT: 21.58 min Scan# 3148

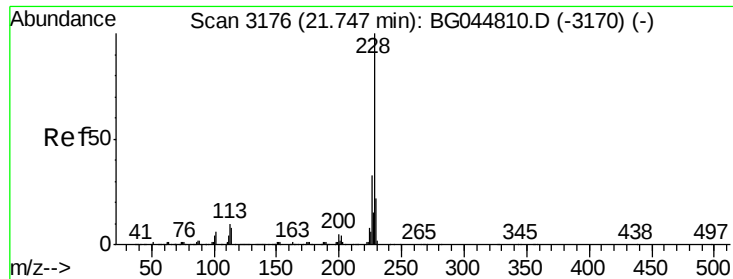
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.6	77.4
126	8.8	7.0	10.6





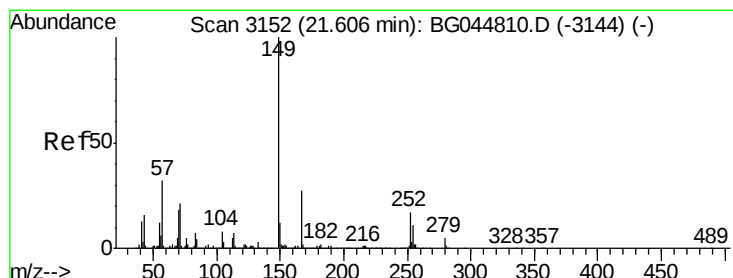
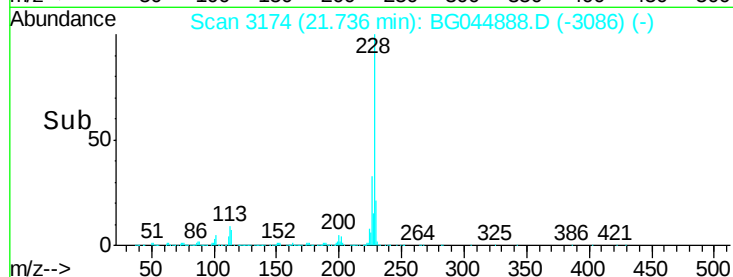
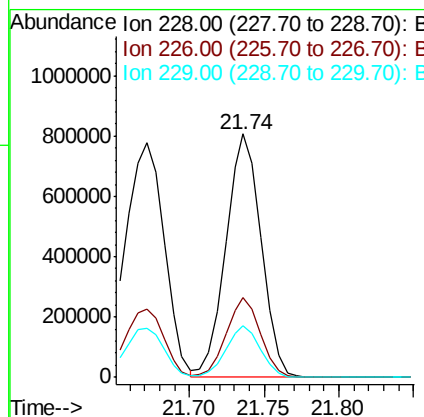
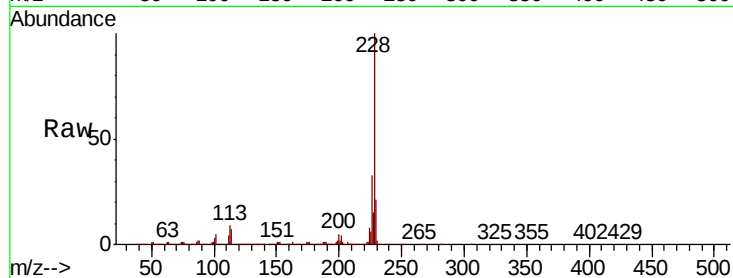
#83
 Chrysene
 Concen: 41.083 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Instrument :
 BNA_G
 ClientSampleId :
 PB127639BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.9	38.9
229	21.2	17.4	26.0

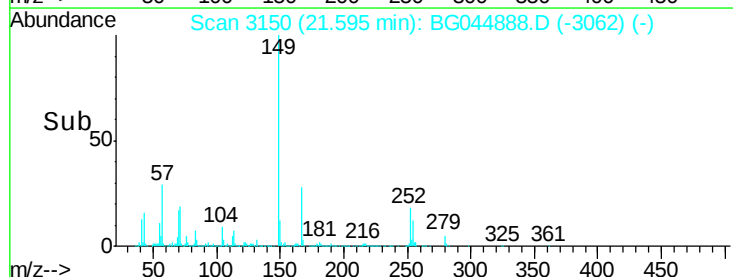
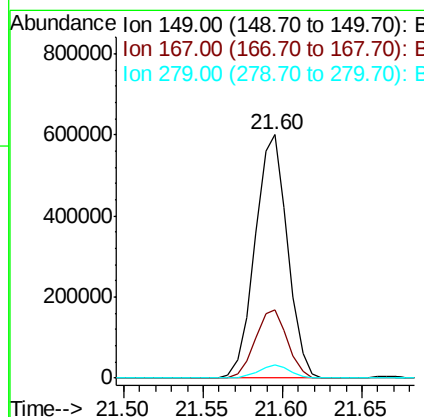
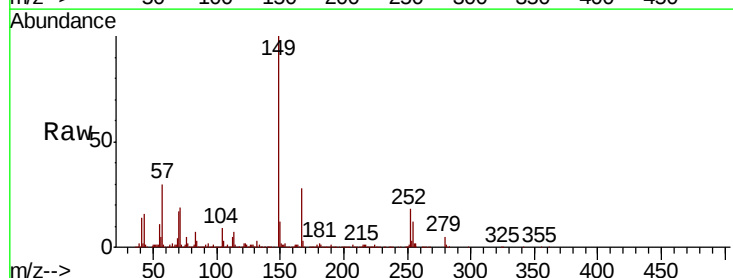
Manual Integrations
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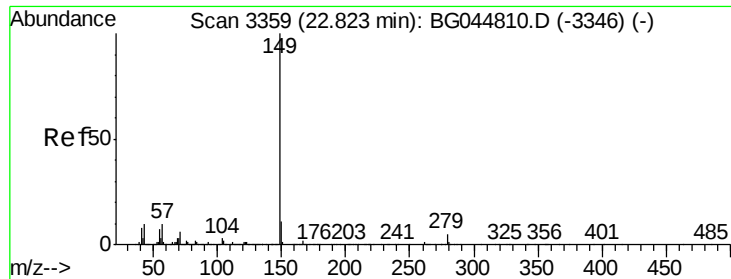
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.257 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG044888.D
 Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.6
279	5.4	3.8	5.6





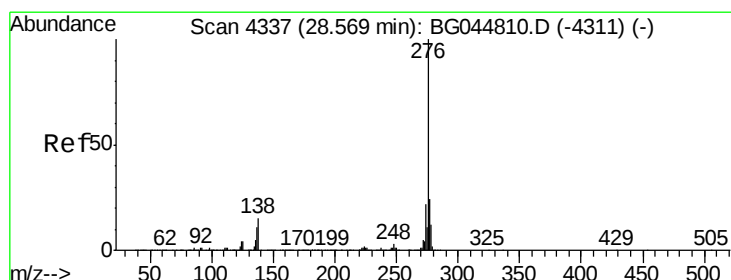
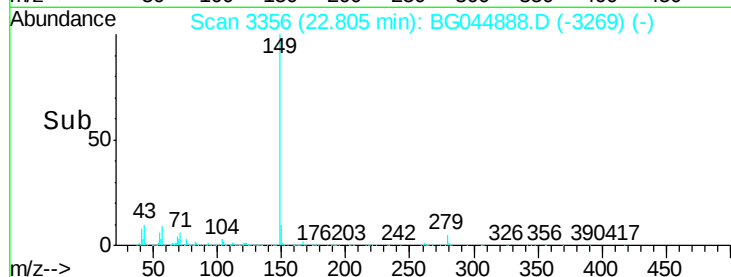
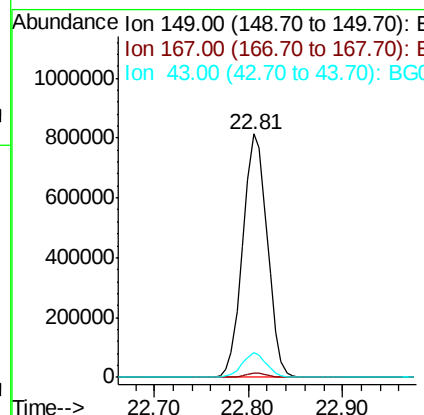
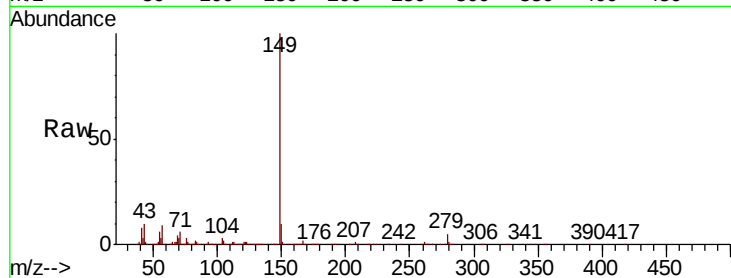
#85
Di-n-octyl phthalate
Concen: 41.639 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampled :
PB127639BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.8	8.2	12.4

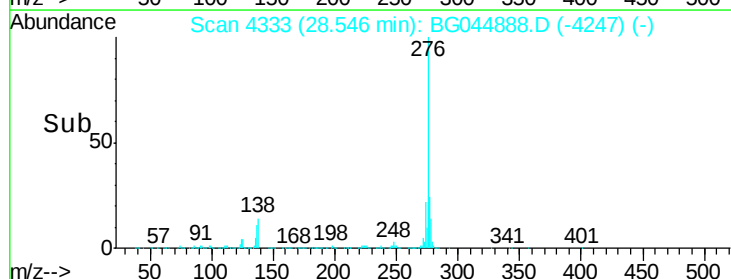
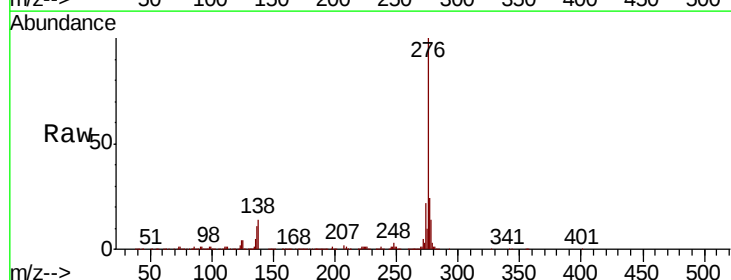
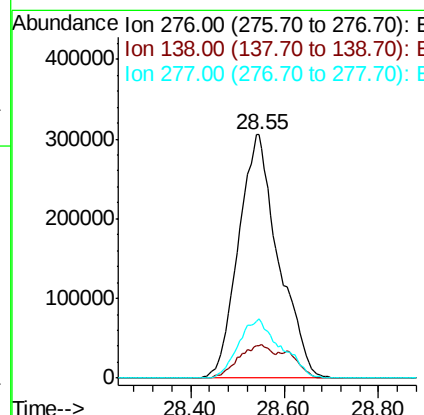
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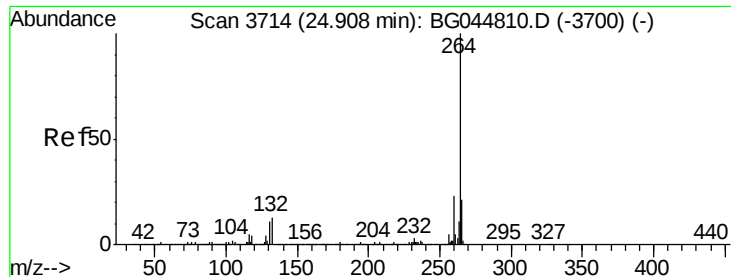
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.457 ng
RT: 28.55 min Scan# 4333
Delta R.T. -0.02 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.7	7.4	11.0#
277	25.7	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Instrument :

BNA_G

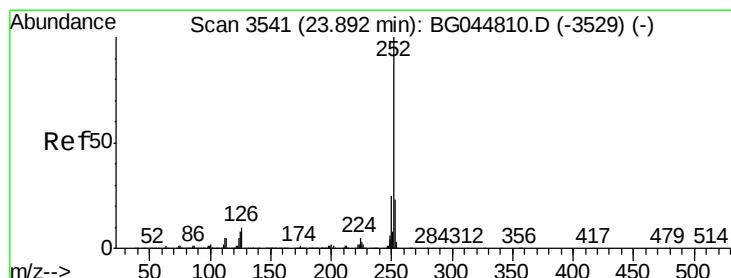
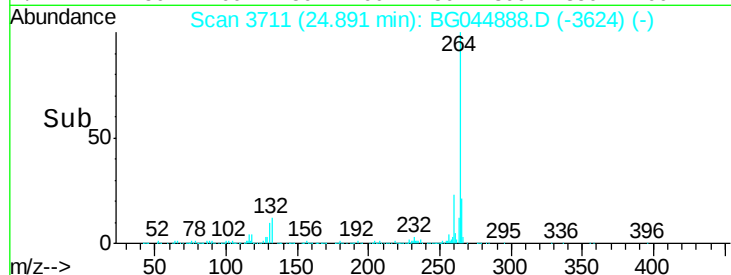
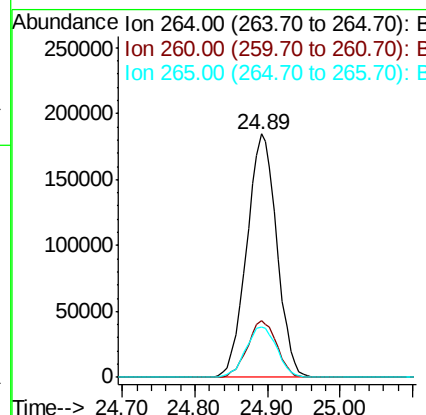
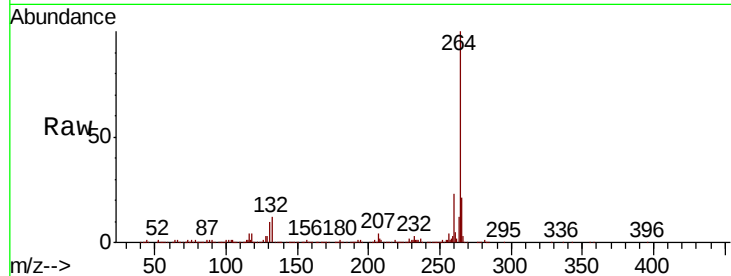
ClientSampleId :

PB127639BS

Tot Ion:	264	Resp:	529803
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.1	27.1
265	20.7	17.1	25.7

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 44.001 ng

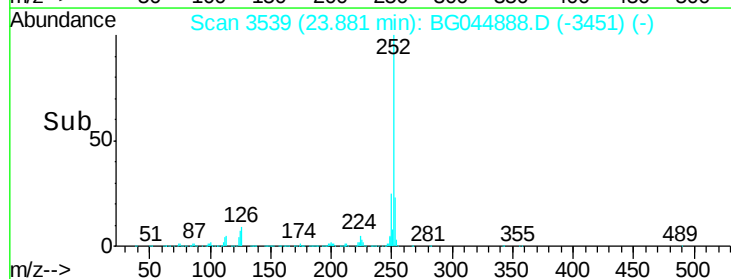
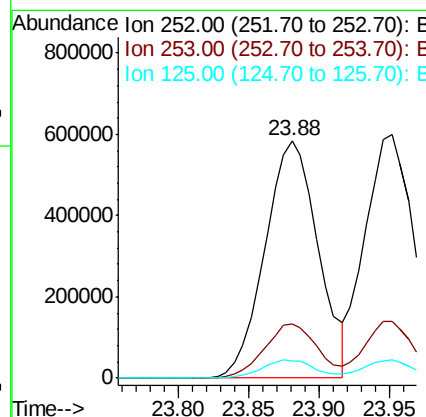
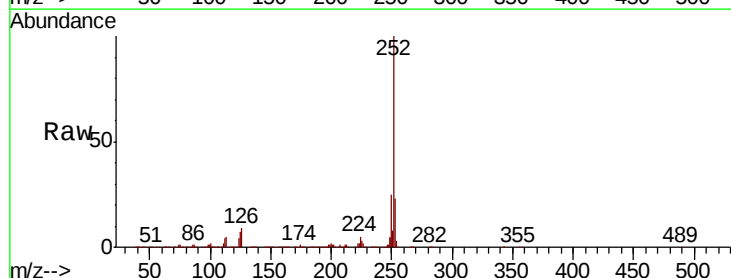
RT: 23.88 min Scan# 3539

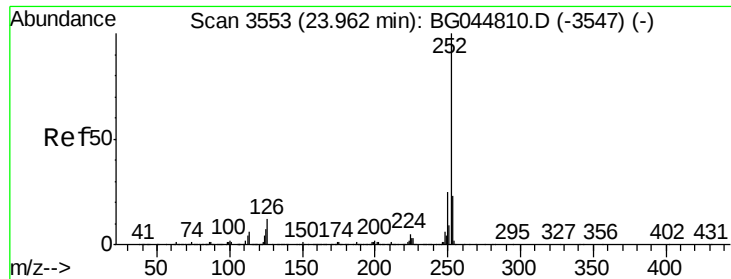
Delta R.T. -0.01 min

Lab File: BG044888.D

Acq: 19 Mar 2020 8:23

Tgt Ion:	252	Resp:	1539007
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.1	27.1
125	7.4	6.6	9.8





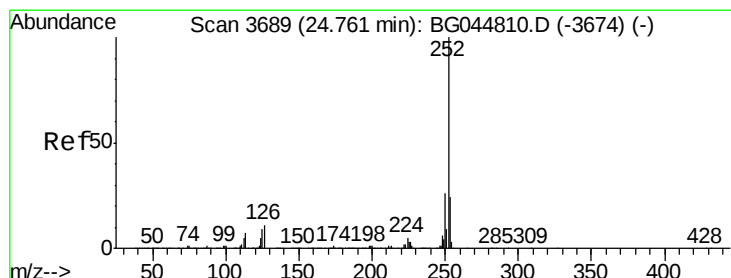
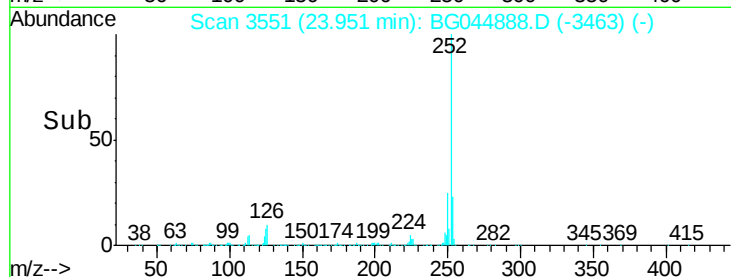
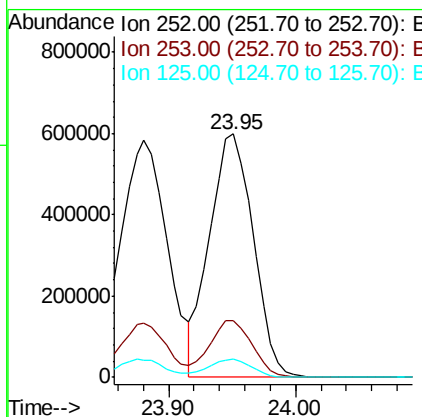
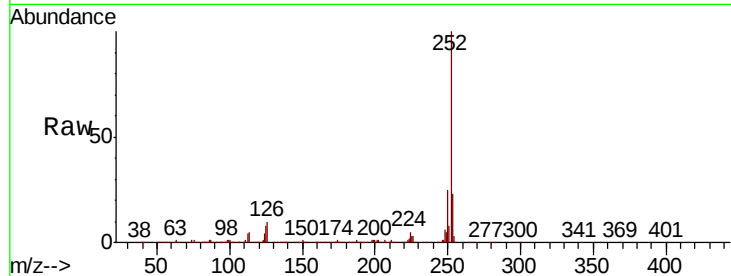
#89
Benzo(k)fluoranthene
Concen: 43.328 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	7.5	6.2	9.2

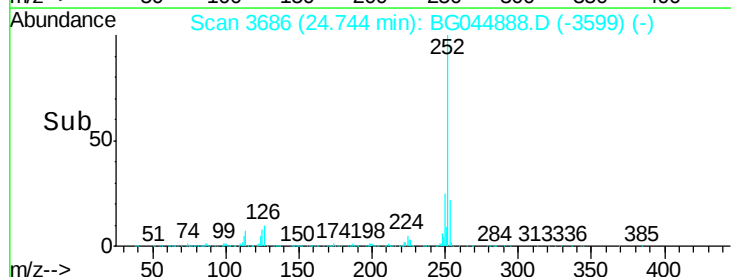
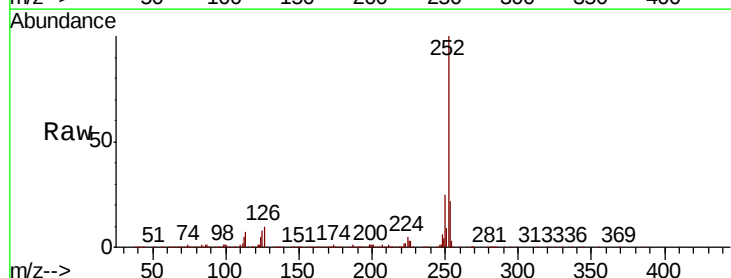
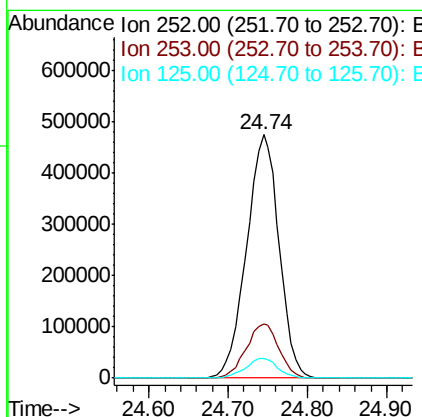
Manual Integrations
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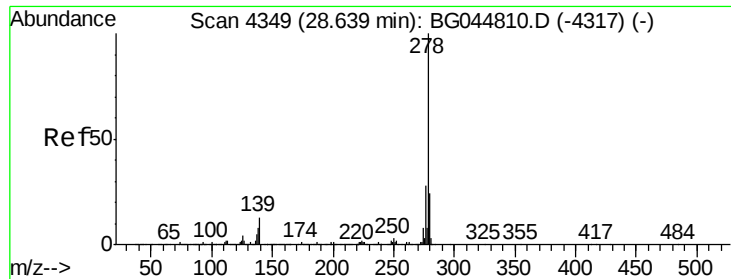
mohammad
3/19/2020 12:35:03 PM



#90
Benzo(a)pyrene
Concen: 41.260 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.4	29.0
125	8.0	7.2	10.8





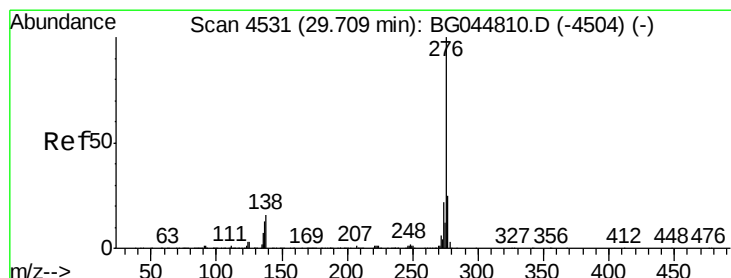
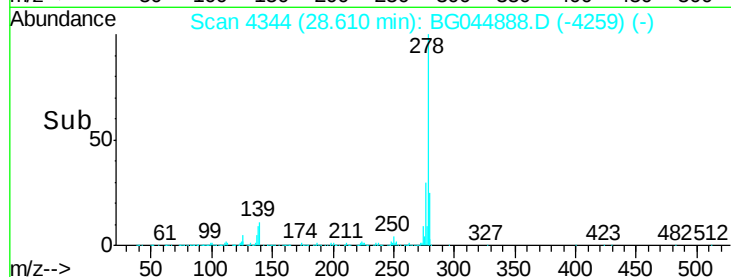
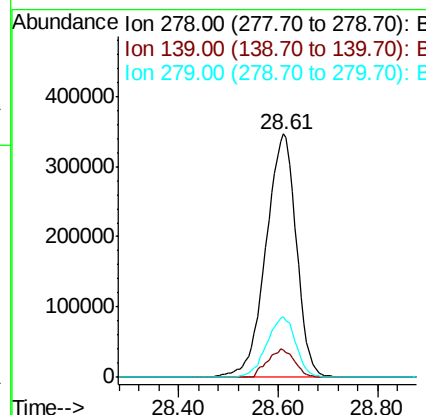
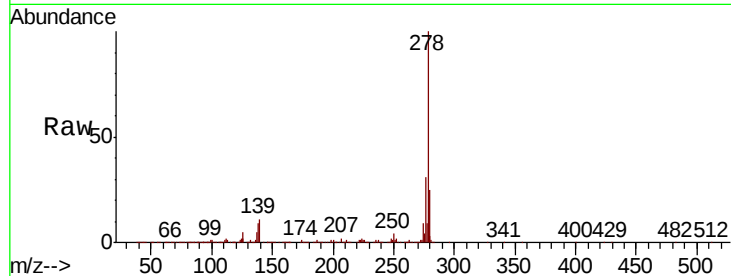
#91
Dibenzo(a,h)anthracene
Concen: 45.324 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Instrument :
BNA_G
ClientSampleId :
PB127639BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.3	10.2	15.2
279	25.0	18.9	28.3

Manual Integrations
APPROVED

mohammad
3/19/2020 12:35:03 PM



#92
Benzo(g,h,i)perylene
Concen: 45.693 ng
RT: 29.68 min Scan# 4526
Delta R.T. -0.03 min
Lab File: BG044888.D
Acq: 19 Mar 2020 8:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.1	30.1
138	15.5	13.0	19.6

