

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044384.D
 Acq On : 11 Feb 2020 11:07
 Operator : CG/JU
 Sample : PB126703BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Manual Integrations
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mohammad
 2/13/2020 10:29:37 AM

Quant Time: Feb 11 14:02:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	76842	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	309203	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	198173	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	432466	20.00	ng	0.00
76) Chrysene-d12	21.53	240	384282	20.00	ng	0.00
87) Perylene-d12	24.62	264	436034	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	426203	97.89	ng	0.00
7) Phenol-d6	7.08	99	557691	95.38	ng	0.00
23) Nitrobenzene-d5	9.06	82	449631	82.10	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	213825	91.91	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	999168	84.43	ng	0.00
79) Terphenyl-d14	19.91	244	1526337	81.70	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	92590	47.330	ng	98
3) Pyridine	3.76	79	220365	42.281	ng	97
4) n-Nitrosodimethylamine	3.68	42	107264	49.251	ng	99
6) Aniline	7.23	93	278227	38.337	ng	100
8) 2-Chlorophenol	7.47	128	252973	52.865	ng	100
9) Benzaldehyde	7.04	77	122568	36.808	ng	98
10) Phenol	7.11	94	305302	52.762	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	236100	47.726	ng	99
12) 1,3-Dichlorobenzene	7.80	146	271231	47.473	ng	97
13) 1,4-Dichlorobenzene	7.94	146	271705	48.015	ng	100
14) 1,2-Dichlorobenzene	8.26	146	252696	47.245	ng	99
15) Benzyl Alcohol	8.14	79	205743	49.703	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.44	45	305123	45.570	ng	99
17) 2-Methylphenol	8.36	107	214631	51.988	ng	99
18) Hexachloroethane	8.99	117	99368	46.795	ng	98
19) n-Nitroso-di-n-propylamine	8.71	70	176819	45.377	ng	99
20) 3+4-Methylphenols	8.68	107	291791	51.284	ng	98
22) Acetophenone	8.73	105	339737	45.166	ng	99
24) Nitrobenzene	9.10	77	254624	47.622	ng	99
25) Isophorone	9.63	82	486403	47.648	ng	98
26) 2-Nitrophenol	9.82	139	141861	51.133	ng	99
27) 2,4-Dimethylphenol	9.89	122	236418	60.367	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	313242	45.999	ng	100
29) 2,4-Dichlorophenol	10.36	162	244190	51.566	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	252917	46.578	ng	99
31) Naphthalene	10.76	128	736340	49.084	ng	99
32) Benzoic acid	10.05	122	99232	41.282	ng	93
33) 4-Chloroaniline	10.86	127	162760	23.855	ng	98
34) Hexachlorobutadiene	11.05	225	151774	45.425	ng	99
35) Caprolactam	11.63	113	88001m	50.730	ng	
36) 4-Chloro-3-methylphenol	12.00	107	254672	51.294	ng	99
37) 2-Methylnaphthalene	12.37	142	536853	48.199	ng	99
38) 1-Methylnaphthalene	12.59	142	512013	48.758	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	264907	44.687	ng	99

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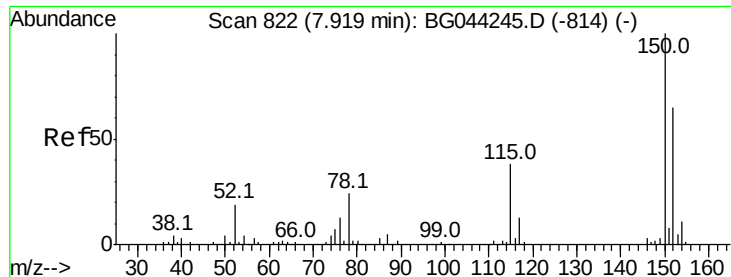
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	329807	115.948	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	190965	49.838	ng	100
44) 2,4,5-Trichlorophenol	13.06	196	209796	53.605	ng	99
46) 1,1'-Biphenyl	13.38	154	680203	47.585	ng	99
47) 2-Chloronaphthalene	13.42	162	527234	46.351	ng	98
48) 2-Nitroaniline	13.62	65	156062	46.490	ng	98
49) Acenaphthylene	14.27	152	838744	50.273	ng	100
50) Dimethylphthalate	14.00	163	682650	47.921	ng	99
51) 2,6-Dinitrotoluene	14.11	165	156819	49.373	ng	99
52) Acenaphthene	14.61	154	514756	47.601	ng	97
53) 3-Nitroaniline	14.44	138	105938	30.147	ng	99
54) 2,4-Dinitrophenol	14.65	184	167801	88.286	ng	99
55) Dibenzofuran	14.94	168	803306	49.063	ng	100
56) 4-Nitrophenol	14.77	139	279872	108.730	ng	99
57) 2,4-Dinitrotoluene	14.91	165	219238	49.248	ng	96
58) Fluorene	15.59	166	635289	49.264	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	186212	52.675	ng	98
60) Diethylphthalate	15.36	149	678793	47.821	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	333929	47.758	ng	99
62) 4-Nitroaniline	15.61	138	156080	44.451	ng	97
63) Azobenzene	15.88	77	612184	49.210	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	128032	53.633	ng	99
66) n-Nitrosodiphenylamine	15.80	169	595338	49.122	ng	98
67) 4-Bromophenyl-phenylether	16.48	248	220609	46.822	ng	98
68) Hexachlorobenzene	16.60	284	241421	45.735	ng	99
69) Atrazine	16.75	200	226980	54.641	ng	97
70) Pentachlorophenol	16.95	266	260710	96.975	ng	99
71) Phenanthrene	17.33	178	1012334	48.341	ng	99
72) Anthracene	17.42	178	1045637	50.504	ng	99
73) Carbazole	17.69	167	948973	49.719	ng	100
74) Di-n-butylphthalate	18.26	149	1165336	49.407	ng	100
75) Fluoranthene	19.34	202	1212514	50.051	ng	99
77) Benzidine	19.52	184	594256	55.751	ng	99
78) Pyrene	19.70	202	1210656	49.057	ng	100
80) Butylbenzylphthalate	20.59	149	534440	47.521	ng	99
81) Benzo(a)anthracene	21.52	228	1165502	49.211	ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	324838	35.340	ng	99
83) Chrysene	21.58	228	1119949	48.922	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	756286	48.857	ng	100
85) Di-n-octyl phthalate	22.60	149	1321129	49.326	ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1421896	47.608	ng	100
88) Benzo(b)fluoranthene	23.65	252	1230257	48.964	ng	98
89) Benzo(k)fluoranthene	23.71	252	1199465	48.981	ng	99
90) Benzo(a)pyrene	24.48	252	1137263	47.872	ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1174198	49.943	ng	98
92) Benzo(g,h,i)perylene	29.21	276	1196075	50.819	ng	98

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



#1

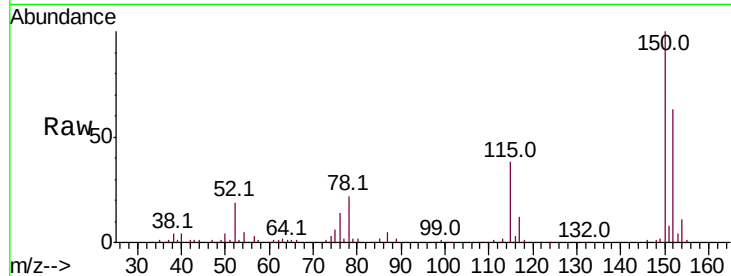
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	122.6	183.8
115	60.3	46.0	69.0

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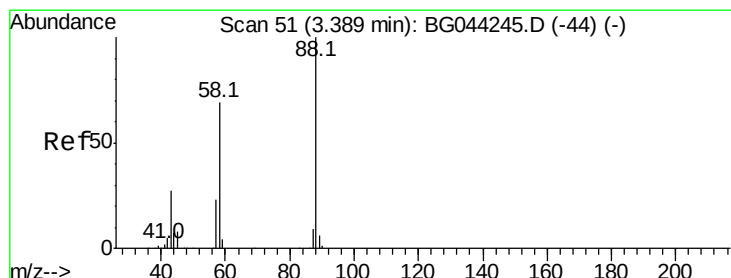
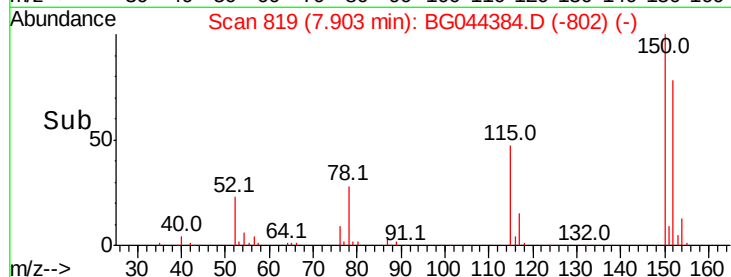
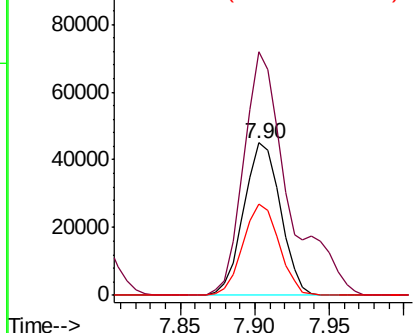


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

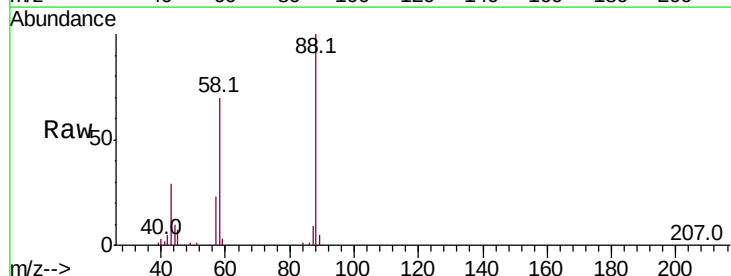
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.330 ng
RT: 3.37 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	55.8	83.6
43	26.5	21.6	32.4

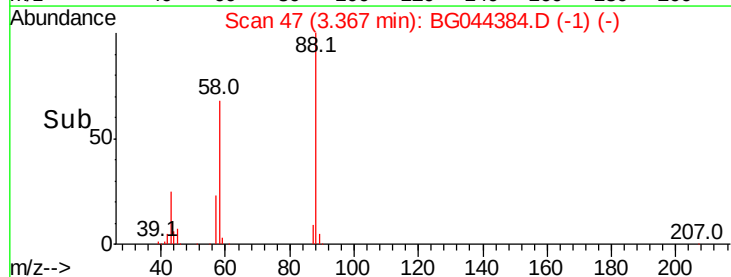
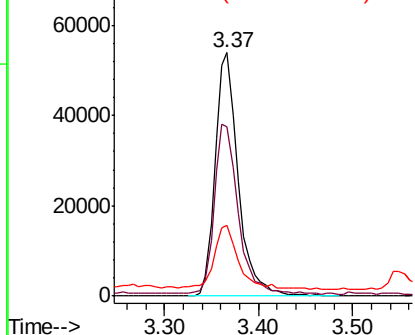


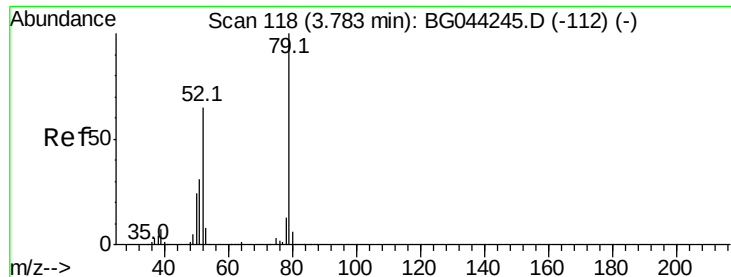
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.281 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

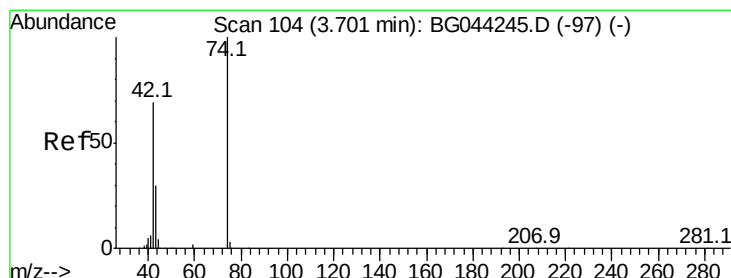
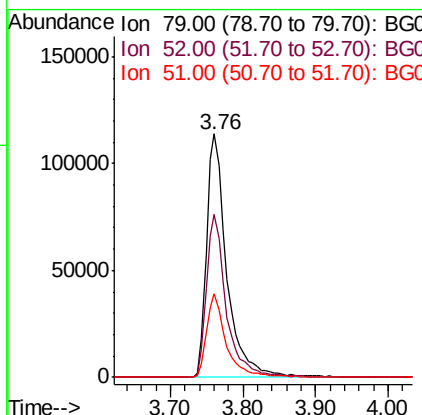
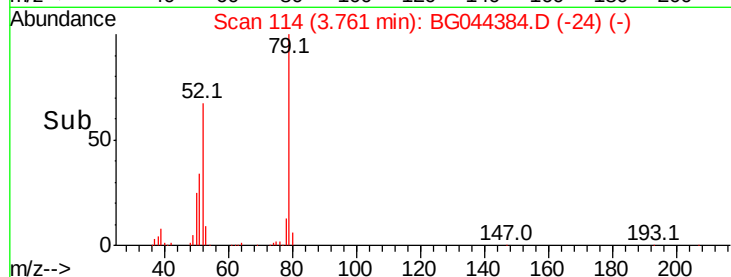
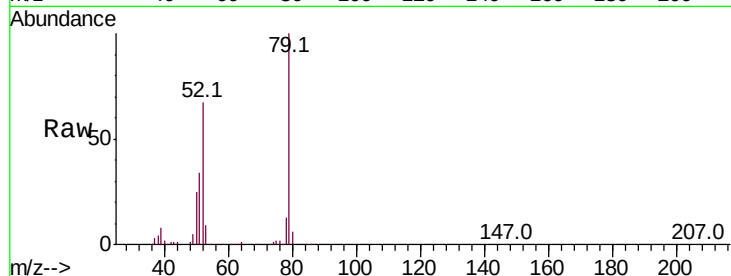
ClientSampleId :

PB126703BSD

Tot Ion:	79	Resp:	220365
Ion Ratio	Lower	Upper	
79	100		
52	67.0	51.9	77.9
51	34.1	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 49.251 ng

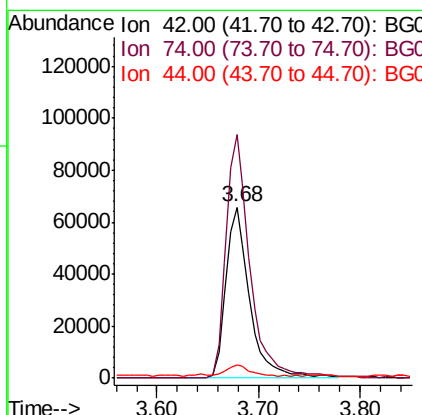
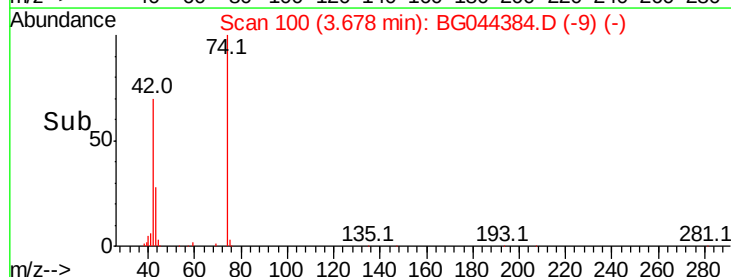
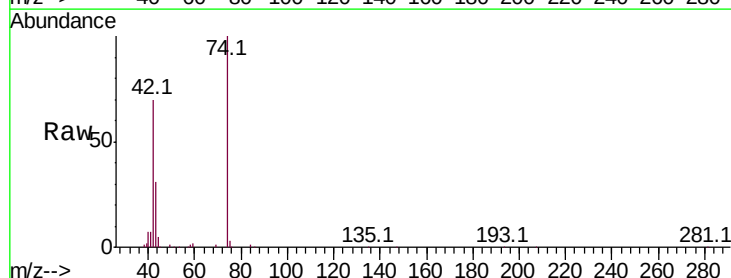
RT: 3.68 min Scan# 100

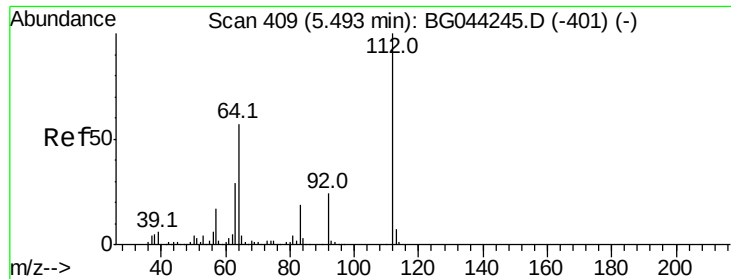
Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion:	42	Resp:	107264
Ion Ratio	Lower	Upper	
42	100		
74	142.3	115.1	172.7
44	7.4	5.6	8.4





#5

2-Fluorophenol

Concen: 97.887 ng

RT: 5.49 min Scan# 408

Delta R.T. 0.01 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

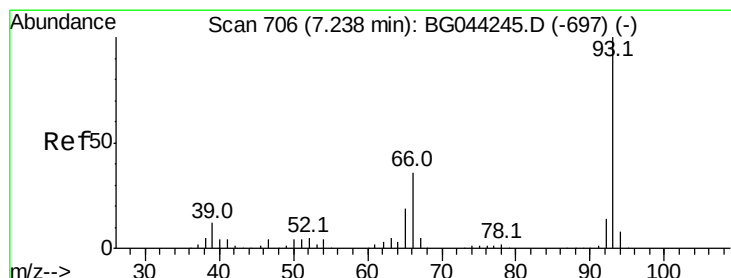
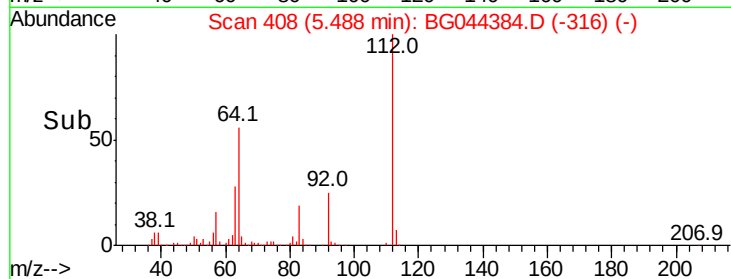
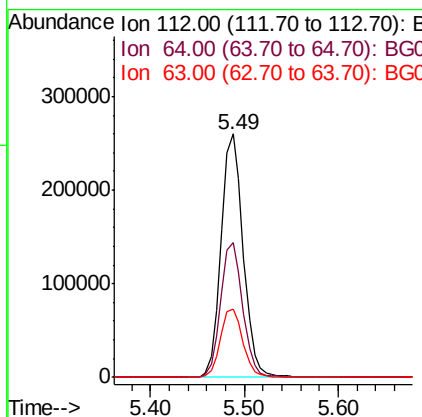
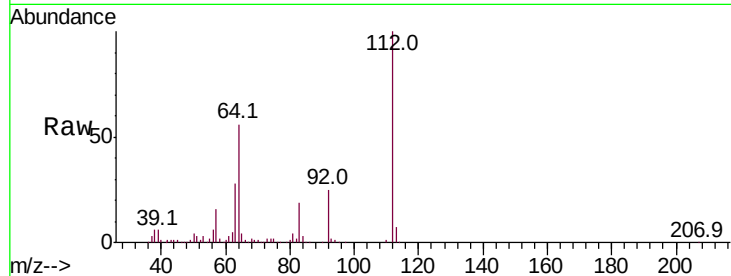
ClientSampleId :

PB126703BSD

Tot Ion:	112	Resp:	426203
Ion Ratio	Lower	Upper	
112	100		
64	55.6	45.4	68.2
63	28.3	22.9	34.3

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#6

Aniline

Concen: 38.337 ng

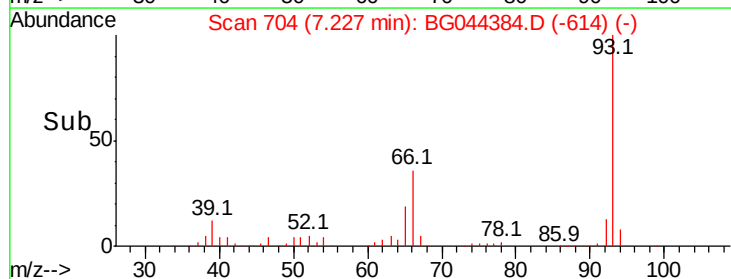
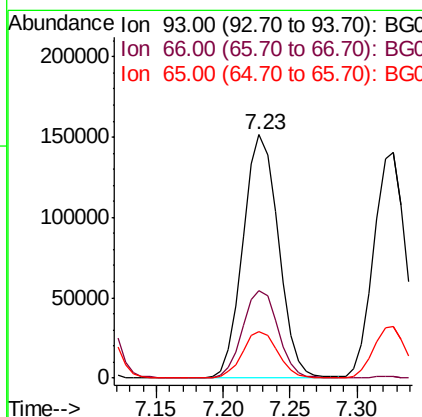
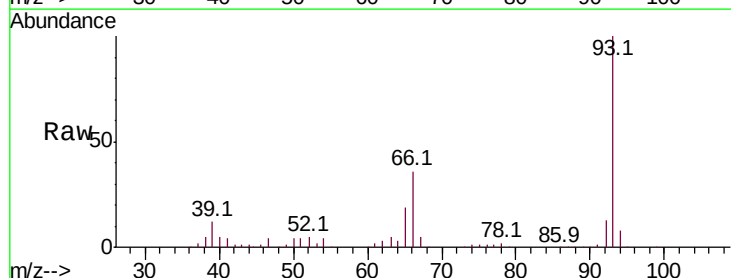
RT: 7.23 min Scan# 704

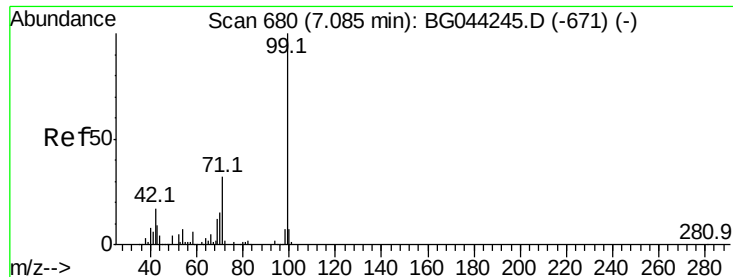
Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion:	93	Resp:	278227
Ion Ratio	Lower	Upper	
93	100		
66	36.1	28.7	43.1
65	19.2	15.4	23.0





#7

Phenol-d6

Concen: 95.384 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

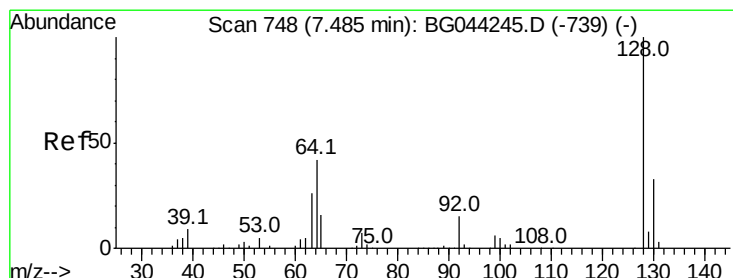
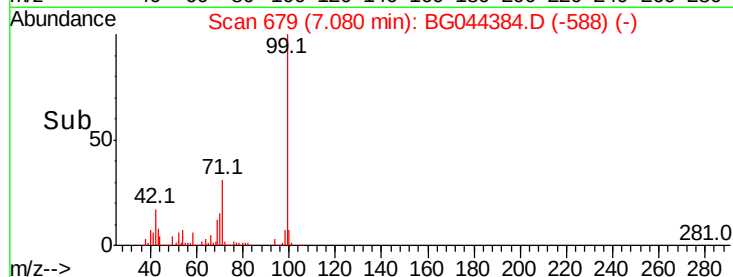
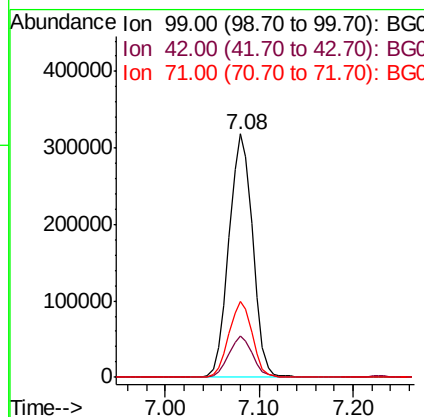
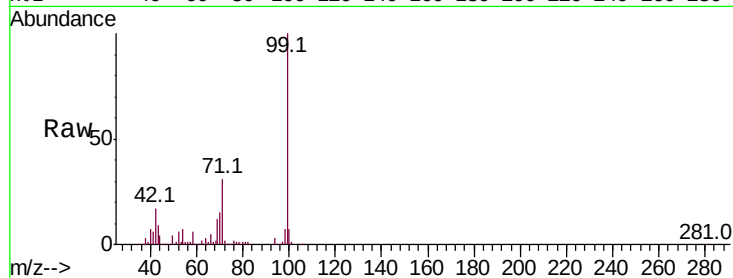
ClientSampleId :

PB126703BSD

Tot Ion:	99	Resp:	557691
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.8	20.6
71	31.1	25.5	38.3

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#8

2-Chlorophenol

Concen: 52.865 ng

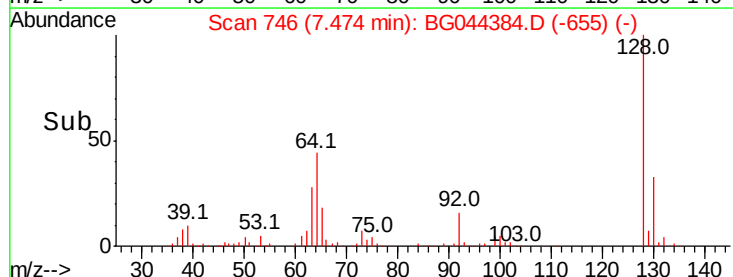
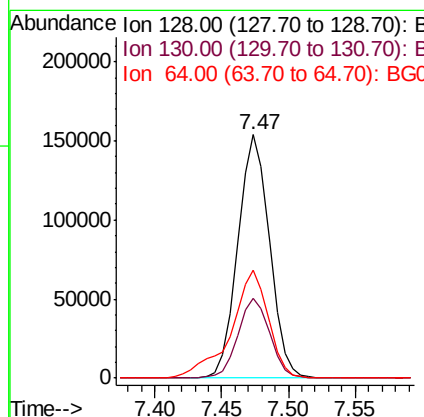
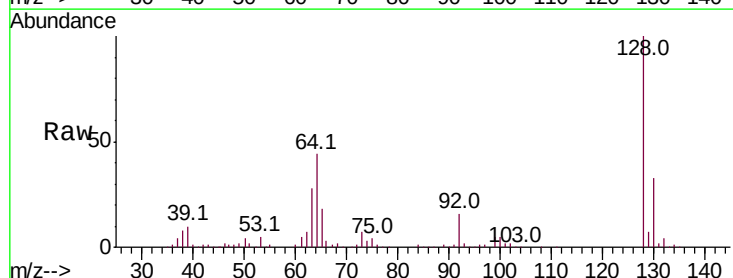
RT: 7.47 min Scan# 746

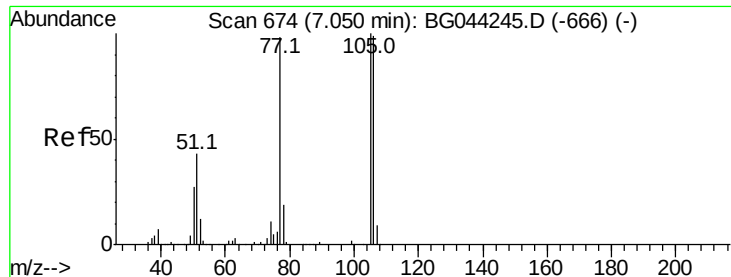
Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion:	128	Resp:	252973
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.5	52.5
64	44.3	24.2	64.2





#9

Benzaldehyde

Concen: 36.808 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

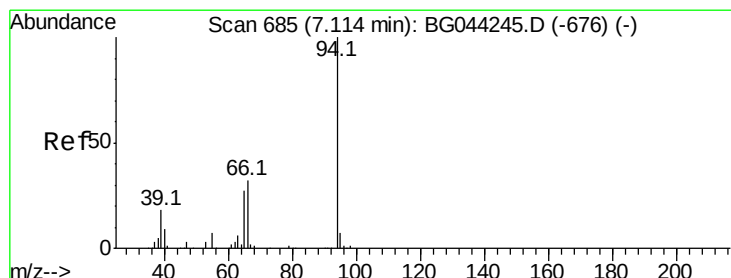
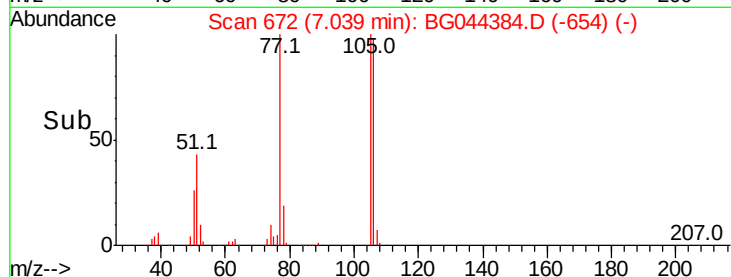
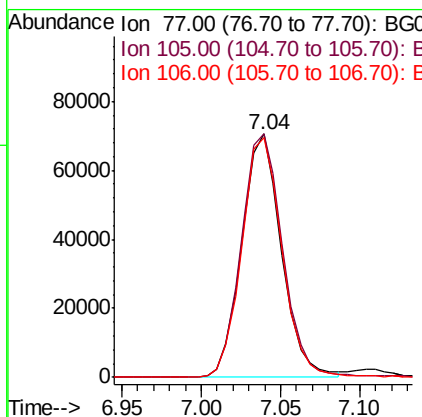
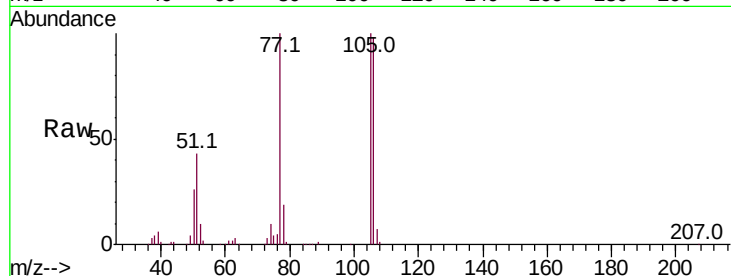
ClientSampleId :

PB126703BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.1	82.0	122.0
106	98.5	80.7	120.7

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#10

Phenol

Concen: 52.762 ng

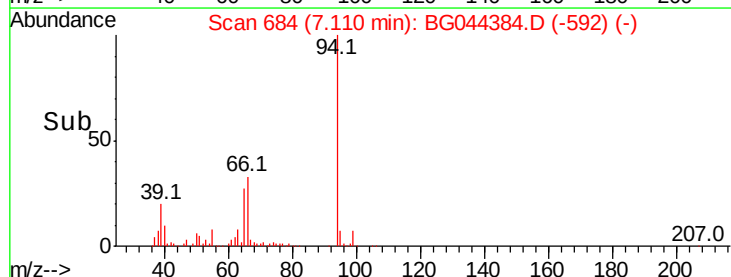
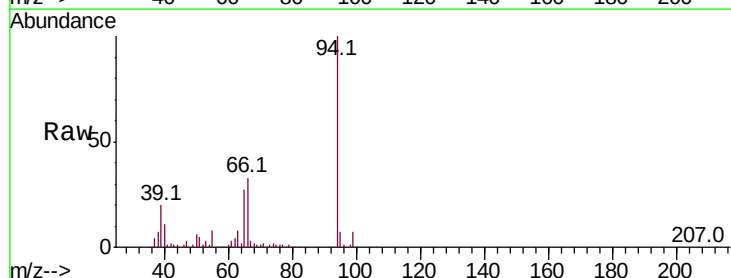
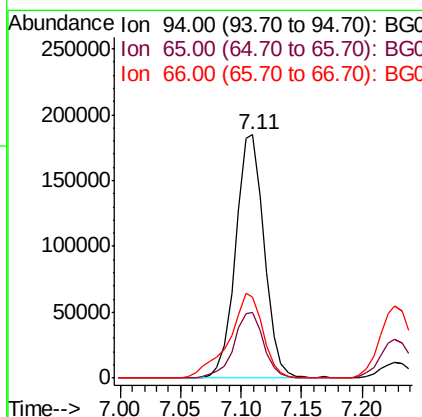
RT: 7.11 min Scan# 684

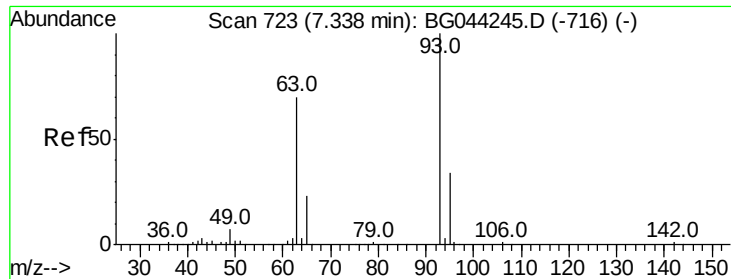
Delta R.T. 0.01 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.0	47.0
66	33.2	12.7	52.7





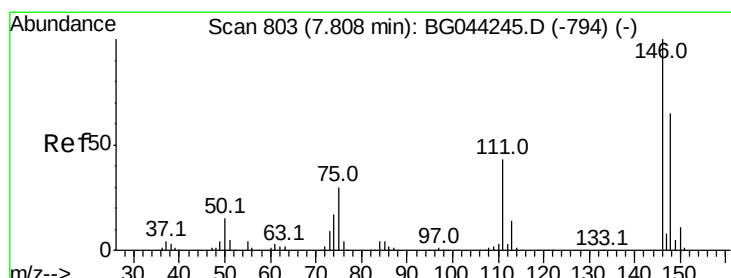
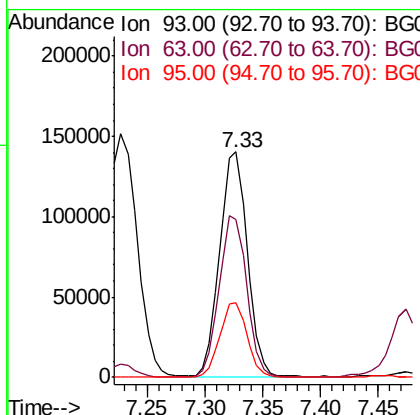
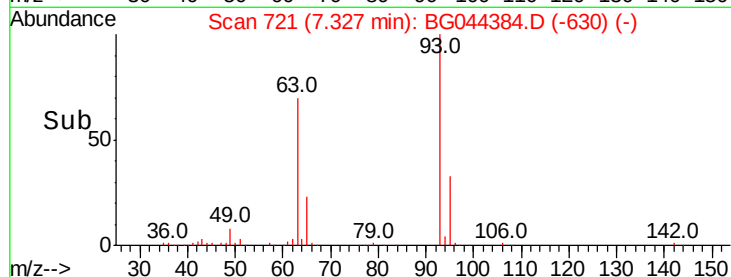
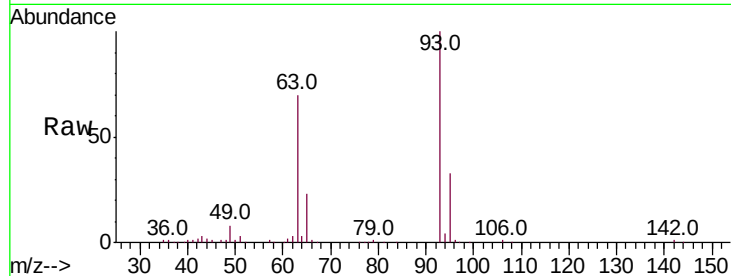
#11
bis(2-Chloroethyl)ether
Concen: 47.726 ng
RT: 7.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	93	Resp	236100
Ion Ratio	100	Lower	Upper
93	100		
63	70.0	49.2	89.2
95	33.0	13.6	53.6

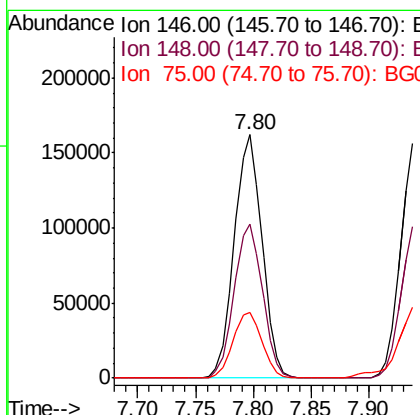
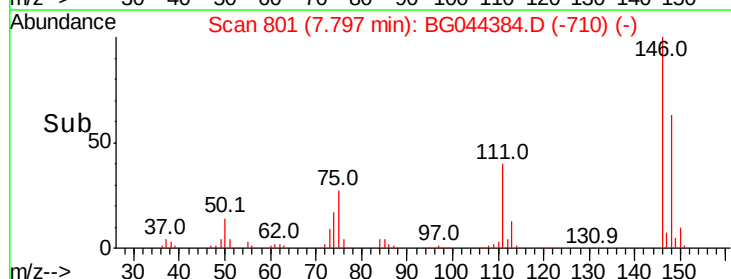
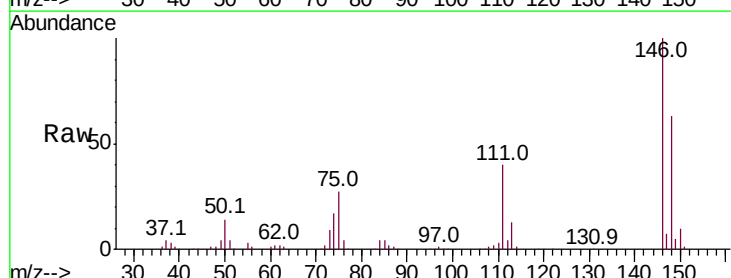
Manual Integrations
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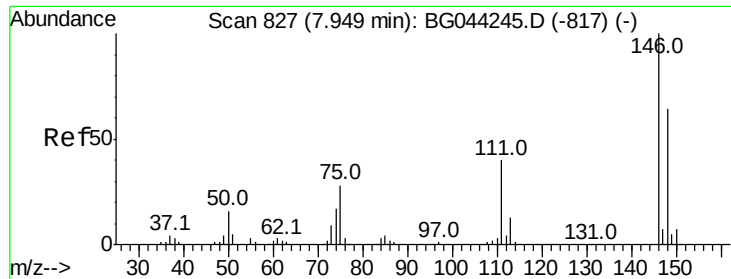
mohammad
2/13/2020 10:29:37 AM



#12
1,3-Dichlorobenzene
Concen: 47.473 ng
RT: 7.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	146	Resp	271231
Ion Ratio	100	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	26.7	23.7	35.5





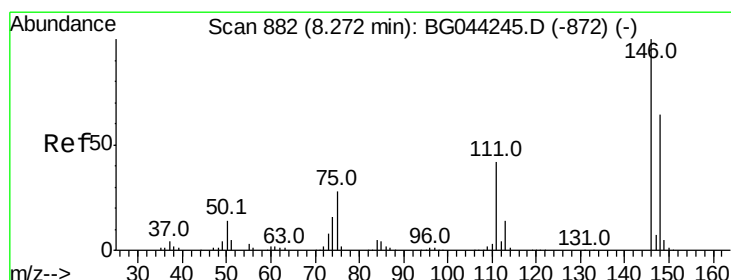
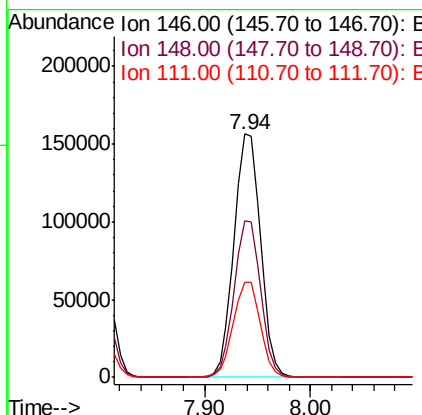
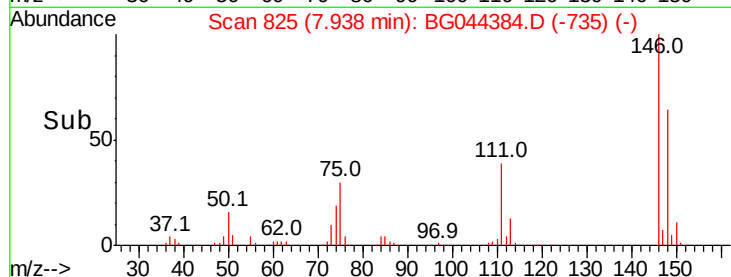
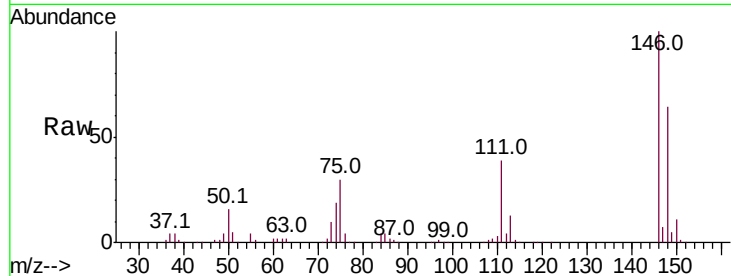
#13
 1,4-Dichlorobenzene
 Concen: 48.015 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
111	39.1	31.8	47.8

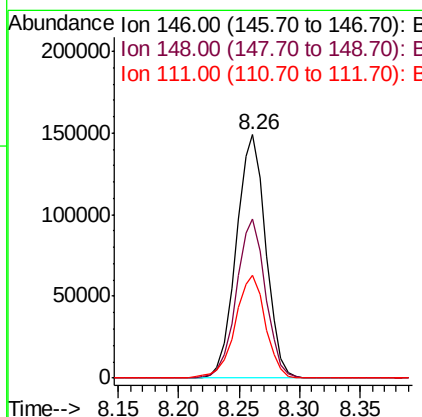
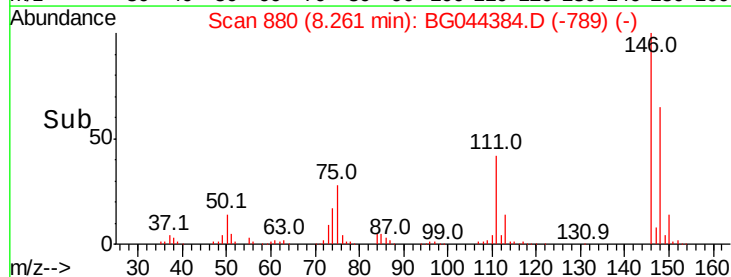
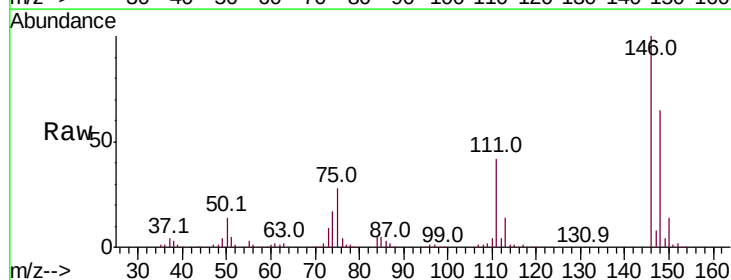
Manual Integrations
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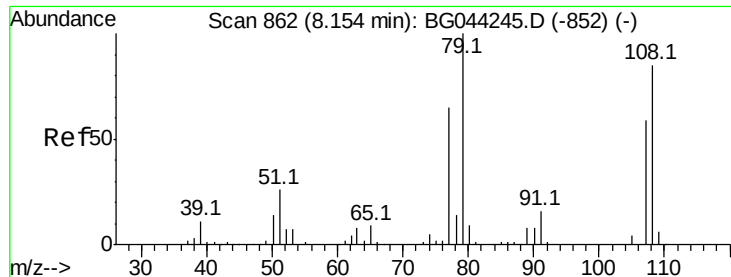
mohammad
 2/13/2020 10:29:37 AM



#14
 1,2-Dichlorobenzene
 Concen: 47.245 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.2	76.8
111	42.2	34.0	51.0





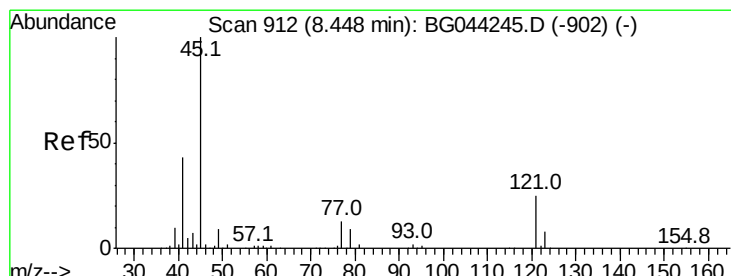
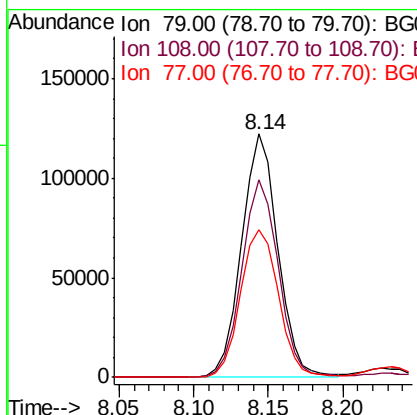
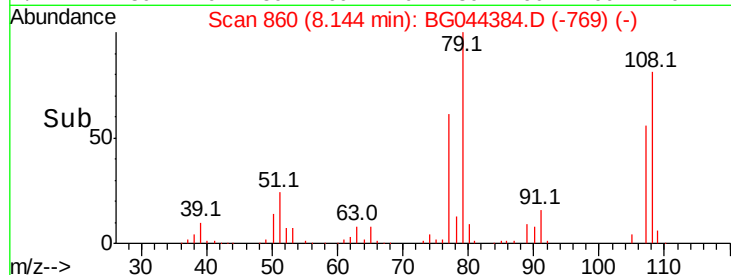
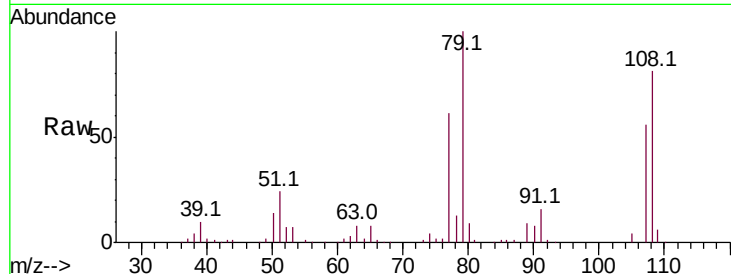
#15
Benzyl Alcohol
Concen: 49.703 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion:	79	Resp:	205743
Ion Ratio	Lower	Upper	
79	100		
108	81.1	68.3	102.5
77	60.6	51.8	77.8

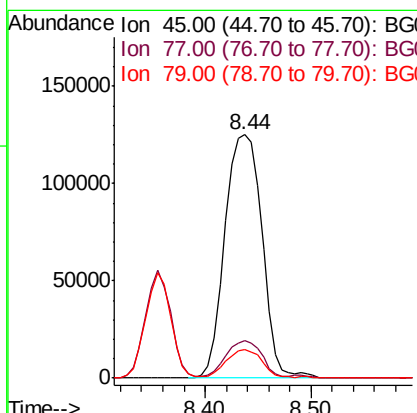
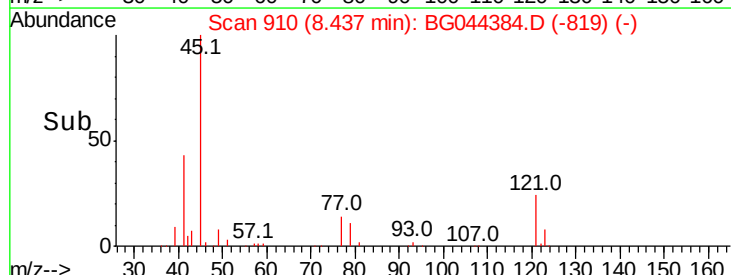
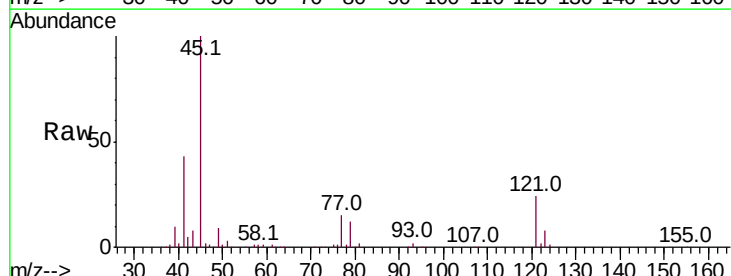
Manual Integrations
APPROVED

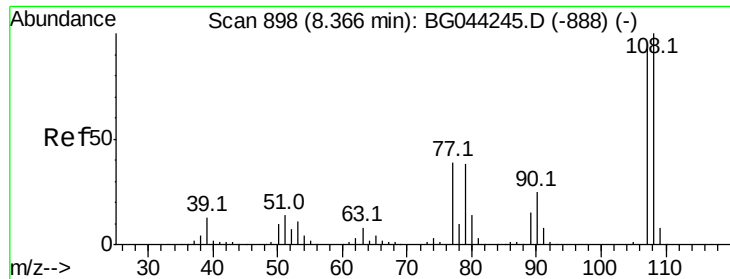
mohammad
2/13/2020 10:29:37 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.570 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion:	45	Resp:	305123
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	35.2
79	11.9	0.0	31.1





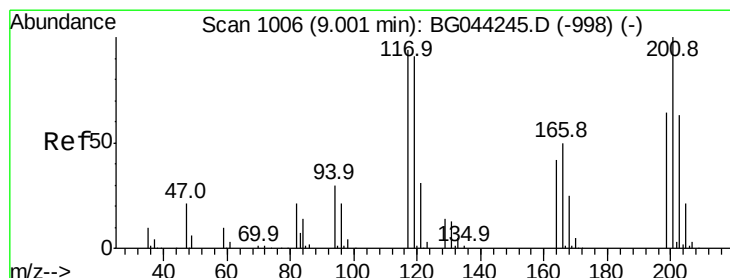
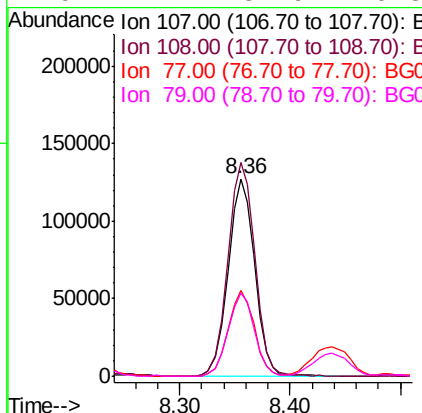
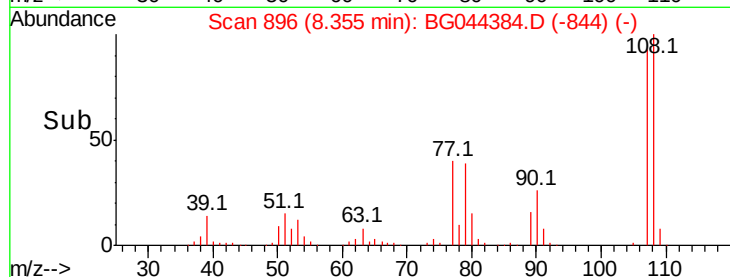
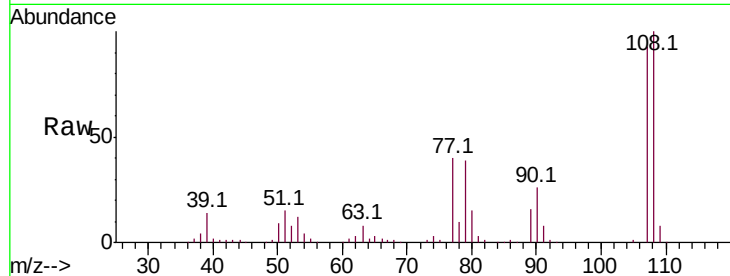
#17
2-Methylphenol
Concen: 51.988 ng
RT: 8.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.1	86.4	129.6	
77	43.4	34.0	51.0	
79	42.4	32.9	49.3	

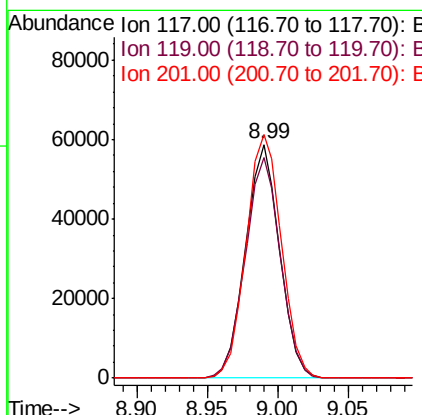
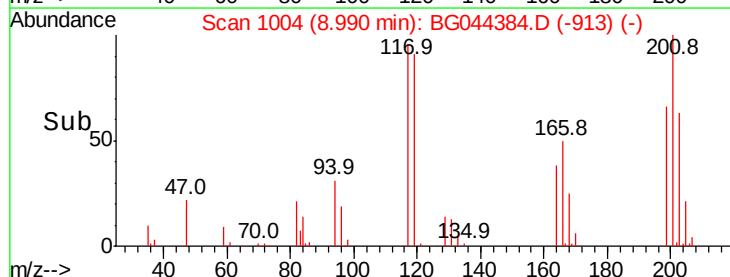
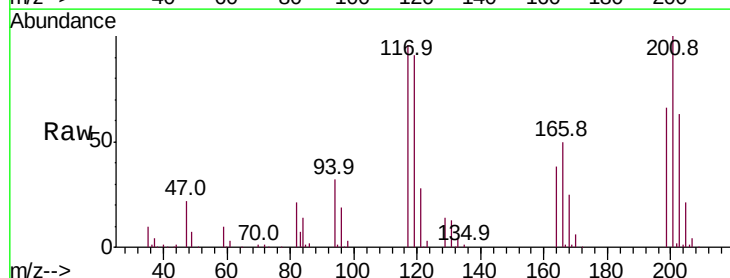
Manual Integrations
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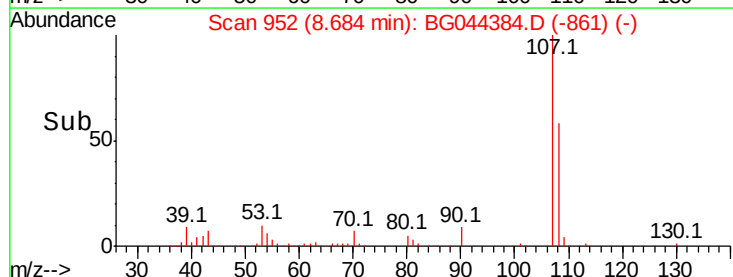
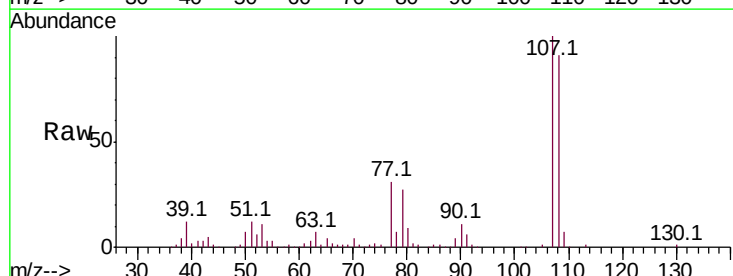
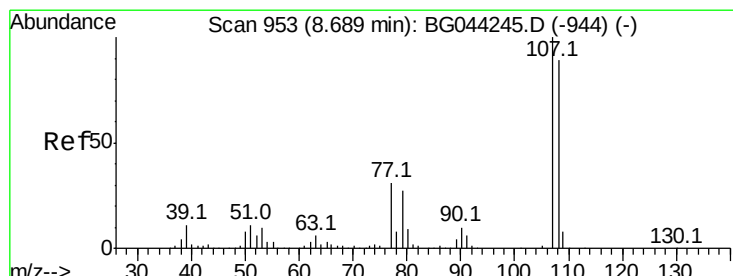
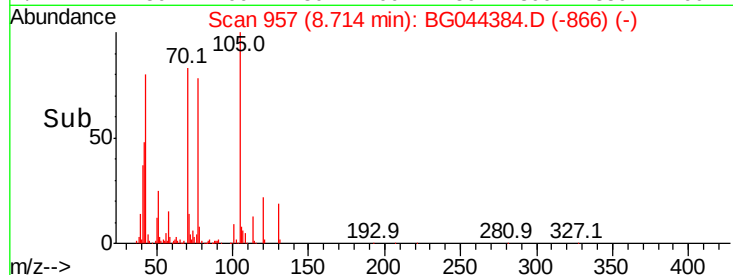
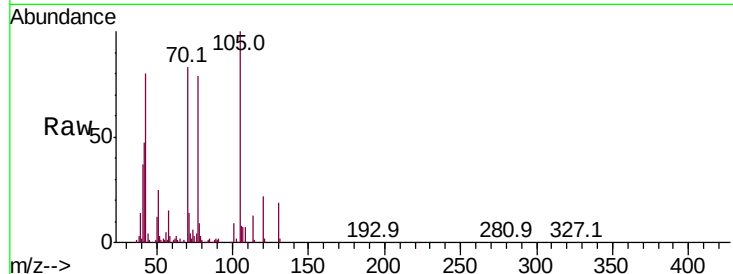
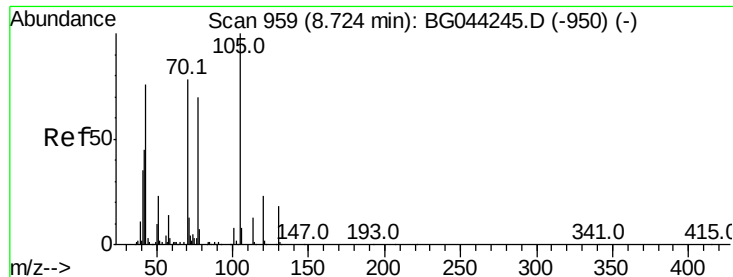
mohammad
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#18
Hexachloroethane
Concen: 46.795 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	77.5	116.3	
201	104.1	84.9	127.3	





#19

n-Nitroso-di-n-propylamine

Concen: 45.377 ng

RT: 8.71 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG044384.D

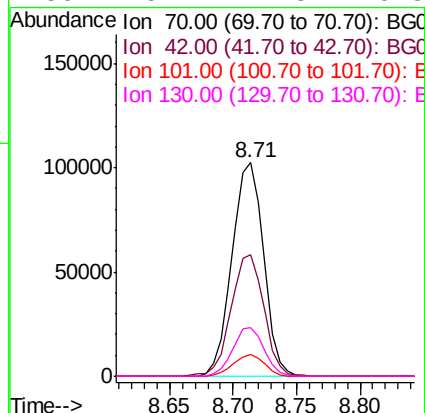
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.2	46.2	69.2
101	10.3	8.4	12.6
130	23.1	17.8	26.8

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#20

3+4-Methylphenols

Concen: 51.284 ng

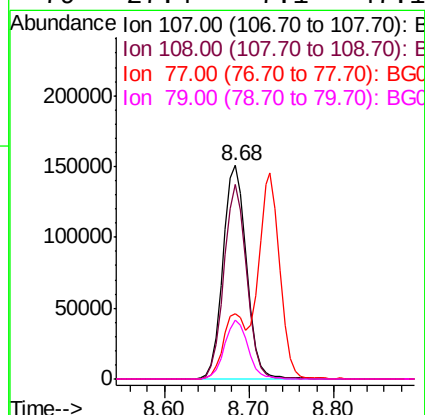
RT: 8.68 min Scan# 952

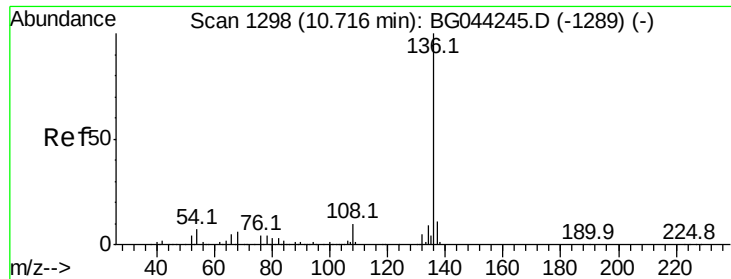
Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.5	108.5
77	30.7	10.9	50.9
79	27.4	7.1	47.1





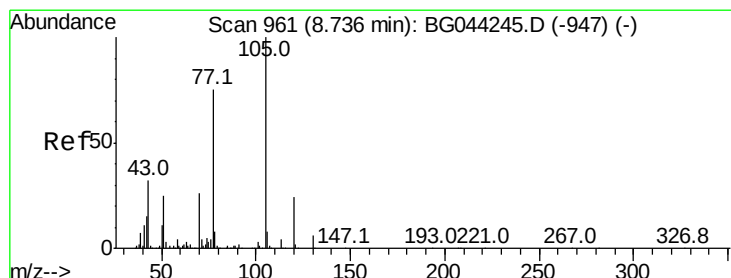
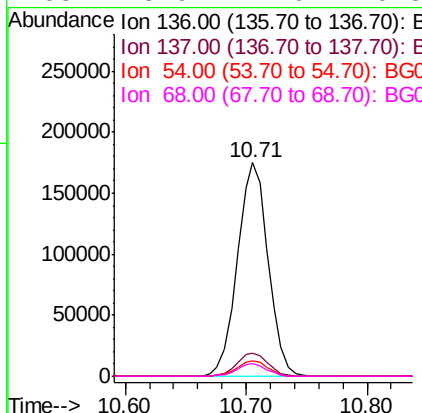
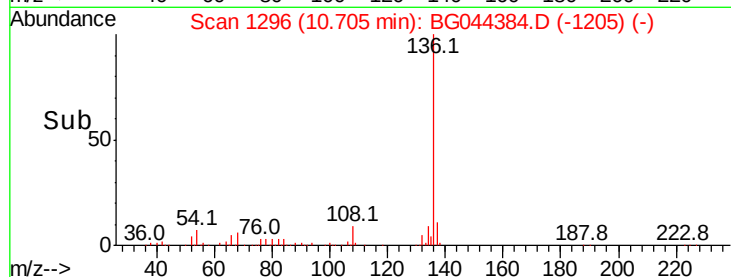
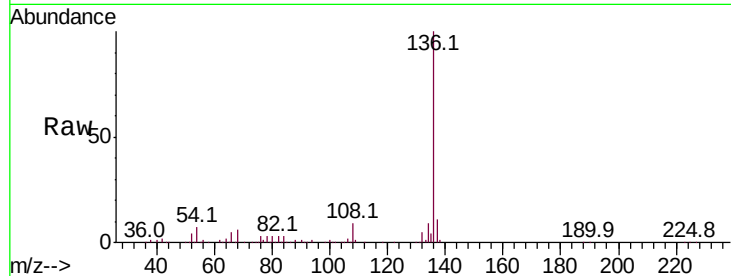
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.8	13.2	
54	7.3	5.8	8.8	
68	5.9	4.6	6.8	

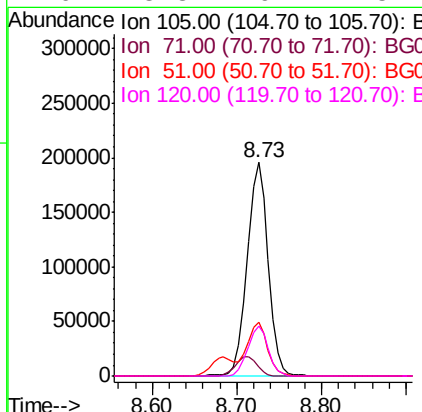
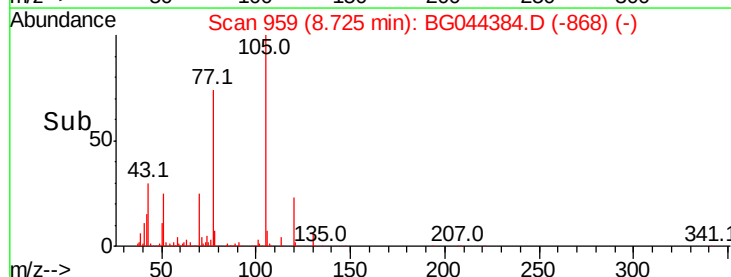
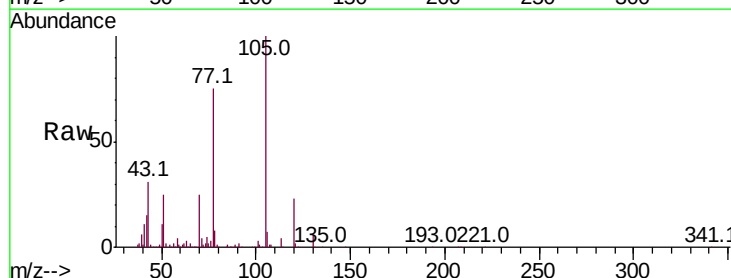
Manual Integrations
APPROVED

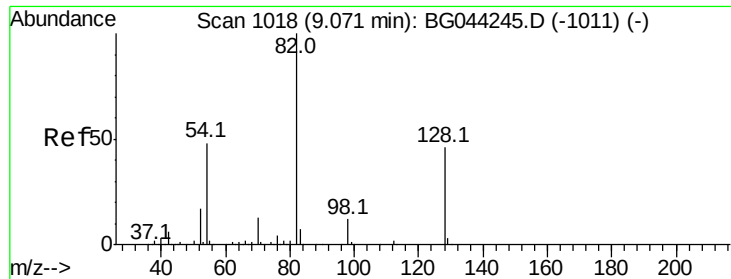
mohammad
2/13/2020 10:29:37 AM



#22
Acetophenone
Concen: 45.166 ng
RT: 8.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.1	3.4	5.0	
51	25.0	20.2	30.4	
120	23.3	19.1	28.7	





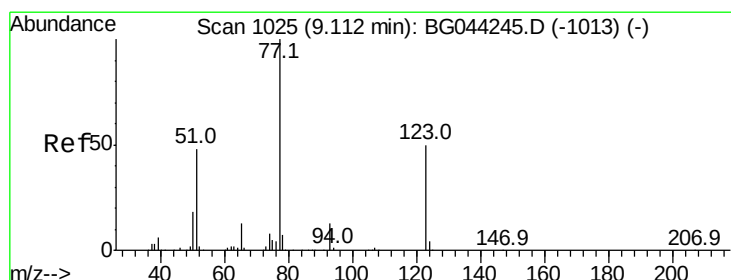
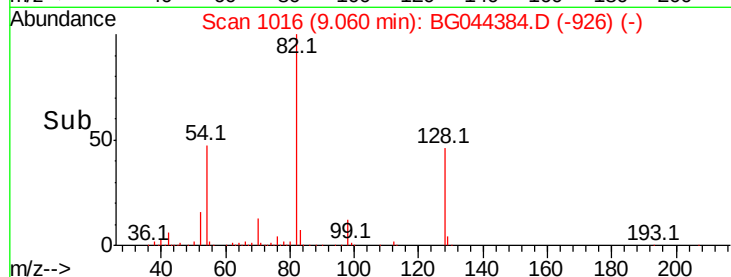
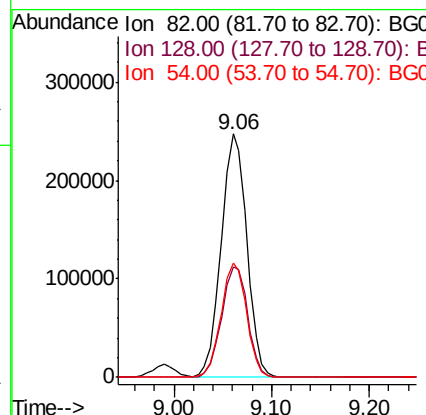
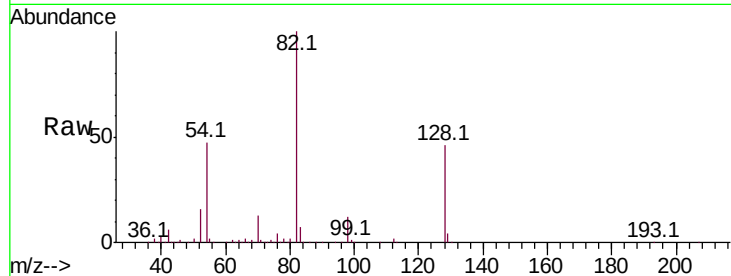
#23
 Nitrobenzene-d5
 Concen: 82.097 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.5	54.7
54	46.7	38.6	58.0

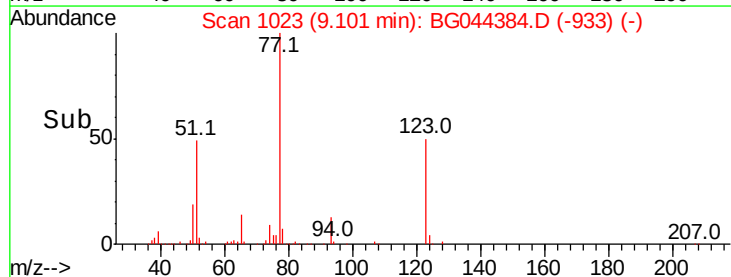
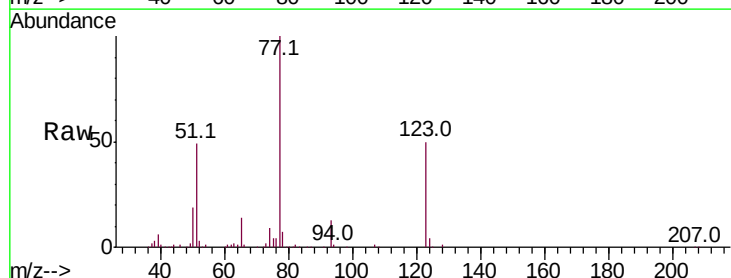
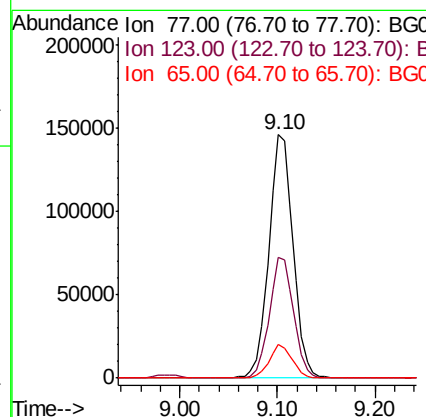
Manual Integrations
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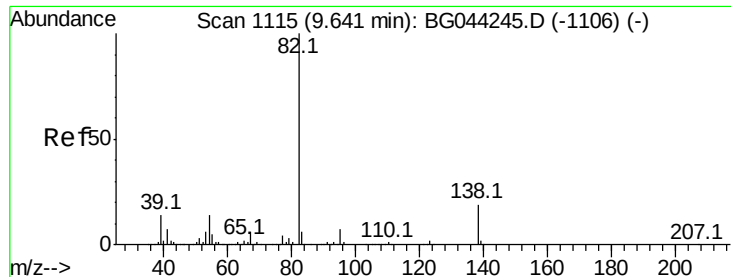
mohammad
 2/13/2020 10:29:37 AM



#24
 Nitrobenzene
 Concen: 47.622 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	39.9	59.9
65	13.7	10.4	15.6





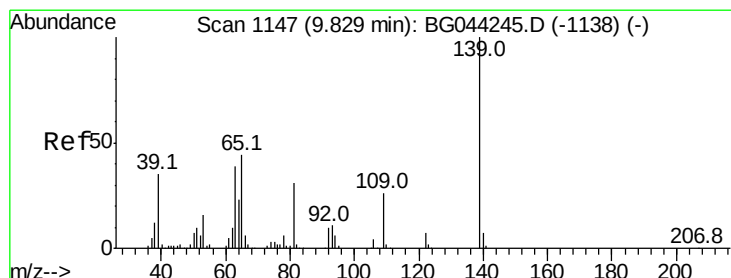
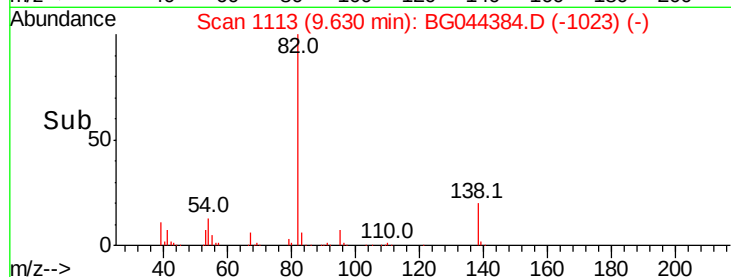
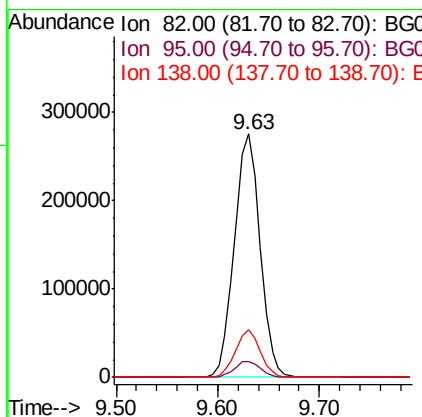
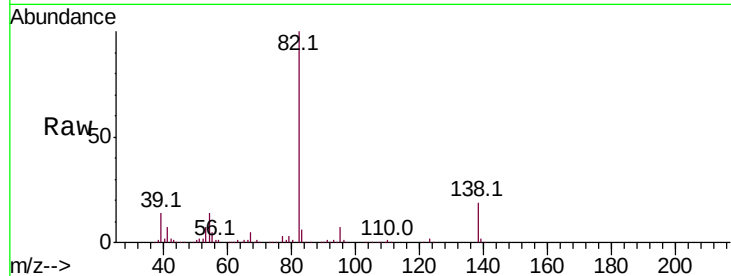
#25
Isophorone
Concen: 47.648 ng
RT: 9.63 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	486403		
95	6.6		5.7	8.5
138	19.4		15.0	22.4

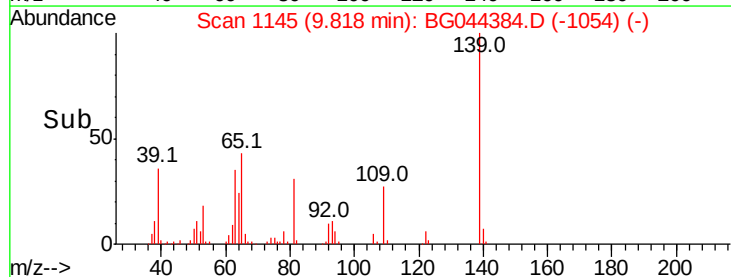
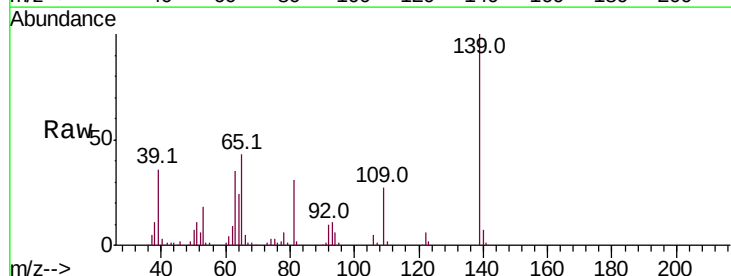
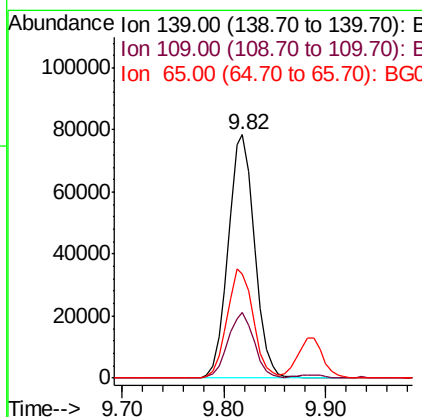
Manual Integrations
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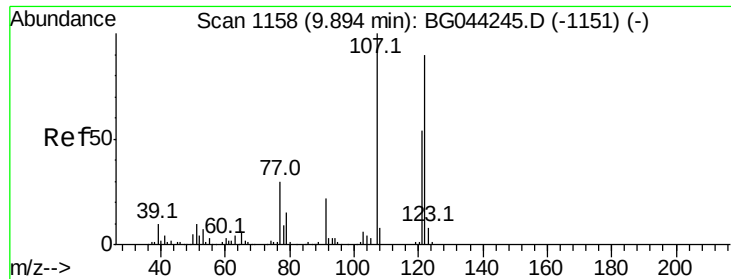
mohammad
2/13/2020 10:29:37 AM



#26
2-Nitrophenol
Concen: 51.133 ng
RT: 9.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	141861		
109	26.9		21.0	31.4
65	42.9		35.0	52.4





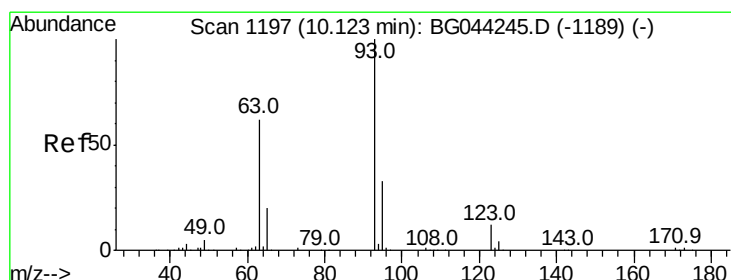
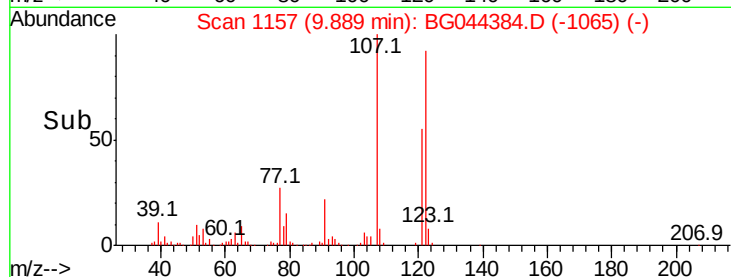
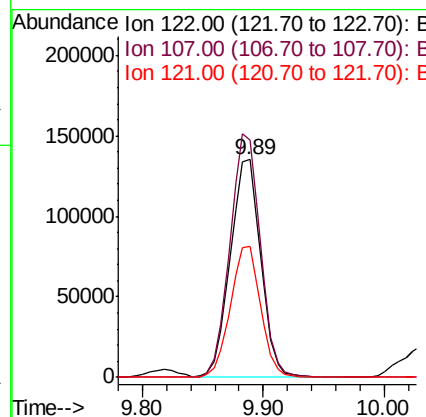
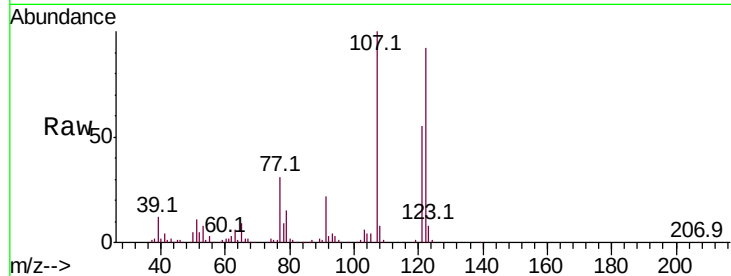
#27
2,4-Dimethylphenol
Concen: 60.367 ng
RT: 9.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	236418		
107	109.1	88.8	133.2	
121	60.4	48.3	72.5	

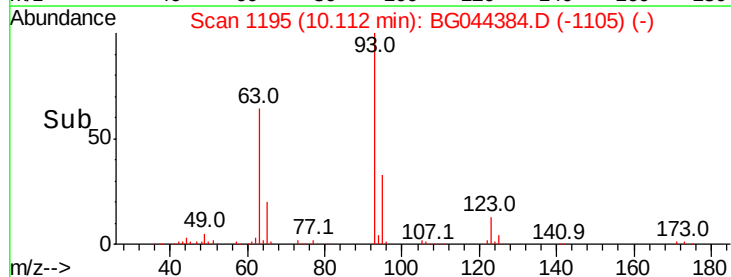
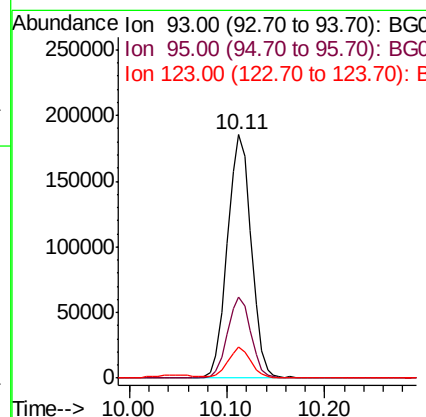
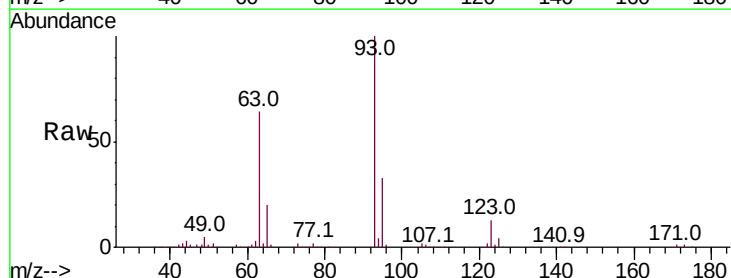
Manual Integrations
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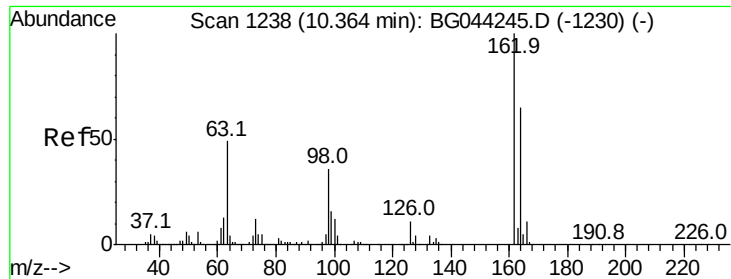
mohammad
2/13/2020 10:29:37 AM



#28
bis(2-Chloroethoxy)methane
Concen: 45.999 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	313242		
95	33.4	26.6	40.0	
123	12.8	10.0	15.0	





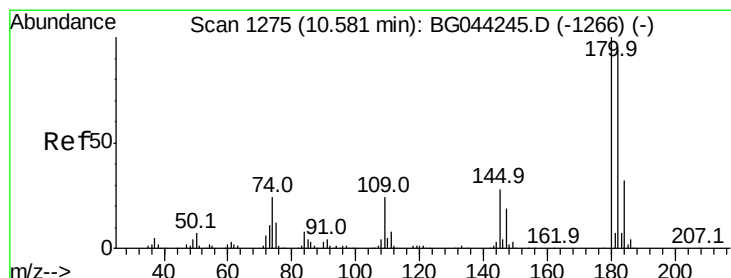
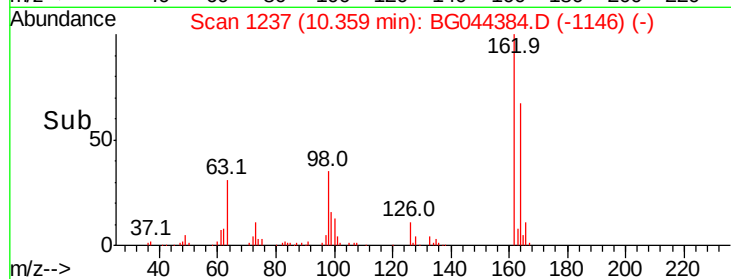
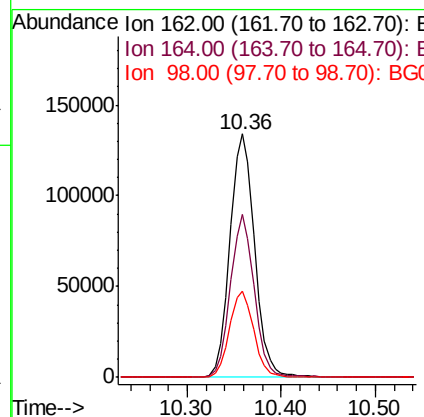
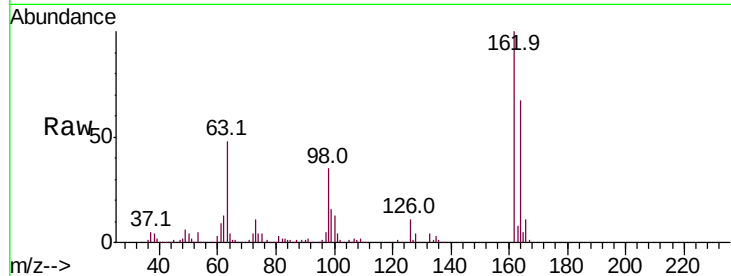
#29
 2,4-Dichlorophenol
 Concen: 51.566 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	244190		
164	67.0		44.7	84.7
98	35.4		15.8	55.8

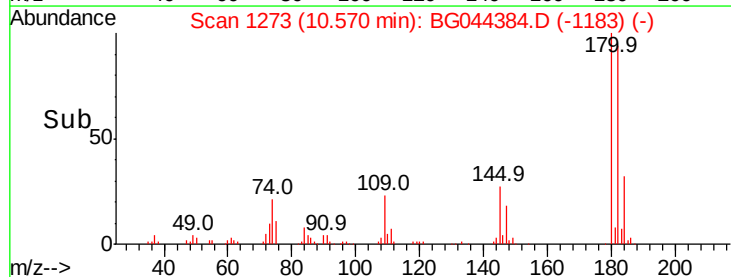
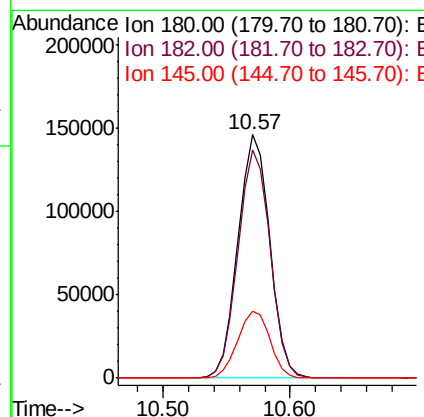
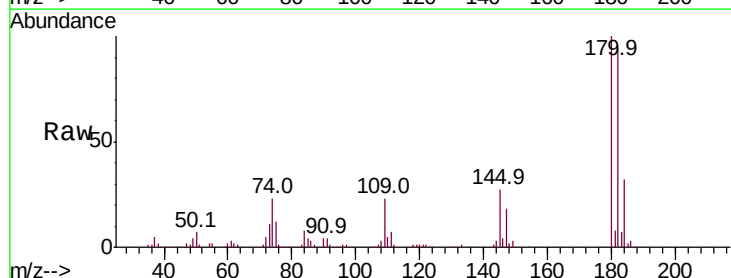
Manual Integrations
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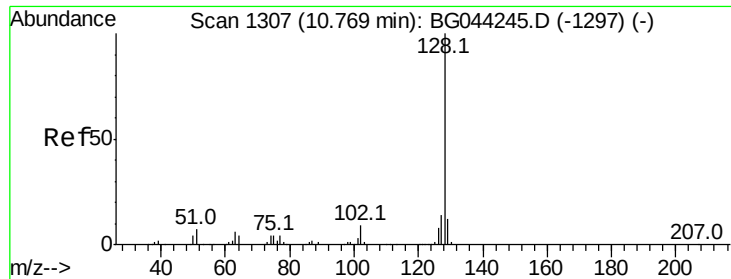
mohammad
 2/13/2020 10:29:37 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.578 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	252917		
182	93.7		75.5	113.3
145	27.5		22.6	34.0





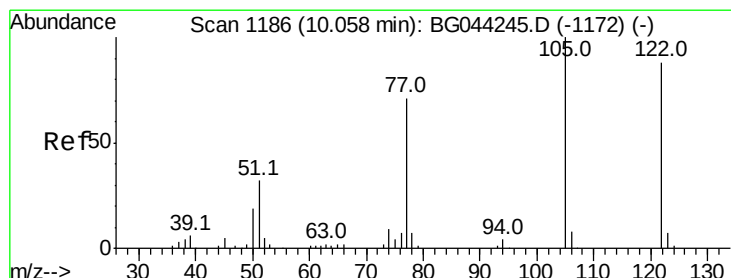
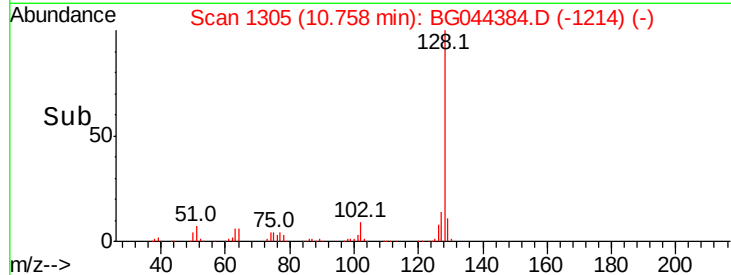
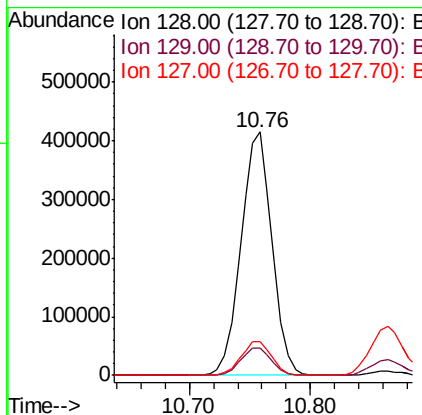
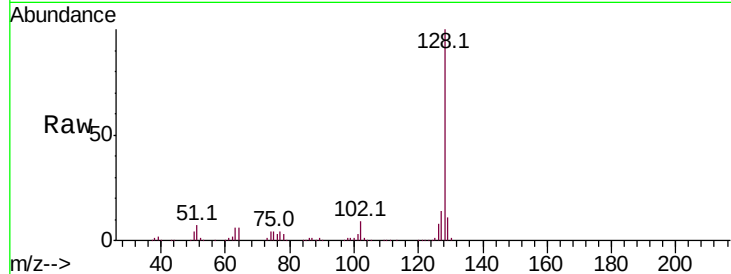
#31
Naphthalene
Concen: 49.084 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.3	13.9	
127	14.1	11.6	17.4	

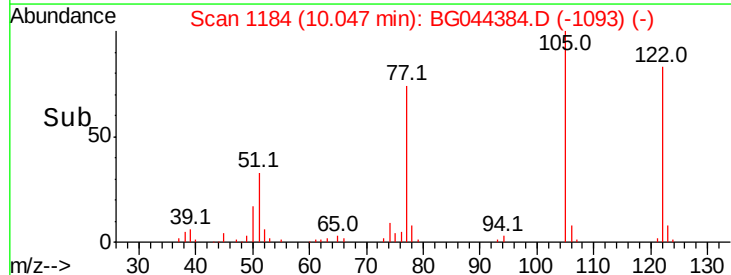
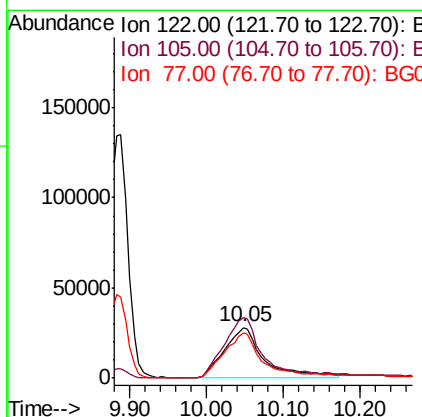
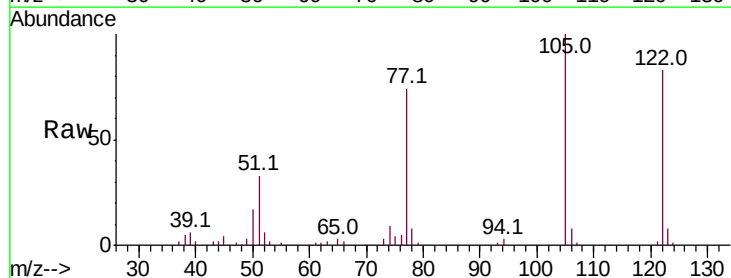
Manual Integrations
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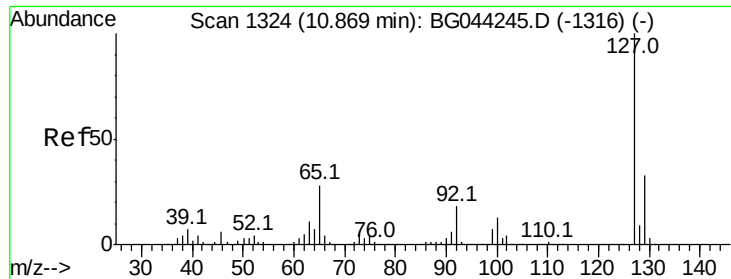
mohammad
2/13/2020 10:29:37 AM



#32
Benzoic acid
Concen: 41.282 ng
RT: 10.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.6	93.5	133.5	
77	88.7	61.0	101.0	





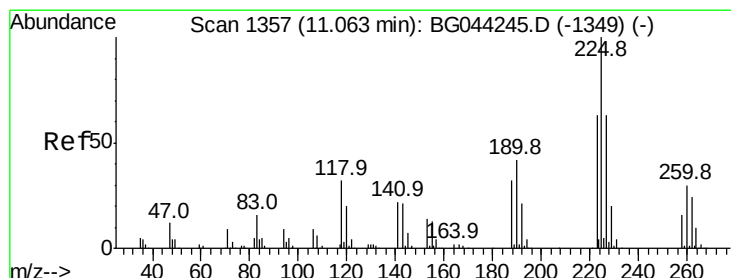
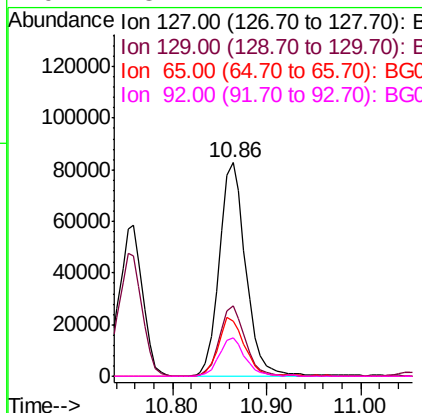
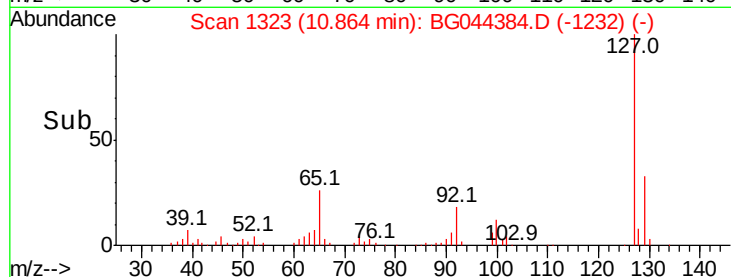
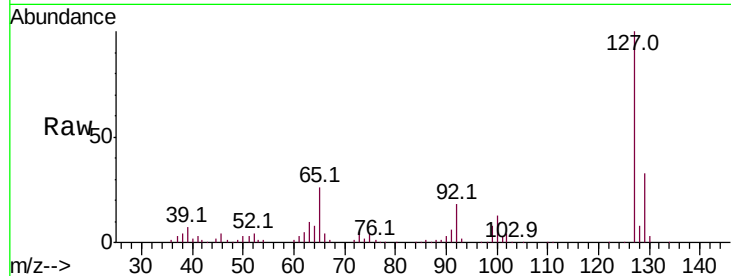
#33
4-Chloroaniline
Concen: 23.855 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.6	40.0
65	25.7	22.5	33.7
92	18.2	14.1	21.1

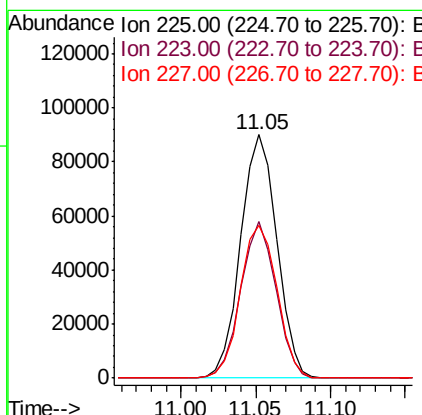
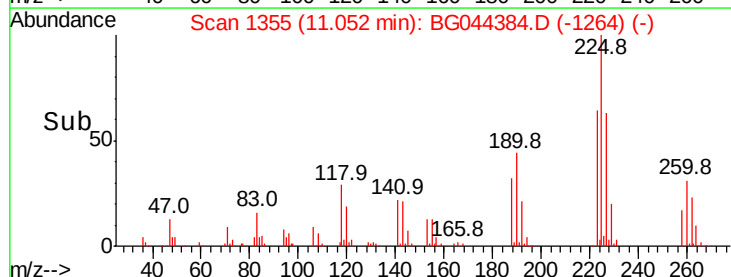
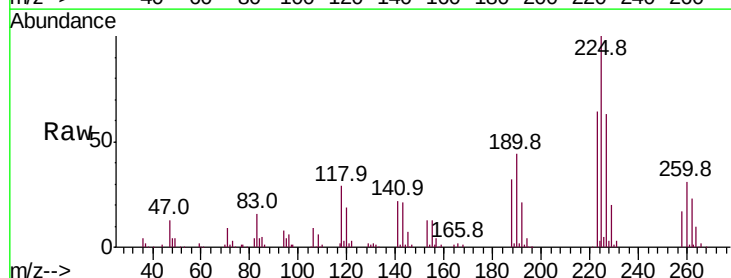
Manual Integrations
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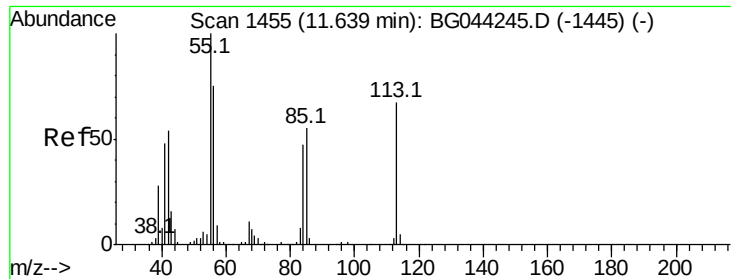
mohammad
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#34
Hexachlorobutadiene
Concen: 45.425 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.4
227	62.9	50.8	76.2





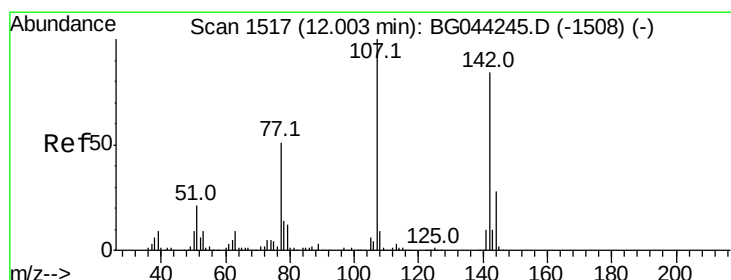
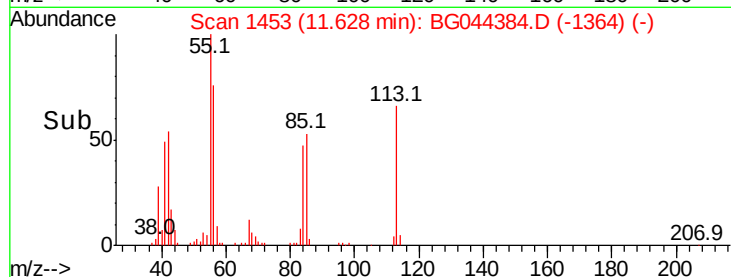
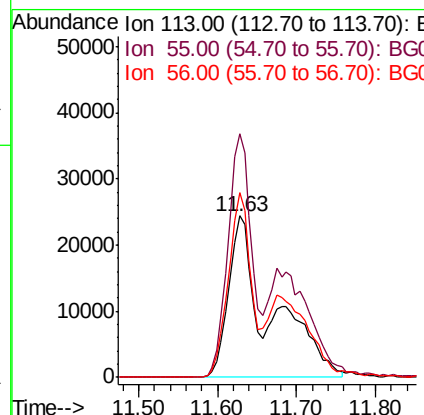
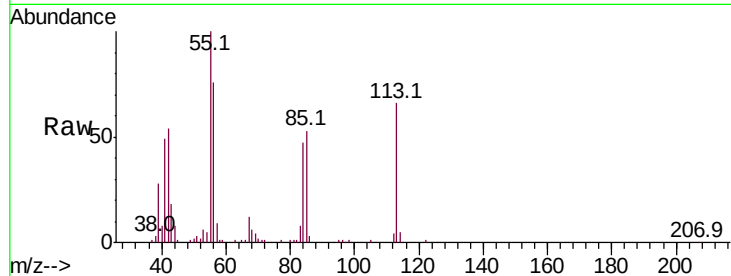
#35
 Caprolactam
 Concen: 50.730 ng/ml
 RT: 11.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Instrument :
 BNA_G
 ClientSampleID :
 PB126703BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.9	129.9	169.9
56	114.5	92.5	132.5

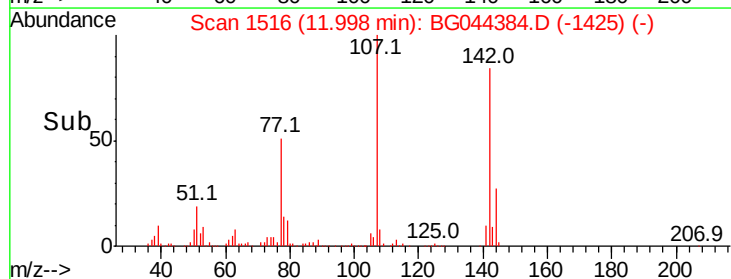
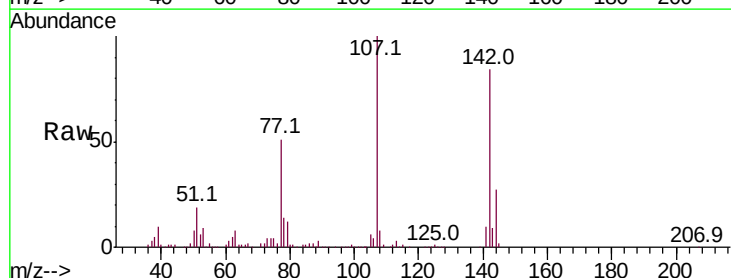
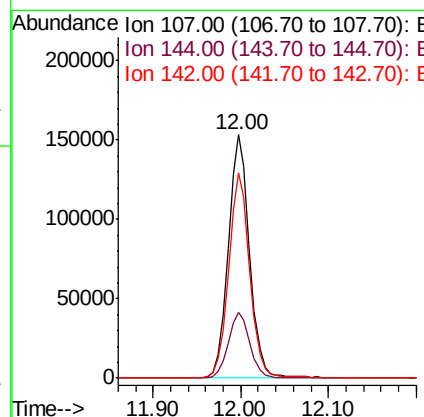
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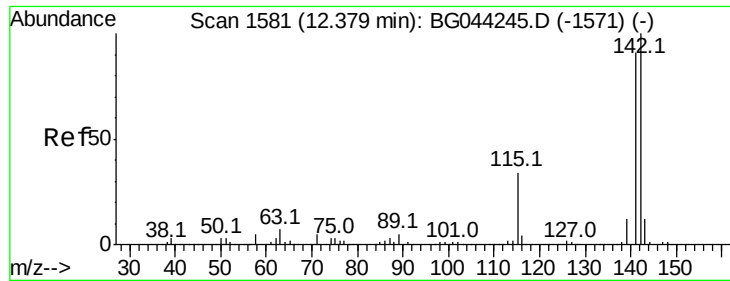
mohammad
 2/13/2020 10:29:37 AM



#36
 4-Chloro-3-methylphenol
 Concen: 51.294 ng/ml
 RT: 12.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	22.2	33.4
142	84.2	67.4	101.0





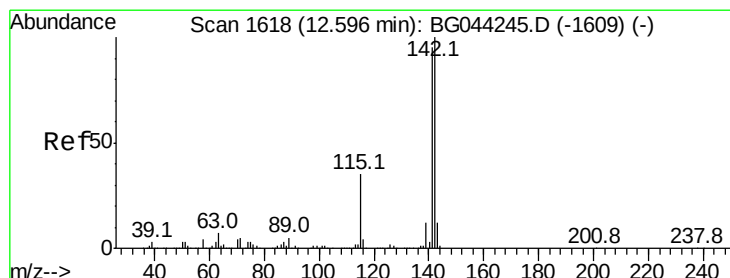
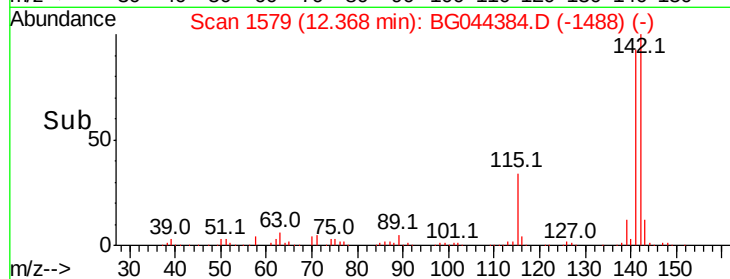
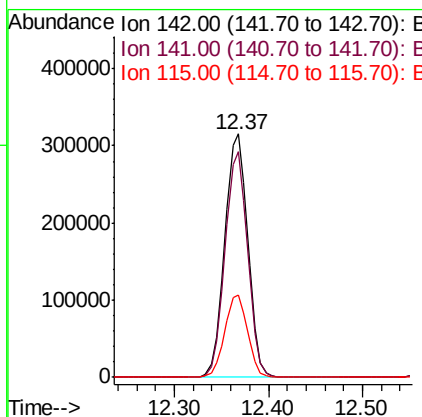
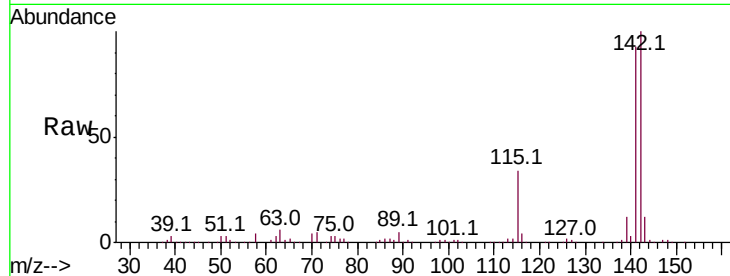
#37
2-Methylnaphthalene
Concen: 48.199 ng
RT: 12.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.2	109.8
115	33.9	27.1	40.7

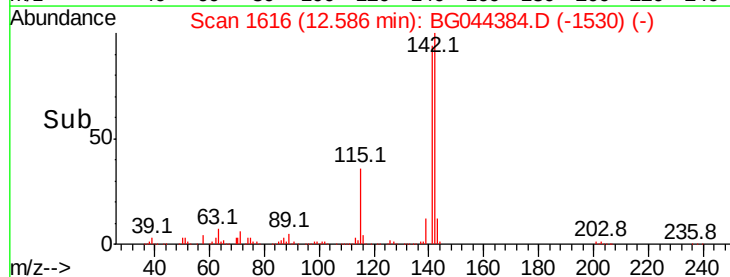
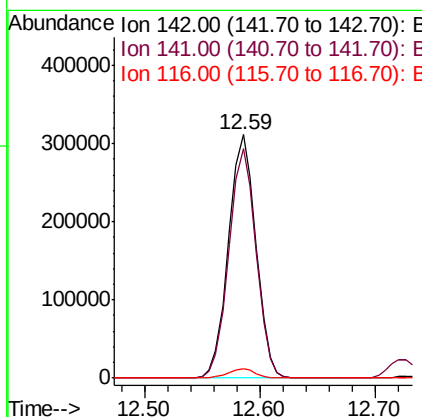
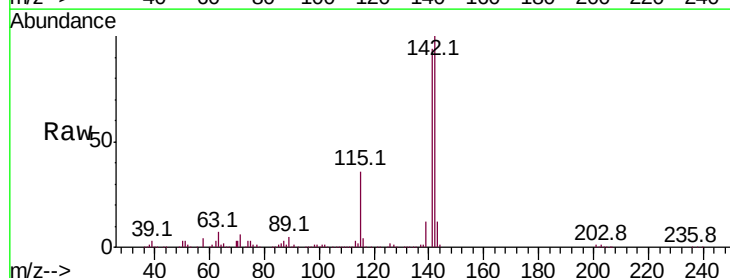
Manual Integrations
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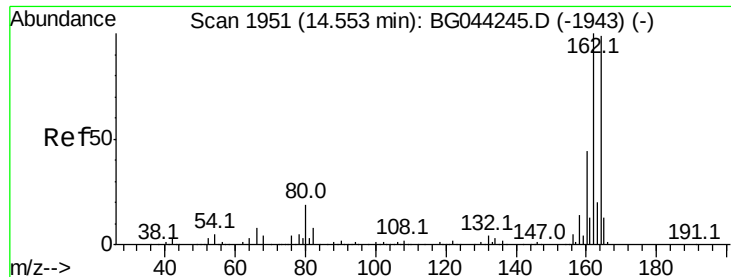
mohammad
2/13/2020 10:29:37 AM



#38
1-Methylnaphthalene
Concen: 48.758 ng
RT: 12.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.8	113.6
116	3.7	3.1	4.7





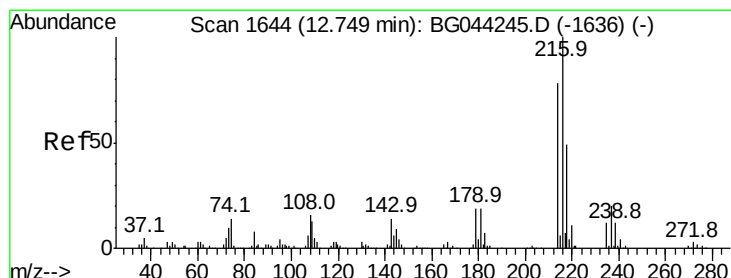
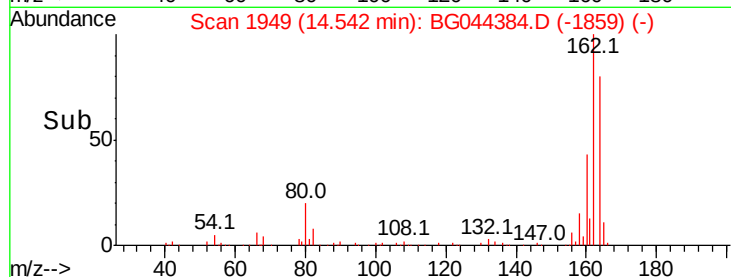
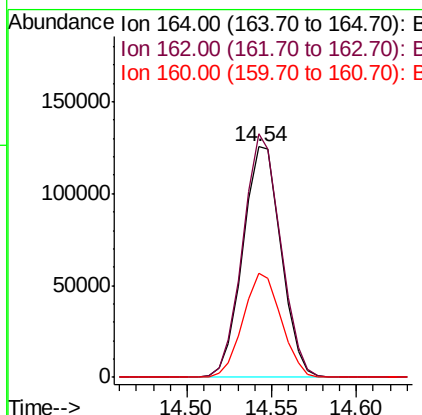
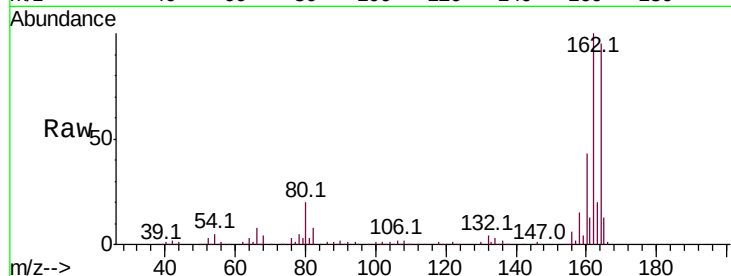
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.6	80.7	121.1
160	45.3	35.3	52.9

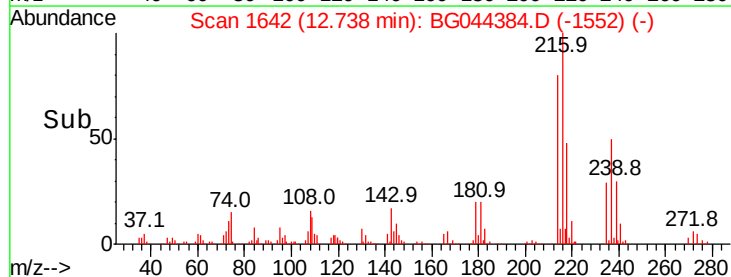
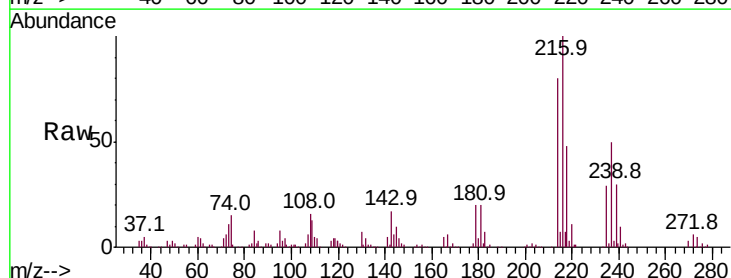
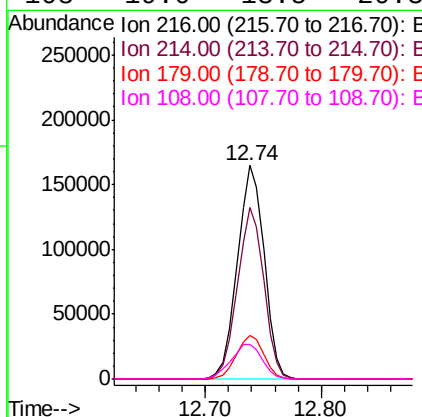
Manual Integrations
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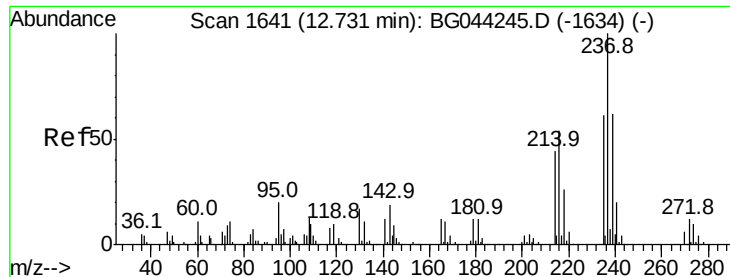
mohammad
2/13/2020 10:29:37 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.687 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.6
179	20.7	16.2	24.4
108	19.0	13.5	20.3





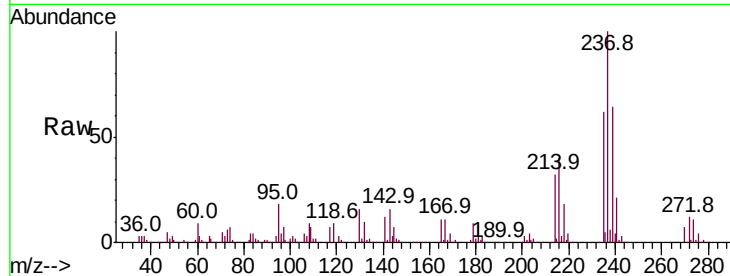
#41
Hexachlorocyclopentadiene
Concen: 115.948 ng
RT: 12.73 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	41.2	81.2
272	12.4	0.0	32.4

Manual Integrations
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2/13/2020 10:29:37 AM

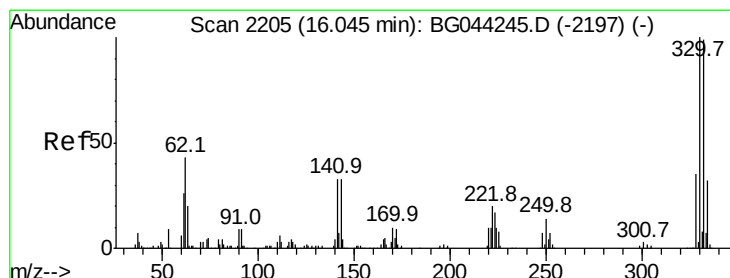
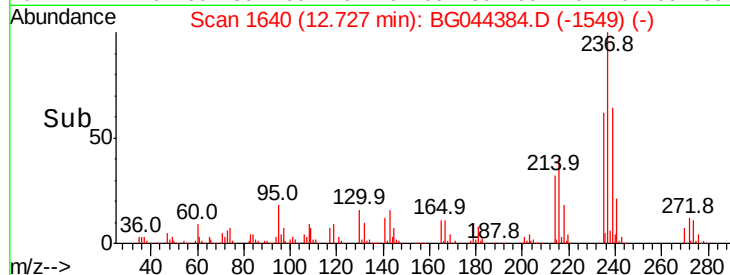
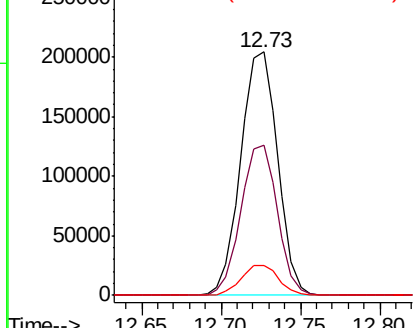


Abundance

Ion 236.80 (236.50 to 237.50): E

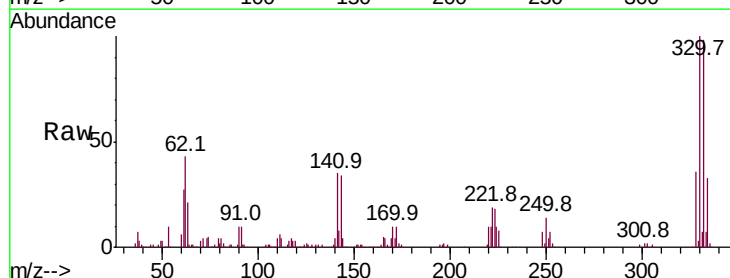
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 91.911 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.7	77.2	115.8
141	35.0	28.3	42.5

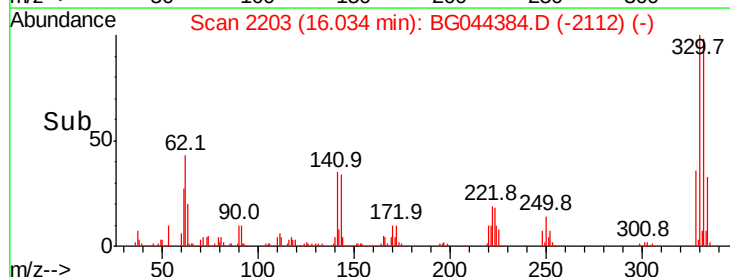
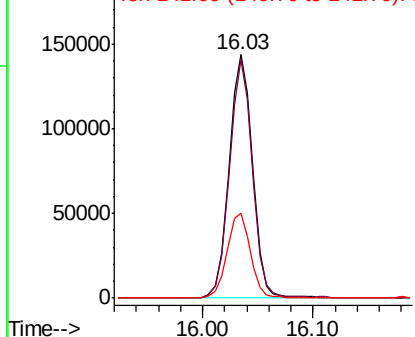


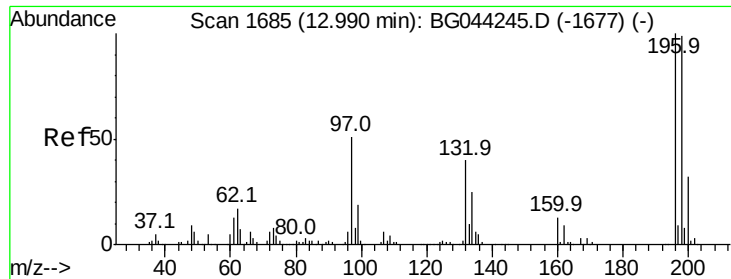
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





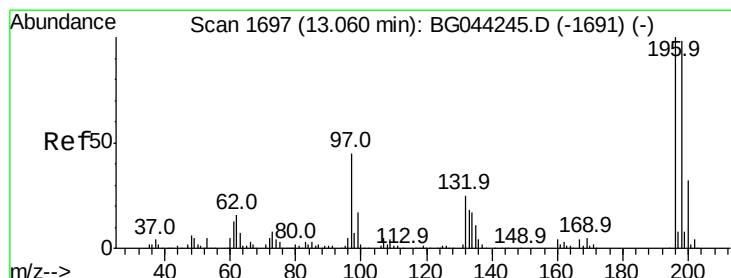
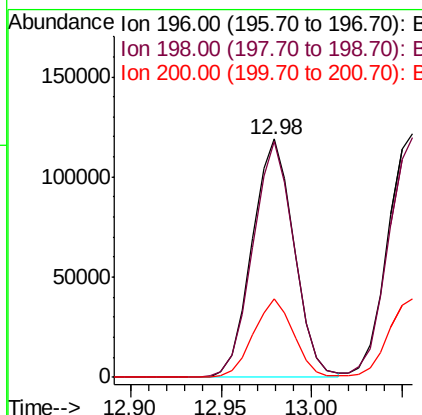
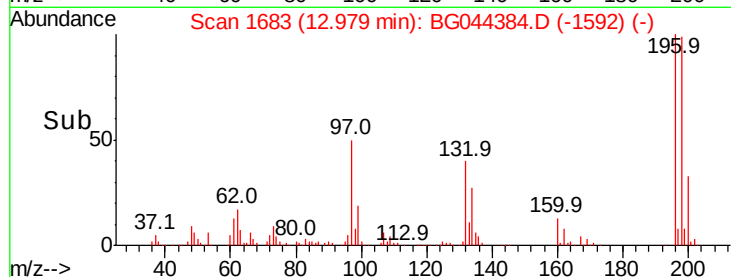
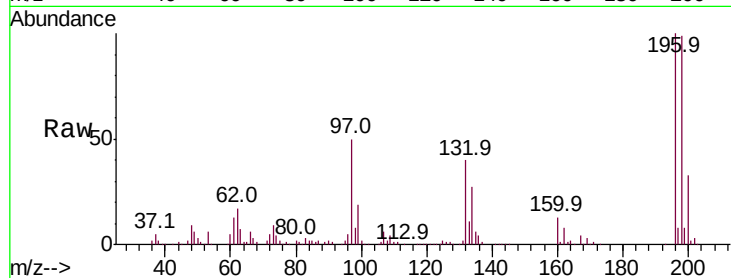
#43
 2,4,6-Trichlorophenol
 Concen: 49.838 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	190965		
198	99.0	79.3	118.9	
200	32.8	25.7	38.5	

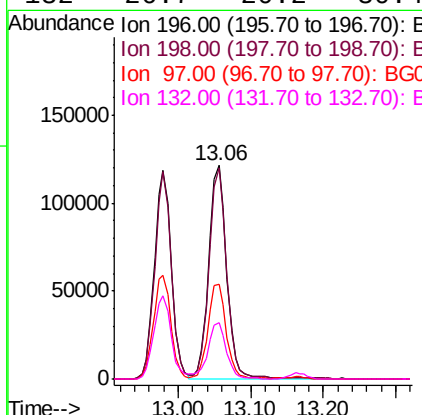
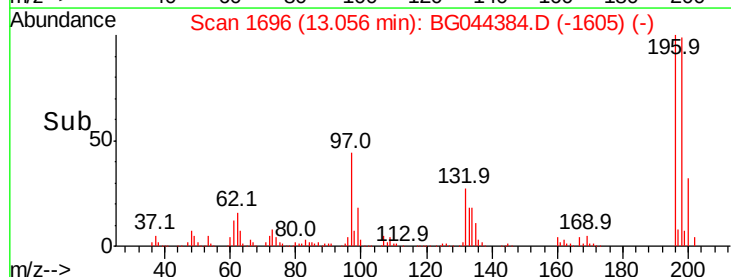
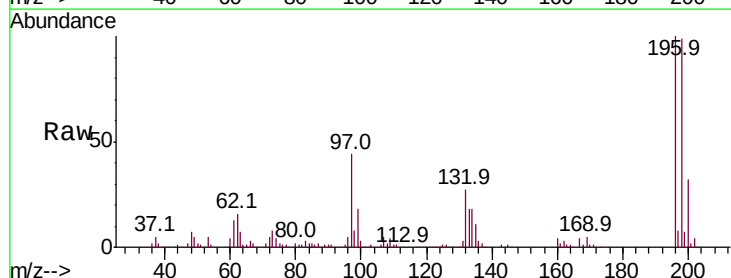
Manual Integrations
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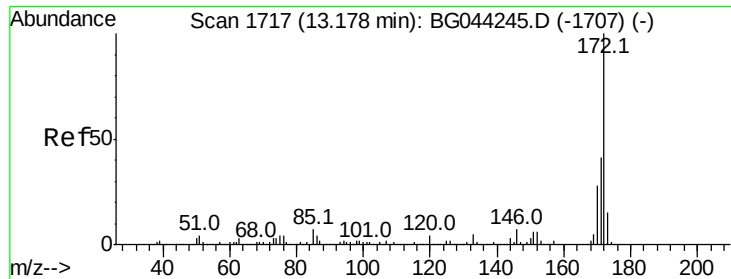
mohammad
 2/13/2020 10:29:37 AM



#44
 2,4,5-Trichlorophenol
 Concen: 53.605 ng
 RT: 13.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209796		
198	98.7	78.2	117.2	
97	44.1	36.2	54.4	
132	26.7	20.2	30.4	





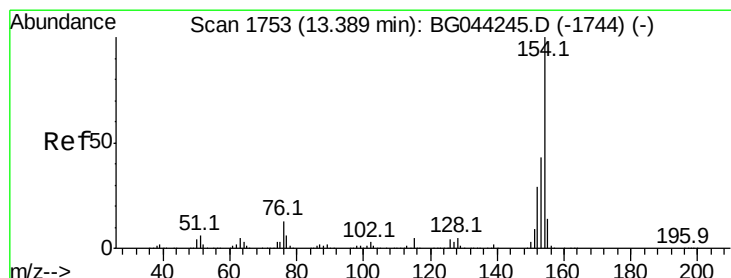
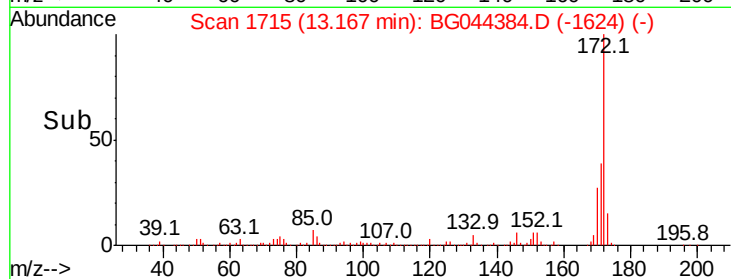
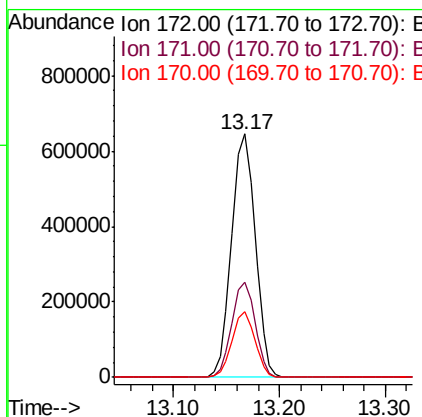
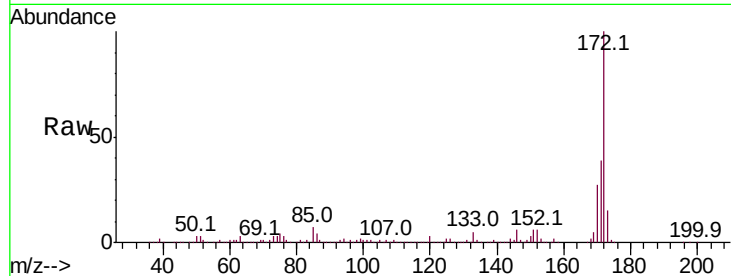
#45
 2-Fluorobiphenyl
 Concen: 84.429 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	999168		
171	38.9		32.9	49.3
170	26.9		22.0	33.0

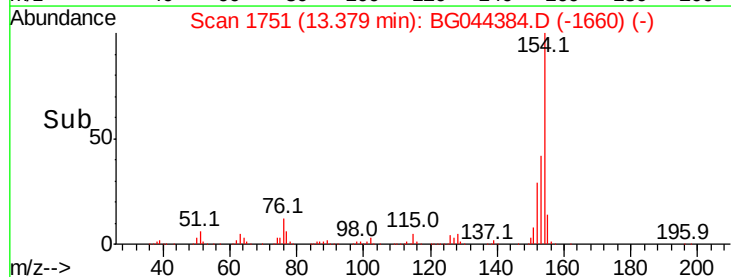
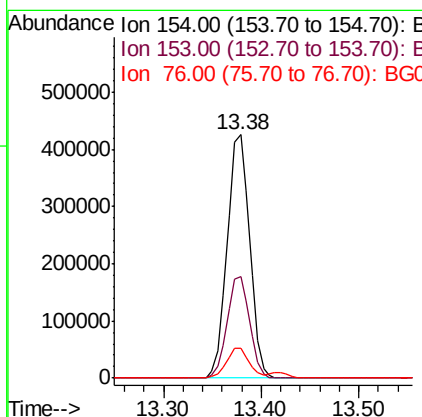
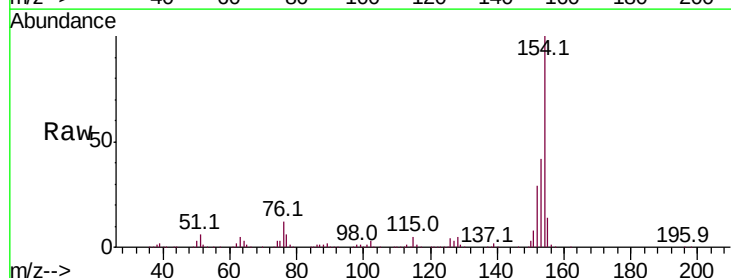
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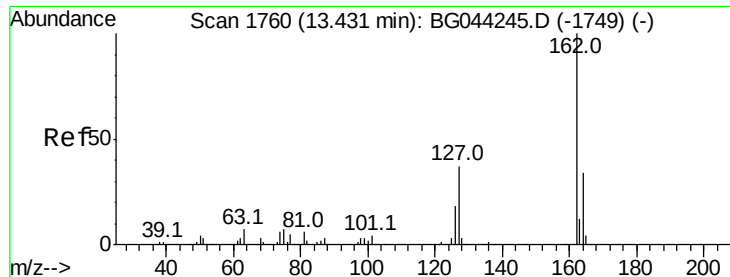
mohammad
 2/13/2020 10:29:37 AM



#46
 1,1'-Biphenyl
 Concen: 47.585 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	680203		
153	41.8		22.7	62.7
76	12.4		0.0	32.9





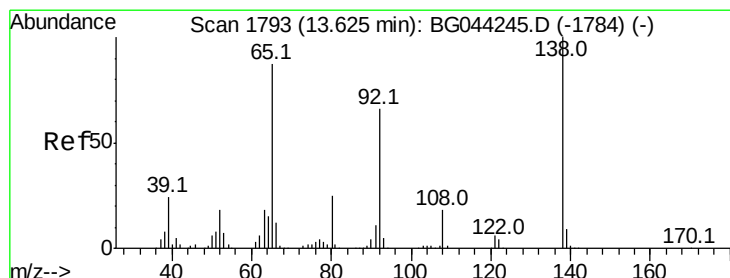
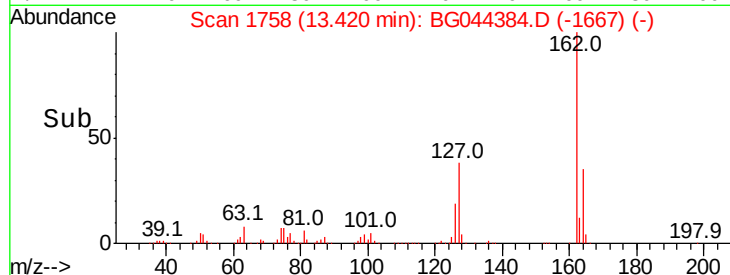
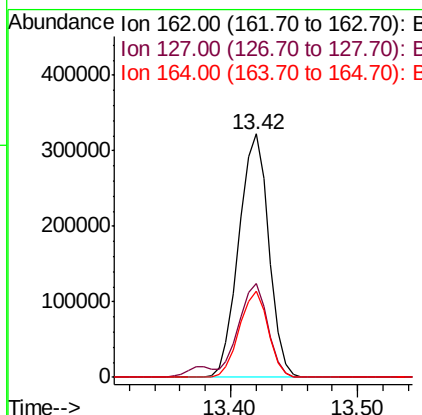
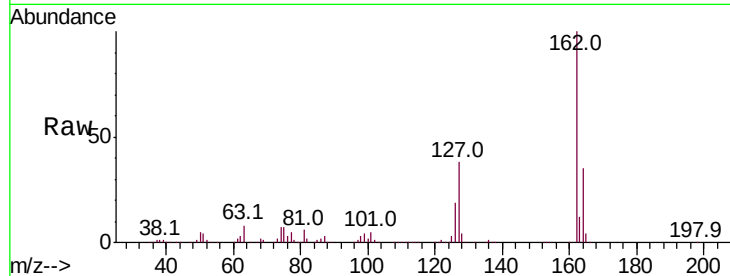
#47
2-Chloronaphthalene
Concen: 46.351 ng
RT: 13.42 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	30.0	45.0
164	35.4	27.2	40.8

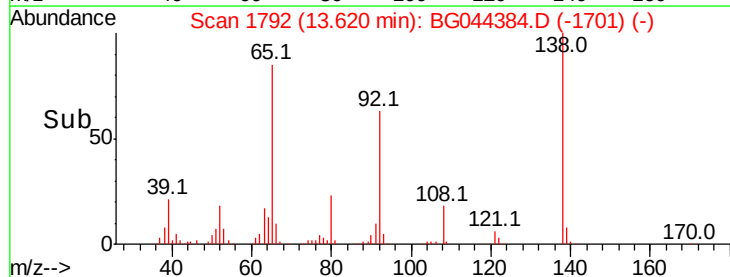
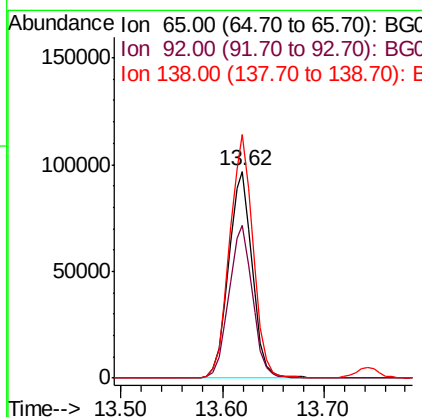
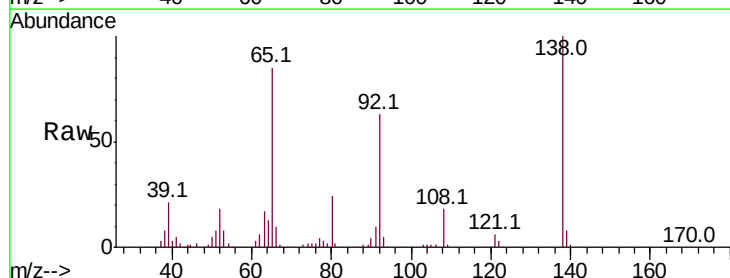
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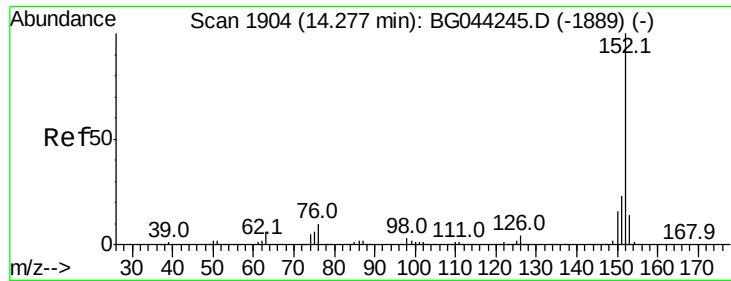
mohammad
2/13/2020 10:29:37 AM



#48
2-Nitroaniline
Concen: 46.490 ng
RT: 13.62 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	60.3	90.5
138	117.8	91.9	137.9





#49

Acenaphthylene

Concen: 50.273 ng

RT: 14.27 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

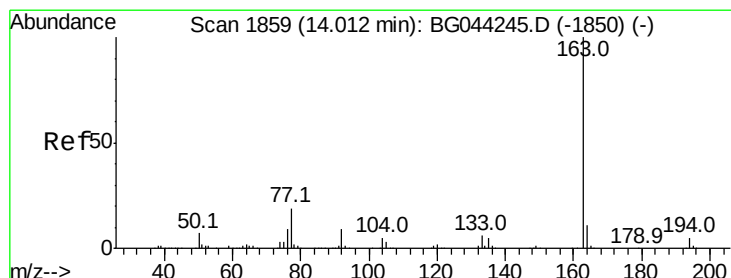
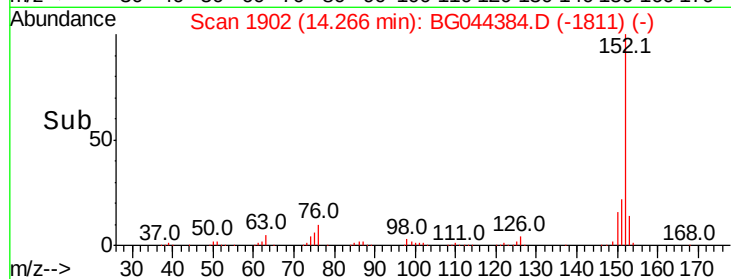
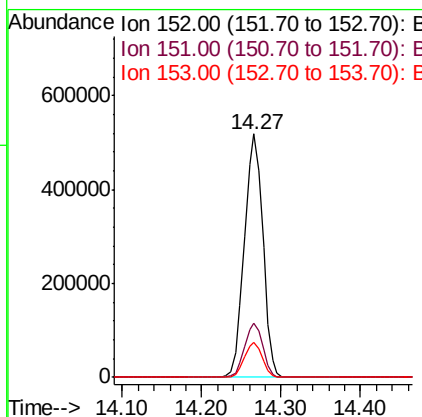
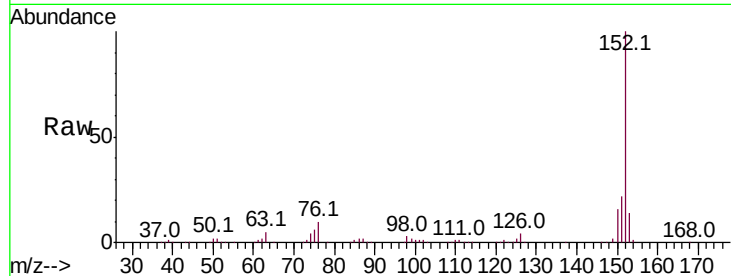
ClientSampleId :

PB126703BSD

Tot Ion:	152	Resp:	838744
Ion Ratio	Lower	Upper	
152	100		
151	22.4	18.1	27.1
153	14.3	11.5	17.3

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#50

Dimethylphthalate

Concen: 47.921 ng

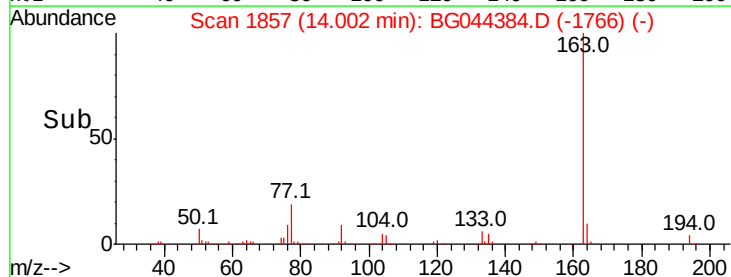
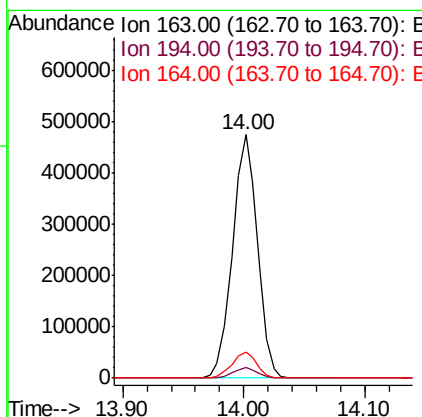
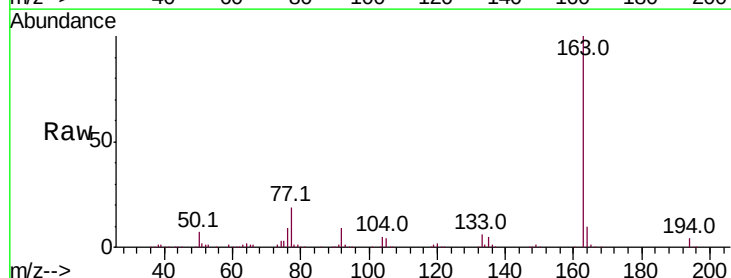
RT: 14.00 min Scan# 1857

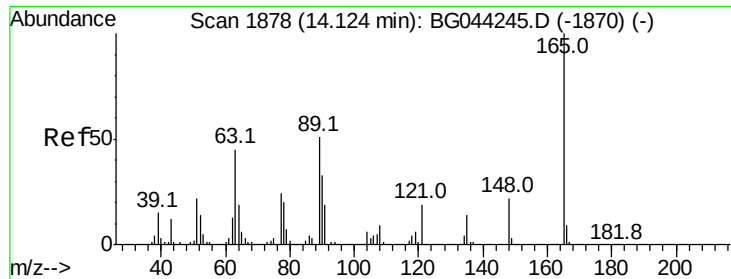
Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion:	163	Resp:	682650
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.4	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 49.373 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

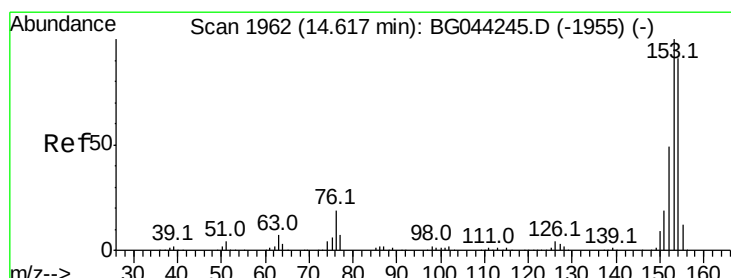
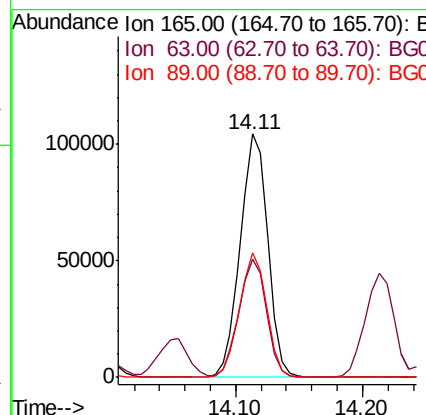
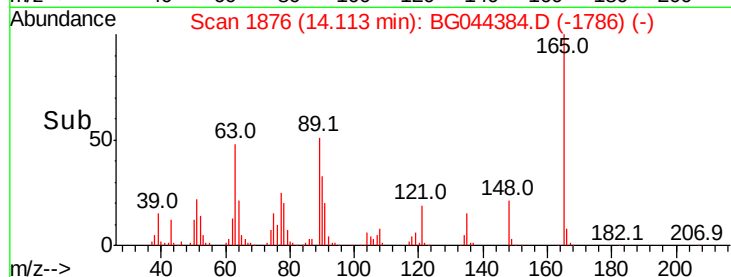
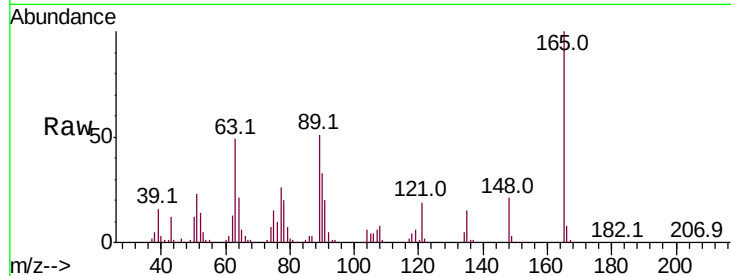
ClientSampled :

PB126703BSD

Tot Ion:	165	Resp:	156819
Ion Ratio	Lower	Upper	
165	100		
63	48.6	38.7	58.1
89	51.2	40.4	60.6

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#52

Acenaphthene

Concen: 47.601 ng

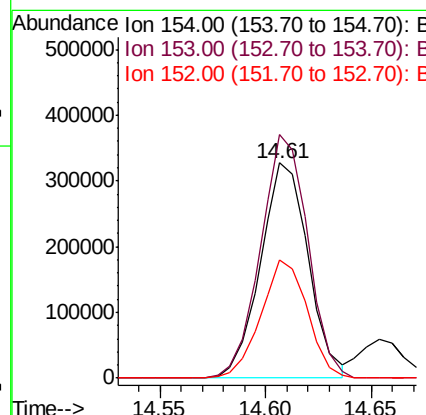
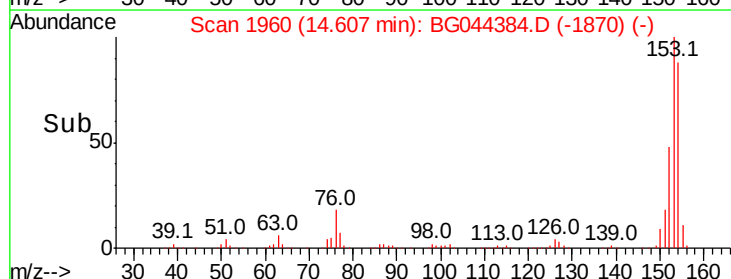
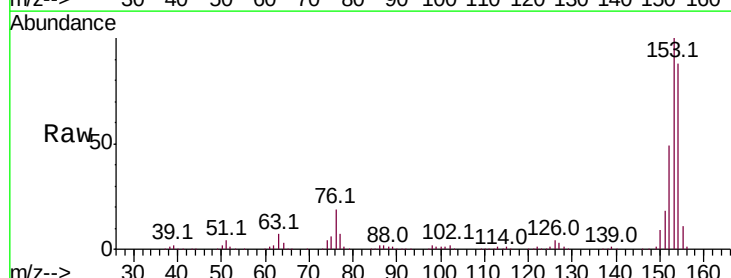
RT: 14.61 min Scan# 1960

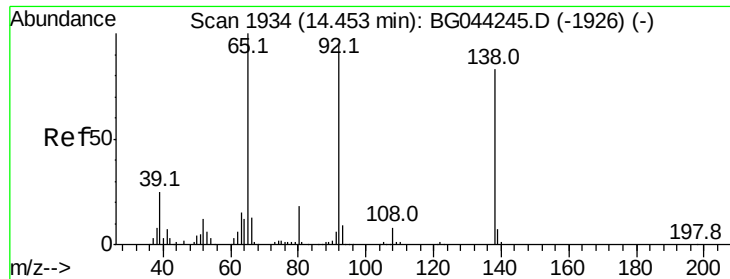
Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion:	154	Resp:	514756
Ion Ratio	Lower	Upper	
154	100		
153	113.2	87.9	131.9
152	54.9	43.1	64.7





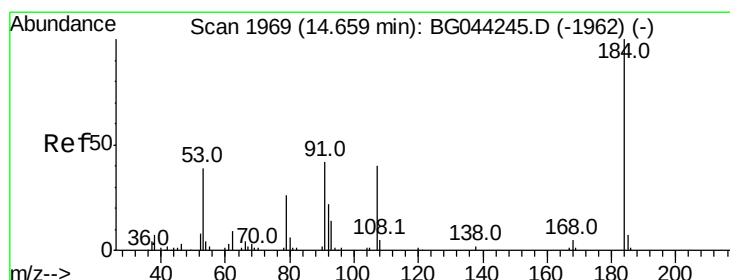
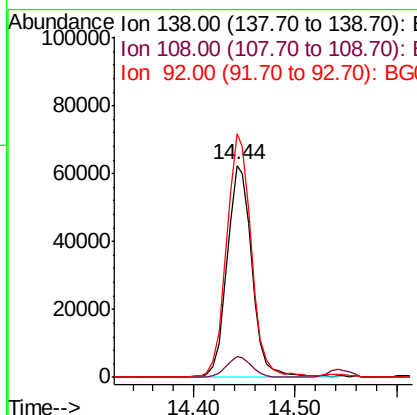
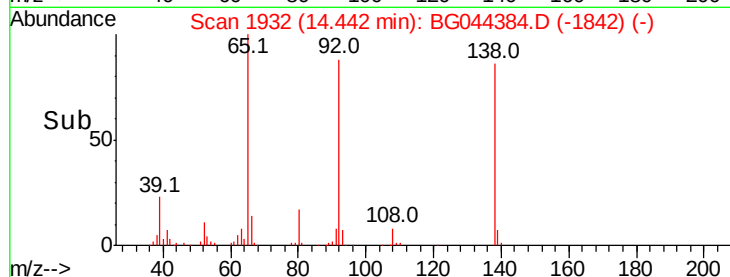
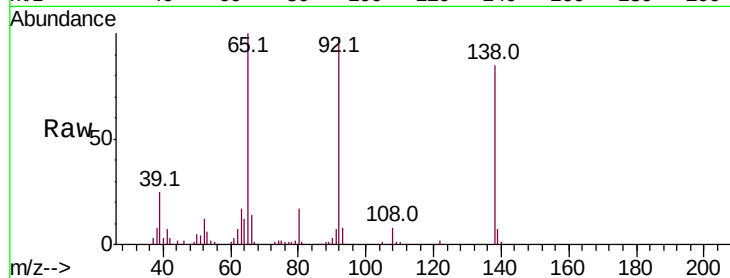
#53
3-Nitroaniline
Concen: 30.147 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	115.1	91.0	136.4

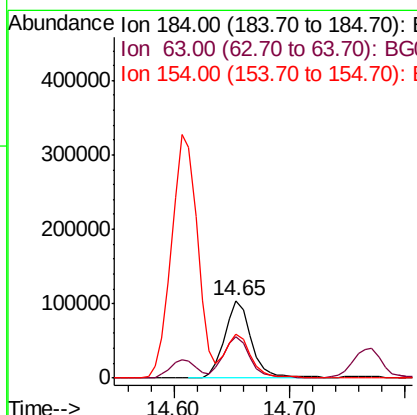
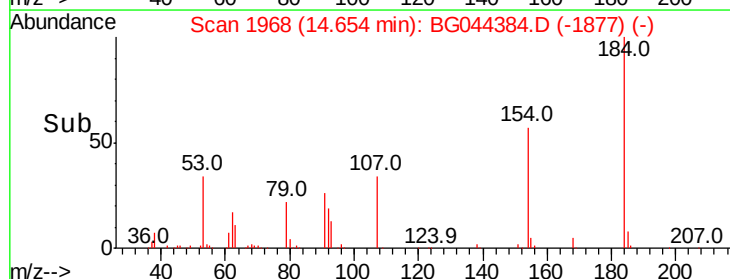
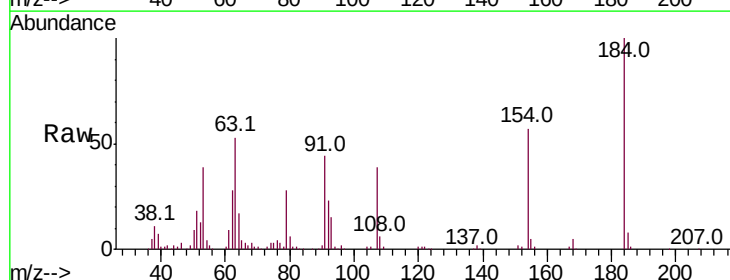
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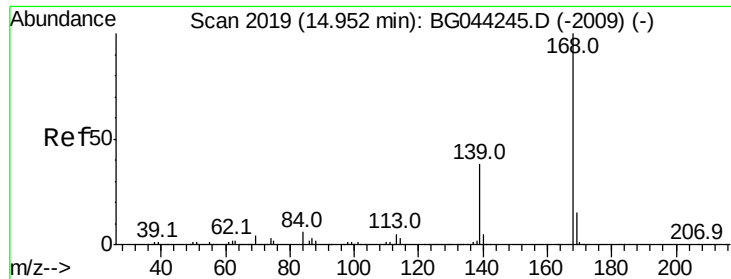
mohammad
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#54
2,4-Dinitrophenol
Concen: 88.286 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.5	44.1	66.1
154	56.6	45.4	68.0





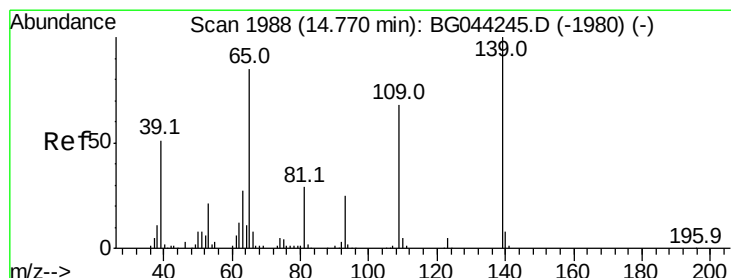
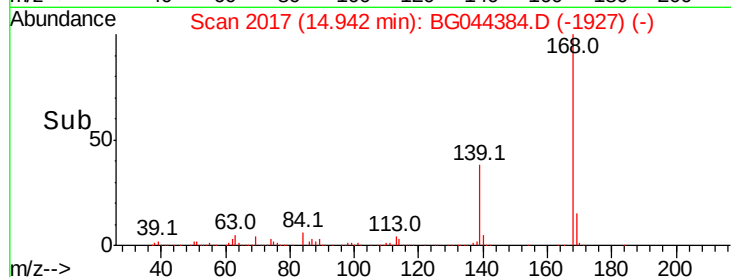
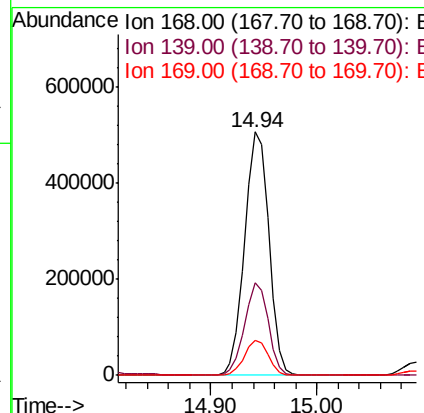
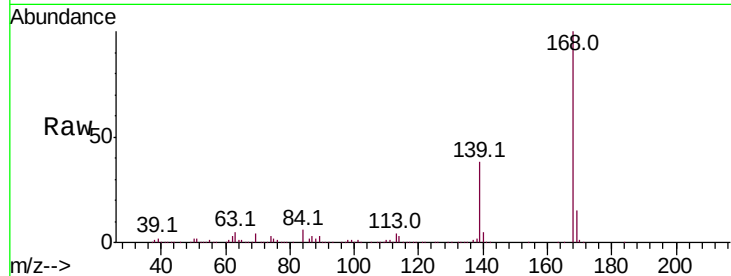
#55
Dibenzofuran
Concen: 49.063 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.5	45.7
169	14.6	11.7	17.5

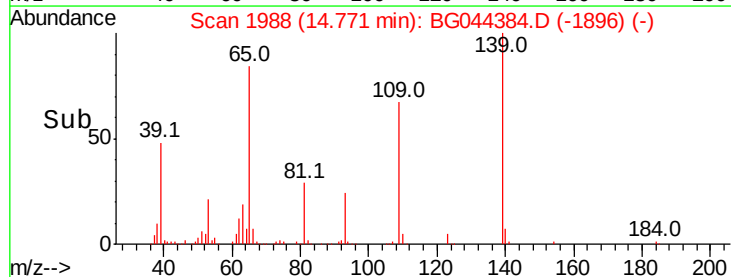
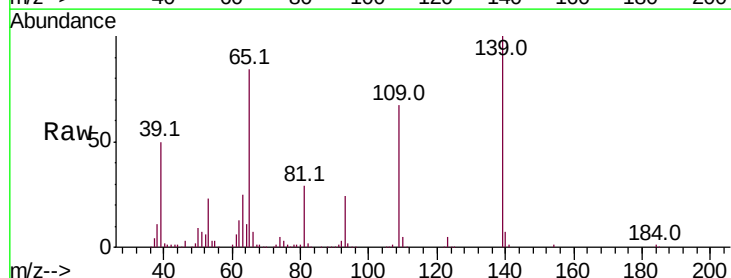
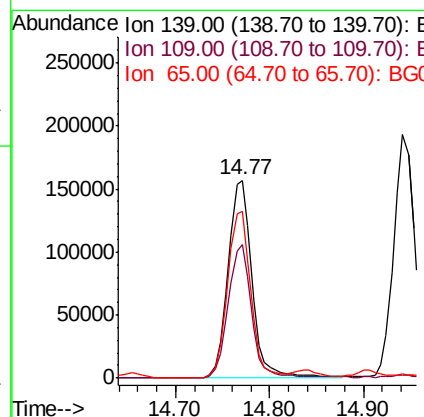
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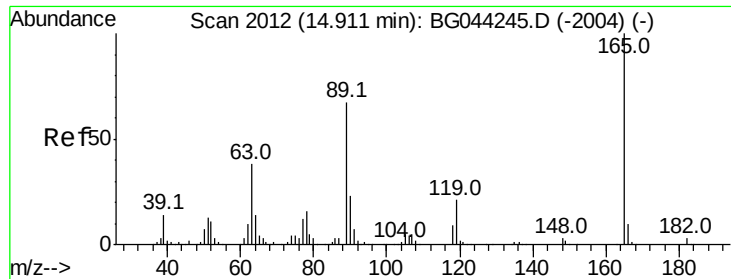
mohammad
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#56
4-Nitrophenol
Concen: 108.730 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	47.5	87.5
65	84.1	64.9	104.9





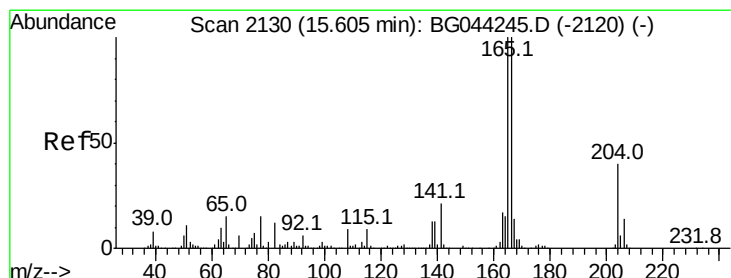
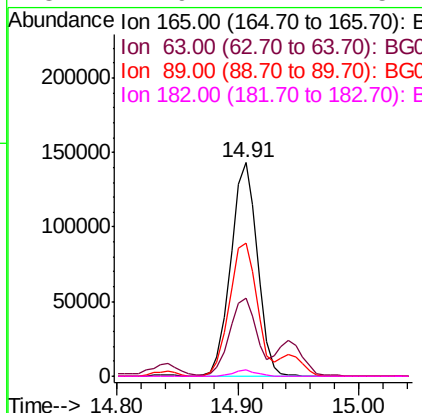
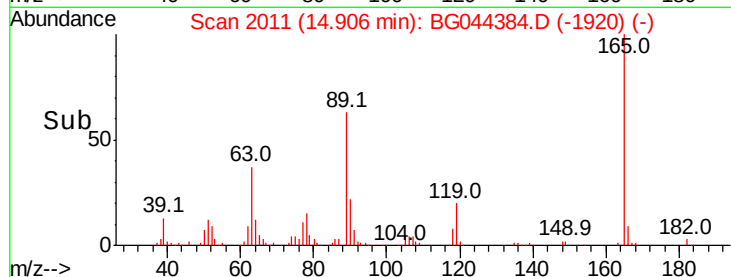
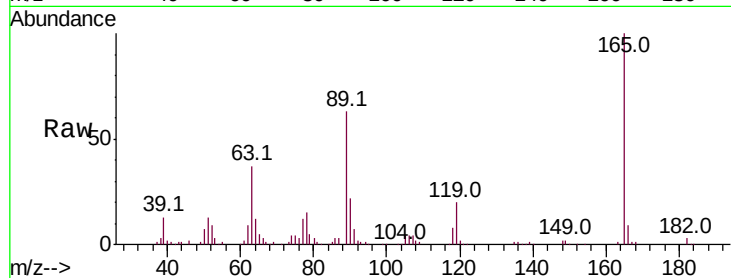
#57
2,4-Dinitrotoluene
Concen: 49.248 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	219238		
63	36.8	30.3	45.5	
89	62.6	53.4	80.2	
182	2.9	2.1	3.1	

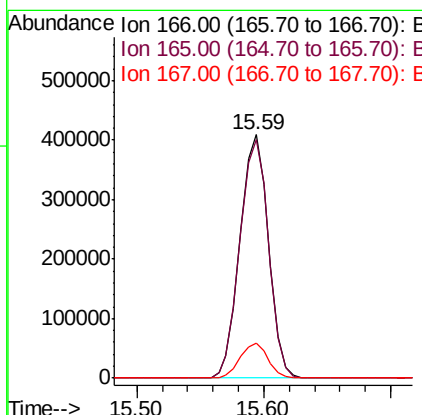
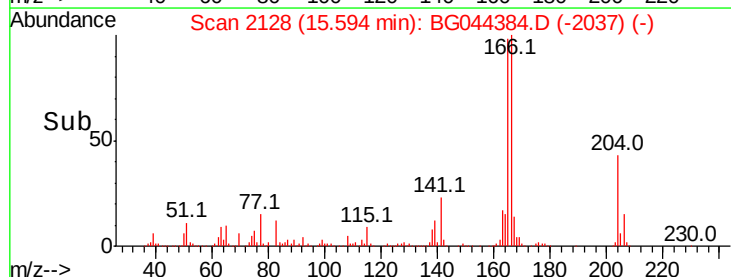
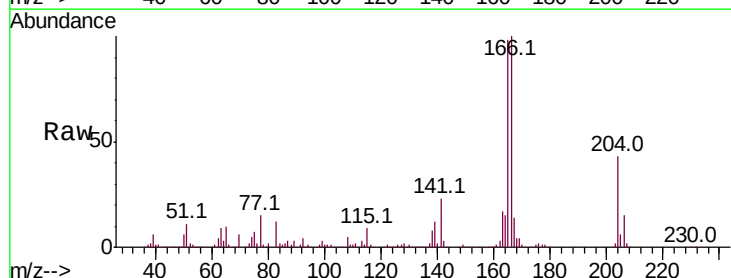
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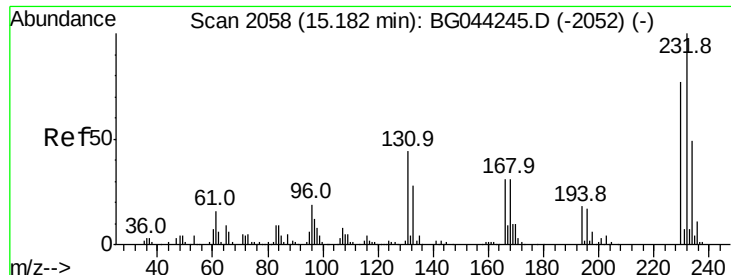
mohammad
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#58
Fluorene
Concen: 49.264 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	635289		
165	98.1	79.9	119.9	
167	14.4	11.4	17.0	





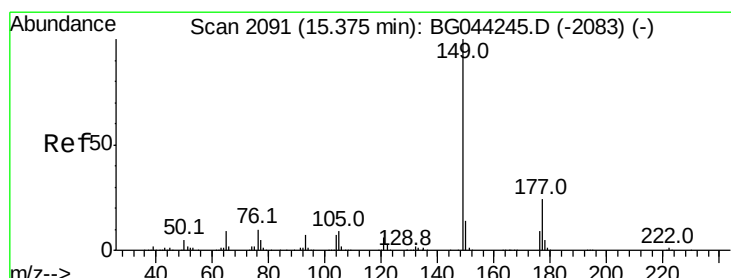
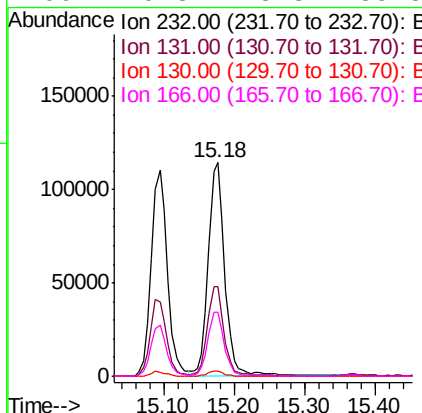
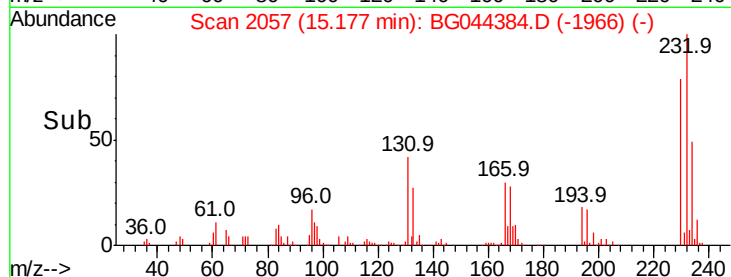
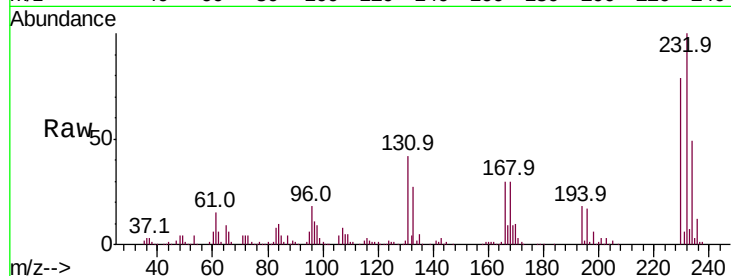
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.675 ng
 RT: 15.18 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	186212		
131	40.9		34.2	51.4
130	2.3		1.8	2.8
166	29.3		23.8	35.8

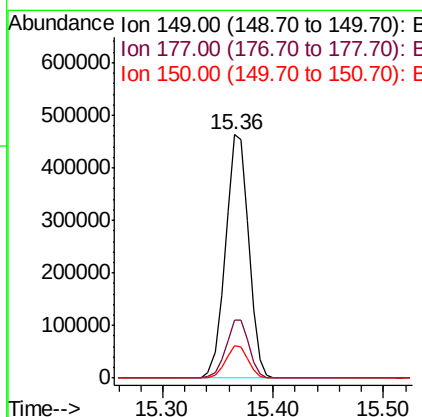
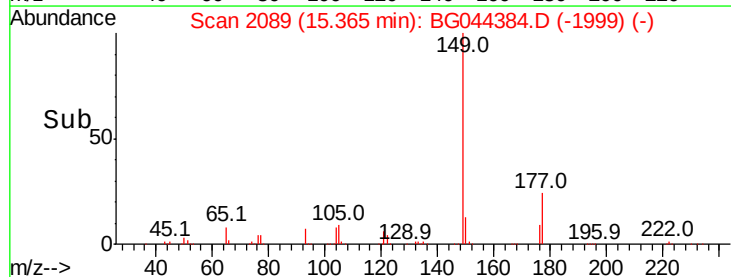
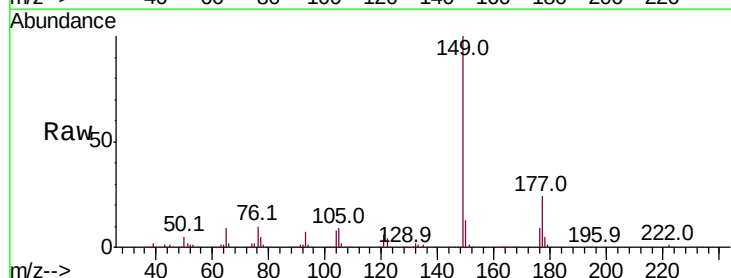
Manual Integrations
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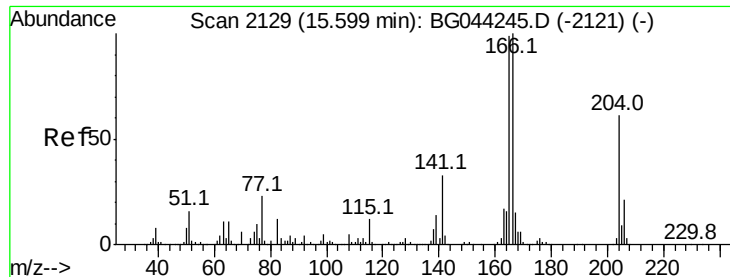
mohammad
 2/13/2020 10:29:37 AM



#60
 Diethylphthalate
 Concen: 47.821 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	678793		
177	23.7		19.4	29.0
150	13.2		10.9	16.3





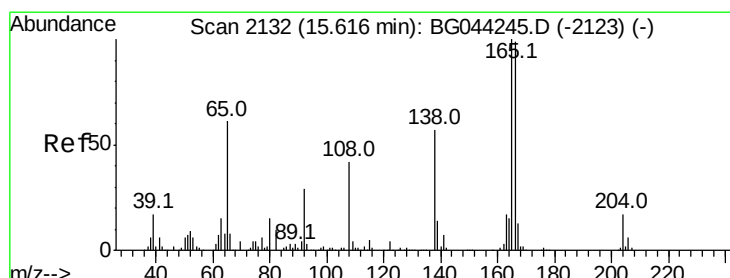
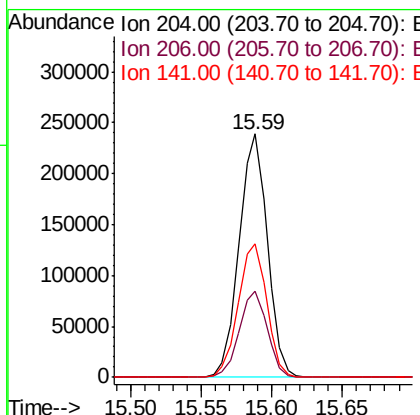
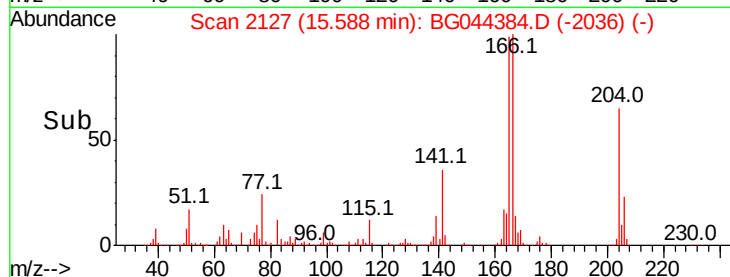
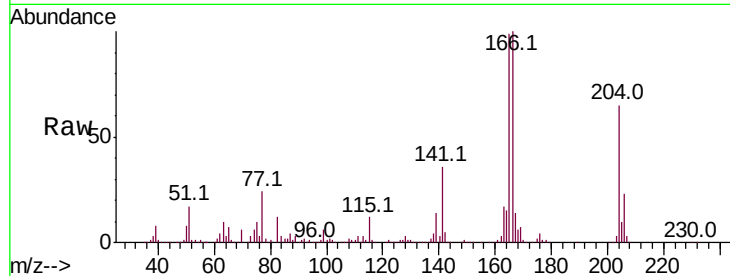
#61
4-Chlorophenyl-phenylether
Concen: 47.758 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	27.6	41.4
141	54.8	43.4	65.0

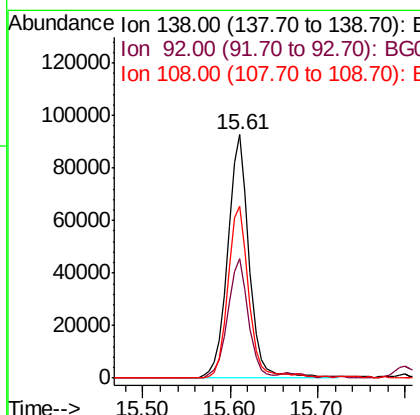
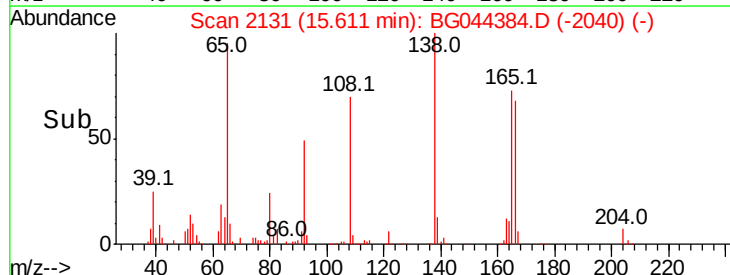
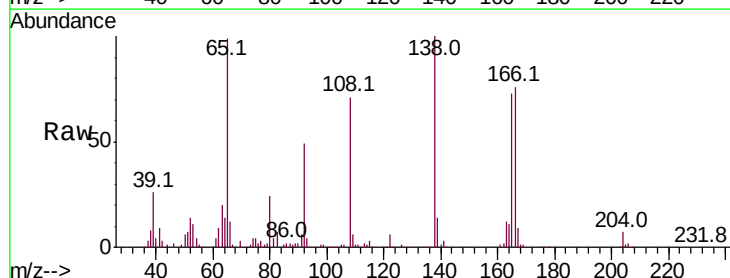
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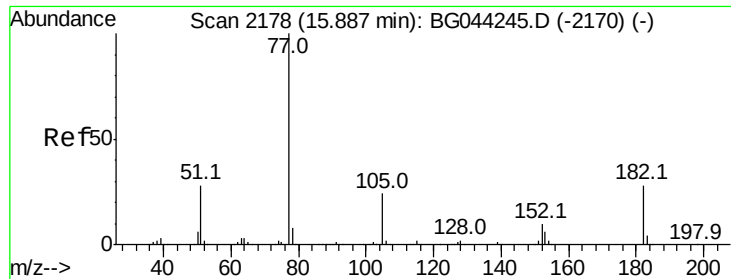
mohammad
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#62
4-Nitroaniline
Concen: 44.451 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	31.3	71.3
108	70.7	52.6	92.6





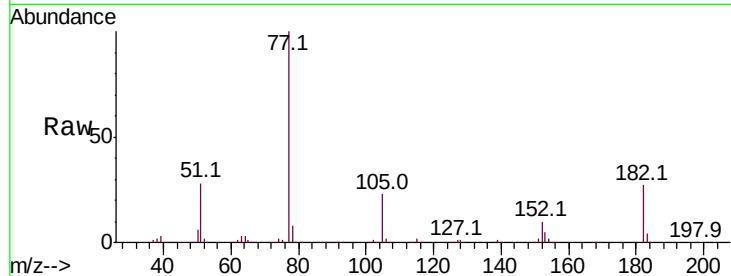
#63
Azobenzene
Concen: 49.210 ng
RT: 15.88 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

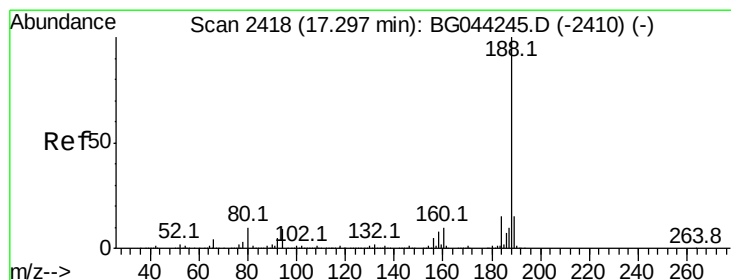
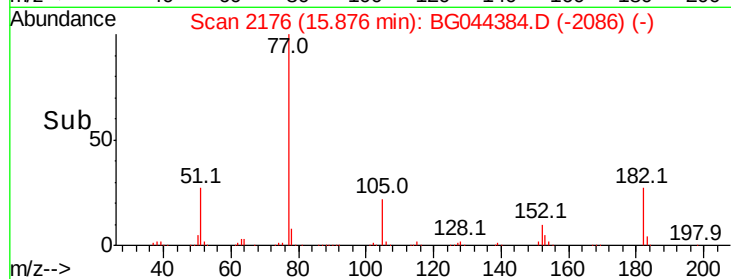
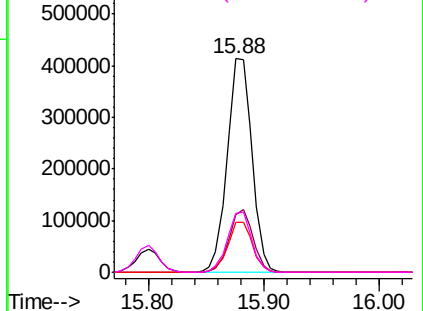
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		612184		
182	26.9	8.2	48.2		
105	23.1	3.6	43.6		
51	27.7	8.3	48.3		

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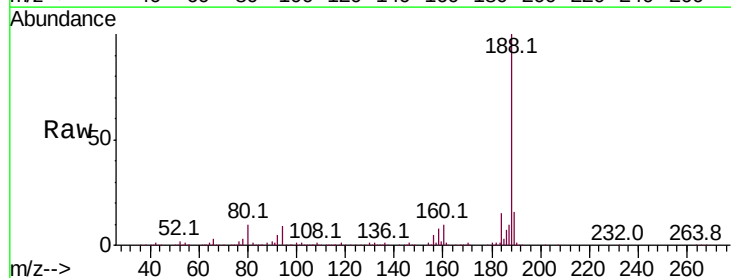


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

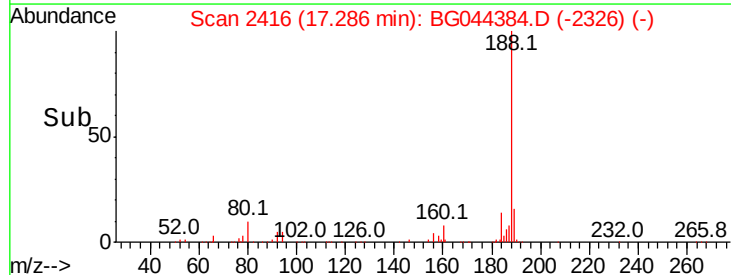
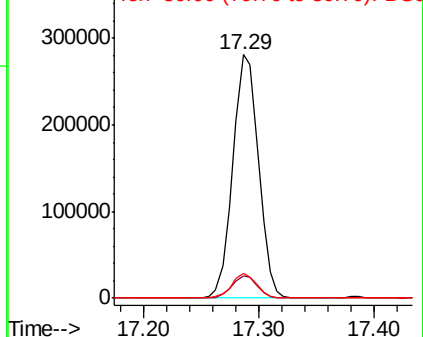


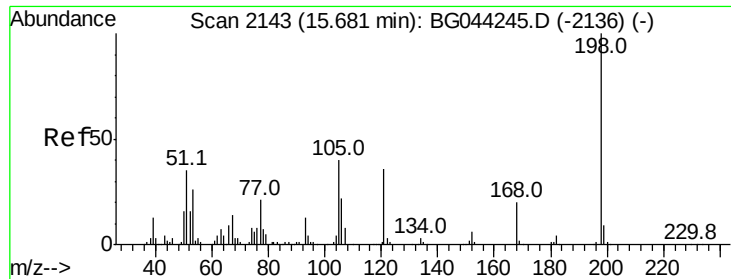
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		432466		
94	9.0	7.4	11.2		
80	10.4	7.7	11.5		



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





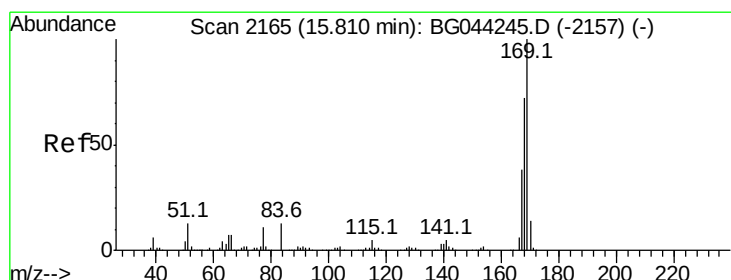
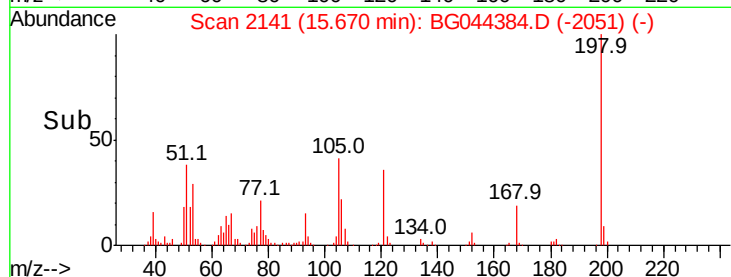
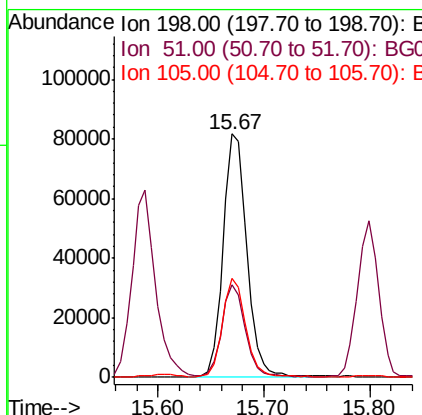
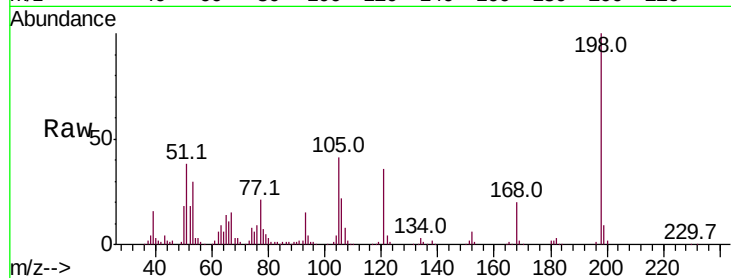
#65
4,6-Dinitro-2-methylphenol
Concen: 53.633 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.9	16.6	56.6
105	40.6	20.6	60.6

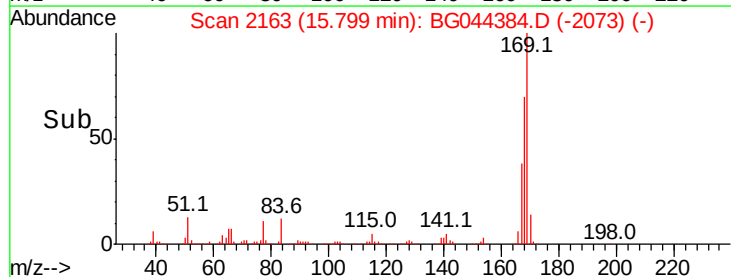
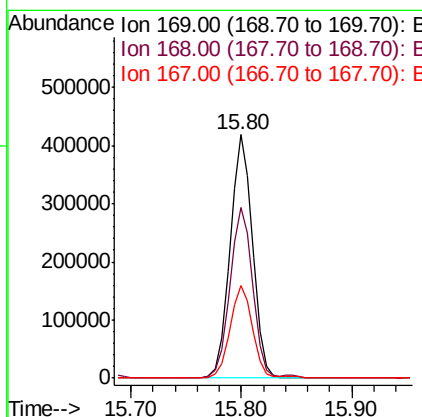
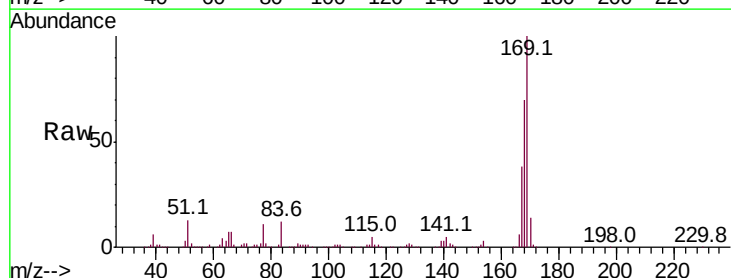
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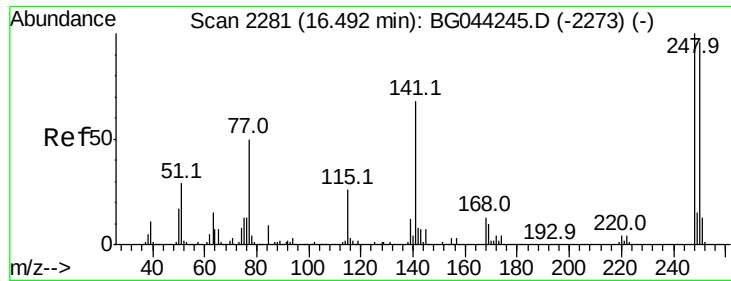
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 49.122 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.0	57.9	86.9
167	38.0	30.7	46.1





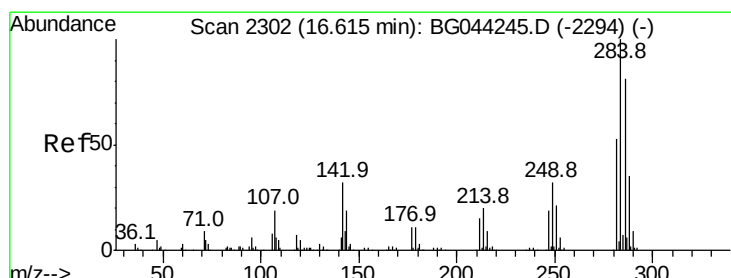
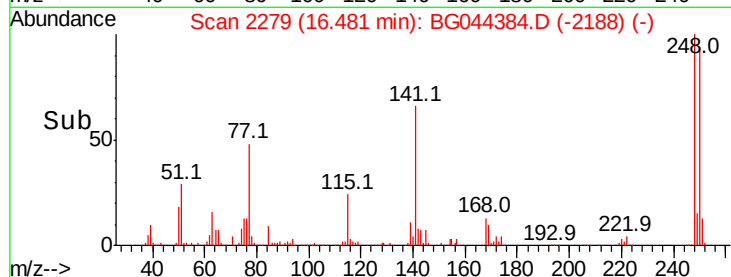
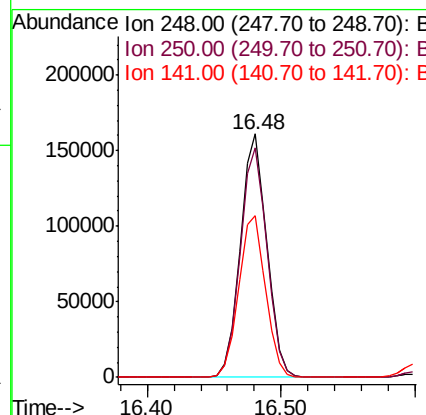
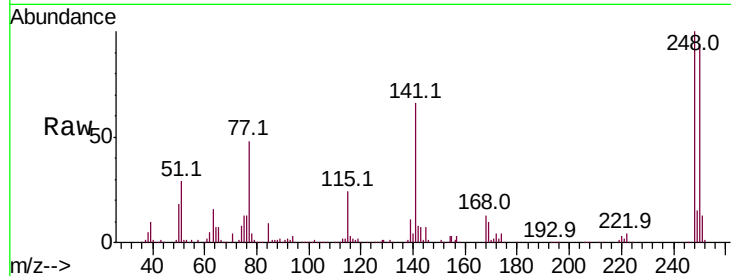
#67
 4-Bromophenyl-phenylether
 Concen: 46.822 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.2	76.6	114.8
141	66.3	54.7	82.1

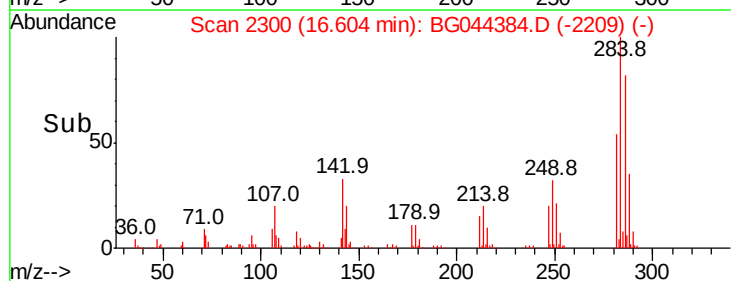
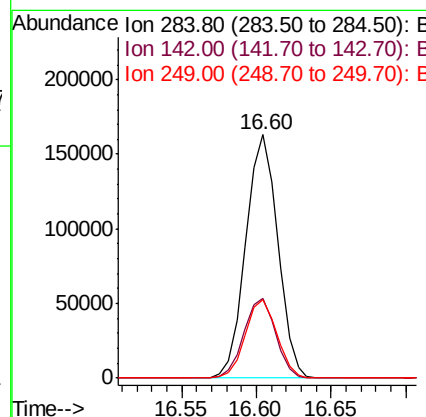
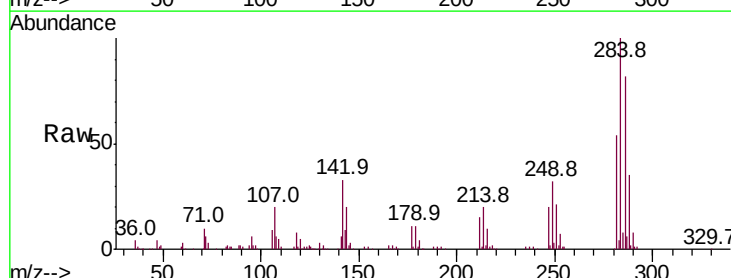
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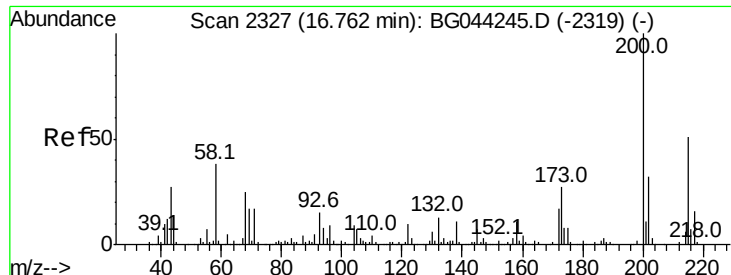
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#68
 Hexachlorobenzene
 Concen: 45.735 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.3	37.9
249	32.0	25.5	38.3





#69

Atrazine

Concen: 54.641 ng

RT: 16.75 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

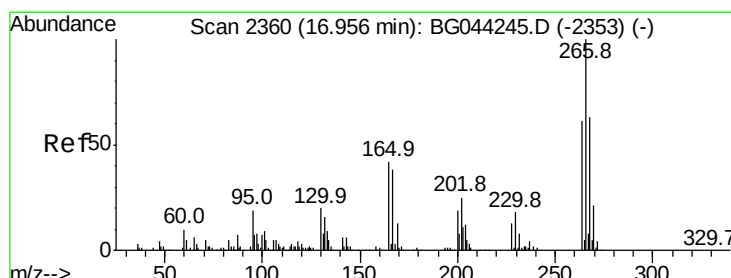
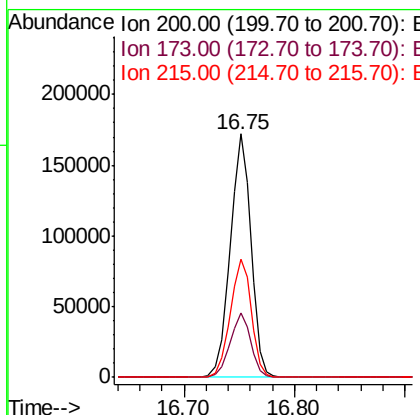
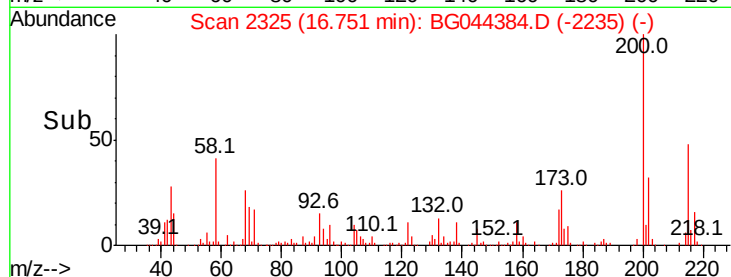
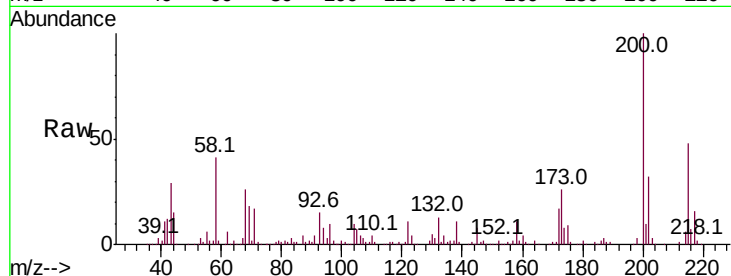
ClientSampleId :

PB126703BSD

Tot Ion:	200	Resp:	226980
Ion Ratio	Lower	Upper	
200	100		
173	26.3	6.6	46.6
215	48.3	31.0	71.0

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#70

Pentachlorophenol

Concen: 96.975 ng

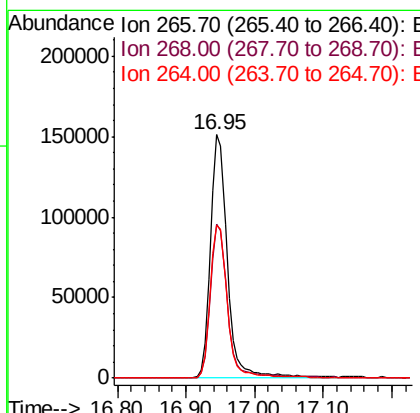
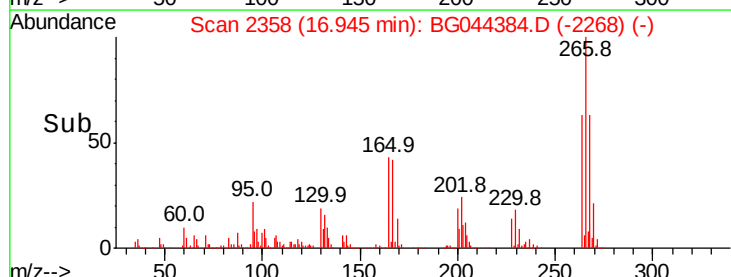
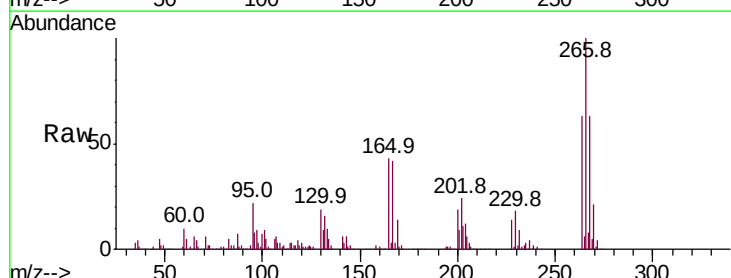
RT: 16.95 min Scan# 2358

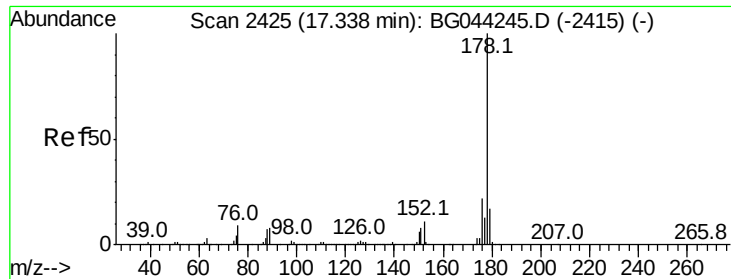
Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion:	266	Resp:	260710
Ion Ratio	Lower	Upper	
266	100		
268	63.5	50.6	75.8
264	62.9	48.7	73.1





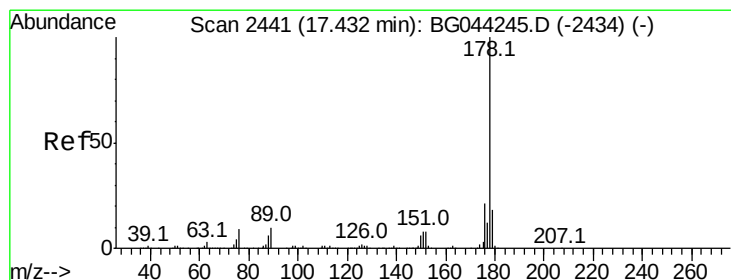
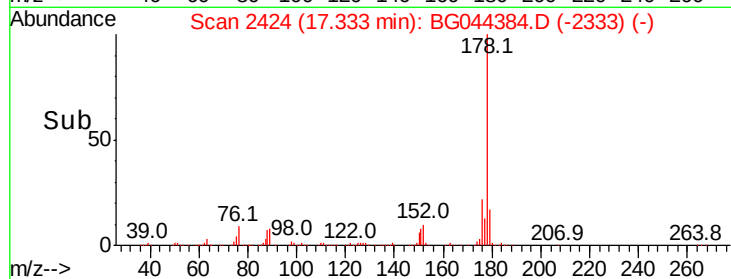
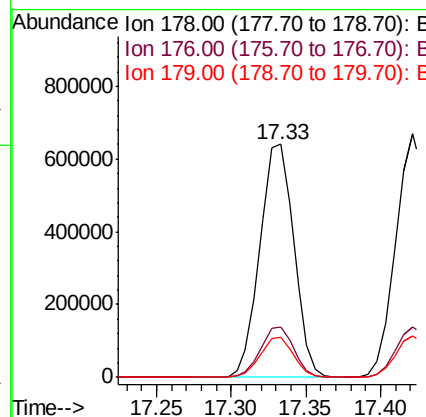
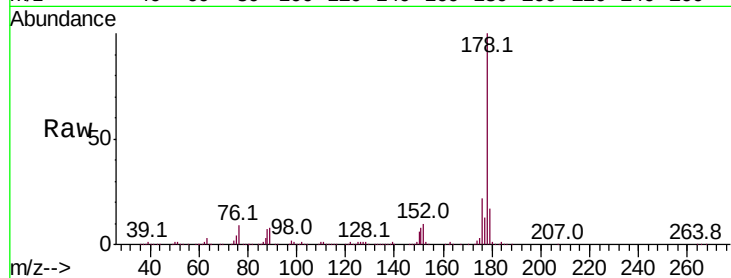
#71
Phenanthrene
Concen: 48.341 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion:178 Resp: 1012334
Ion Ratio Lower Upper
178 100
176 21.7 17.7 26.5
179 17.1 13.7 20.5

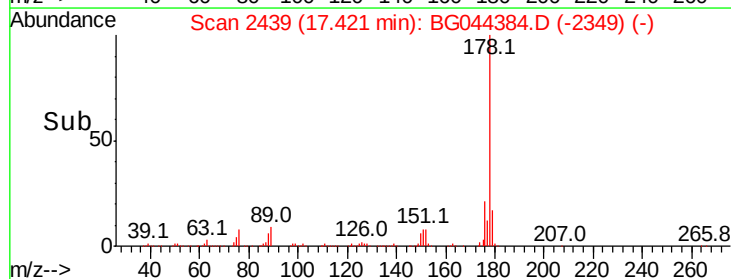
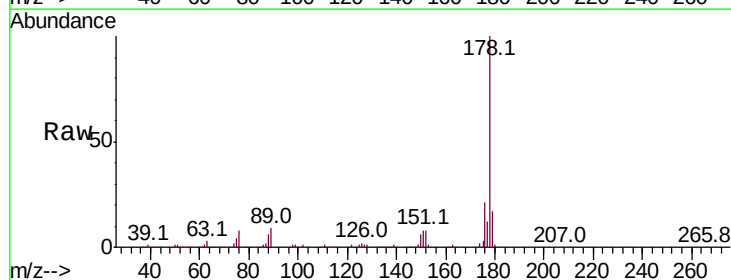
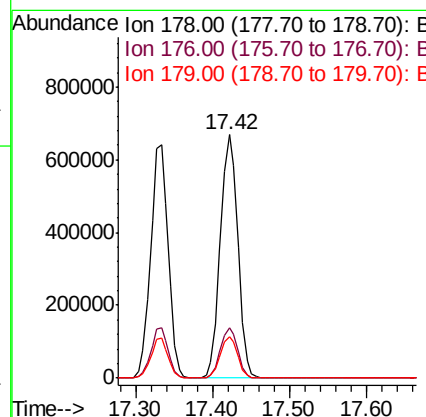
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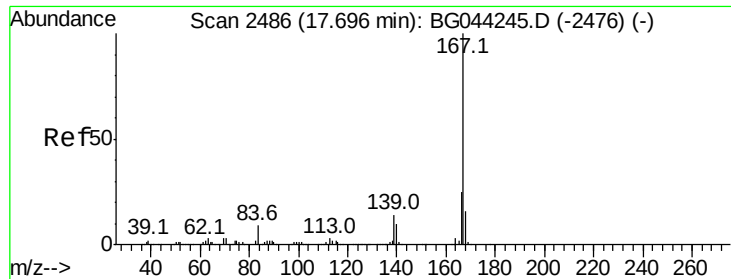
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#72
Anthracene
Concen: 50.504 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion:178 Resp: 1045637
Ion Ratio Lower Upper
178 100
176 20.8 17.0 25.4
179 17.2 14.4 21.6





#73

Carbazole

Concen: 49.719 ng

RT: 17.69 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

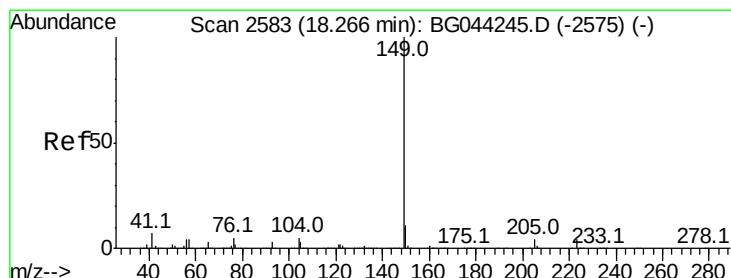
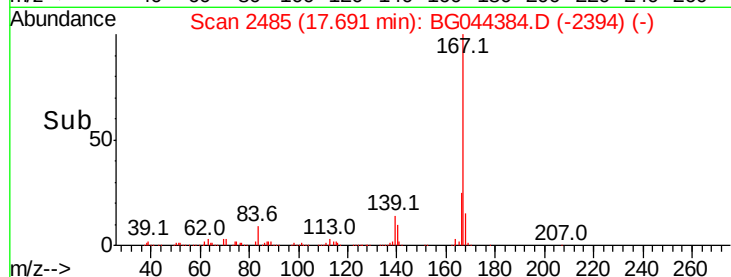
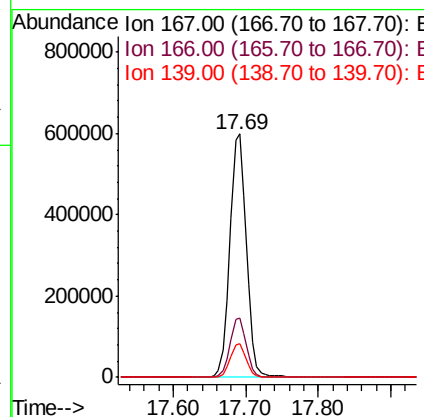
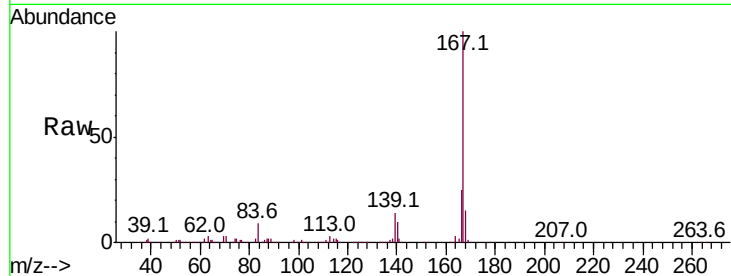
ClientSampleId :

PB126703BSD

Tot Ion:167	Resp:	948973
Ion Ratio	Lower	Upper
167 100		
166 24.6	19.8	29.6
139 13.6	11.1	16.7

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#74

Di-n-butylphthalate

Concen: 49.407 ng

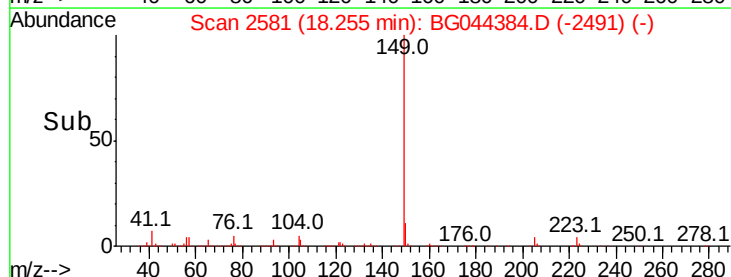
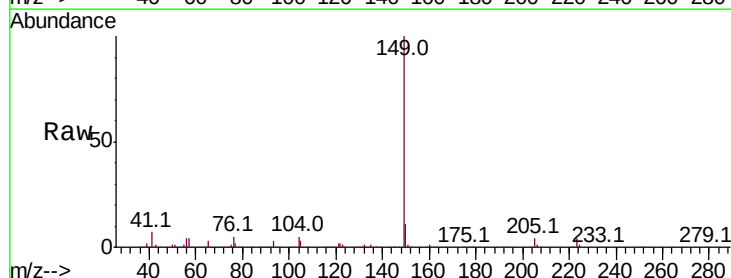
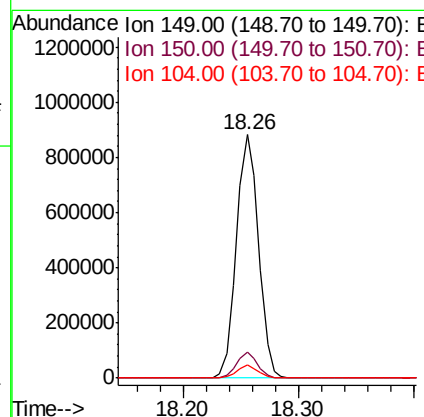
RT: 18.26 min Scan# 2581

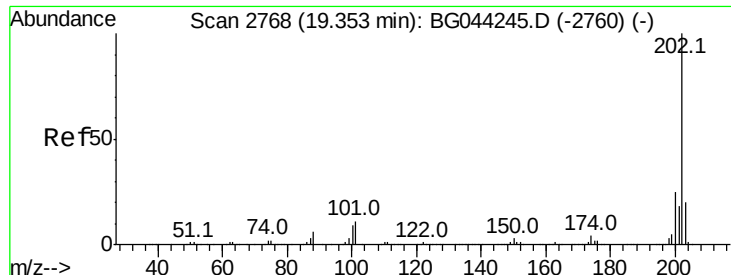
Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion:149	Resp:	1165336
Ion Ratio	Lower	Upper
149 100		
150 10.7	8.7	13.1
104 5.5	4.3	6.5





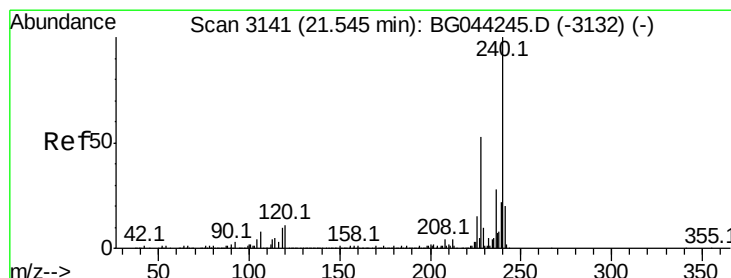
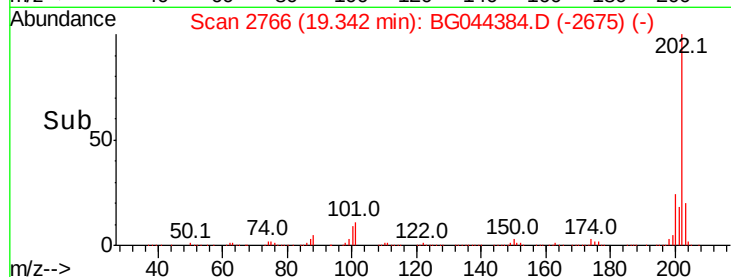
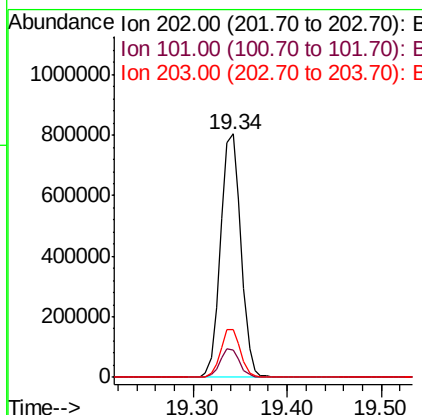
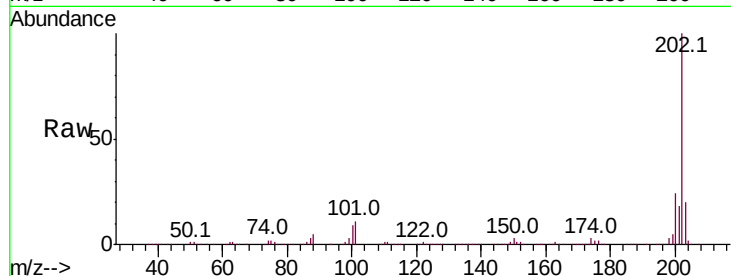
#75
 Fluoranthene
 Concen: 50.051 ng
 RT: 19.34 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1212514		
101	11.4	0.0	31.3	
203	19.6	0.0	39.9	

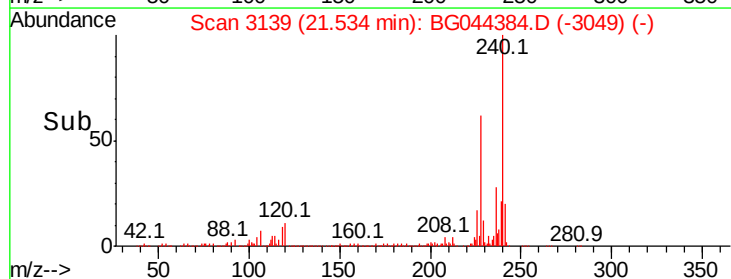
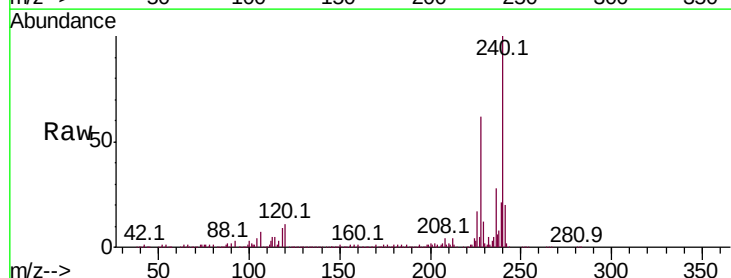
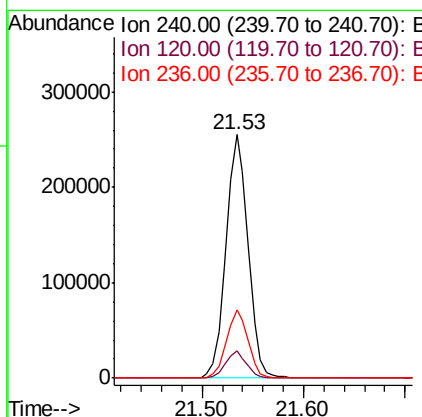
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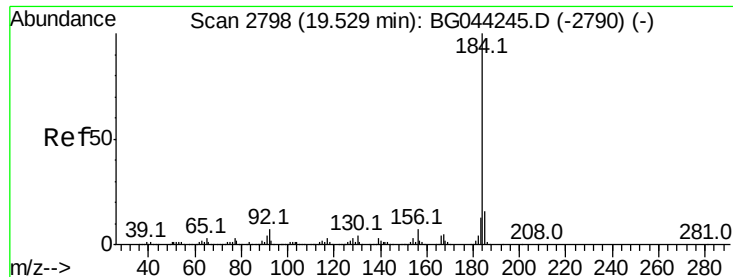
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	384282		
120	11.0	8.4	12.6	
236	28.3	22.1	33.1	





#77

Benzidine

Concen: 55.751 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

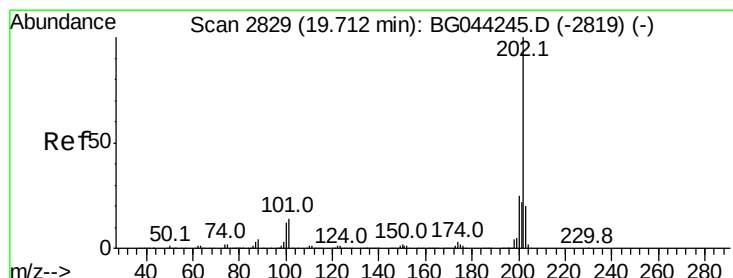
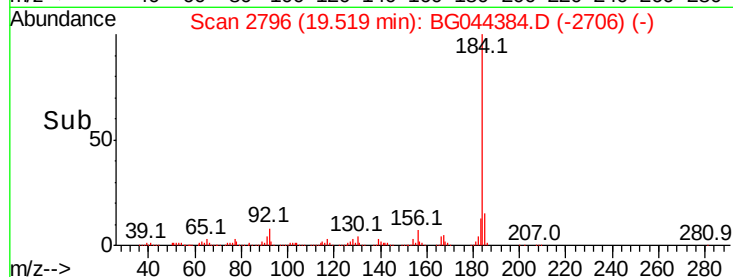
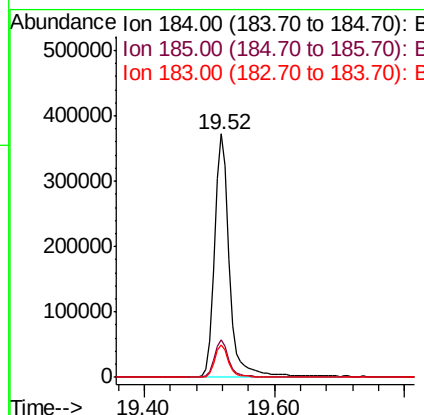
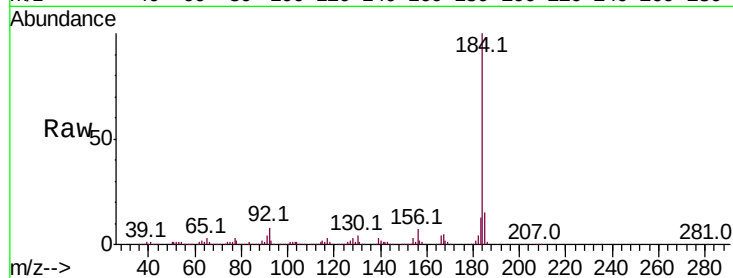
ClientSampleId :

PB126703BSD

Tot Ion:	184	Resp:	594256
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.9	19.3
183	13.2	10.8	16.2

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#78

Pyrene

Concen: 49.057 ng

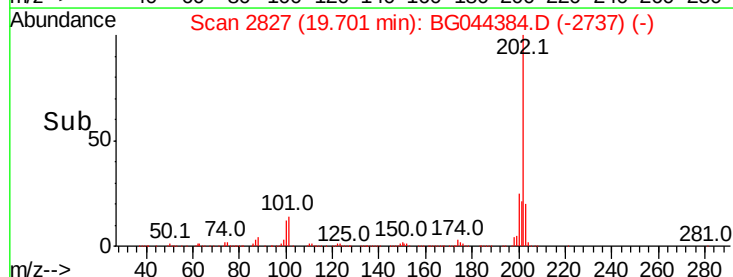
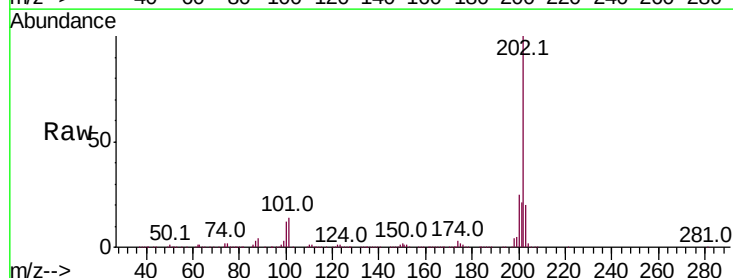
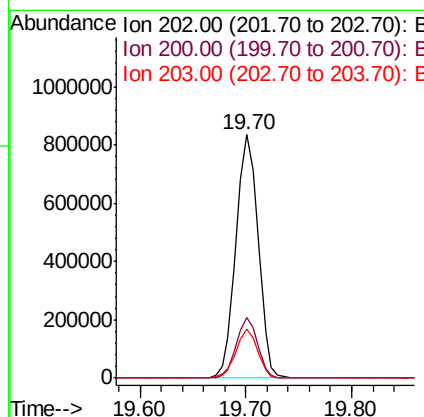
RT: 19.70 min Scan# 2827

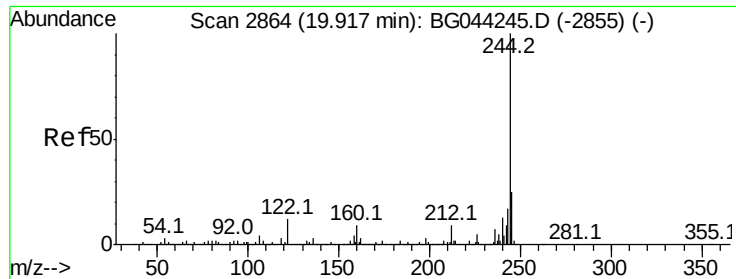
Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion:	202	Resp:	1210656
Ion Ratio	Lower	Upper	
202	100		
200	24.8	20.0	30.0
203	20.0	16.2	24.2





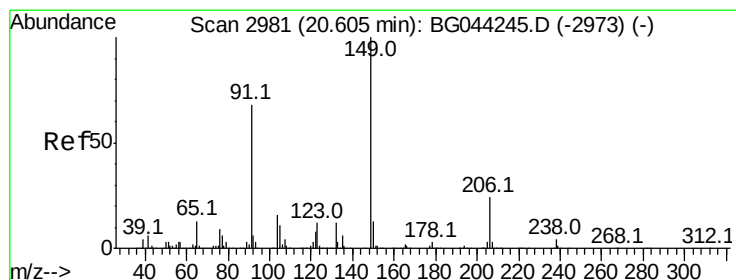
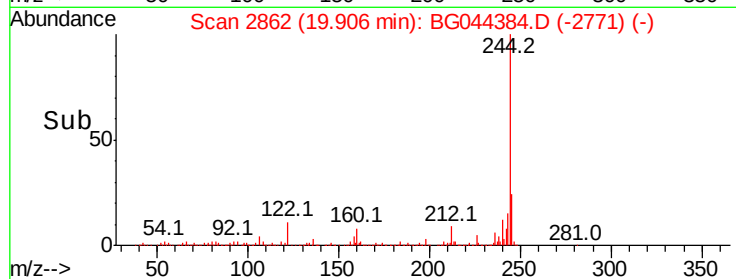
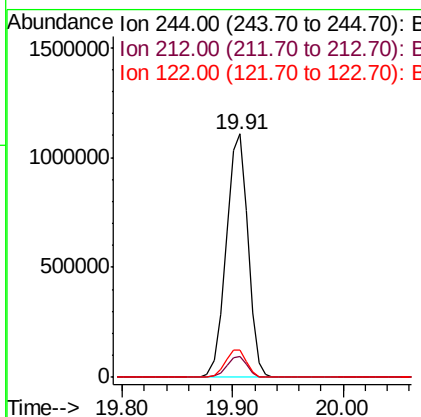
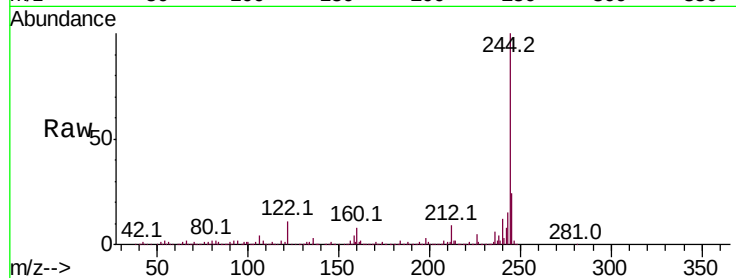
#79
 Terphenyl-d14
 Concen: 81.697 ng
 RT: 19.91 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Instrument :
 BNA_G
 ClientSampleId :
 PB126703BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	11.3	9.8	14.6

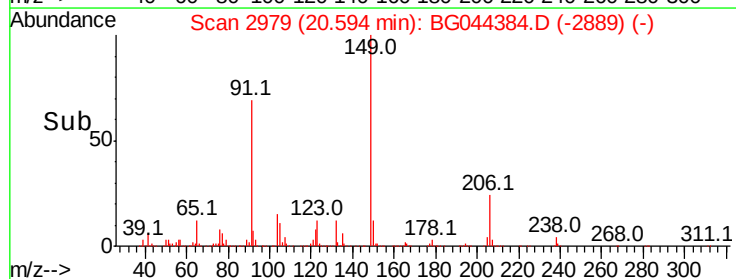
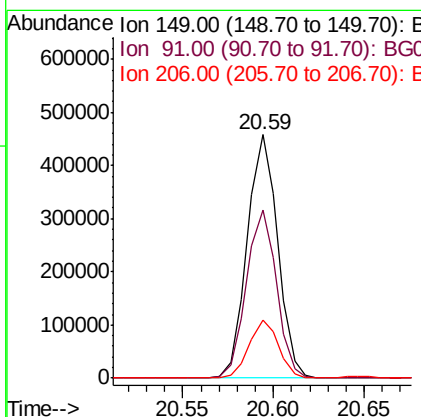
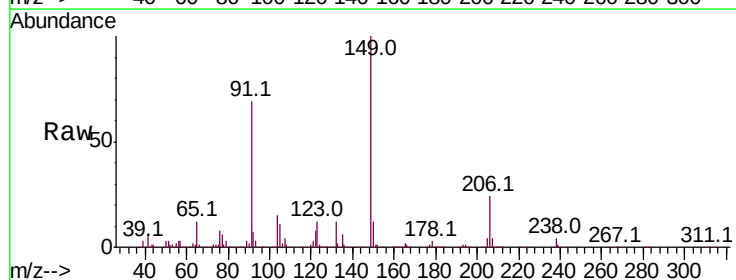
Manual Integrations
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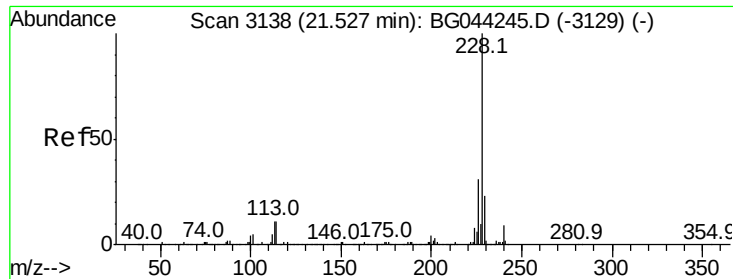
mohammad
 2/13/2020 10:29:37 AM



#80
 Butylbenzylphthalate
 Concen: 47.521 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG044384.D
 Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	54.5	81.7
206	23.9	19.1	28.7





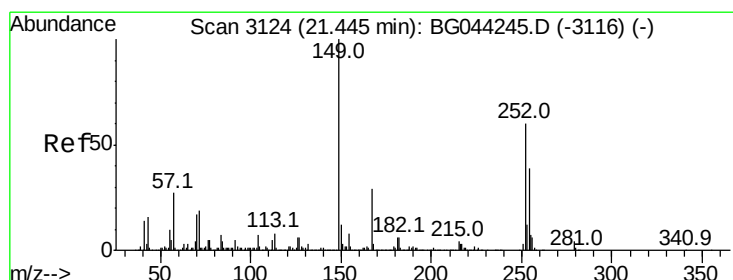
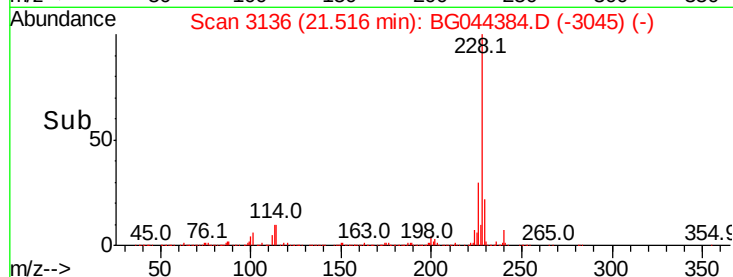
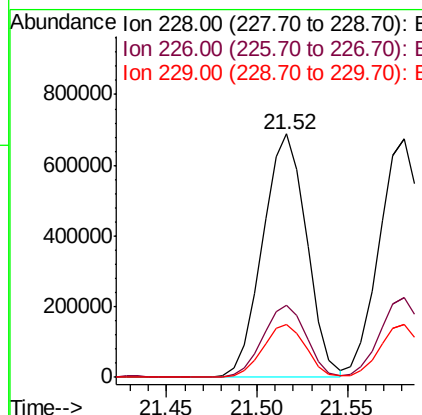
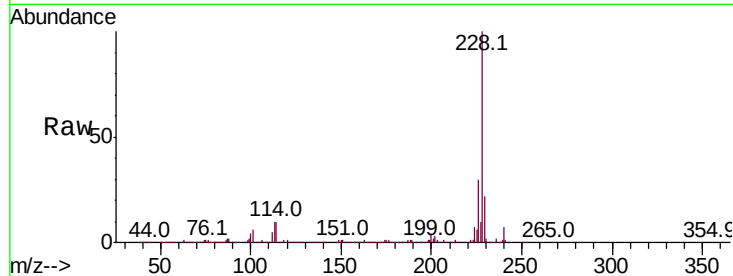
#81
Benzo(a)anthracene
Concen: 49.211 ng
RT: 21.52 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	21.8	18.2	27.4

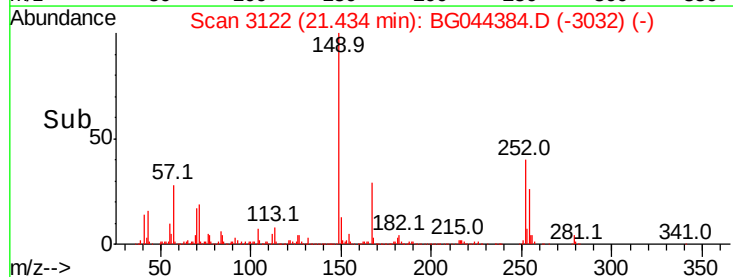
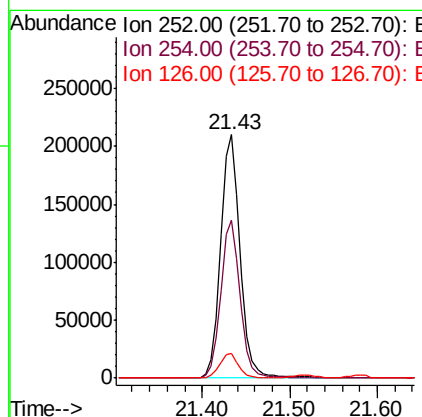
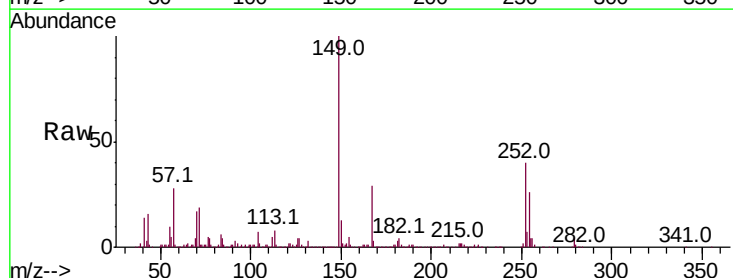
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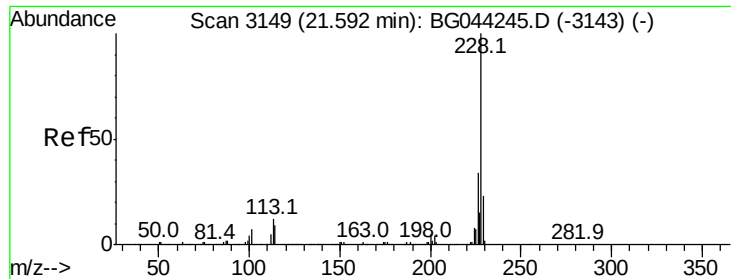
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 35.340 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.6	78.8
126	10.0	8.2	12.4





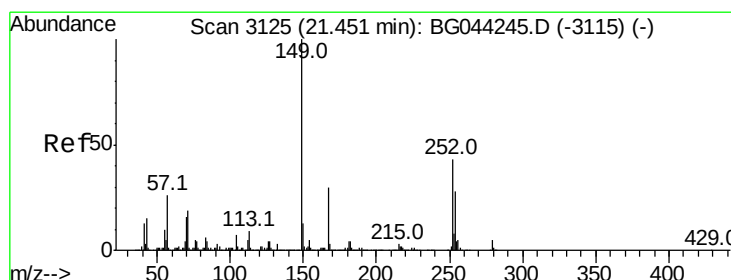
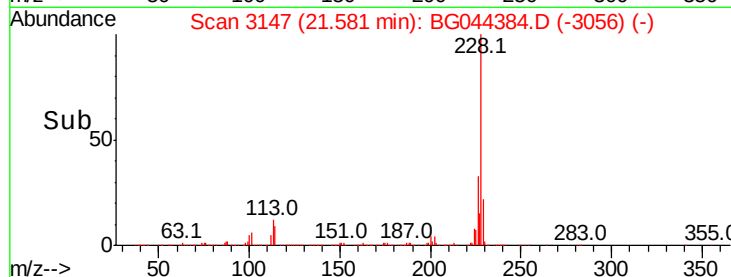
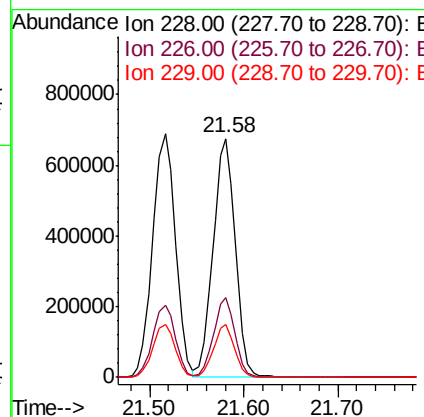
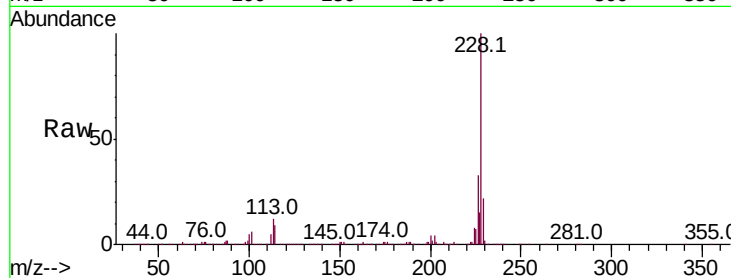
#83
Chrysene
Concen: 48.922 ng
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	27.1	40.7
229	22.2	17.9	26.9

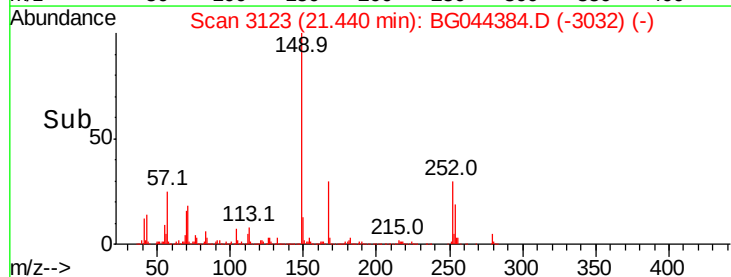
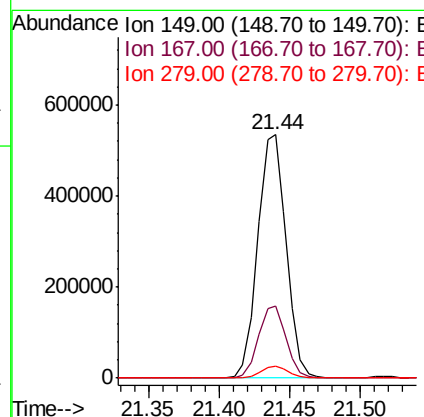
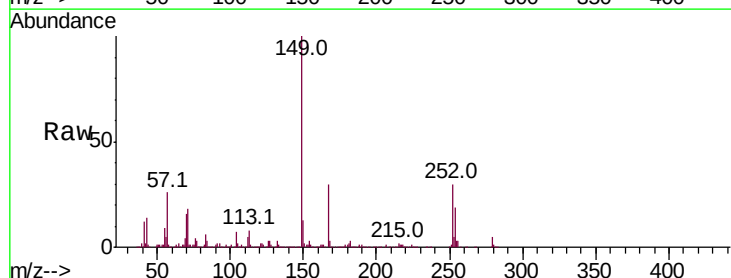
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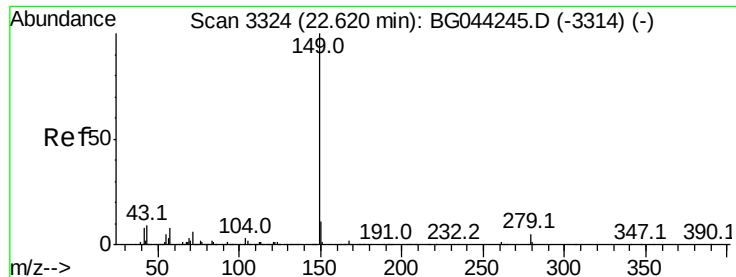
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.857 ng
RT: 21.44 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.0	36.0
279	4.9	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 49.326 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

ClientSampleId :

PB126703BSD

Tot Ion:149 Resp: 1321129

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

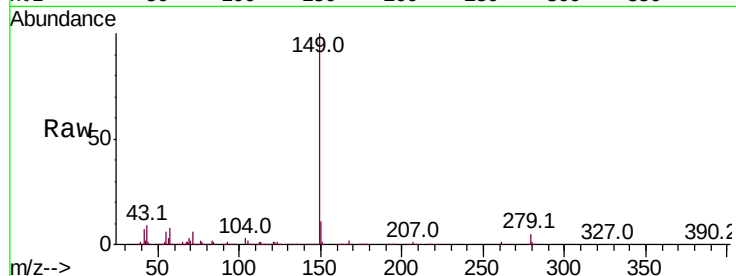
43 9.0 7.4 11.0

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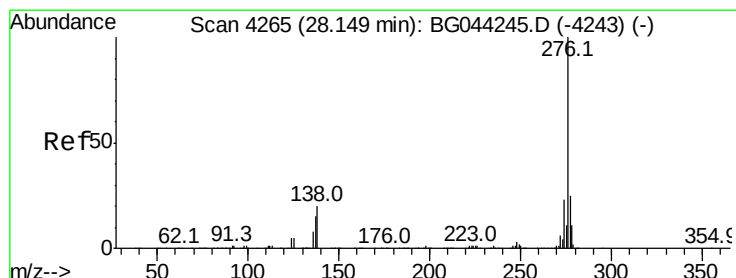
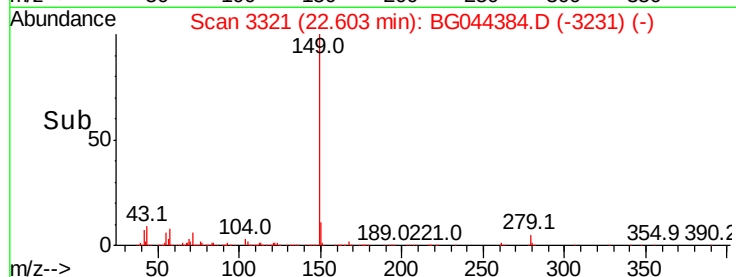
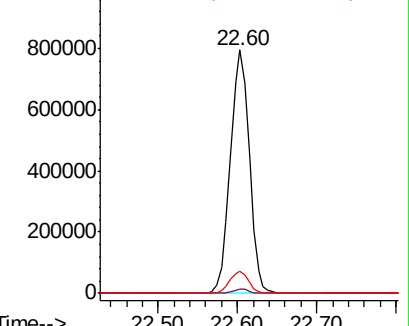
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.608 ng

RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

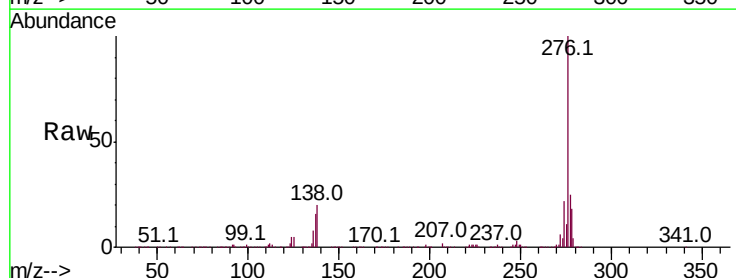
Tgt Ion:276 Resp: 1421896

Ion Ratio Lower Upper

276 100

138 24.3 19.4 29.0

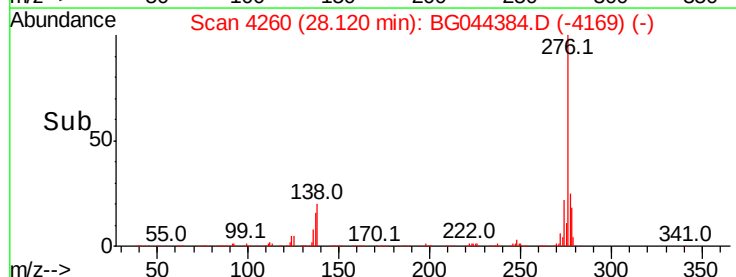
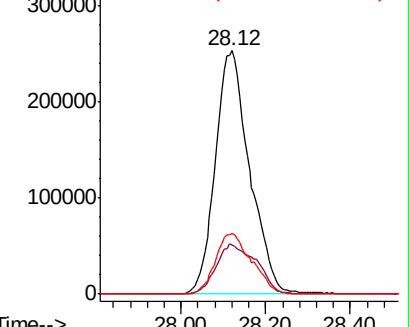
277 26.3 21.0 31.6

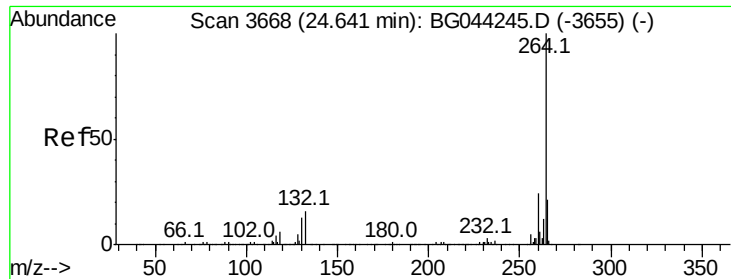


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Instrument :

BNA_G

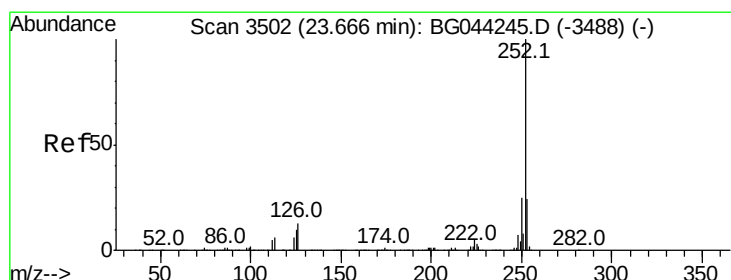
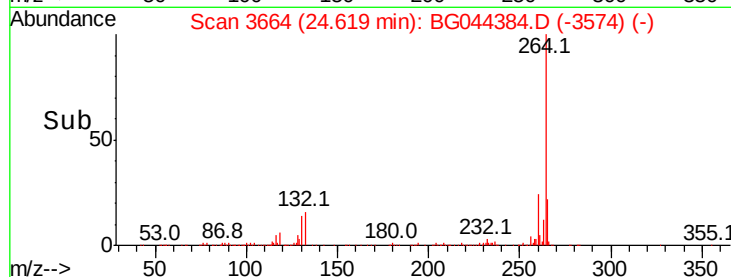
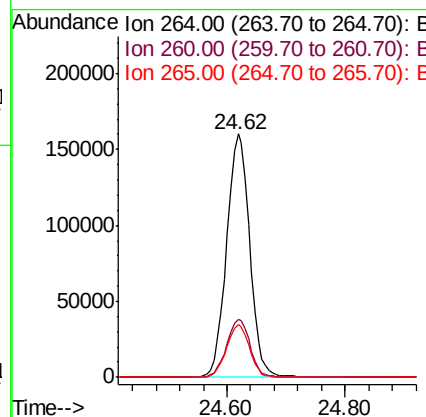
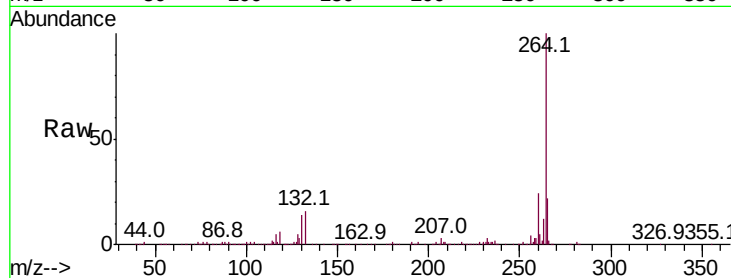
ClientSampleId :

PB126703BSD

Tot Ion:	264	Resp:	436034
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.2
265	21.6	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 48.964 ng

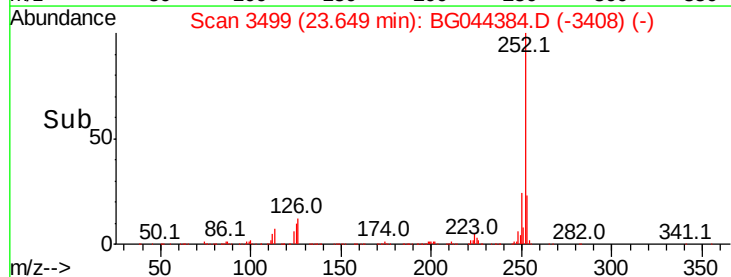
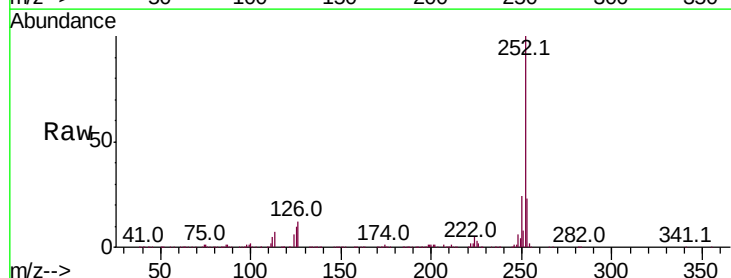
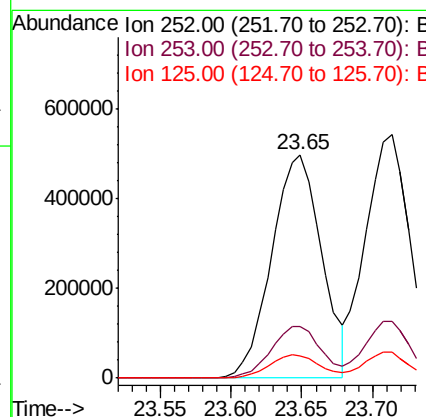
RT: 23.65 min Scan# 3499

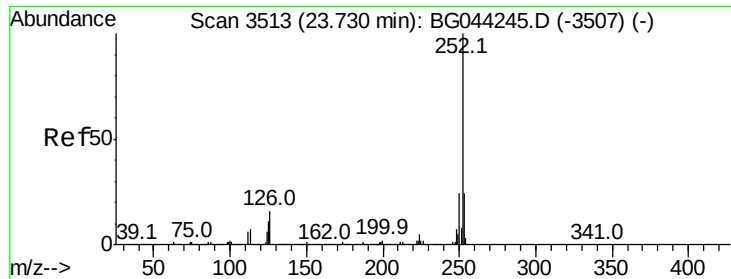
Delta R.T. 0.00 min

Lab File: BG044384.D

Acq: 11 Feb 2020 11:07

Tgt Ion:	252	Resp:	1230257
Ion Ratio	Lower	Upper	
252	100		
253	23.0	19.2	28.8
125	10.1	8.4	12.6





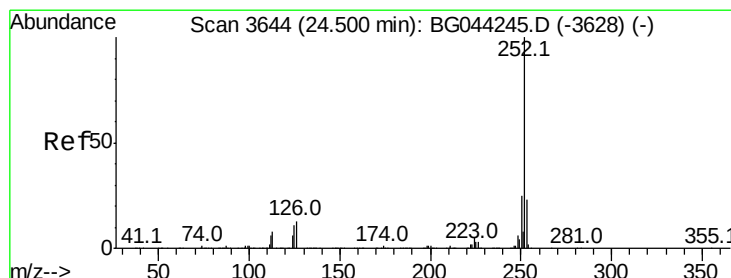
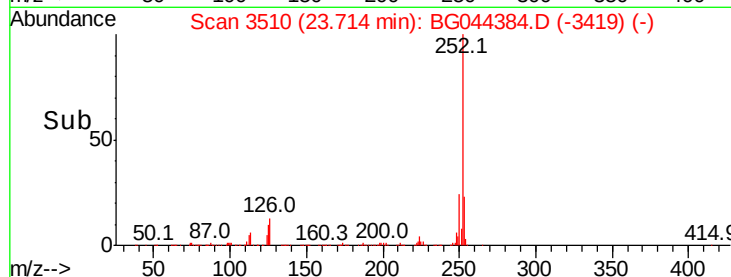
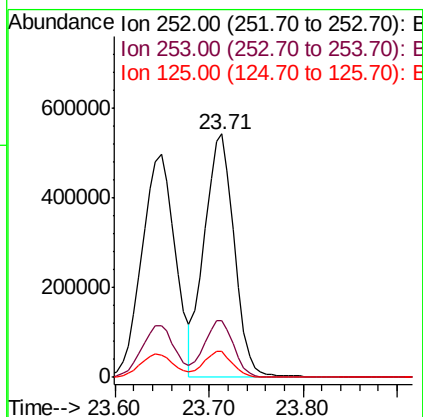
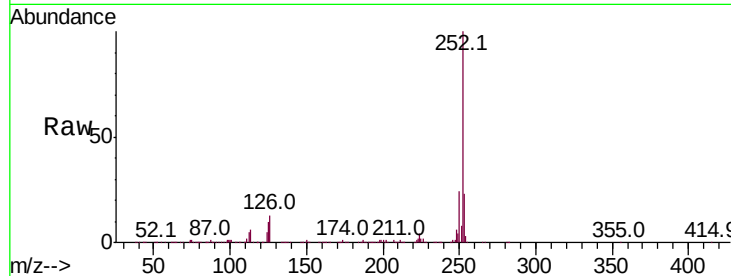
#89
Benzo(k)fluoranthene
Concen: 48.981 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.1	28.7
125	10.5	8.6	12.8

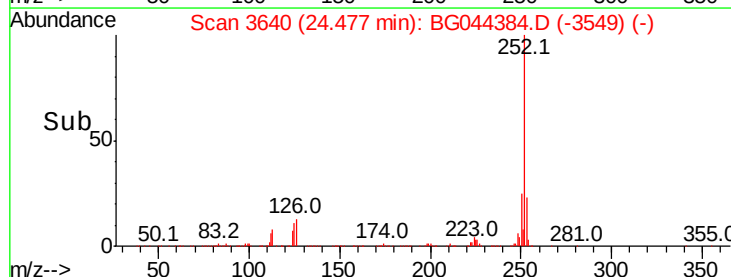
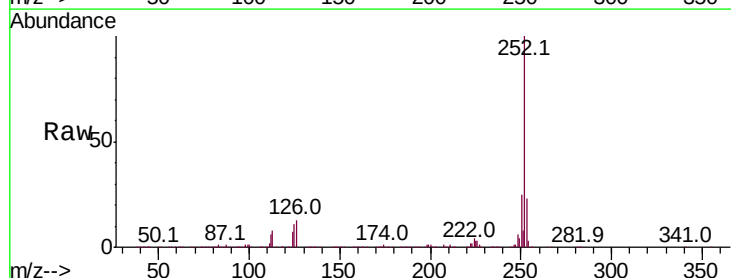
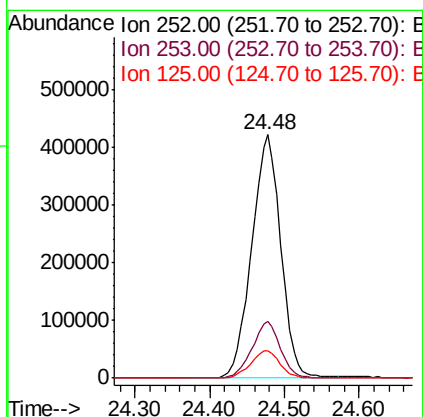
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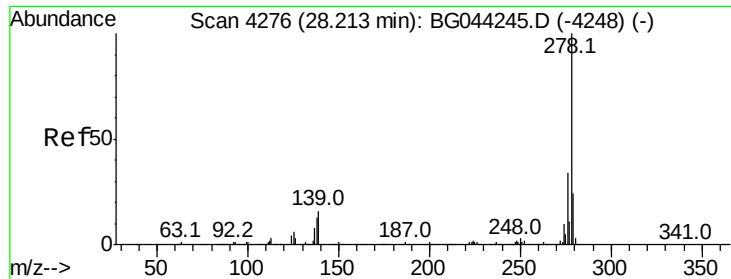
mohammad
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#90
Benzo(a)pyrene
Concen: 47.872 ng
RT: 24.48 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.3	8.6	13.0





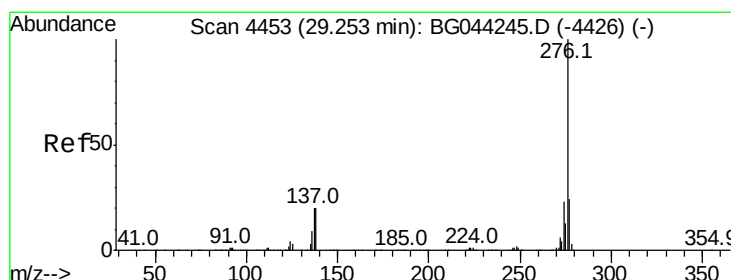
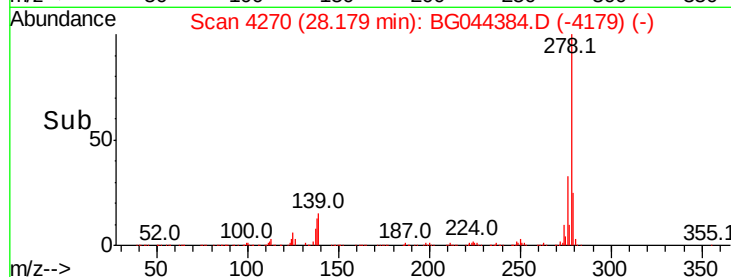
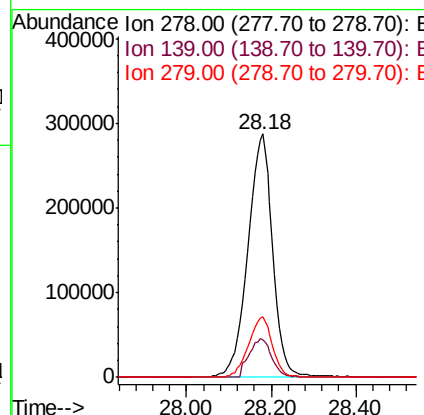
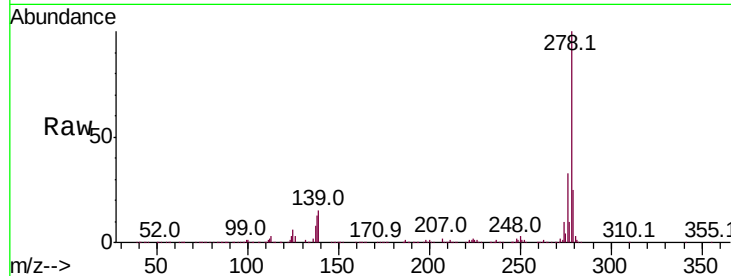
#91
Dibenzo(a,h)anthracene
Concen: 49.943 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Instrument :
BNA_G
ClientSampleId :
PB126703BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	24.9	19.3	28.9

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2/13/2020 10:29:37 AM



#92
Benzo(g,h,i)perylene
Concen: 50.819 ng
RT: 29.21 min Scan# 4446
Delta R.T. 0.01 min
Lab File: BG044384.D
Acq: 11 Feb 2020 11:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.4	16.2	24.2

