

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
 Data File : BG044388.D
 Acq On : 11 Feb 2020 14:27
 Operator : CG/JU
 Sample : PB126698BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Manual Integrations
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mohammad
 2/13/2020 3:32:33 PM

Quant Time: Feb 12 03:22:34 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	92321	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	374510	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	243748	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	523280	20.00	ng	0.00
76) Chrysene-d12	21.53	240	461739	20.00	ng	0.00
87) Perylene-d12	24.62	264	500240	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	628073	120.06	ng	0.00
7) Phenol-d6	7.08	99	819533	116.67	ng	0.00
23) Nitrobenzene-d5	9.06	82	432662	65.22	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	319323	111.59	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	979379	67.28	ng	0.00
79) Terphenyl-d14	19.91	244	1434276	63.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	85853	36.528	ng	98
3) Pyridine	3.76	79	199422	31.848	ng	100
4) n-Nitrosodimethylamine	3.68	42	101443	38.769	ng	98
6) Aniline	7.23	93	291636	33.447	ng	99
8) 2-Chlorophenol	7.47	128	249148	43.336	ng	99
9) Benzaldehyde	7.04	77	115747	28.931	ng	97
10) Phenol	7.11	94	303321	43.631	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	226751	38.151	ng	98
12) 1,3-Dichlorobenzene	7.80	146	259467	37.800	ng	99
13) 1,4-Dichlorobenzene	7.94	146	261696	38.493	ng	98
14) 1,2-Dichlorobenzene	8.26	146	249132	38.769	ng	98
15) Benzyl Alcohol	8.14	79	206083	41.438	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	299031	37.172	ng	98
17) 2-Methylphenol	8.36	107	212951	42.933	ng	98
18) Hexachloroethane	8.99	117	96565	37.851	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	177163	37.843	ng	98
20) 3+4-Methylphenols	8.68	107	291462	42.638	ng	98
22) Acetophenone	8.73	105	340057	37.325	ng	99
24) Nitrobenzene	9.10	77	253068	39.077	ng	99
25) Isophorone	9.63	82	489419	39.583	ng	99
26) 2-Nitrophenol	9.82	139	141112	41.993	ng	98
27) 2,4-Dimethylphenol	9.88	122	236719	49.904	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	312275	37.860	ng	99
29) 2,4-Dichlorophenol	10.36	162	243377	42.432	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	249953	38.005	ng	98
31) Naphthalene	10.75	128	719539	39.600	ng	100
32) Benzoic acid	10.05	122	91357	34.778	ng	91
33) 4-Chloroaniline	10.86	127	183644	22.223	ng	98
34) Hexachlorobutadiene	11.05	225	147027	36.331	ng	100
35) Caprolactam	11.63	113	87347m	41.572	ng	
36) 4-Chloro-3-methylphenol	12.00	107	255242	42.444	ng	99
37) 2-Methylnaphthalene	12.36	142	536575	39.773	ng	99
38) 1-Methylnaphthalene	12.59	142	508636	39.990	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	267151	36.640	ng	99

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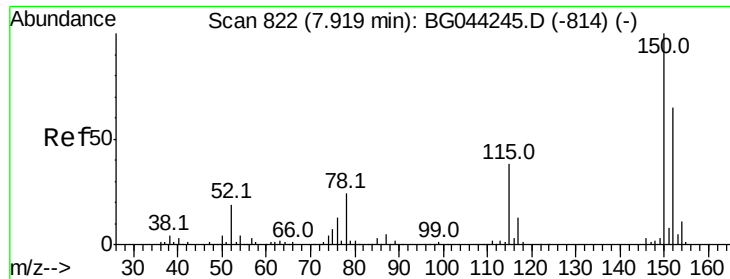
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	311323	88.985	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	189374	40.182	ng	98
44) 2,4,5-Trichlorophenol	13.05	196	202453	42.057	ng	99
46) 1,1'-Biphenyl	13.38	154	675940	38.445	ng	99
47) 2-Chloronaphthalene	13.42	162	527860	37.729	ng	99
48) 2-Nitroaniline	13.62	65	154621	37.448	ng	94
49) Acenaphthylene	14.27	152	832071	40.548	ng	100
50) Dimethylphthalate	14.00	163	676043	38.584	ng	99
51) 2,6-Dinitrotoluene	14.11	165	155046	39.688	ng	100
52) Acenaphthene	14.61	154	510713	38.397	ng	99
53) 3-Nitroaniline	14.44	138	114886	26.581	ng	100
54) 2,4-Dinitrophenol	14.65	184	163760	71.625	ng	98
55) Dibenzofuran	14.94	168	797009	39.577	ng	100
56) 4-Nitrophenol	14.77	139	271599	85.787	ng	98
57) 2,4-Dinitrotoluene	14.91	165	214547	39.183	ng	99
58) Fluorene	15.59	166	626589	39.504	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	176619	40.620	ng	99
60) Diethylphthalate	15.36	149	673719	38.589	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	332948	38.714	ng	99
62) 4-Nitroaniline	15.61	138	154234	35.712	ng	99
63) Azobenzene	15.88	77	600345	39.235	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	127508	44.143	ng	99
66) n-Nitrosodiphenylamine	15.80	169	591340	40.324	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	219481	38.498	ng	98
68) Hexachlorobenzene	16.60	284	240722	37.689	ng	98
69) Atrazine	16.75	200	225574	44.879	ng	99
70) Pentachlorophenol	16.95	266	255703	79.201	ng	97
71) Phenanthrene	17.33	178	1000218	39.473	ng	99
72) Anthracene	17.42	178	1030309	41.127	ng	99
73) Carbazole	17.69	167	928111	40.187	ng	100
74) Di-n-butylphthalate	18.26	149	1136776	39.832	ng	100
75) Fluoranthene	19.34	202	1180007	40.256	ng	99
77) Benzidine	19.52	184	556799	43.474	ng	98
78) Pyrene	19.70	202	1187080	40.032	ng	99
80) Butylbenzylphthalate	20.59	149	510895	37.807	ng	99
81) Benzo(a)anthracene	21.52	228	1120492	39.374	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	328492	29.742	ng	99
83) Chrysene	21.58	228	1062083	38.612	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	723811	38.915	ng	99
85) Di-n-octyl phthalate	22.60	149	1261175	39.189	ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1354092	37.733	ng	100
88) Benzo(b)fluoranthene	23.65	252	1178177	40.873	ng	99
89) Benzo(k)fluoranthene	23.71	252	1153943	41.074	ng	100
90) Benzo(a)pyrene	24.48	252	1084892	39.806	ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1115204	41.346	ng	99
92) Benzo(g,h,i)perylene	29.21	276	1137946	42.144	ng	98

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



#1

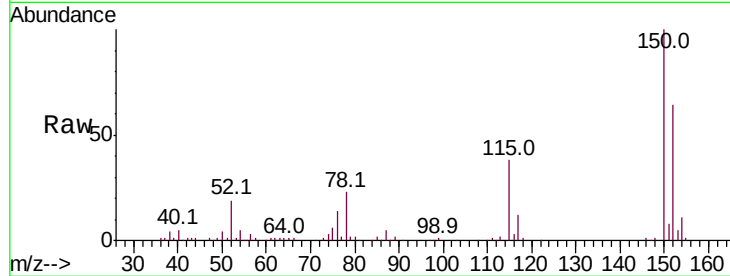
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

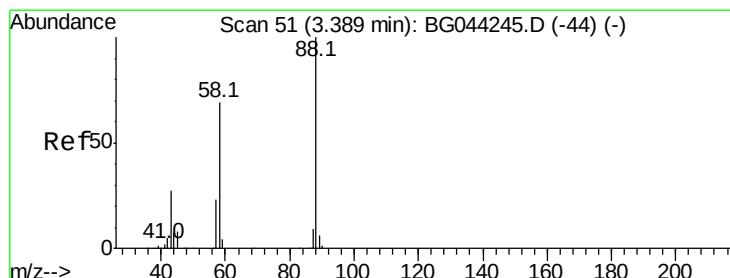
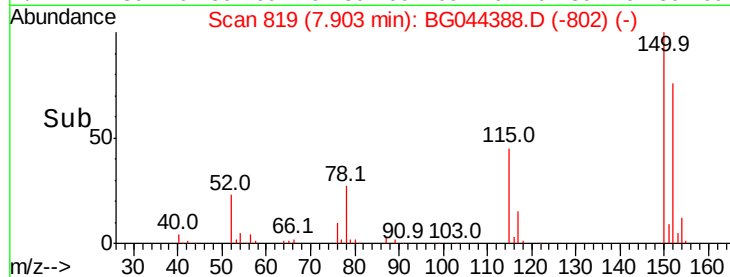
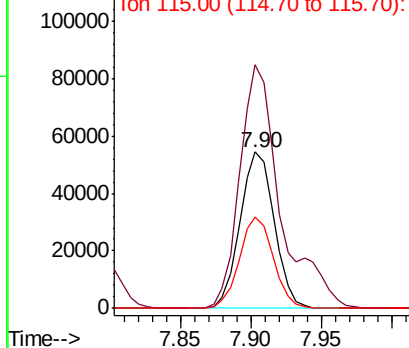
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.6	183.8
115	58.7	46.0	69.0

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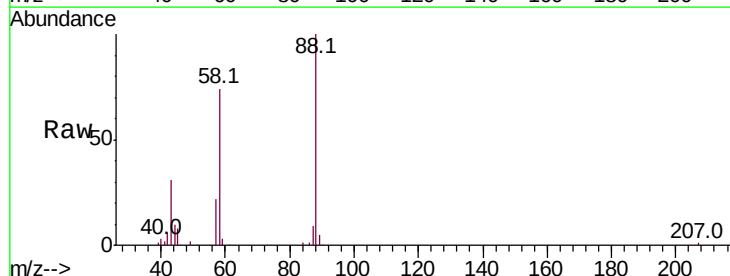
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



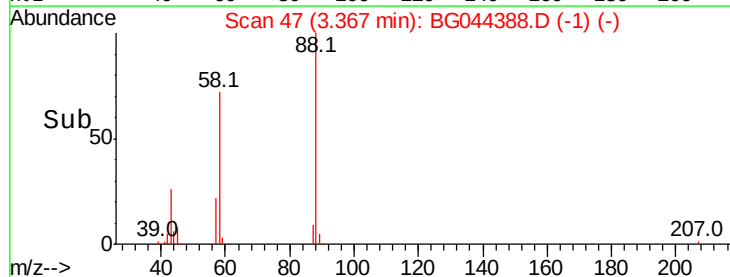
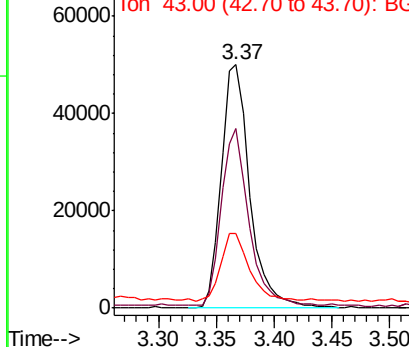
#2

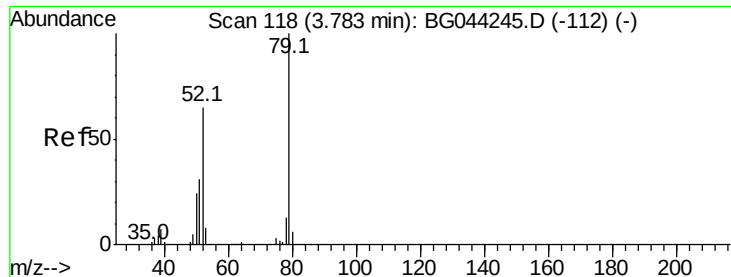
1,4-Dioxane
Concen: 36.528 ng
RT: 3.37 min Scan# 47
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	55.8	83.6
43	29.4	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: 31.848 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Instrument :

BNA_G

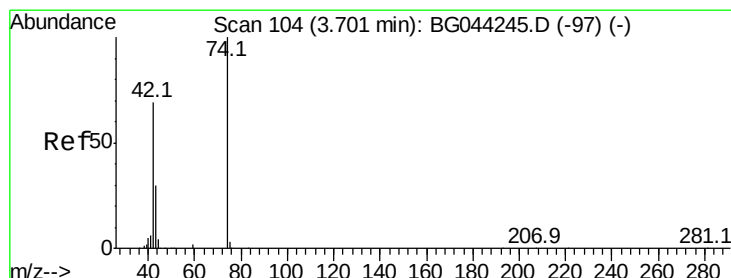
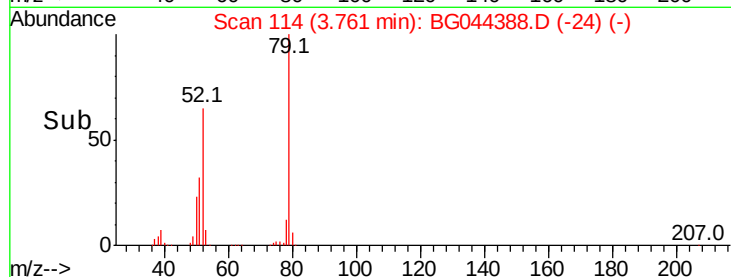
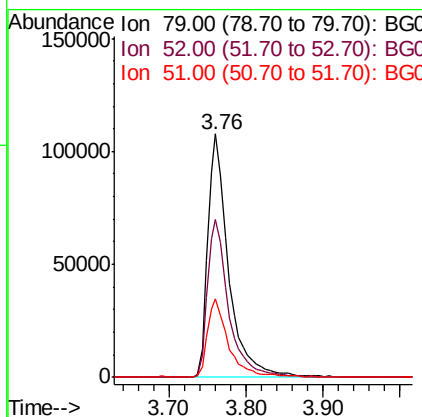
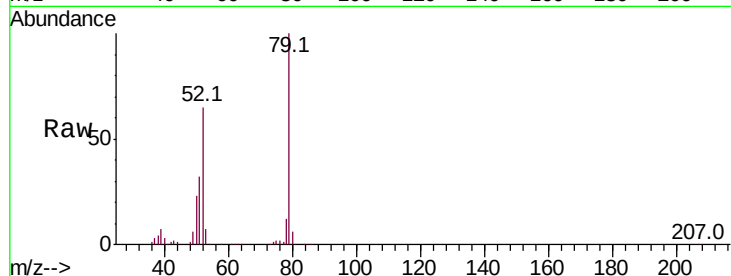
ClientSampleId :

PB126698BSD

Tot Ion:	79	Resp:	199422
Ion Ratio	Lower	Upper	
79	100		
52	64.8	51.9	77.9
51	32.1	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 38.769 ng

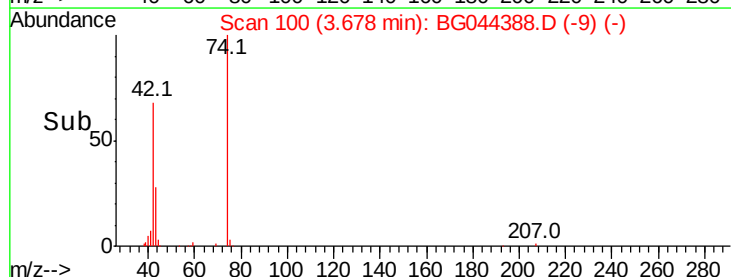
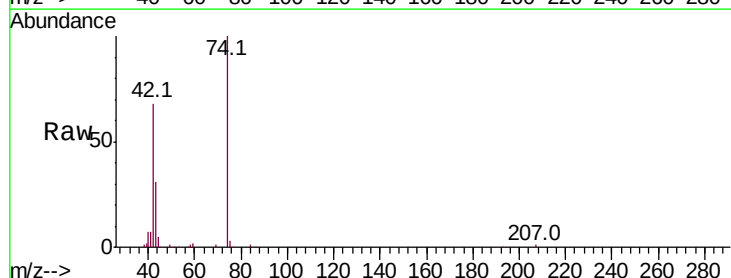
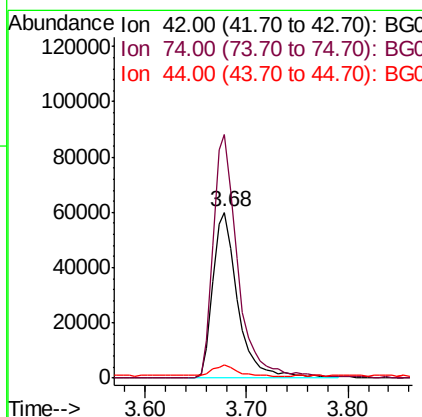
RT: 3.68 min Scan# 100

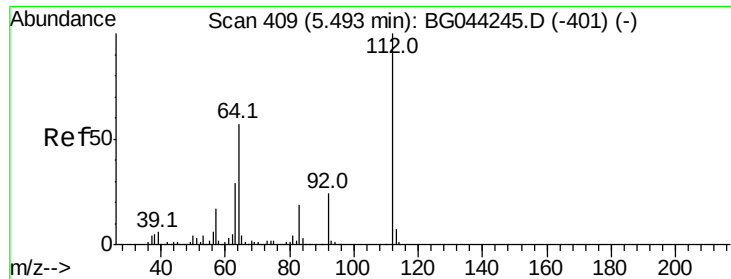
Delta R.T. 0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Tgt Ion:	42	Resp:	101443
Ion Ratio	Lower	Upper	
42	100		
74	146.6	115.1	172.7
44	8.1	5.6	8.4





#5

2-Fluorophenol

Concen: 120.065 ng

RT: 5.49 min Scan# 408

Delta R.T. 0.01 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Instrument :

BNA_G

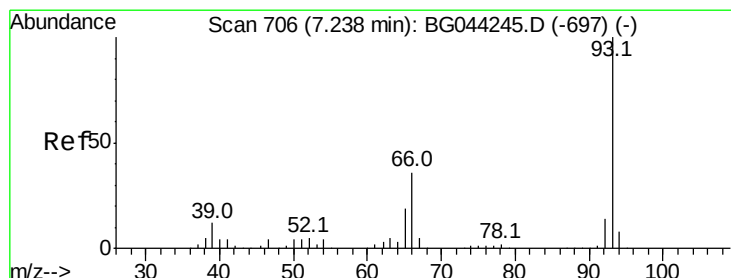
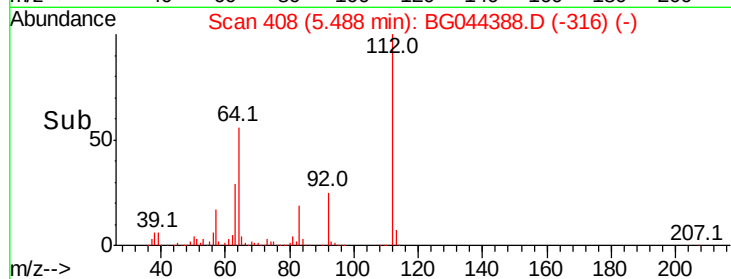
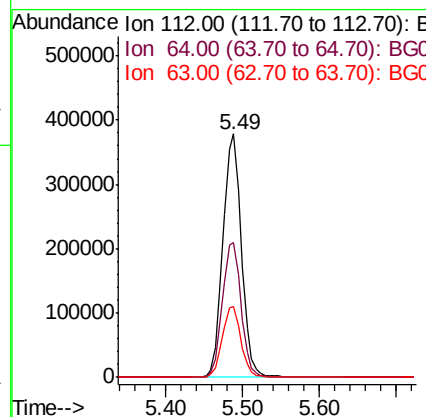
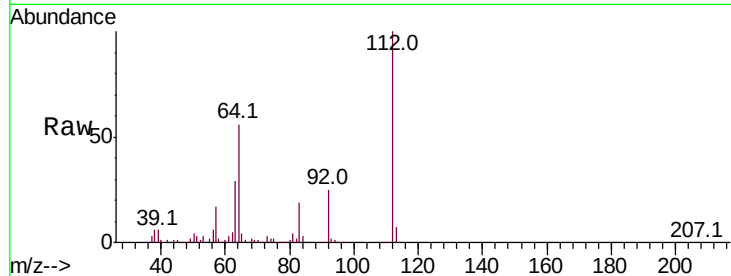
ClientSampleId :

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Tot Ion:	112	Resp:	628073
Ion Ratio	Lower	Upper	
112	100		
64	55.6	45.4	68.2
63	29.1	22.9	34.3

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#6

Aniline

Concen: 33.447 ng

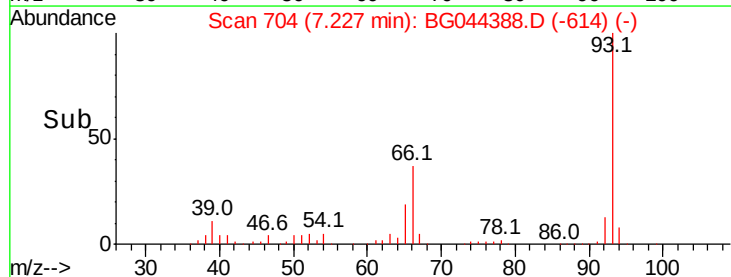
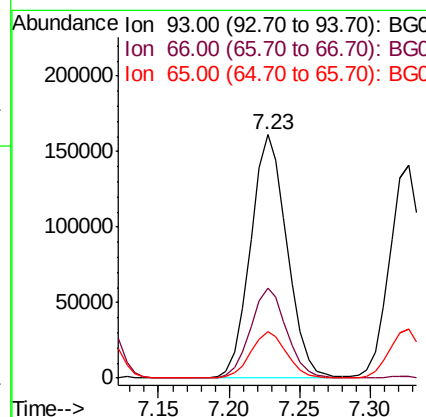
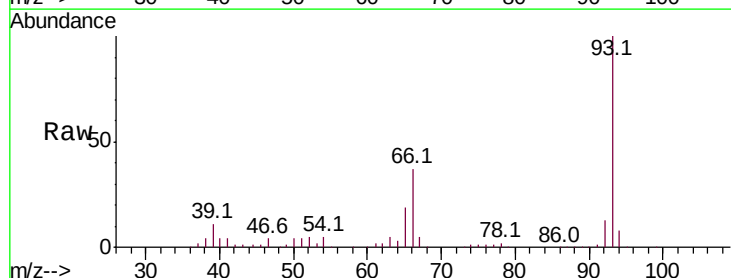
RT: 7.23 min Scan# 704

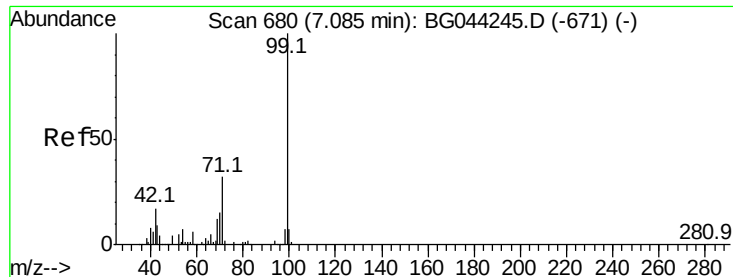
Delta R.T. -0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Tgt Ion:	93	Resp:	291636
Ion Ratio	Lower	Upper	
93	100		
66	37.0	28.7	43.1
65	19.0	15.4	23.0





#7

Phenol-d6

Concen: 116.666 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Instrument :

BNA_G

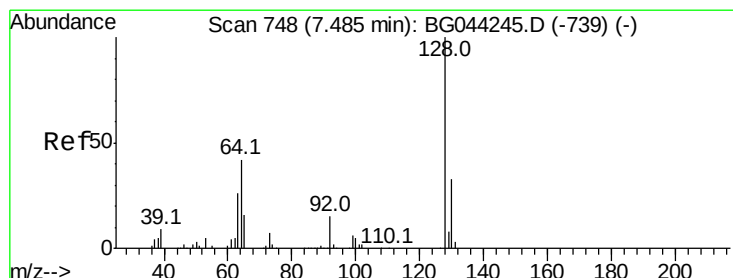
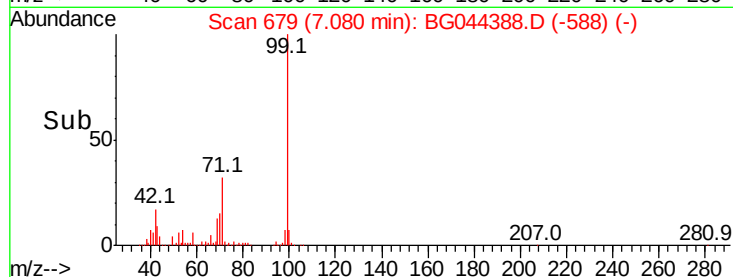
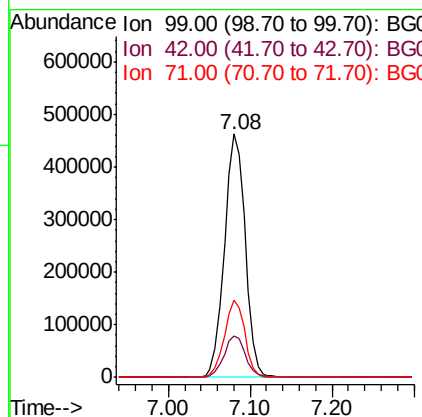
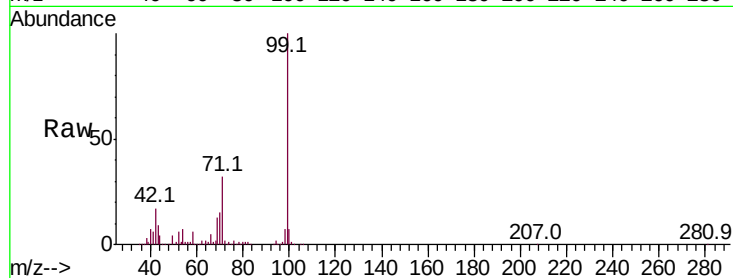
ClientSampleId :

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Tot Ion:	99	Resp:	819533
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.8	20.6
71	31.6	25.5	38.3

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#8

2-Chlorophenol

Concen: 43.336 ng

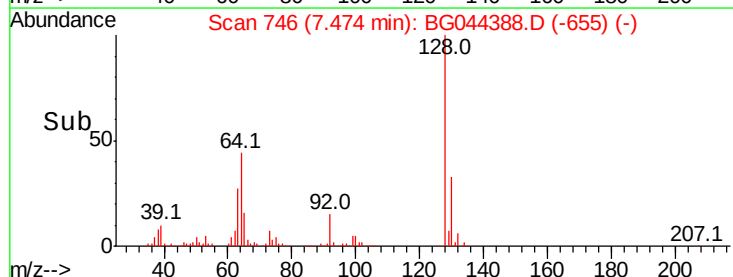
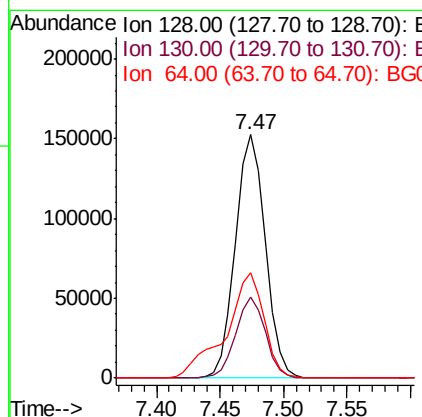
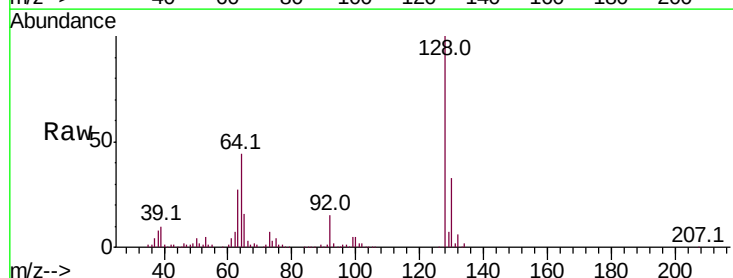
RT: 7.47 min Scan# 746

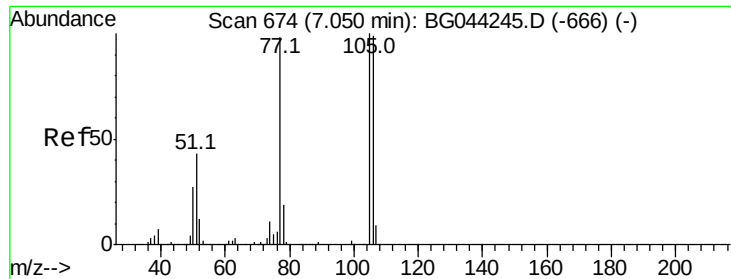
Delta R.T. 0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Tgt Ion:	128	Resp:	249148
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.5	52.5
64	43.5	24.2	64.2





#9

Benzaldehyde

Concen: 28.931 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Instrument :

BNA_G

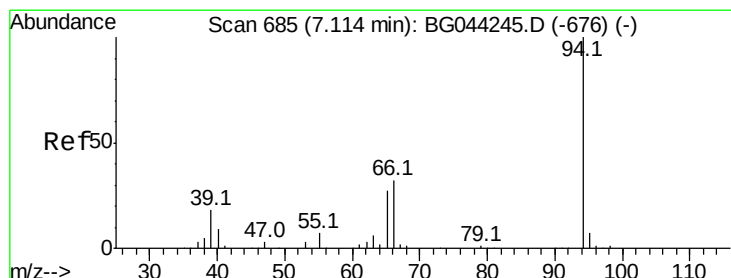
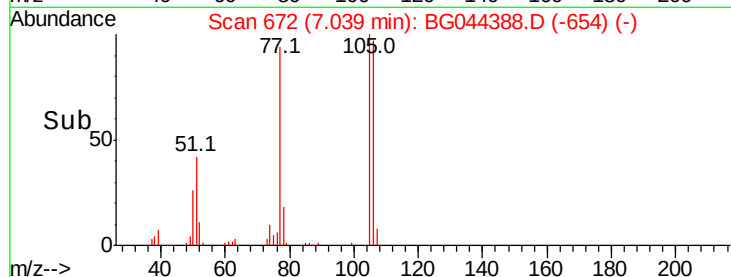
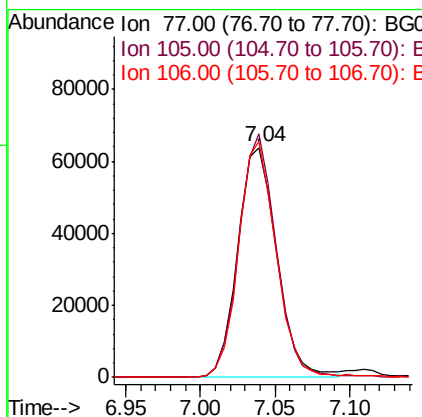
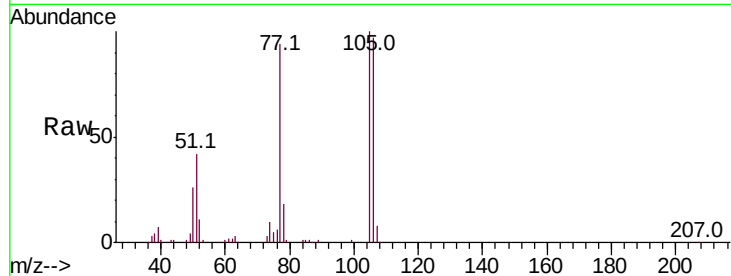
ClientSampleId :

PB126698BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.9	82.0	122.0
106	102.4	80.7	120.7

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#10

Phenol

Concen: 43.631 ng

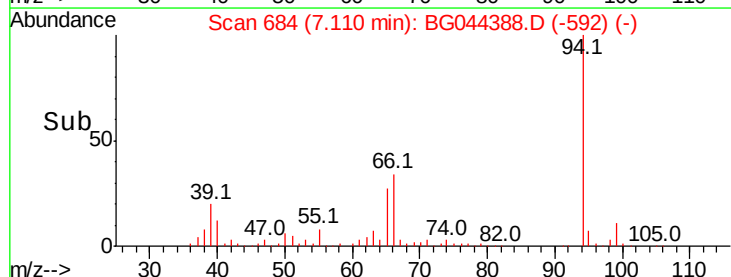
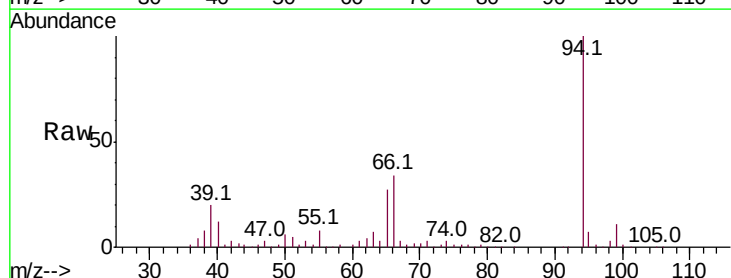
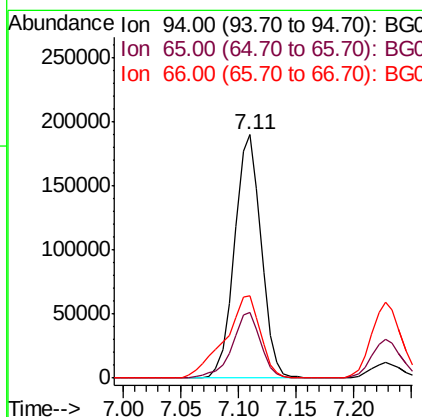
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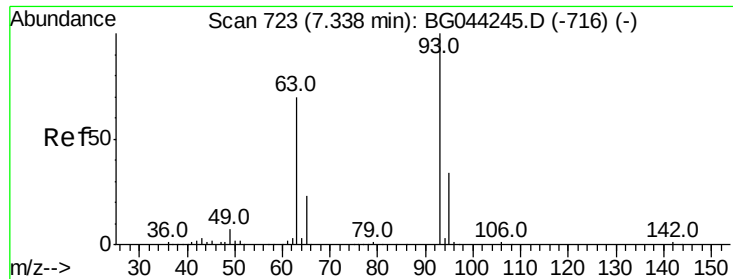
Delta R.T. 0.01 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.0	47.0
66	34.0	12.7	52.7





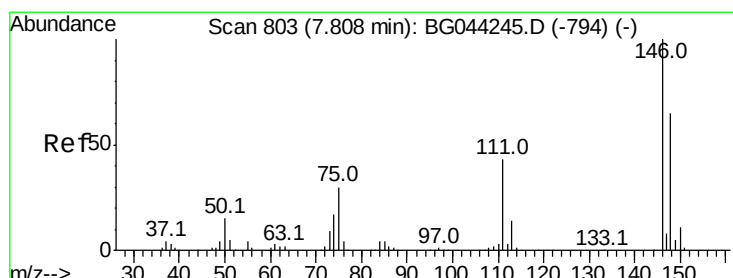
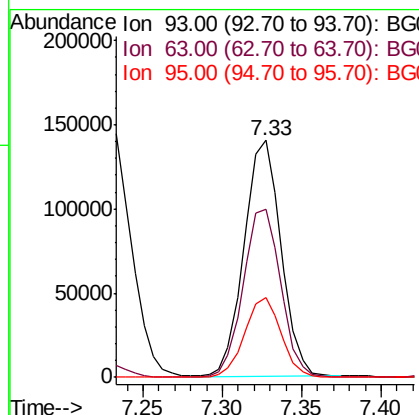
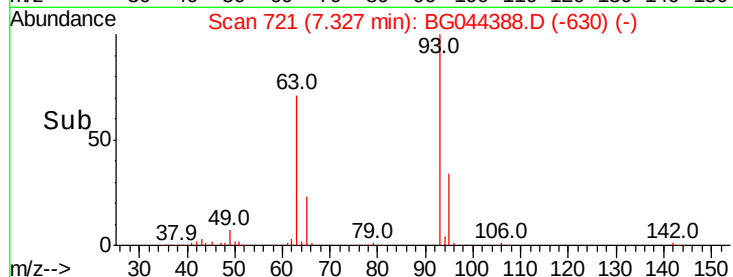
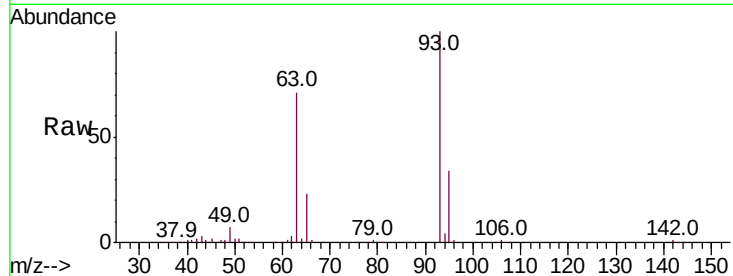
#11
bis(2-Chloroethyl)ether
Concen: 38.151 ng
RT: 7.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.0	49.2	89.2
95	33.5	13.6	53.6

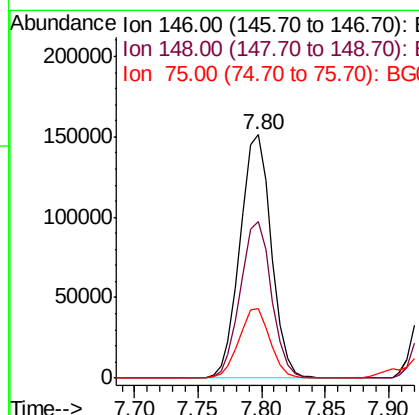
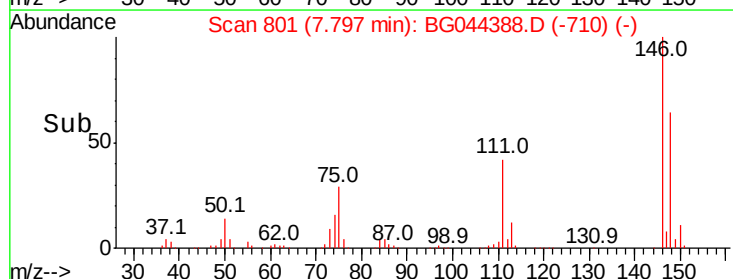
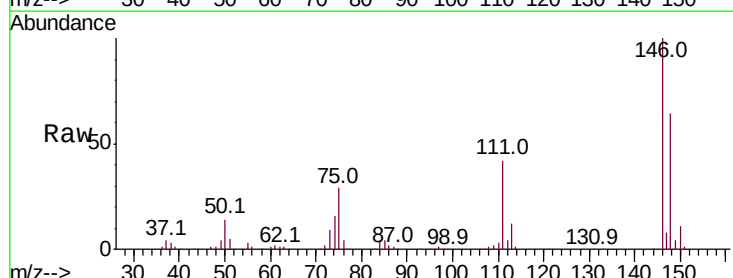
Manual Integrations
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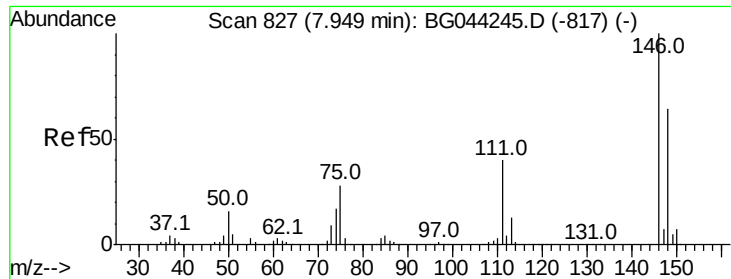
mohammad
2/13/2020 3:32:33 PM



#12
1,3-Dichlorobenzene
Concen: 37.800 ng
RT: 7.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	28.6	23.7	35.5





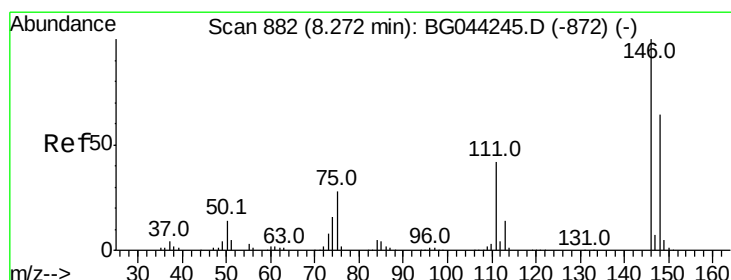
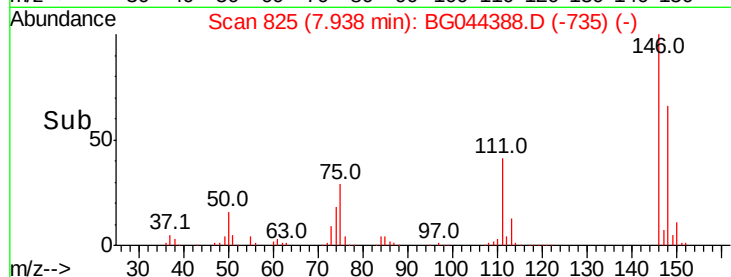
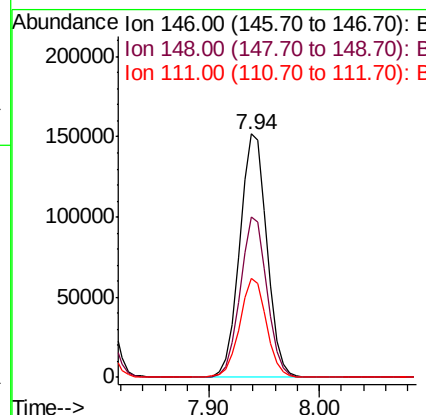
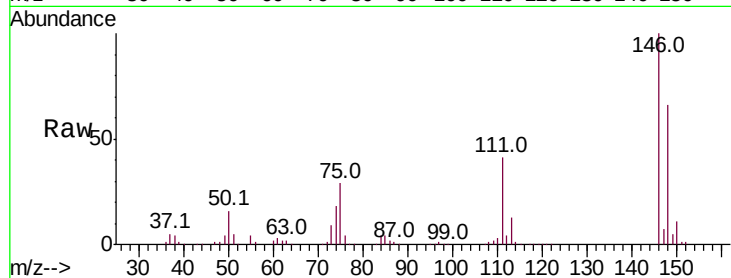
#13
 1,4-Dichlorobenzene
 Concen: 38.493 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.4	77.0
111	40.7	31.8	47.8

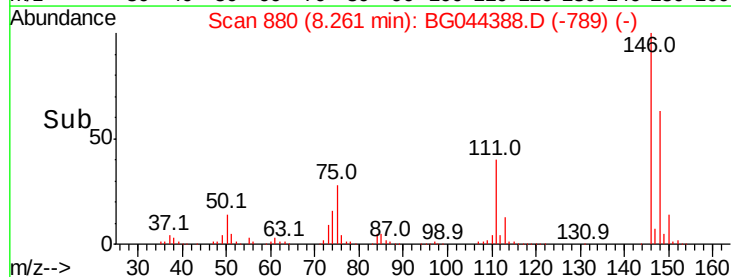
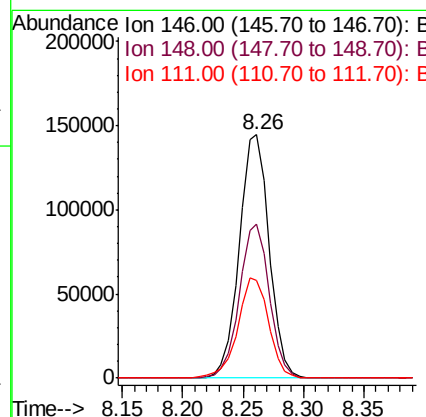
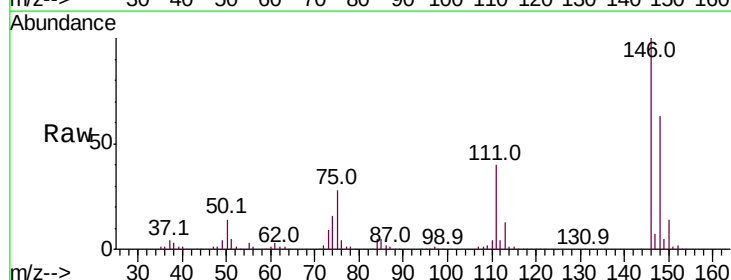
Manual Integrations
 APPROVED

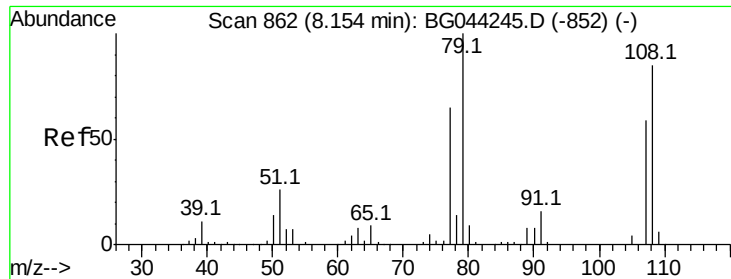
mohammad
 2/13/2020 3:32:33 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.769 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.2	76.8
111	40.3	34.0	51.0





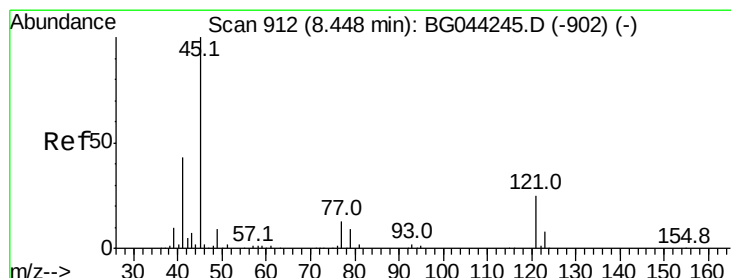
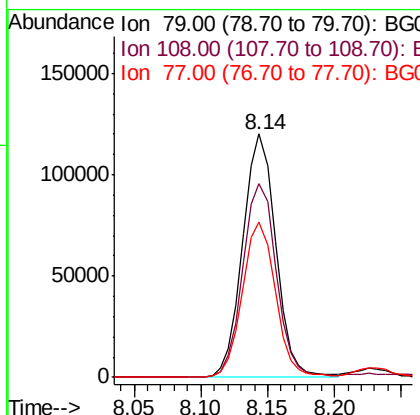
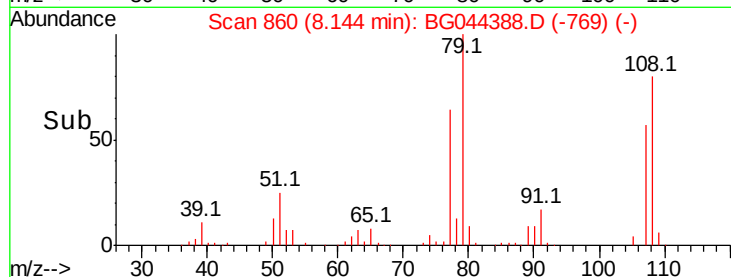
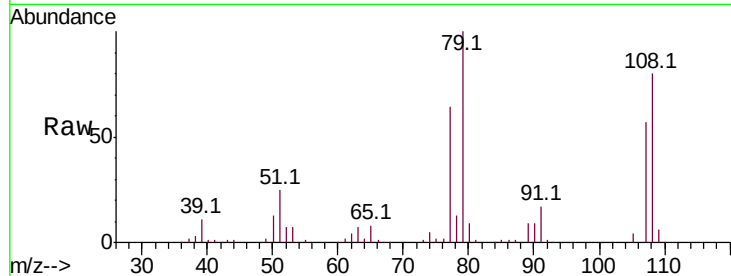
#15
Benzyl Alcohol
Concen: 41.438 ng
RT: 8.14 min Scan# 860
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	68.3	102.5
77	63.7	51.8	77.8

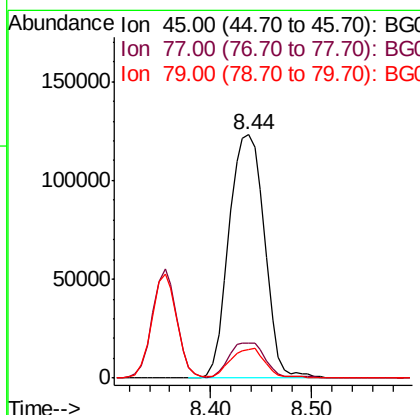
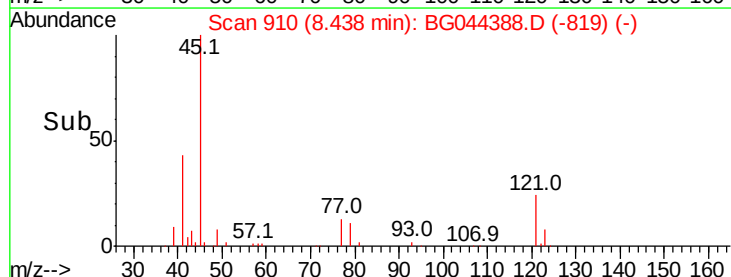
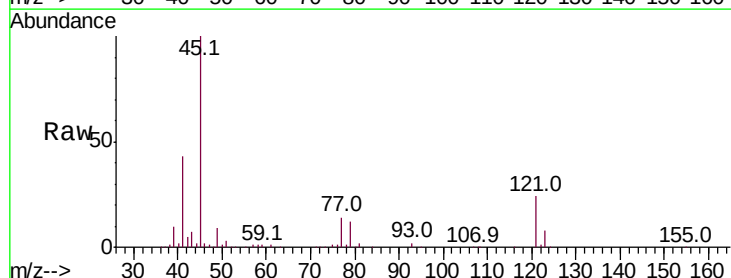
Manual Integrations
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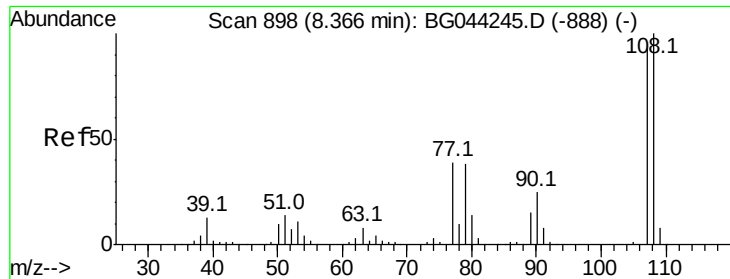
mohammad
2/13/2020 3:32:33 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.172 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	35.2
79	11.9	0.0	31.1





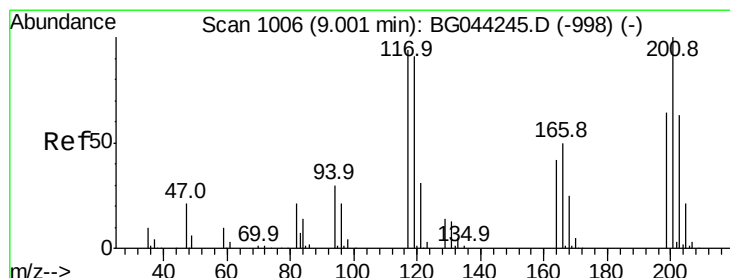
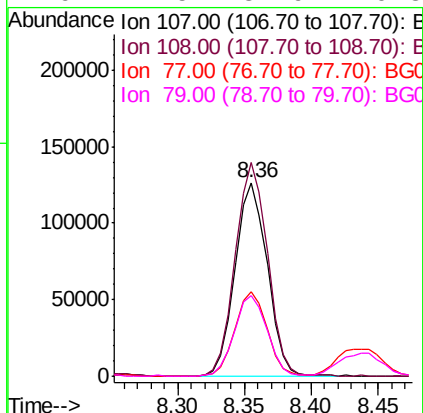
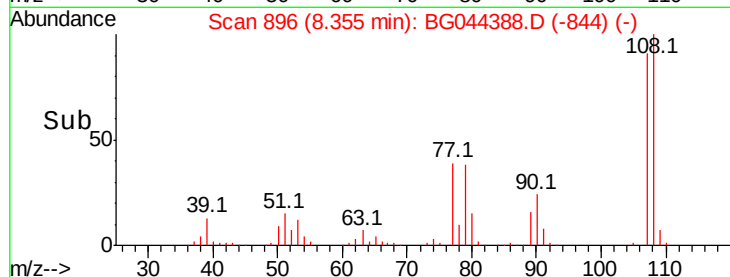
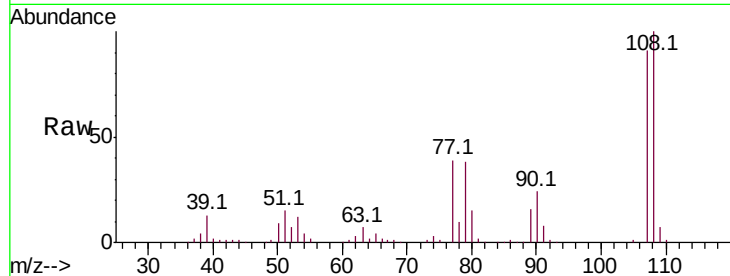
#17
2-Methylphenol
Concen: 42.933 ng
RT: 8.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	212951		
108	110.4	86.4	129.6	
77	43.5	34.0	51.0	
79	41.5	32.9	49.3	

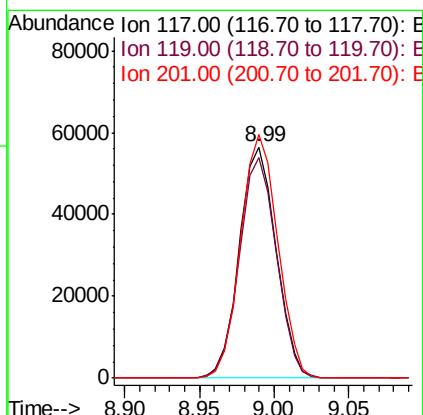
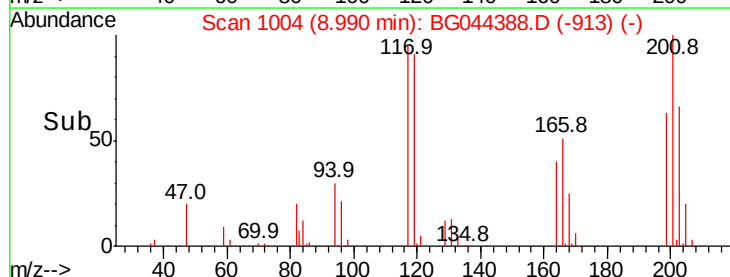
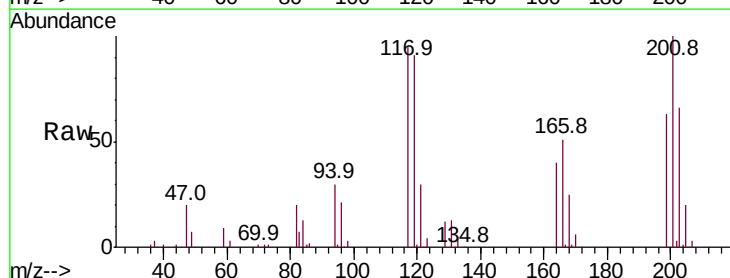
Manual Integrations
APPROVED

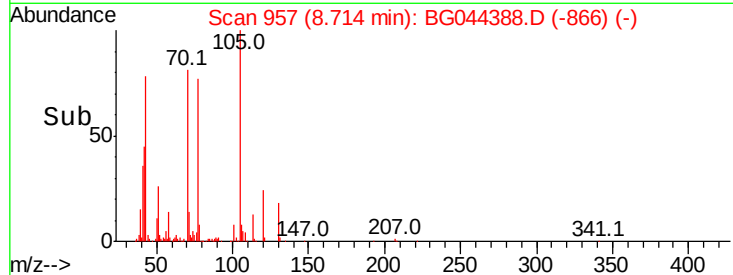
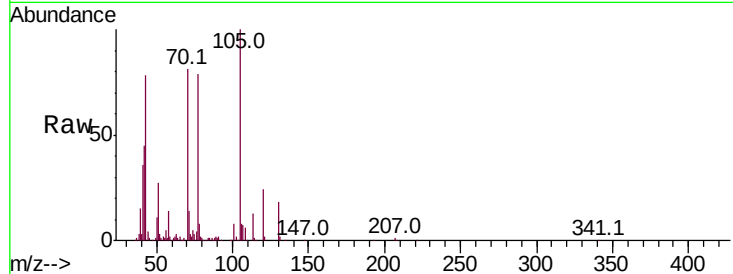
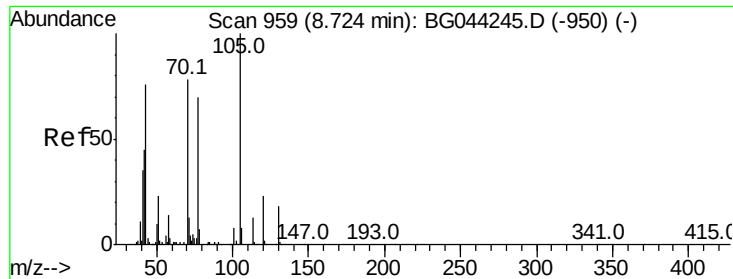
mohammad
2/13/2020 3:32:33 PM



#18
Hexachloroethane
Concen: 37.851 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	96565		
119	95.7	77.5	116.3	
201	105.5	84.9	127.3	





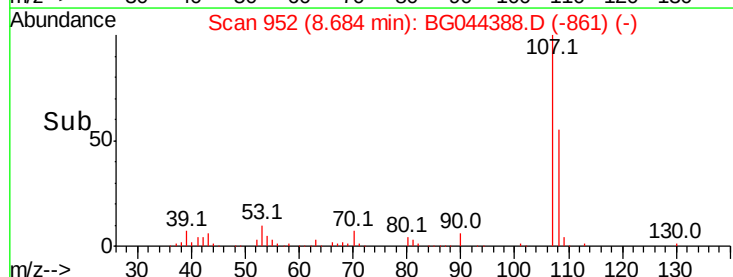
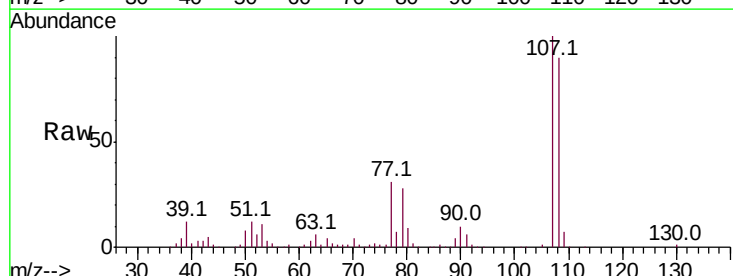
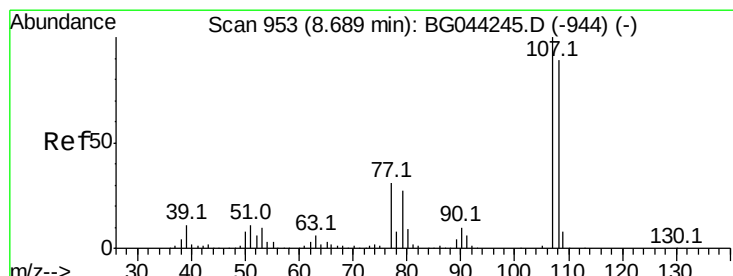
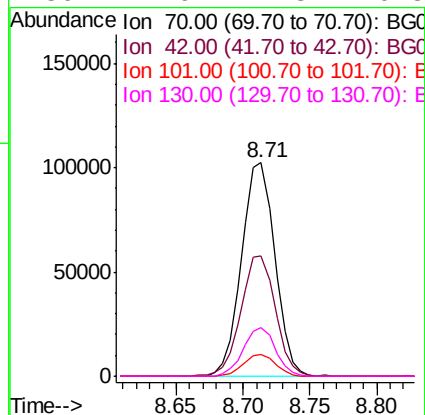
#19
n-Nitroso-di-n-propylamine
Concen: 37.843 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	46.2	69.2	
101	9.9	8.4	12.6	
130	22.6	17.8	26.8	

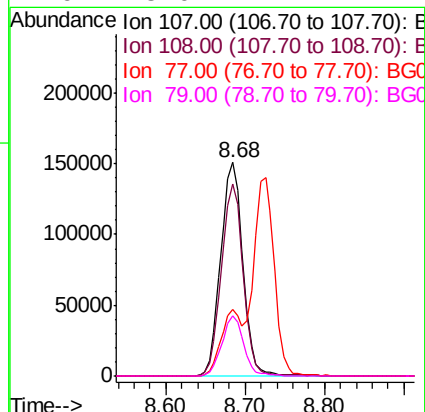
Manual Integrations
APPROVED

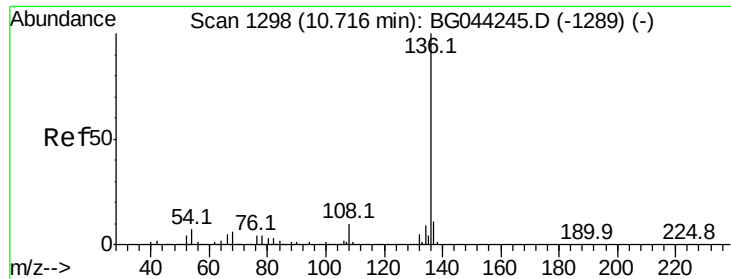
mohammad
2/13/2020 3:32:33 PM



#20
3+4-Methylphenols
Concen: 42.638 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	68.5	108.5	
77	31.4	10.9	50.9	
79	28.0	7.1	47.1	





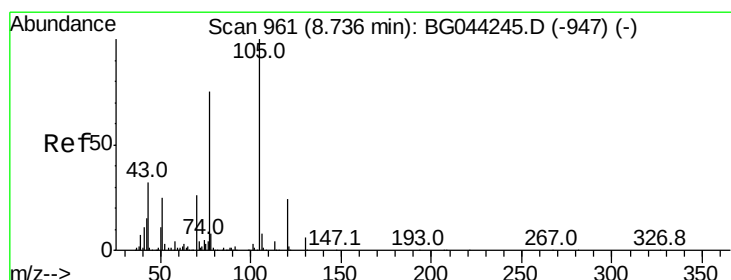
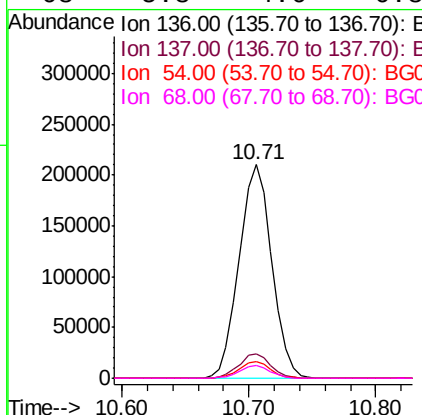
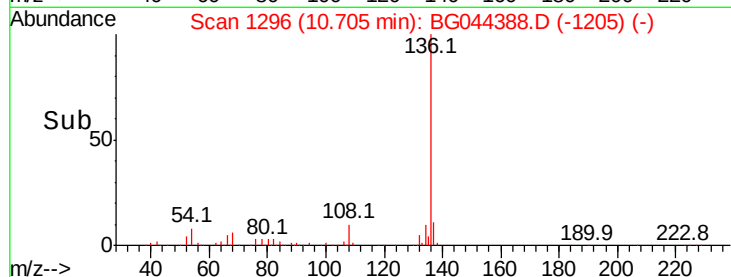
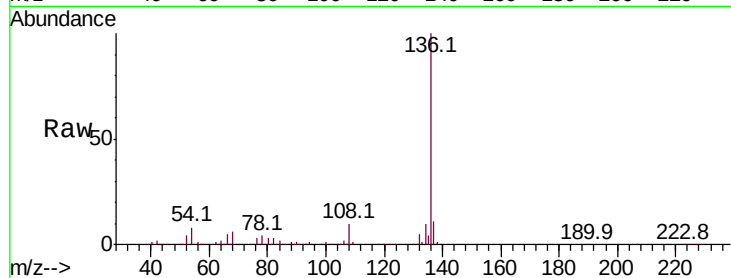
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.8	13.2	
54	7.6	5.8	8.8	
68	5.8	4.6	6.8	

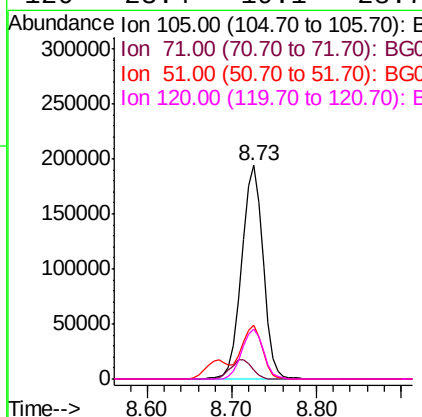
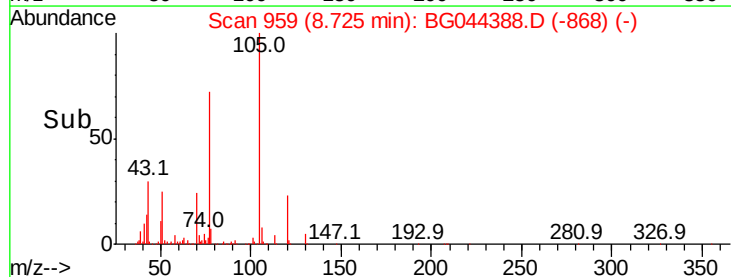
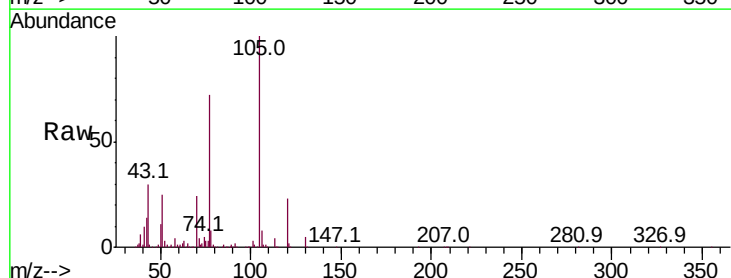
Manual Integrations
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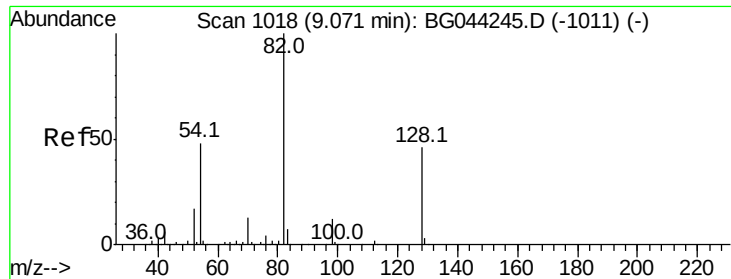
mohammad
2/13/2020 3:32:33 PM



#22
Acetophenone
Concen: 37.325 ng
RT: 8.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.0	3.4	5.0	
51	25.2	20.2	30.4	
120	23.4	19.1	28.7	





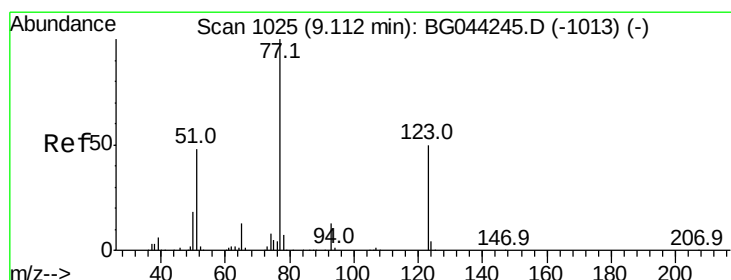
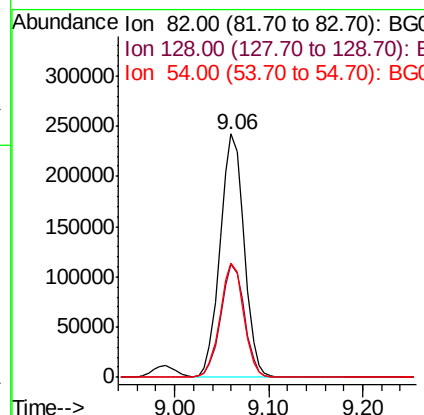
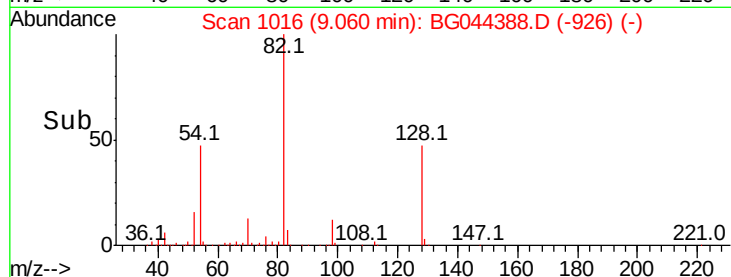
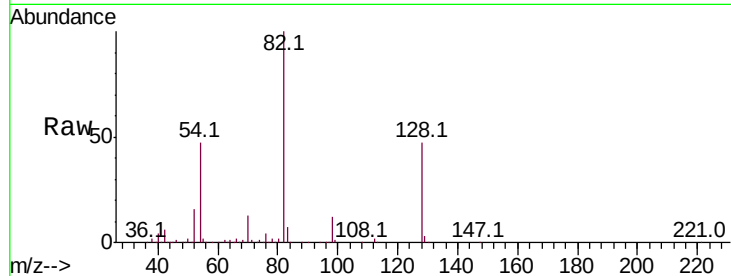
#23
 Nitrobenzene-d5
 Concen: 65.223 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.5	54.7
54	47.0	38.6	58.0

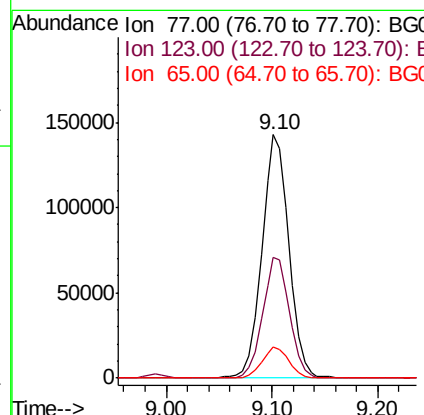
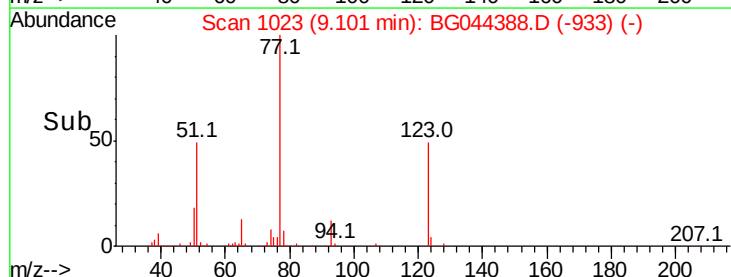
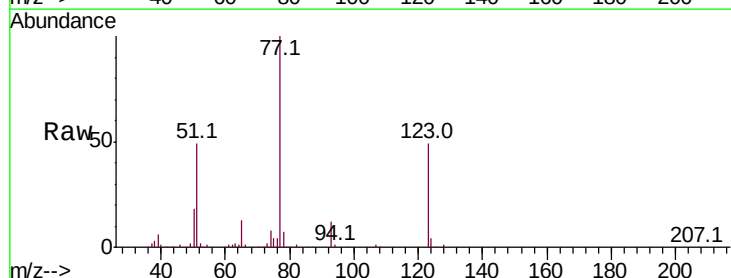
Manual Integrations
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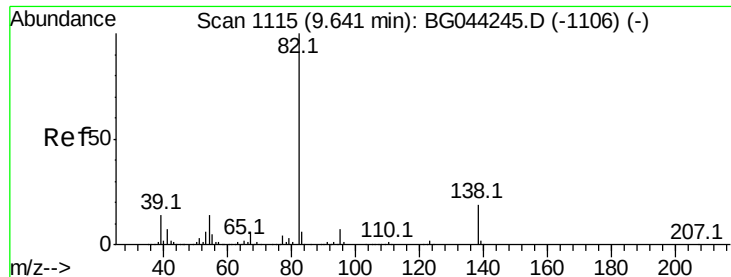
mohammad
 2/13/2020 3:32:33 PM



#24
 Nitrobenzene
 Concen: 39.077 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	39.9	59.9
65	12.8	10.4	15.6





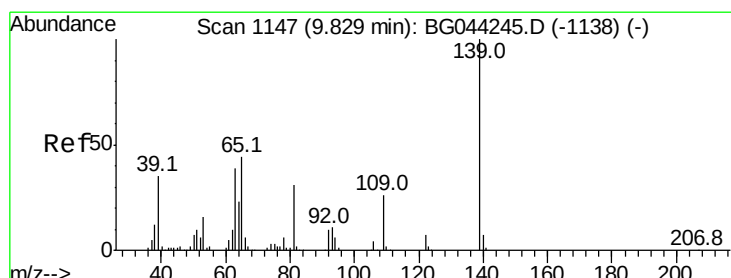
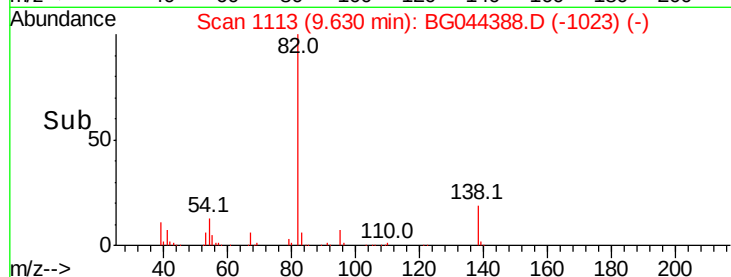
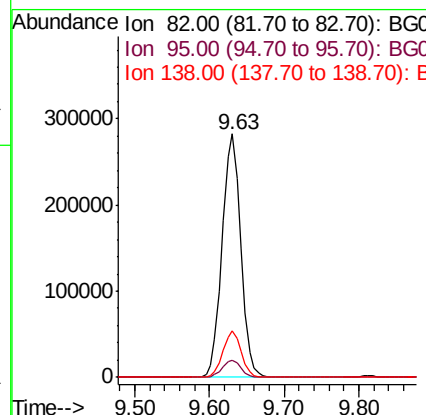
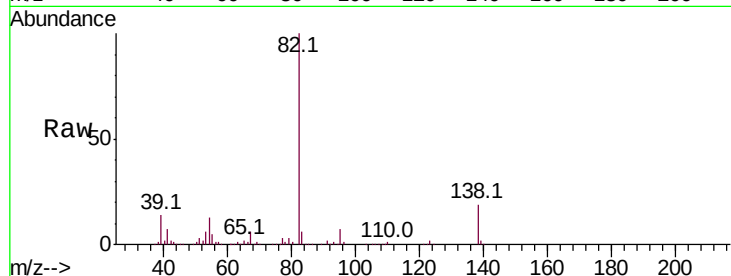
#25
Isophorone
Concen: 39.583 ng
RT: 9.63 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	489419		
95	7.1		5.7	8.5
138	19.2		15.0	22.4

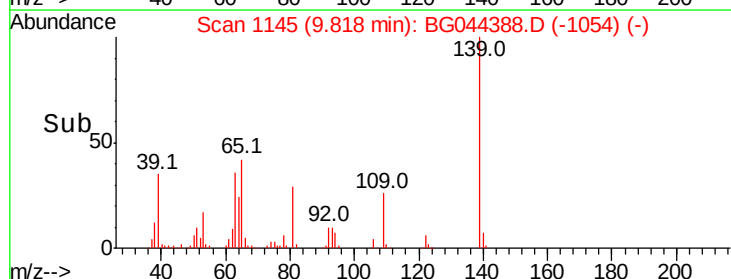
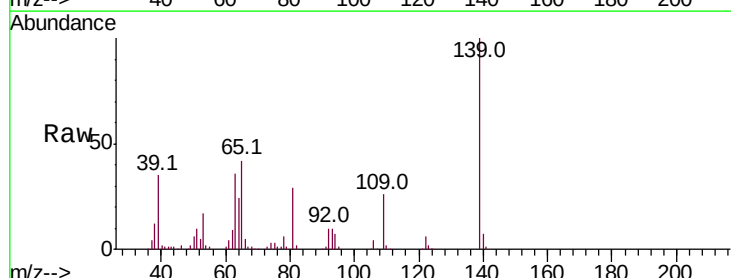
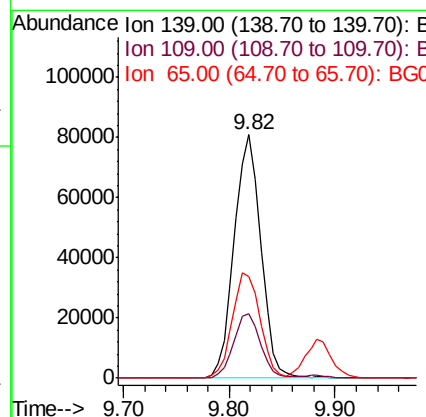
Manual Integrations
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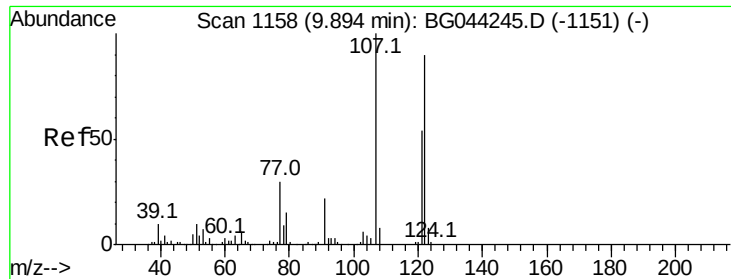
mohammad
2/13/2020 3:32:33 PM



#26
2-Nitrophenol
Concen: 41.993 ng
RT: 9.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	141112		
109	26.5		21.0	31.4
65	41.9		35.0	52.4





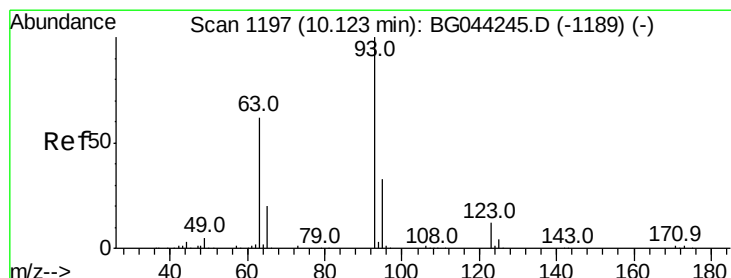
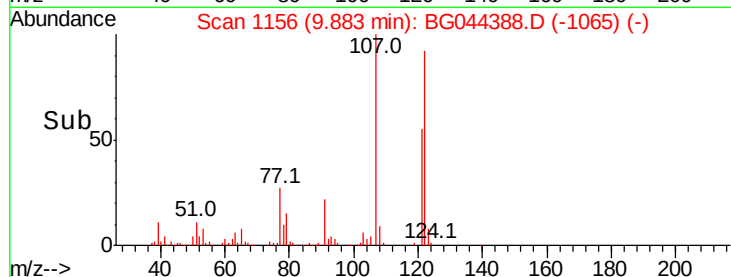
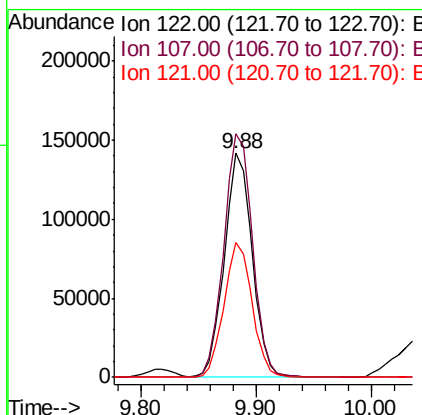
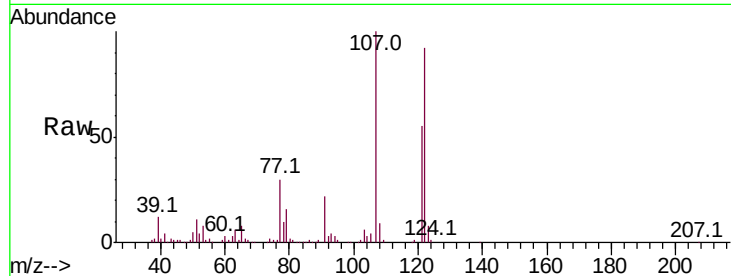
#27
2,4-Dimethylphenol
Concen: 49.904 ng
RT: 9.88 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	236719		
107	108.6		88.8	133.2
121	60.0		48.3	72.5

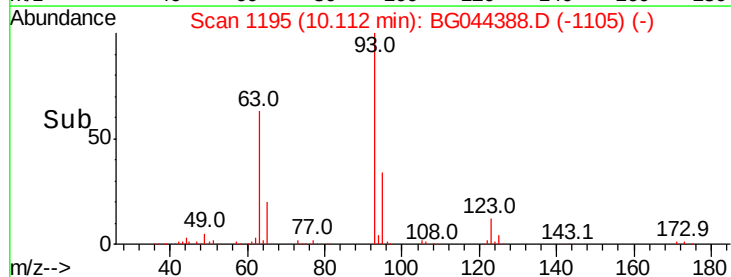
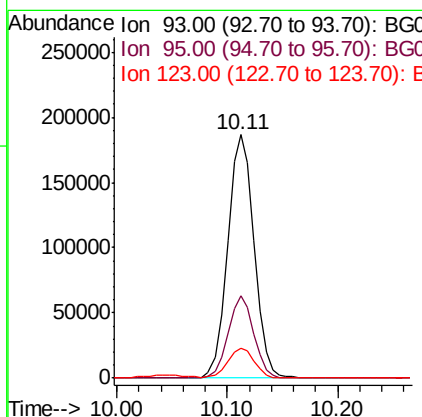
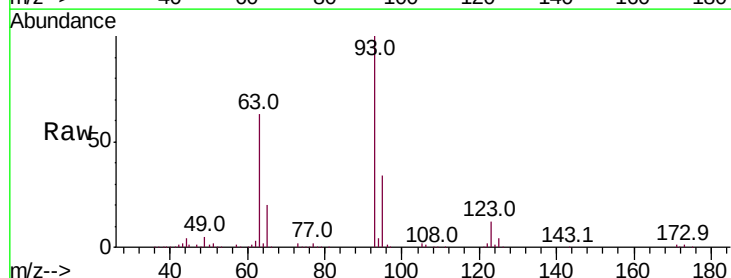
Manual Integrations
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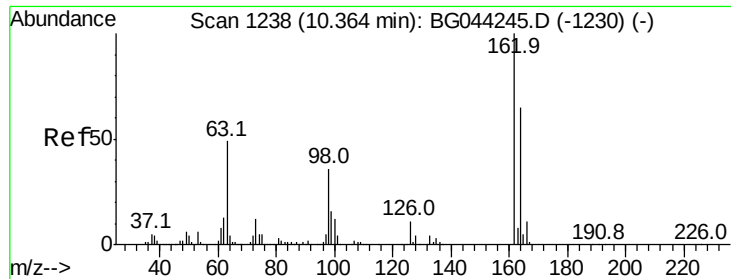
mohammad
2/13/2020 3:32:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.860 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	312275		
95	33.7		26.6	40.0
123	12.4		10.0	15.0





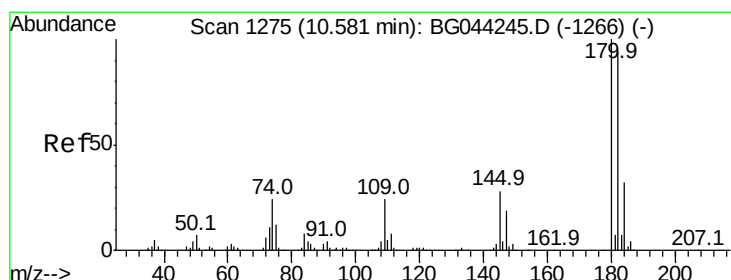
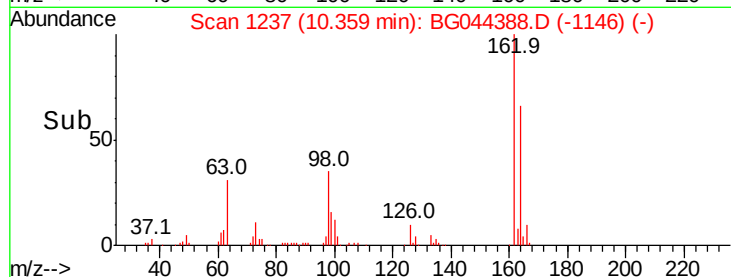
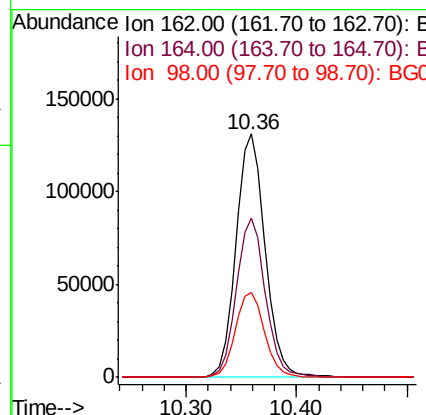
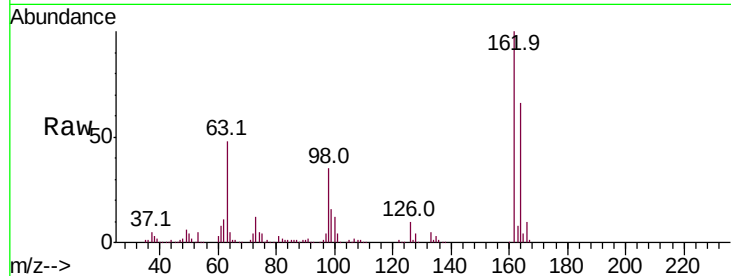
#29
 2,4-Dichlorophenol
 Concen: 42.432 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	243377		
164	65.6	44.7	84.7	
98	35.0	15.8	55.8	

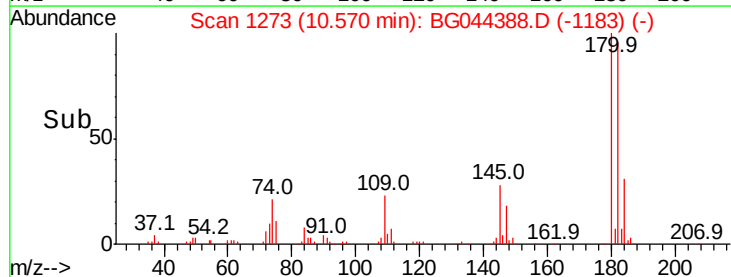
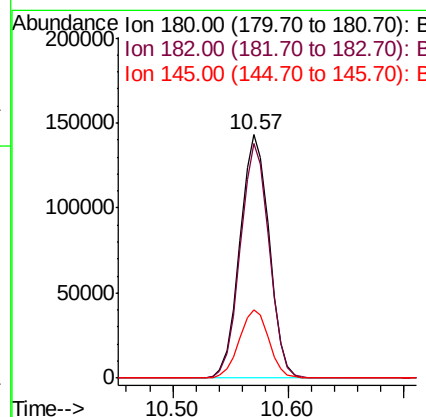
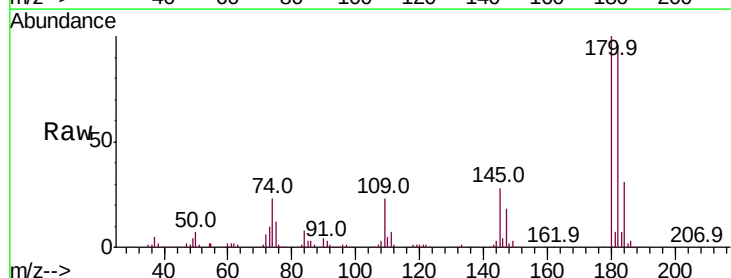
Manual Integrations
 APPROVED

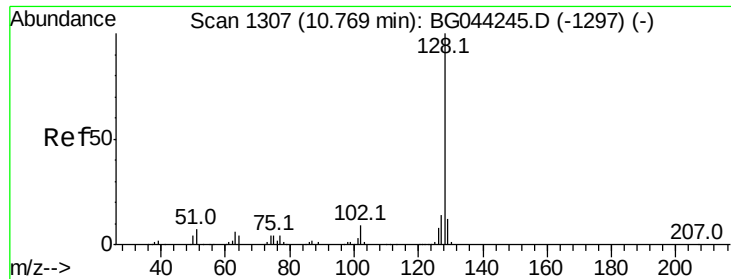
mohammad
 2/13/2020 3:32:33 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.005 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	249953		
182	96.3	75.5	113.3	
145	27.9	22.6	34.0	





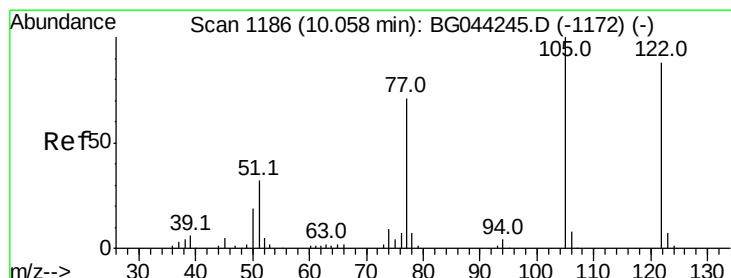
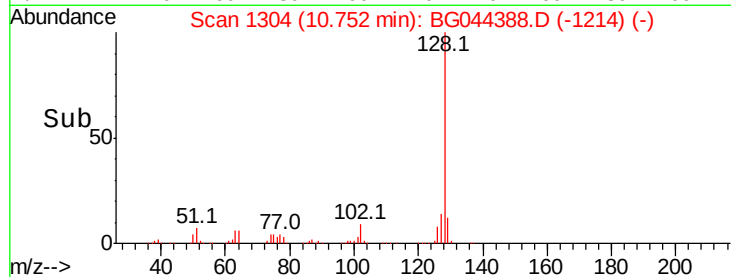
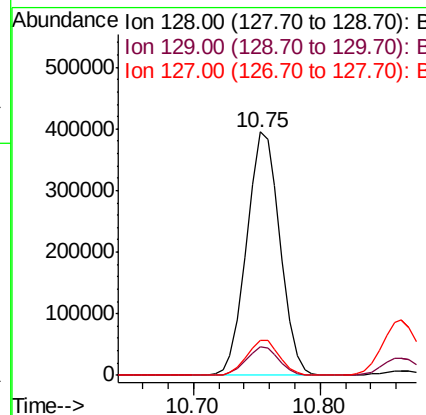
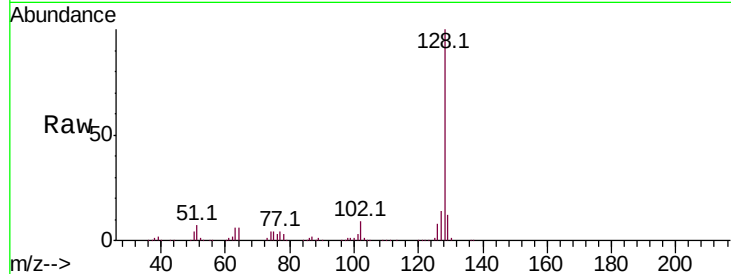
#31
Naphthalene
Concen: 39.600 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.3	13.9	
127	14.3	11.6	17.4	

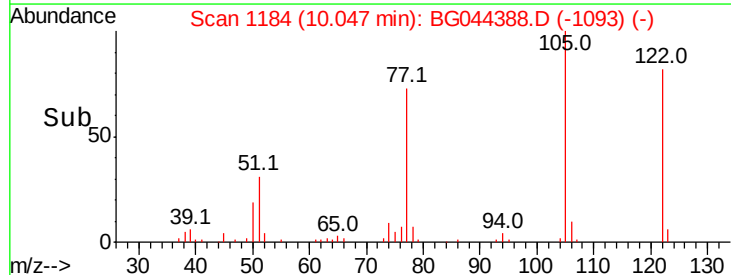
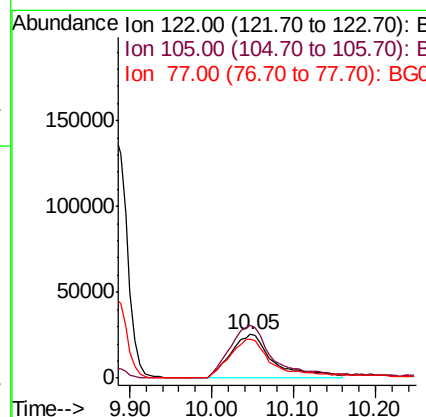
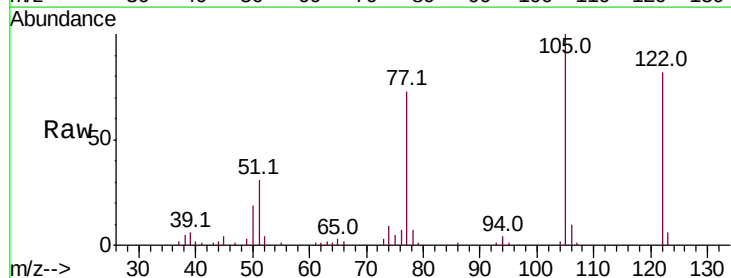
Manual Integrations
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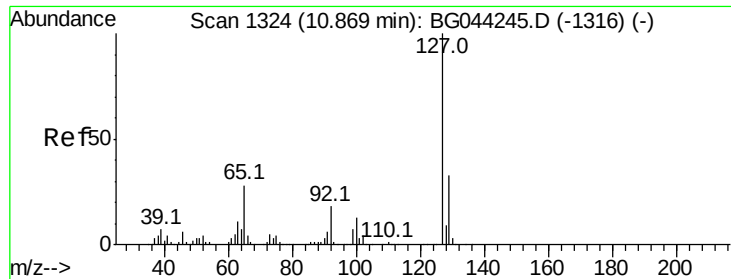
mohammad
2/13/2020 3:32:33 PM



#32
Benzoic acid
Concen: 34.778 ng
RT: 10.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.0	93.5	133.5	
77	89.5	61.0	101.0	





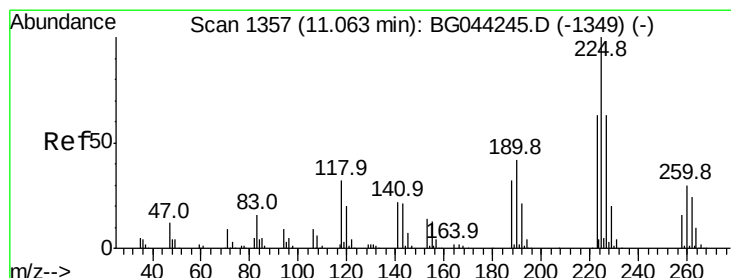
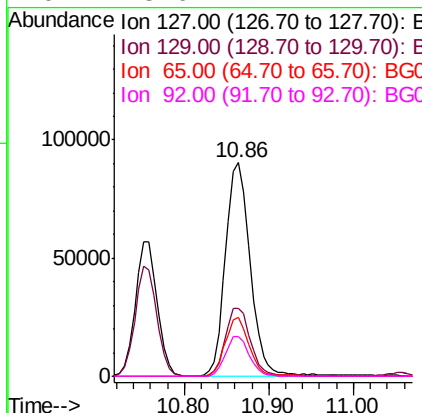
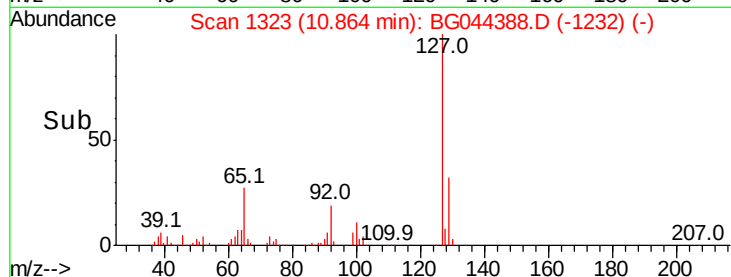
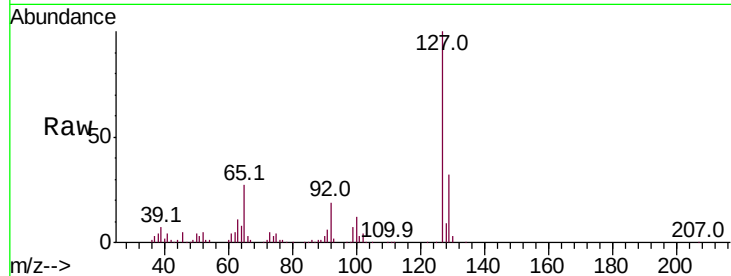
#33
4-Chloroaniline
Concen: 22.223 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampled :
PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.6	40.0	
65	27.3	22.5	33.7	
92	18.6	14.1	21.1	

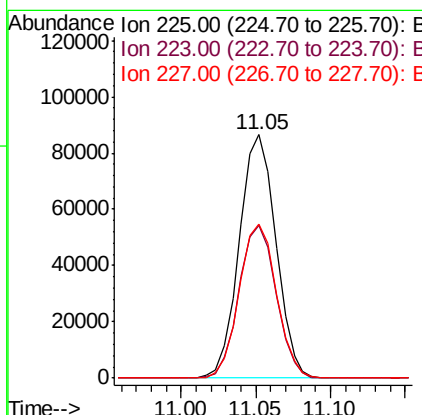
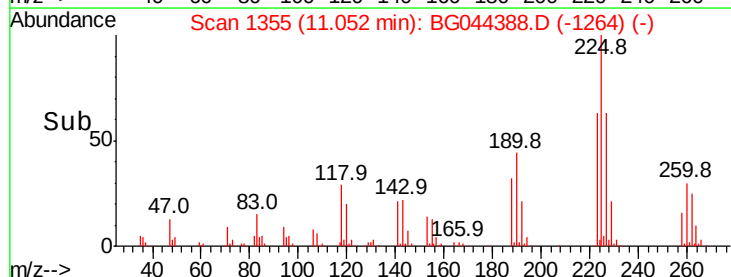
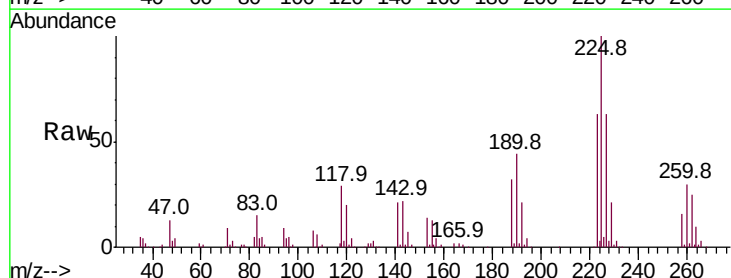
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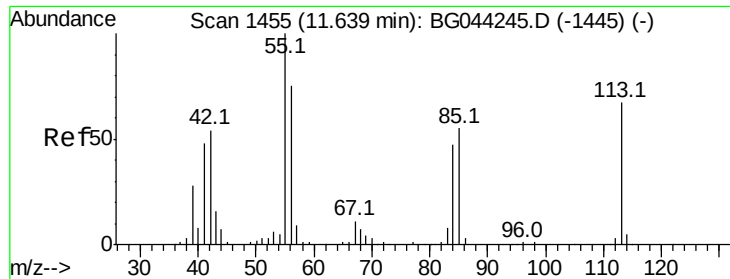
mohammad
2/13/2020 3:32:33 PM



#34
Hexachlorobutadiene
Concen: 36.331 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	50.2	75.4	
227	63.4	50.8	76.2	





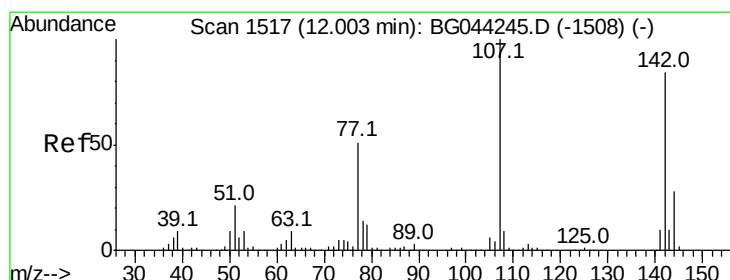
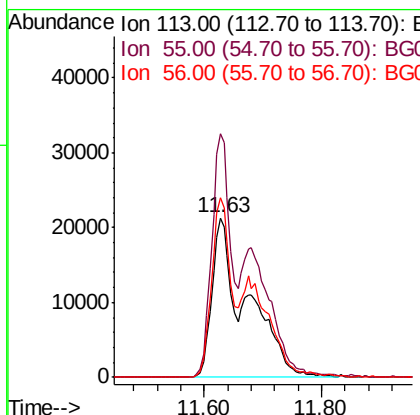
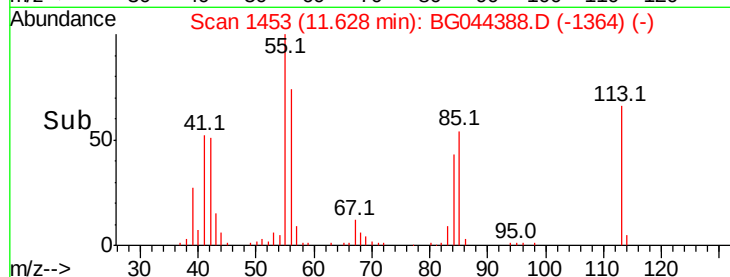
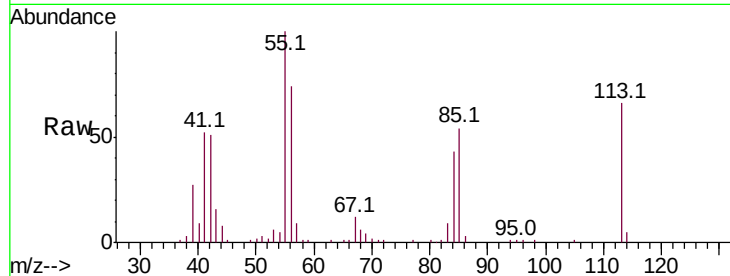
#35
 Caprolactam
 Concen: 41.572 ng/ml
 RT: 11.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.5	129.9	169.9
56	112.1	92.5	132.5

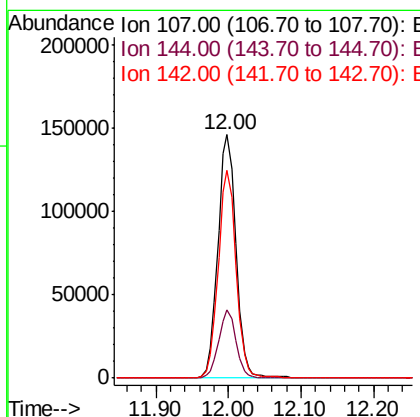
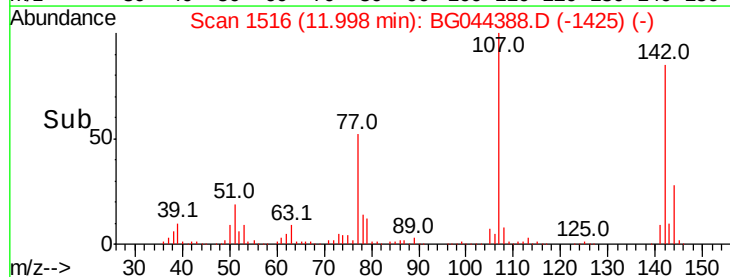
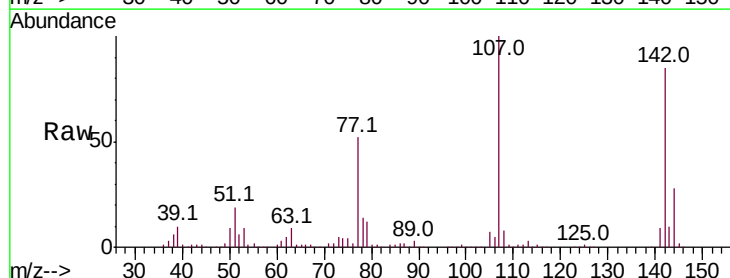
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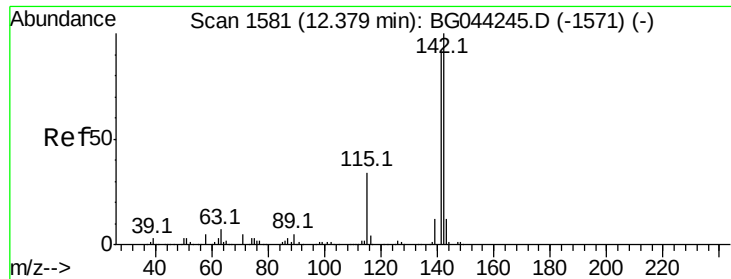
mohammad
 2/13/2020 3:32:33 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.444 ng/ml
 RT: 12.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.2	33.4
142	85.4	67.4	101.0





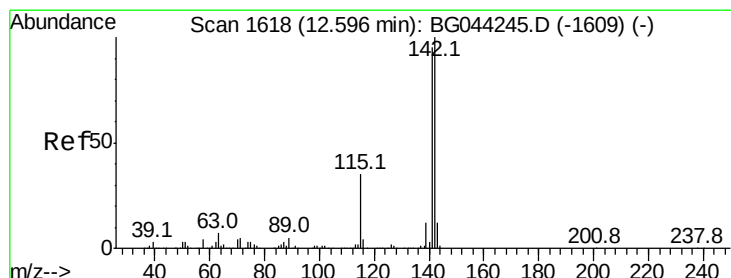
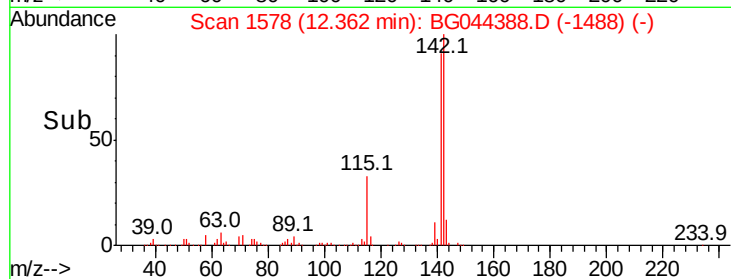
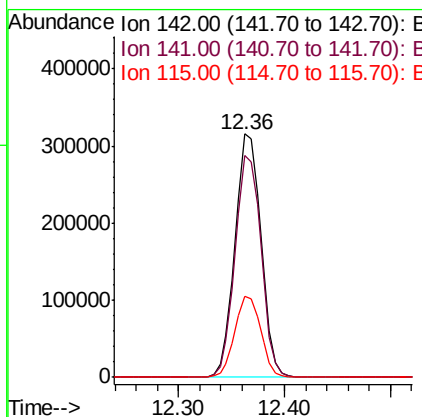
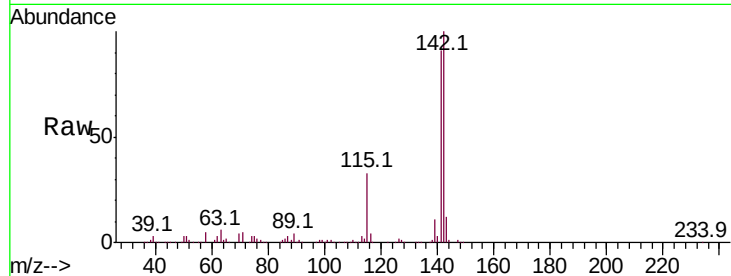
#37
 2-Methylnaphthalene
 Concen: 39.773 ng
 RT: 12.36 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8
115	33.3	27.1	40.7

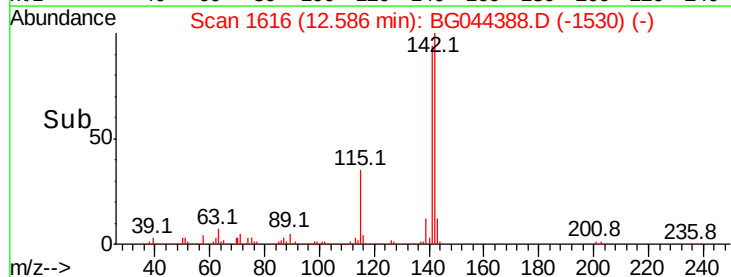
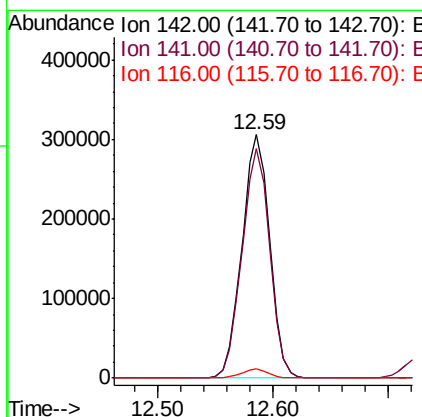
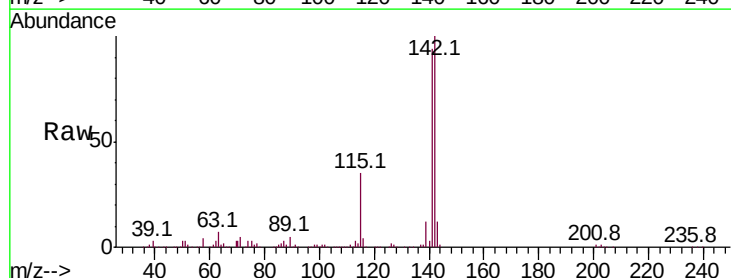
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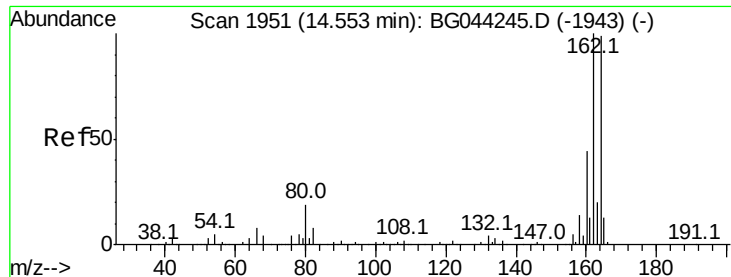
mohammad
 2/13/2020 3:32:33 PM



#38
 1-Methylnaphthalene
 Concen: 39.990 ng
 RT: 12.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

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





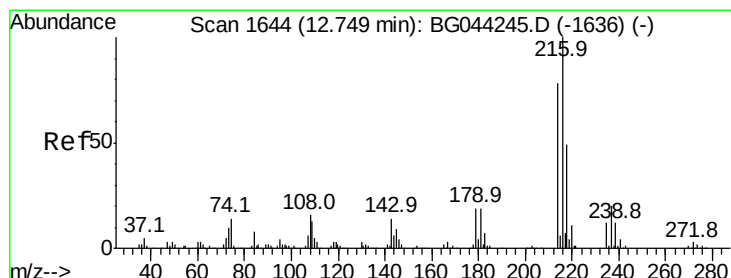
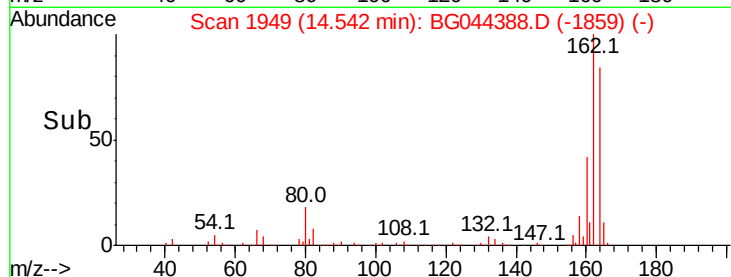
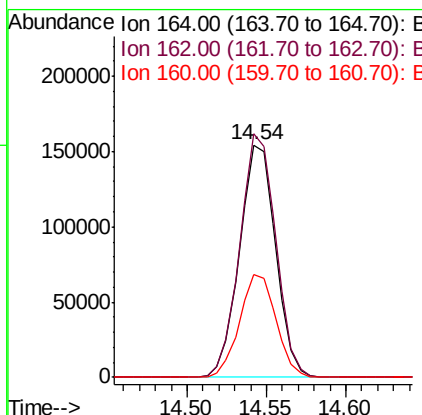
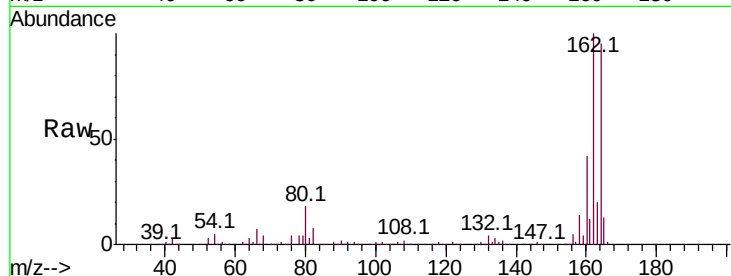
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	80.7	121.1
160	44.3	35.3	52.9

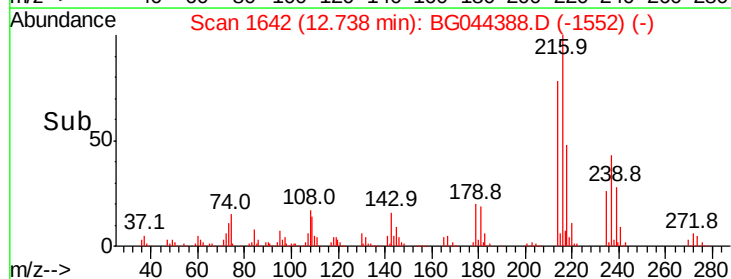
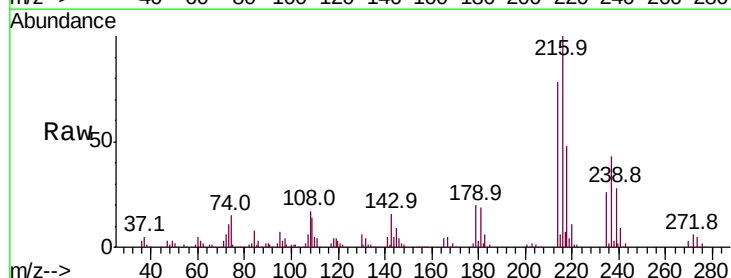
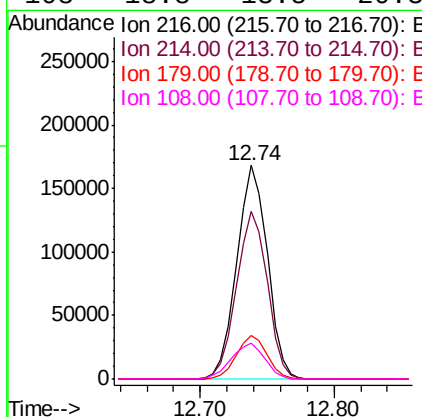
Manual Integrations
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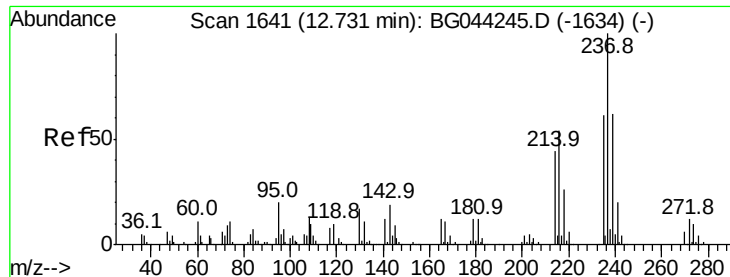
mohammad
2/13/2020 3:32:33 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.640 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.6
179	20.4	16.2	24.4
108	18.8	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 88.985 ng

RT: 12.73 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Instrument :

BNA_G

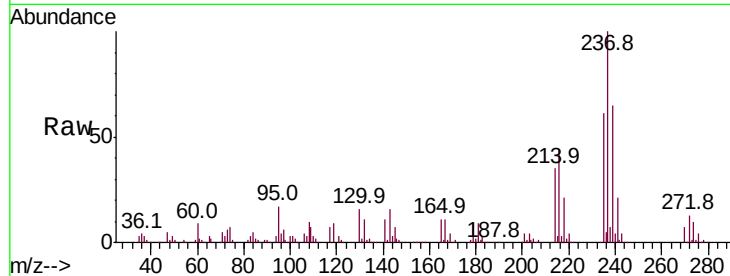
ClientSampleId :

PB126698BSD

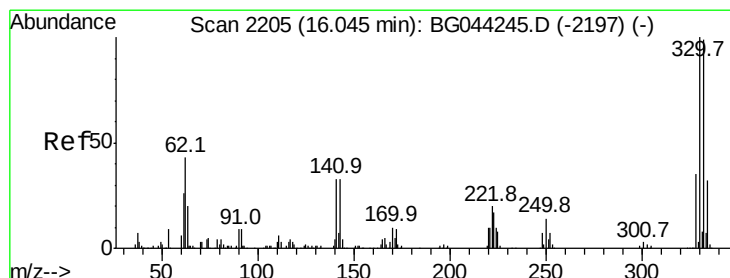
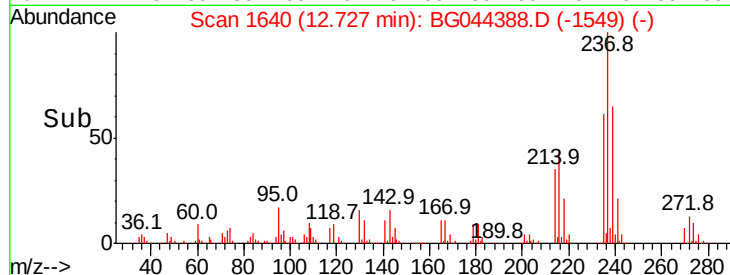
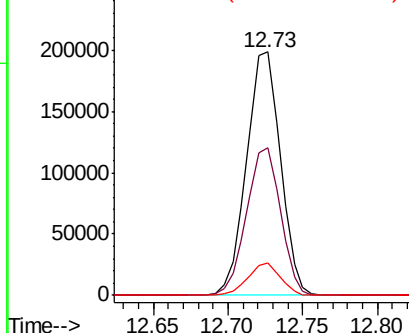
Tot Ion:	237	Resp:	311323
Ion Ratio	Lower	Upper	
237	100		
235	60.8	41.2	81.2
272	13.2	0.0	32.4

Manual Integrations
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2/13/2020 3:32:33 PM



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: 111.594 ng

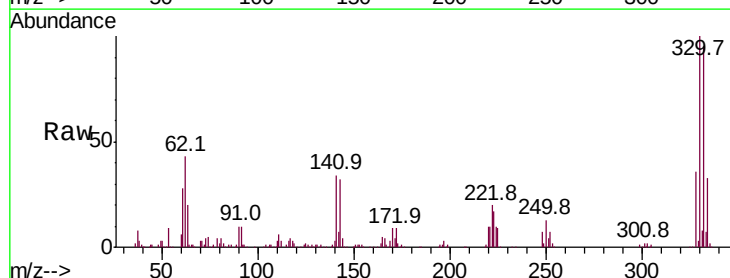
RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

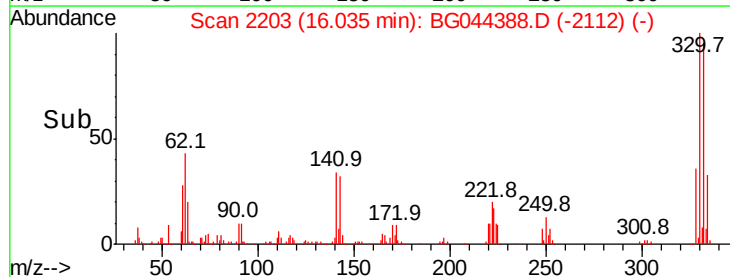
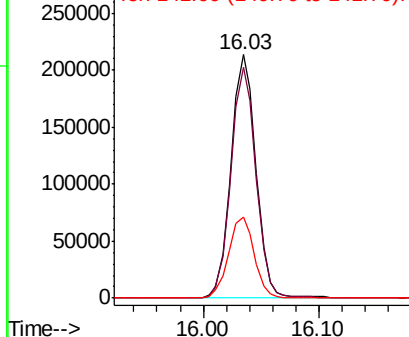
Lab File: BG044388.D

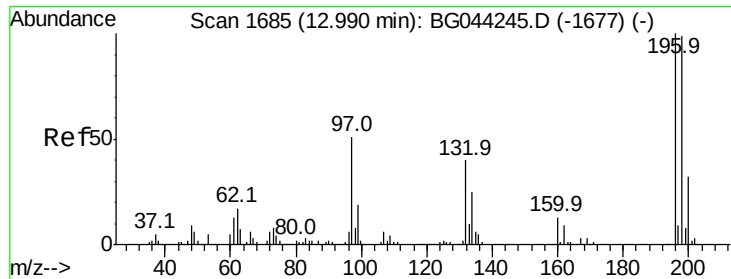
Acq: 11 Feb 2020 14:27

Tgt Ion:	330	Resp:	319323
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.2	115.8
141	34.5	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





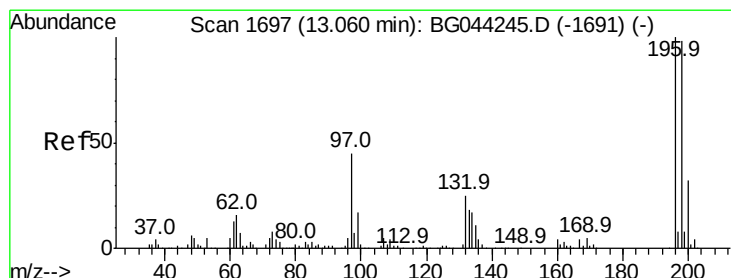
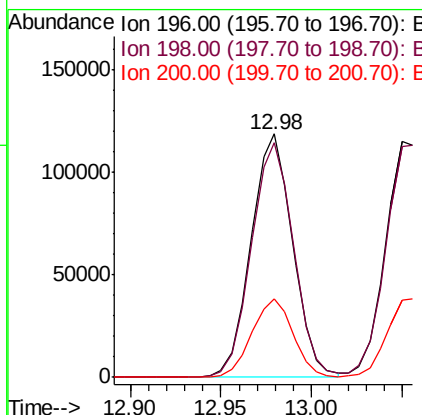
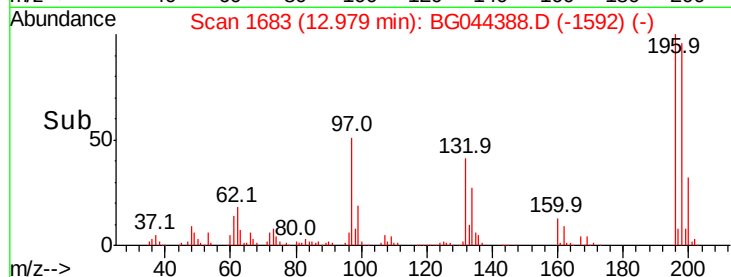
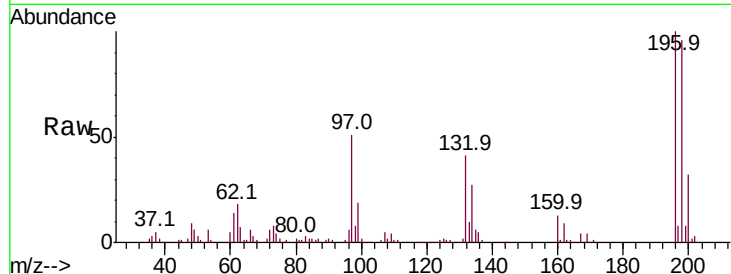
#43
 2,4,6-Trichlorophenol
 Concen: 40.182 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	189374		
198	96.3	79.3	118.9	
200	32.1	25.7	38.5	

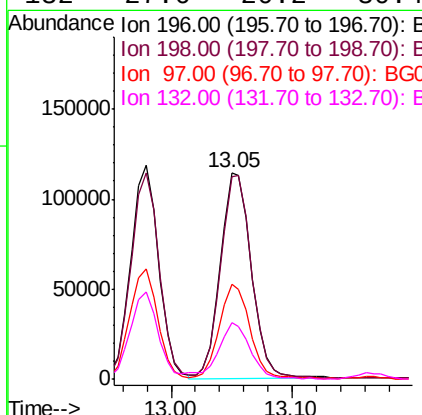
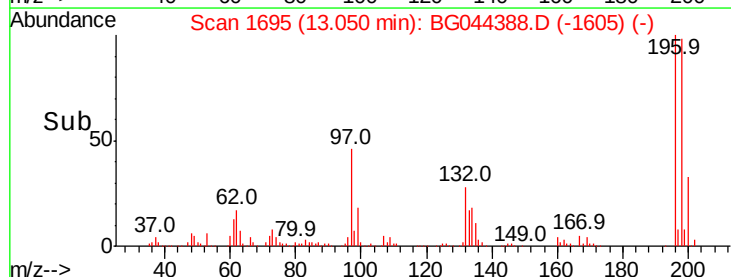
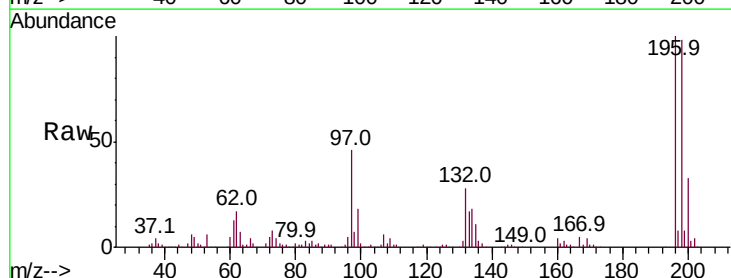
Manual Integrations
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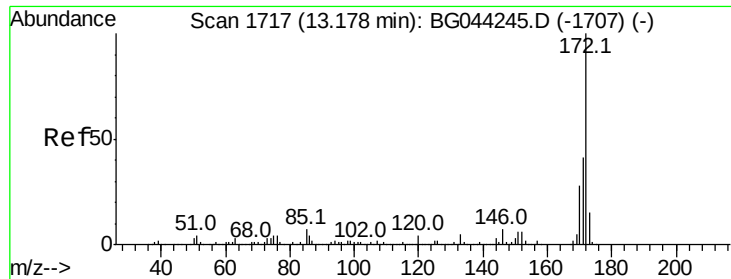
mohammad
 2/13/2020 3:32:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.057 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202453		
198	98.0	78.2	117.2	
97	46.0	36.2	54.4	
132	27.6	20.2	30.4	





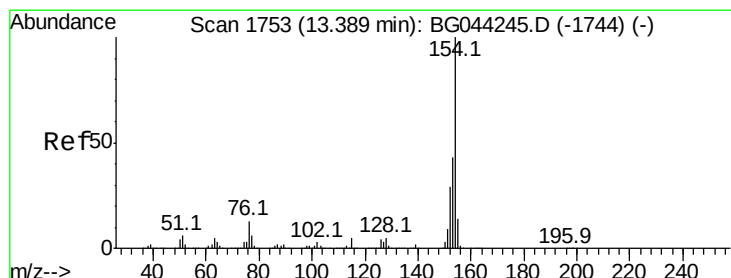
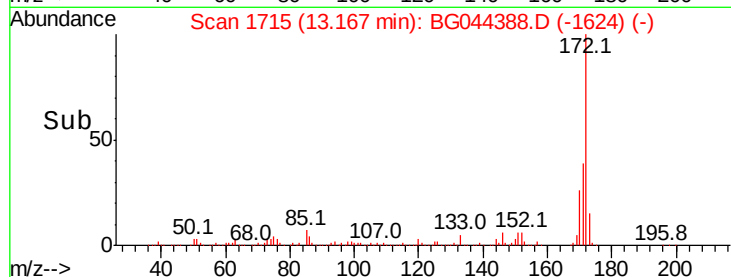
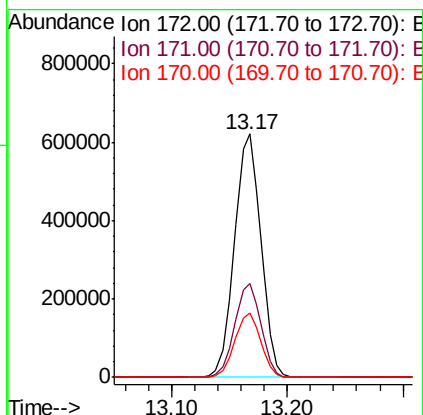
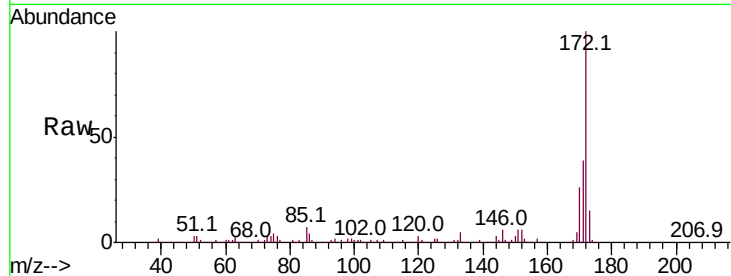
#45
2-Fluorobiphenyl
Concen: 67.284 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.7	32.9	49.3	
170	26.4	22.0	33.0	

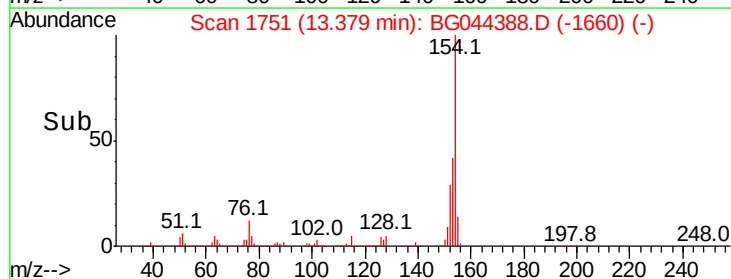
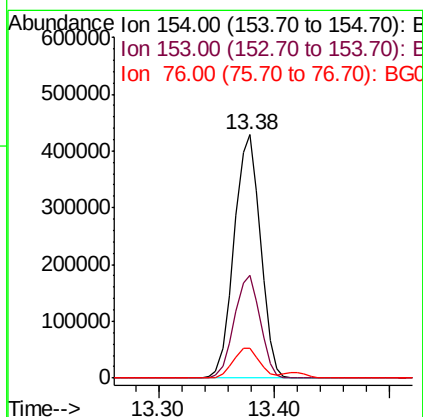
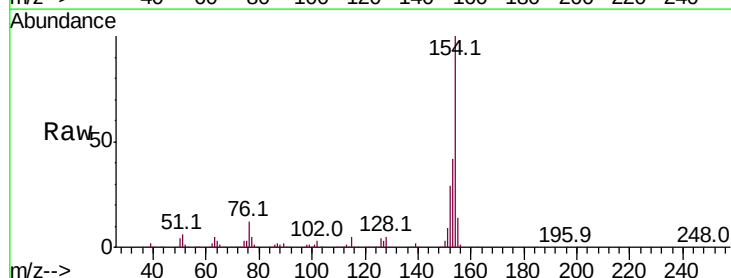
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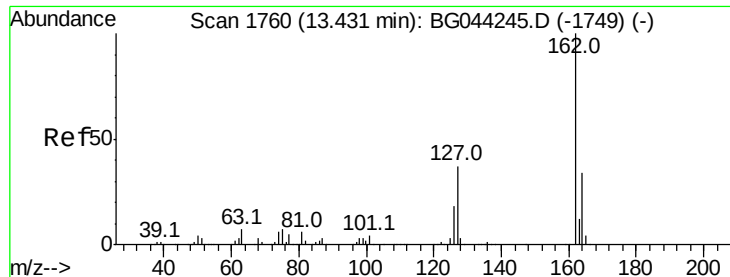
mohammad
2/13/2020 3:32:33 PM



#46
1,1'-Biphenyl
Concen: 38.445 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.5	22.7	62.7	
76	12.2	0.0	32.9	





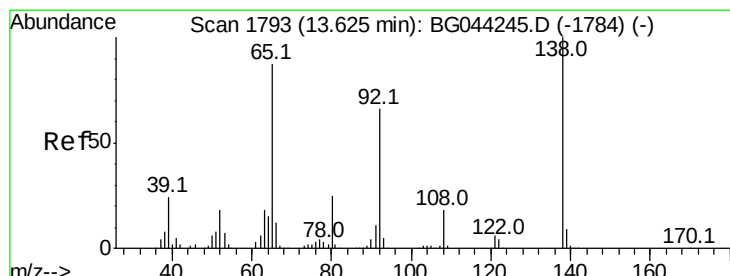
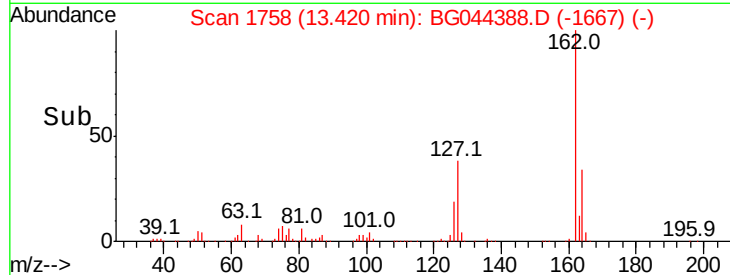
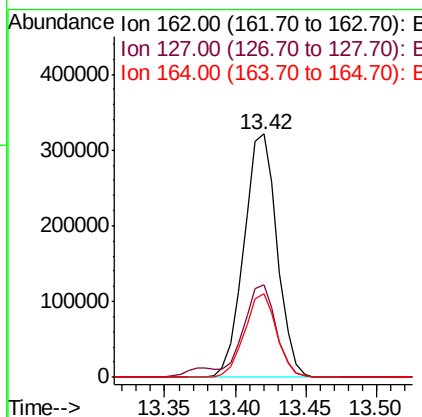
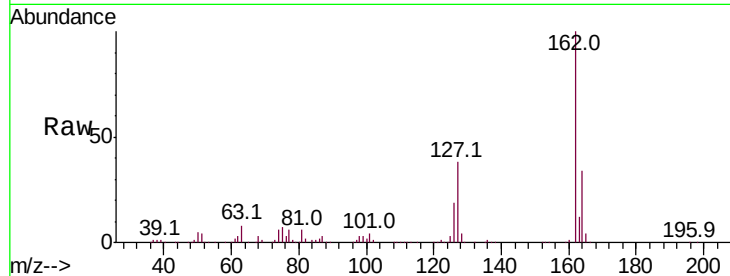
#47
 2-Chloronaphthalene
 Concen: 37.729 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.0	45.0
164	34.2	27.2	40.8

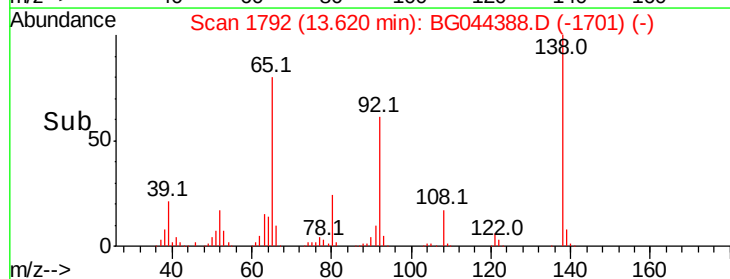
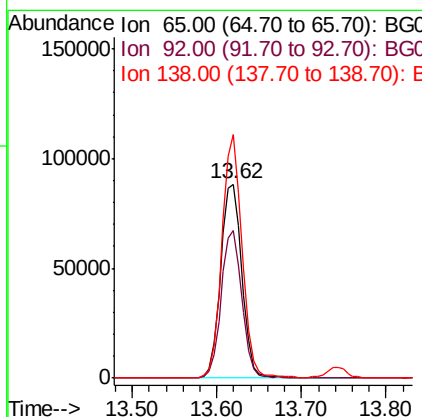
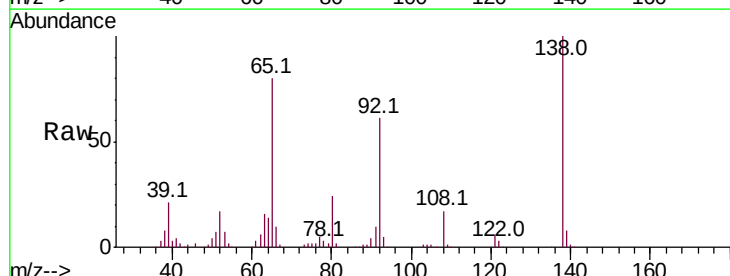
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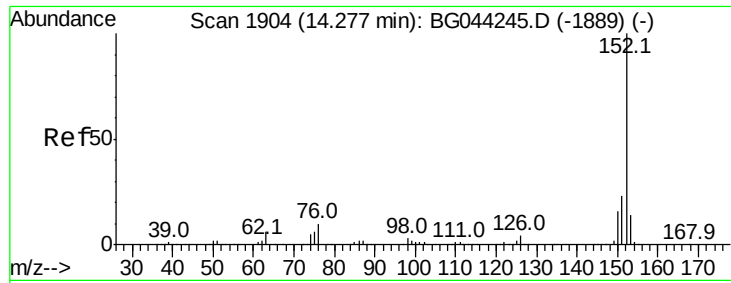
mohammad
 2/13/2020 3:32:33 PM



#48
 2-Nitroaniline
 Concen: 37.448 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.0	60.3	90.5
138	125.4	91.9	137.9





#49

Acenaphthylene

Concen: 40.548 ng

RT: 14.27 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Instrument :

BNA_G

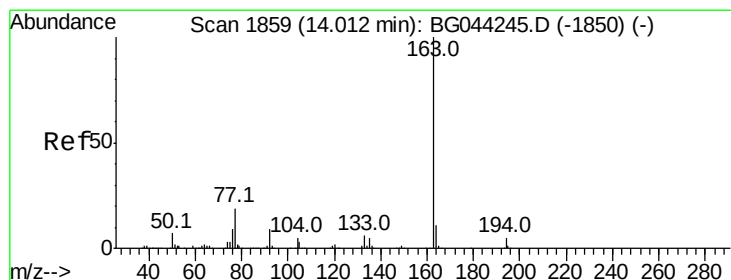
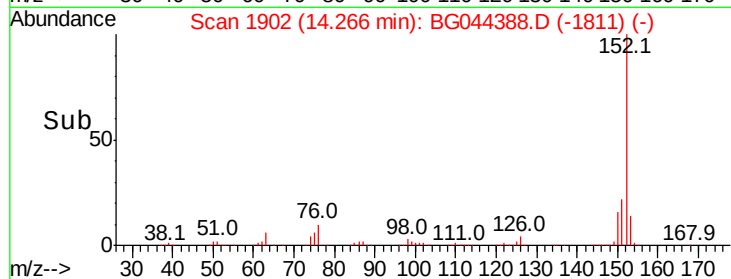
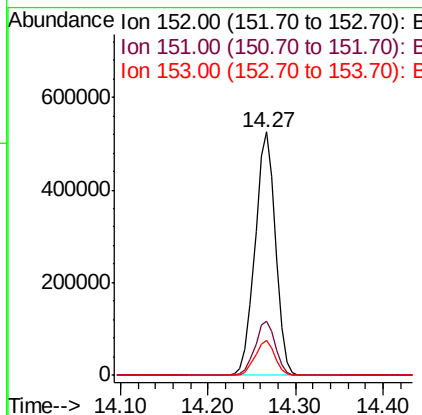
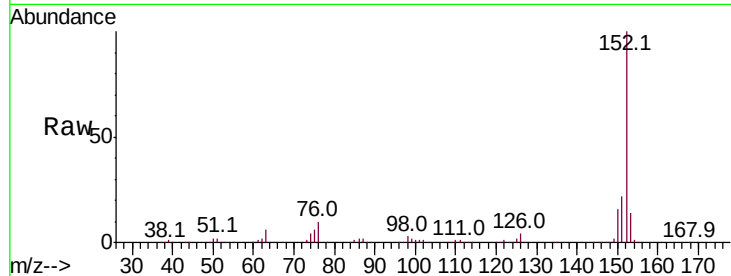
ClientSampleId :

PB126698BSD

Tot Ion:	152	Resp:	832071
Ion Ratio	Lower	Upper	
152	100		
151	22.5	18.1	27.1
153	14.3	11.5	17.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.584 ng

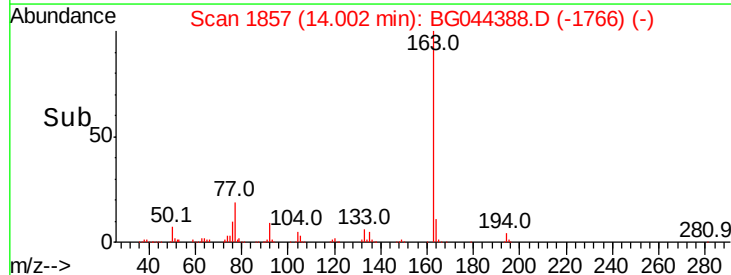
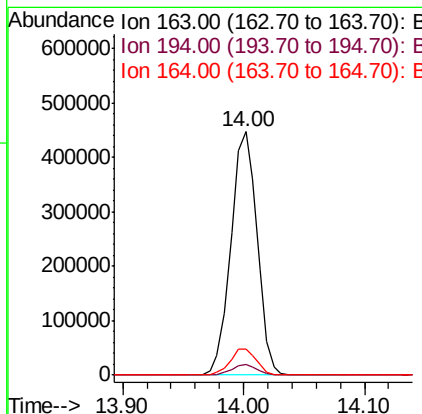
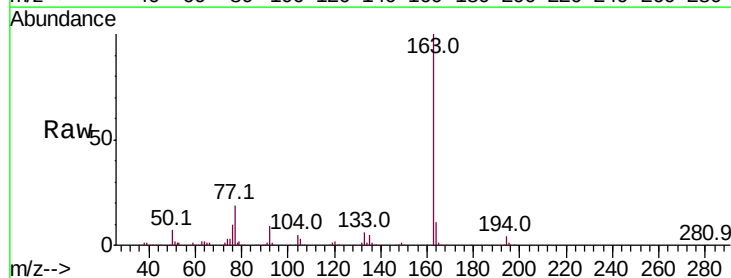
RT: 14.00 min Scan# 1857

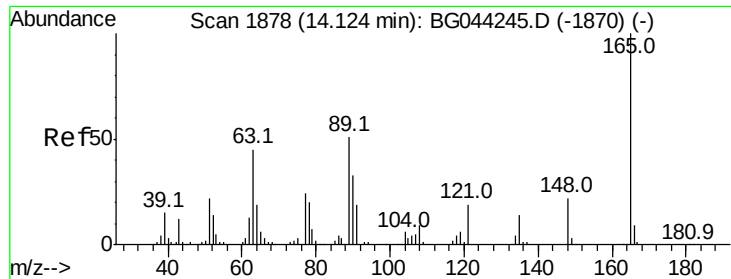
Delta R.T. 0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Tgt Ion:	163	Resp:	676043
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.7	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 39.688 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Instrument :

BNA_G

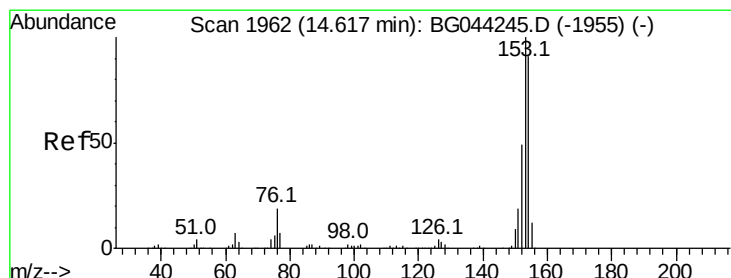
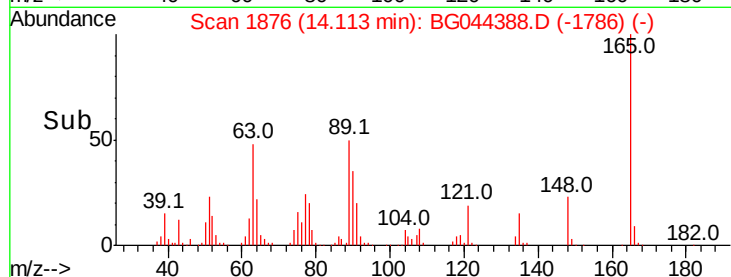
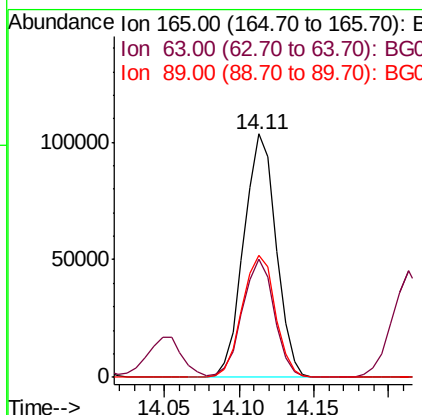
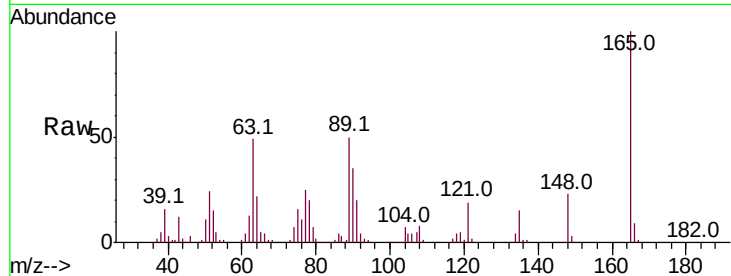
ClientSampled :

PB126698BSD

Tot Ion:	165	Resp:	155046
Ion Ratio	Lower	Upper	
165	100		
63	48.7	38.7	58.1
89	50.3	40.4	60.6

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#52

Acenaphthene

Concen: 38.397 ng

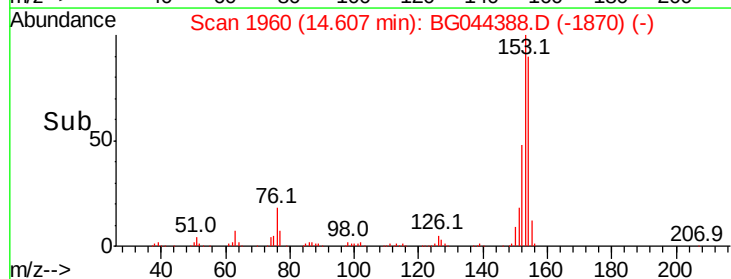
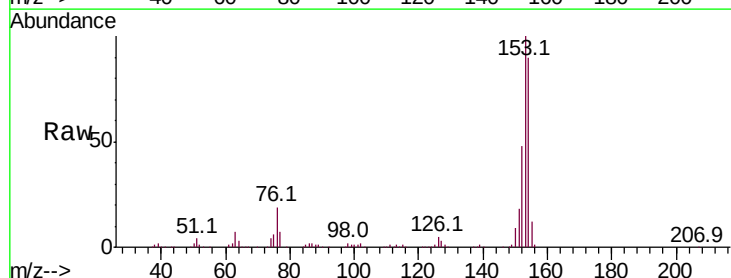
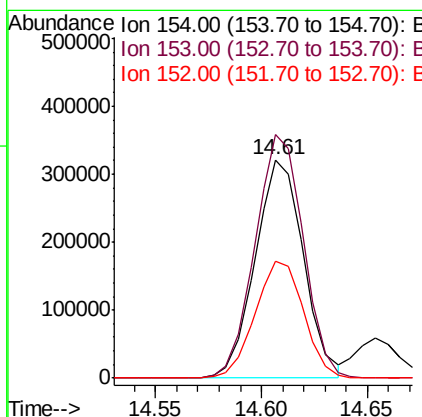
RT: 14.61 min Scan# 1960

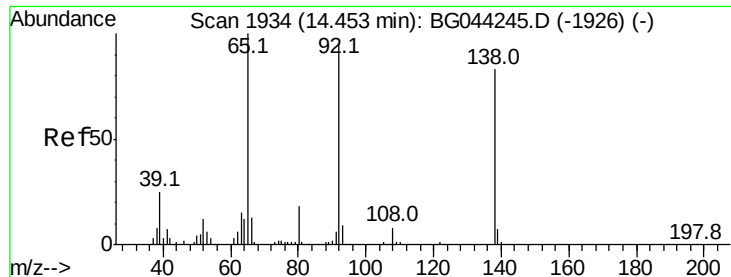
Delta R.T. -0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Tgt Ion:	154	Resp:	510713
Ion Ratio	Lower	Upper	
154	100		
153	111.5	87.9	131.9
152	53.6	43.1	64.7





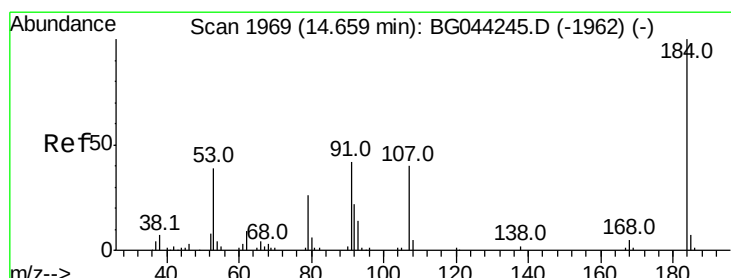
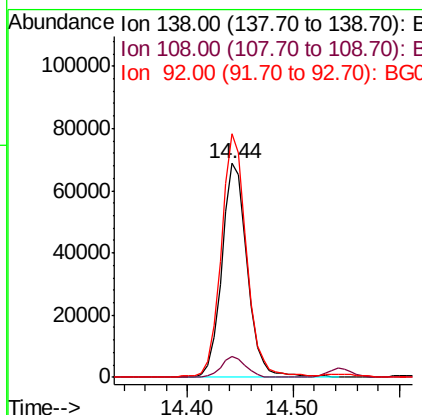
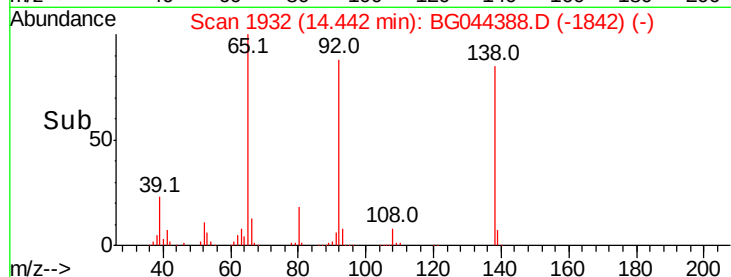
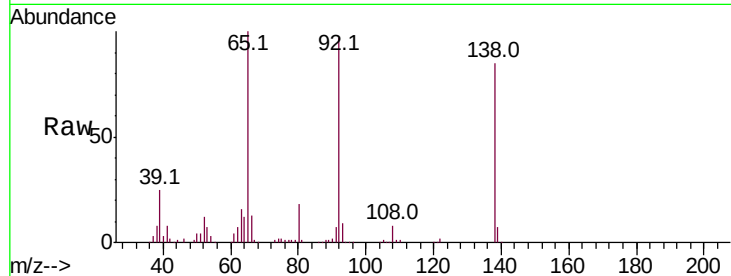
#53
3-Nitroaniline
Concen: 26.581 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.7	7.9	11.9	
92	113.9	91.0	136.4	

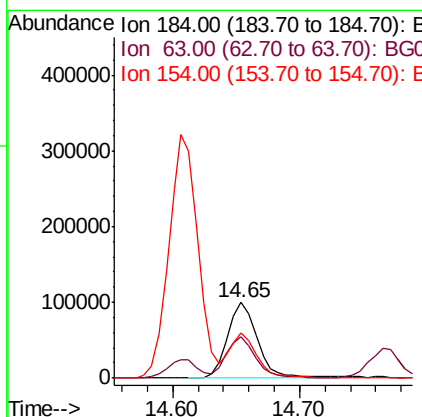
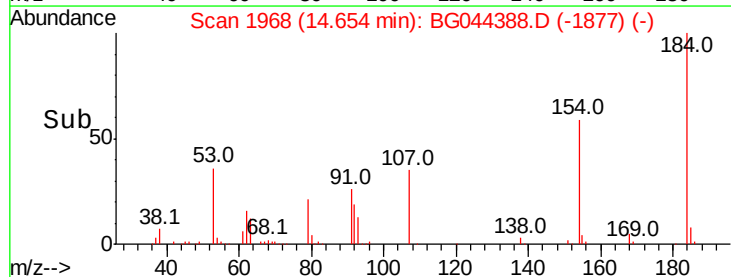
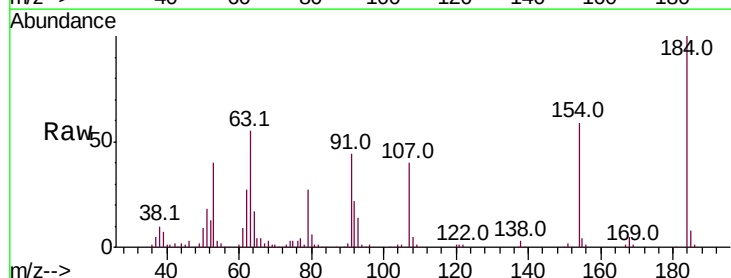
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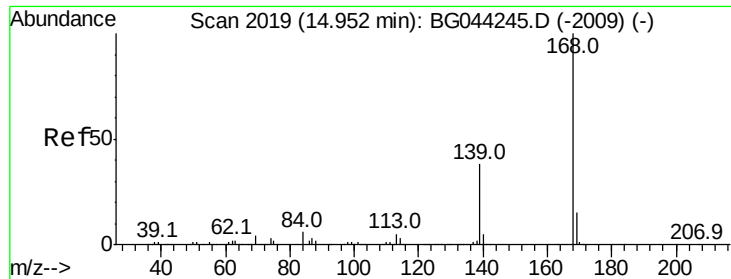
mohammad
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#54
2,4-Dinitrophenol
Concen: 71.625 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	54.9	44.1	66.1	
154	59.2	45.4	68.0	





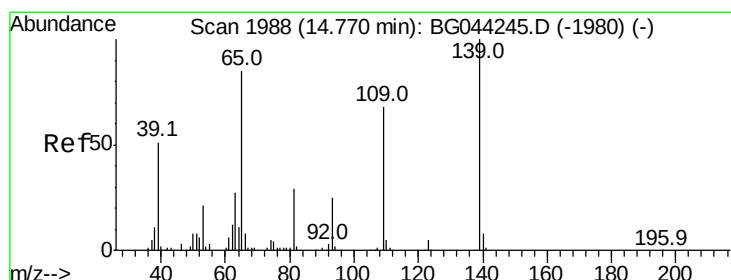
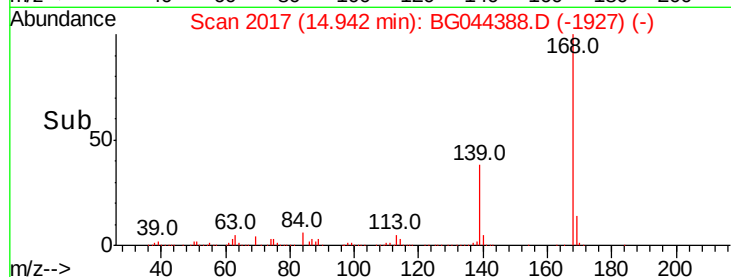
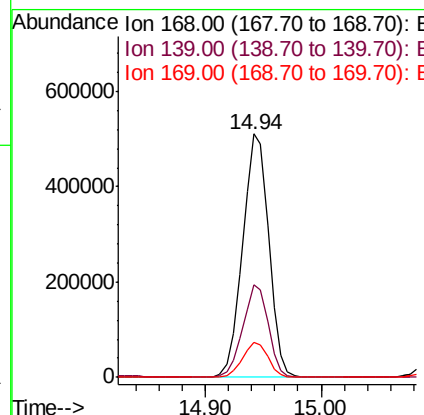
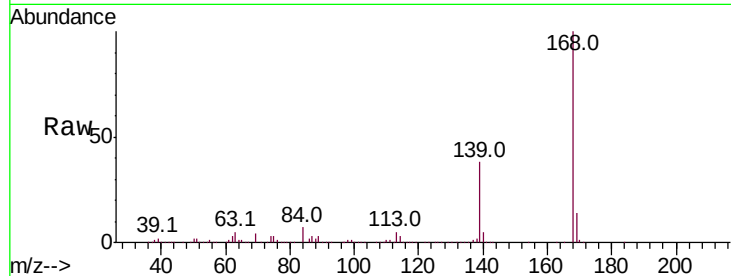
#55
Dibenzenofuran
Concen: 39.577 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.5	45.7
169	14.5	11.7	17.5

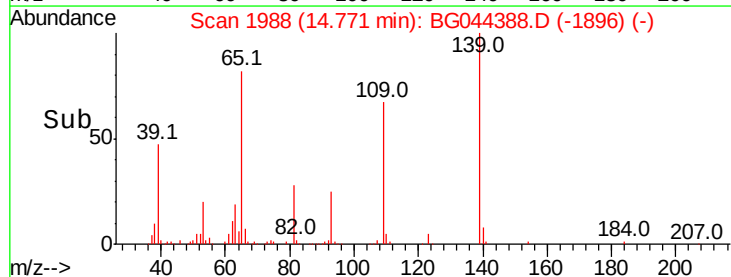
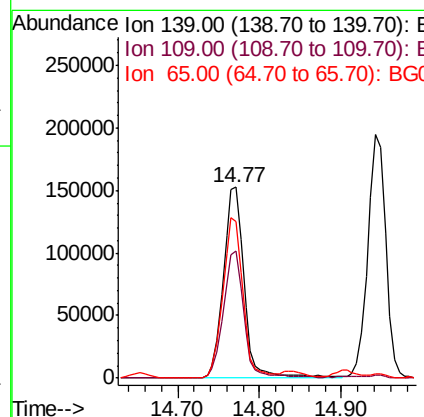
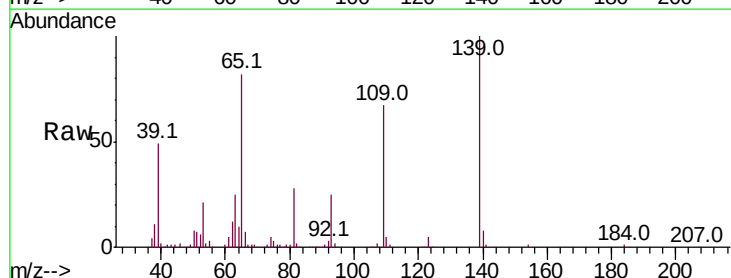
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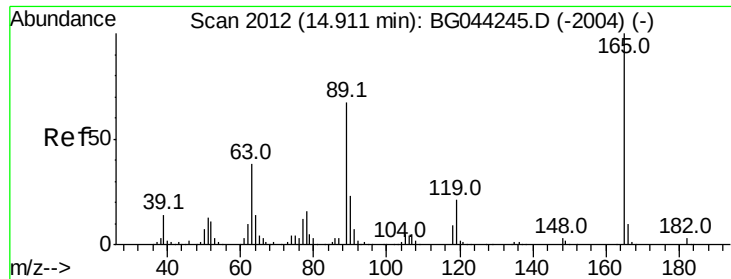
mohammad
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#56
4-Nitrophenol
Concen: 85.787 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.8	47.5	87.5
65	81.9	64.9	104.9





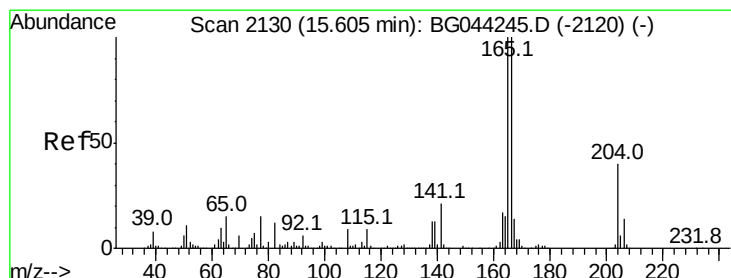
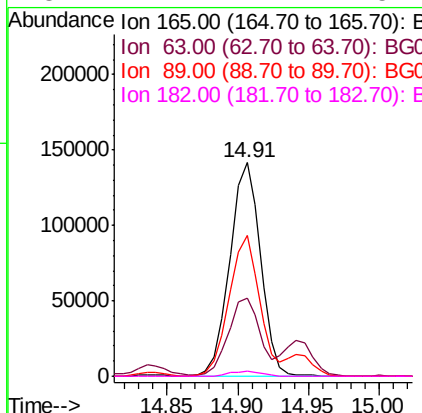
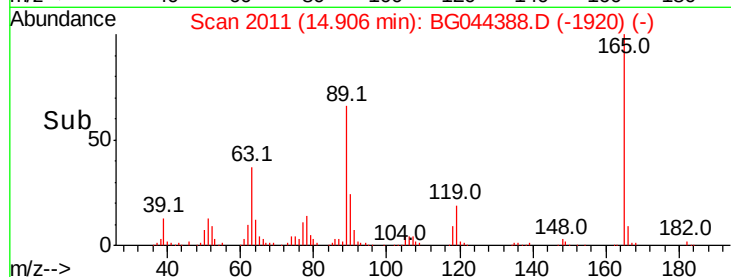
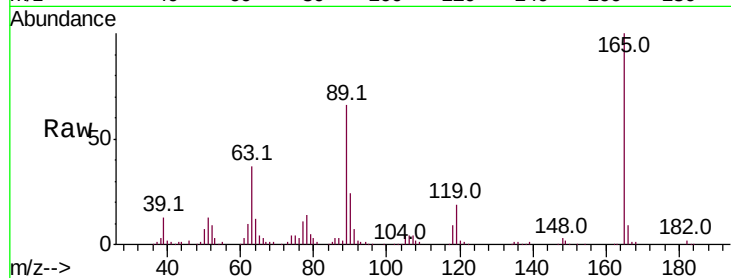
#57
 2,4-Dinitrotoluene
 Concen: 39.183 ng
 RT: 14.91 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	214547		
63	36.6	30.3	45.5	
89	66.0	53.4	80.2	
182	2.4	2.1	3.1	

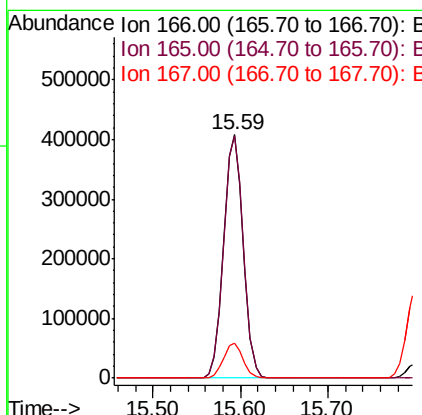
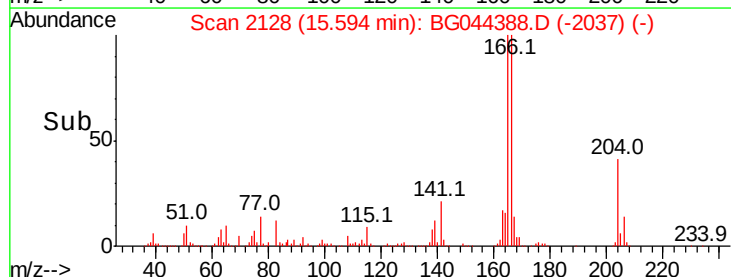
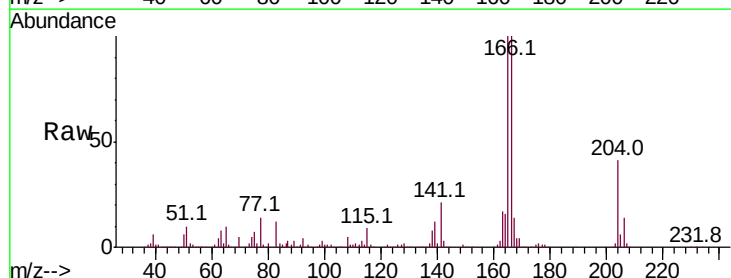
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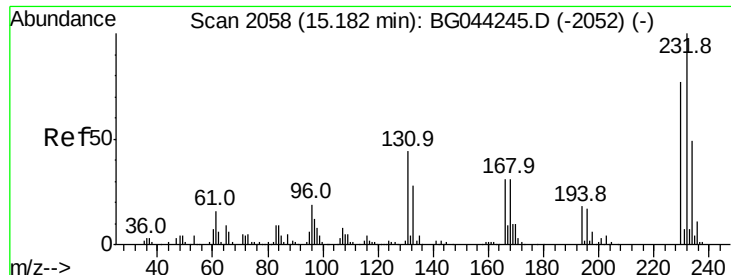
mohammad
 2/13/2020 3:32:33 PM



#58
 Fluorene
 Concen: 39.504 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	626589		
165	99.8	79.9	119.9	
167	14.2	11.4	17.0	





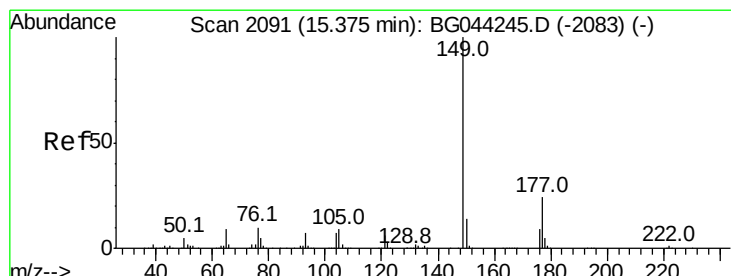
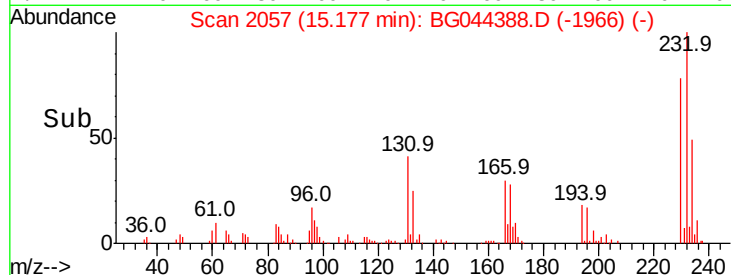
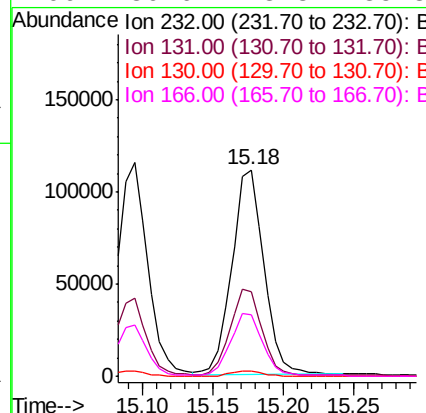
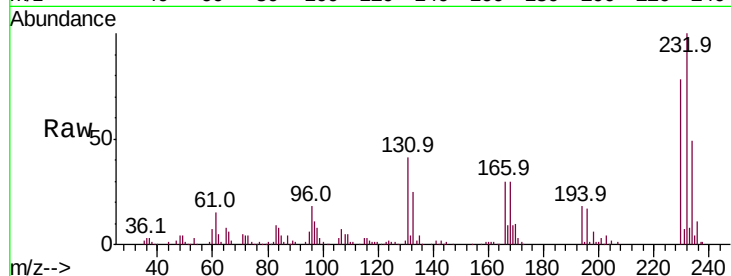
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.620 ng
 RT: 15.18 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	176619		
131	42.3		34.2	51.4
130	2.5		1.8	2.8
166	30.6		23.8	35.8

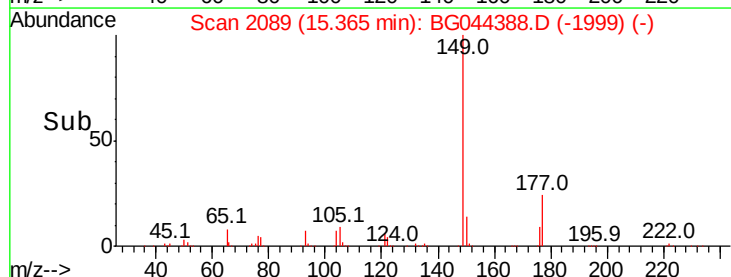
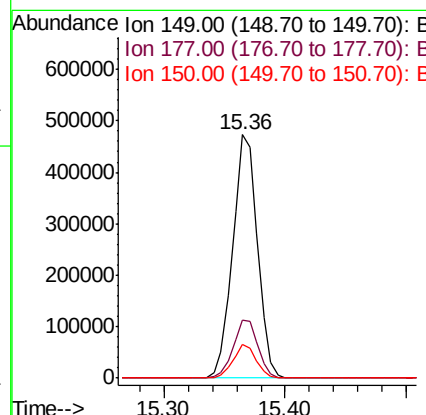
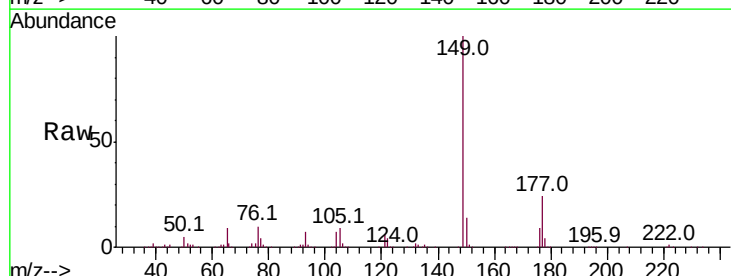
Manual Integrations
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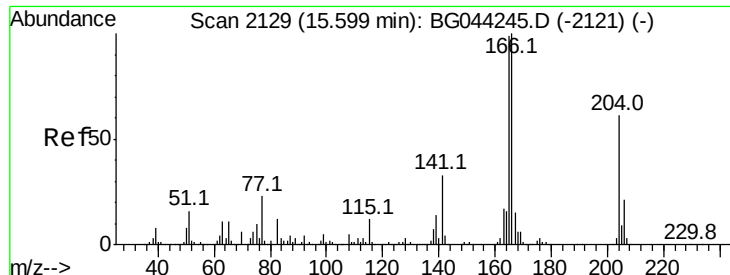
mohammad
 2/13/2020 3:32:33 PM



#60
 Diethylphthalate
 Concen: 38.589 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	673719		
177	23.6		19.4	29.0
150	13.6		10.9	16.3





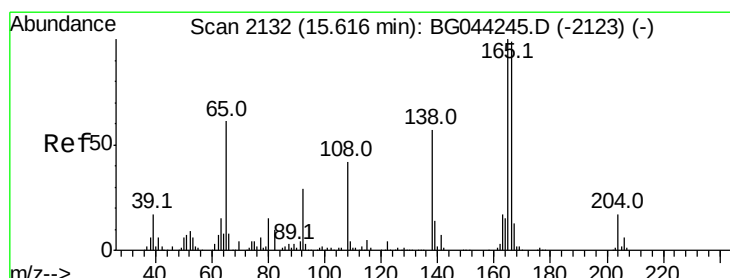
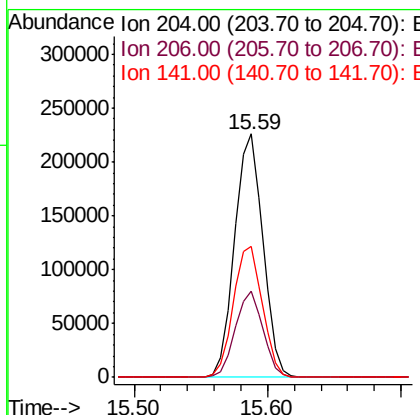
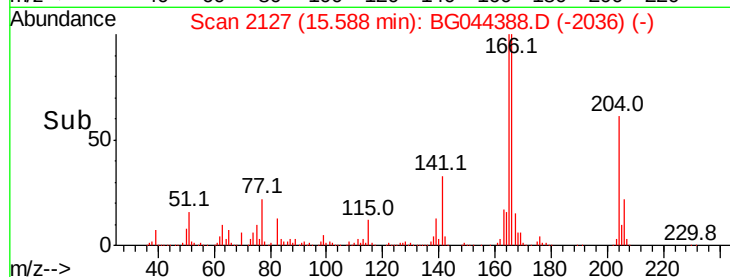
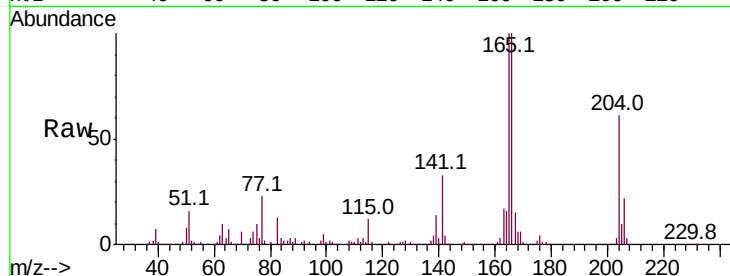
#61
 4-Chlorophenyl-phenylether
 Concen: 38.714 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion:	204	Resp:	332948
Ion Ratio	Lower	Upper	
204	100		
206	35.4	27.6	41.4
141	53.8	43.4	65.0

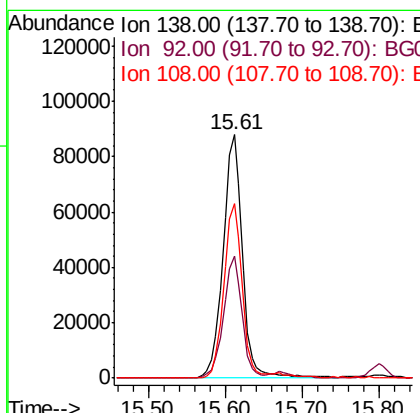
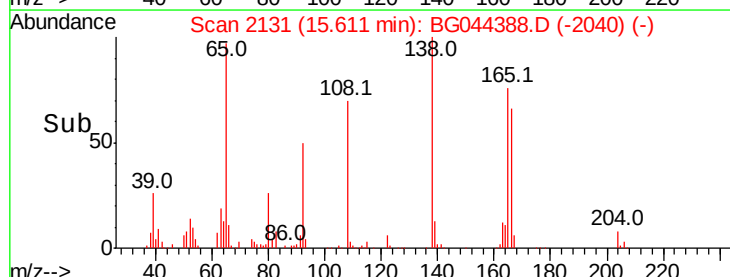
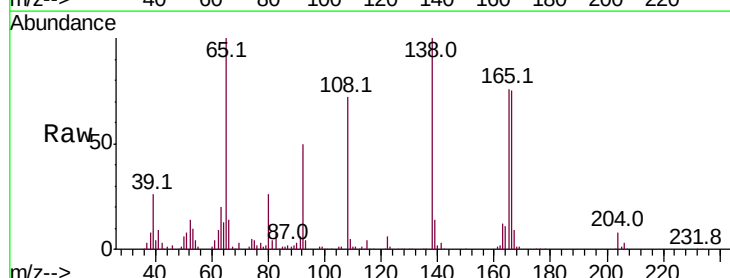
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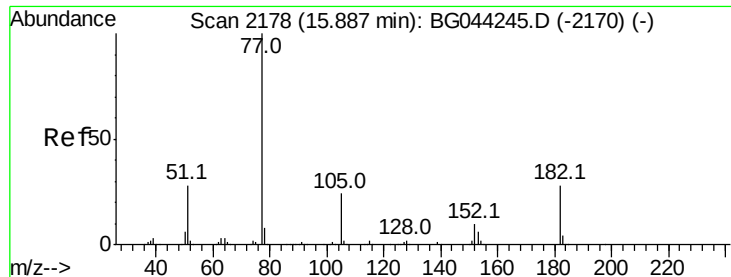
mohammad
 2/13/2020 3:32:33 PM



#62
 4-Nitroaniline
 Concen: 35.712 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion:	138	Resp:	154234
Ion Ratio	Lower	Upper	
138	100		
92	50.1	31.3	71.3
108	71.8	52.6	92.6





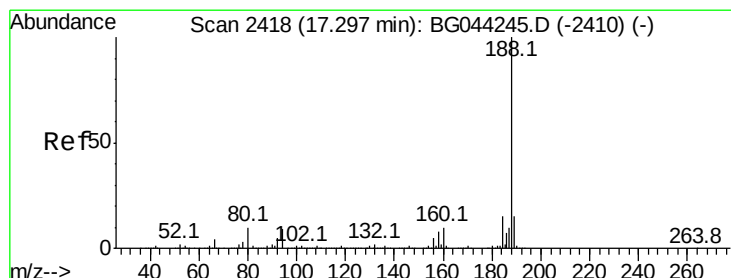
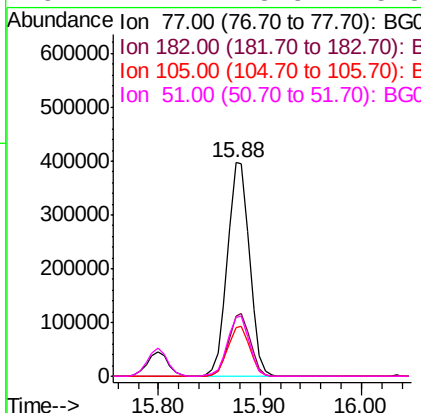
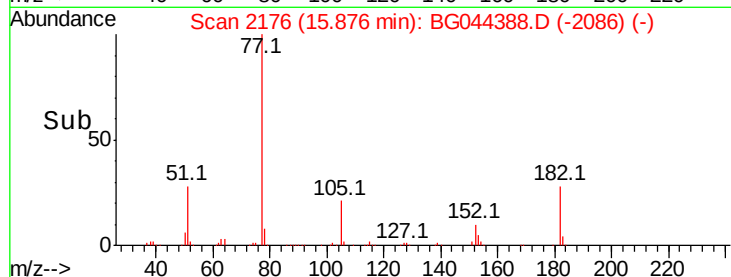
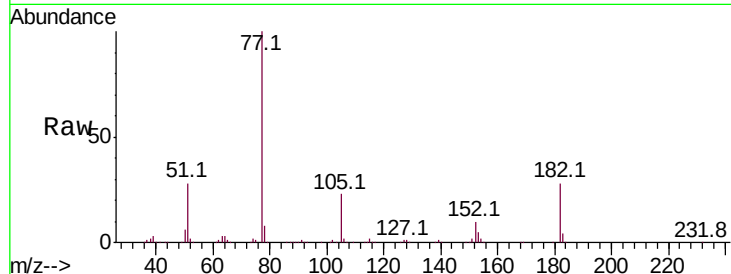
#63
Azobenzene
Concen: 39.235 ng
RT: 15.88 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.9	8.2	48.2		
105	22.6	3.6	43.6		
51	27.7	8.3	48.3		

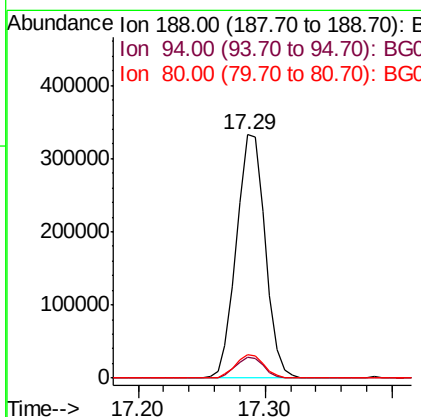
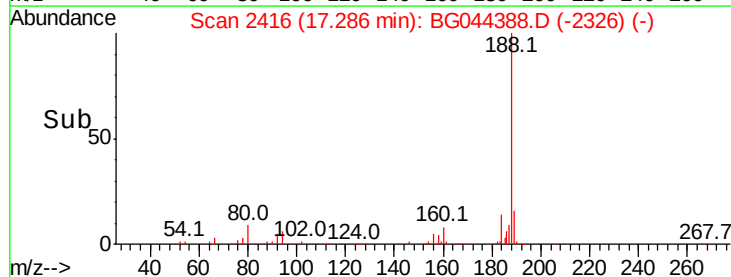
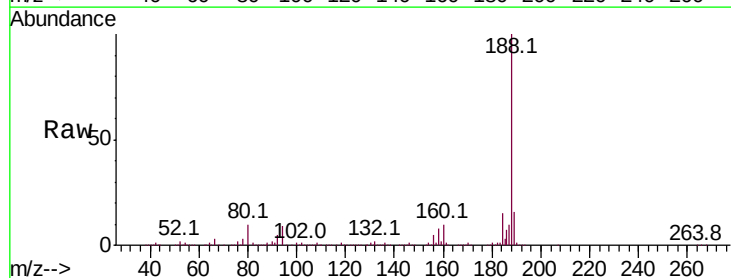
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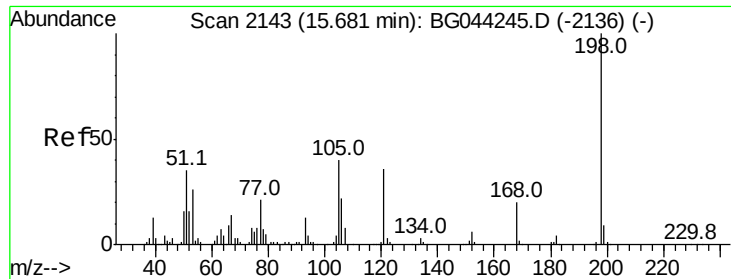
mohammad
2/13/2020 3:32:33 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.7	7.4	11.2		
80	9.7	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 44.143 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Instrument :

BNA_G

ClientSampleId :

PB126698BSD

Tot Ion:198 Resp: 127508

Ion Ratio Lower Upper

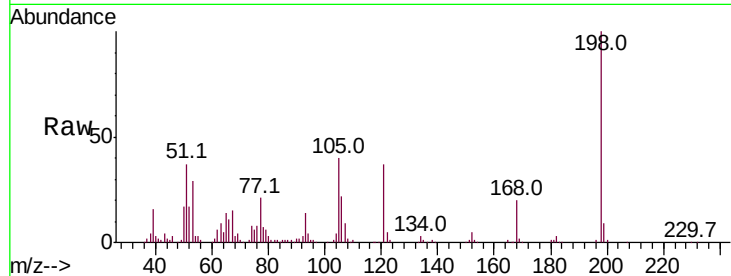
198 100

51 37.0 16.6 56.6

105 40.3 20.6 60.6

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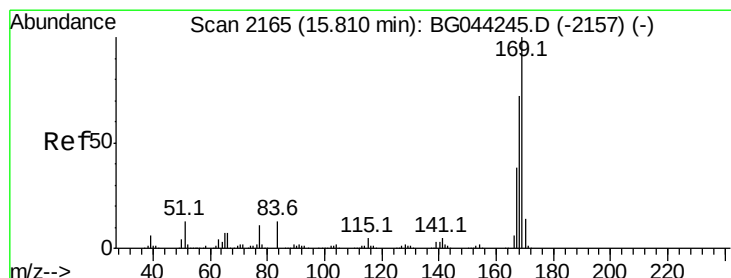
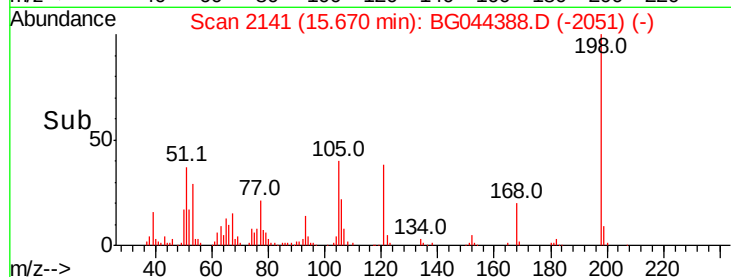
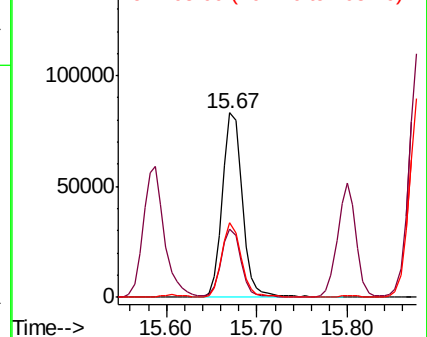
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.324 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

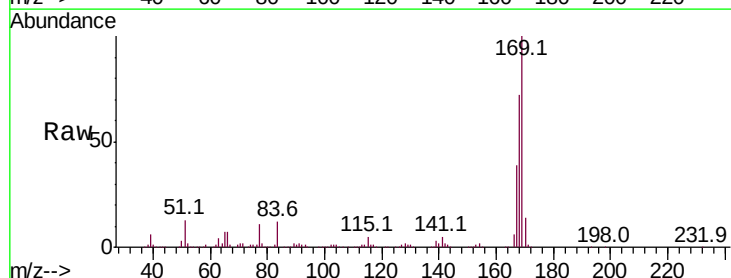
Tgt Ion:169 Resp: 591340

Ion Ratio Lower Upper

169 100

168 71.7 57.9 86.9

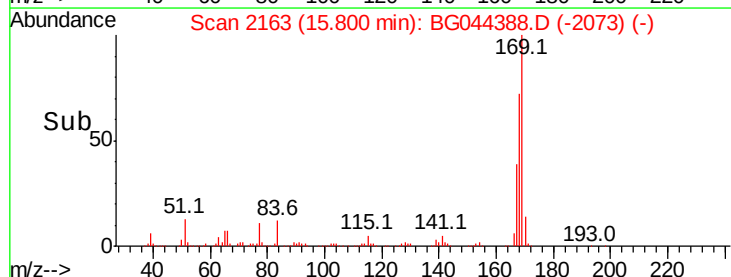
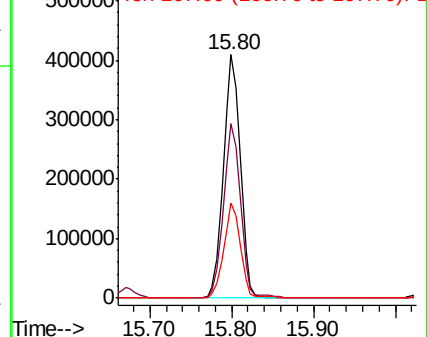
167 39.0 30.7 46.1

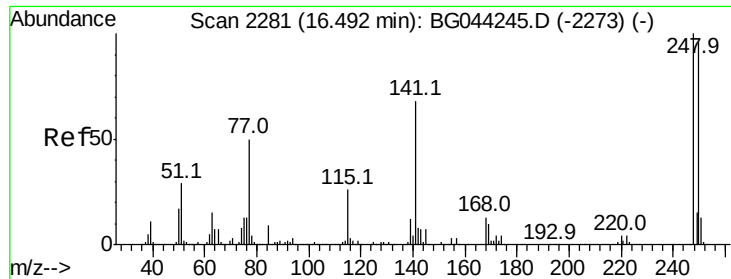


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





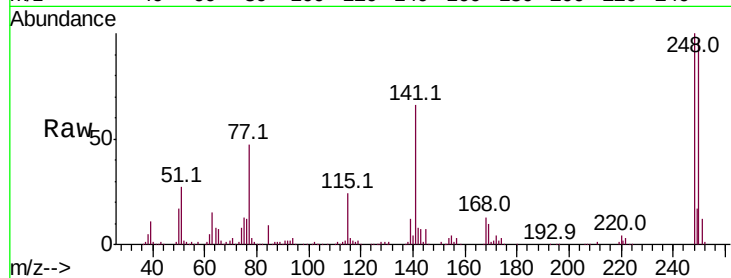
#67
4-Bromophenyl-phenylether
Concen: 38.498 ng
RT: 16.48 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.6	114.8
141	66.0	54.7	82.1

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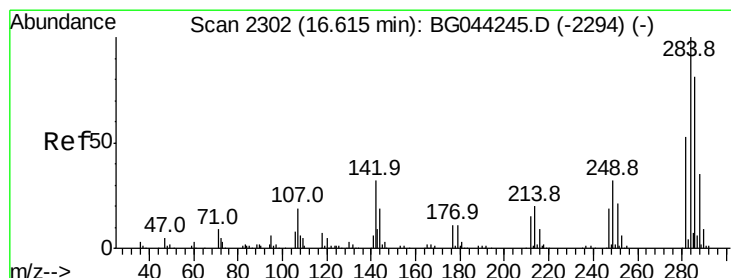
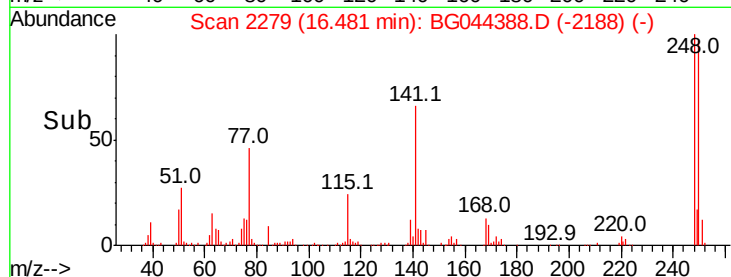
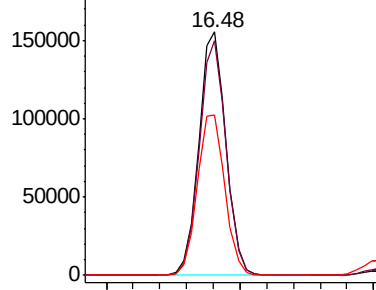


Abundance

Ion 248.00 (247.70 to 248.70): E

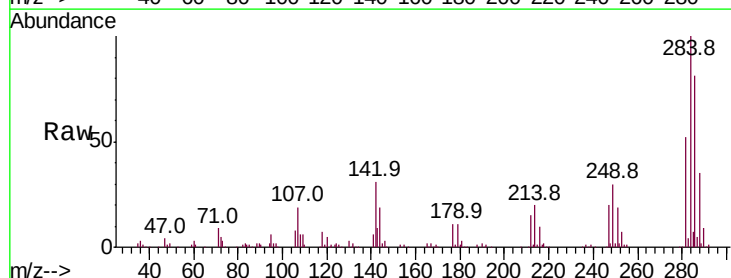
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.689 ng
RT: 16.60 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.3	37.9
249	30.2	25.5	38.3

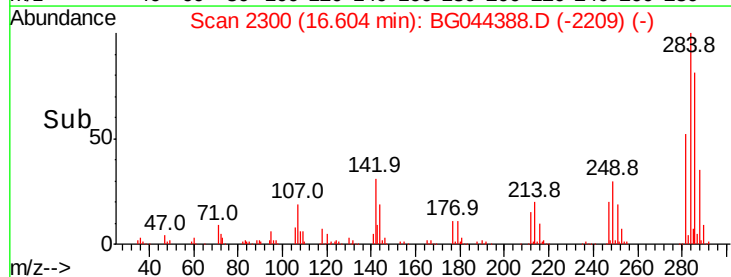
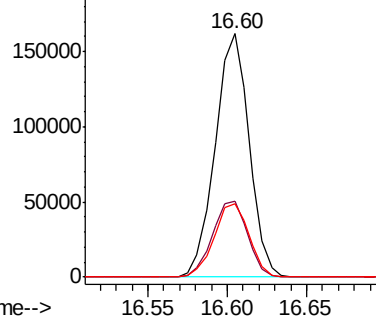


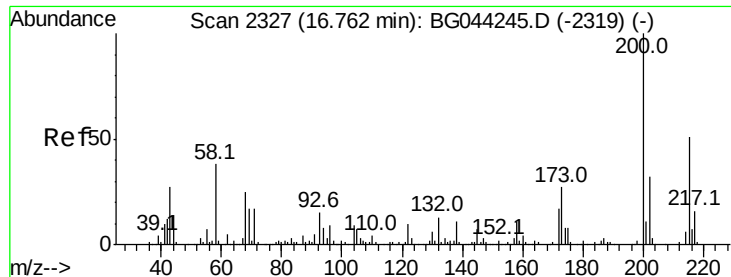
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





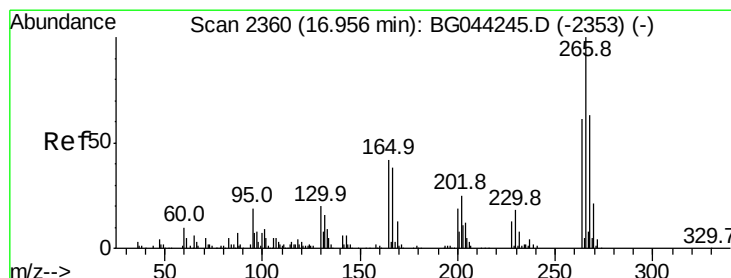
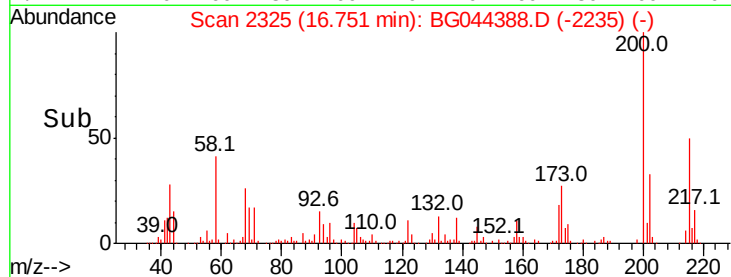
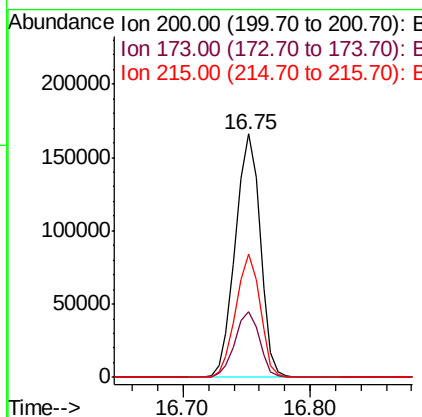
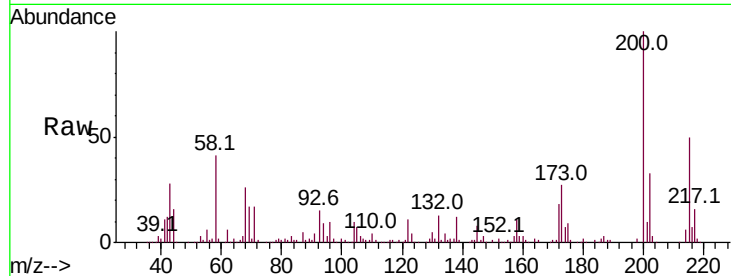
#69
 Atrazine
 Concen: 44.879 ng
 RT: 16.75 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	225574		
173	27.0	6.6	46.6	
215	50.4	31.0	71.0	

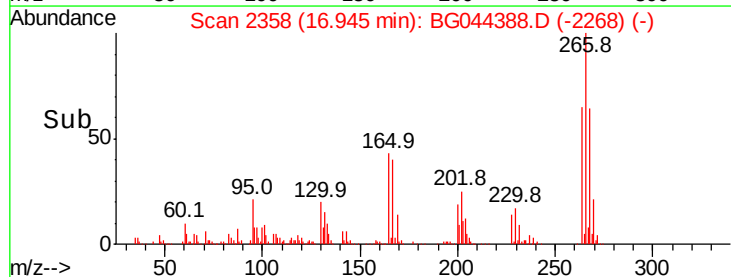
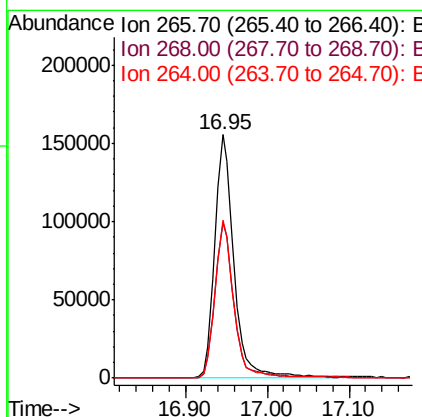
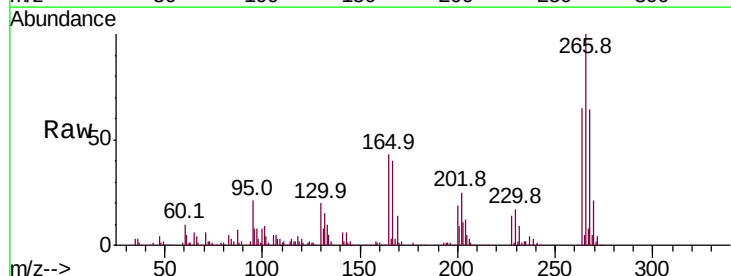
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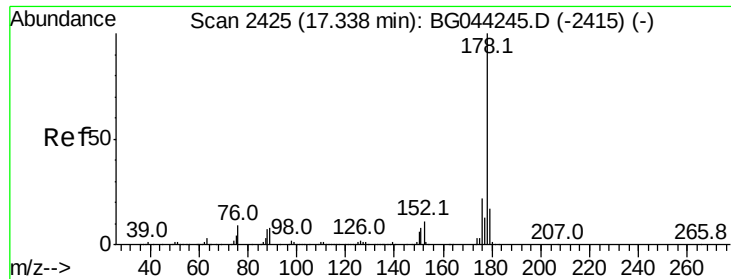
mohammad
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#70
 Pentachlorophenol
 Concen: 79.201 ng
 RT: 16.95 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	255703		
268	63.9	50.6	75.8	
264	64.8	48.7	73.1	





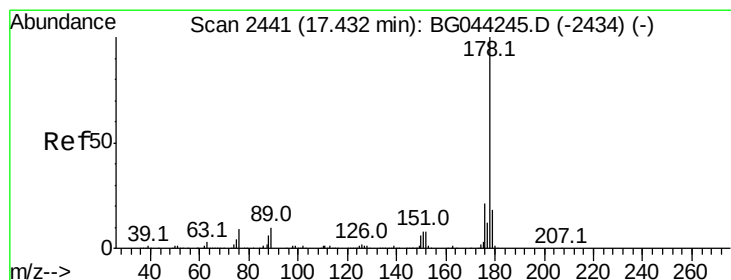
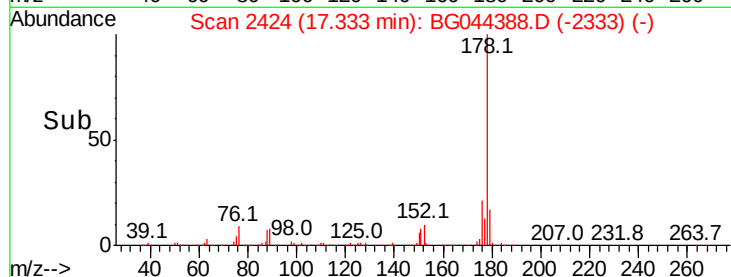
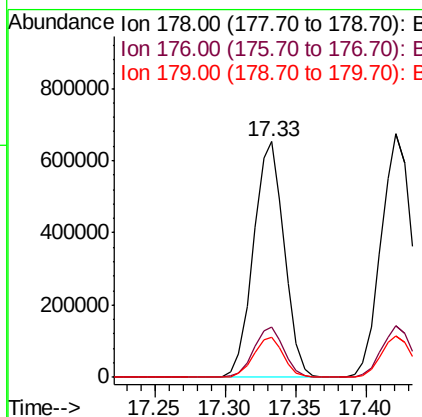
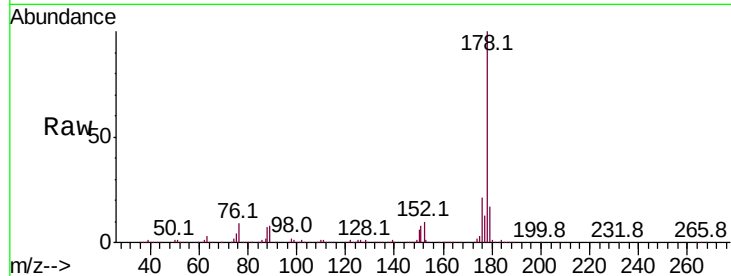
#71
Phenanthrene
Concen: 39.473 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion:178 Resp: 1000218
Ion Ratio Lower Upper
178 100
176 21.3 17.7 26.5
179 16.8 13.7 20.5

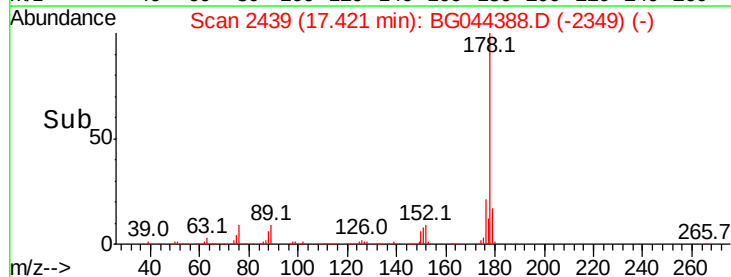
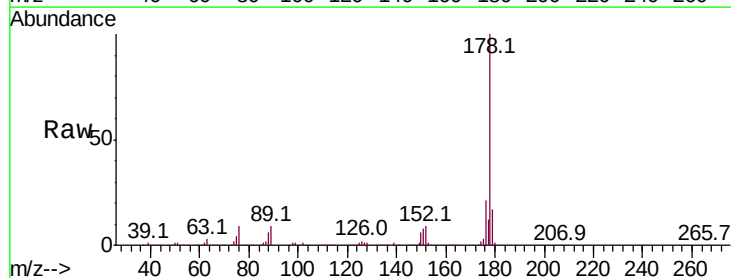
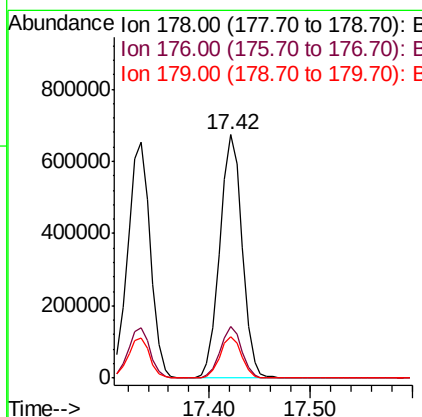
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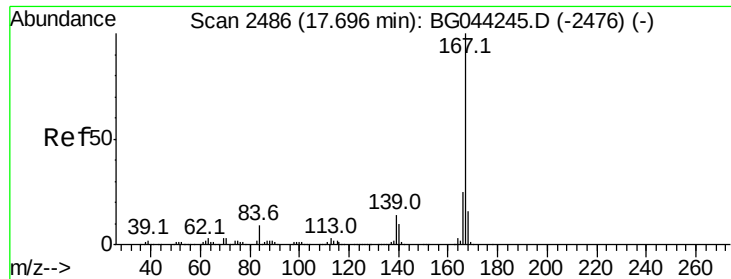
mohammad
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#72
Anthracene
Concen: 41.127 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion:178 Resp: 1030309
Ion Ratio Lower Upper
178 100
176 21.0 17.0 25.4
179 17.1 14.4 21.6





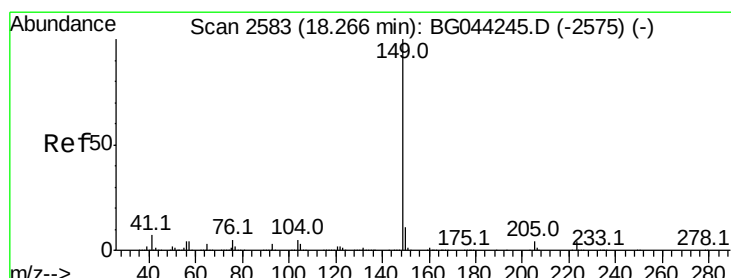
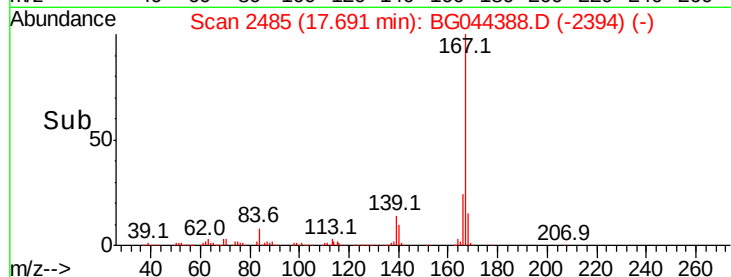
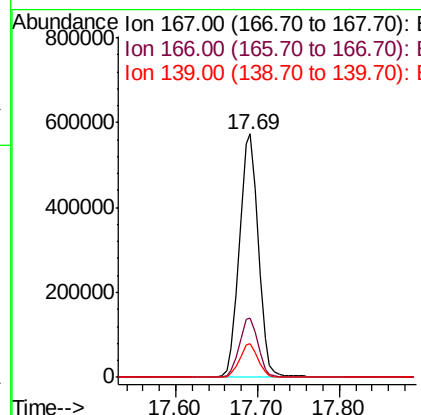
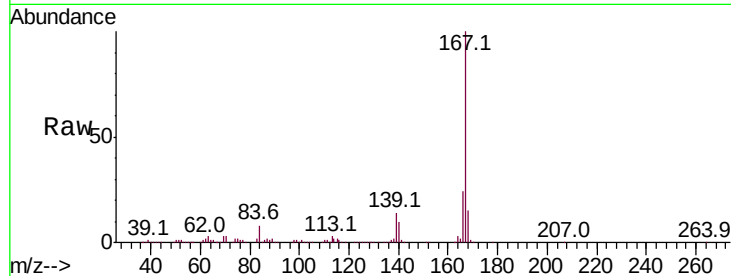
#73
 Carbazole
 Concen: 40.187 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion:167	Resp: 928111
Ion Ratio	Lower Upper
167 100	
166 24.5	19.8 29.6
139 13.8	11.1 16.7

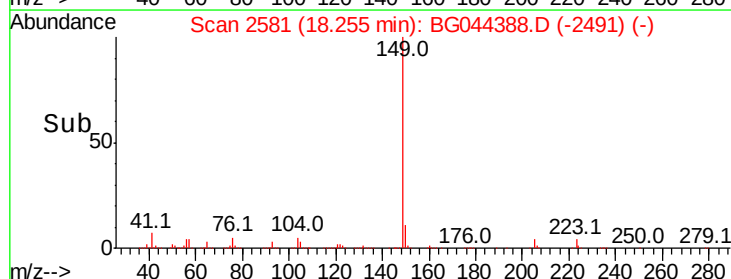
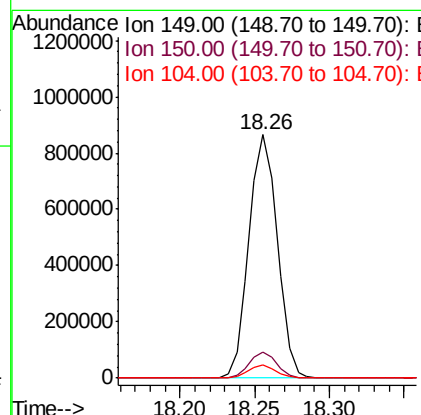
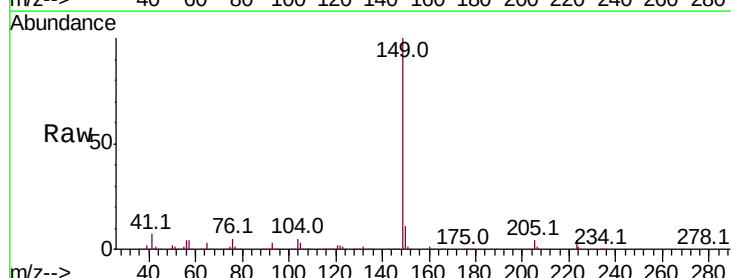
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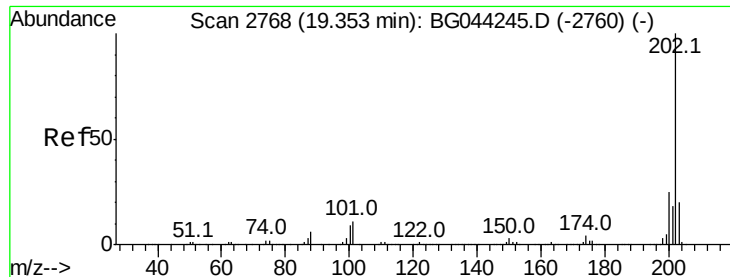
mohammad
 2/13/2020 3:32:33 PM



#74
 Di-n-butylphthalate
 Concen: 39.832 ng
 RT: 18.26 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion:149	Resp: 1136776
Ion Ratio	Lower Upper
149 100	
150 10.8	8.7 13.1
104 5.2	4.3 6.5





#75

Fluoranthene

Concen: 40.256 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Instrument :

BNA_G

ClientSampled :

PB126698BSD

Tot Ion:202 Resp: 1180007

Ion Ratio Lower Upper

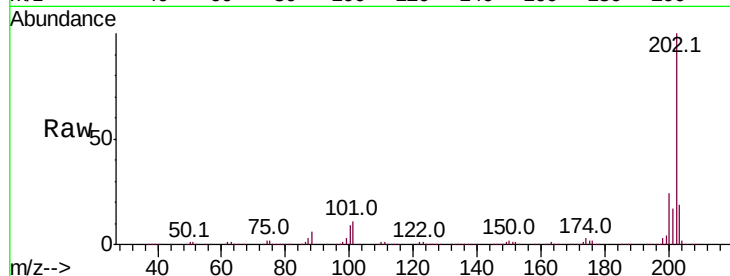
202 100

101 11.4 0.0 31.3

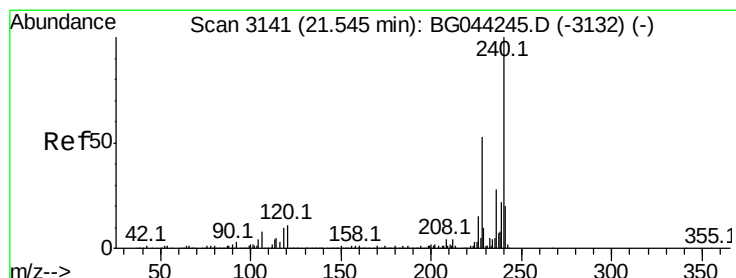
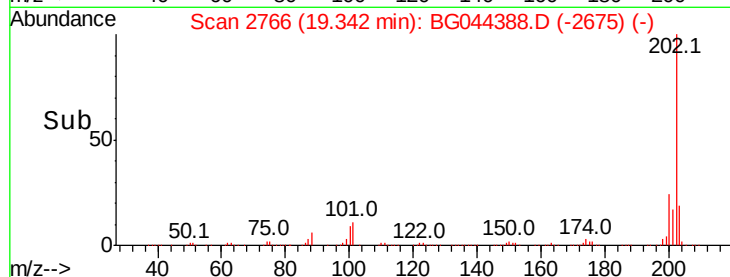
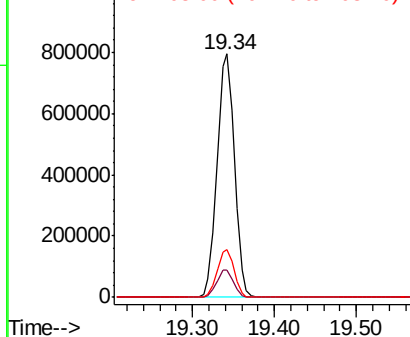
203 19.5 0.0 39.9

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

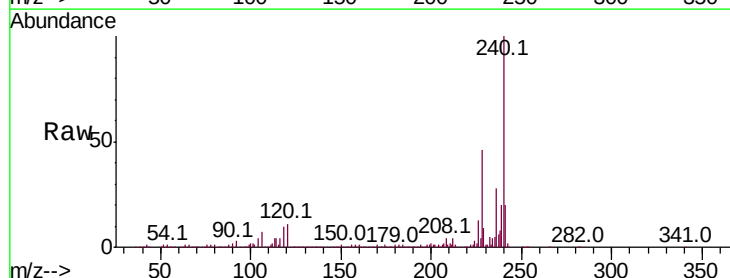
Tgt Ion:240 Resp: 461739

Ion Ratio Lower Upper

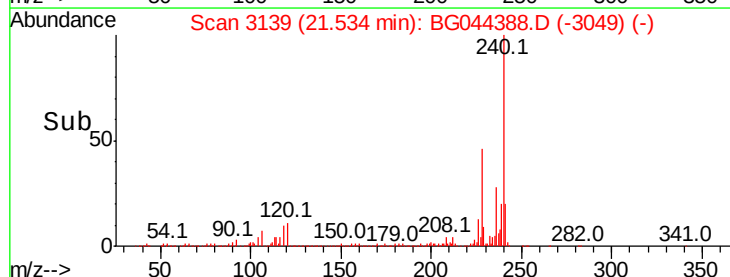
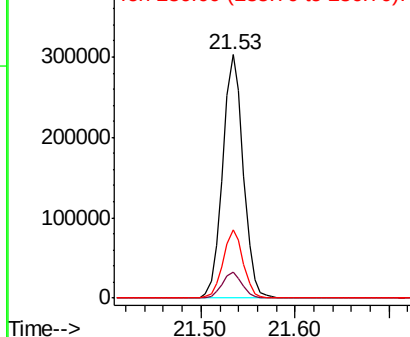
240 100

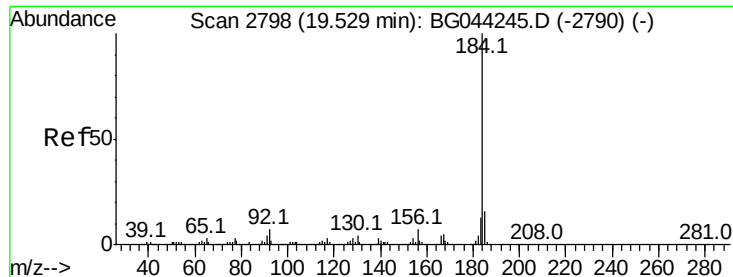
120 10.6 8.4 12.6

236 27.8 22.1 33.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.474 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Instrument :

BNA_G

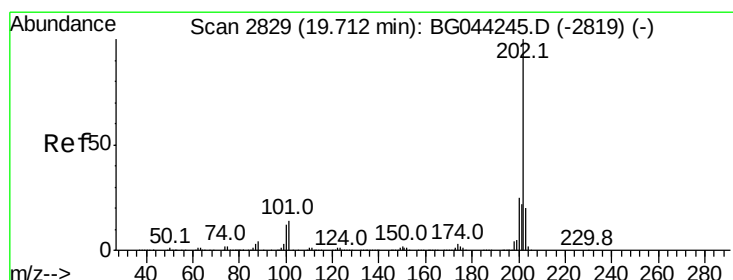
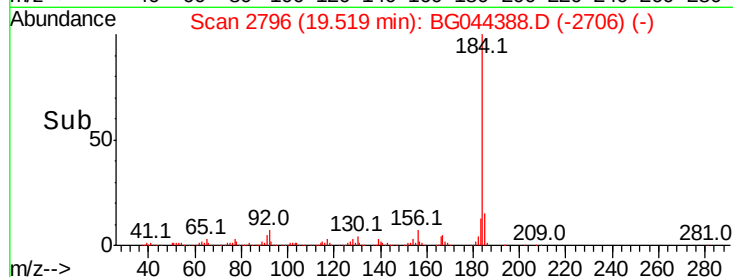
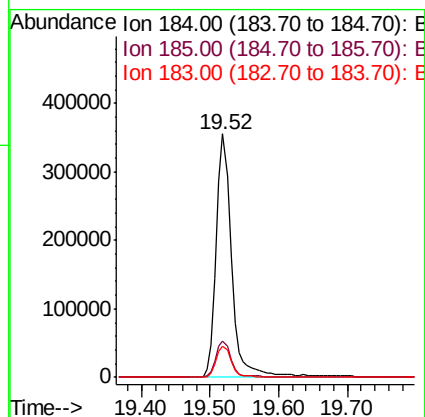
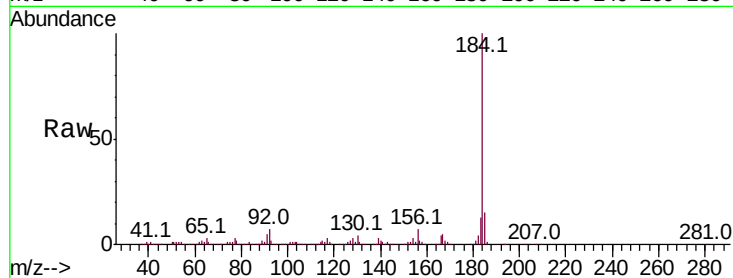
ClientSampleId :

PB126698BSD

Tot Ion:	184	Resp:	556799
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.9	19.3
183	12.9	10.8	16.2

Manual Integrations
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2/13/2020 3:32:33 PM



#78

Pyrene

Concen: 40.032 ng

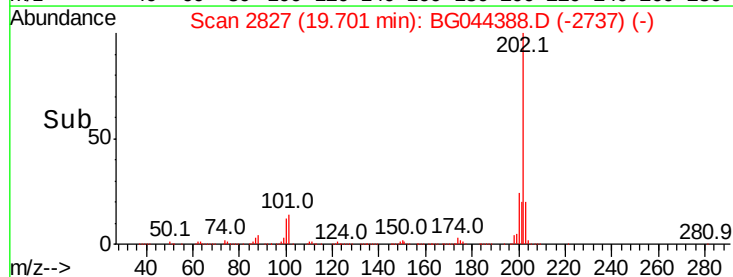
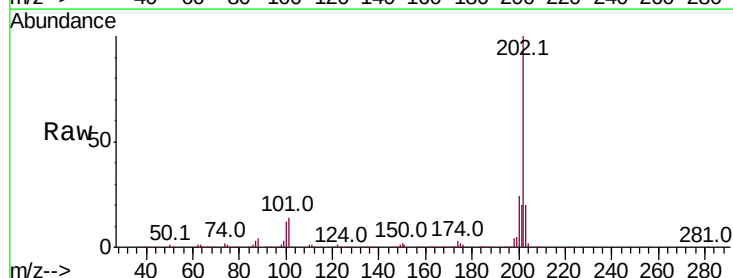
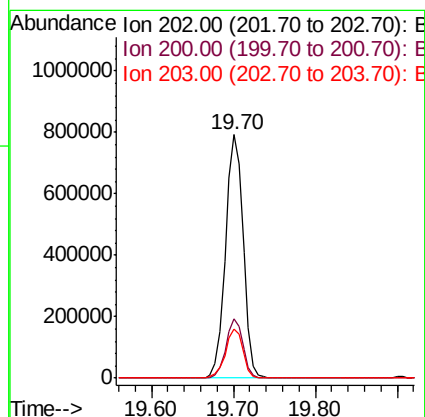
RT: 19.70 min Scan# 2827

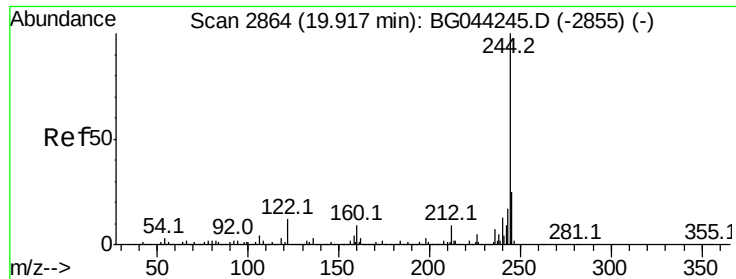
Delta R.T. -0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Tgt Ion:	202	Resp:	1187080
Ion Ratio	Lower	Upper	
202	100		
200	24.1	20.0	30.0
203	20.0	16.2	24.2





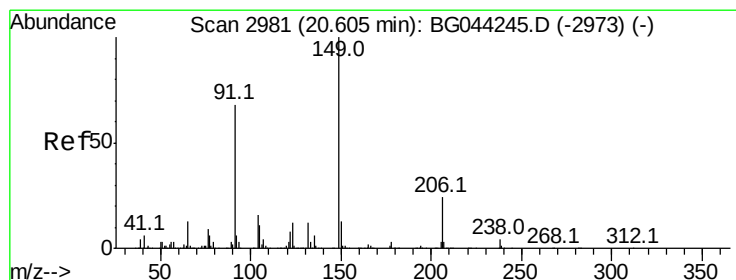
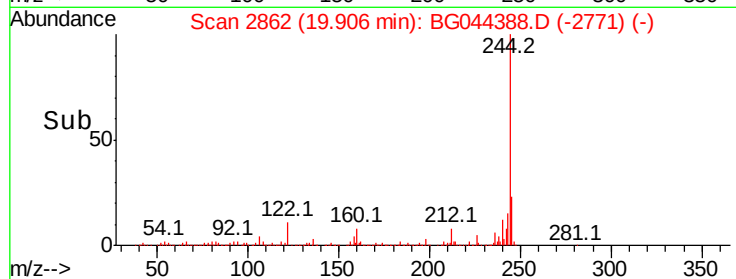
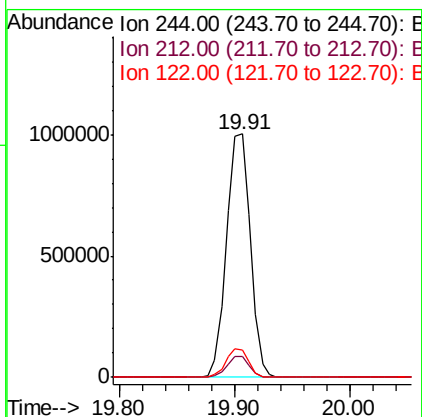
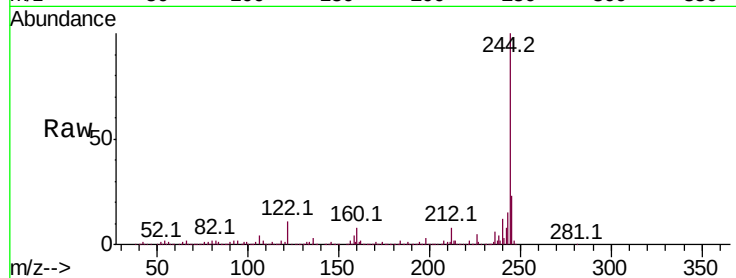
#79
 Terphenyl-d14
 Concen: 63.892 ng
 RT: 19.91 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	11.0	9.8	14.6

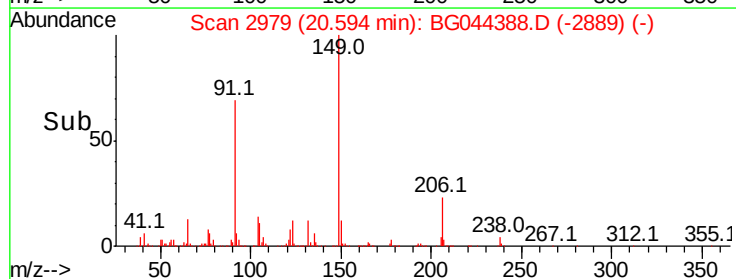
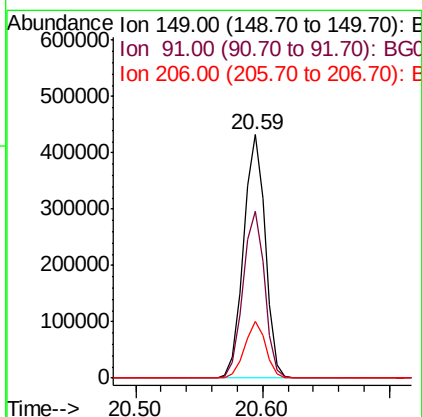
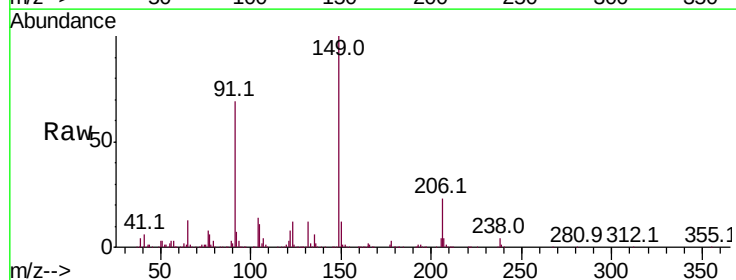
Manual Integrations
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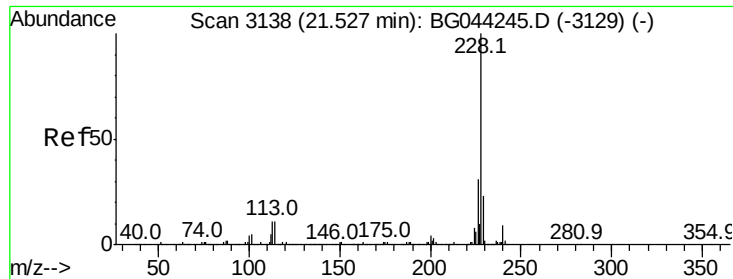
mohammad
 2/13/2020 3:32:33 PM



#80
 Butylbenzylphthalate
 Concen: 37.807 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.6	54.5	81.7
206	23.3	19.1	28.7





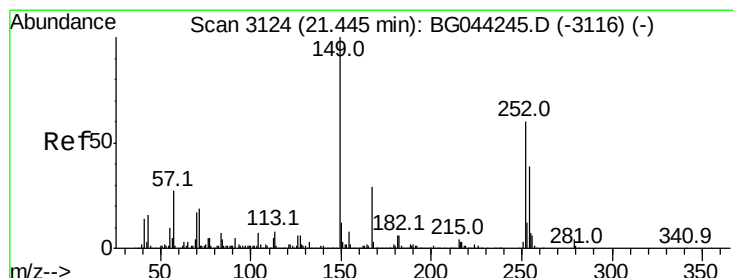
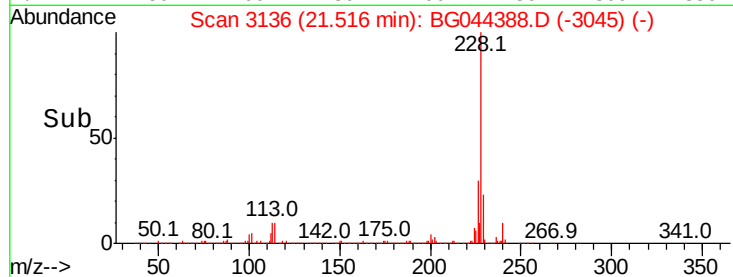
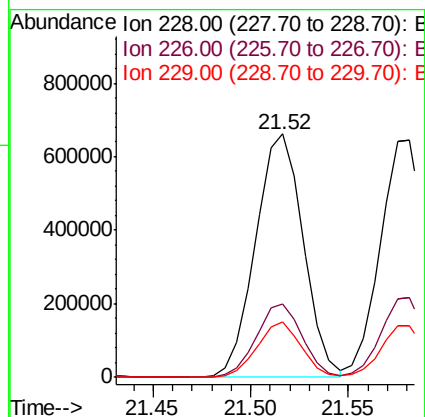
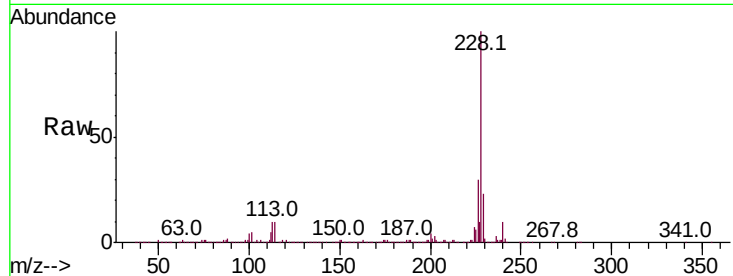
#81
Benzo(a)anthracene
Concen: 39.374 ng
RT: 21.52 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	22.6	18.2	27.4

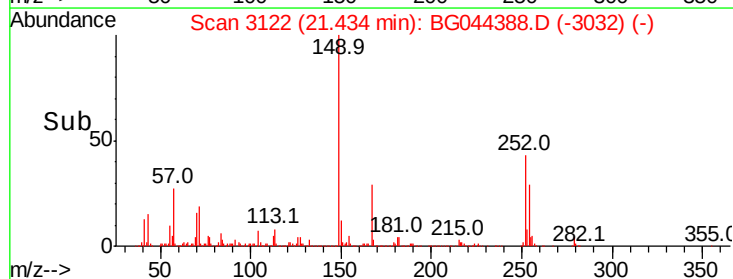
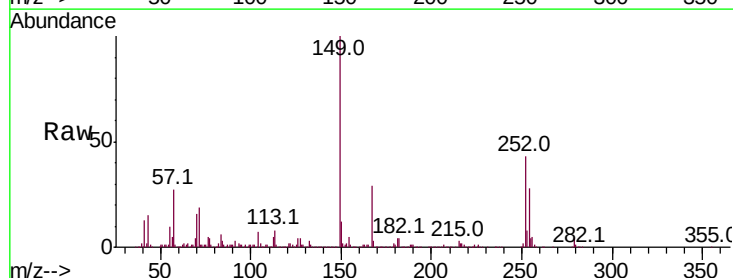
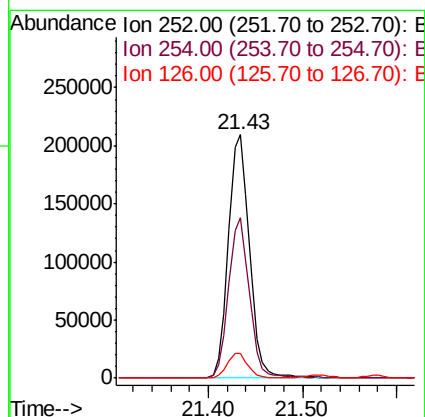
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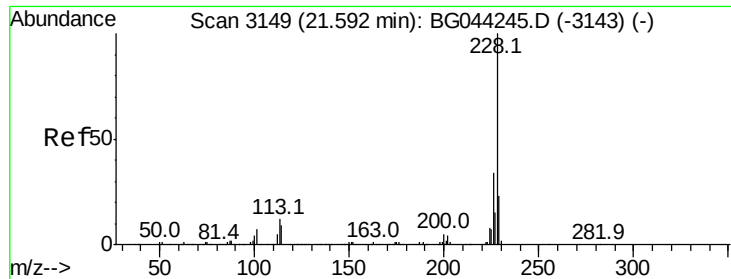
mohammad
2/13/2020 3:32:33 PM



#82
3,3'-Dichlorobenzidine
Concen: 29.742 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.6	78.8
126	10.0	8.2	12.4





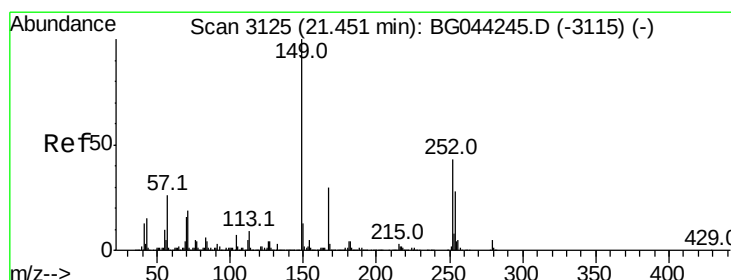
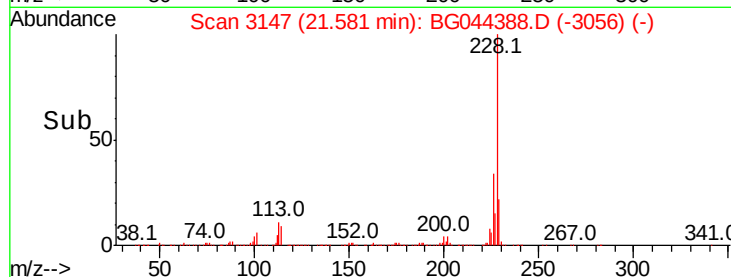
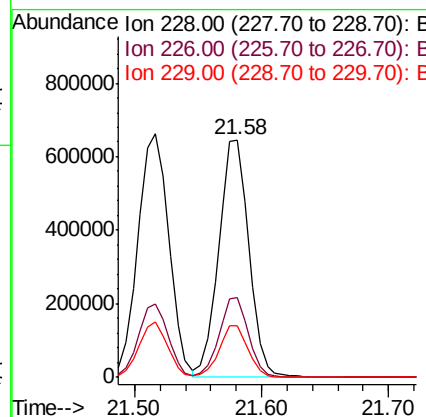
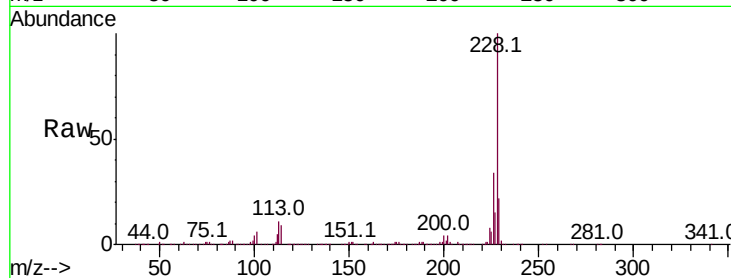
#83
 Chrvsene
 Concen: 38.612 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Instrument :
 BNA_G
 ClientSampleId :
 PB126698BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.6	27.1	40.7
229	21.9	17.9	26.9

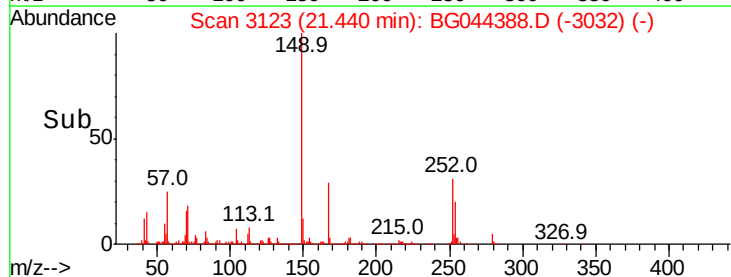
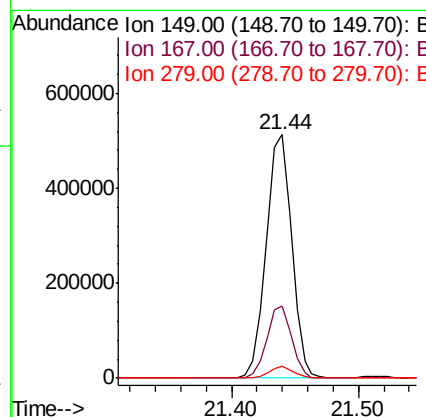
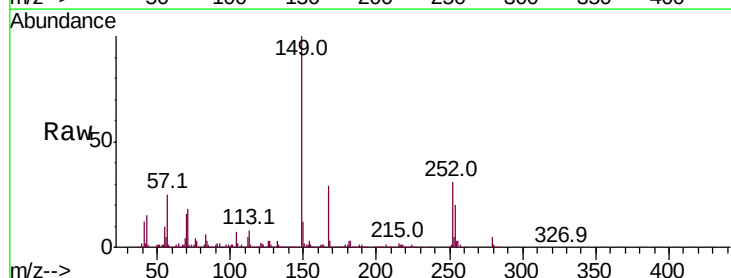
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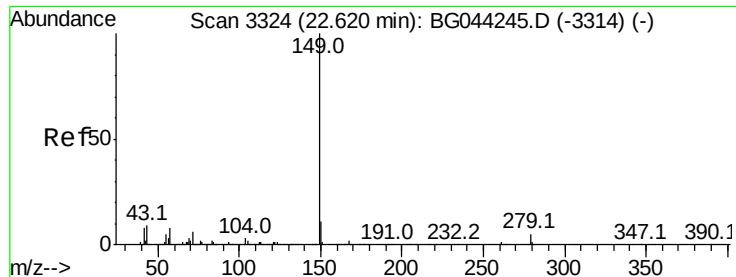
mohammad
 2/13/2020 3:32:33 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.915 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BG044388.D
 Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.0	36.0
279	4.7	3.8	5.8





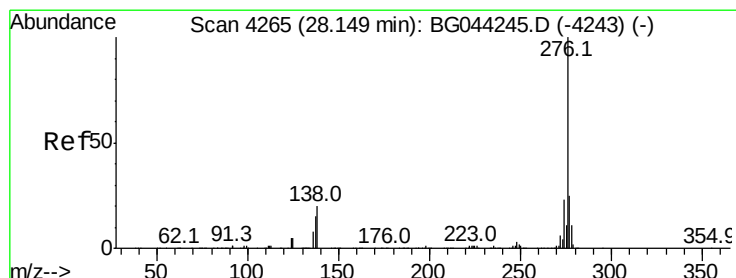
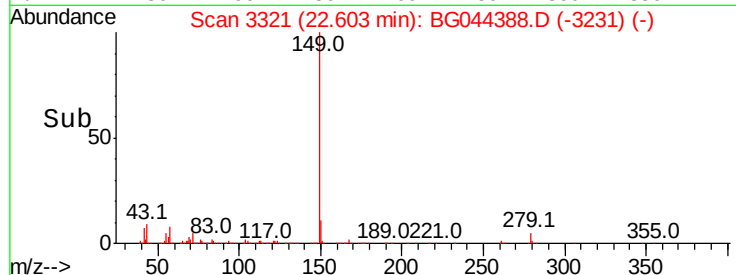
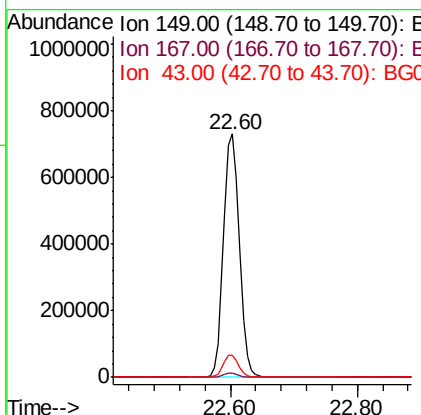
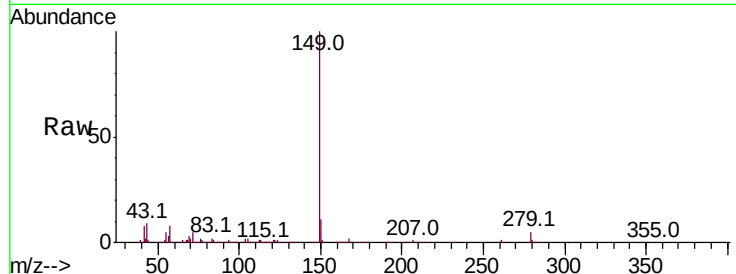
#85
Di-n-octyl phthalate
Concen: 39.189 ng
RT: 22.60 min Scan# 3321
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	7.4	11.0

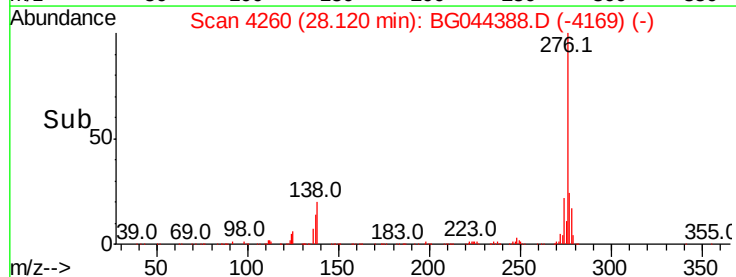
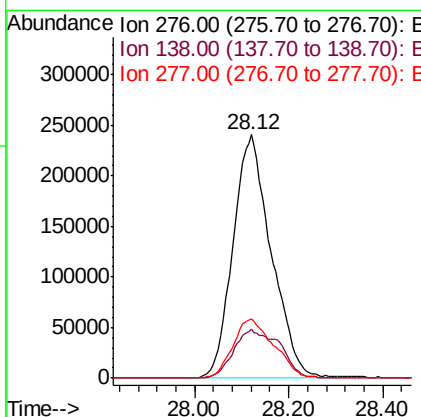
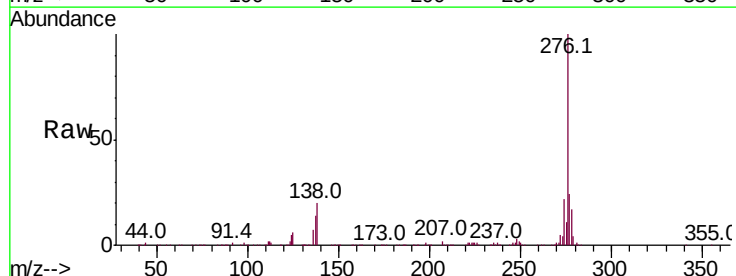
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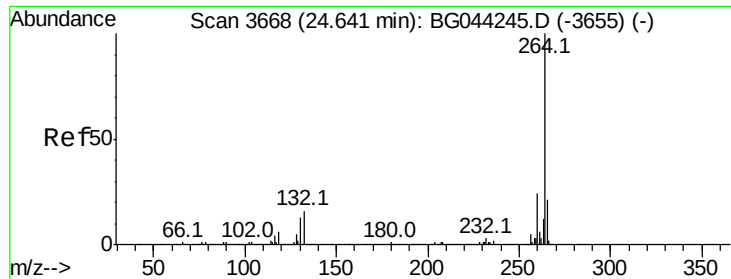
mohammad
2/13/2020 3:32:33 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.733 ng
RT: 28.12 min Scan# 4260
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.4	29.0
277	26.0	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Instrument :

BNA_G

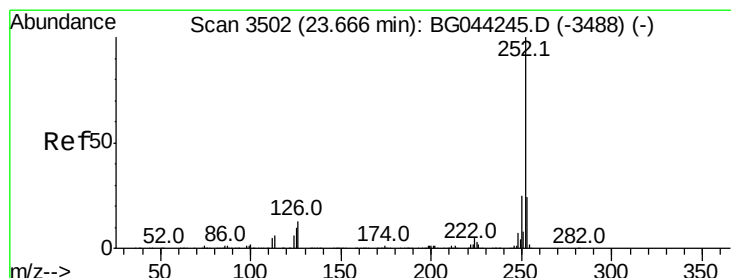
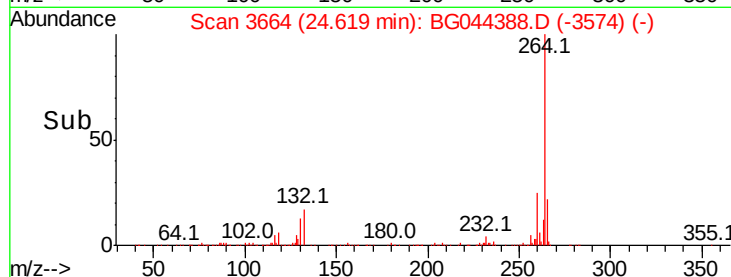
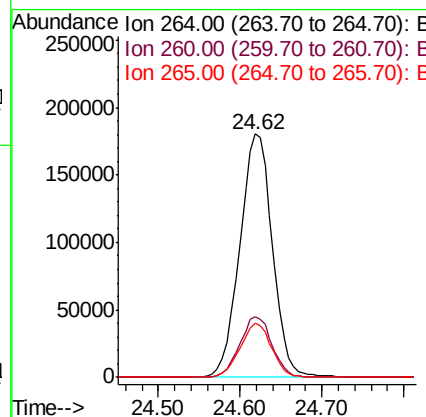
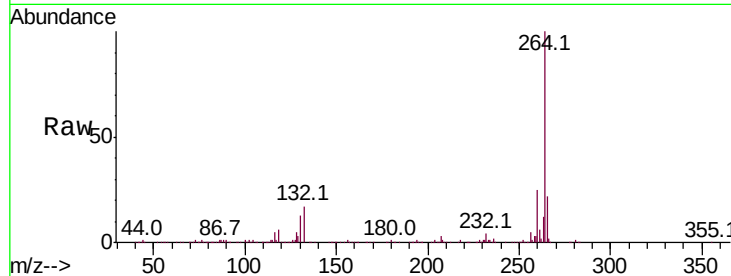
ClientSampleId :

PB126698BSD

Tot Ion:	264	Resp:	500240
Ion Ratio		Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.2	16.7	25.1

Manual Integrations
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mohammad
2/13/2020 3:32:33 PM



#88

Benzo(b)fluoranthene

Concen: 40.873 ng

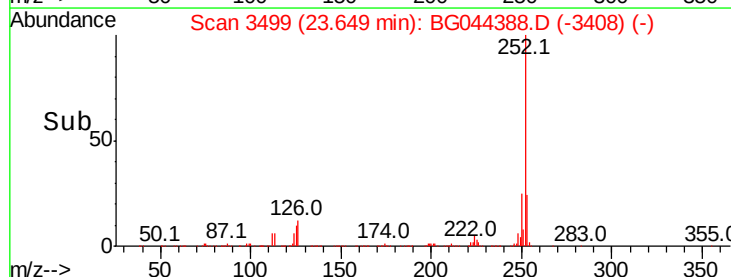
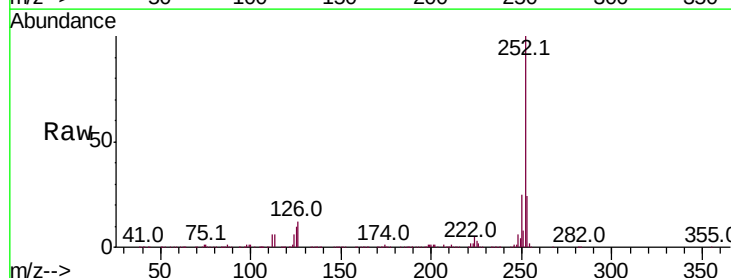
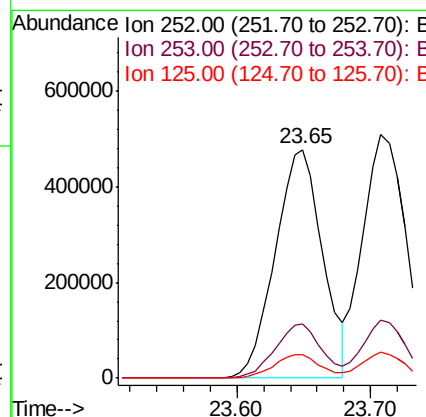
RT: 23.65 min Scan# 3499

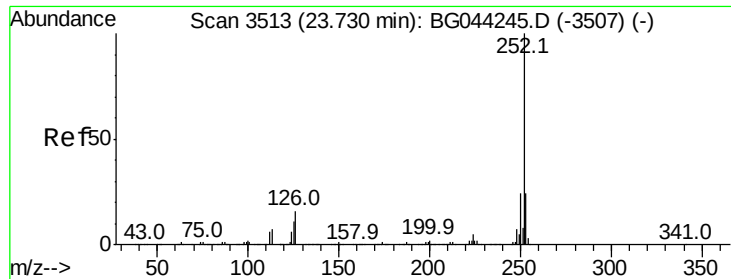
Delta R.T. 0.00 min

Lab File: BG044388.D

Acq: 11 Feb 2020 14:27

Tgt Ion:	252	Resp:	1178177
Ion Ratio		Lower	Upper
252	100		
253	23.7	19.2	28.8
125	10.1	8.4	12.6





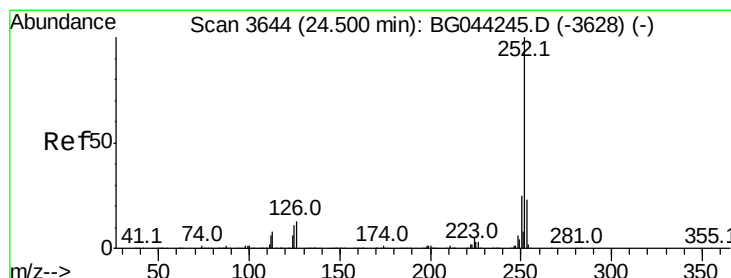
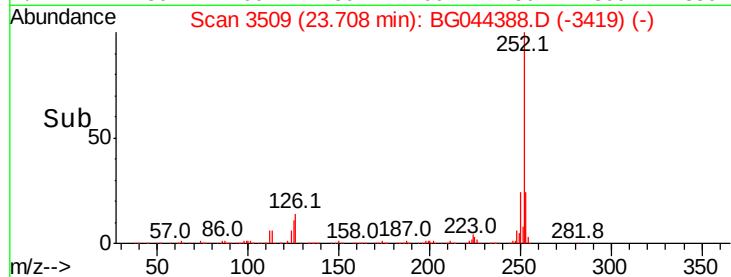
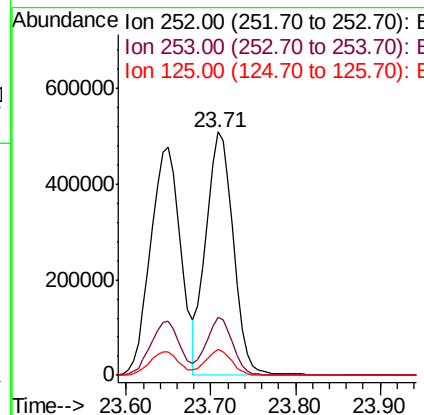
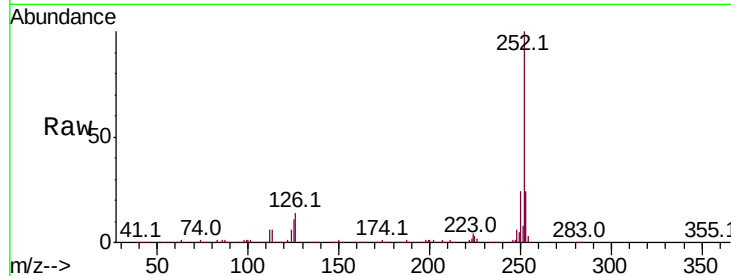
#89
Benzo(k)fluoranthene
Concen: 41.074 ng
RT: 23.71 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	10.7	8.6	12.8

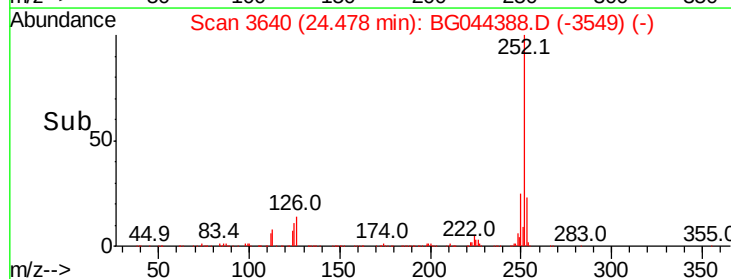
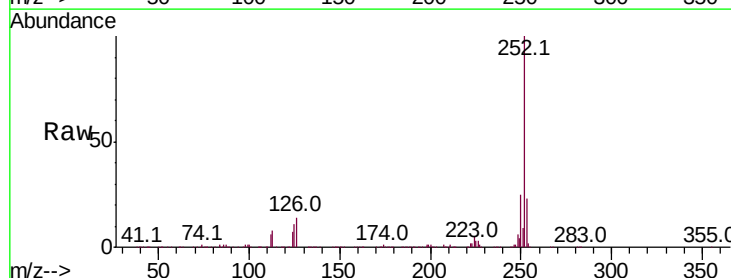
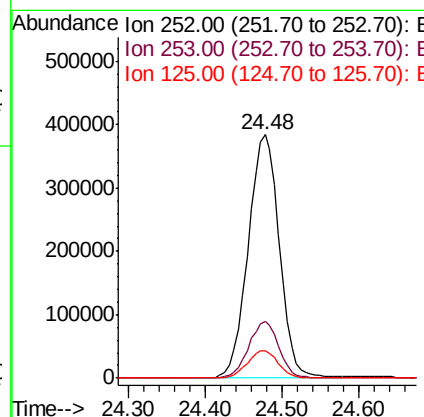
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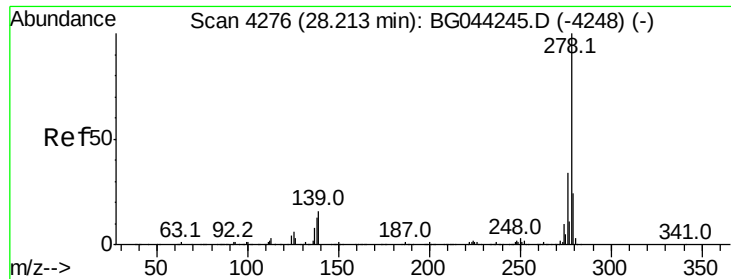
mohammad
2/13/2020 3:32:33 PM



#90
Benzo(a)pyrene
Concen: 39.806 ng
RT: 24.48 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.2	8.6	13.0





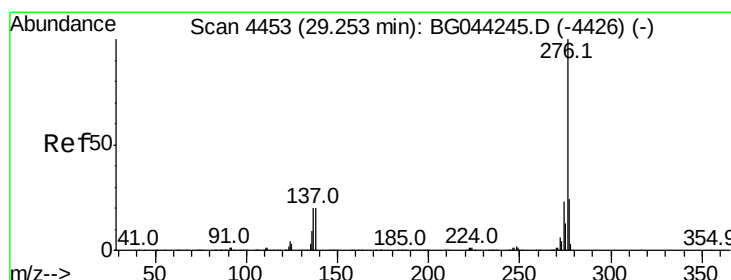
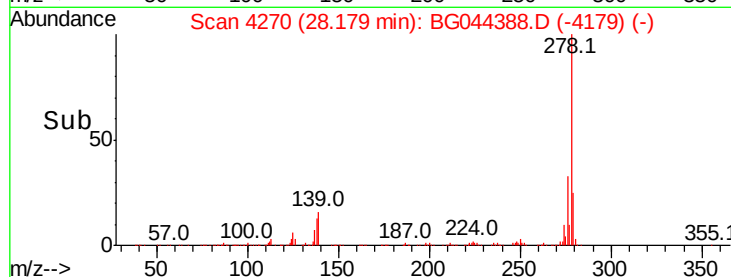
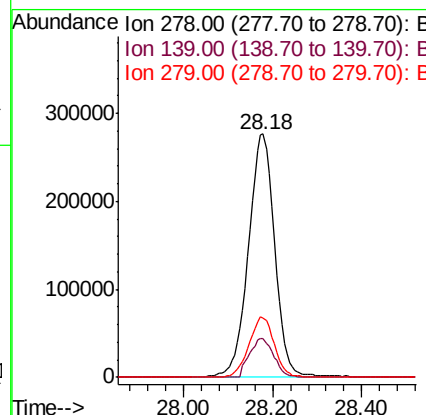
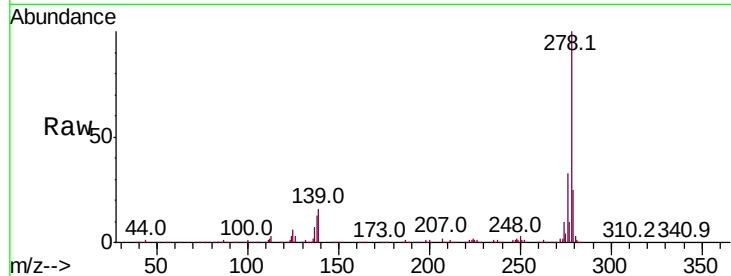
#91
Dibenzo(a,h)anthracene
Concen: 41.346 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Instrument :
BNA_G
ClientSampleId :
PB126698BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	24.6	19.3	28.9

Manual Integrations
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mohammad
2/13/2020 3:32:33 PM



#92
Benzo(g,h,i)perylene
Concen: 42.144 ng
RT: 29.21 min Scan# 4445
Delta R.T. 0.00 min
Lab File: BG044388.D
Acq: 11 Feb 2020 14:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	20.8	16.2	24.2

